



Aproximación a la Síntesis Enantioselectiva de la cadena polihidroxílica común a los Productos Marinos Oscillariolida y Formidolidas

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(R)-4-terc-Butil-3-(propanoil)oxazolidin-2-ona (2c)

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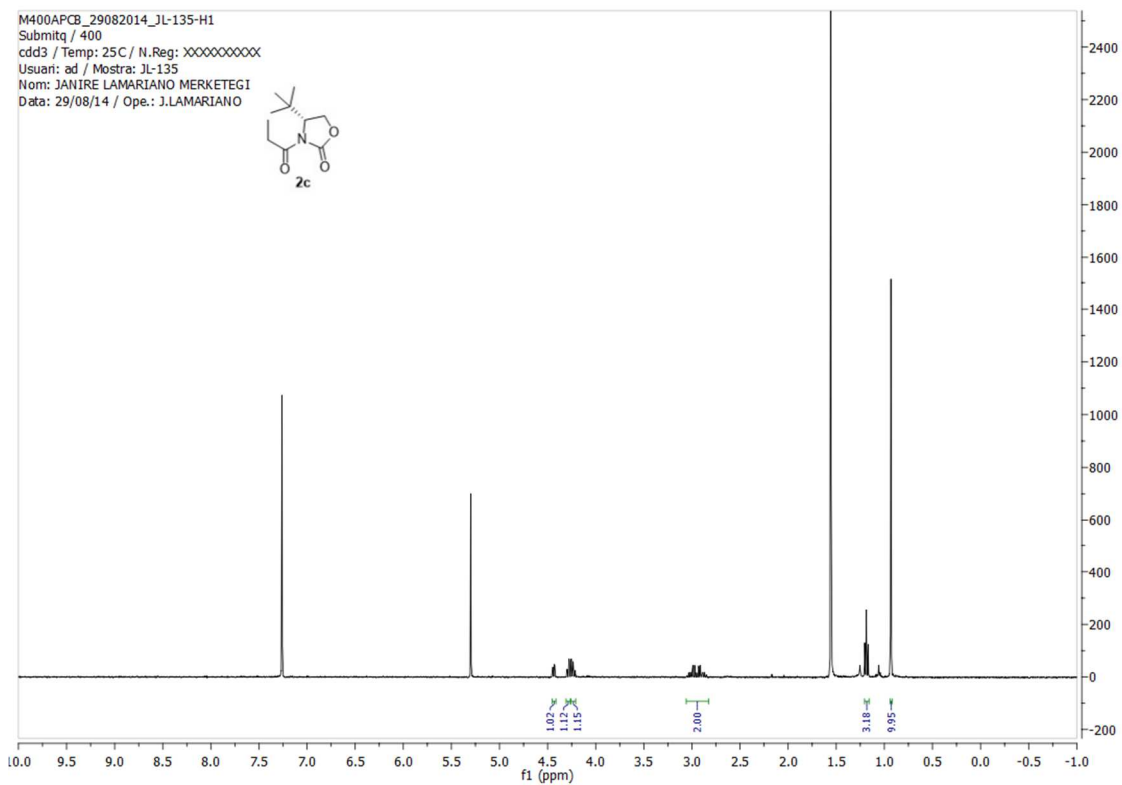
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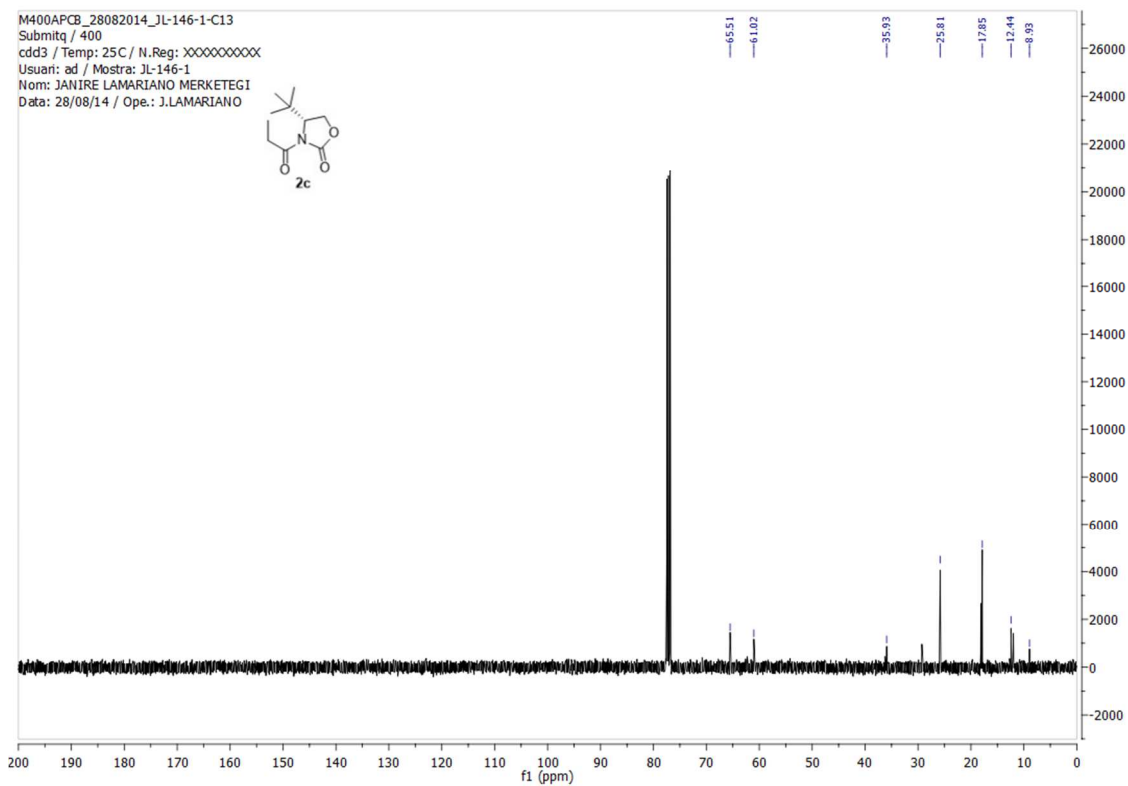
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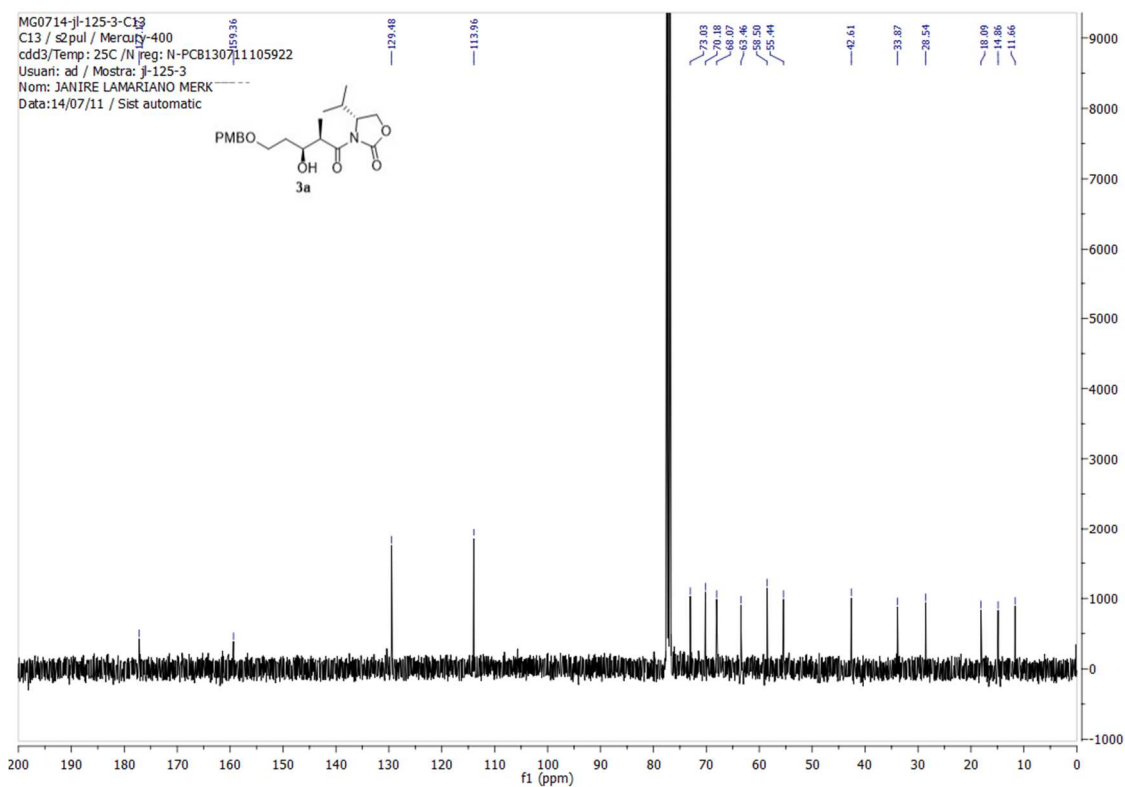
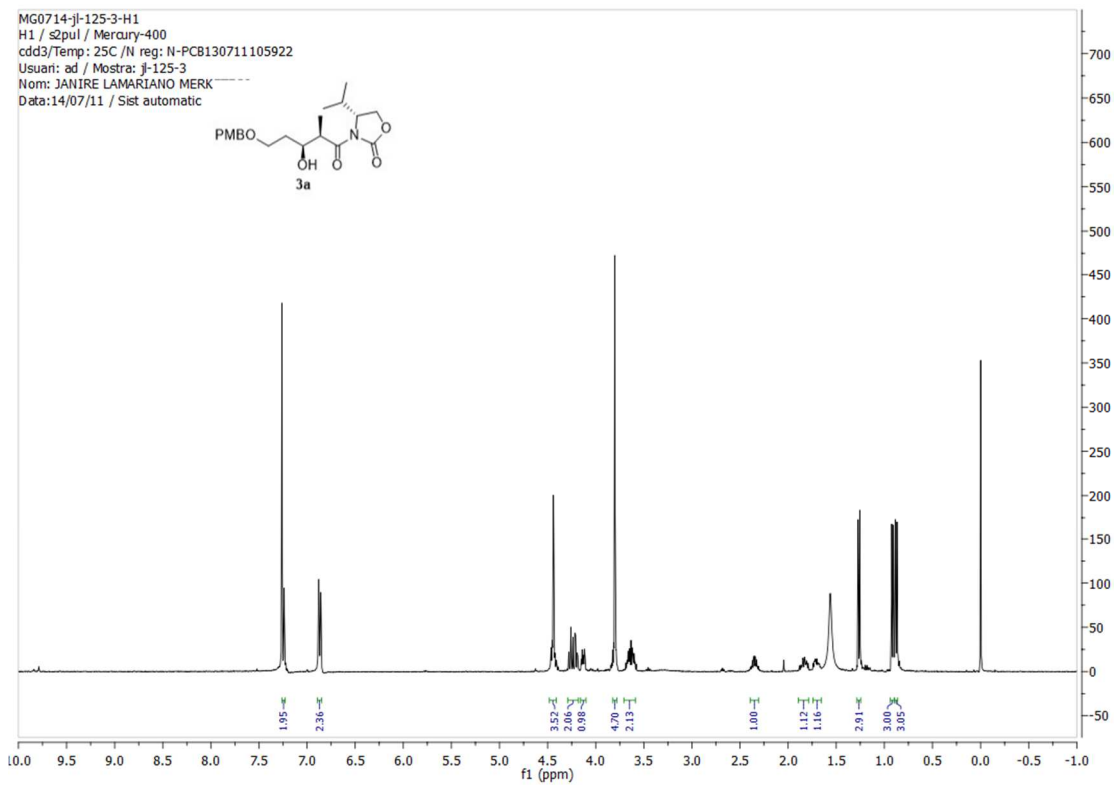
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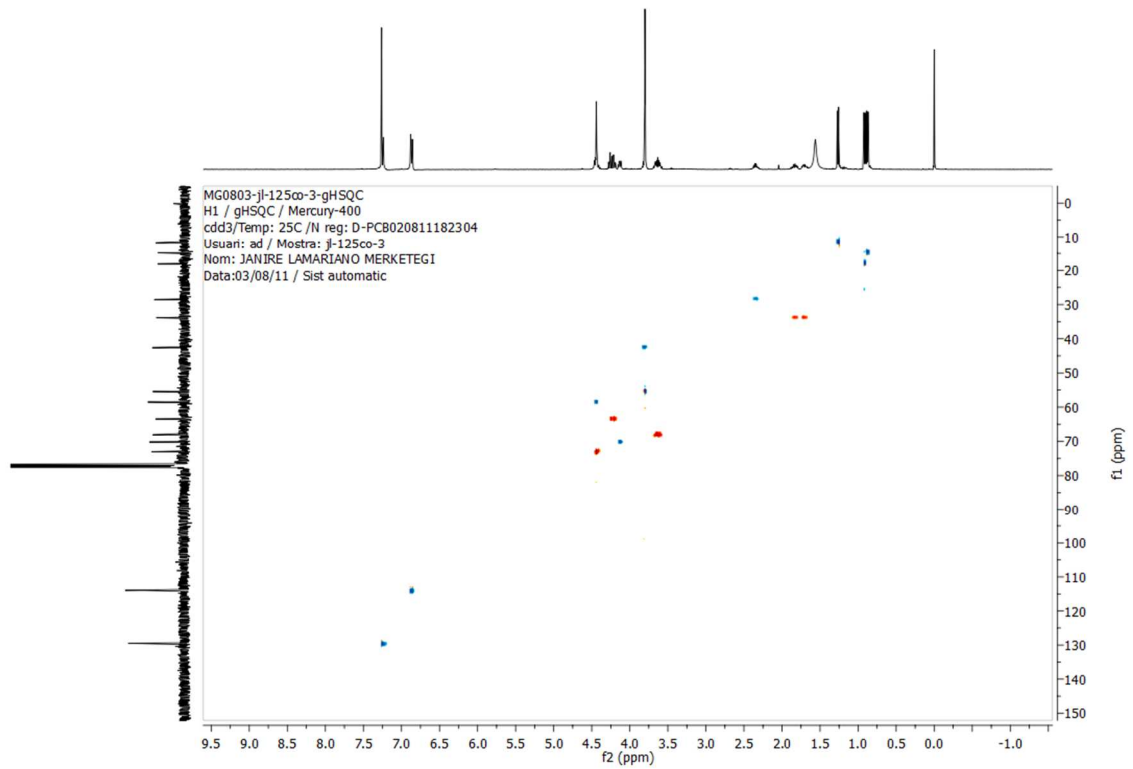
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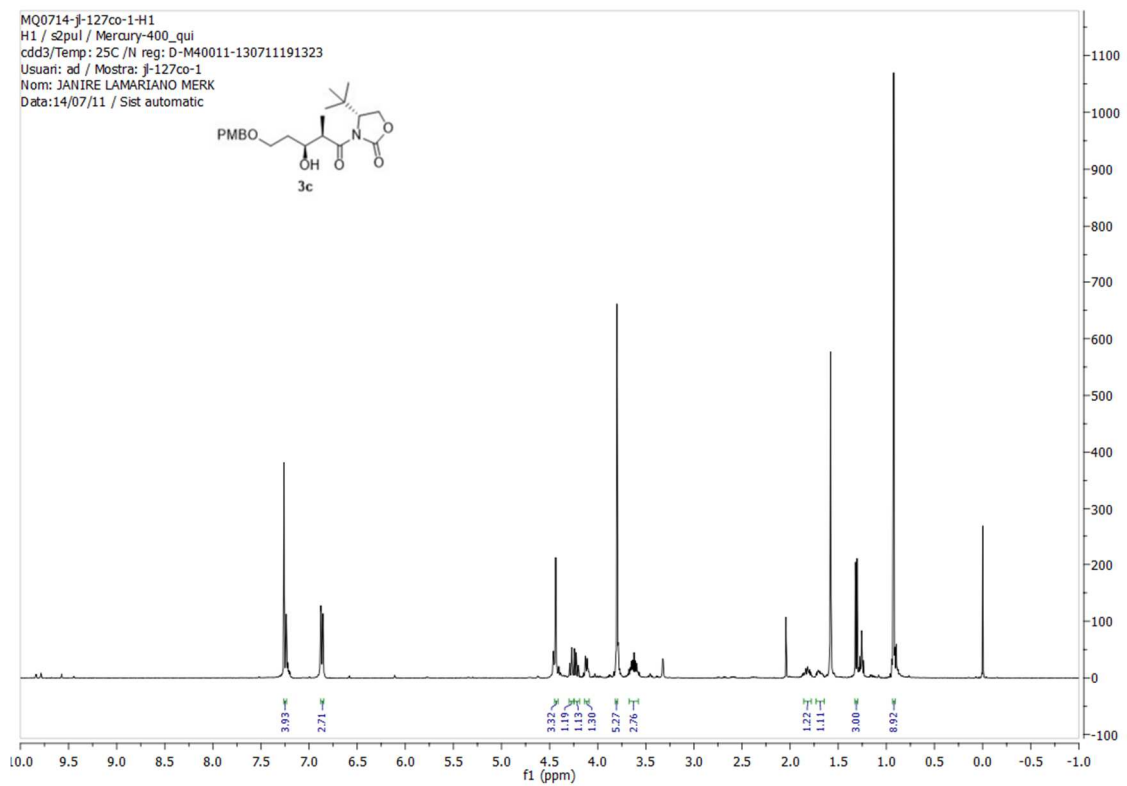


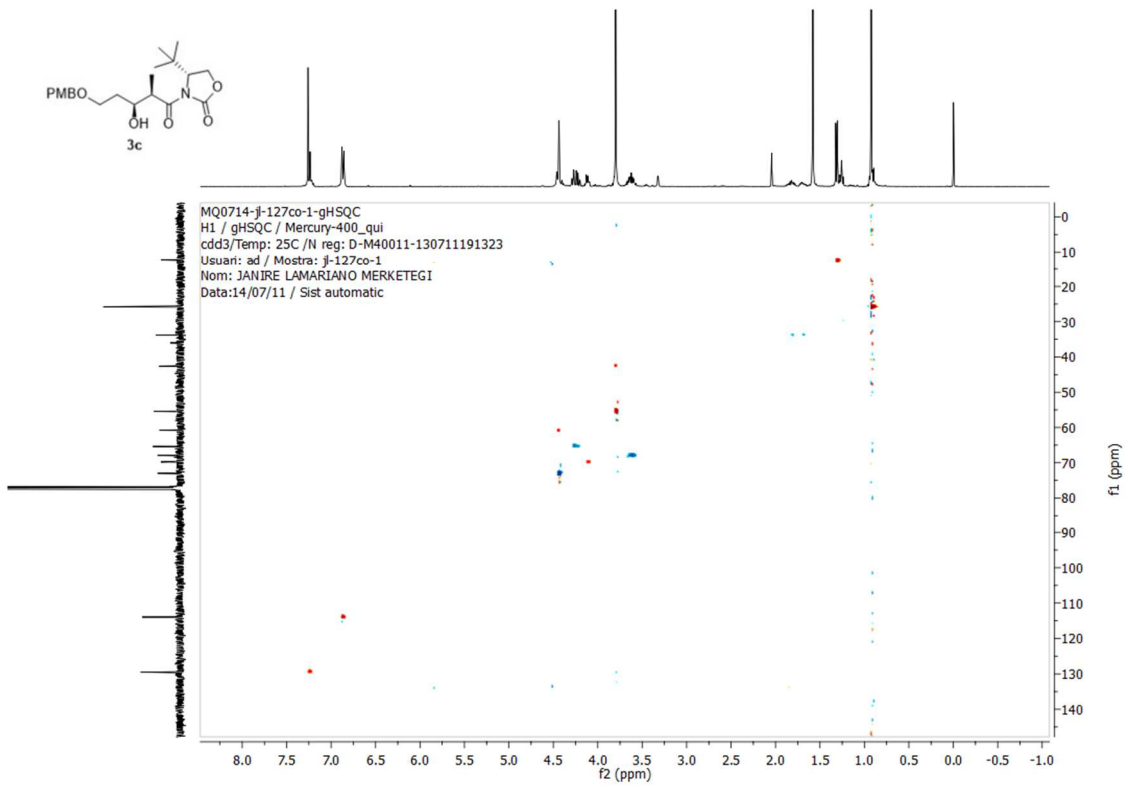
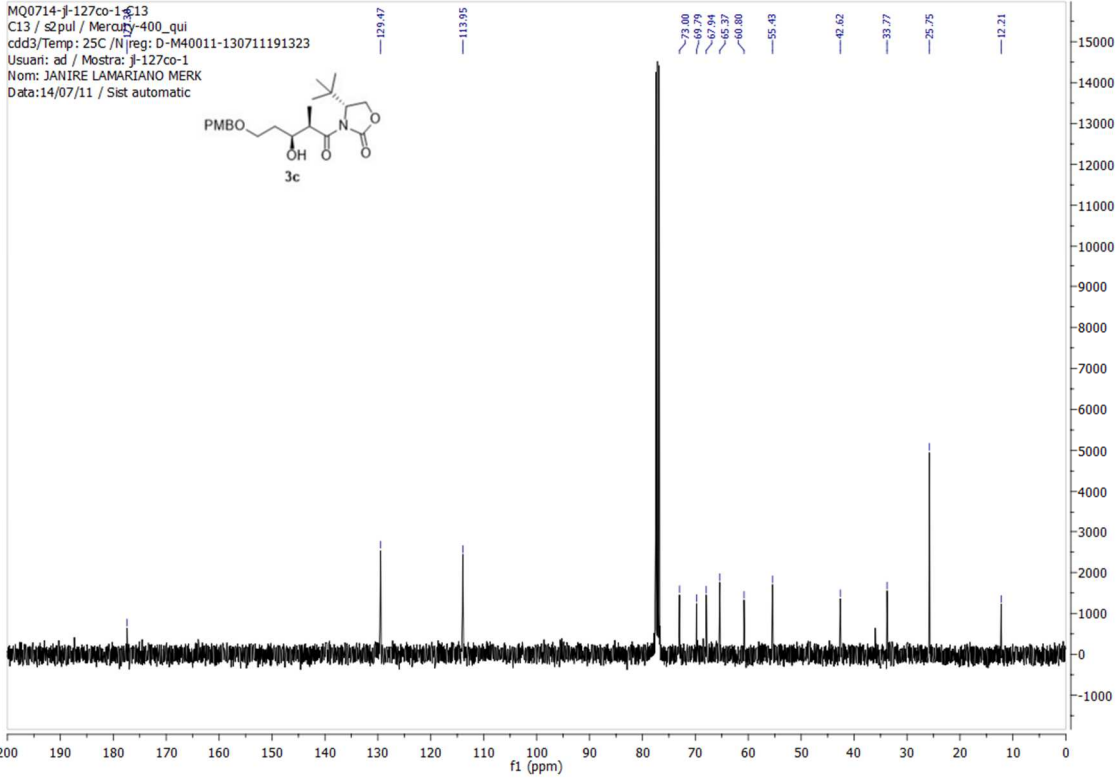
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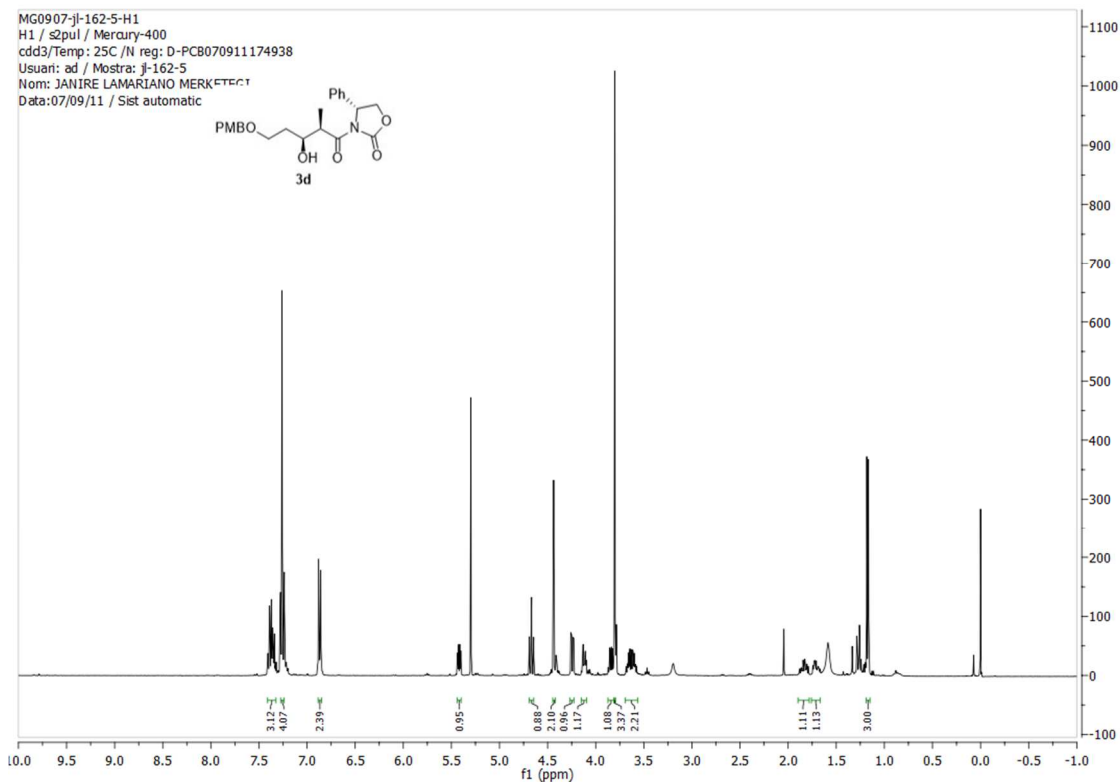


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 (3c)**

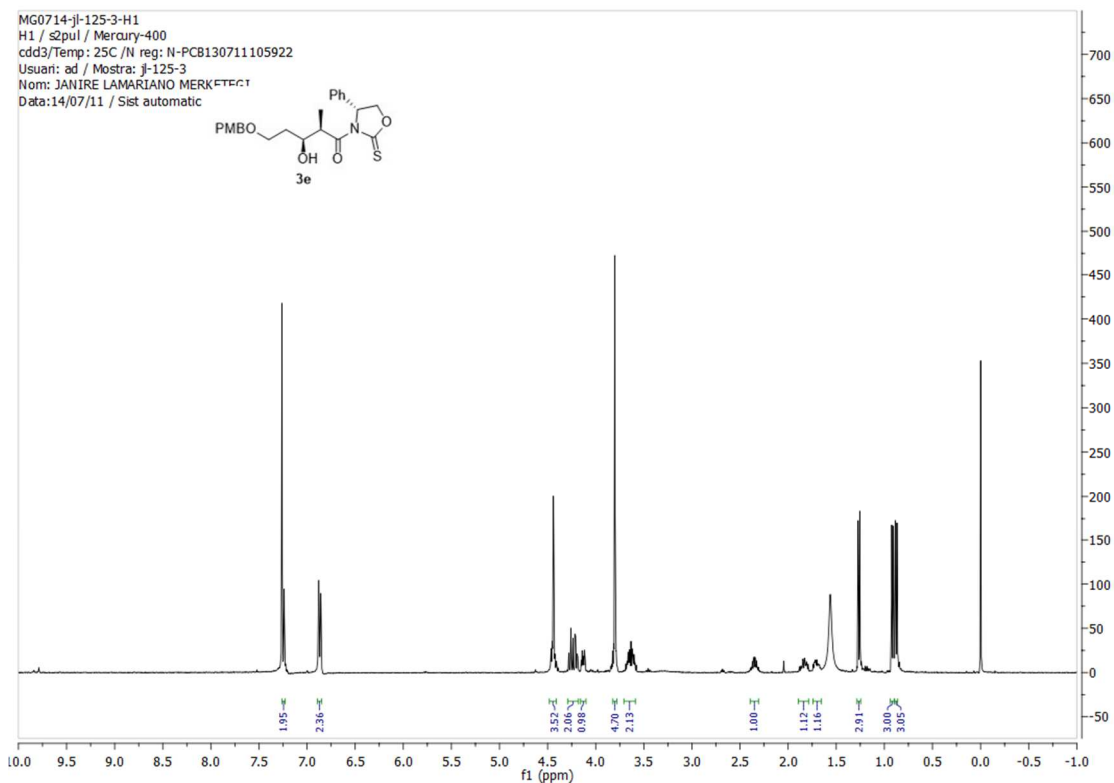


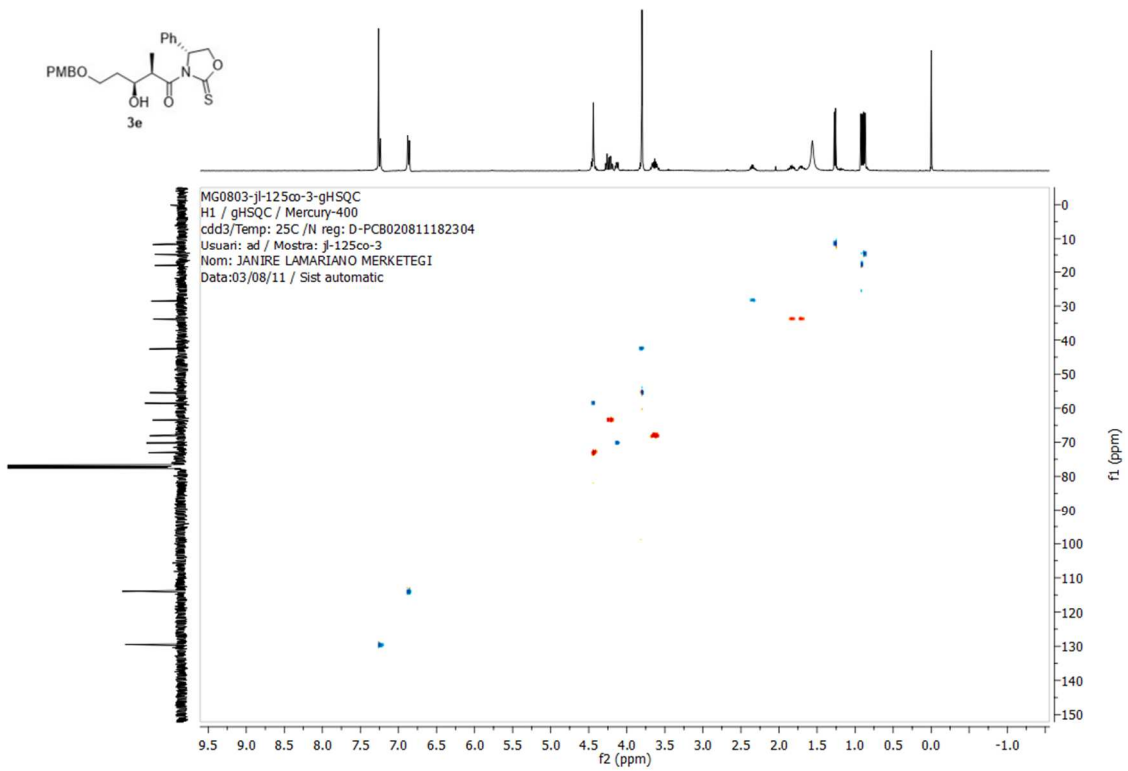
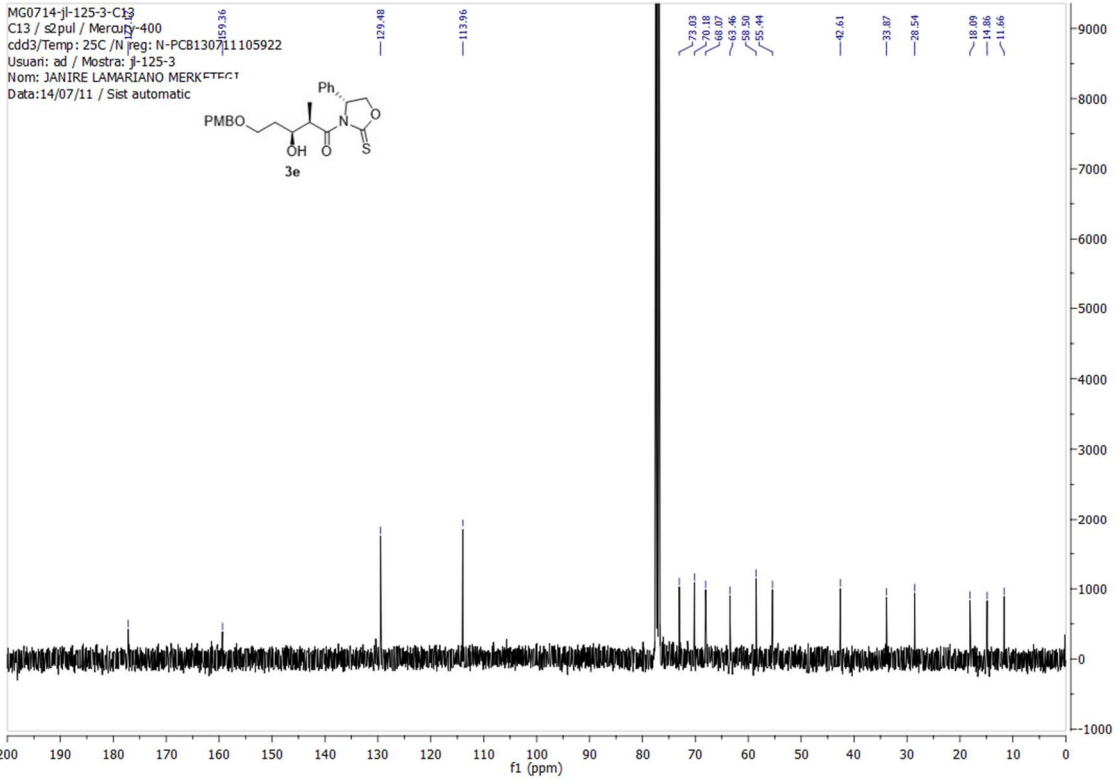


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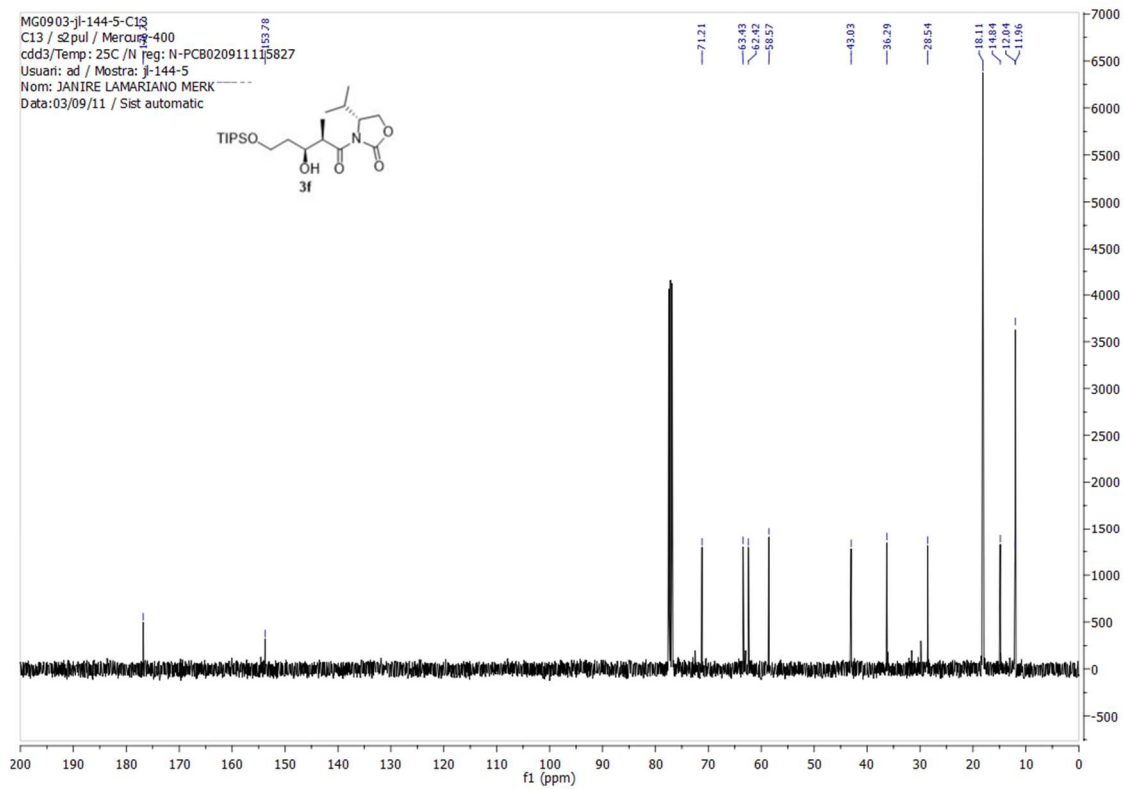
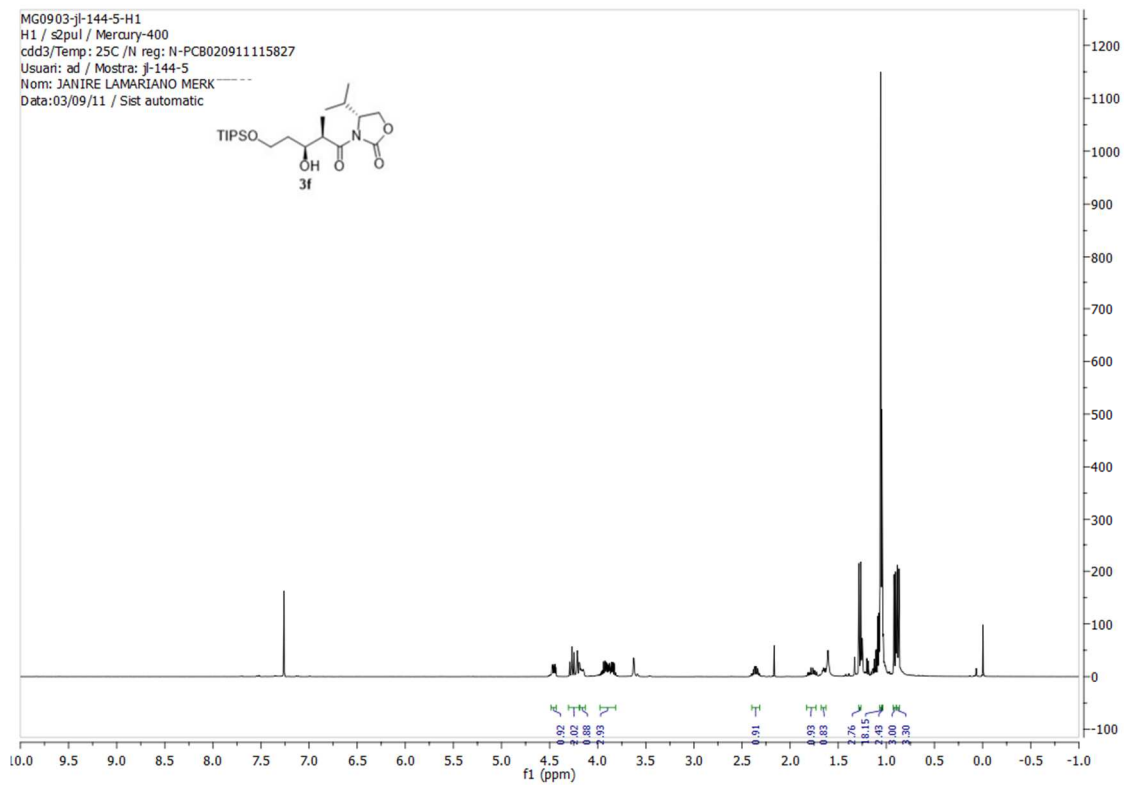


