

Aminocyclopropanes as precursors of endoperoxides with antimalarial activity

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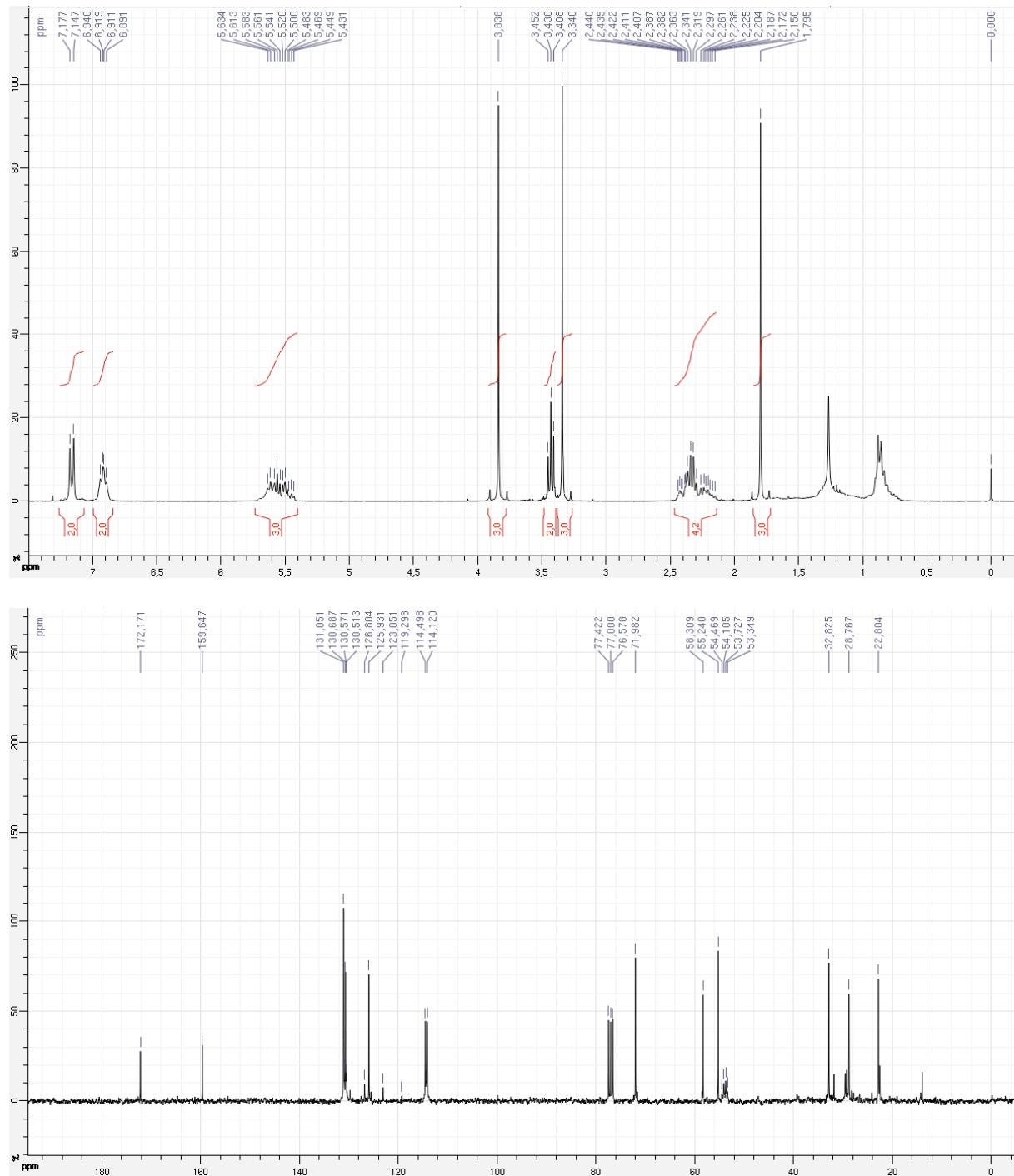
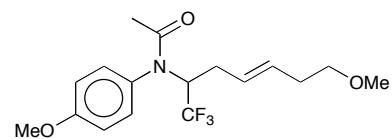
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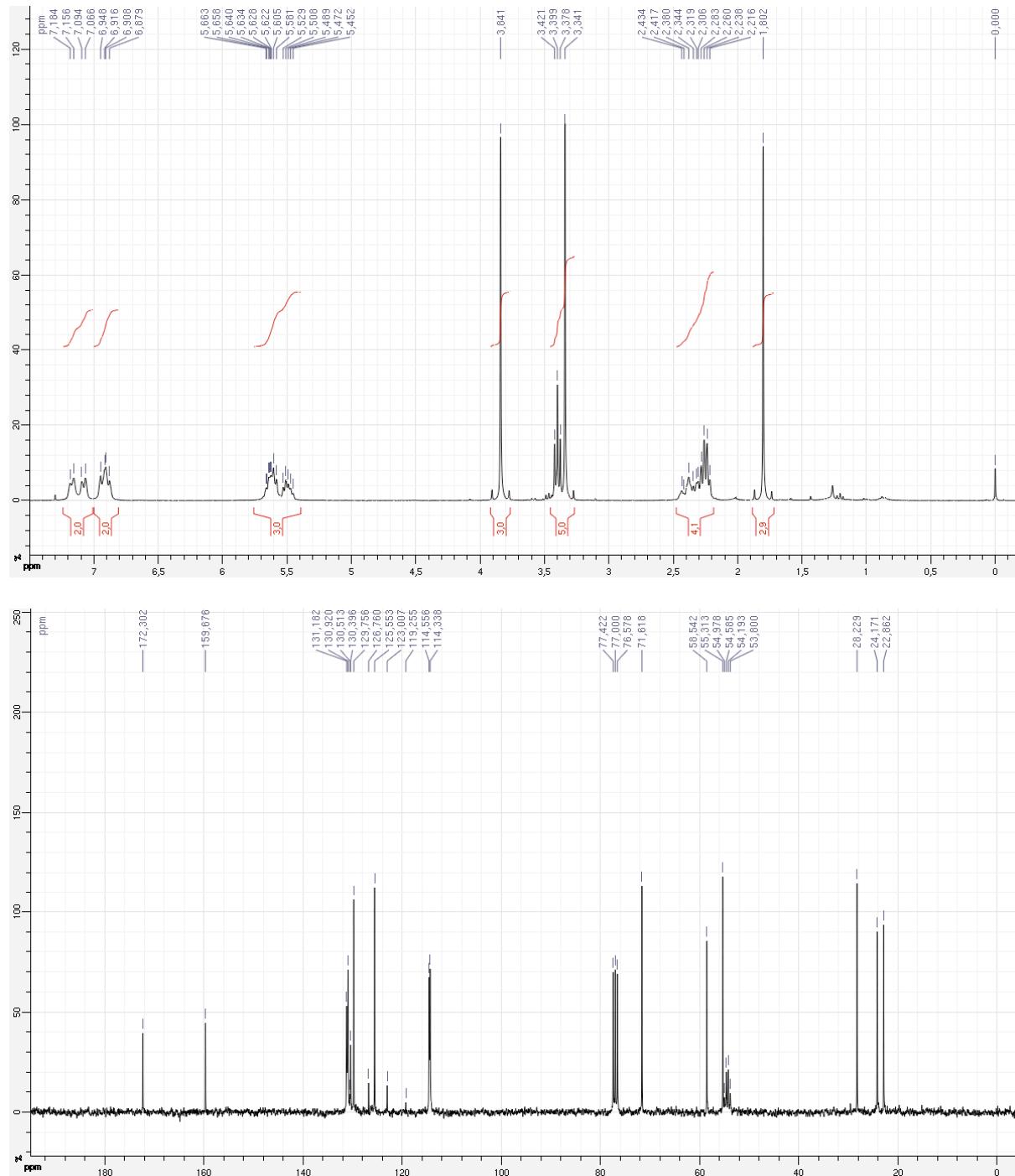