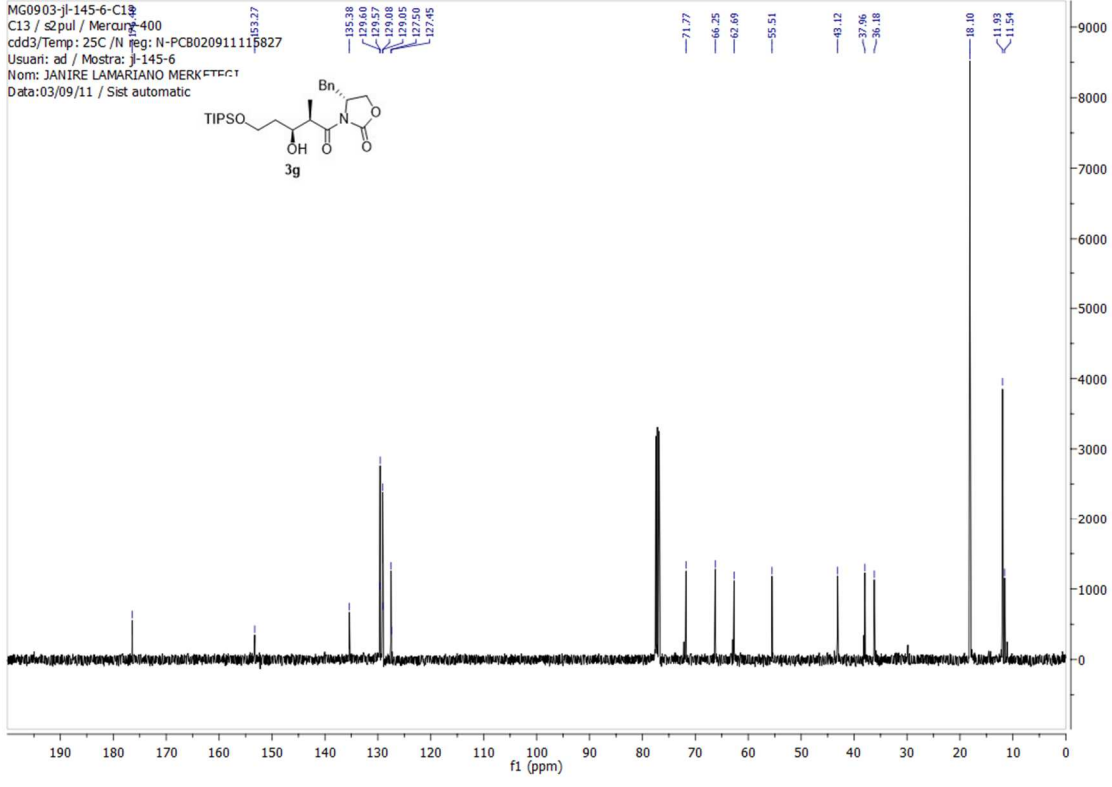
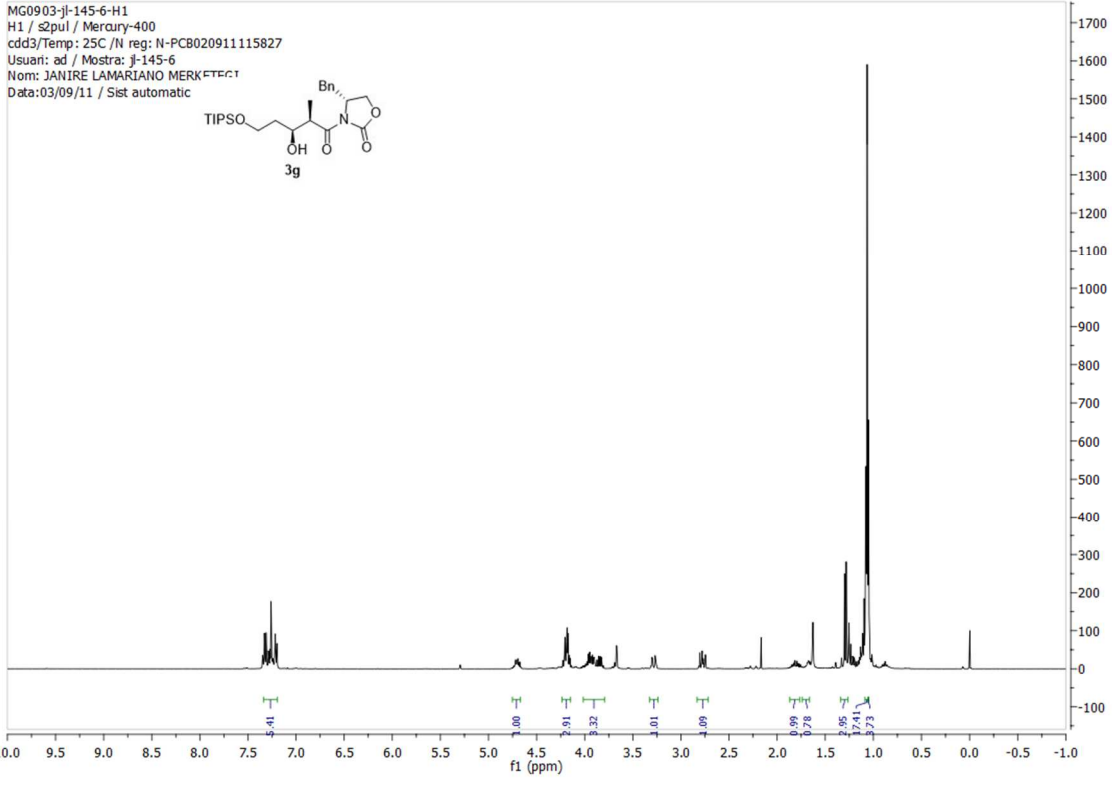
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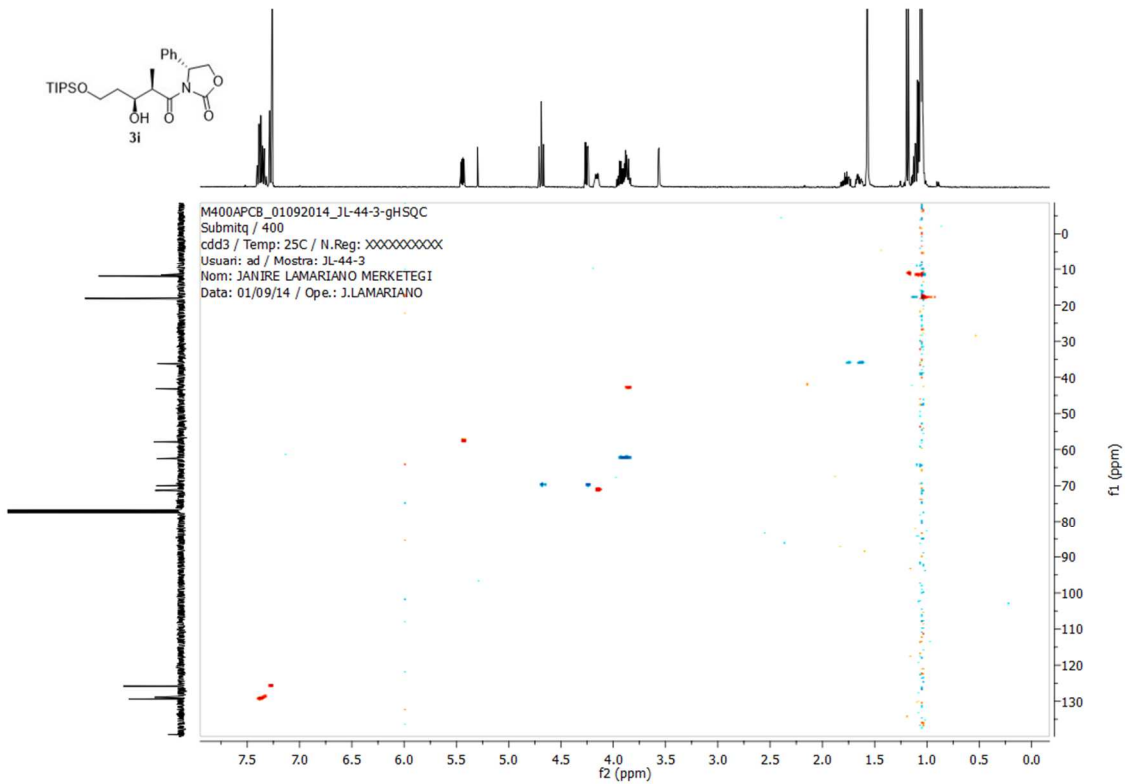
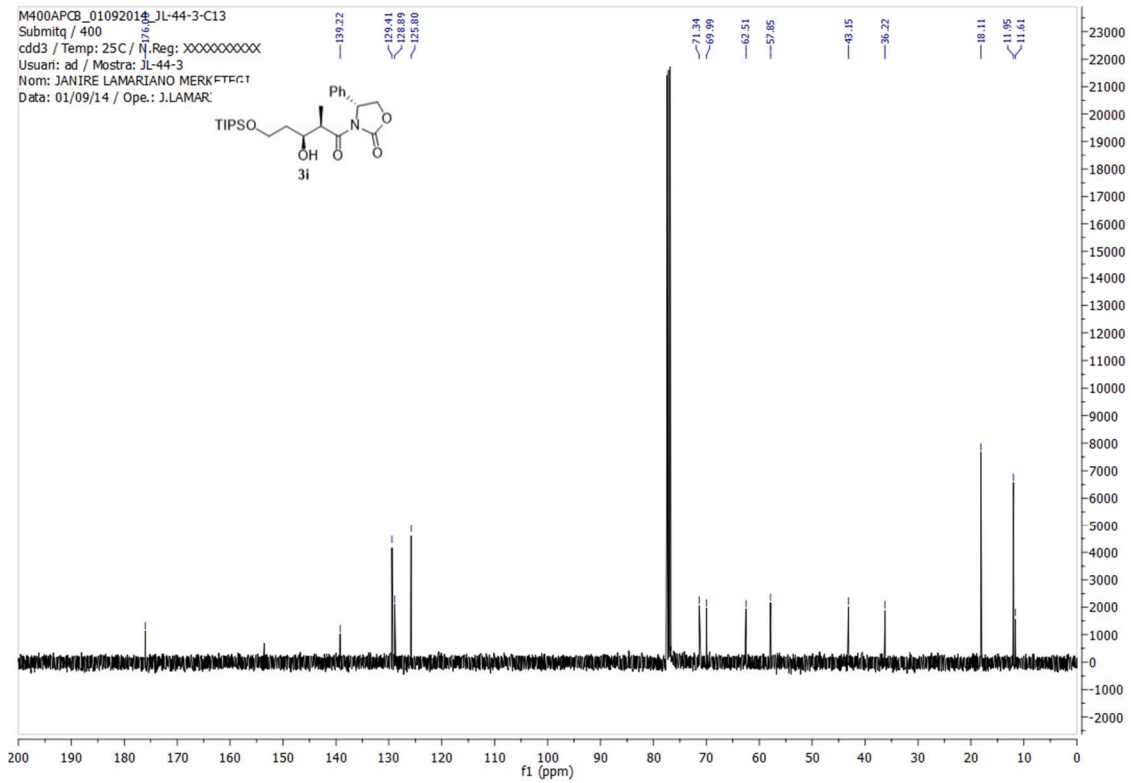




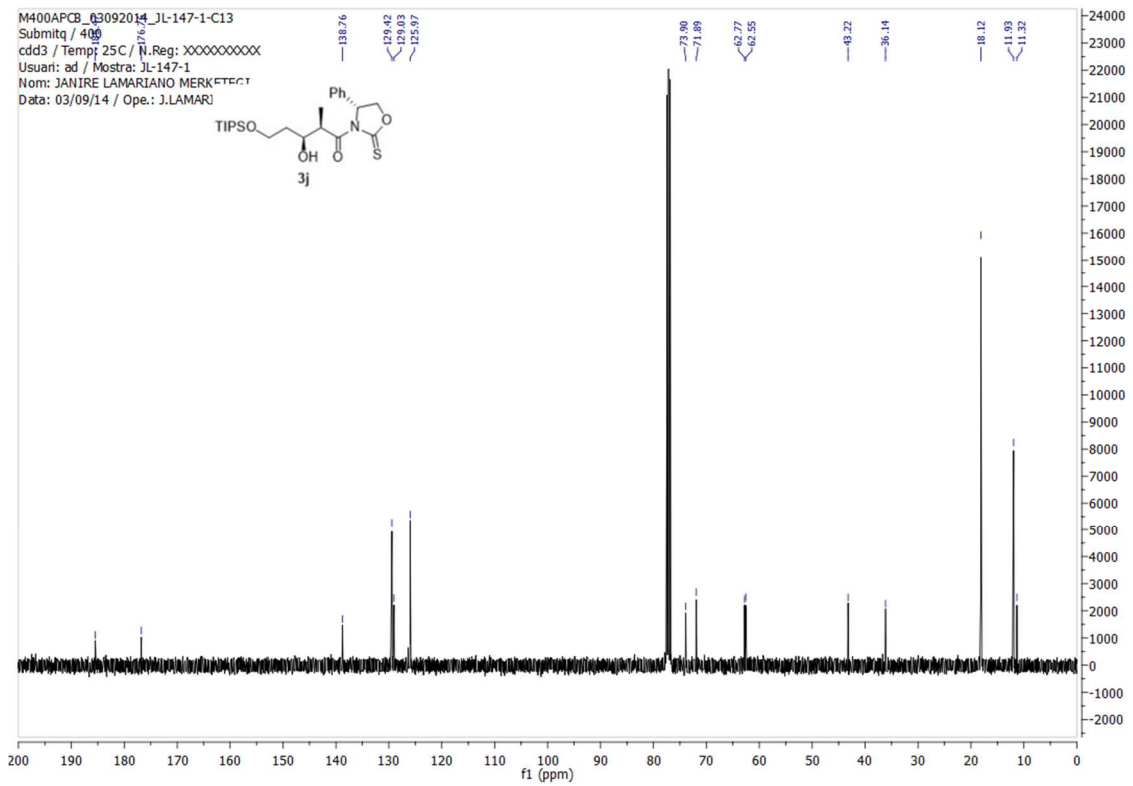
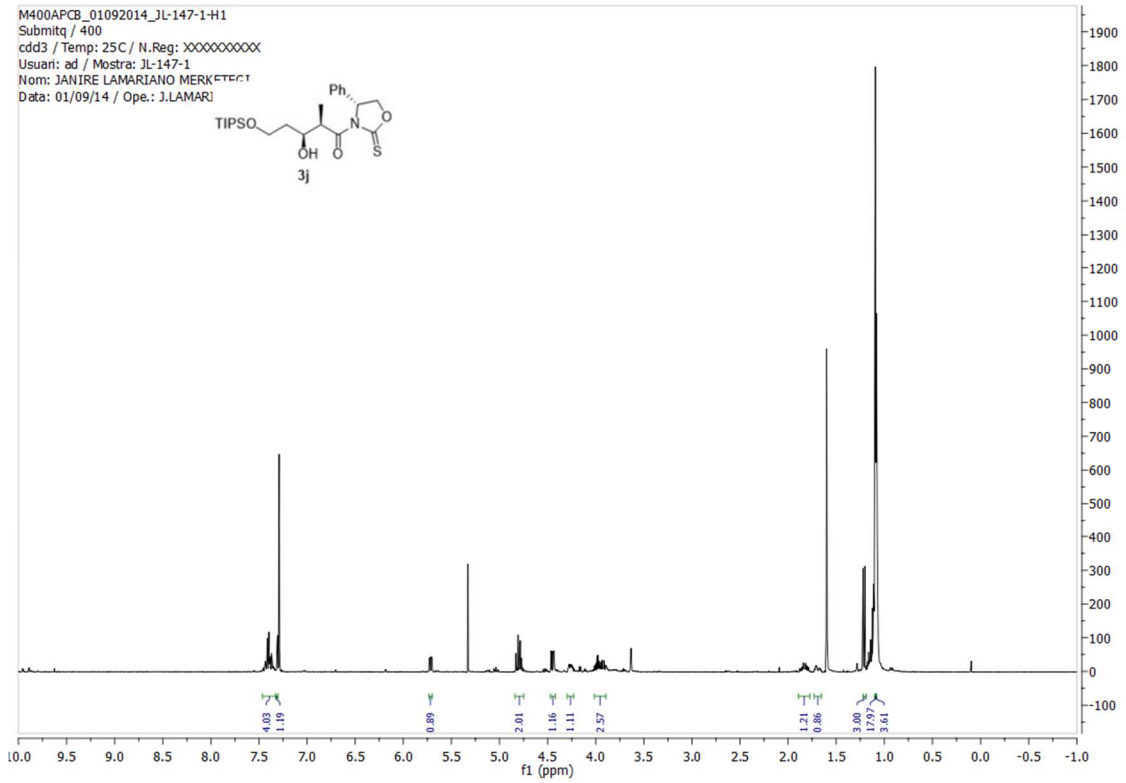
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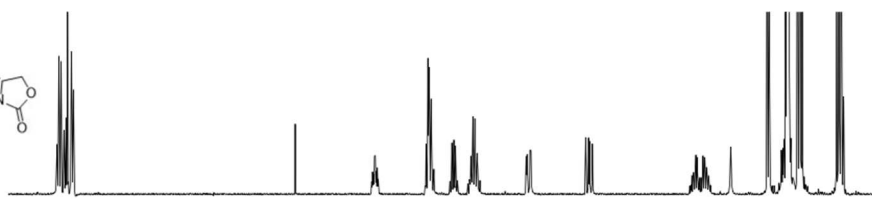
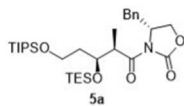
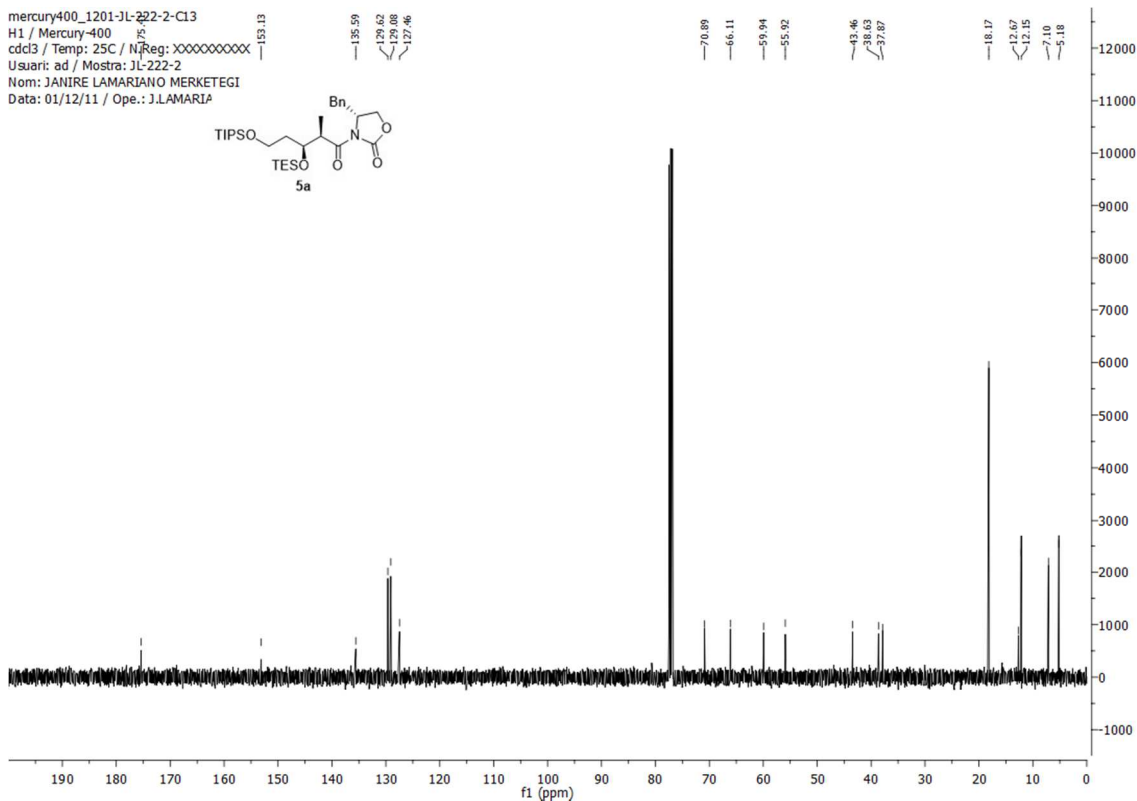
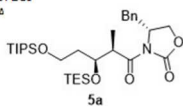




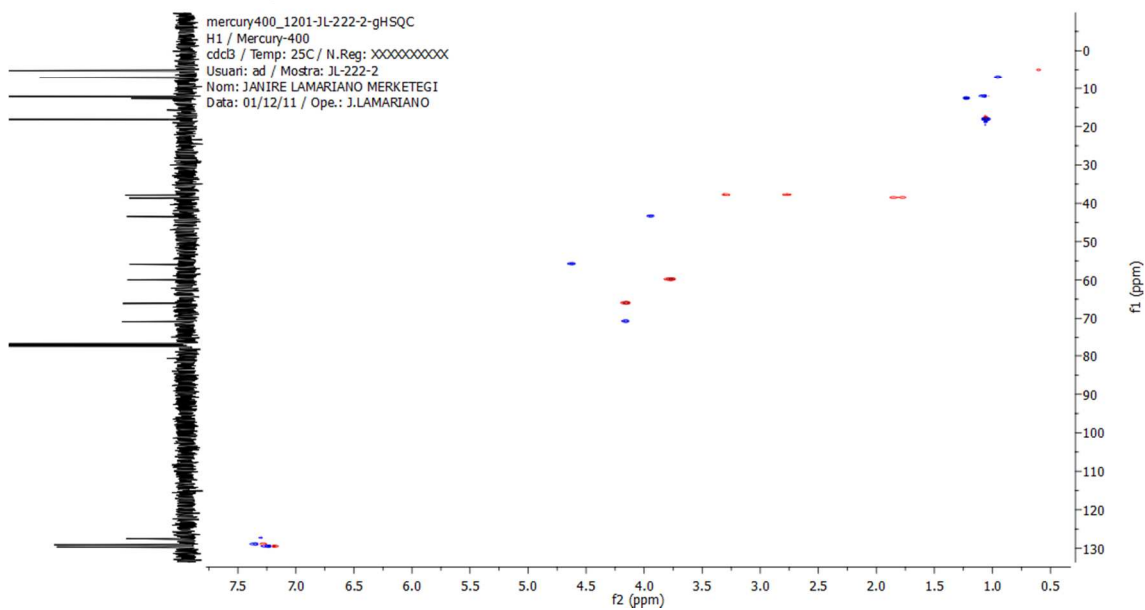
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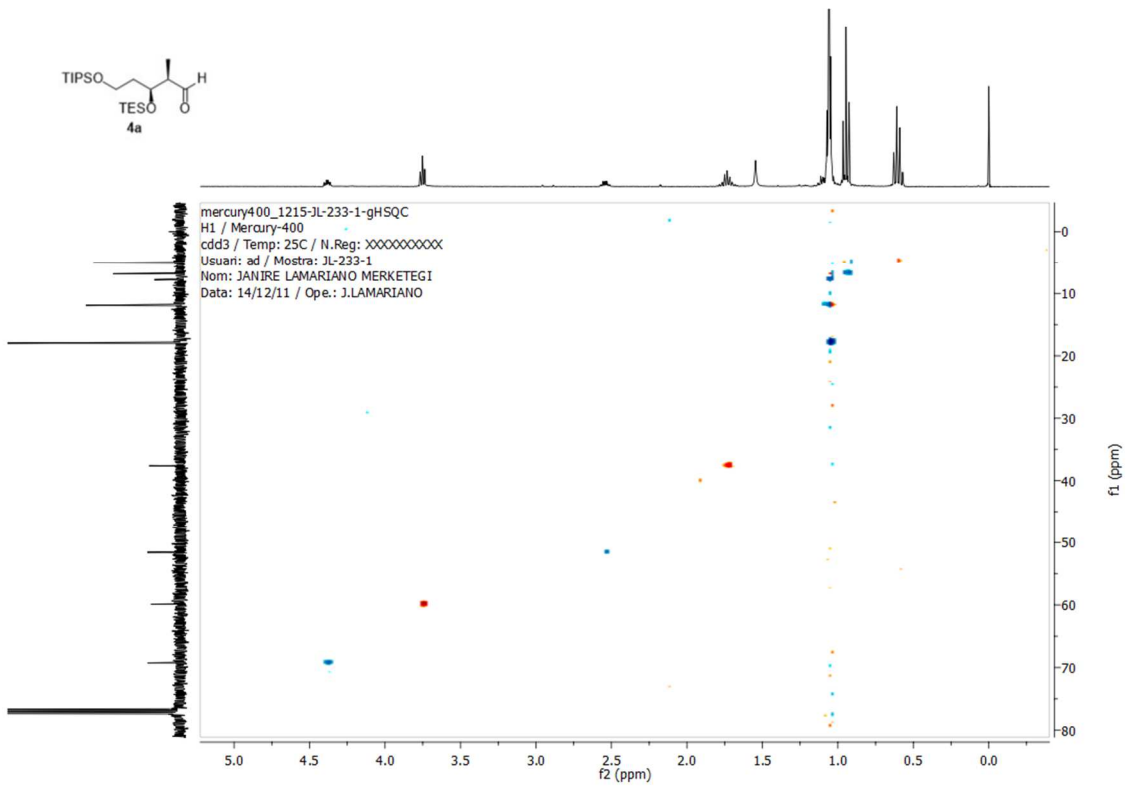
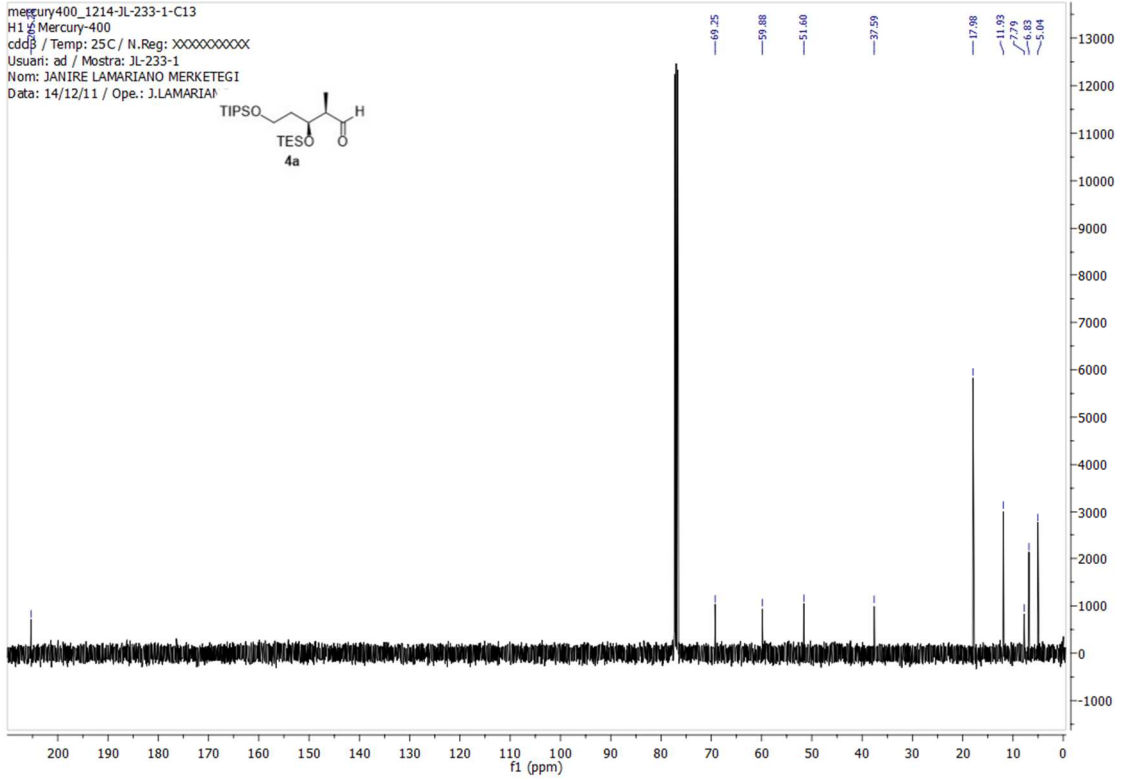


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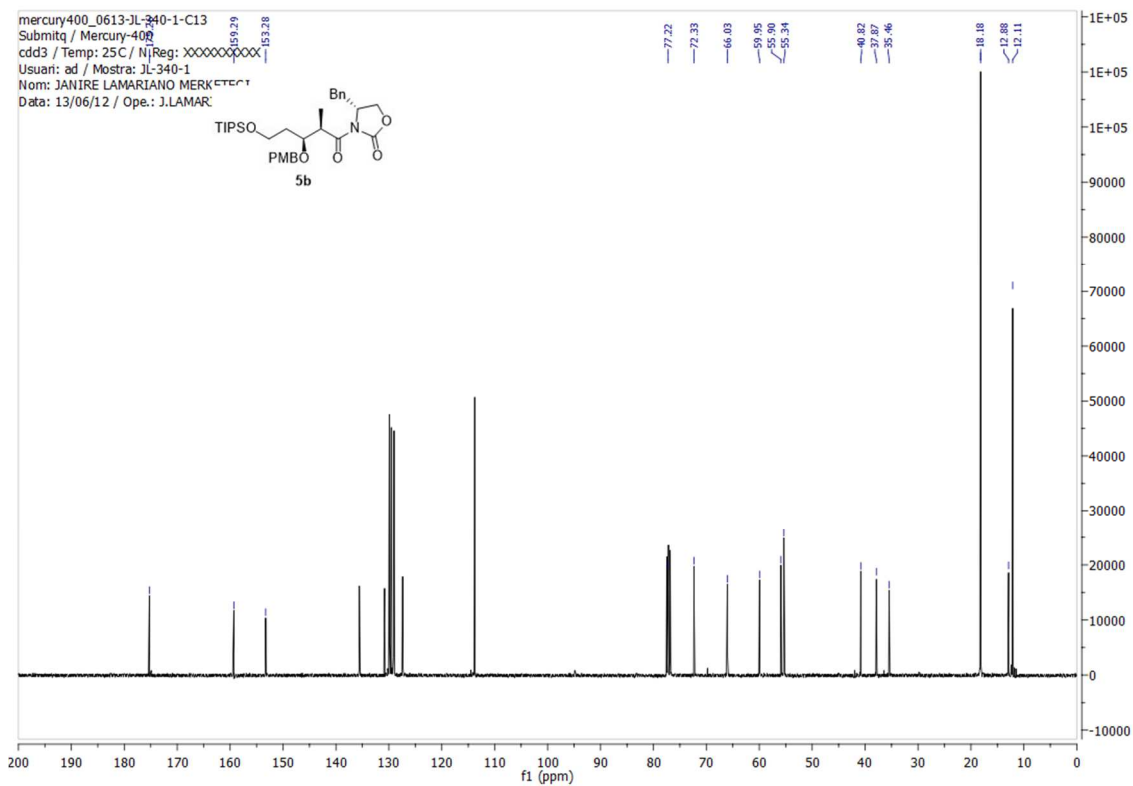
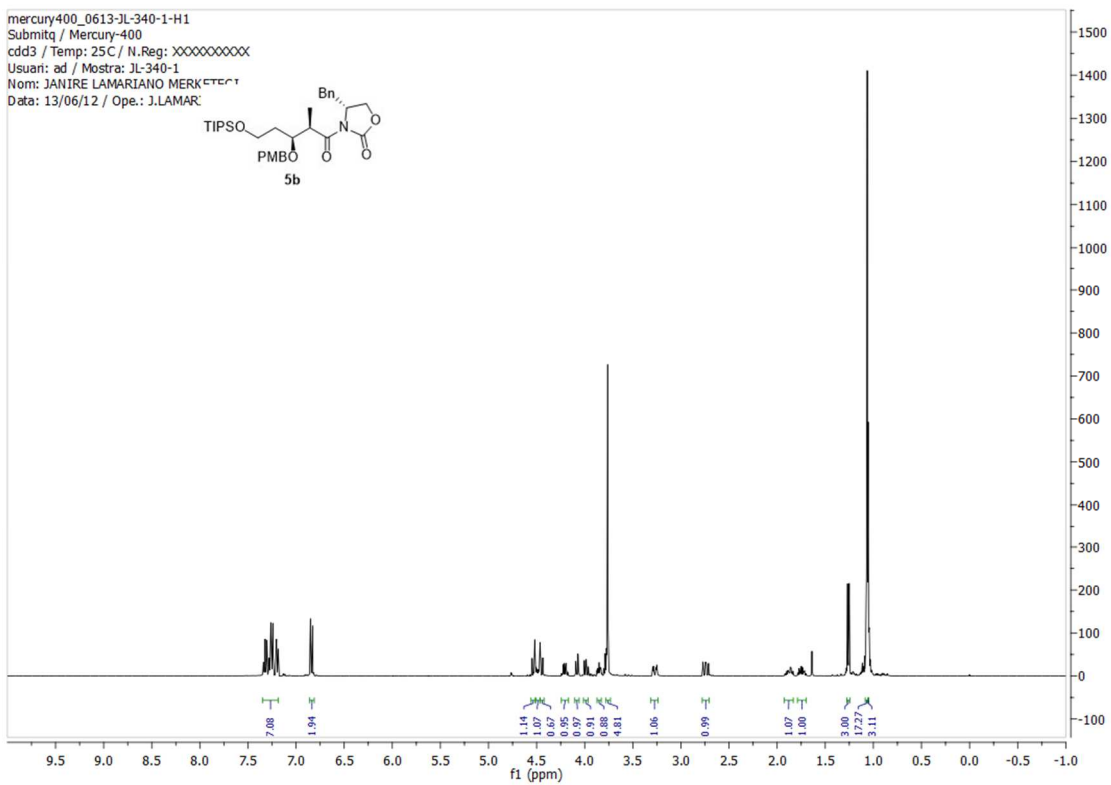


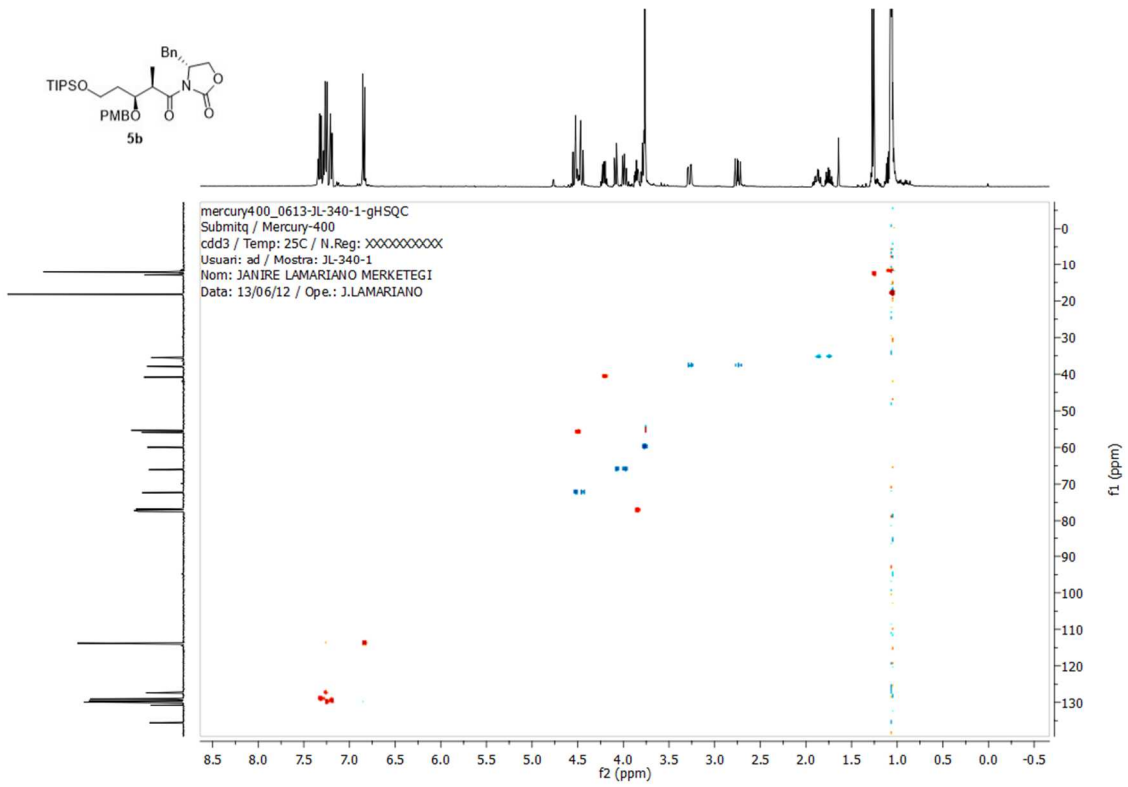
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 Usuan: ad / Mostra: JL-222-2
 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 01/12/11 / Ope.: J.LAMARIANO



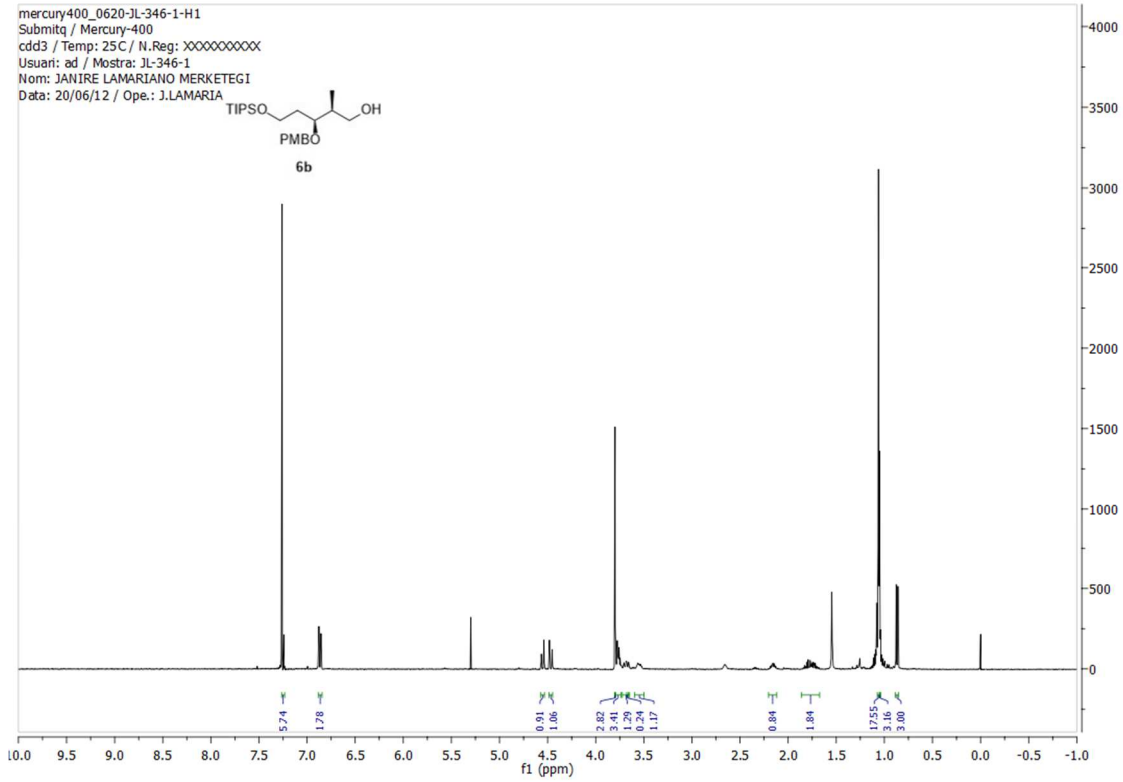


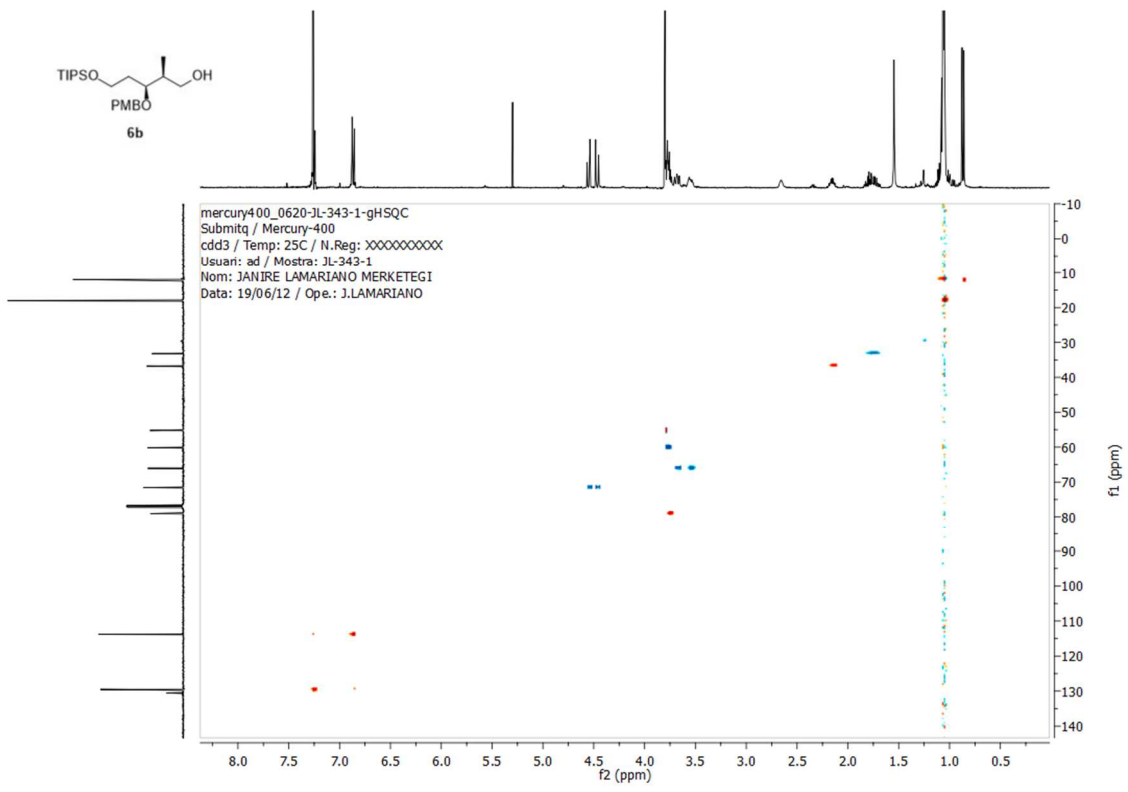
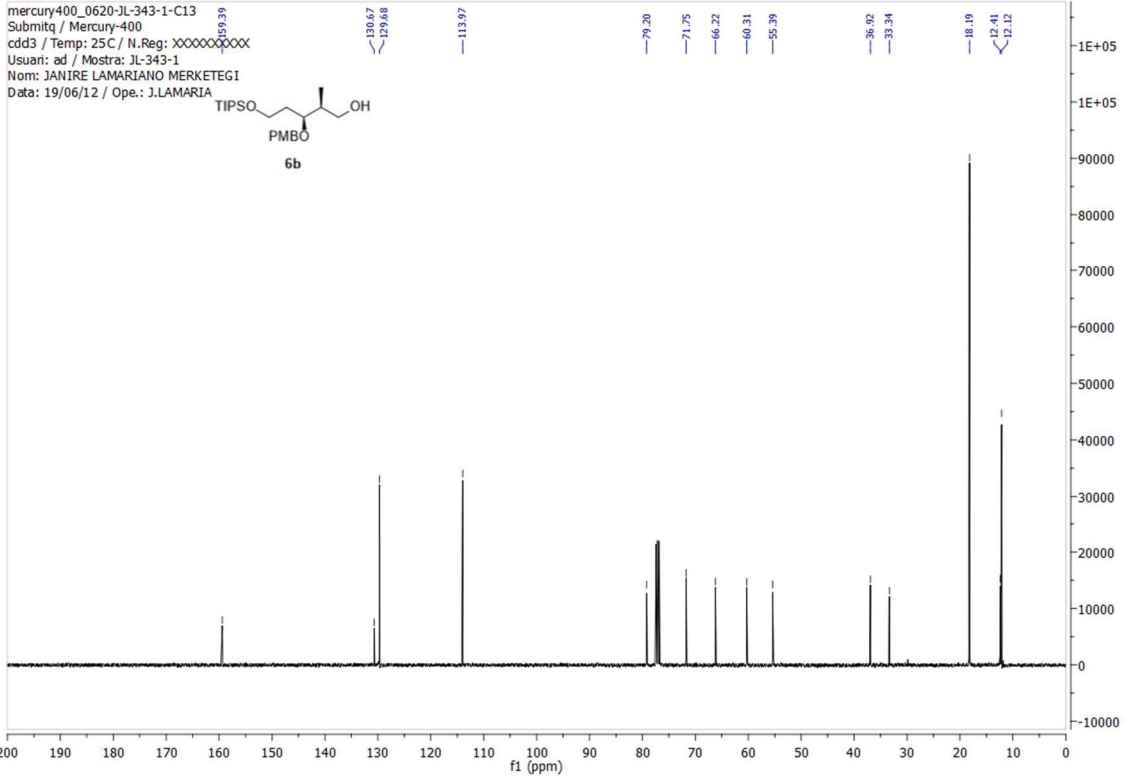
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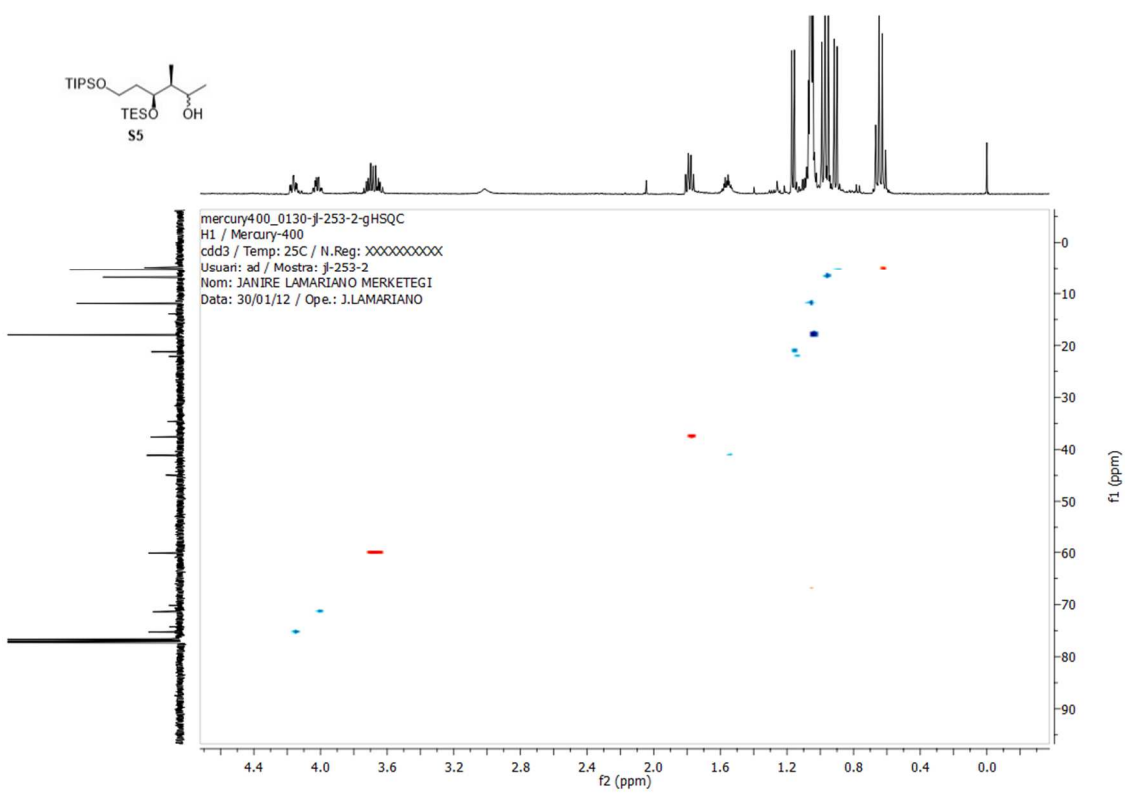
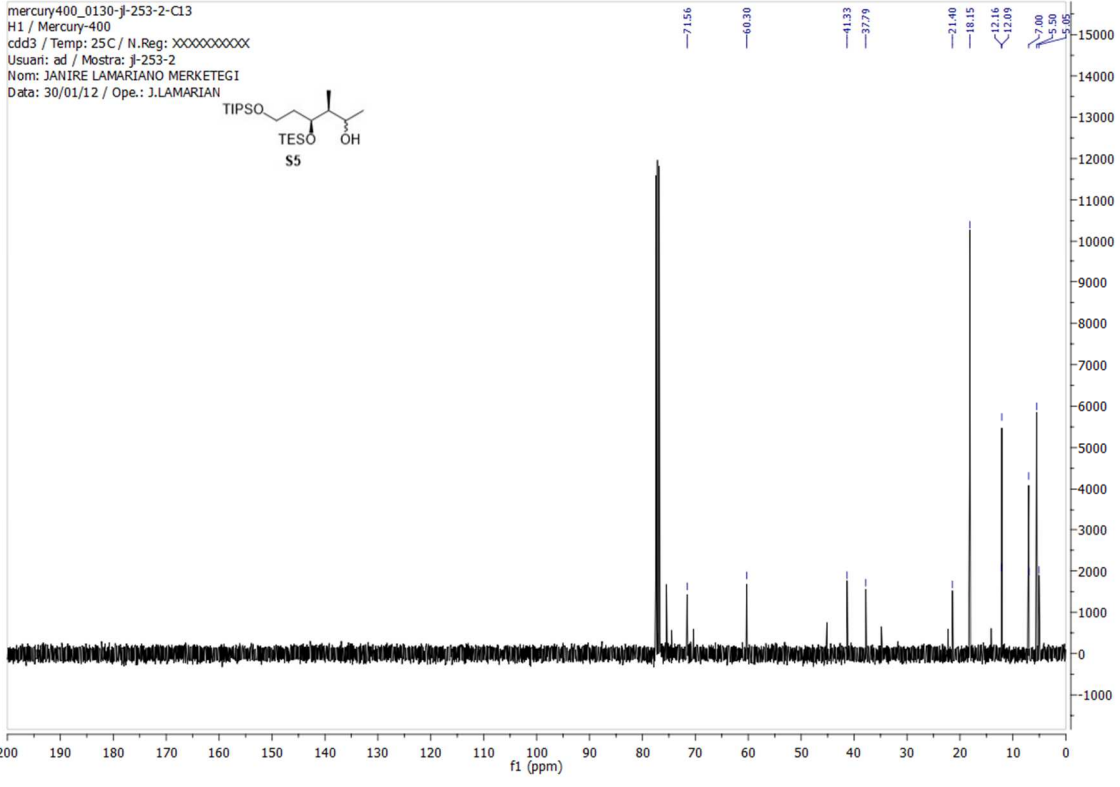




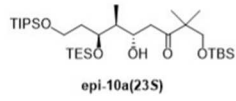
(2S,3S)-5-Triisopropilsiloloxi-2-metil-3-(4-metoxibenciloxi)pentan-1-ol (6b)



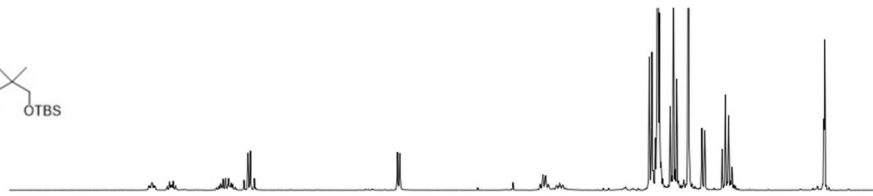
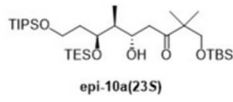
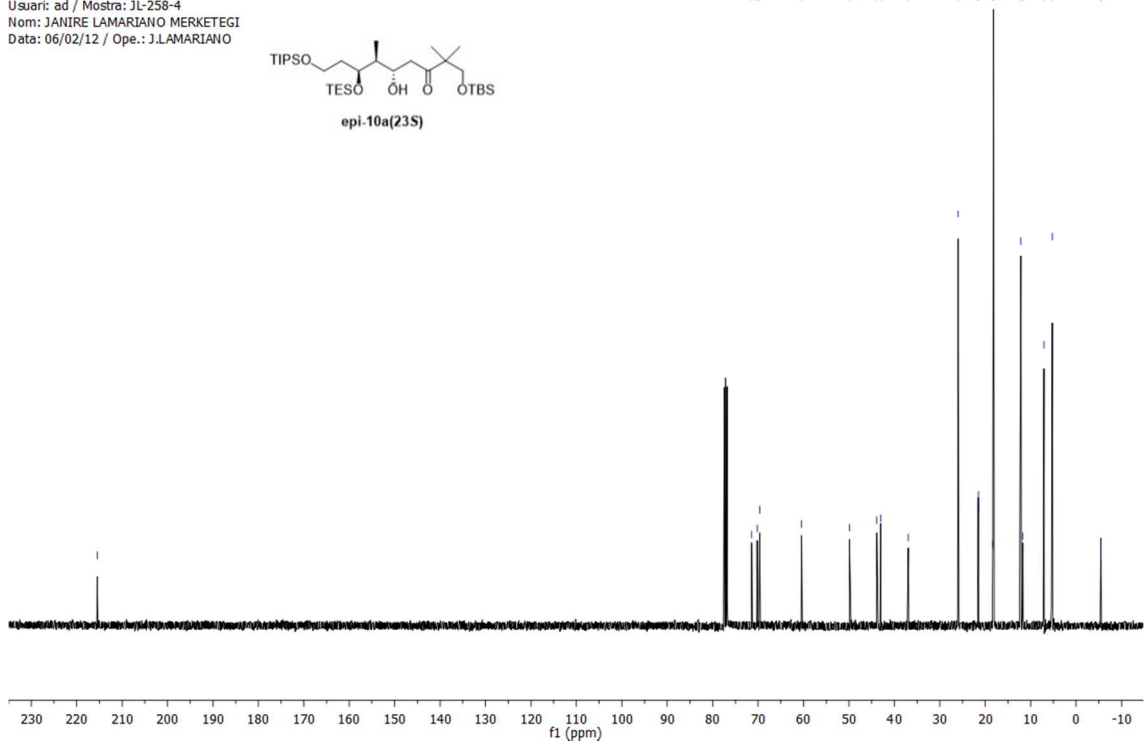




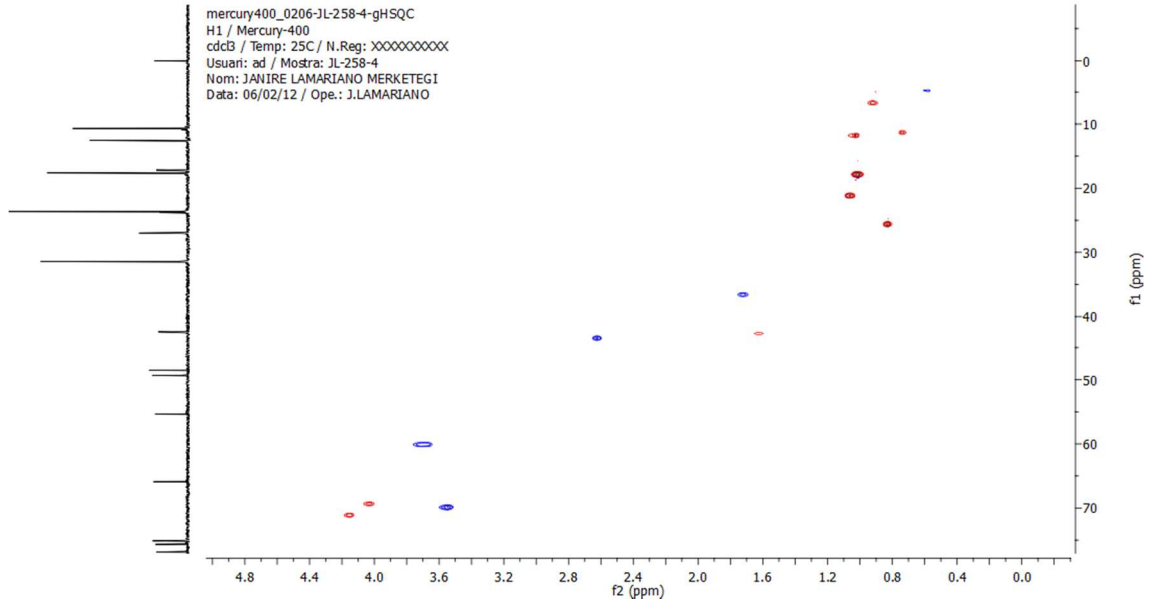
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 Usuari: ad / Mostra: JL-258-4
 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 06/02/12 / Ope.: J.LAMARIANO

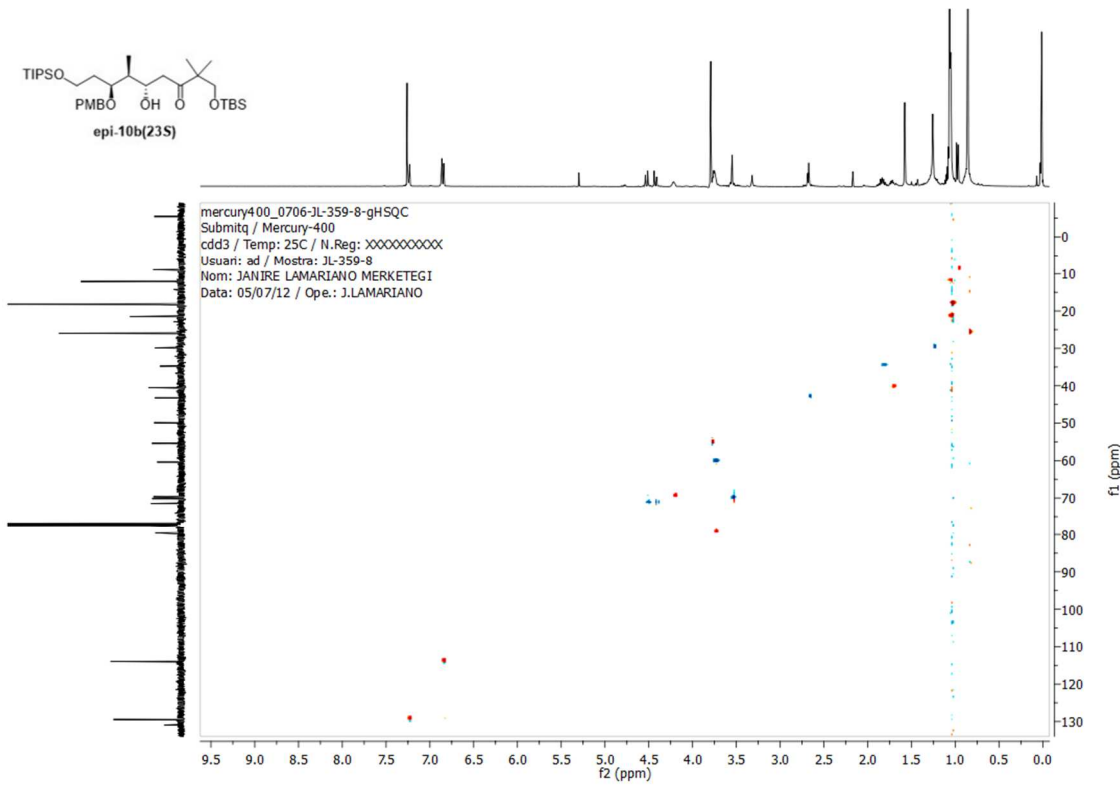
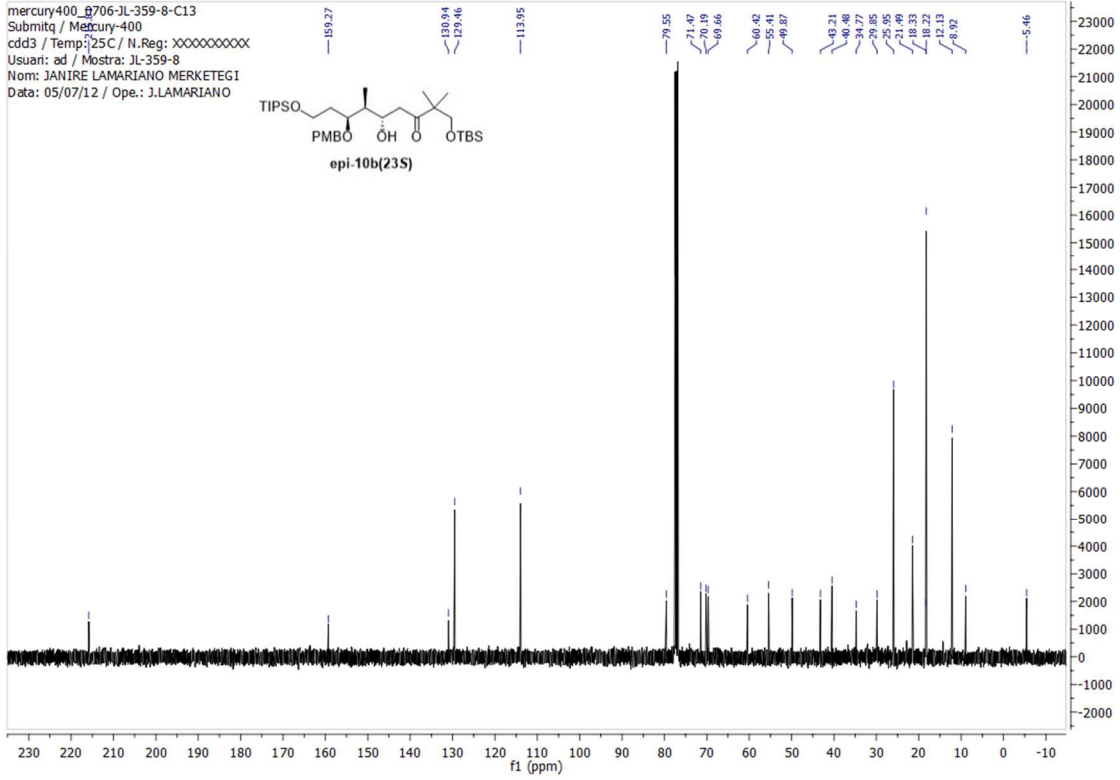


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18.17
12.15
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7.06
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-5.47
-5.48

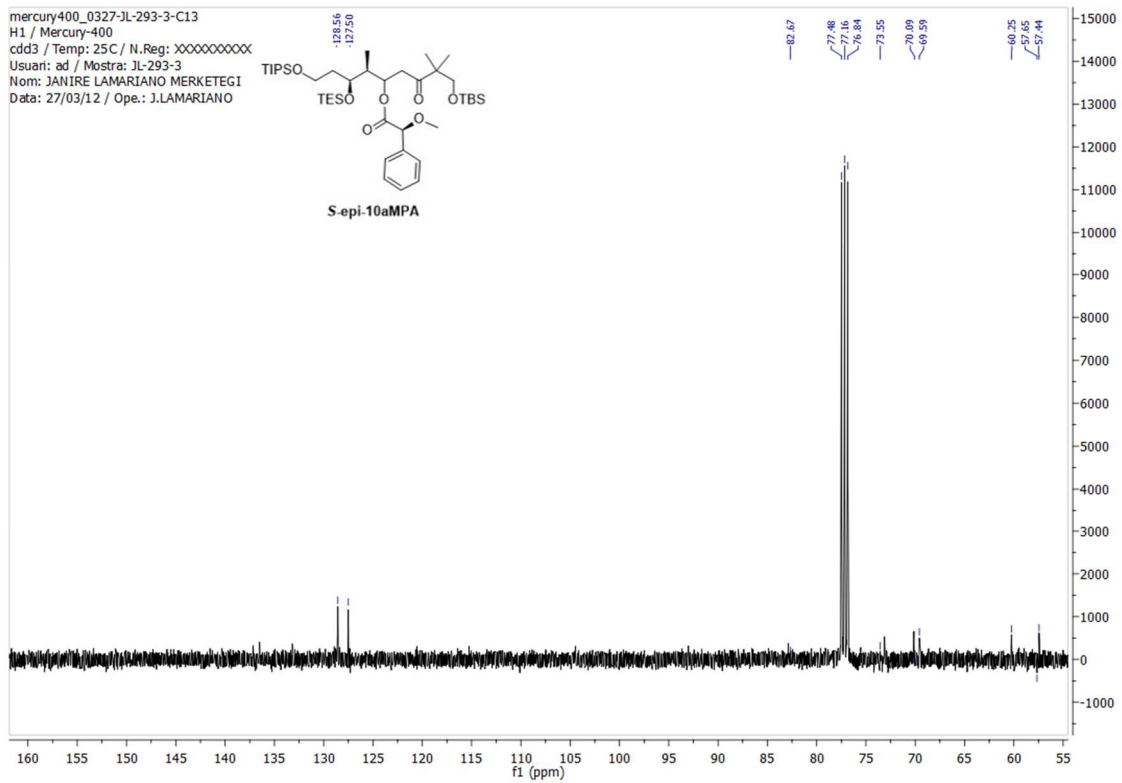
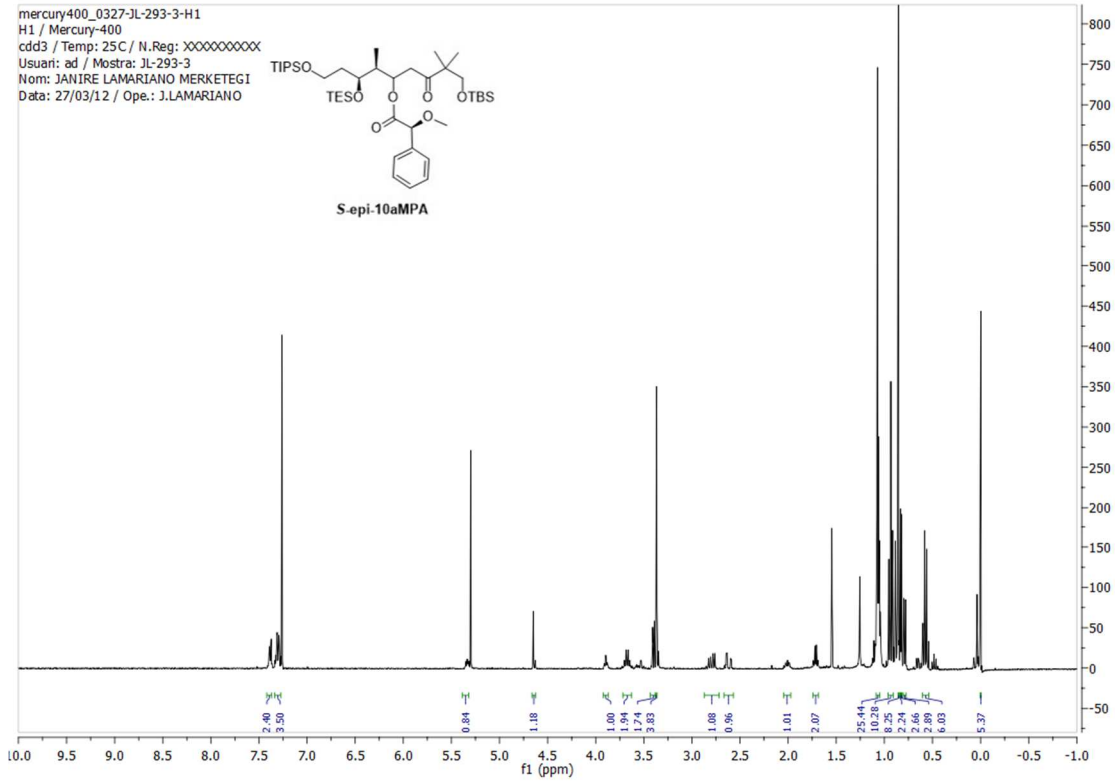


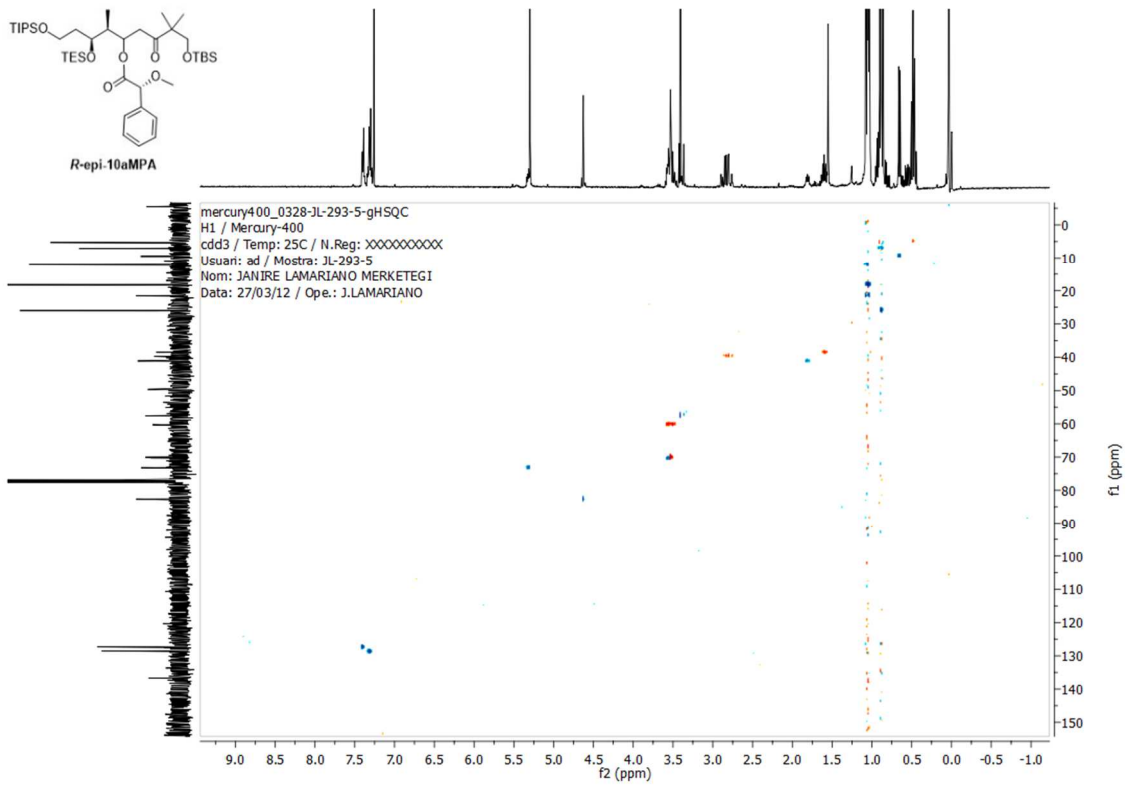
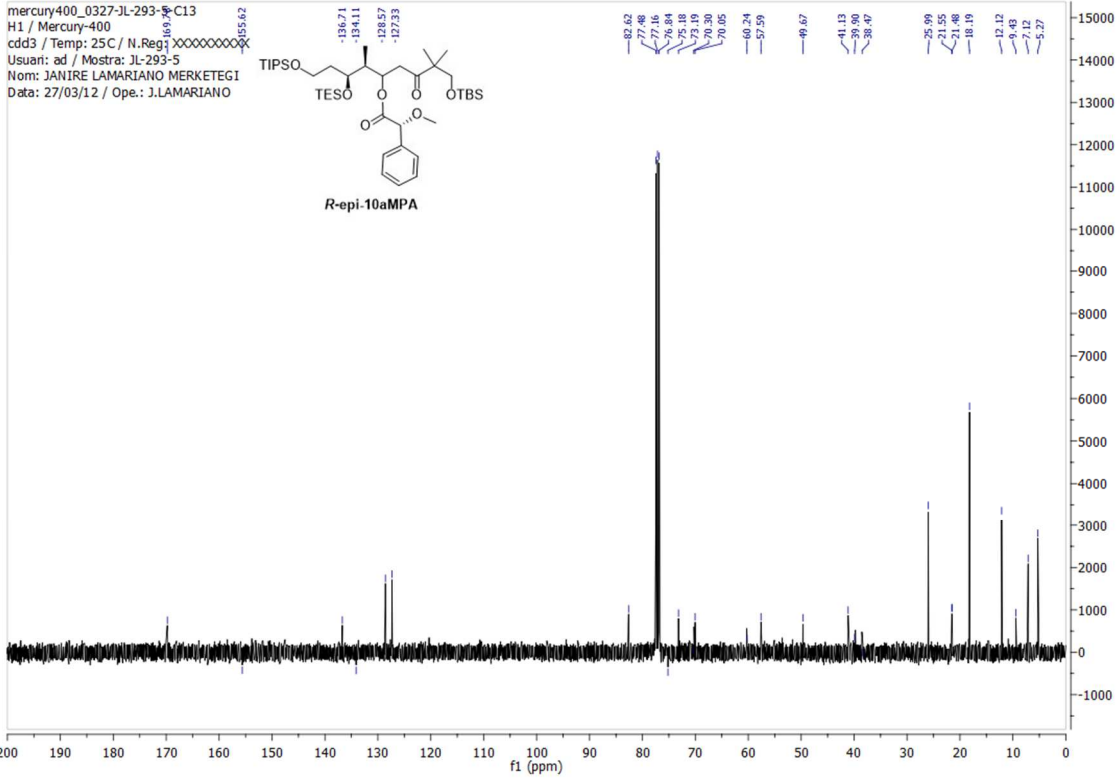
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 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 06/02/12 / Ope.: J.LAMARIANO

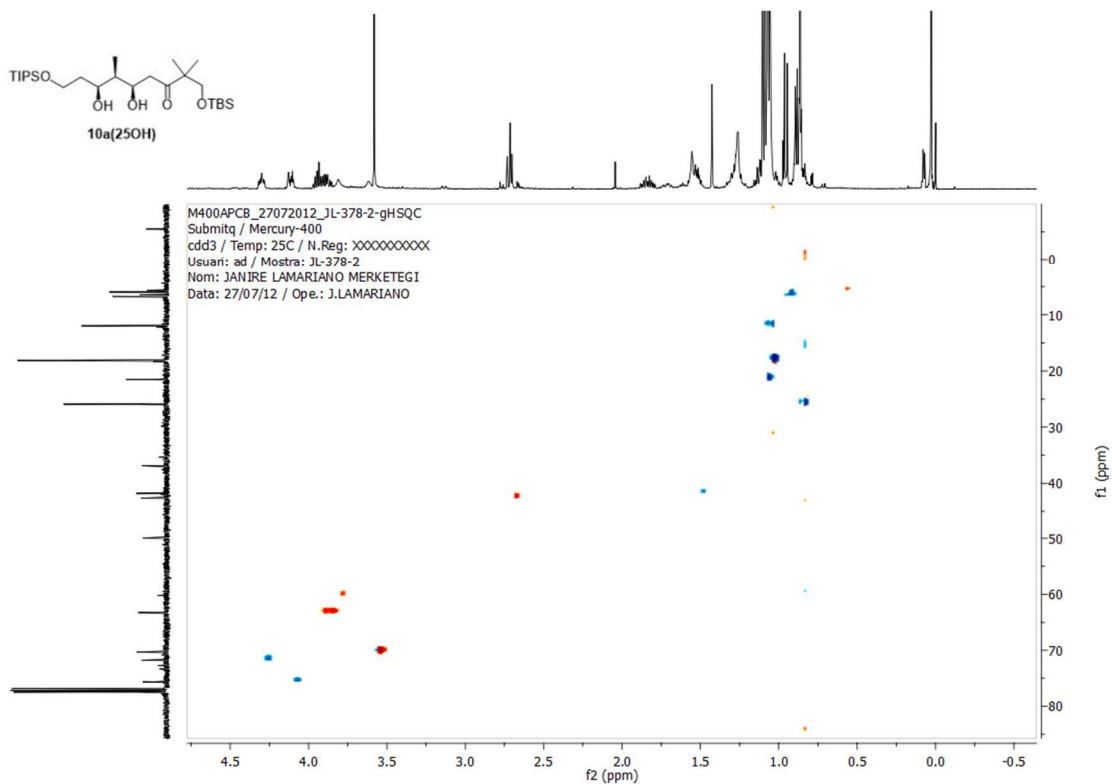




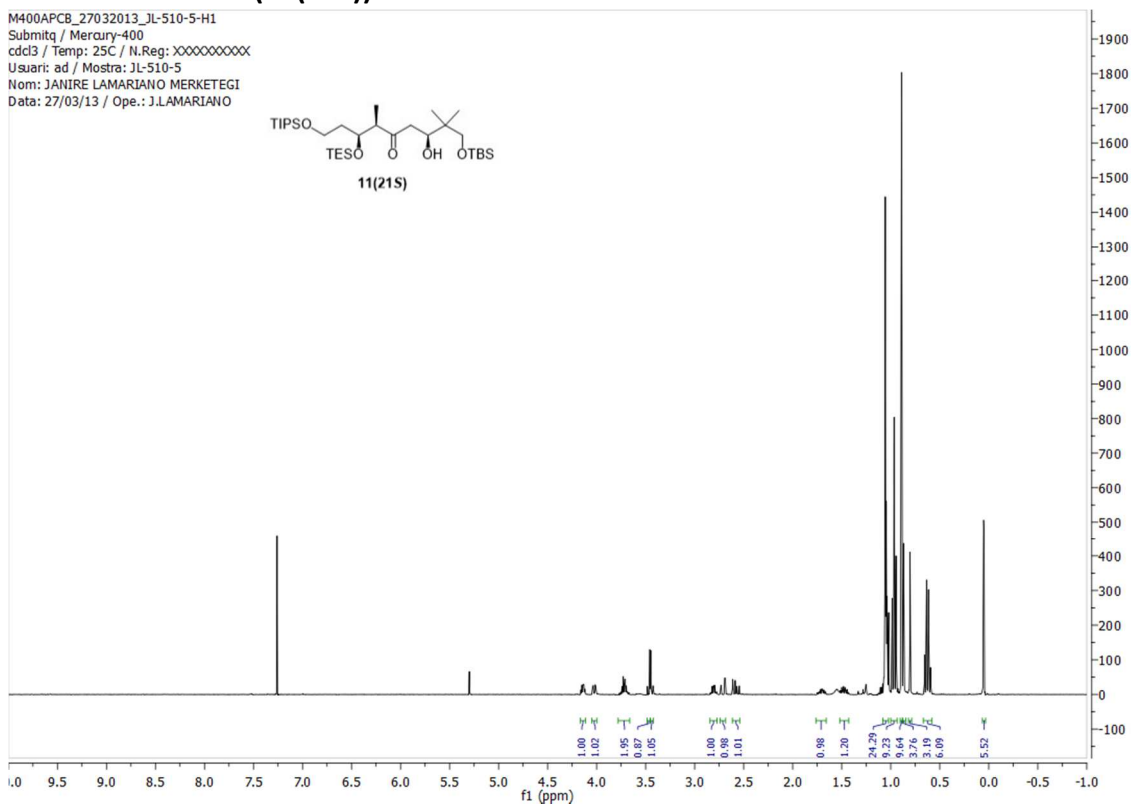
(S)-2-Metoxi-2-fenilacetato de (6S,7S)-1-terc-butilidifenilsiloxi-7-trietilsiloxi-9-triisopropilsiloxi-2,2,6-trimetil-3-oxonon-5-ilo (S-epi-10aMPA)



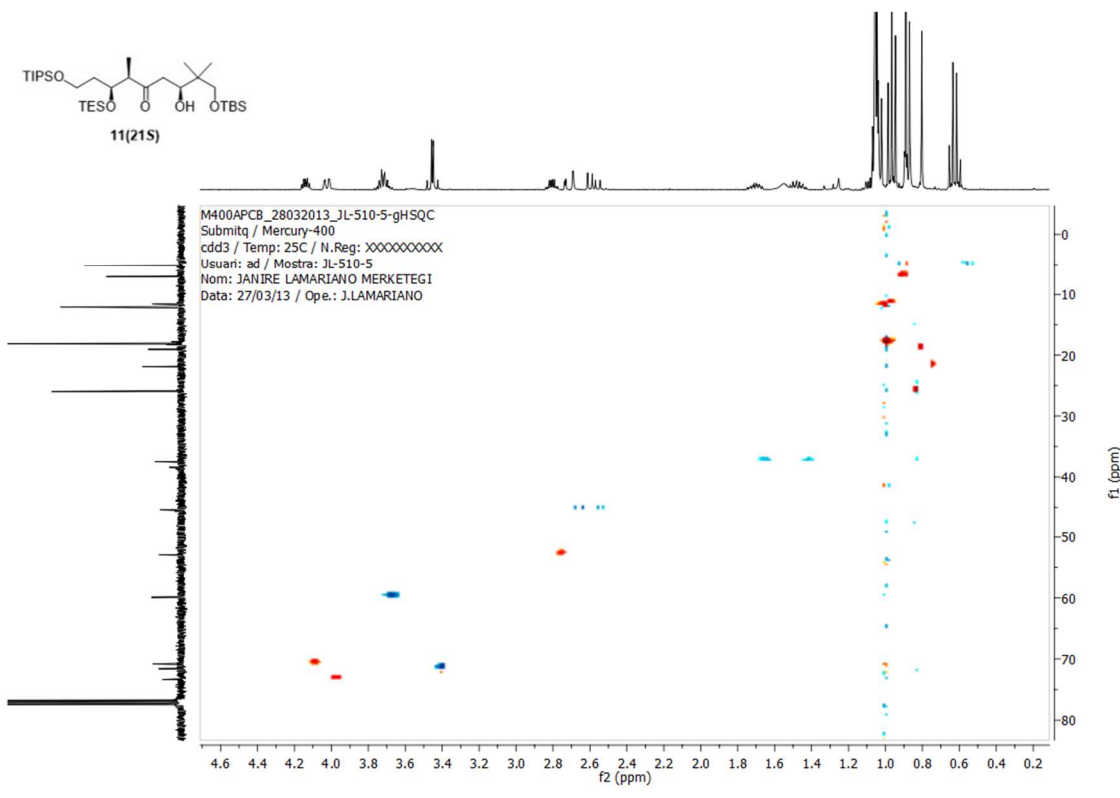
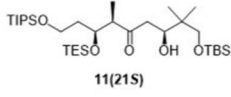
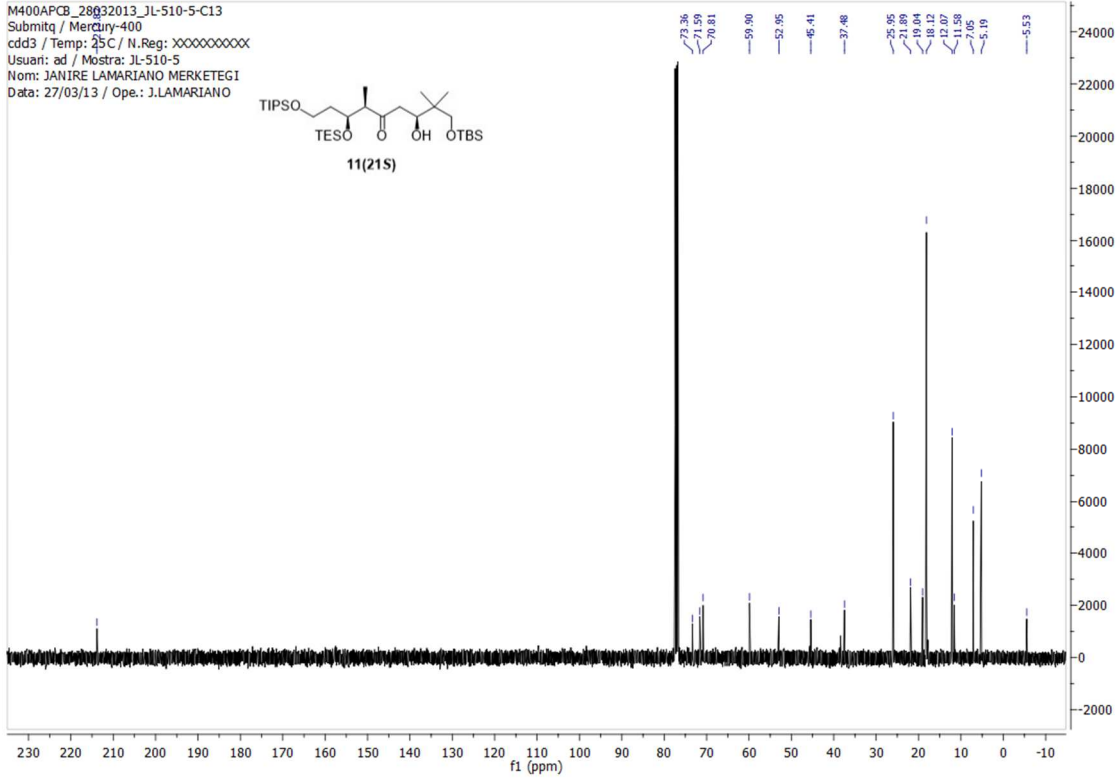
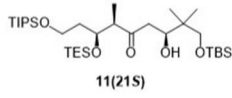




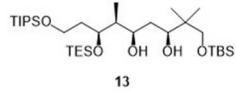
(3S,6R,7S)-1-*tert*-Butildifenilsiloxi-7-trietilsiloxi-3-hidroxi-9-triisopropiloxi-2,2,6-trimetilnon-5-ona (11(21S))



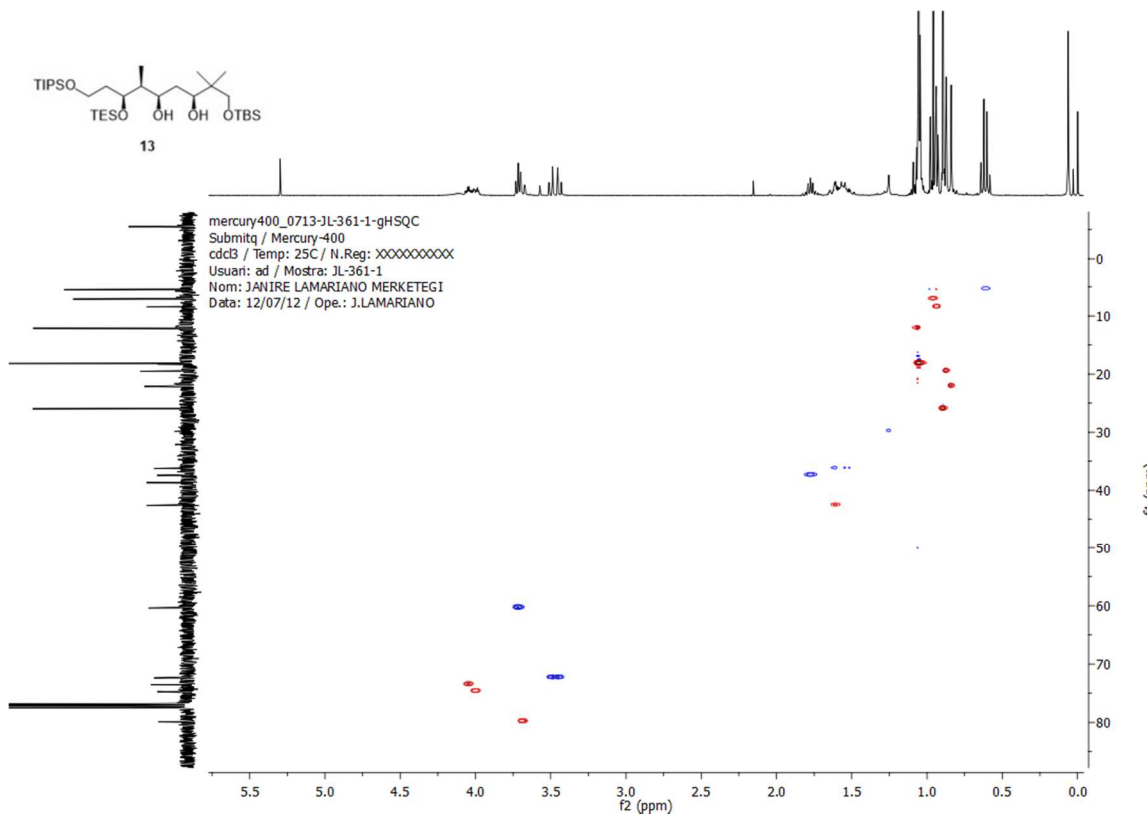
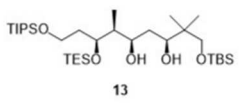
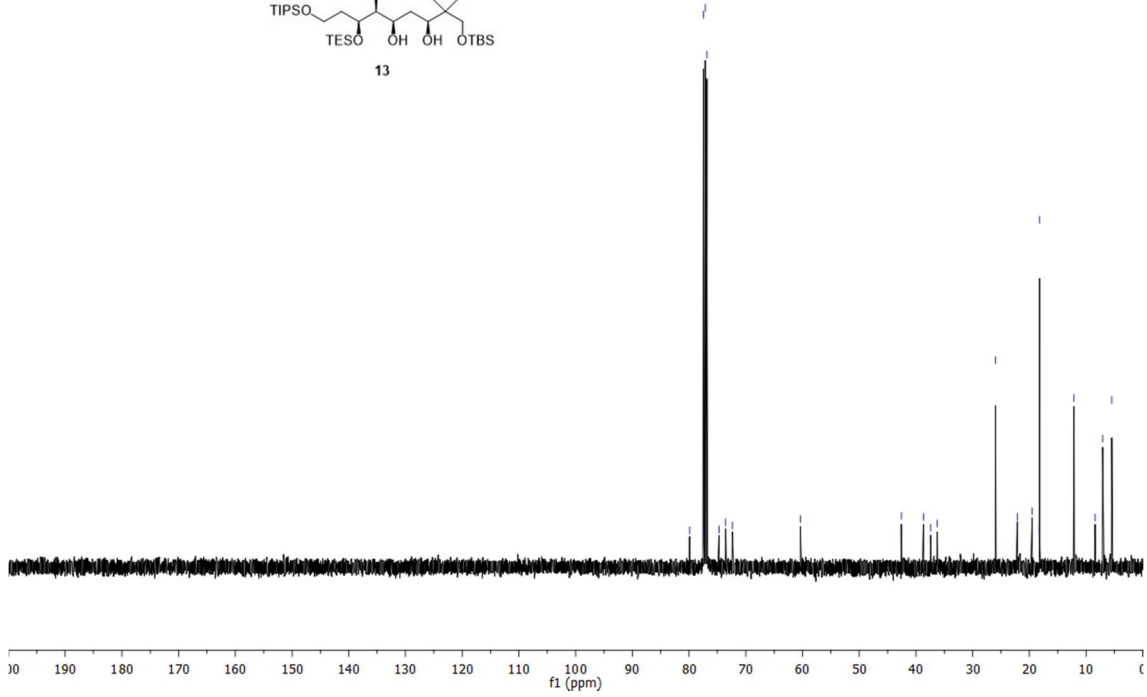
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 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 27/03/13 / Ope.: J.LAMARIANO



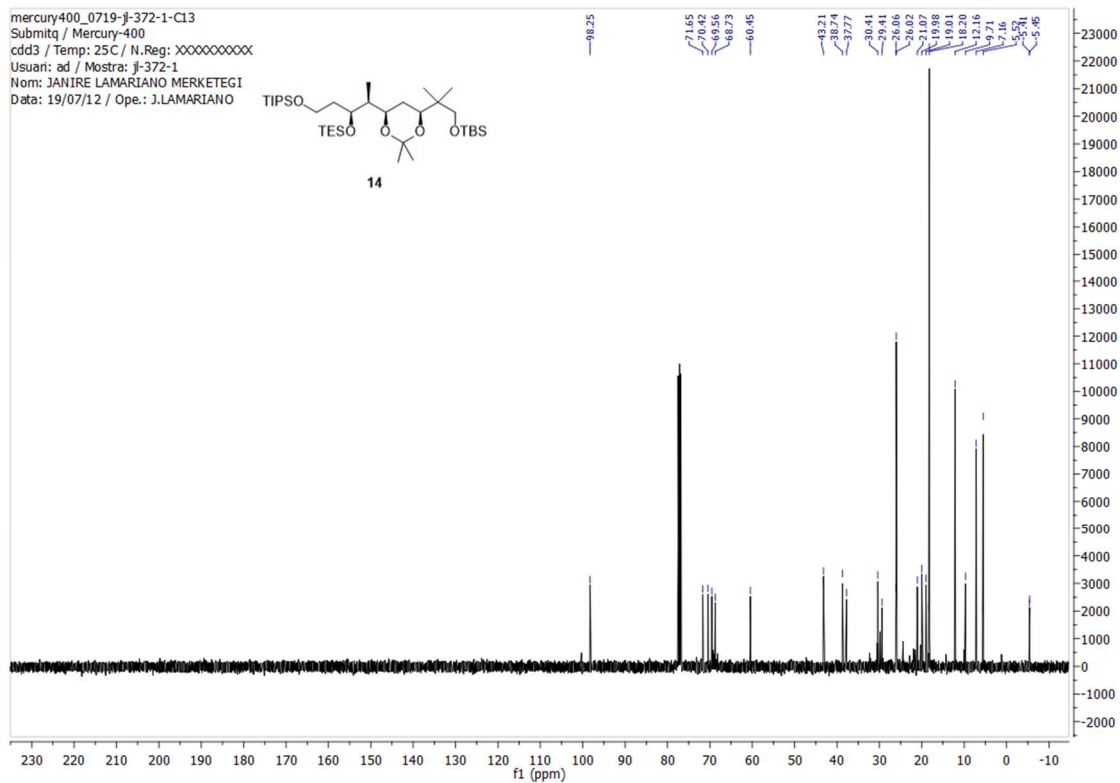
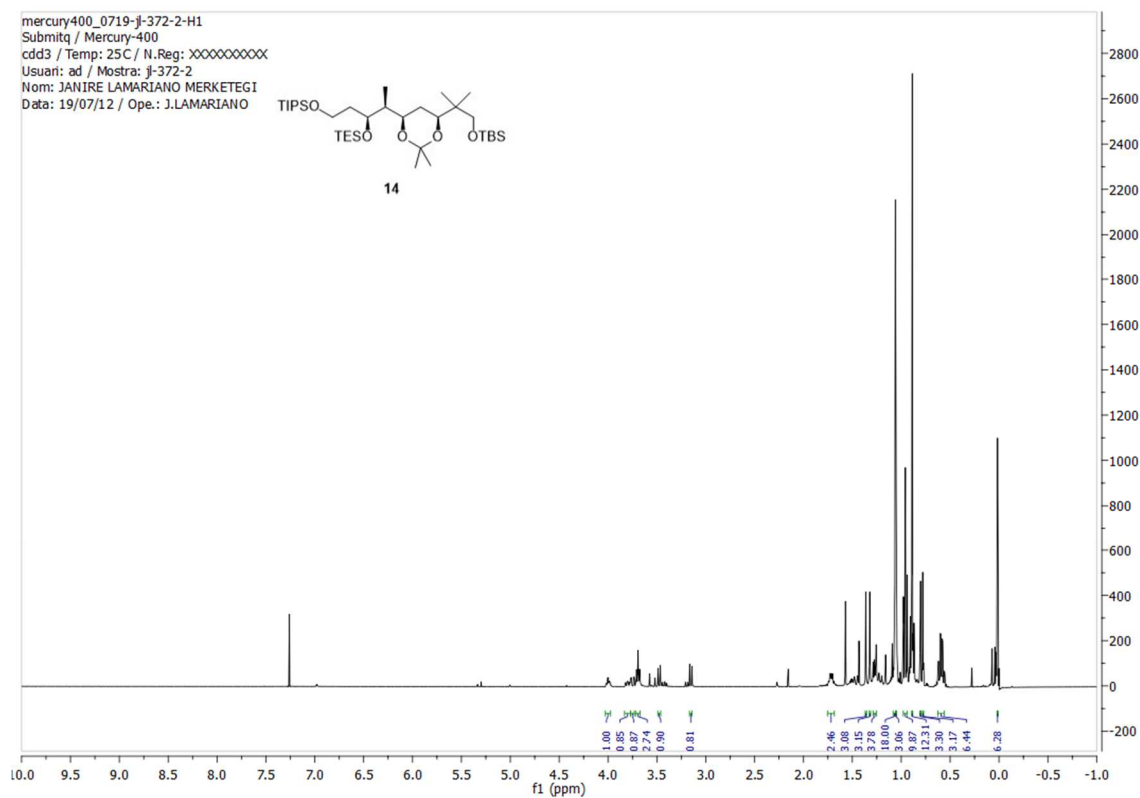
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 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 12/07/12 / Ope.: J.LAMARIANO

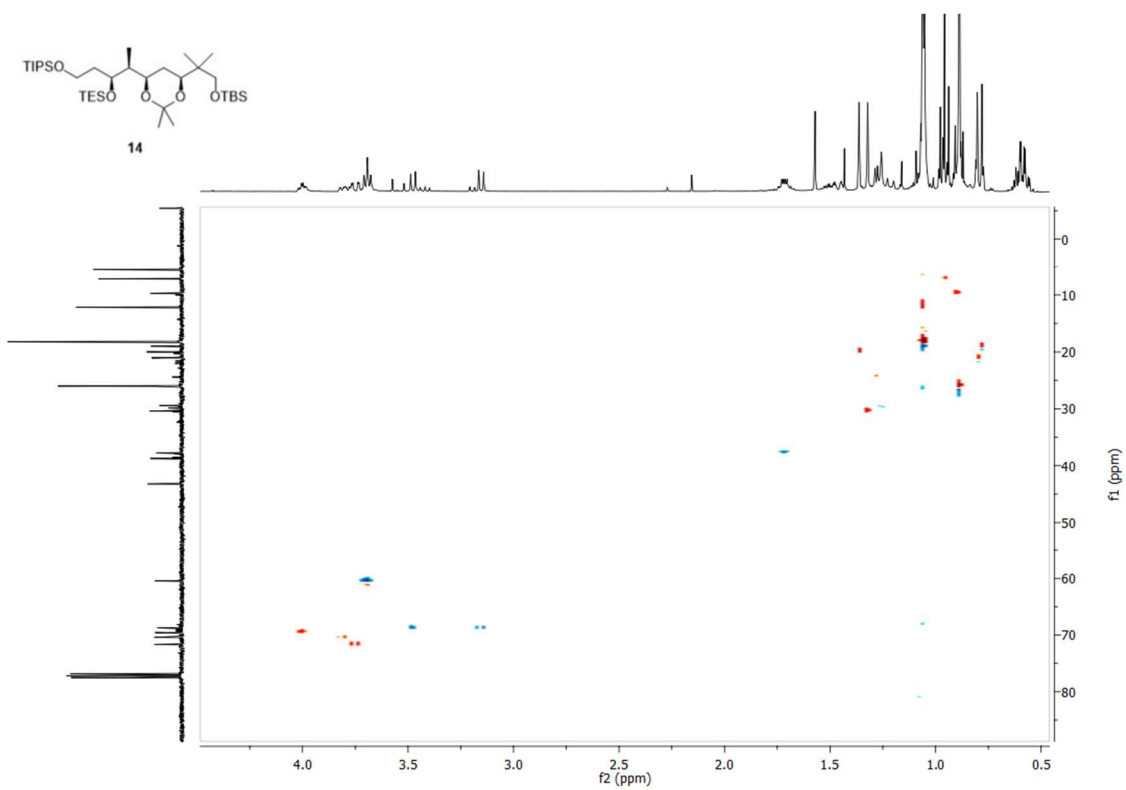


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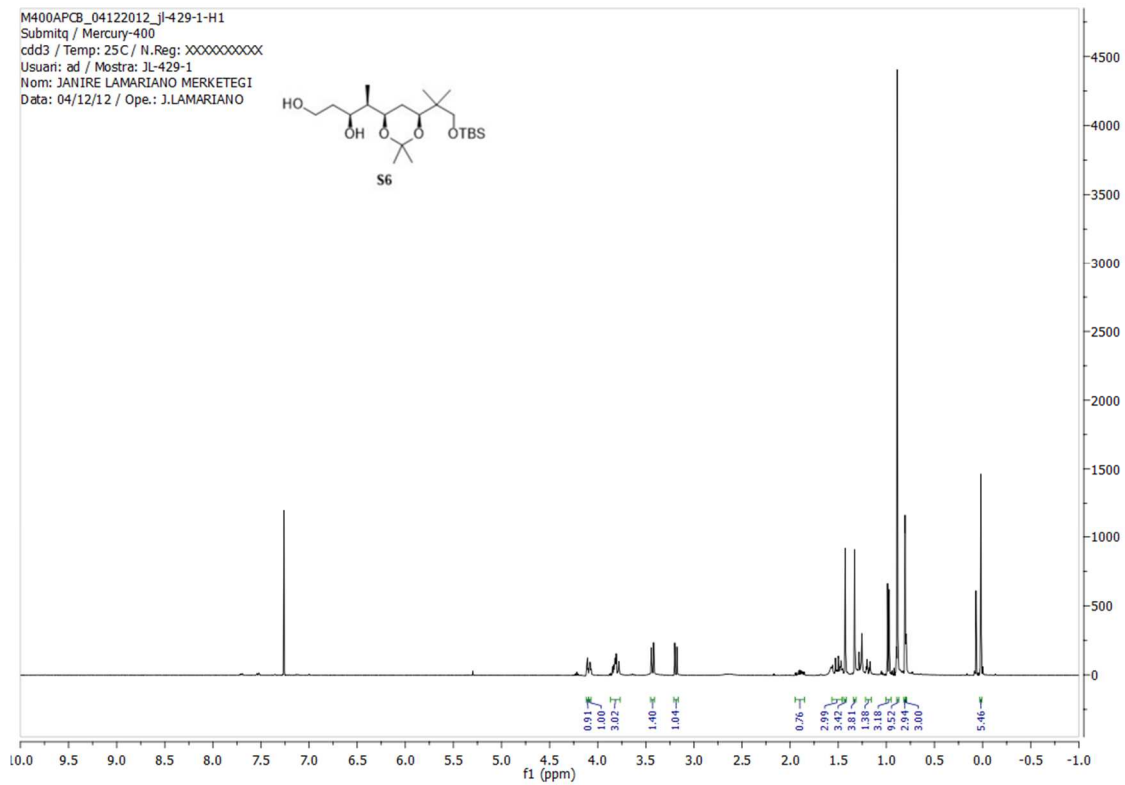


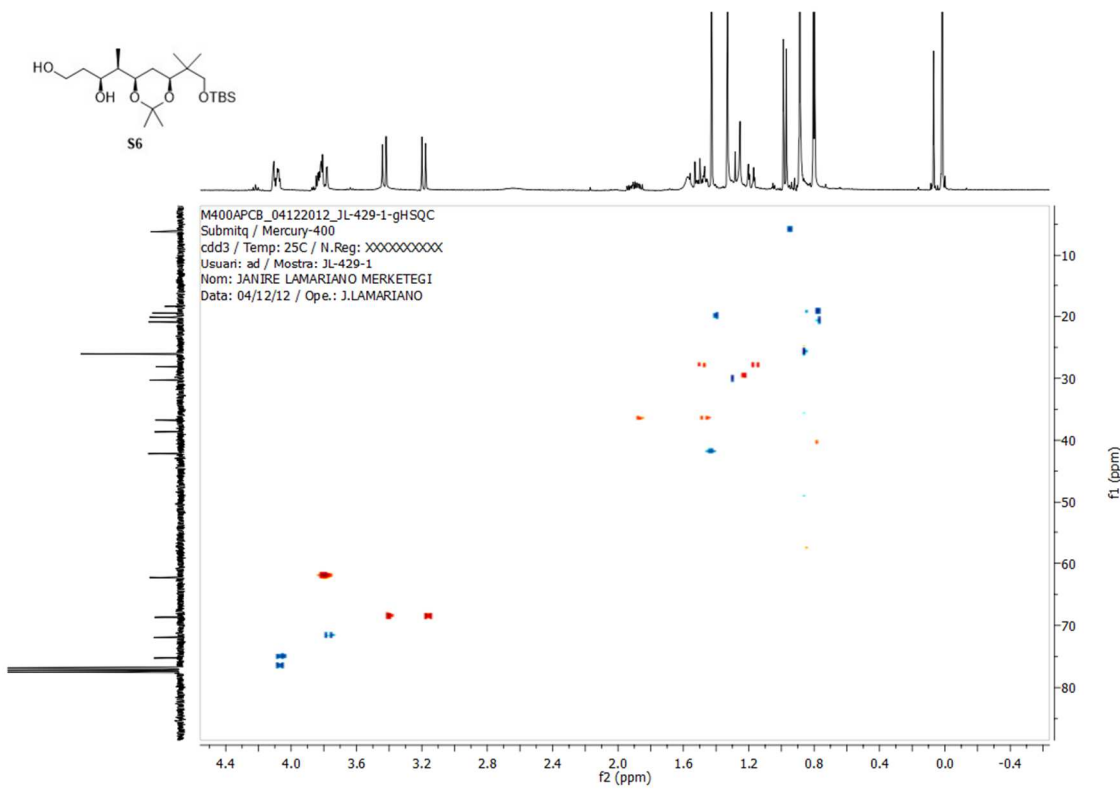
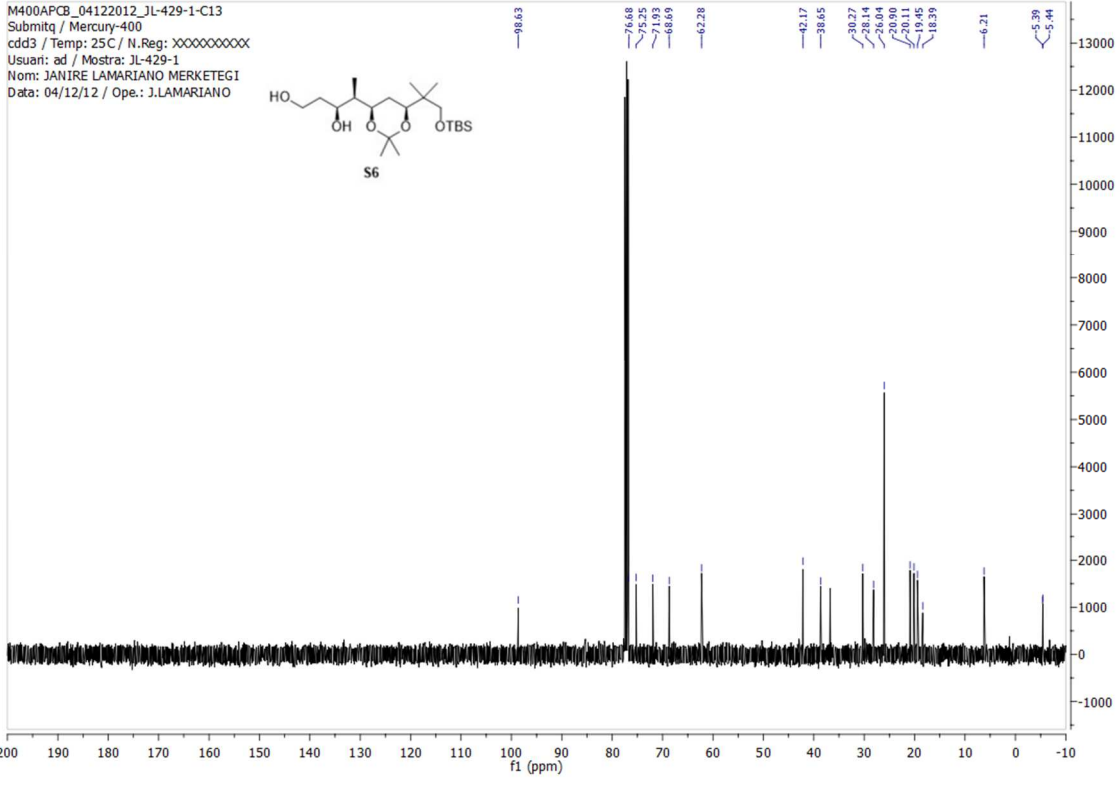
5,7-Acetónido de (3*S*,4*R*,5*R*,7*S*)-9-(*tert*-butildimetilsililoxi)-3-trietilsililoxi-1-triisopropilsililoxi-4,8,8-trimetilnonano-5,7-diol (14)



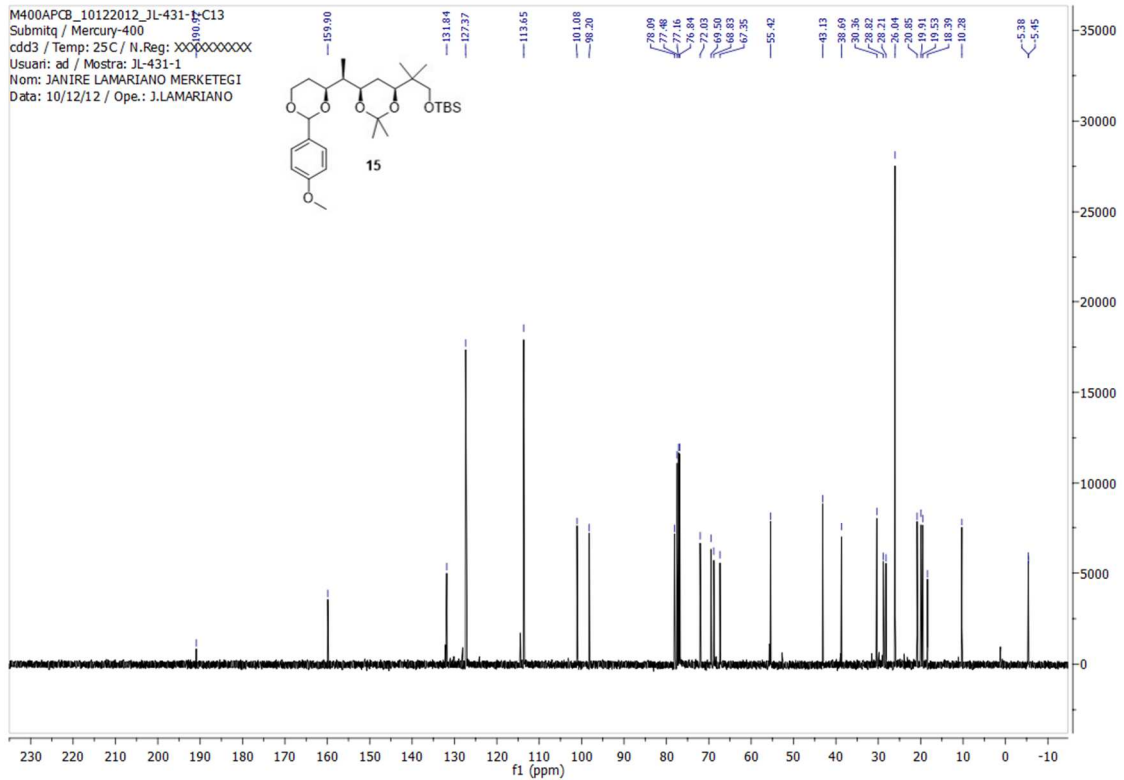
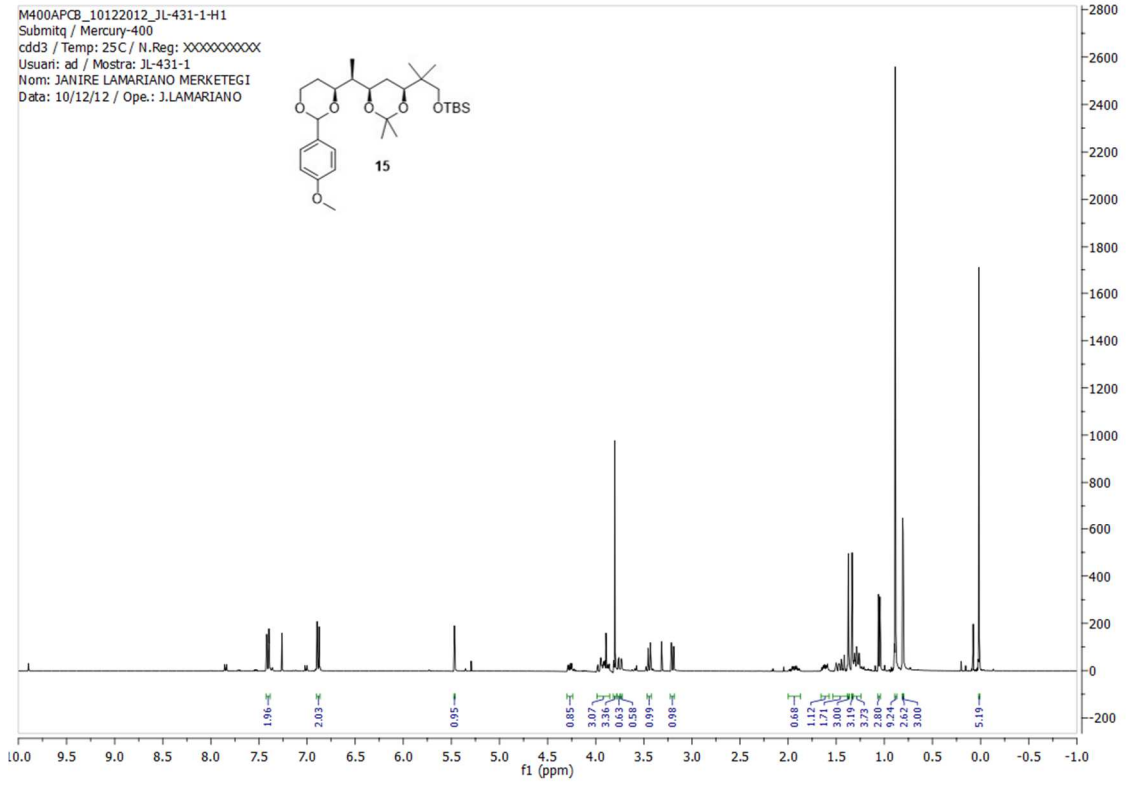


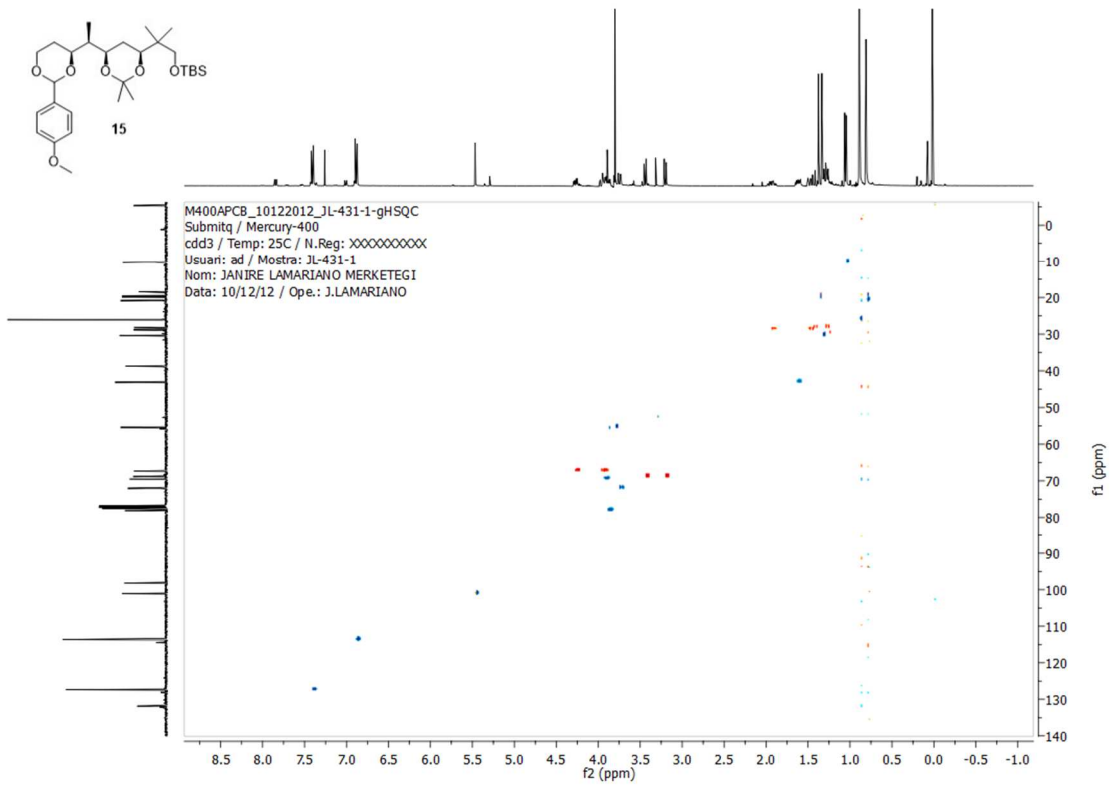
5,7-Acetónido de (3*S*,4*R*,5*R*,7*S*)-9-(*tert*-butildimetilsililo)-4,8,8-trimetilnonano-1,3,5,7-tetraol (S6)





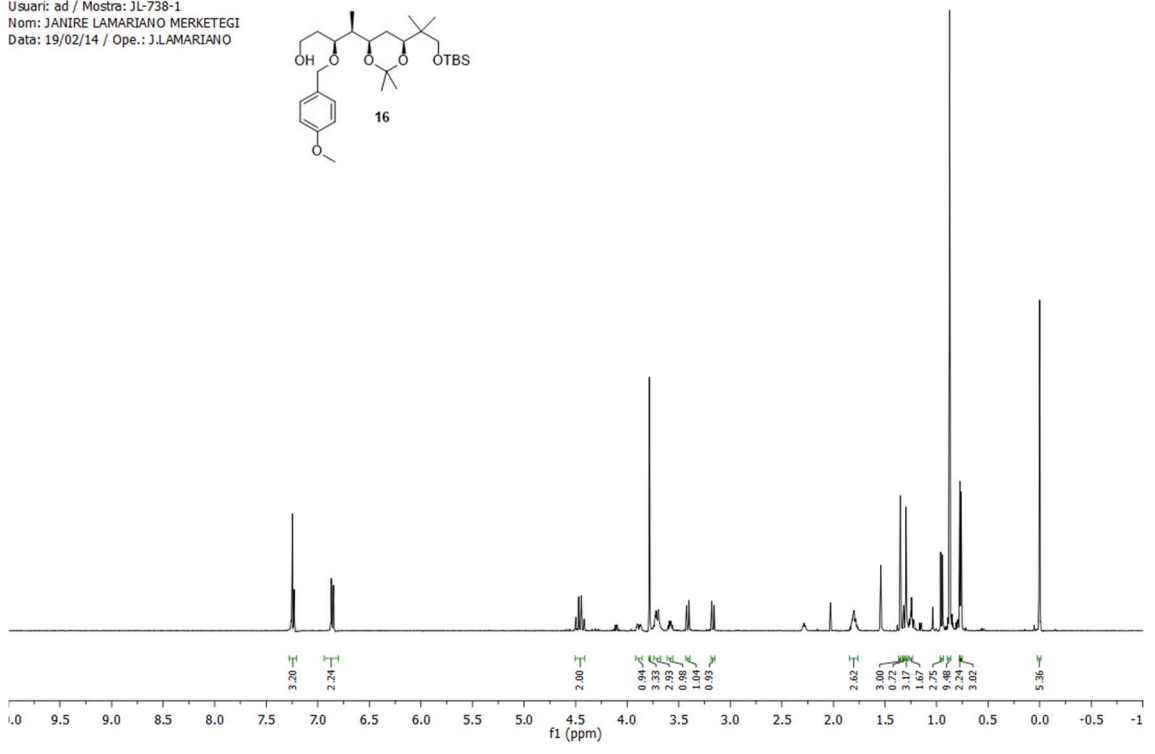
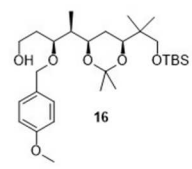
5,7-Acetonido, 1,3-(*p*-metoxibenciliden)acetal de (3*S*,4*R*,5*R*,7*S*)-9-(*terc*-butildimetilsiloxi)-4,8,8-trimetilnonano-1,3,5,7-tetraol (15)



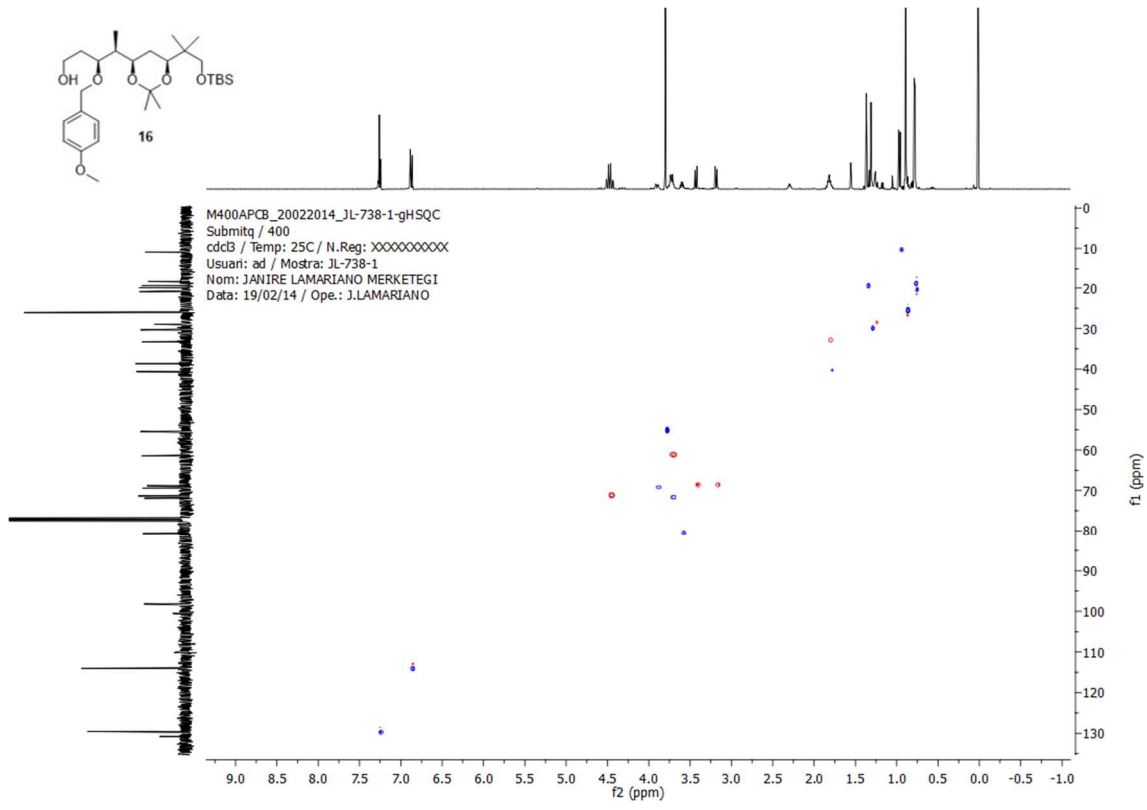
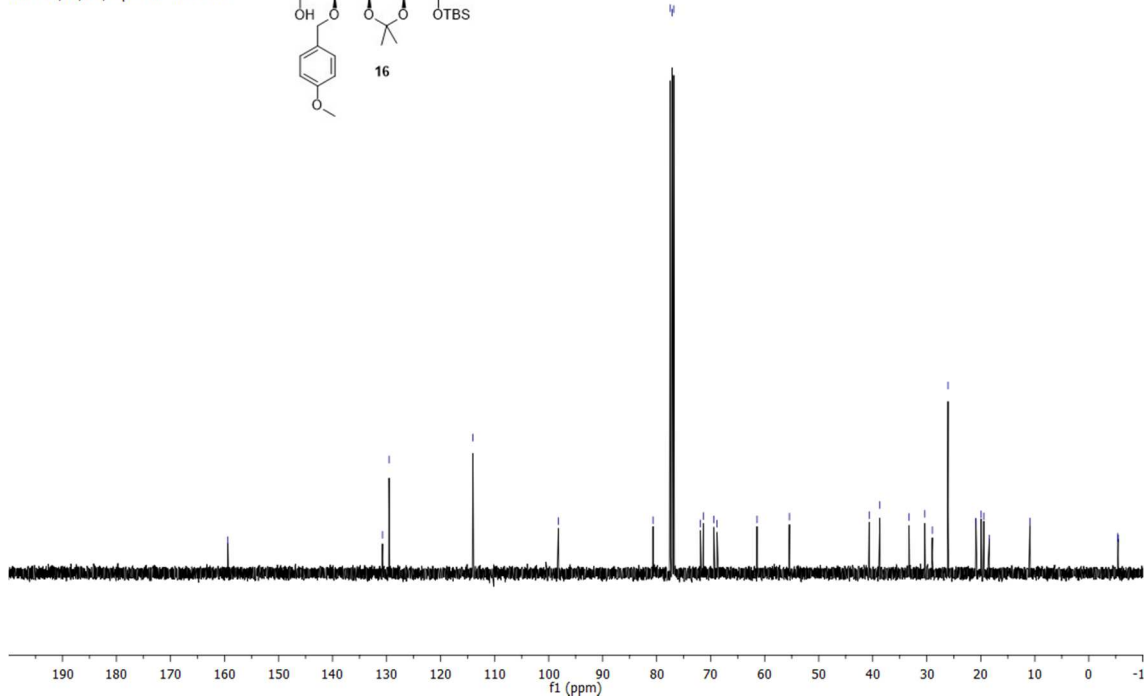
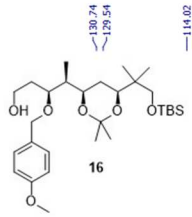


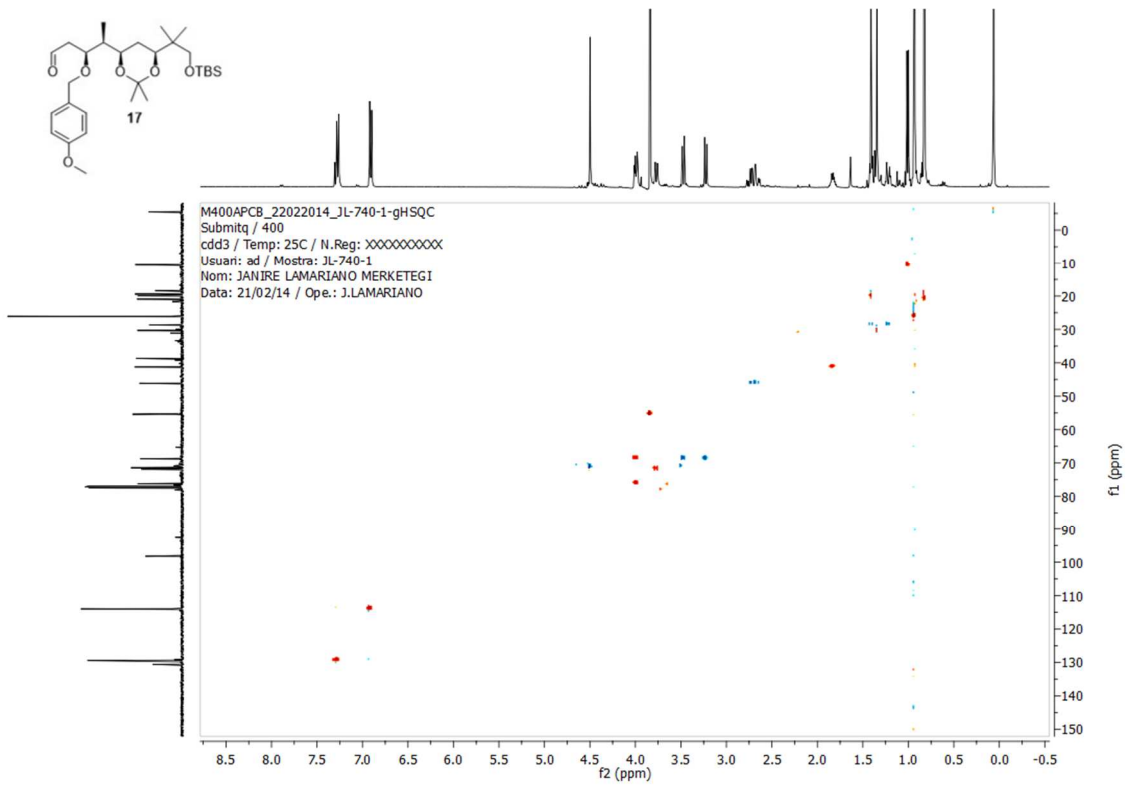
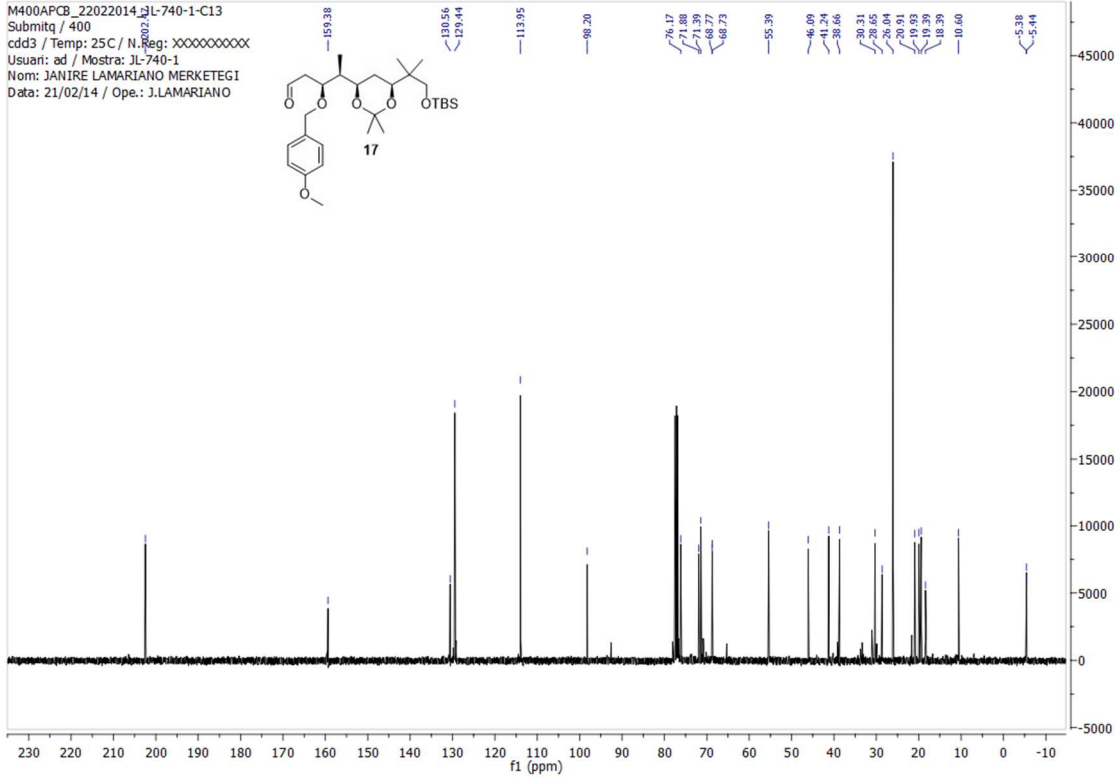
5,7-Acetonido de (3S,4R,5R,7S)-9-(*terc*-butildimetilsiloxi)-3-(4-metoxibenciloxi)-4,8,8-trimetilnonano-1,3,5,7-tetraol (16)

M400APCB_19022014_JL-738-1-H1
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 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 19/02/14 / Ope.: J.LAMARIANO

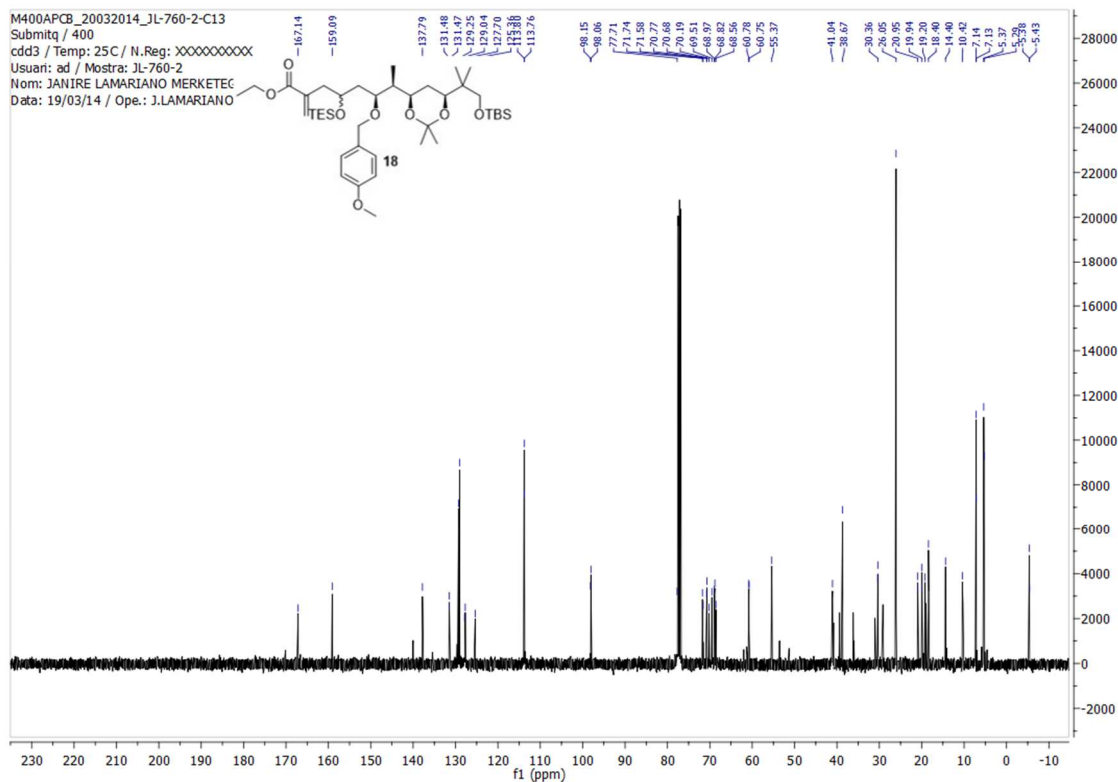
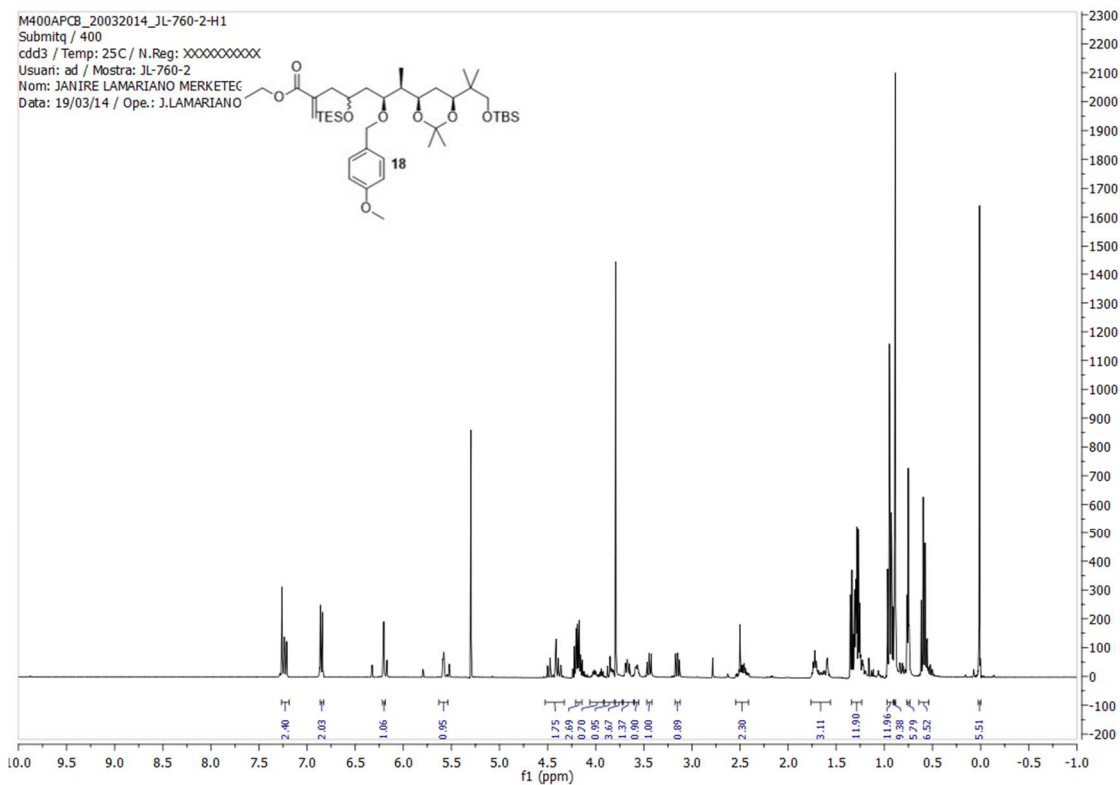


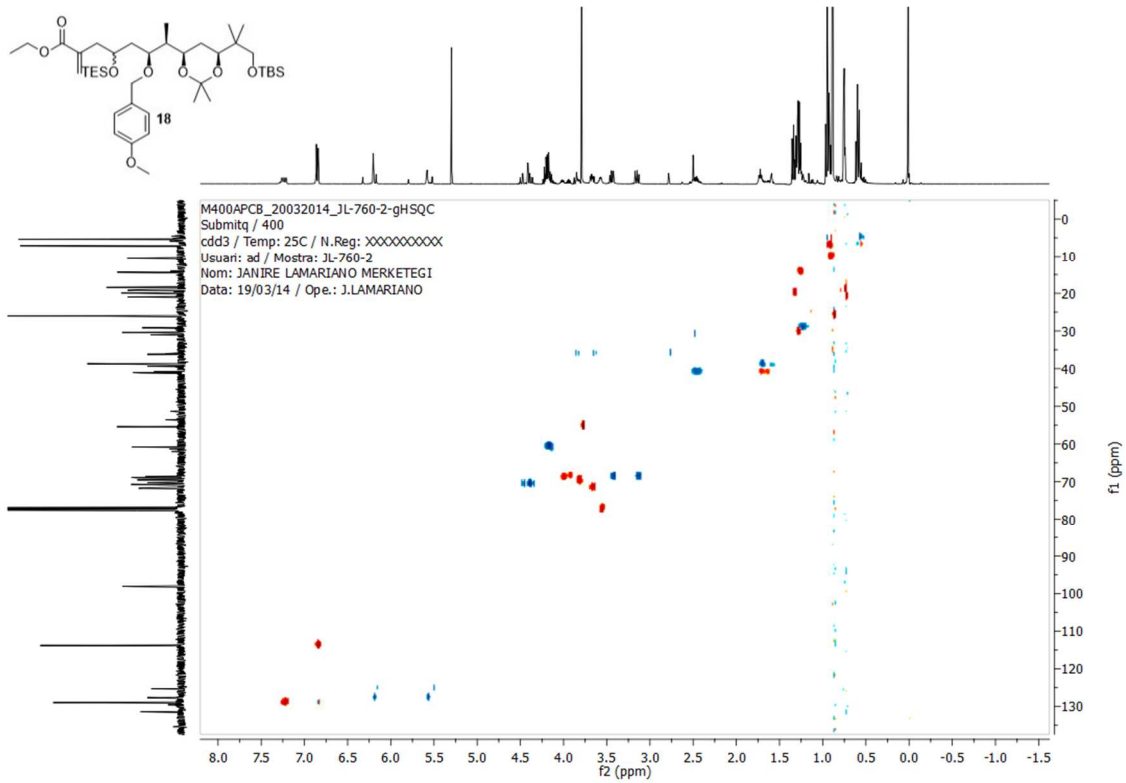
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 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 19/02/14 / Ope.: J.LAMARIANO



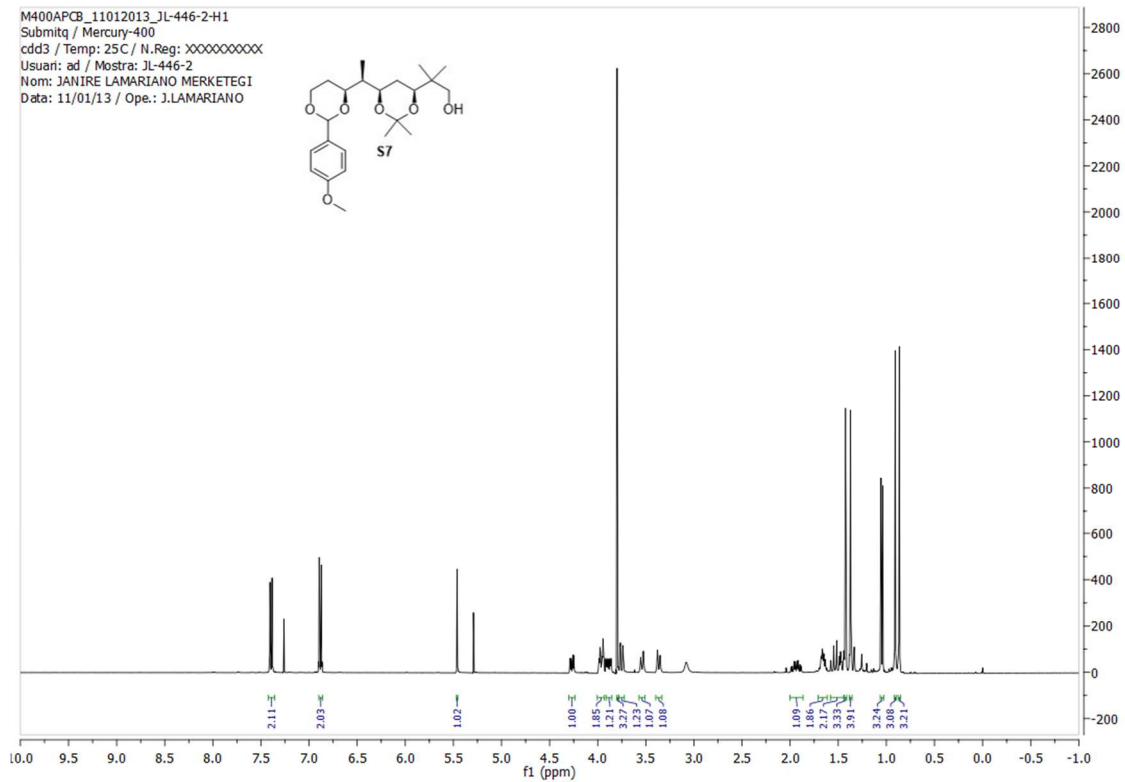


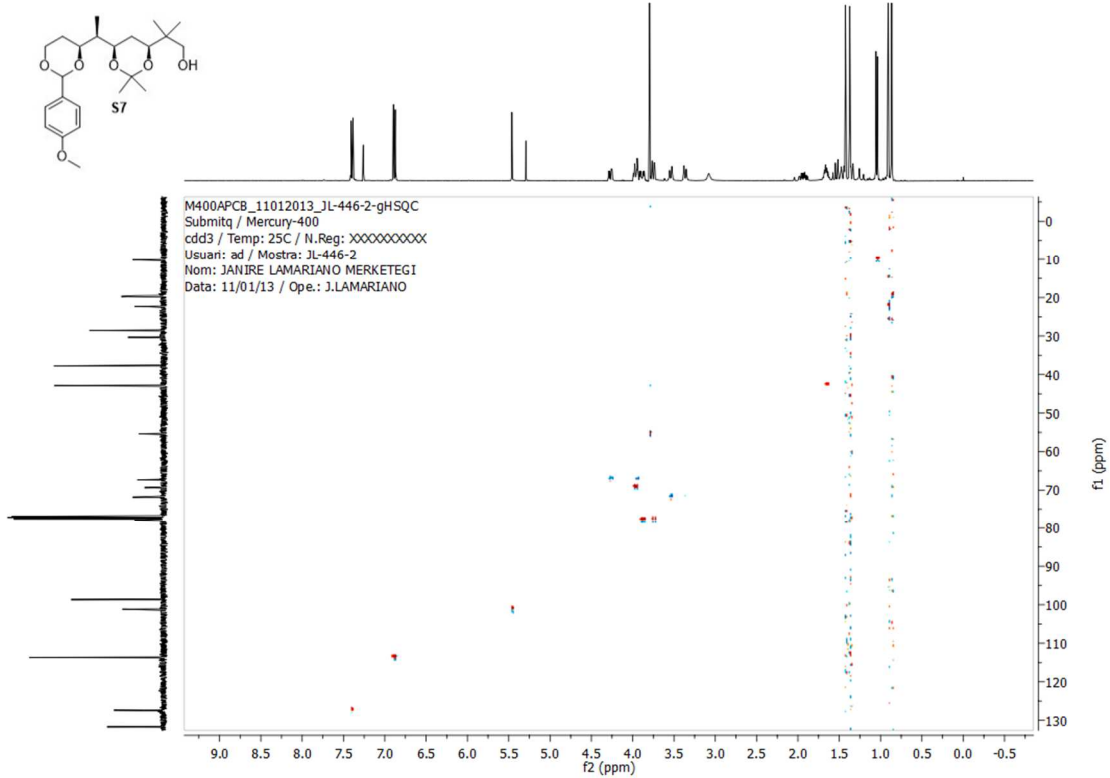
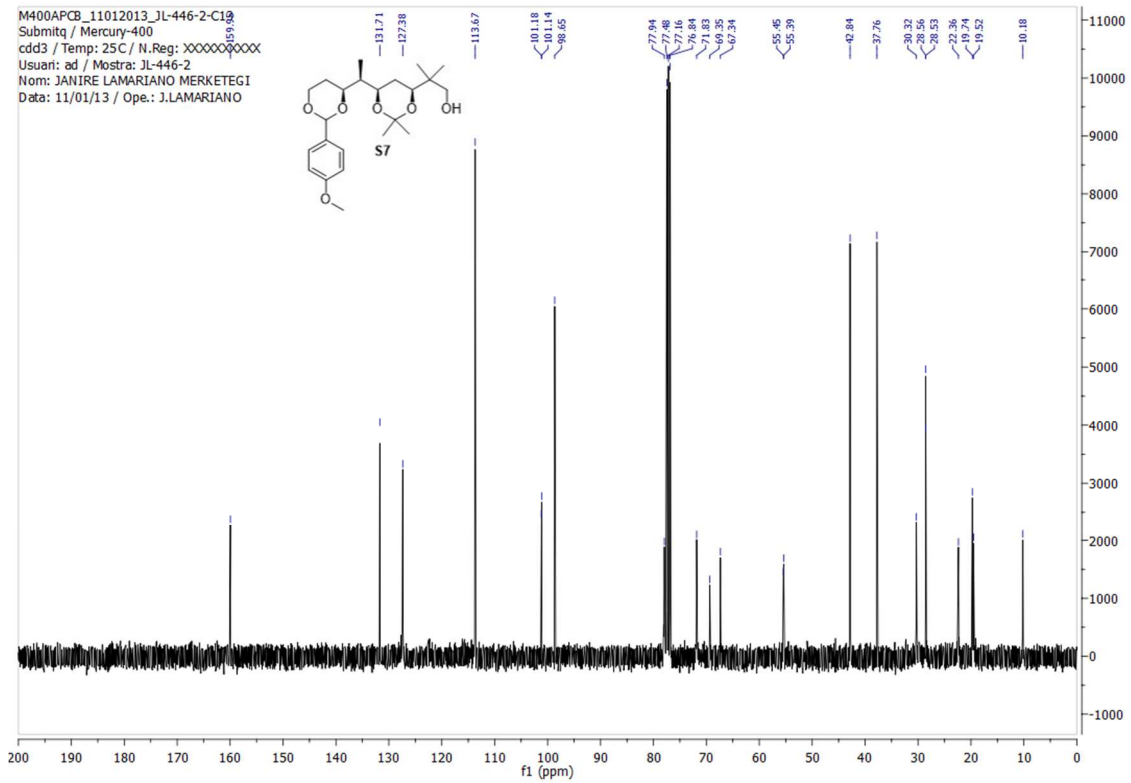
5,7-Acetonido del (6S,7S,8R,10S)-12-(*tert*-butildimetilsililoxi)-8,10-dihidroxi-4-(trietilsililoxi)-7,11,11-trimetil-2-metiliden-6-(4-metoxibenciloxi)dodecanoato de etilo (18)



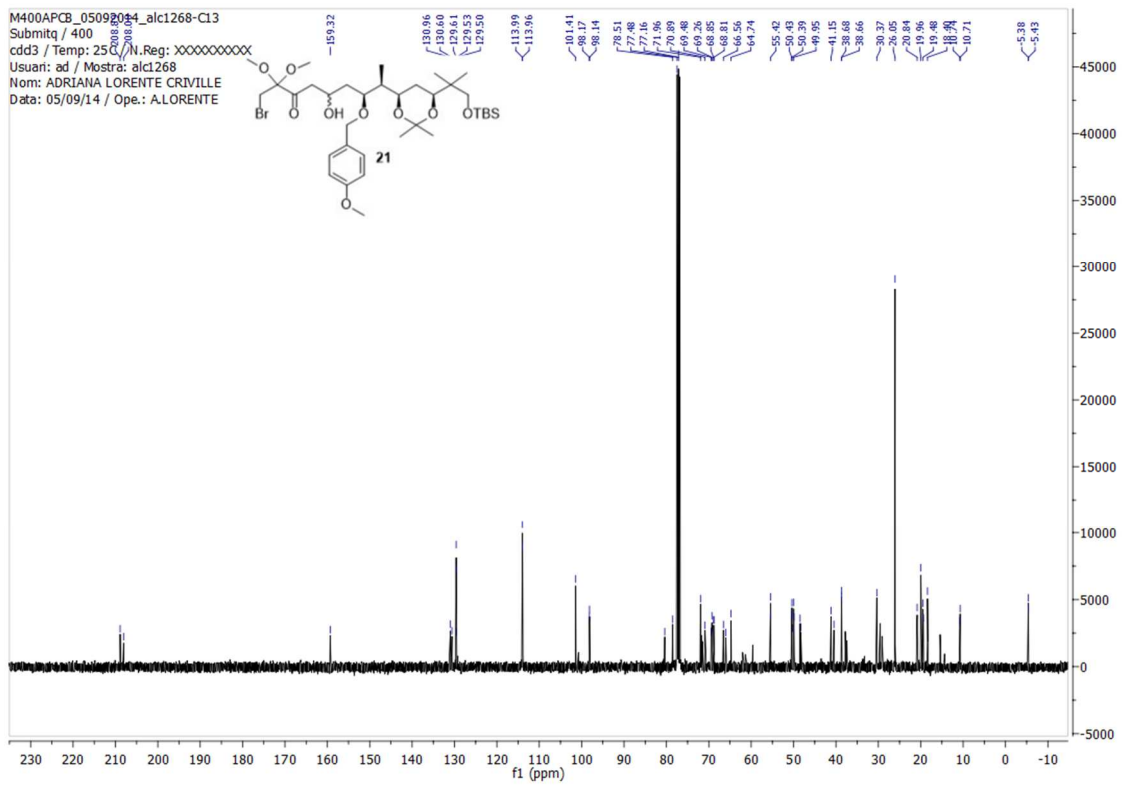
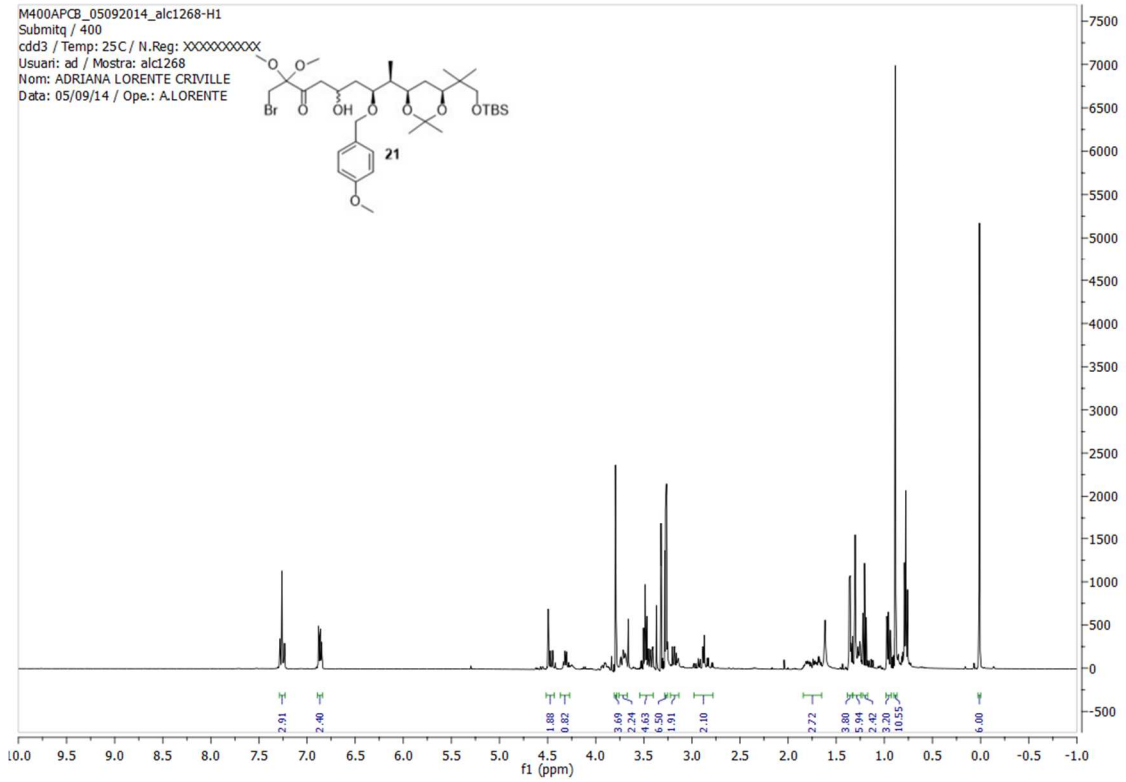


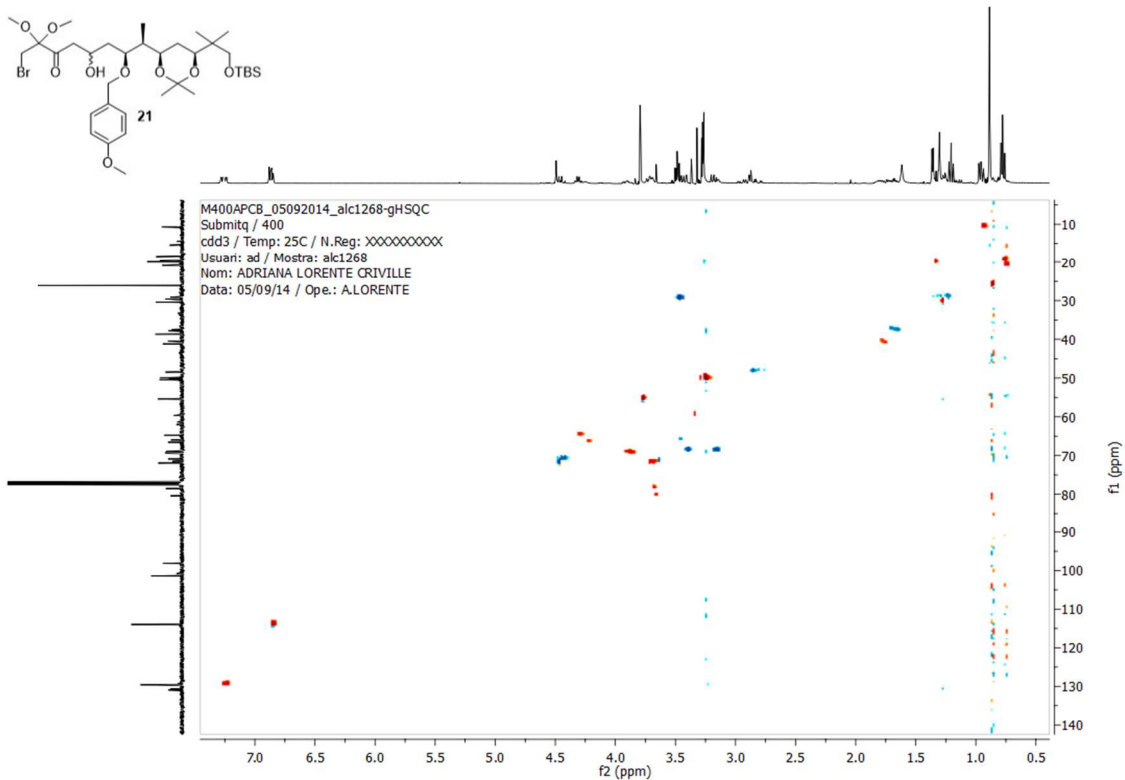
5,7-acetónido, 1,3-(*p*-metoxibenciliden)acetal de (3*S*,4*R*,5*R*,7*S*)-4,8,8-trimetilnonano-1,3,5,7,9-pentaol (S7)



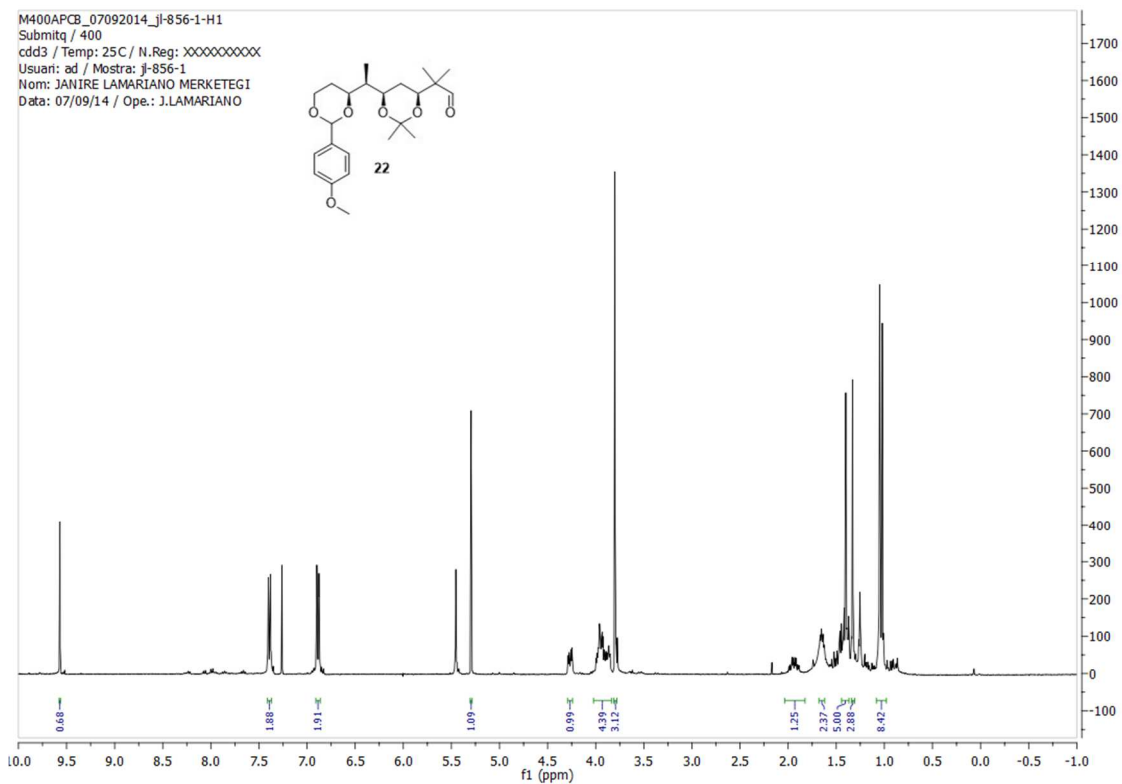


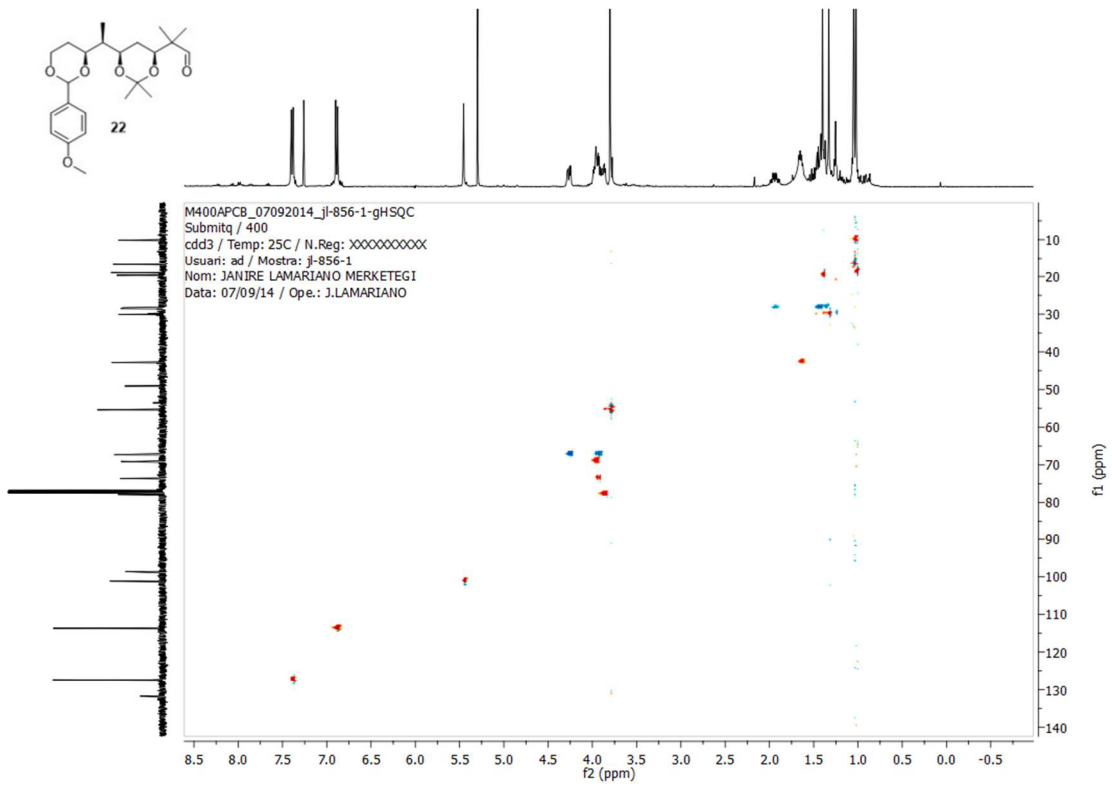
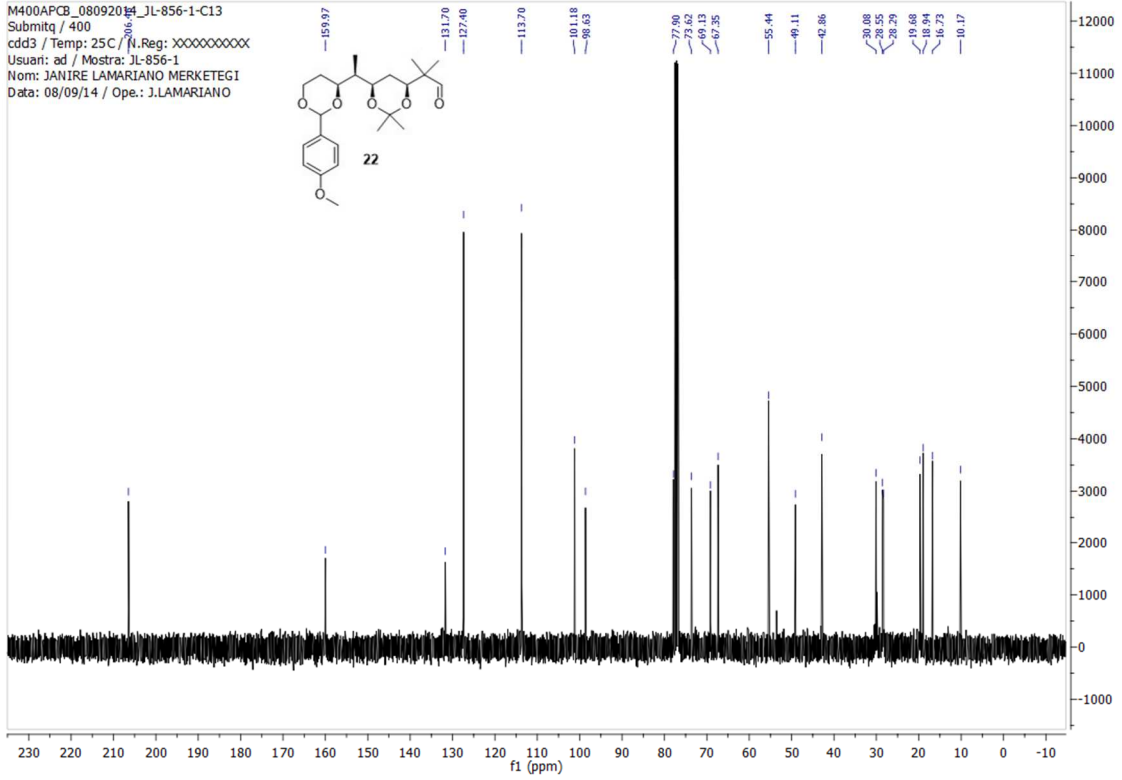
9,11-Acetónido de (7S,8S,9R,11S)-1-bromo-13-(*terc*-butildimetilsililoxi)-5,9,11-trihidroxi-8,12,12-trimetil-2,2-dimetoxi-7-(4-metoxibenciloxi)tridecan-3-ona (21)



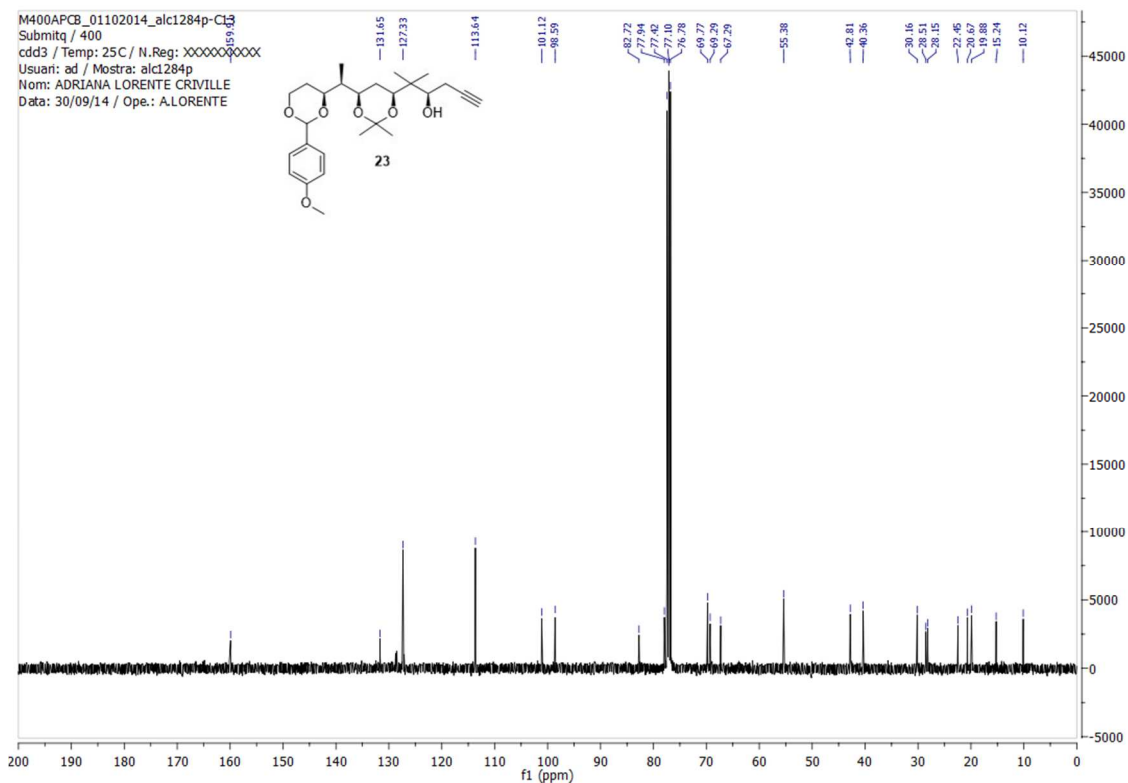
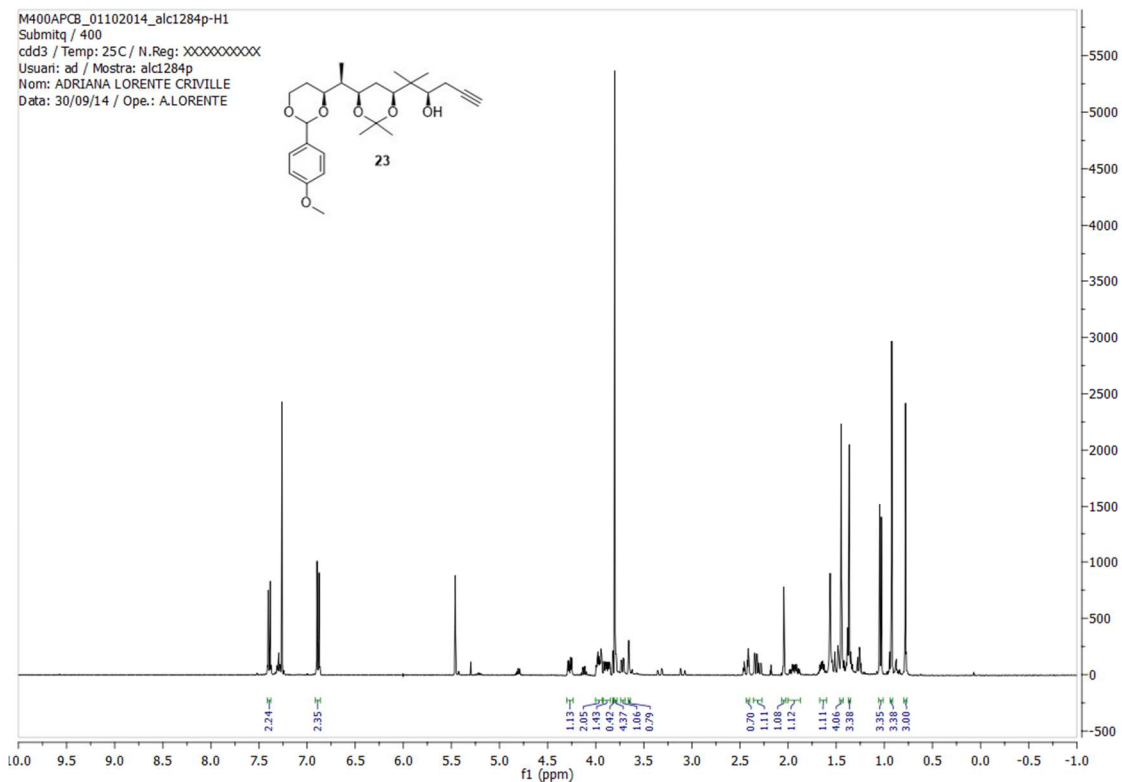


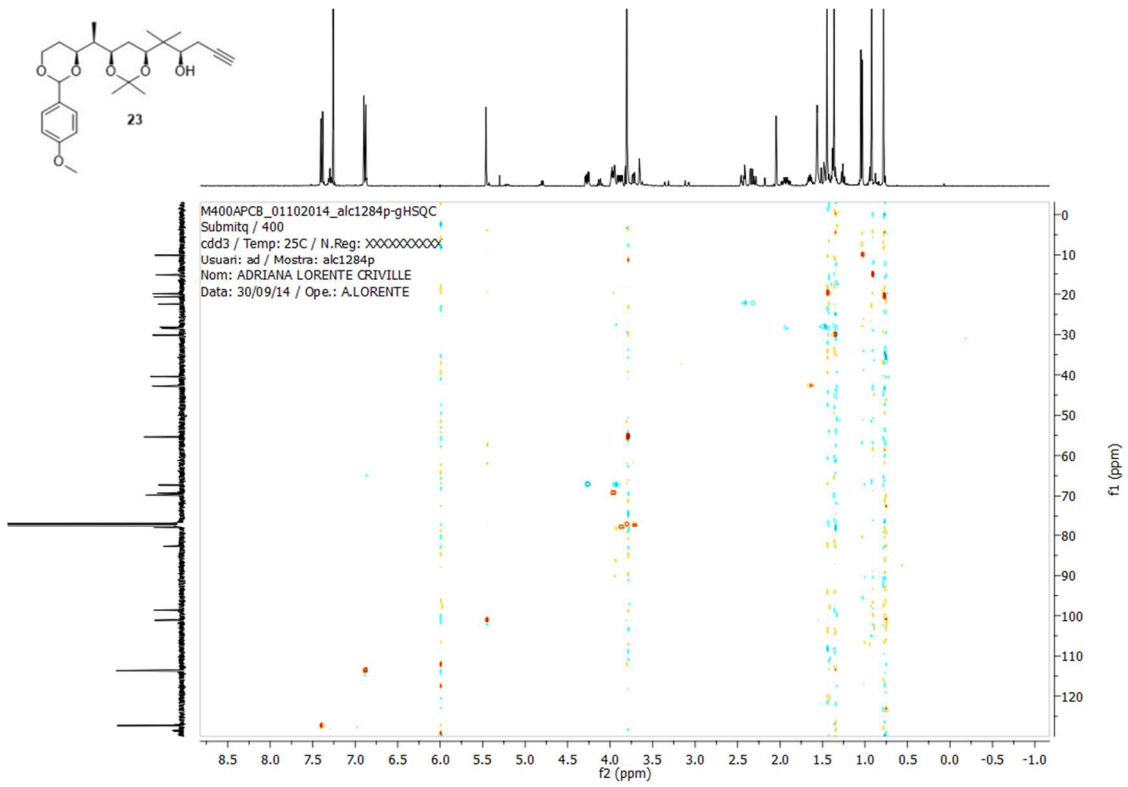
3,5-Acetónido, 7,9-(*p*-metoxibenciliden)acetal de (3*S*,5*R*,6*R*,7*S*)-3,5,7,9-tetrahidroxi-2,2,6-trimetilnonanal (22)



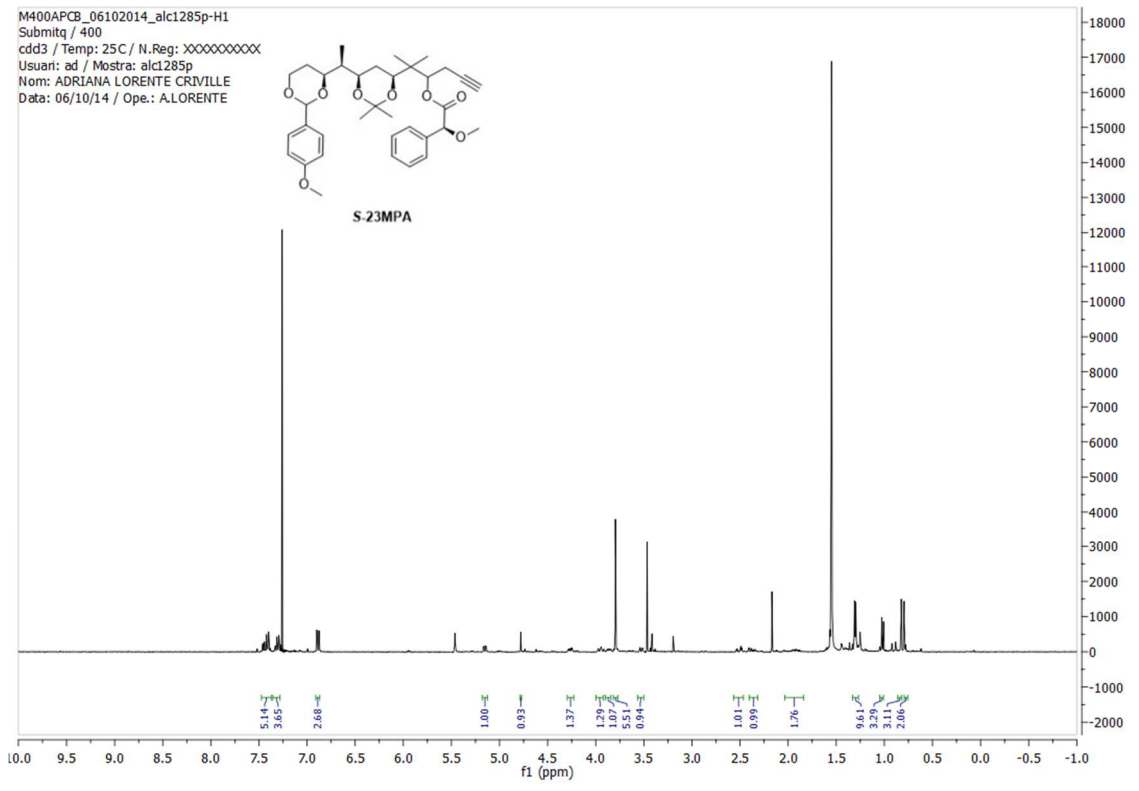


1,3-Acetónido, 5,7-(*p*-metoxibenciliden)acetal (3*S*,4*R*,5*R*,7*S*,9*R*)-4,8,8-trimetildodec-11-ino-1,3,5,7,9-pentaol (23)

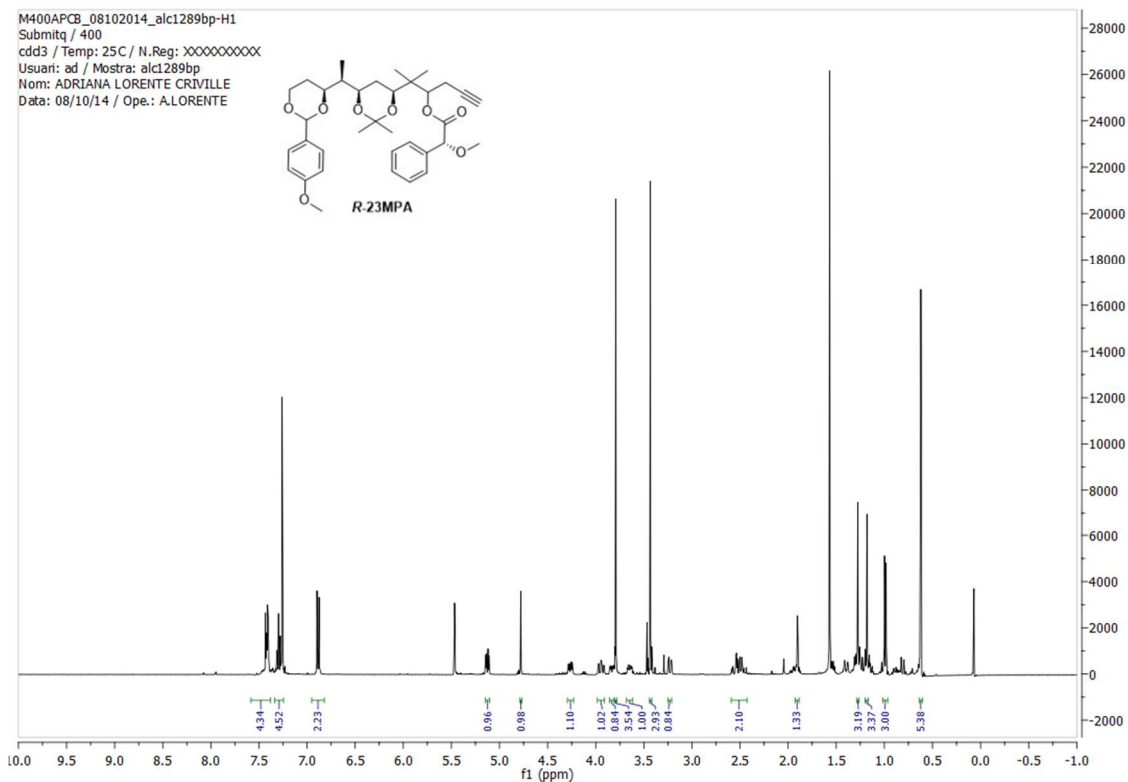




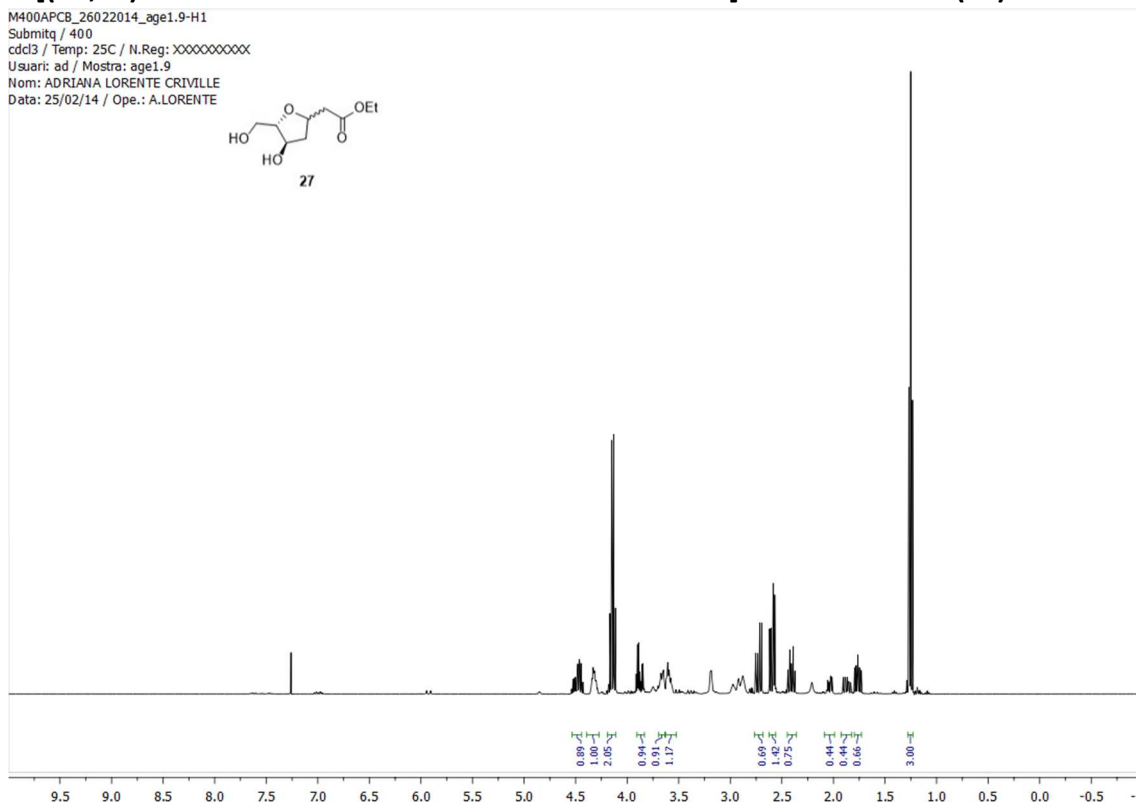
(2S)-2-Metoxi-2-fenilacetato de 6,8-acetónido, 10,12-(*p*-metoxibenciliden)acetal de (6S,8R,9R,10S)-6,8,10,12-tetrahidroxí-5,5,9-trimetildodec-1-in-4-ilo (S-23MPA)



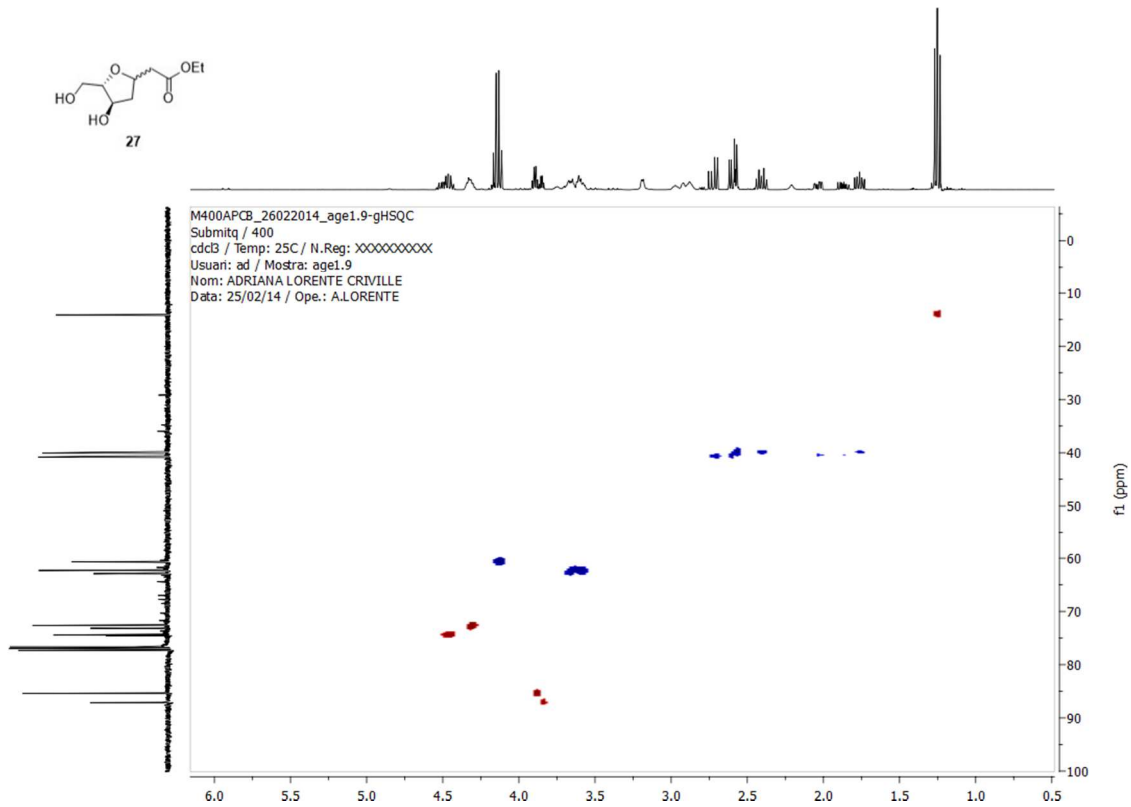
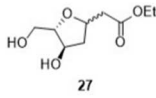
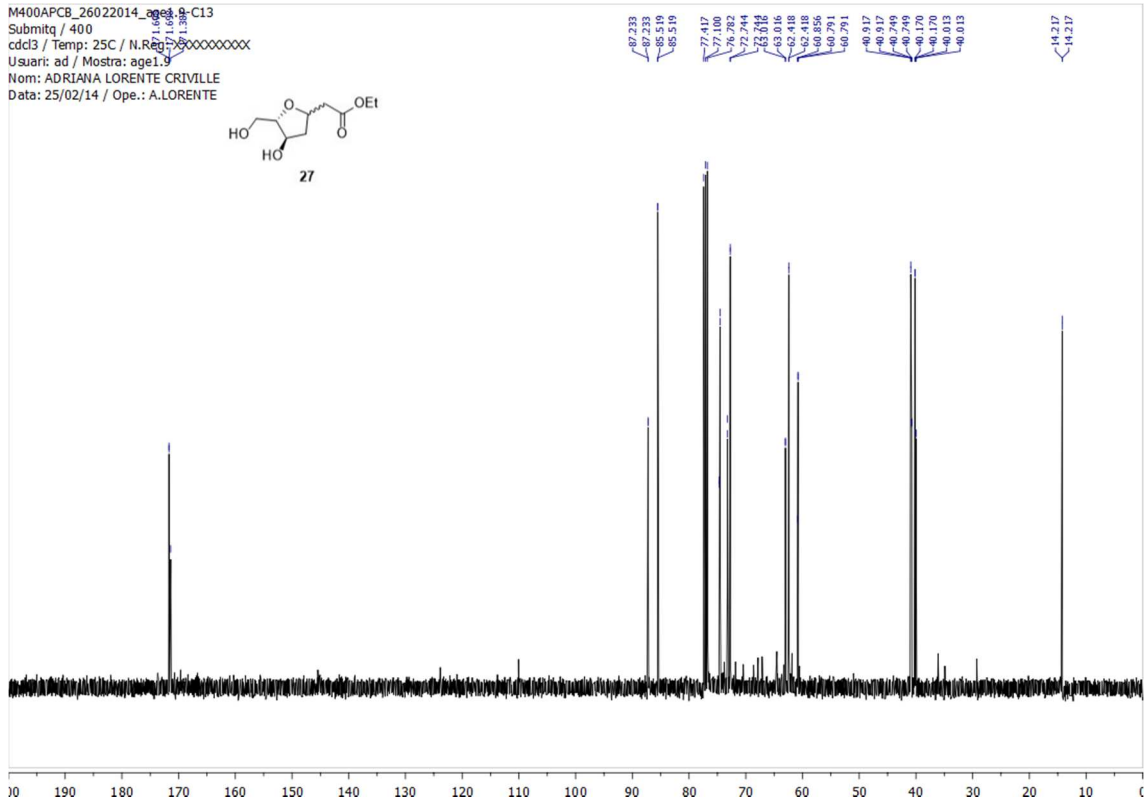
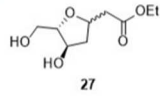
(2R)-2-Metoxi-2-fenilacetato de 6,8-acetonido, 10,12-(p-metoxibenciliden)acetal de (6S,8R,9R,10S)-6,8,10,12-tetrahidroxi-5,5,9-trimetildodec-1-in-4-ilo (R-23MPA)



2-[(4R,5S)-4-Hidroxi-5-hidroxiimetiltetrahidrofuran-2-il]acetato de etilo (27)

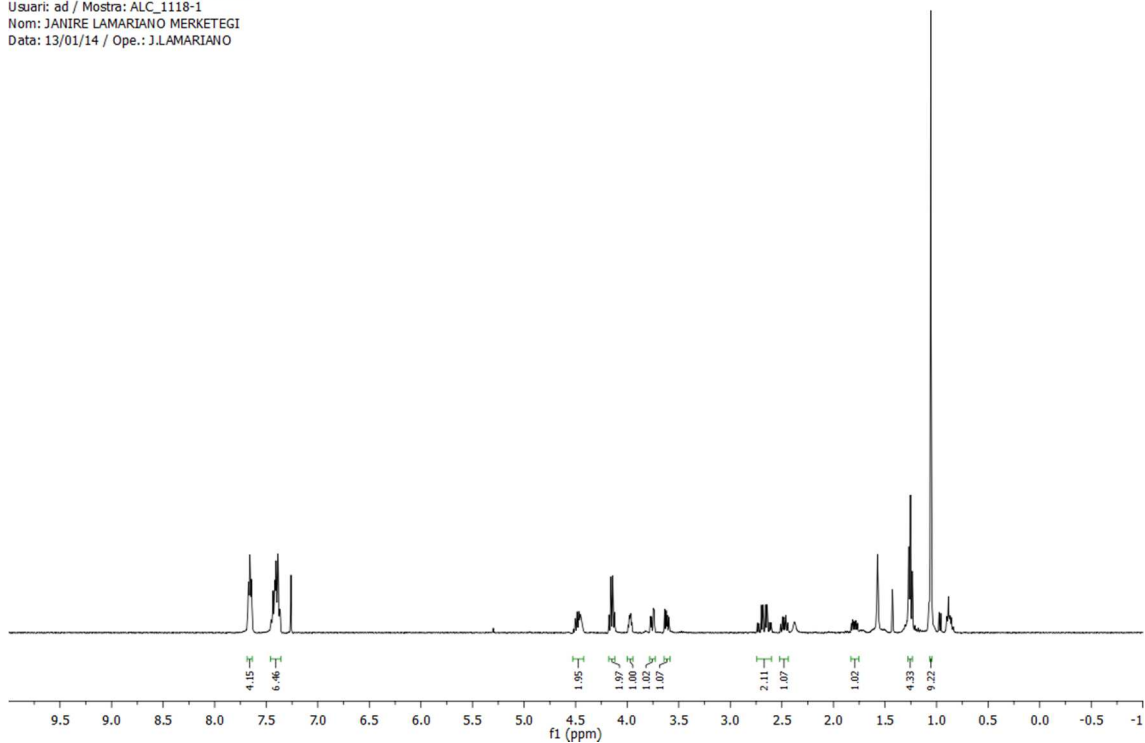


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 Usuari: ad / Mostra: age1.9
 Nom: ADRIANA LORENTE CRIVILLE
 Data: 25/02/14 / Ope.: A.LORENTE

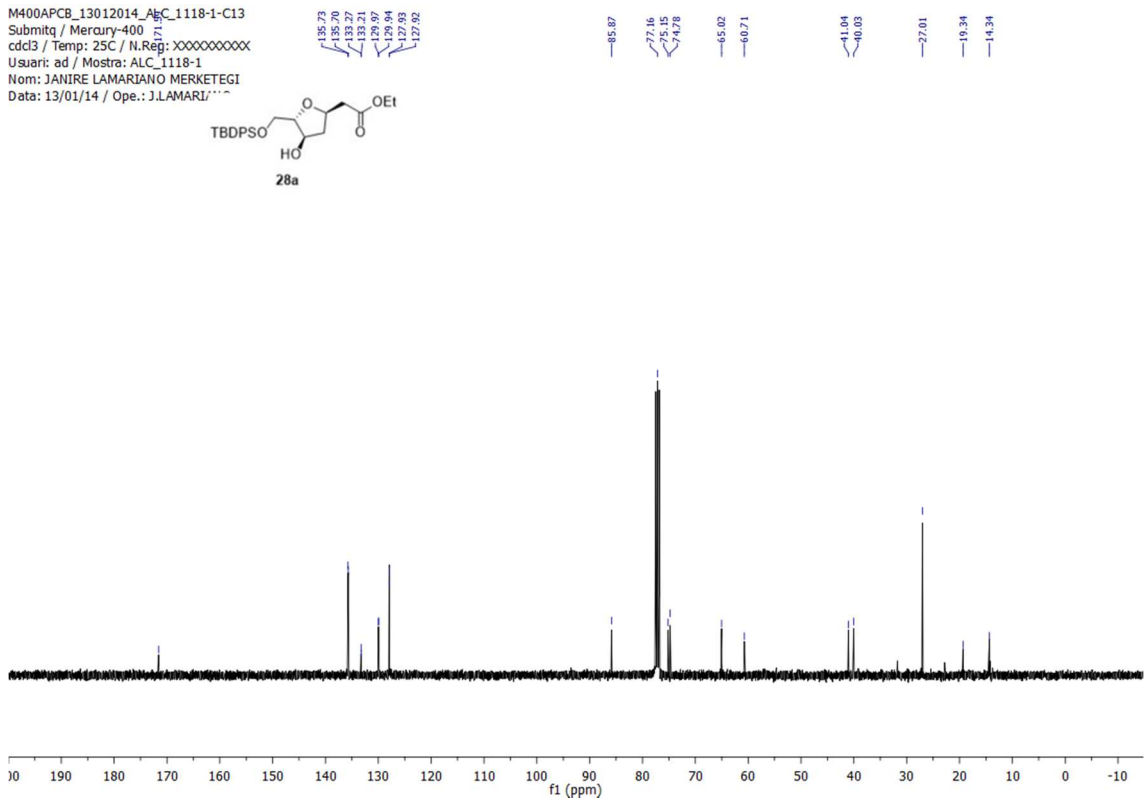
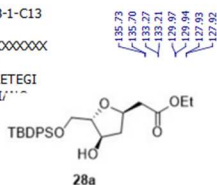


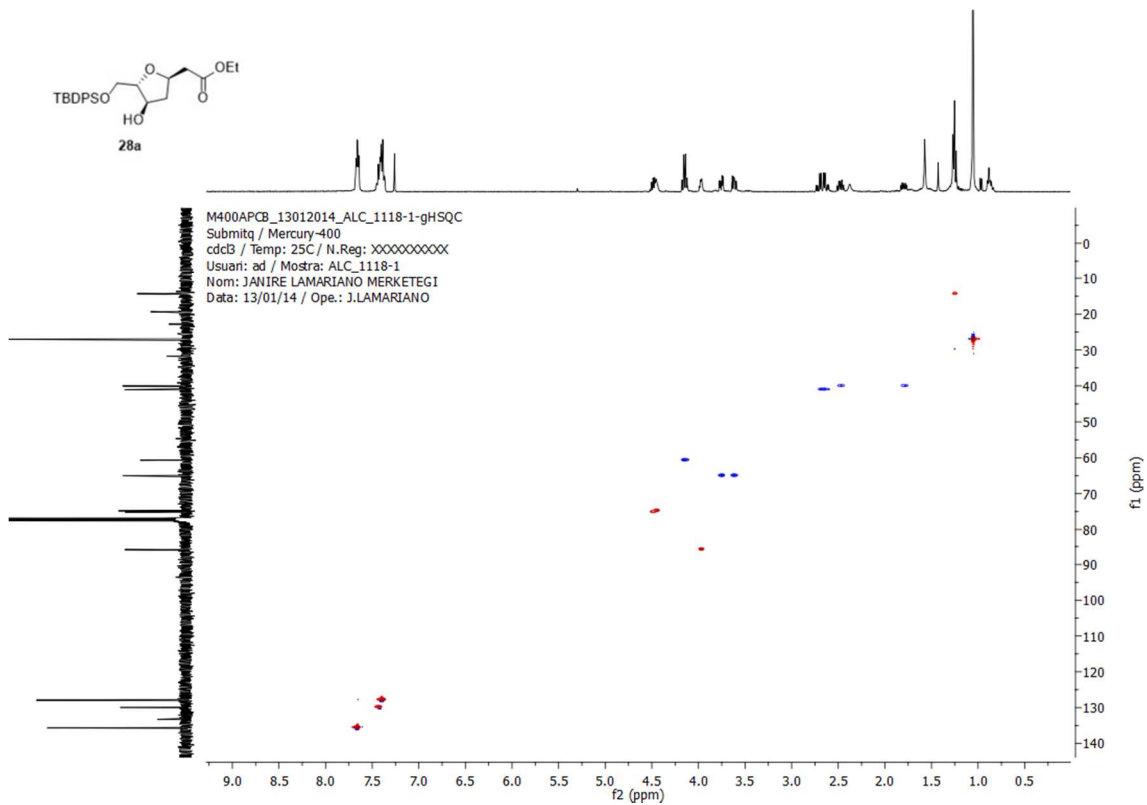
2-[(2R,4R,5S)-5-(*tert*-Butildifenilsiloximetil)-4-hidroxitetrahidrofuran-2-il]acetato de etilo (28a)

M400APCB_13012014_ALC_1118-1-H1
 Submitq / Mercury-400
 cdcl3 / Temp: 25C / N.Reg: XXXXXXXXXXXX
 Usuari: ad / Mostra: ALC_1118-1
 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 13/01/14 / Ope.: J.LAMARIANO

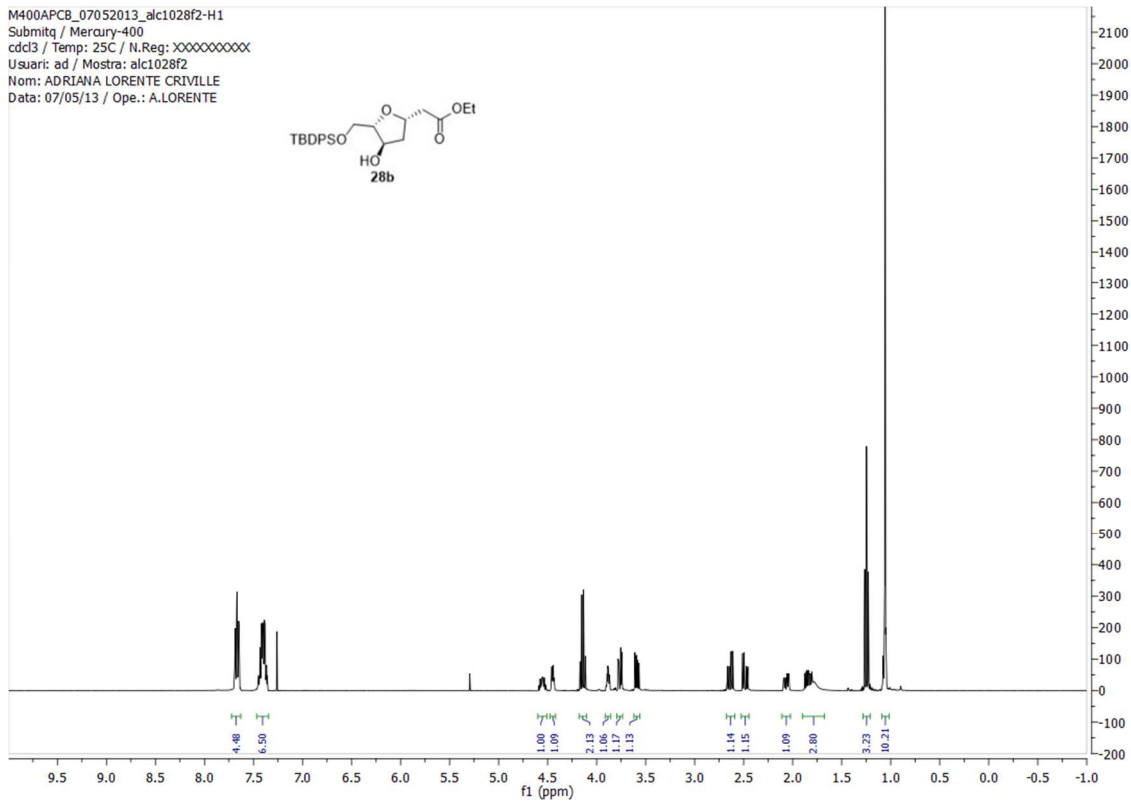


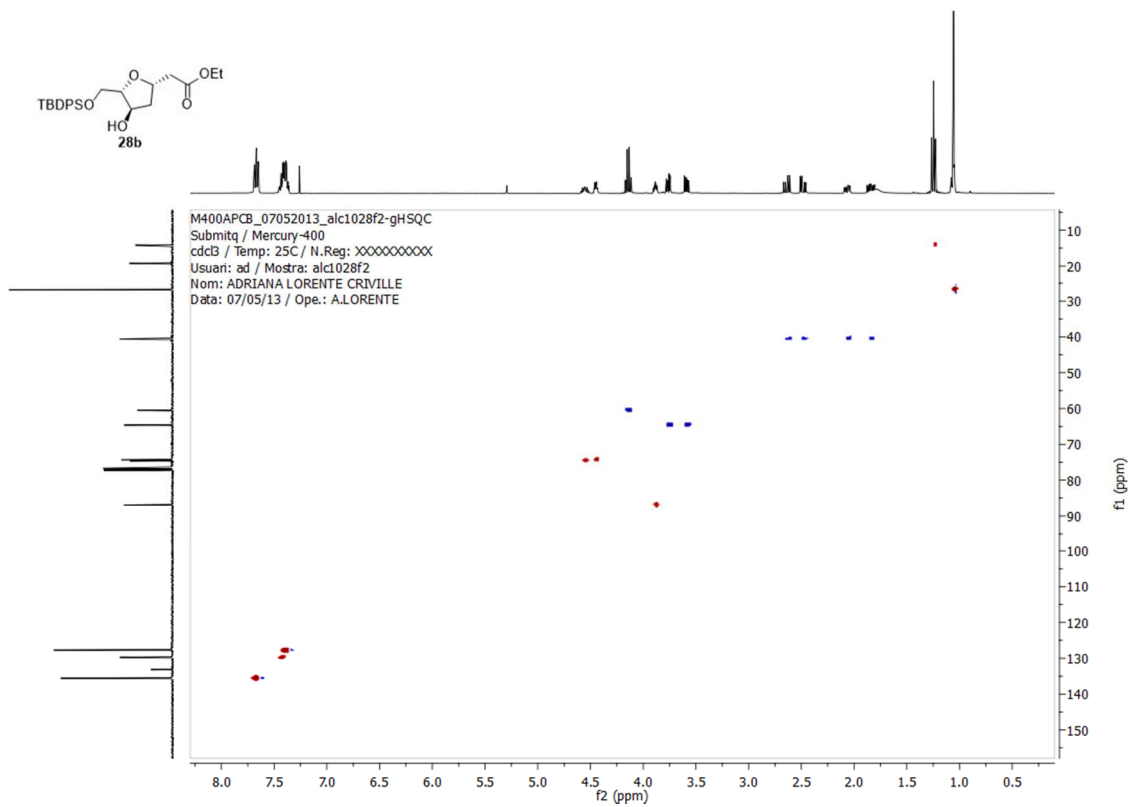
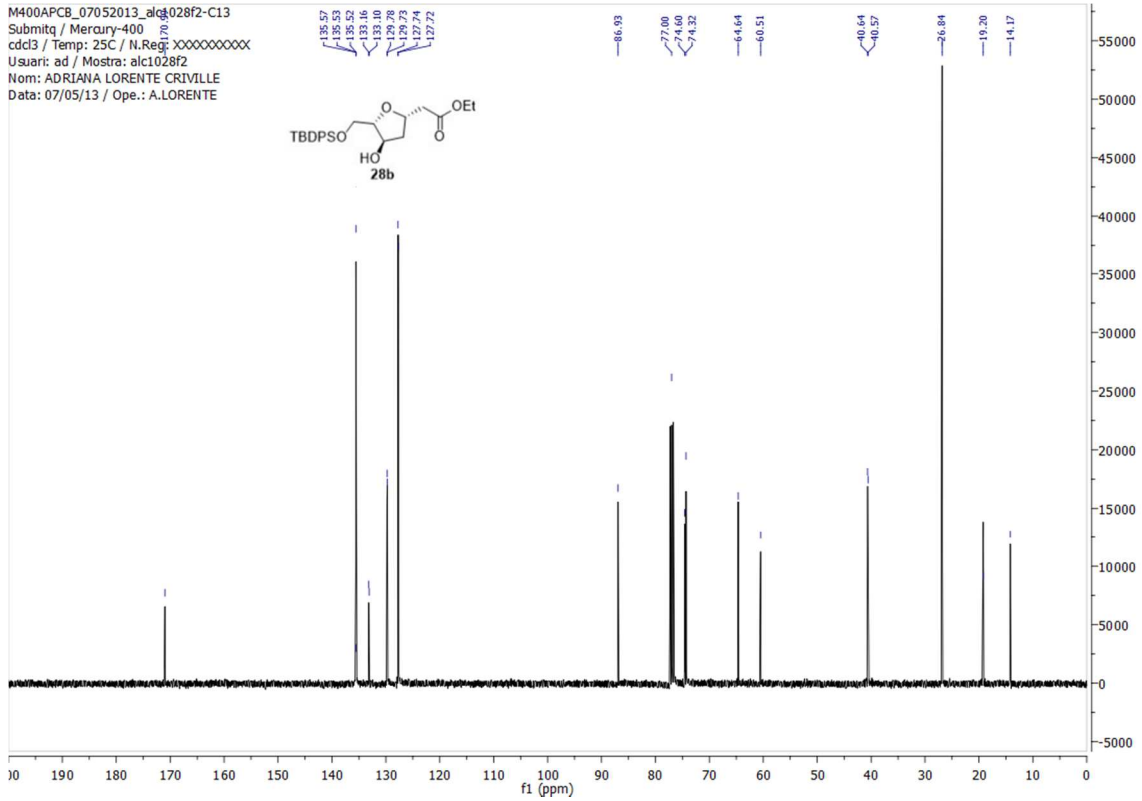
M400APCB_13012014_ALC_1118-1-C13
 Submitq / Mercury-400
 cdcl3 / Temp: 25C / N.Reg: XXXXXXXXXXXX
 Usuari: ad / Mostra: ALC_1118-1
 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 13/01/14 / Ope.: J.LAMARIANO

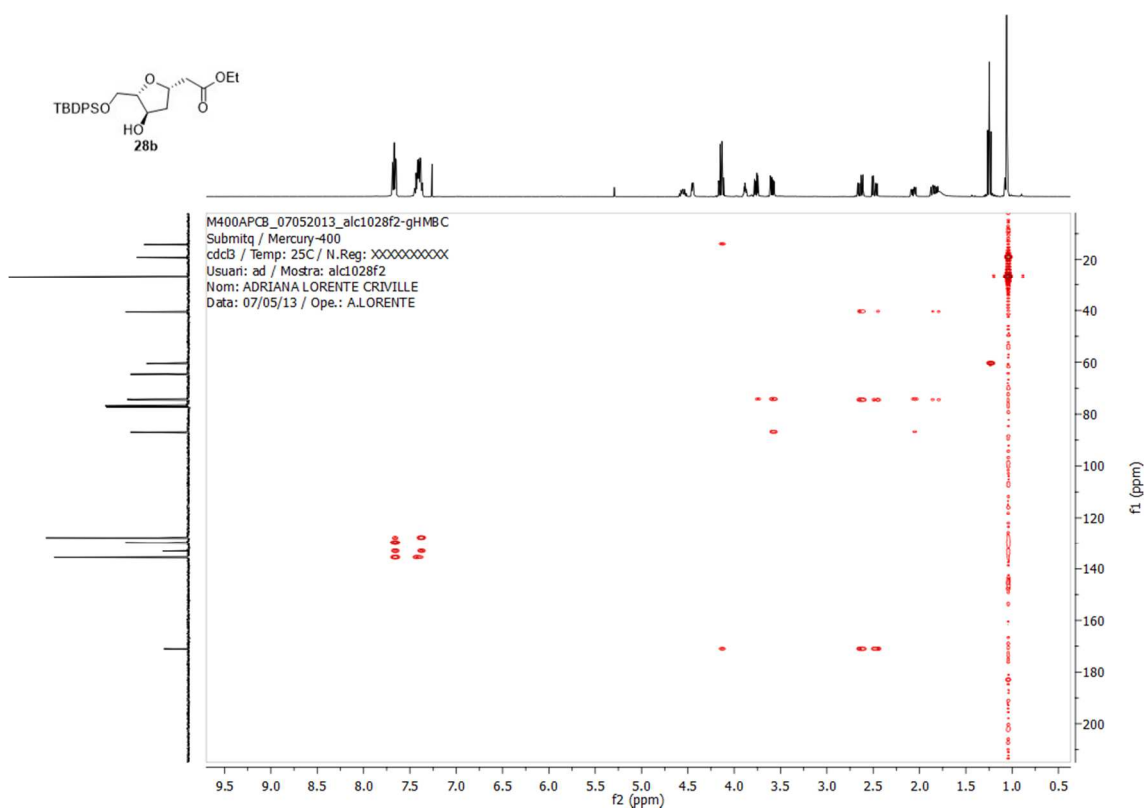




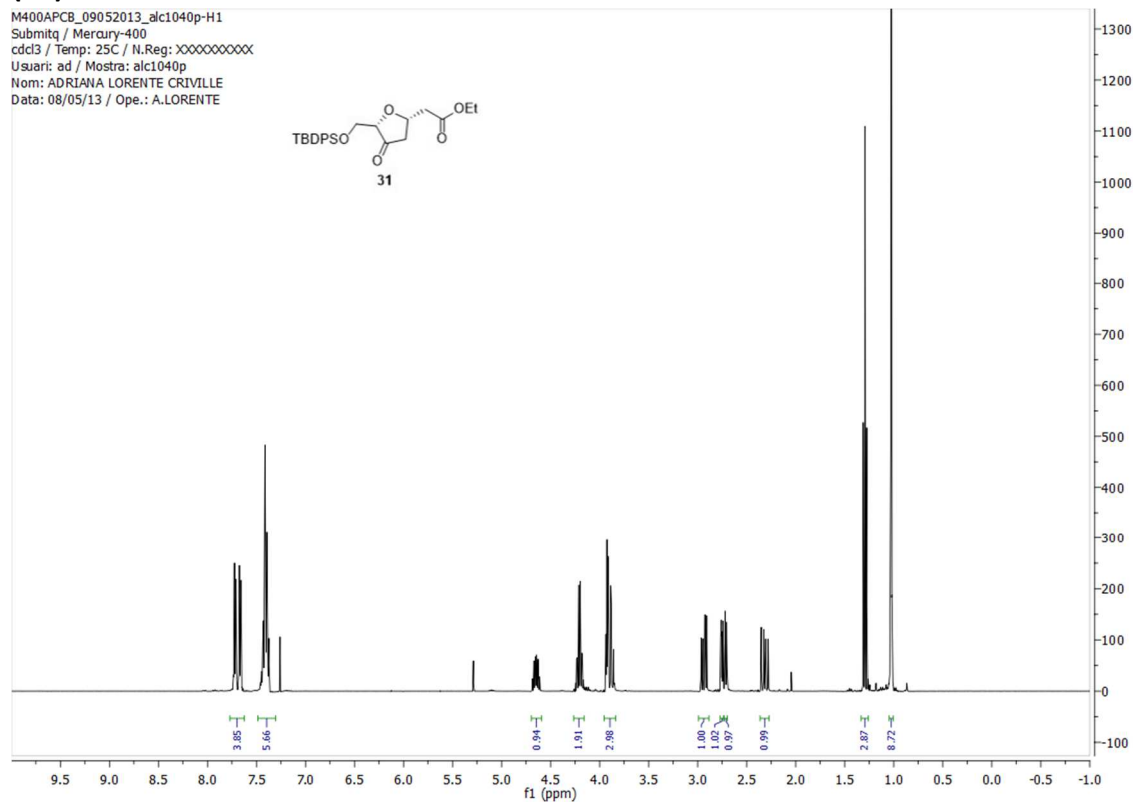
2-[(2*S*,4*R*,5*S*)-5-(*tert*-Butildifenilsiloximetil)-4-hidroxitetrahidrofuran-2-il]acetato de etilo (28b)

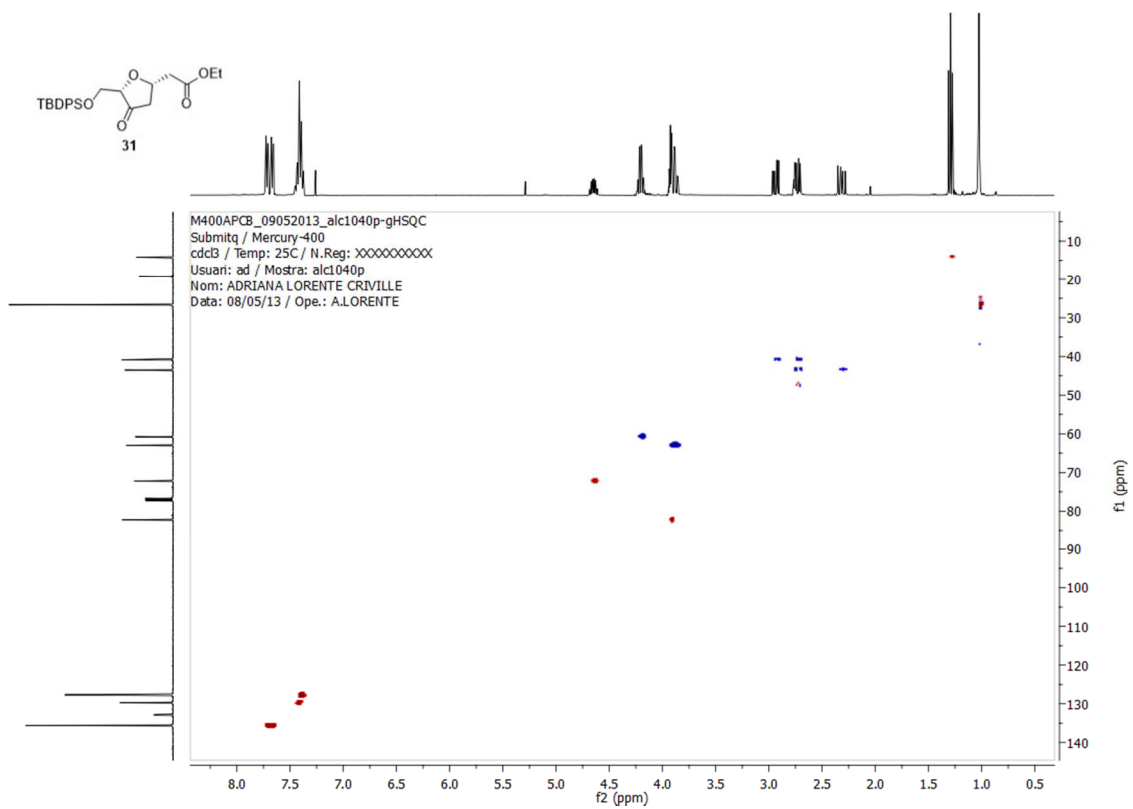
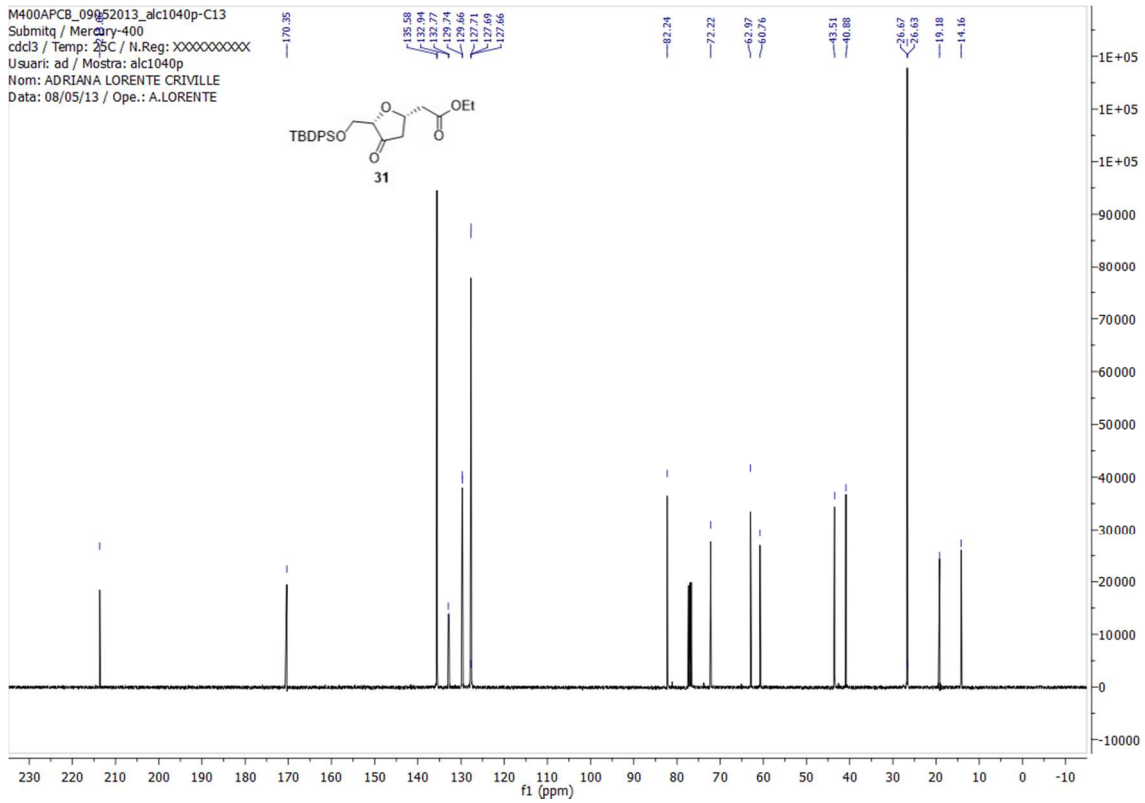


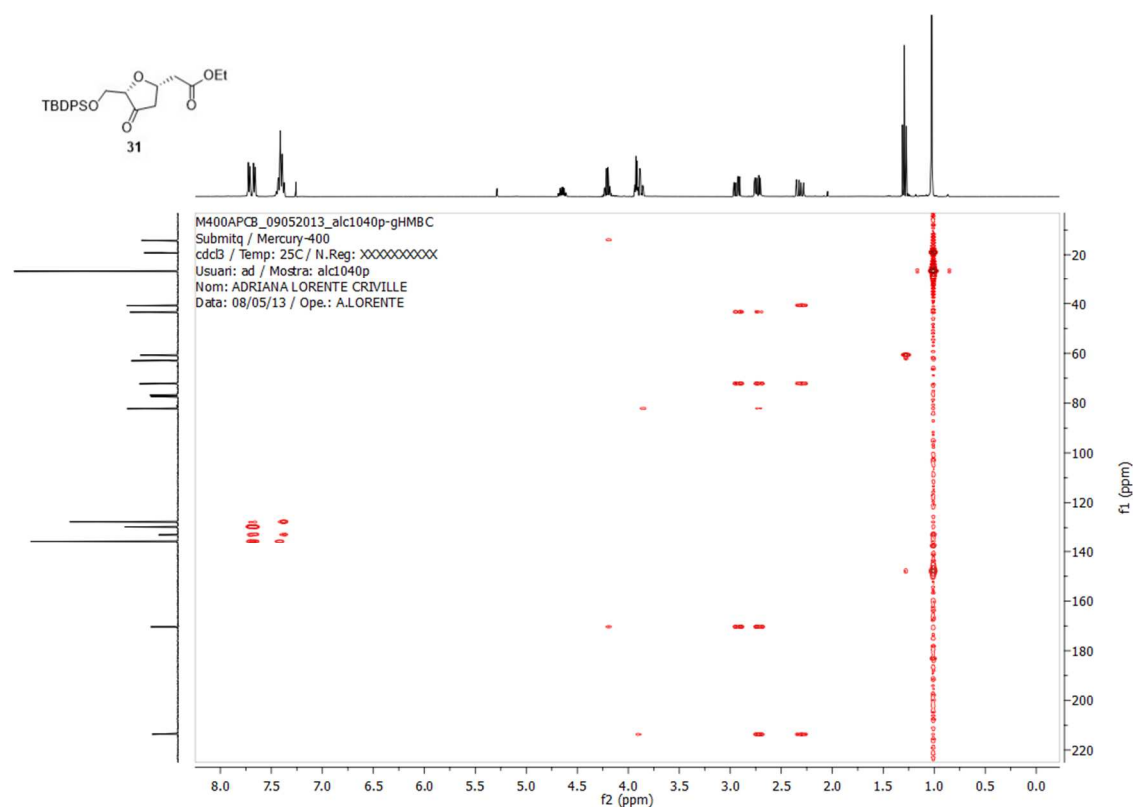




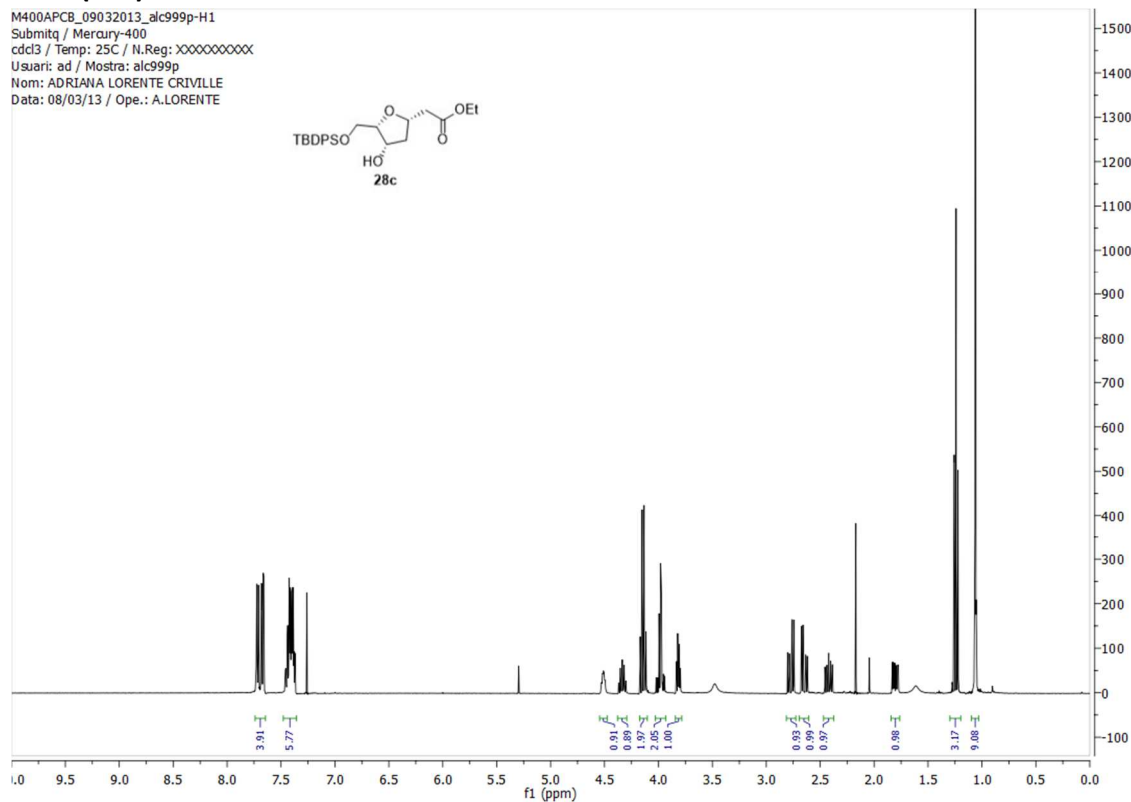
2-[(2*S*,5*S*)-5-(*tert*-Butildifenilsiloximetil)-4-oxotetrahidrofuran-2-il]acetato de etilo (31)



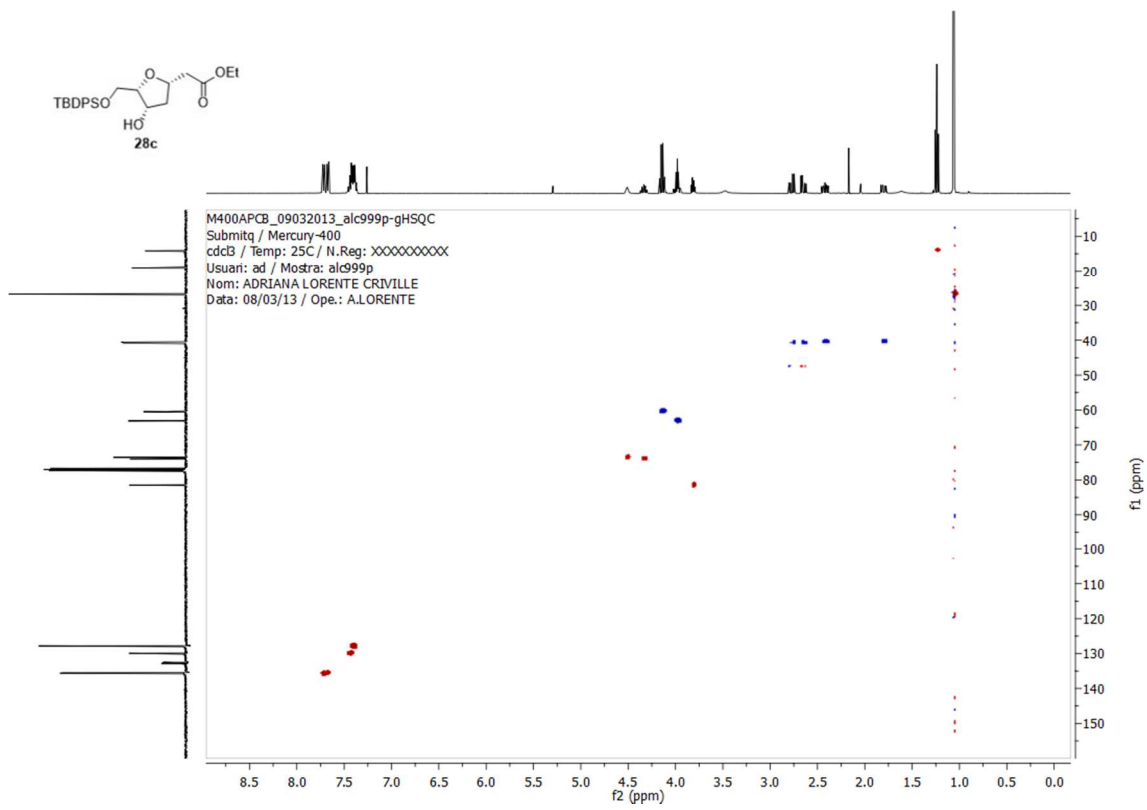
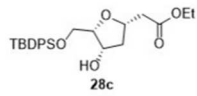
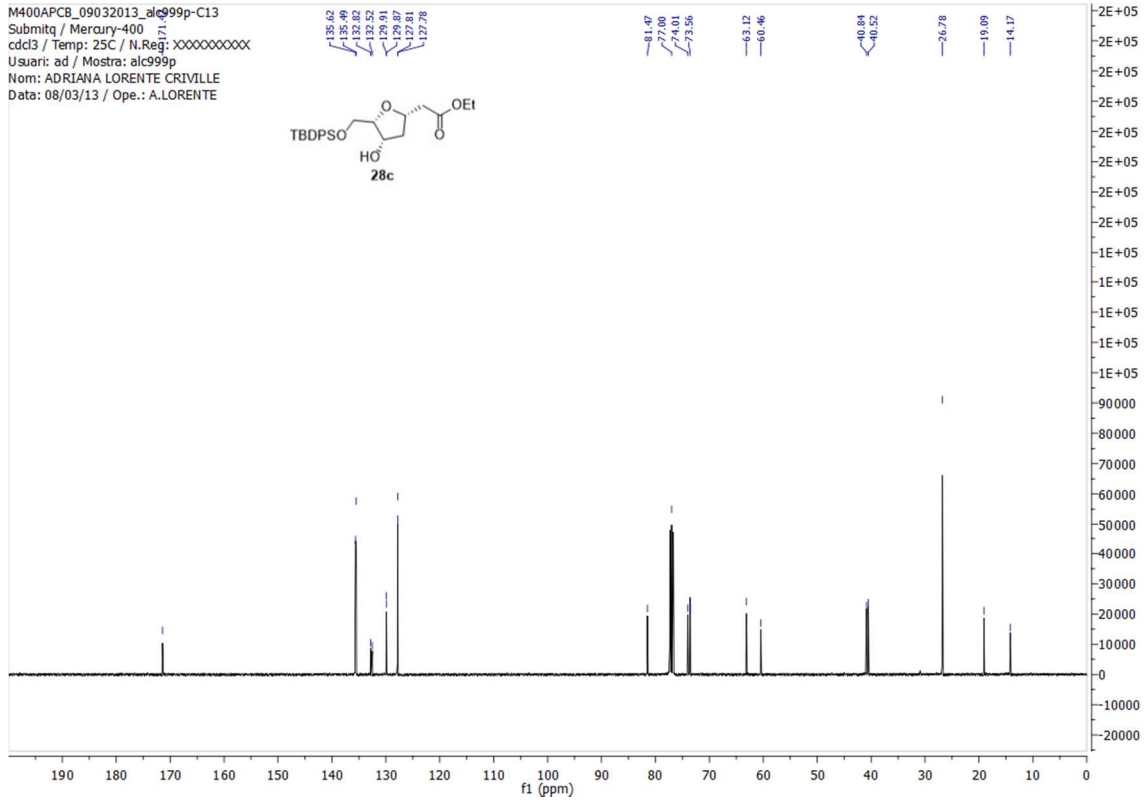
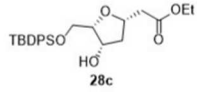


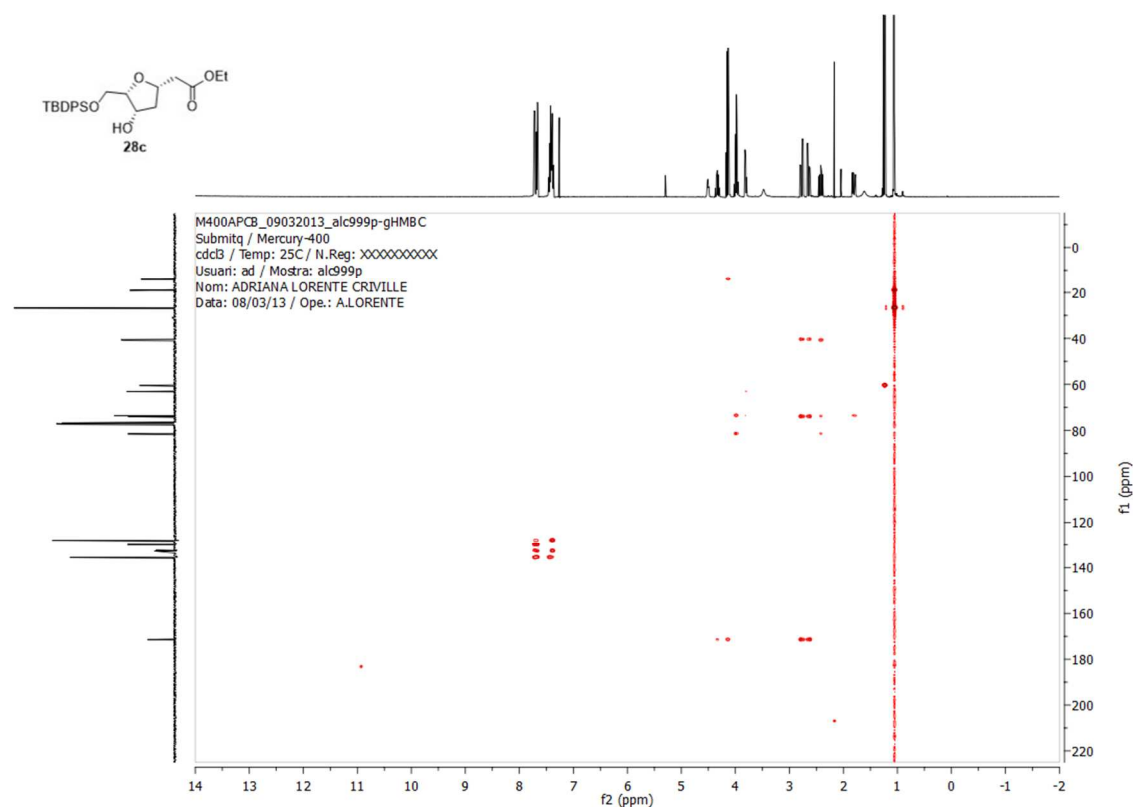


2-[(2S,4S,5S)-5-(*tert*-Butildifenilsililoximetil)-4-hidroxitetrahidrofurán-2-il]acetato de etilo (28c)



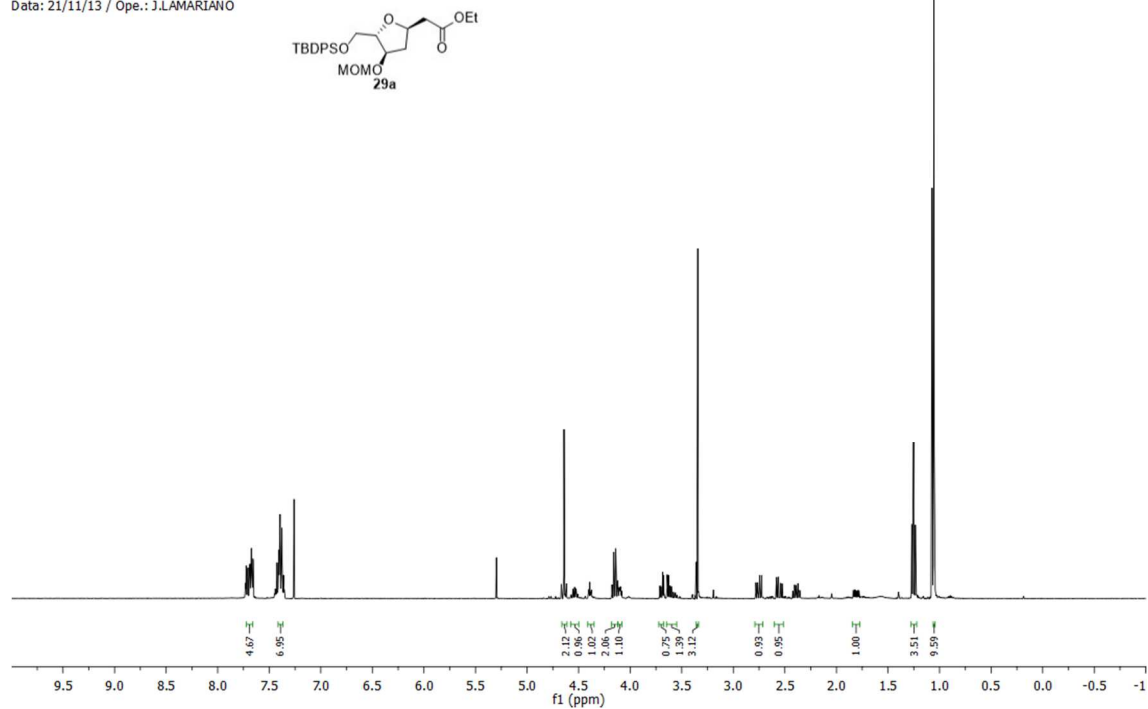
M400APCB_09032013_alc999p-C13
 Submitq / Mercury-400
 cdcl3 / Temp: 25C / N.Reg: XXXXXXXXXXXX
 Usuari: ad / Mostra: alc999p
 Nom: ADRIANA LORENTE CRIVILLE
 Data: 08/03/13 / Ope.: A.LORENTE



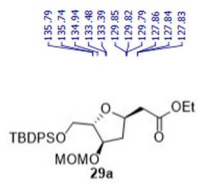


2-[(2*R*,4*R*,5*S*)-5-(*tert*-Butildifenilsilioximetil)-4-metoximetoxitetrahidrofuran-2-il]acetato de etilo (29a)

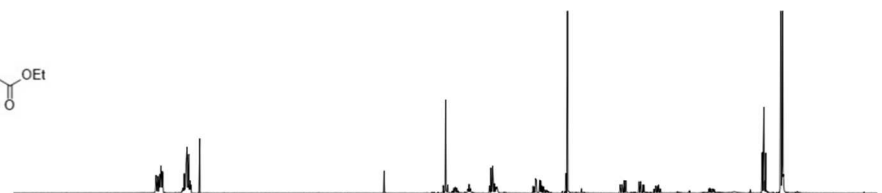
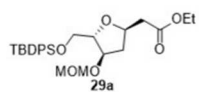
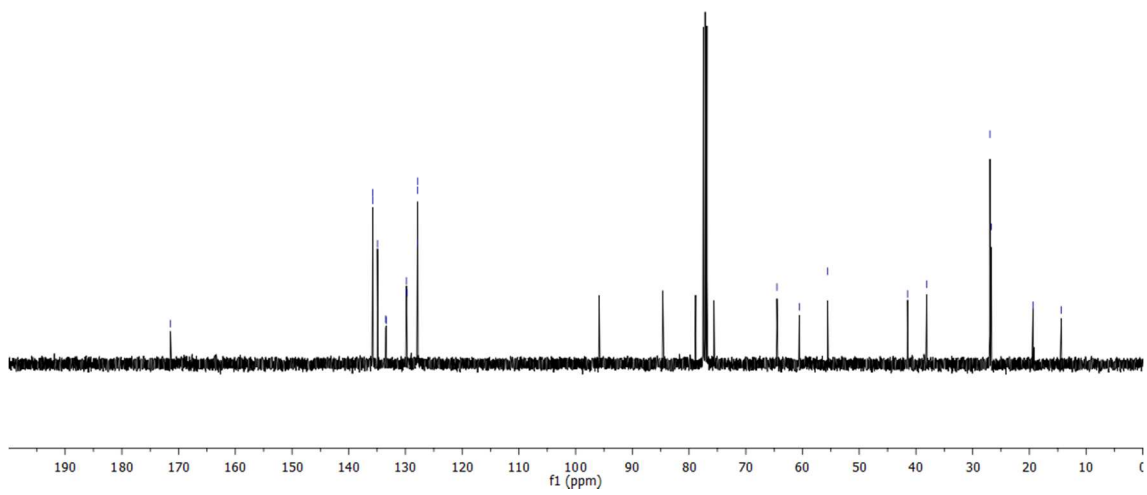
M400APCB_21112013_JL-676-1-H1
 Submitq / Mercury-400
 cdcl3 / Temp: 25C / N.Reg: XXXXXXXXXXXX
 Usuari: ad / Mostra: JL-676-1
 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 21/11/13 / Ope.: J.LAMARIANO



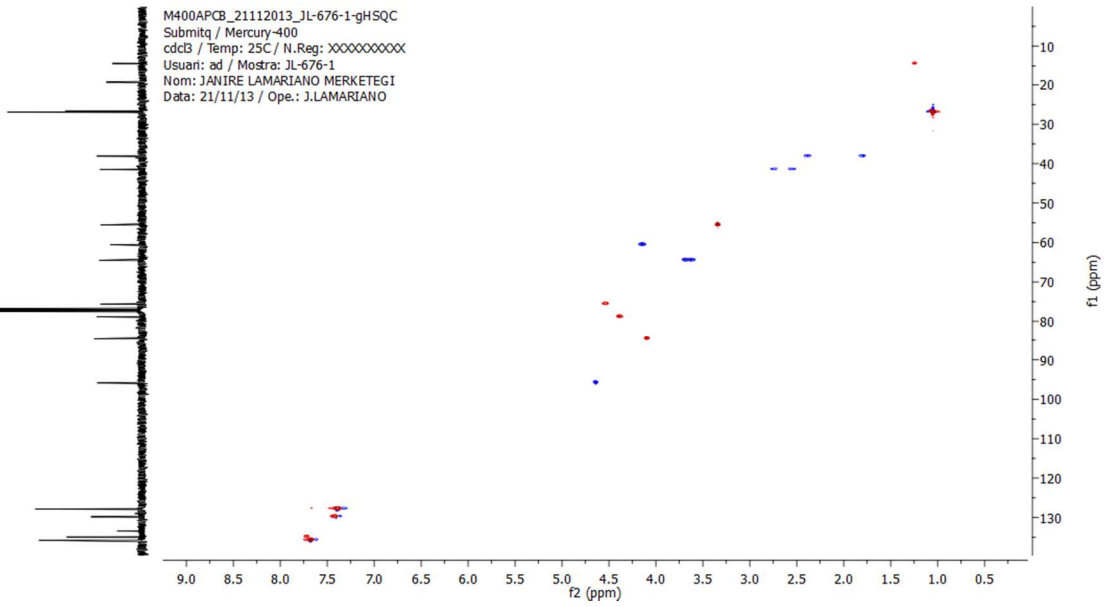
M400APCB_21112013_JL-676-1-C13
 Submitq / Mercury-400
 cdcl3 / Temp: 25C / N.Reg: XXXXXXXXXXXX
 Usuari: ad / Mostra: JL-676-1
 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 21/11/13 / Ope.: J.LAMARIANO



64.50
60.56
55.57
41.48
38.10
26.96
26.71
19.35
14.36

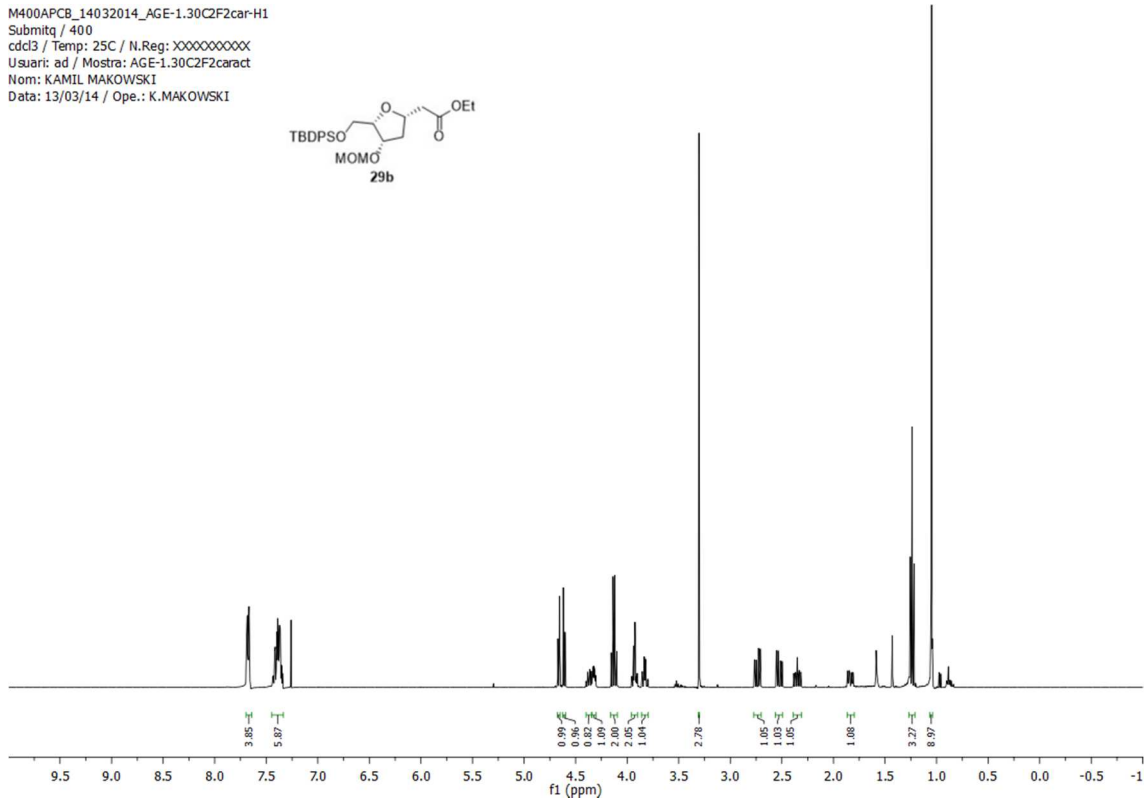
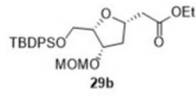


M400APCB_21112013_JL-676-1-gHSQC
 Submitq / Mercury-400
 cdcl3 / Temp: 25C / N.Reg: XXXXXXXXXXXX
 Usuari: ad / Mostra: JL-676-1
 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 21/11/13 / Ope.: J.LAMARIANO

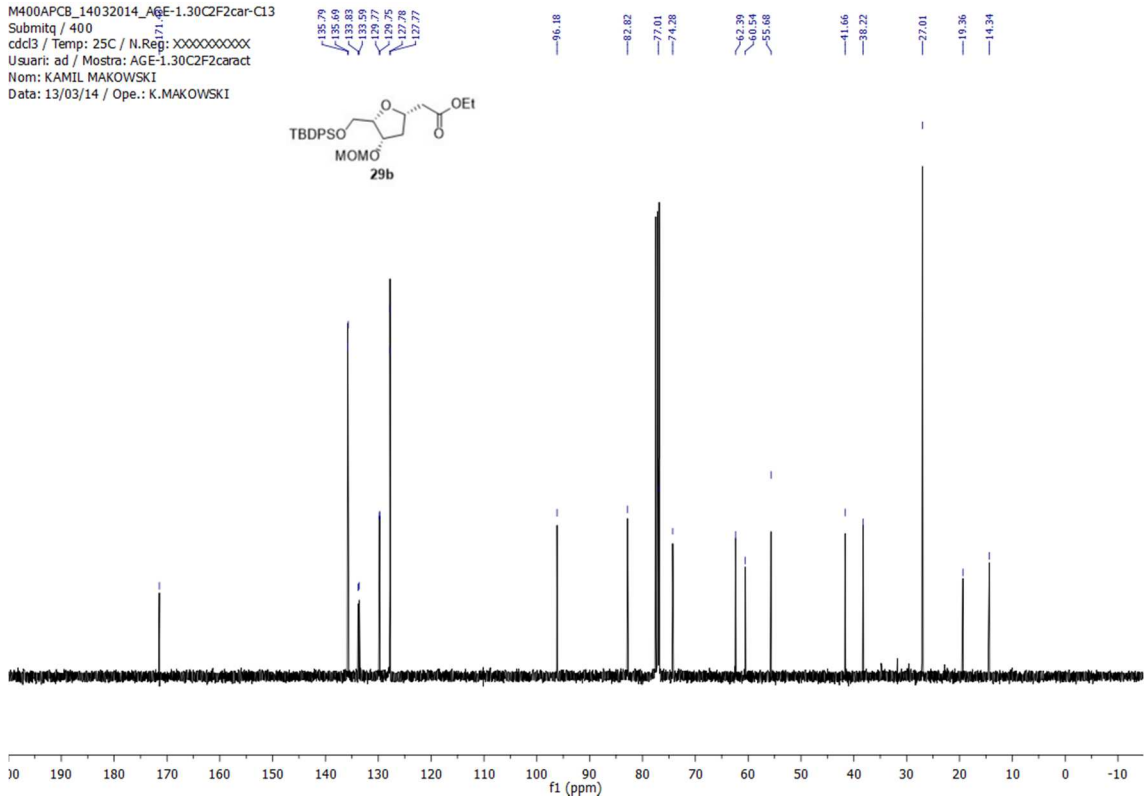
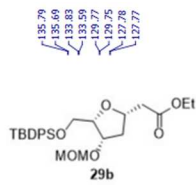


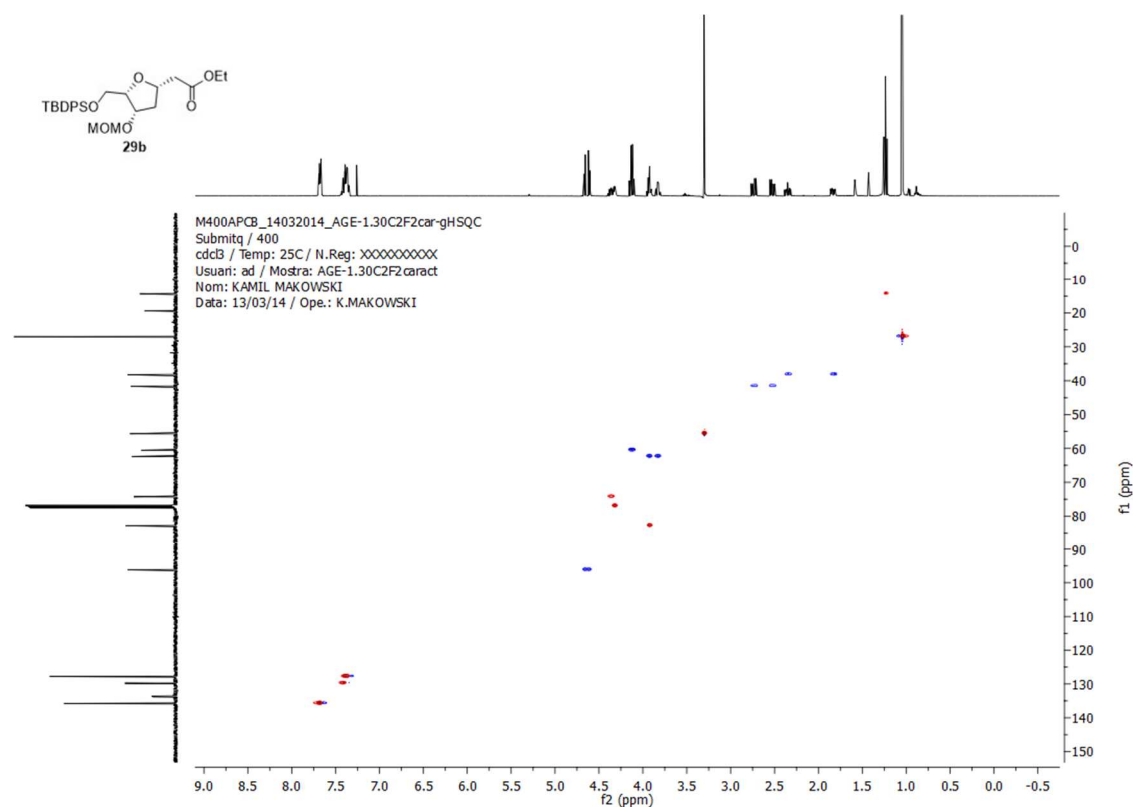
2-[(2*S*,4*S*,5*S*)-5-(*tert*-Butildifenilsililoximetil)-4-metoximetoxitetrahidrofuran-2-il]acetato de etilo (29b)

M400APCB_14032014_AGE-1.30C2F2car-H1
 Submitq / 400
 cdcl3 / Temp: 25C / N.Reg: XXXXXXXXXXXX
 Usuari: ad / Mostra: AGE-1.30C2F2caract
 Nom: KAMIL MAKOWSKI
 Data: 13/03/14 / Ope.: K.MAKOWSKI



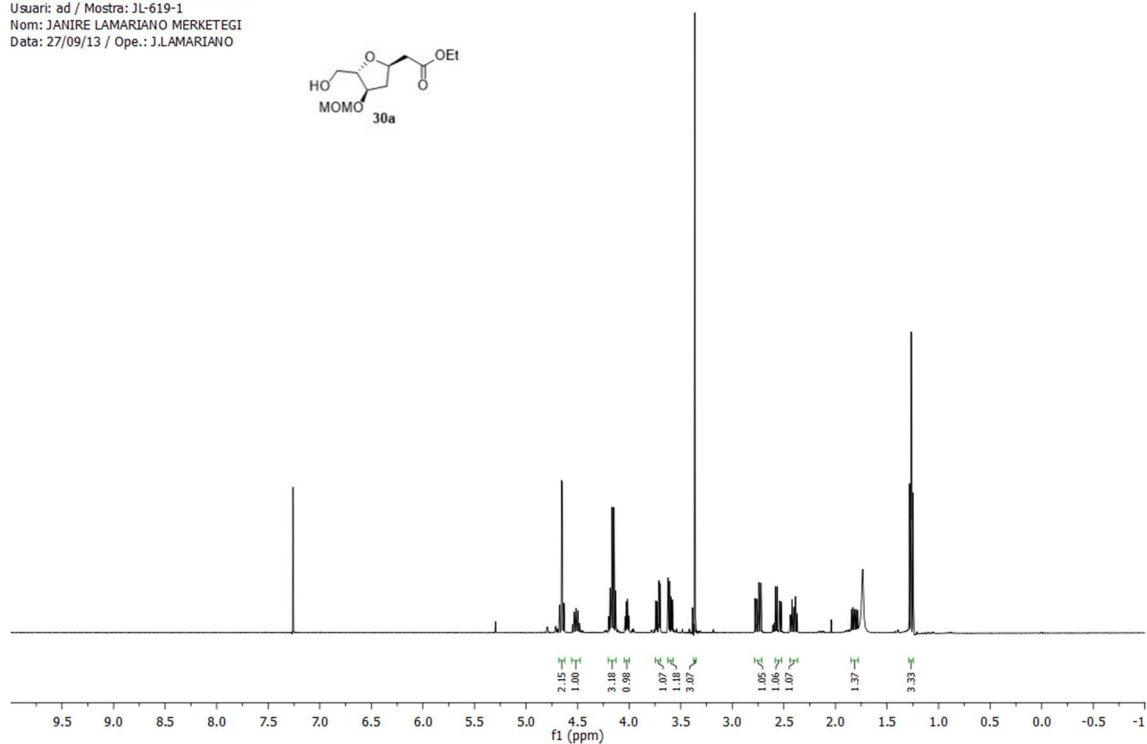
M400APCB_14032014_AGE-1.30C2F2car-Cl3
 Submitq / 400
 cdcl3 / Temp: 25C / N.Reg: XXXXXXXXXXXX
 Usuari: ad / Mostra: AGE-1.30C2F2caract
 Nom: KAMIL MAKOWSKI
 Data: 13/03/14 / Ope.: K.MAKOWSKI



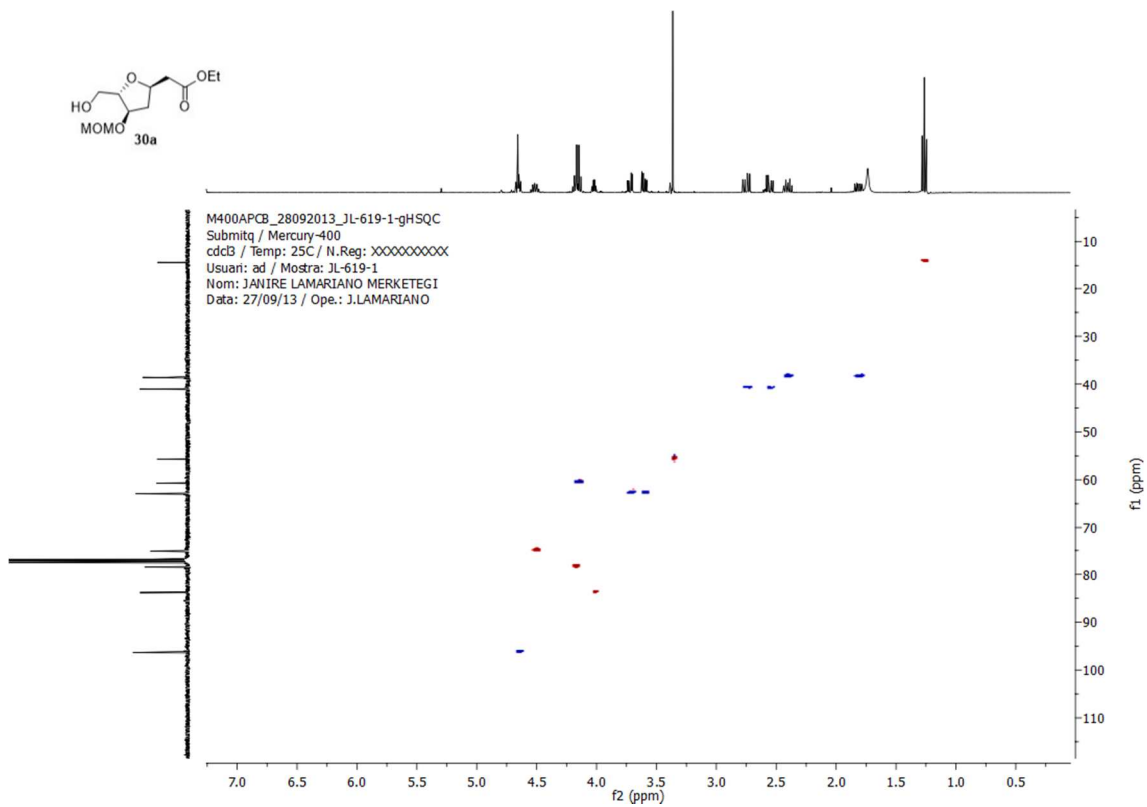
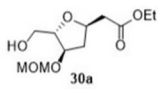
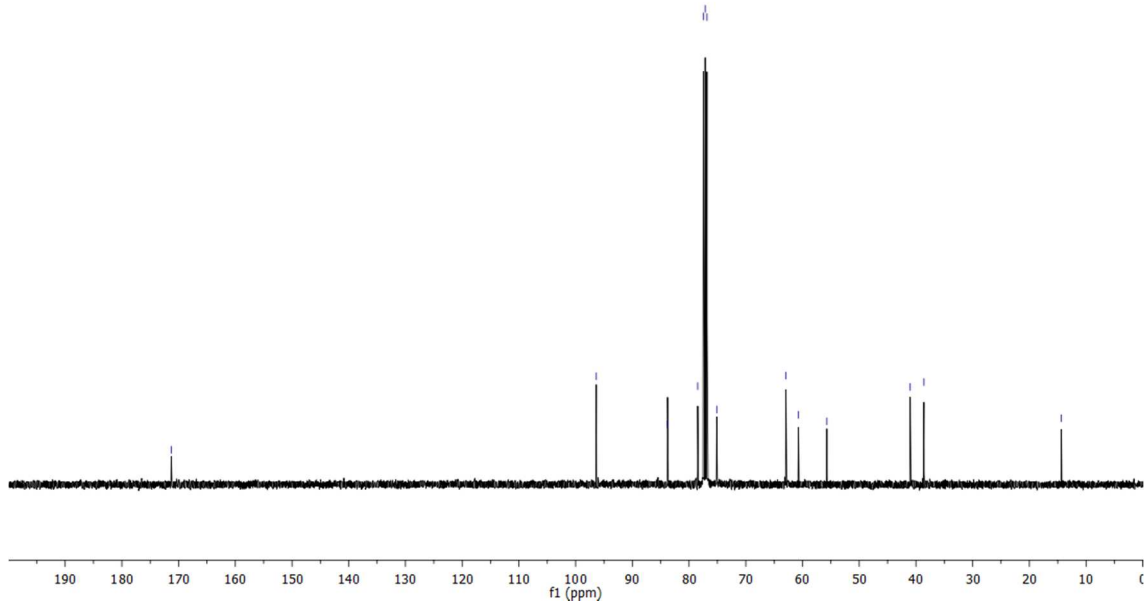
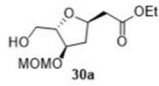


2-[(2*R*,4*R*,5*S*)-5-Hidroximetil-4-metoximetoxitetrahidrofuran-2-il]acetato de etilo (30a)

M400APCB_27092013_JL-619-1-H1
 Submitq / Mercury-400
 cdc3 / Temp: 25C / N.Reg: XXXXXXXXXXXX
 Usuari: ad / Mostra: JL-619-1
 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 27/09/13 / Ope.: J.LAMARIANO

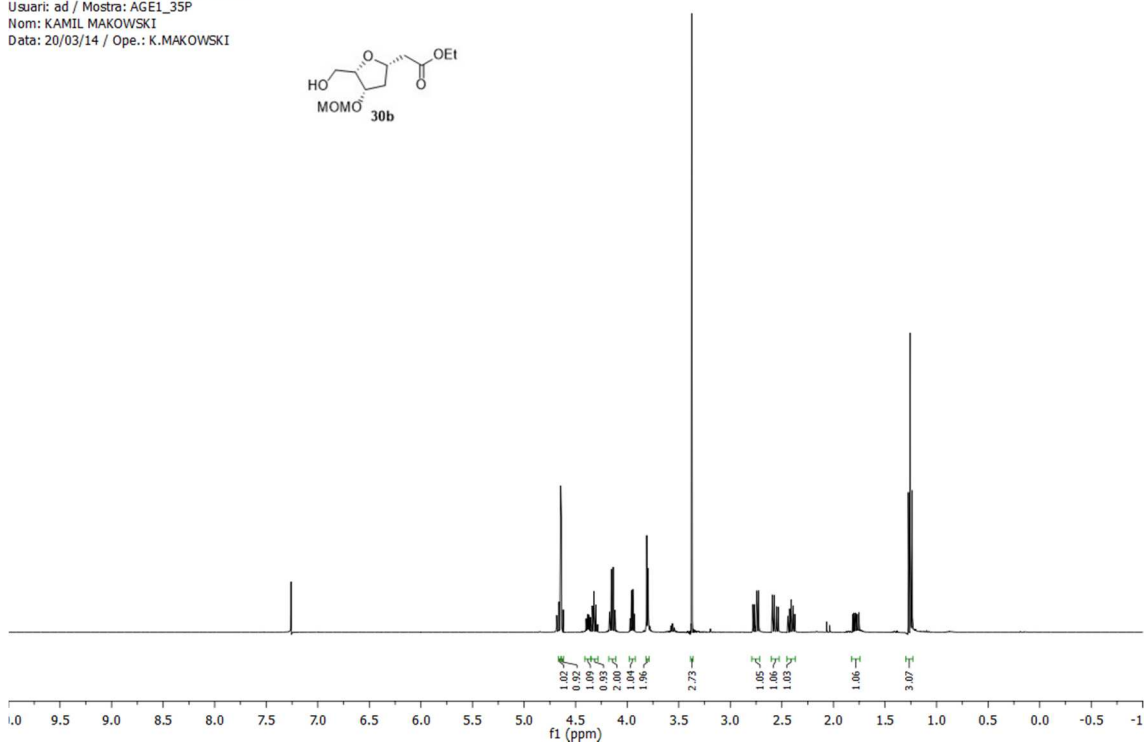
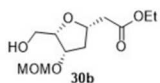


M400APCB_27092013_JL-619-1-C13
 Submitq / Mercury-400
 cdcl3 / Temp: 25C / N.Reg:XXXXXXXXXX
 Usuari: ad / Mostra: JL-619-1
 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 27/09/13 / Ope.: J.LAMARIANO

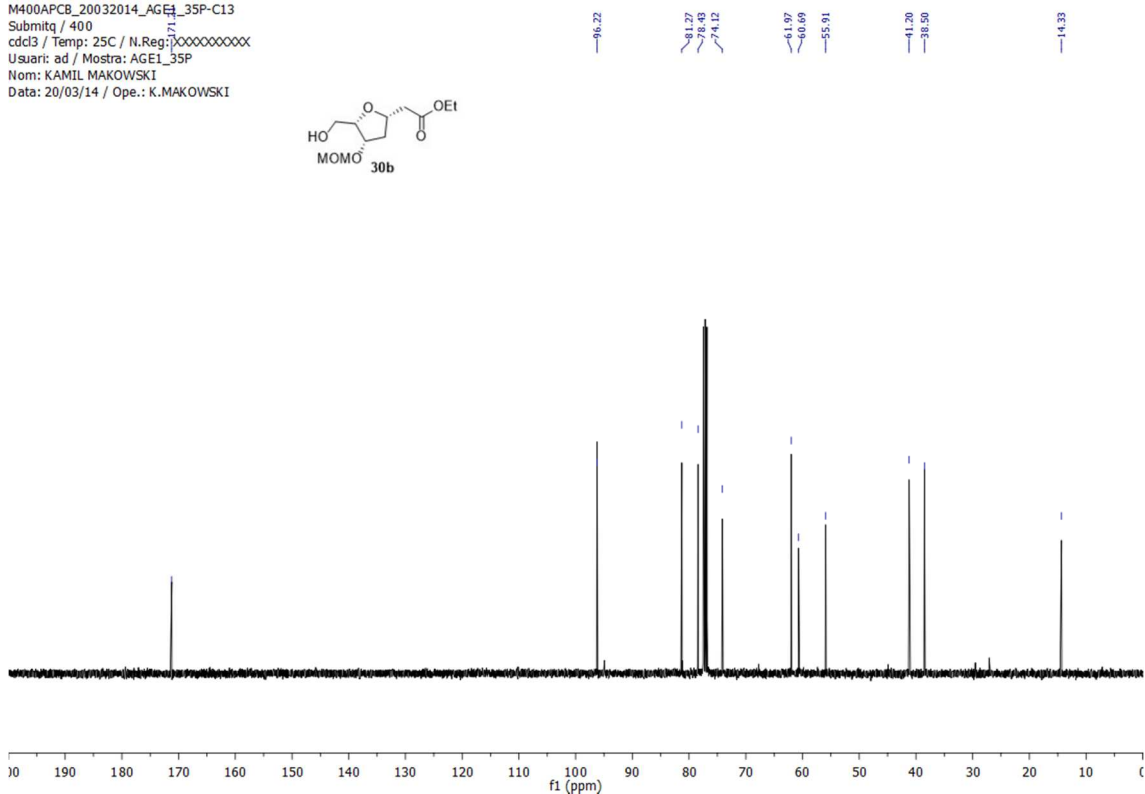
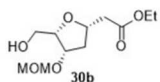


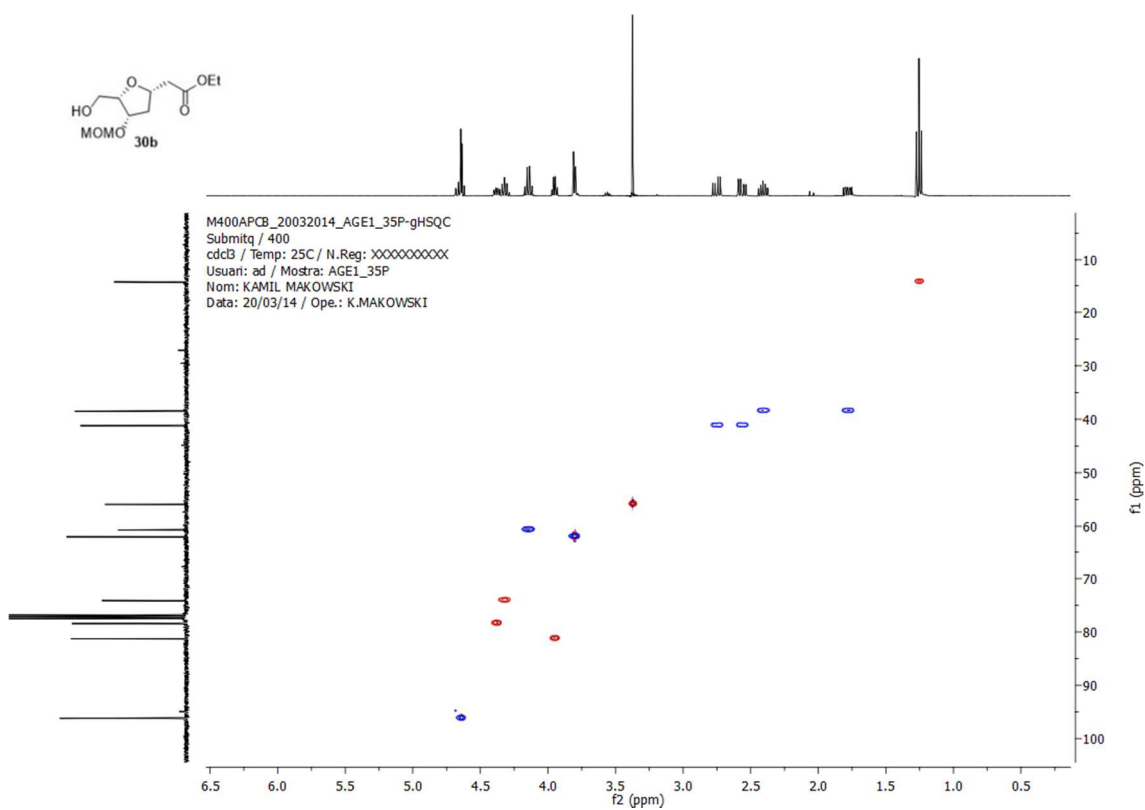
2-[(2*S*,4*S*,5*S*)-5-Hidroksimetil-4-metoximetoxitetrahidrofuran-2-il]acetato de etilo (30b)

M400APCB_20032014_AGE1_35P-H1
 Submitq / 400
 cdcl3 / Temp: 25C / N.Reg: XXXXXXXXXXXX
 Usuari: ad / Mostra: AGE1_35P
 Nom: KAMIL MAKOWSKI
 Data: 20/03/14 / Ope.: K.MAKOWSKI



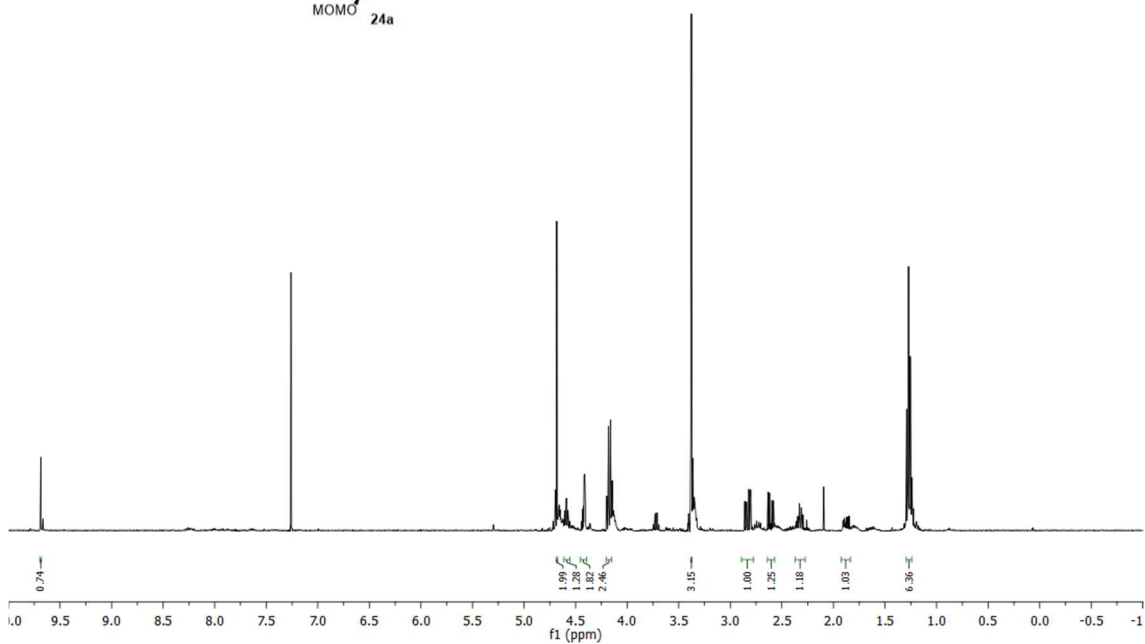
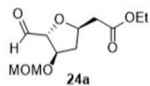
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 Submitq / 400
 cdcl3 / Temp: 25C / N.Reg: XXXXXXXXXXXX
 Usuari: ad / Mostra: AGE1_35P
 Nom: KAMIL MAKOWSKI
 Data: 20/03/14 / Ope.: K.MAKOWSKI



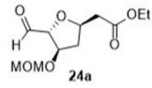


2-[(2*R*,4*R*,5*R*)-5-Formil-4-metoximetoxitetrahidrofuran-2-il]acetato de etilo (24a)

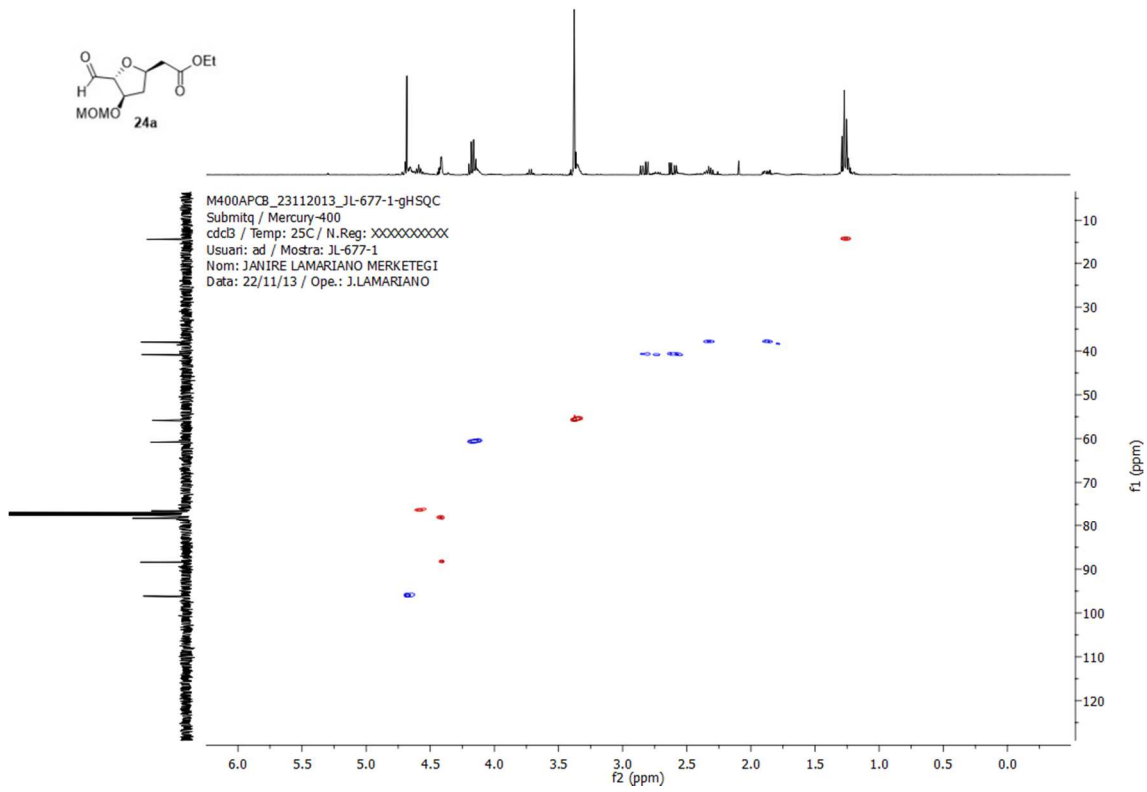
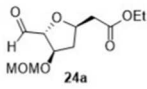
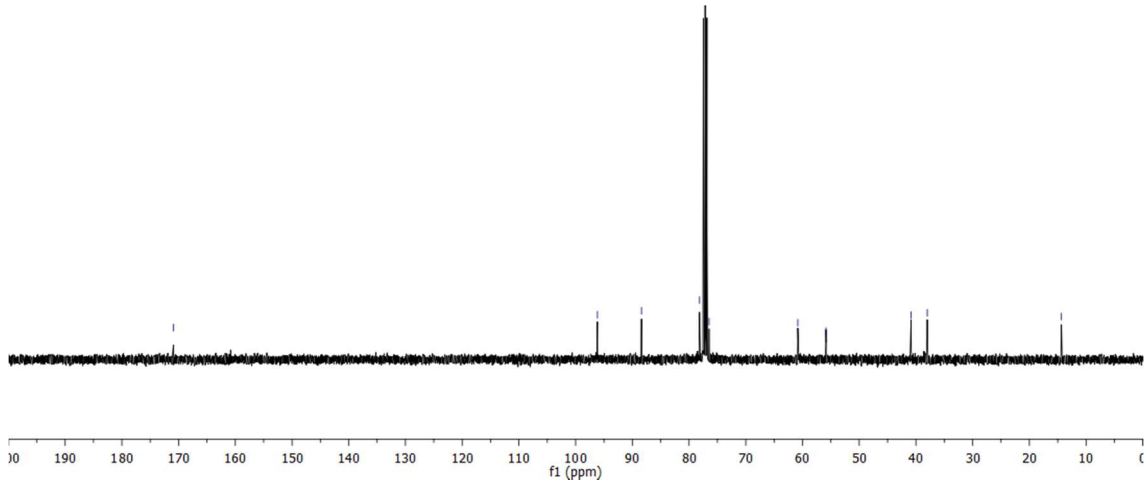
M400APCB_22112013_JL-677-1-H1
 Submitq / Mercury-400
 cdc13 / Temp: 25C / N.Reg: XXXXXXXXXXXX
 Usuari: ad / Mostra: JL-677-1
 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 22/11/13 / Ope.: J.LAMARIANO



M400APCB_22112013_JL-677-1-C13
 Submitq / Mercury-400
 cdcl3 / Temp: 25C / N.Reg: XXXXXXXXXXXX
 Usuari: ad / Mostra: JL-677-1
 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 22/11/13 / Ope.: J.LAMARIANO



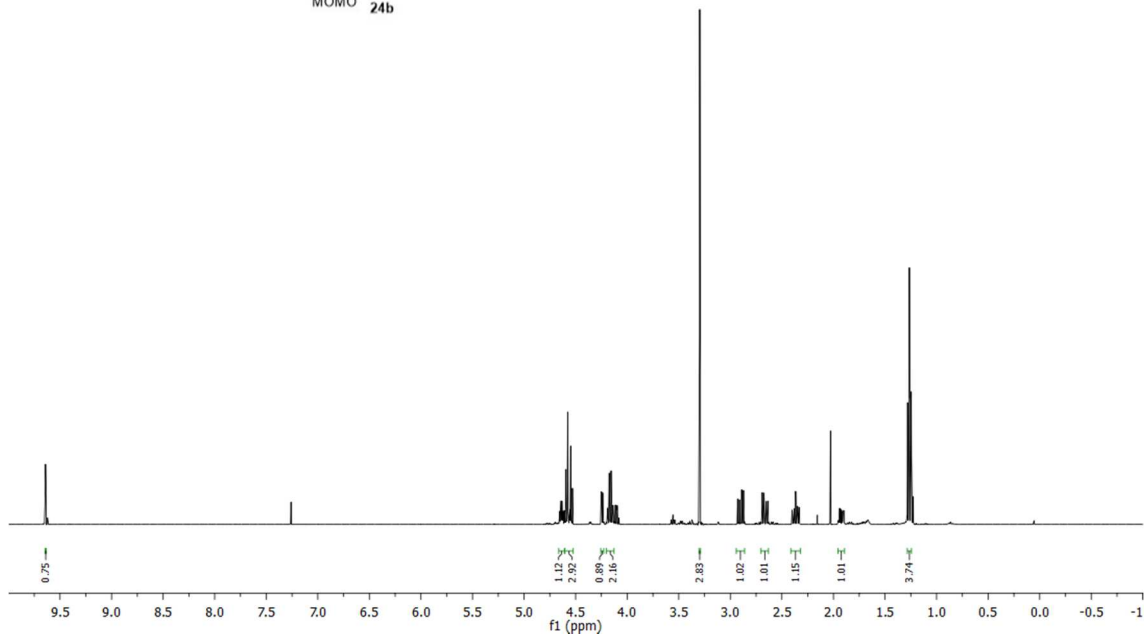
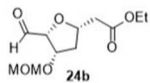
96.16
 88.40
 78.14
 76.46
 60.03
 55.86
 40.86
 38.01
 14.34



M400APCB_23112013_JL-677-1-gHSQC
 Submitq / Mercury-400
 cdcl3 / Temp: 25C / N.Reg: XXXXXXXXXXXX
 Usuari: ad / Mostra: JL-677-1
 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 22/11/13 / Ope.: J.LAMARIANO

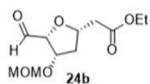
2-[(2S,4S,5S)-5-Formil-4-metoximetoxitetrahidrofuran-2-il]acetato de etilo (24b)

M400APCB_11032014_AGE-1.32p-H1
Submitq / 400
cdcl3 / Temp: 25C / N.Reg: XXXXXXXXXXXX
Usuari: ad / Mostra: AGE-1.32p
Nom: JANIRE LAMARIANO MERKETEGI
Data: 11/03/14 / Ope.: J.LAMARIANO



M400APCB_11032014_AGE-1.32p-C13
Submitq / 400
cdcl3 / Temp: 25C / N.Reg: XXXXXXXXXXXX
Usuari: ad / Mostra: AGE-1.32p
Nom: JANIRE LAMARIANO MERKETEGI
Data: 11/03/14 / Ope.: J.LAMARIANO

—171.04



—95.65

—85.97

—79.10

—76.33

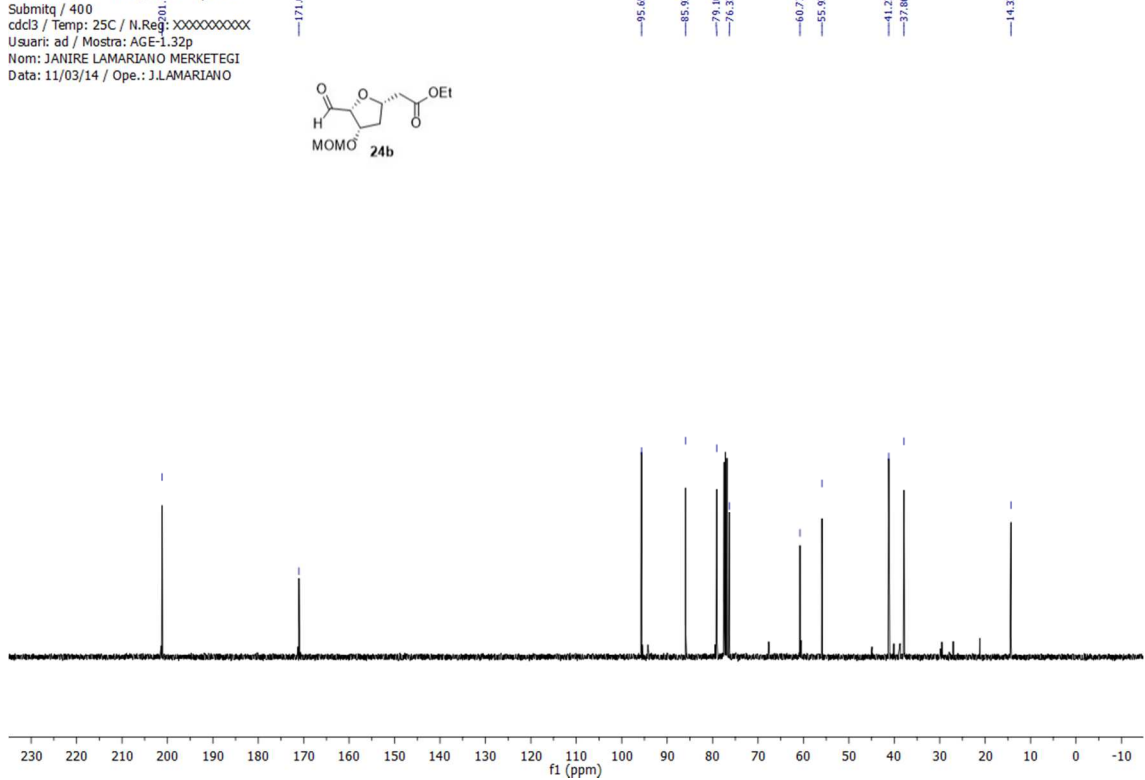
—60.77

—55.93

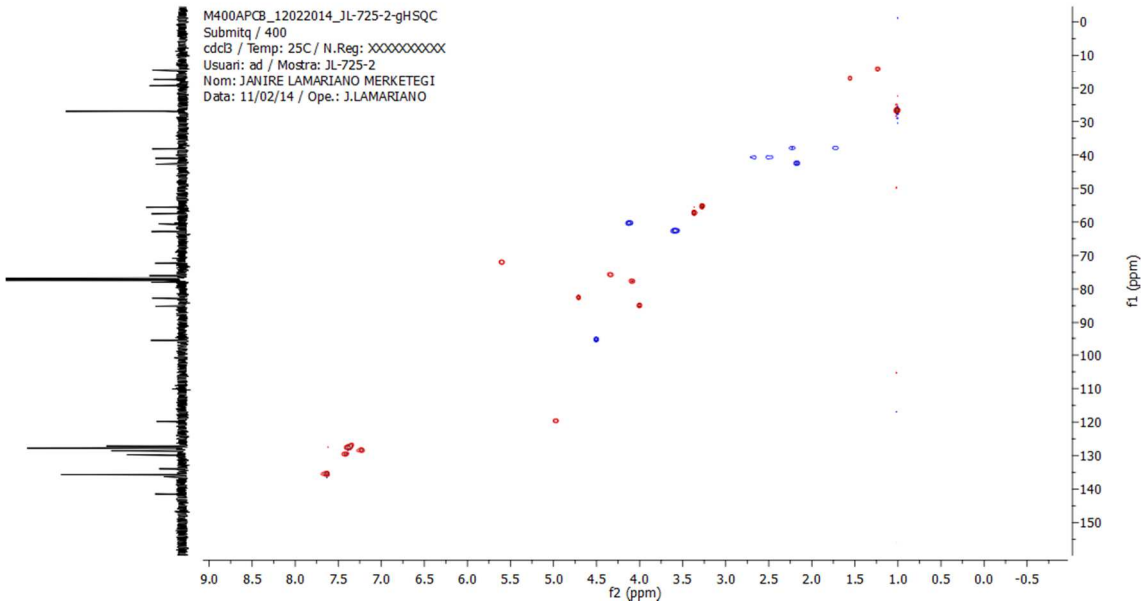
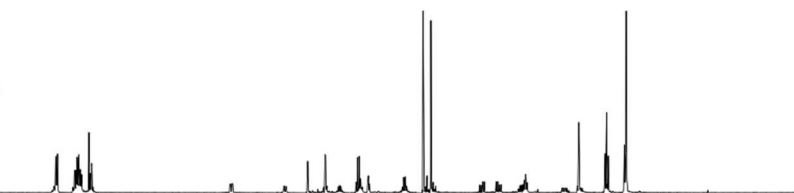
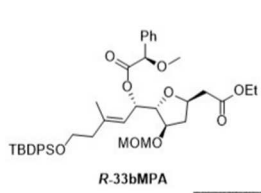
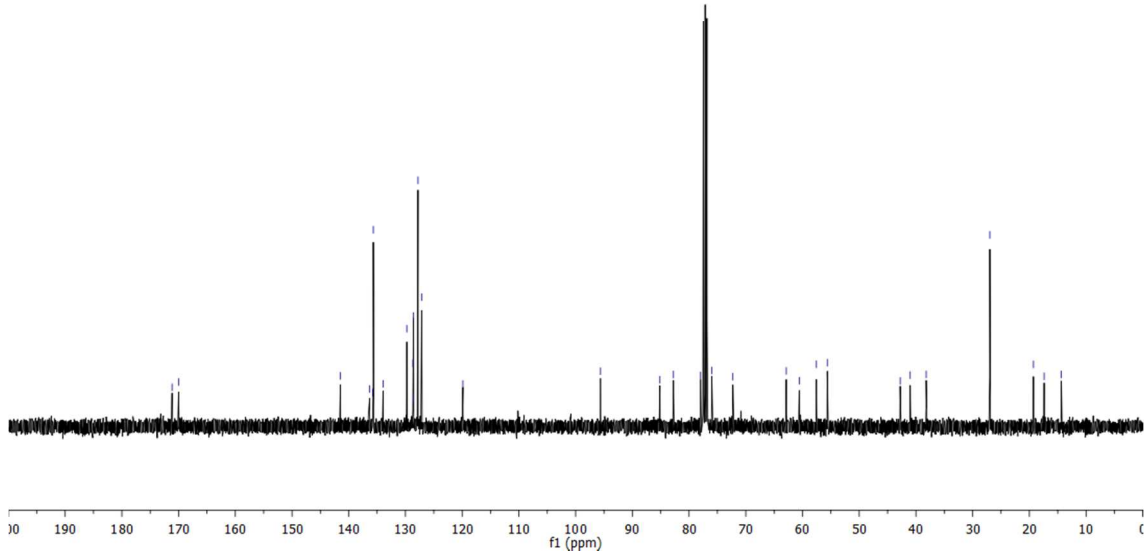
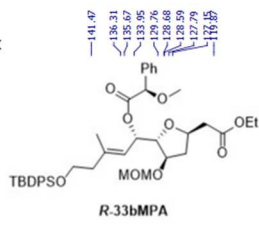
—41.23

—37.86

—14.33



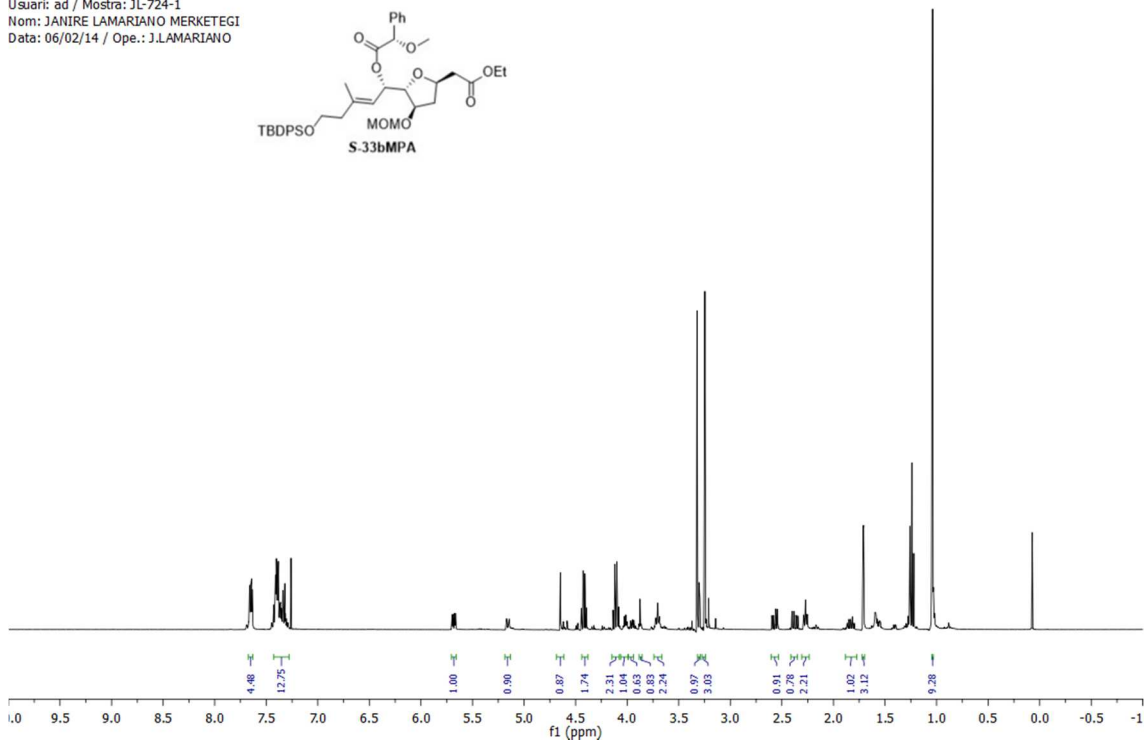
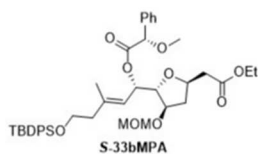
M400APCB_12022014_JL-725-2-C13
 Submitq / 400
 cdcl3 / Temp: 25C / N.Reg: XXXXXXXXXXXX
 Usuari: ad / Mostra: JL-725-2
 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 11/02/14 / Ope.: J.LAMARIANO



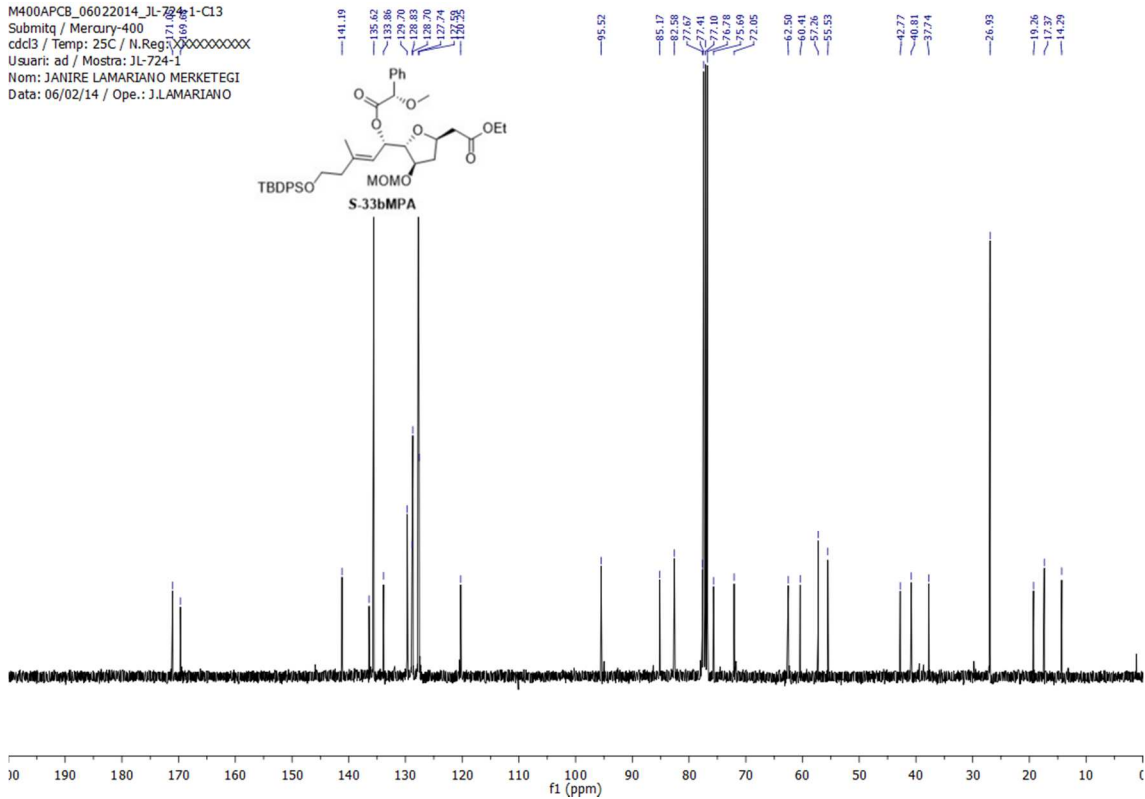
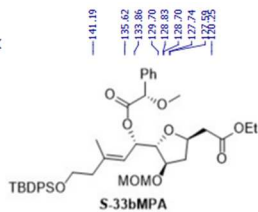
M400APCB_12022014_JL-725-2-gHSQC
 Submitq / 400
 cdcl3 / Temp: 25C / N.Reg: XXXXXXXXXXXX
 Usuari: ad / Mostra: JL-725-2
 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 11/02/14 / Ope.: J.LAMARIANO

Compuesto S-33bMPA

M400APCB_06022014_JL-724-1-H1_rep_22_10_57
 Submitq / Mercury-400
 cdcl3 / Temp: 25C / N.Reg:XXXXXXXXXX
 Usuari: ad / Mostra: JL-724-1
 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 06/02/14 / Ope.: J.LAMARIANO

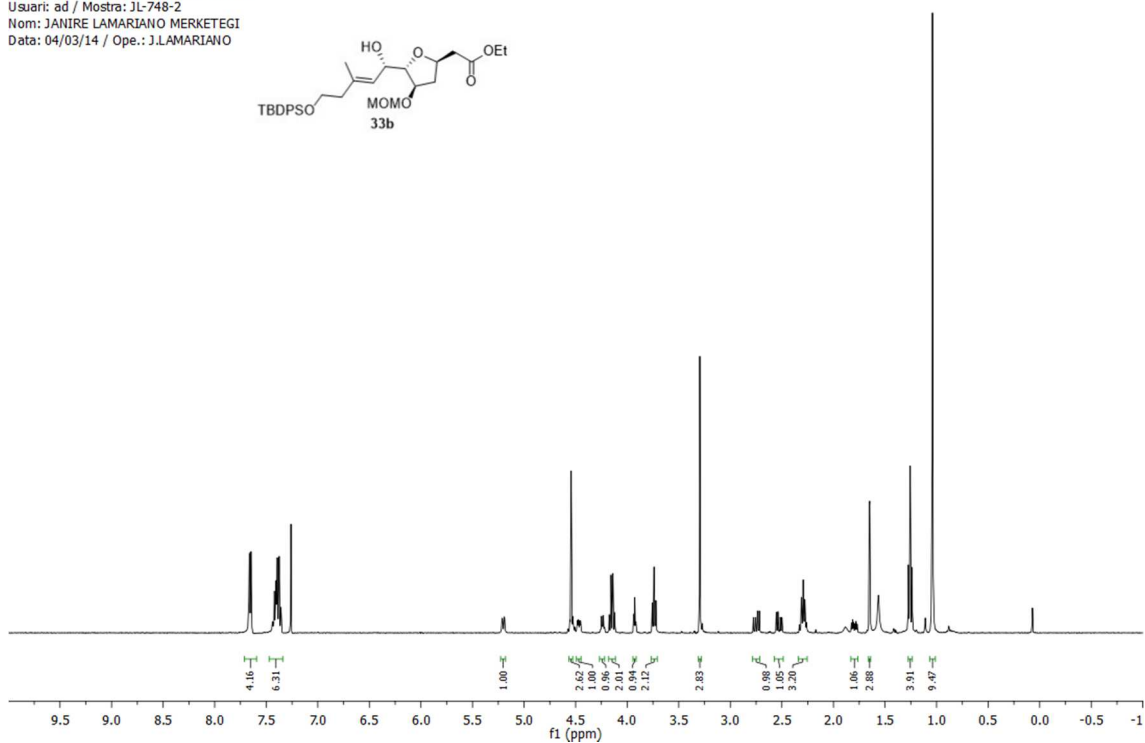
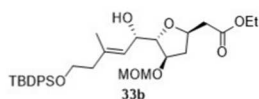


M400APCB_06022014_JL-724-1-C13
 Submitq / Mercury-400
 cdcl3 / Temp: 25C / N.Reg:XXXXXXXXXX
 Usuari: ad / Mostra: JL-724-1
 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 06/02/14 / Ope.: J.LAMARIANO

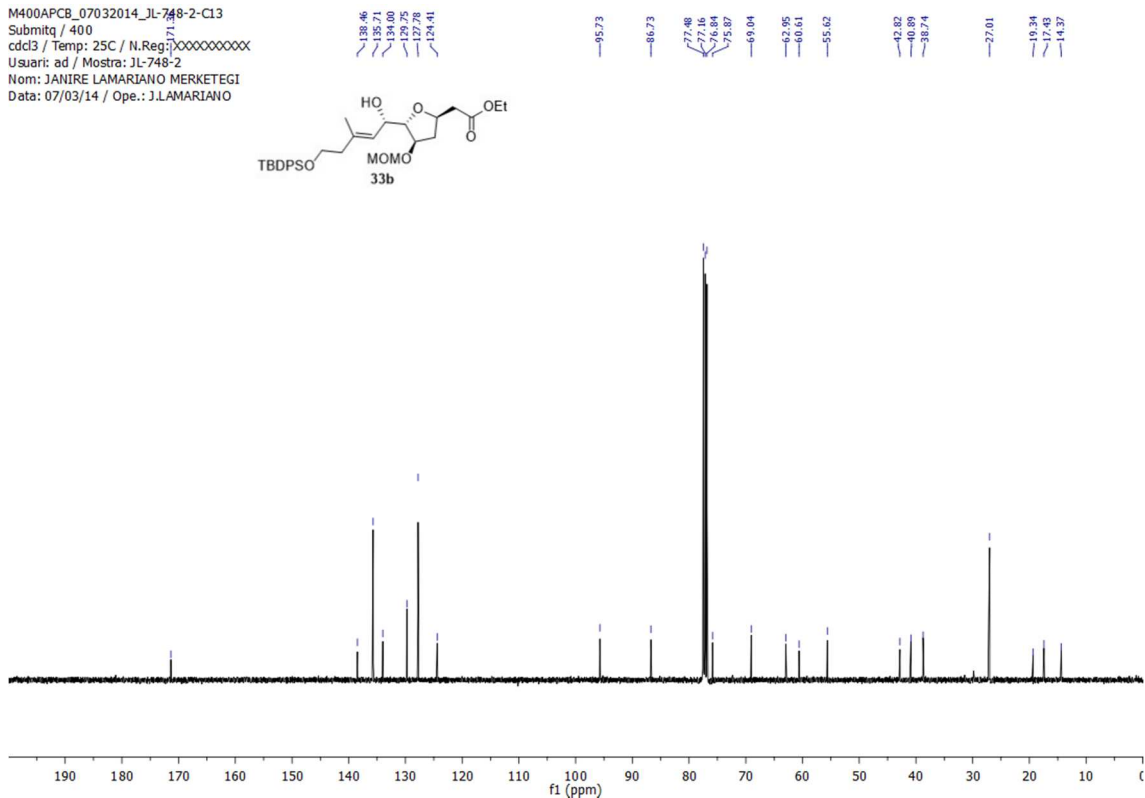
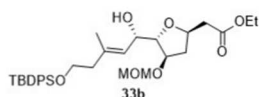


2-[(2R,4R,5S)-5-((S,E)-5-(terc-Butildifenilsiloxi)-1-hidroxi-3-metilpent-2-en-1-il)-4-metoximetoxitetrahidrofuran-2-il]acetato de etilo (33b)

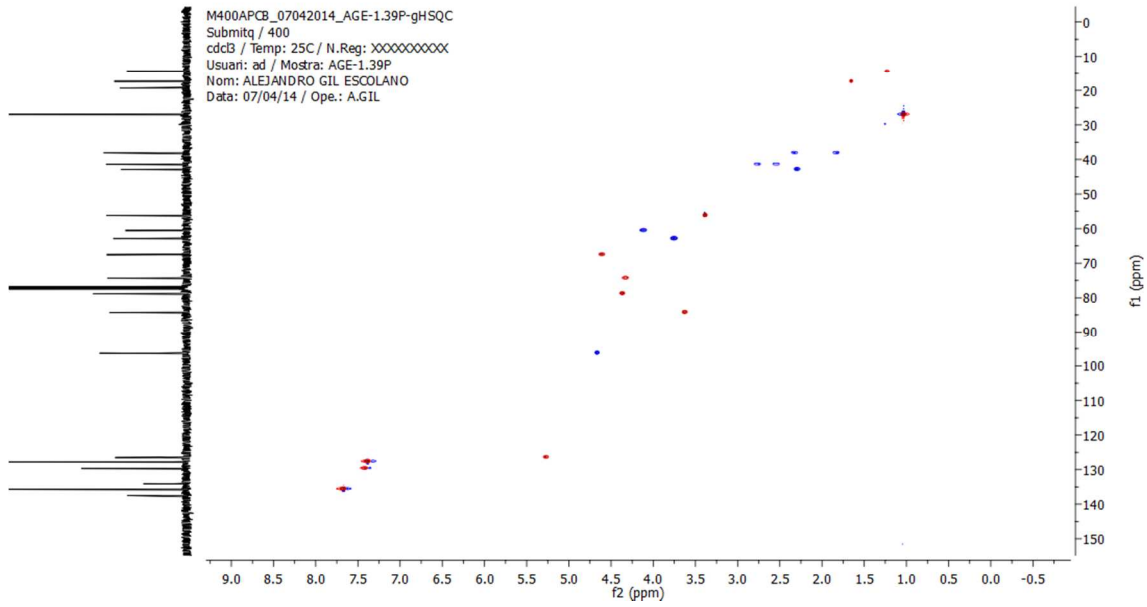
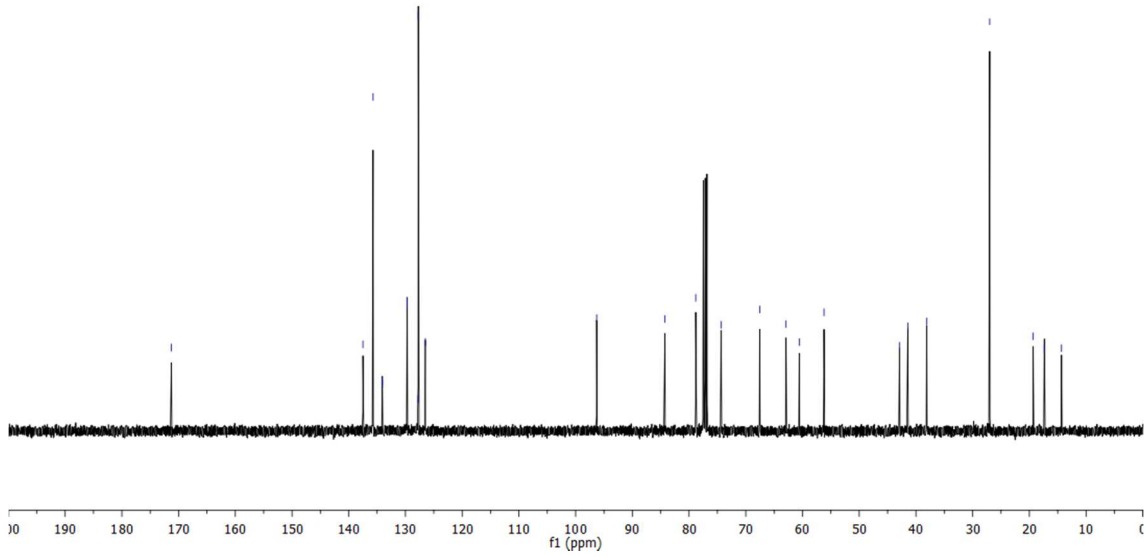
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 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 04/03/14 / Ope.: J.LAMARIANO



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 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 07/03/14 / Ope.: J.LAMARIANO



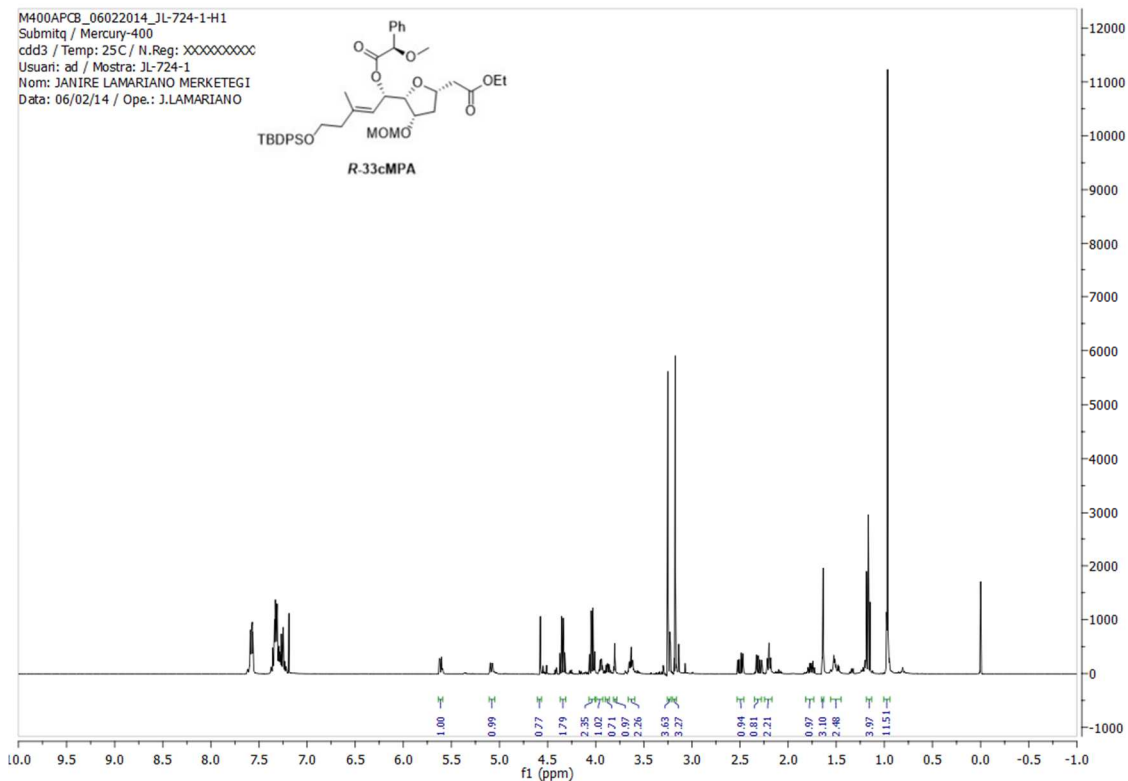
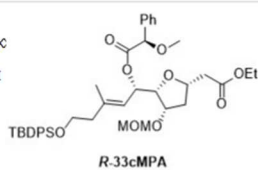
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 Usuari: ad / Mostra: AGE-1.39P
 Nom: ALEJANDRO GIL ESCOLANO
 Data: 07/04/14 / Ope.: A.GIL



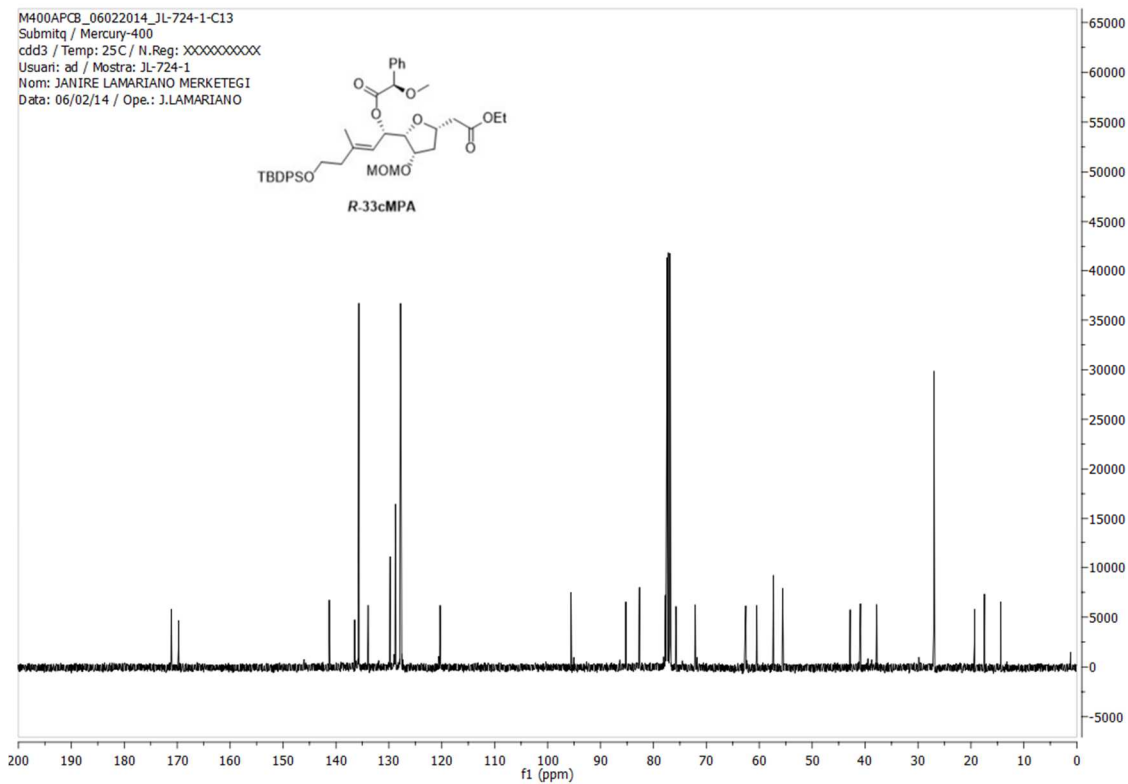
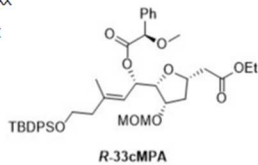
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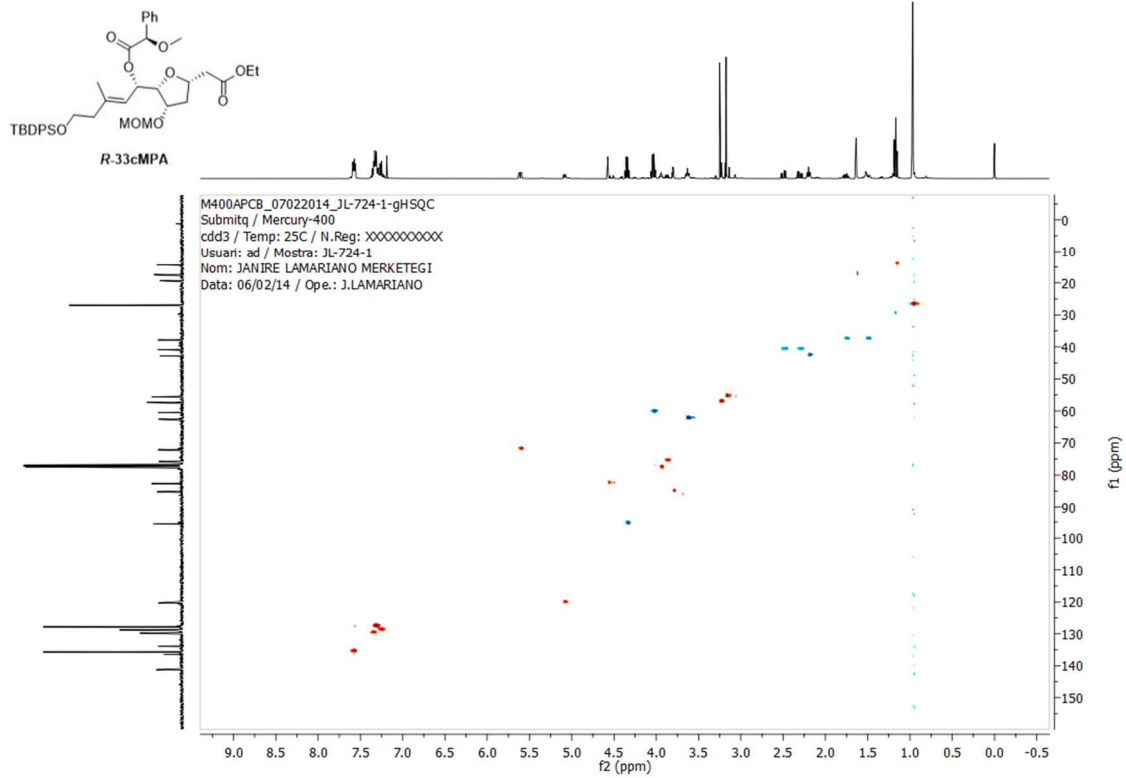
Compuesto R-33cMPA

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 Usuari: ad / Mostra: JL-724-1
 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 06/02/14 / Ope.: J.LAMARIANO



M400APCB_06022014_JL-724-1-C13
 Submitq / Mercury-400
 cdd3 / Temp: 25C / N.Reg: XXXXXXXXX
 Usuari: ad / Mostra: JL-724-1
 Nom: JANIRE LAMARIANO MERKETEGI
 Data: 06/02/14 / Ope.: J.LAMARIANO





Compuesto S-33cMPA

M400APCB_23042014_age1.52rcaract-H1
 Submitq / 400
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 Usuari: ad / Mostra: age1.52rcaract
 Nom: ALEJANDRO GIL ESCOLANO
 Data: 23/04/14 / Ope.: A.GIL