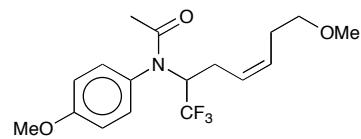
Supplementary Information

Part 2: NMR spectra of compounds (E)-**3c**, (Z)-**3c**, (E)-**3d**, (Z)-**3d**, **3e**, (E)-**3f**, (Z)-**3f**, (*R*^{*},*R*^{*})-**3g**, (*R*^{*},*S*^{*})-**3g**, **3h** (E/Z 84 : 16), **3i**, **3j**, **3m**, *endo-cis*-**2c**, *exo-cis*-**2c**, *endo-cis*-**2d**, *exo-cis*-**2d**, *endo*-**2f** (*cis/trans* 79 : 21), *endo*-**2h**, *endo-cis*-**1c**, *exo-cis*-**1c**, *endo-cis*-**1d**, *exo-cis*-**1d**, *exo*-**1h**, *endo*-**1k**, **6**.

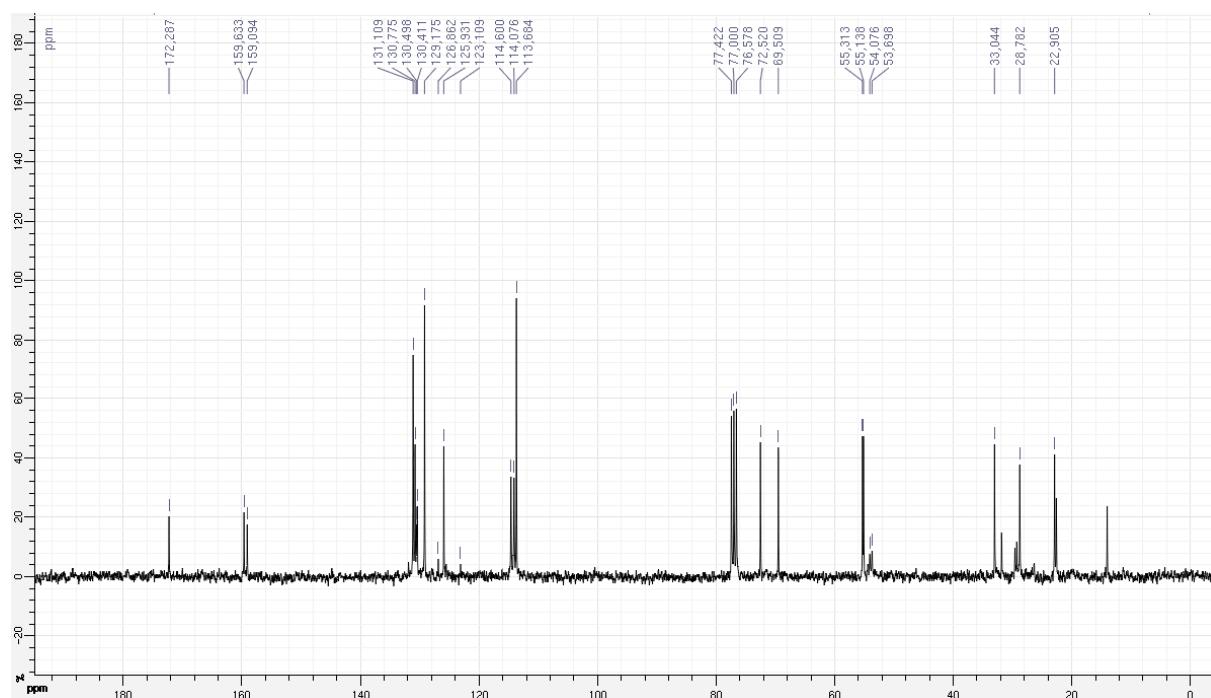
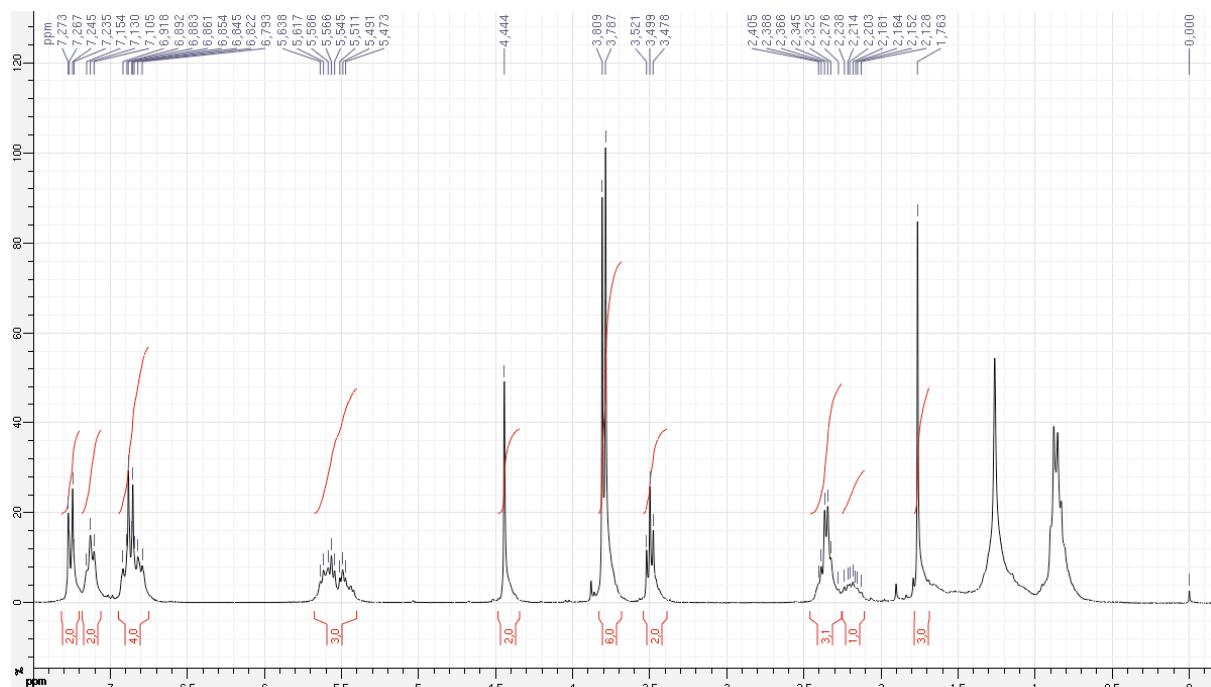
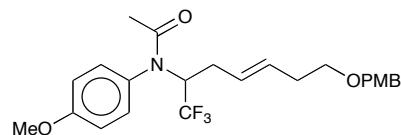
(E)-N-(4-Methoxyphenyl)-N-(1,1,1-trifluoro-7-methoxyhept-4-en-2-yl)acetamide [(E)-**3c**]



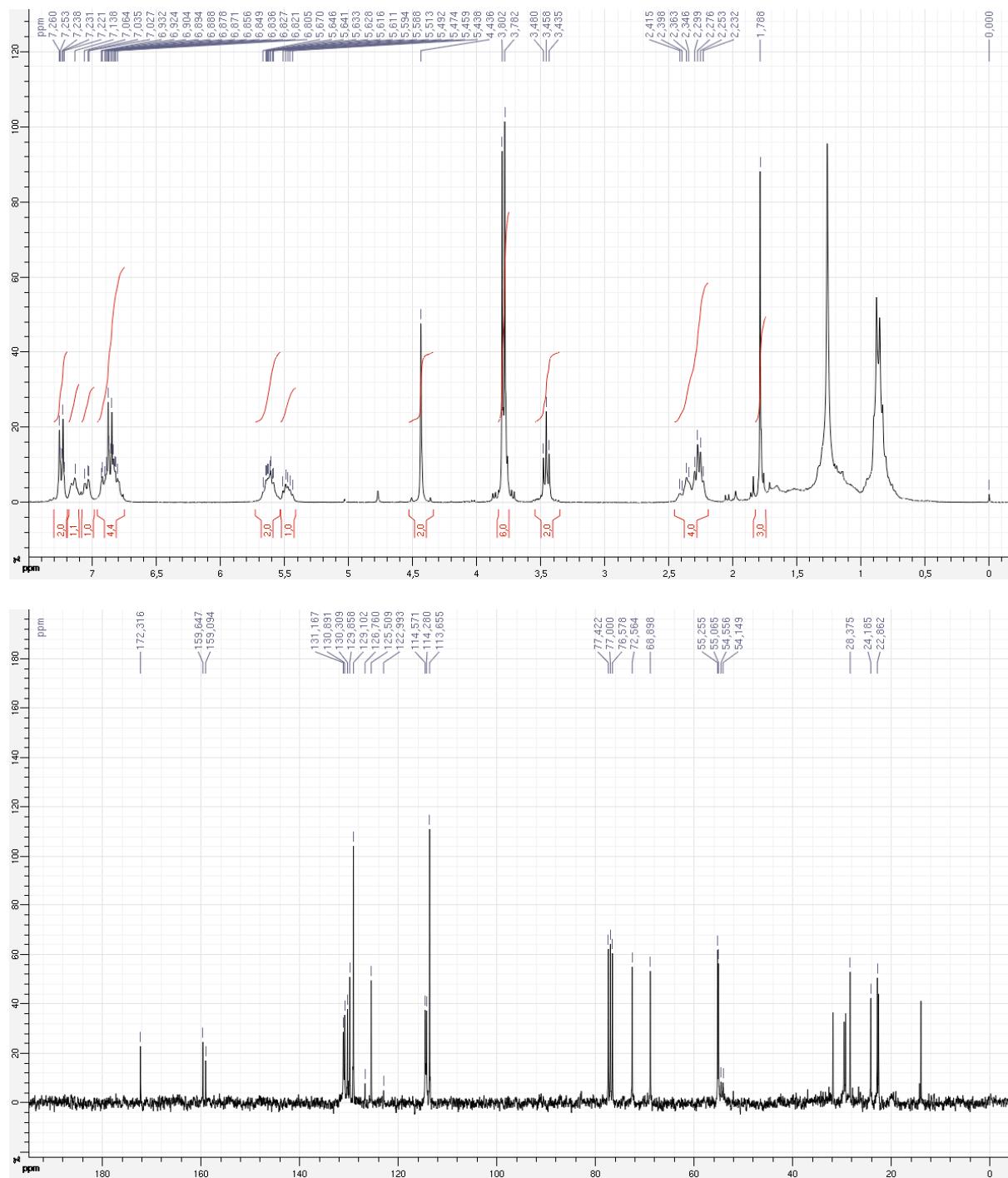
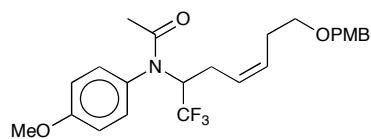
(Z)-N-(4-Methoxyphenyl)-N-(1,1,1-trifluoro-7-methoxyhept-4-en-2-yl)acetamide [(Z)-3c]



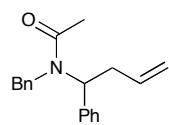
(*E*)-*N*-(4-Methoxyphenyl)-*N*-(1,1,1-trifluoro-7-(4-methoxybenzyloxy)hept-4-en-2-yl)acetamide [*(E*-3d]



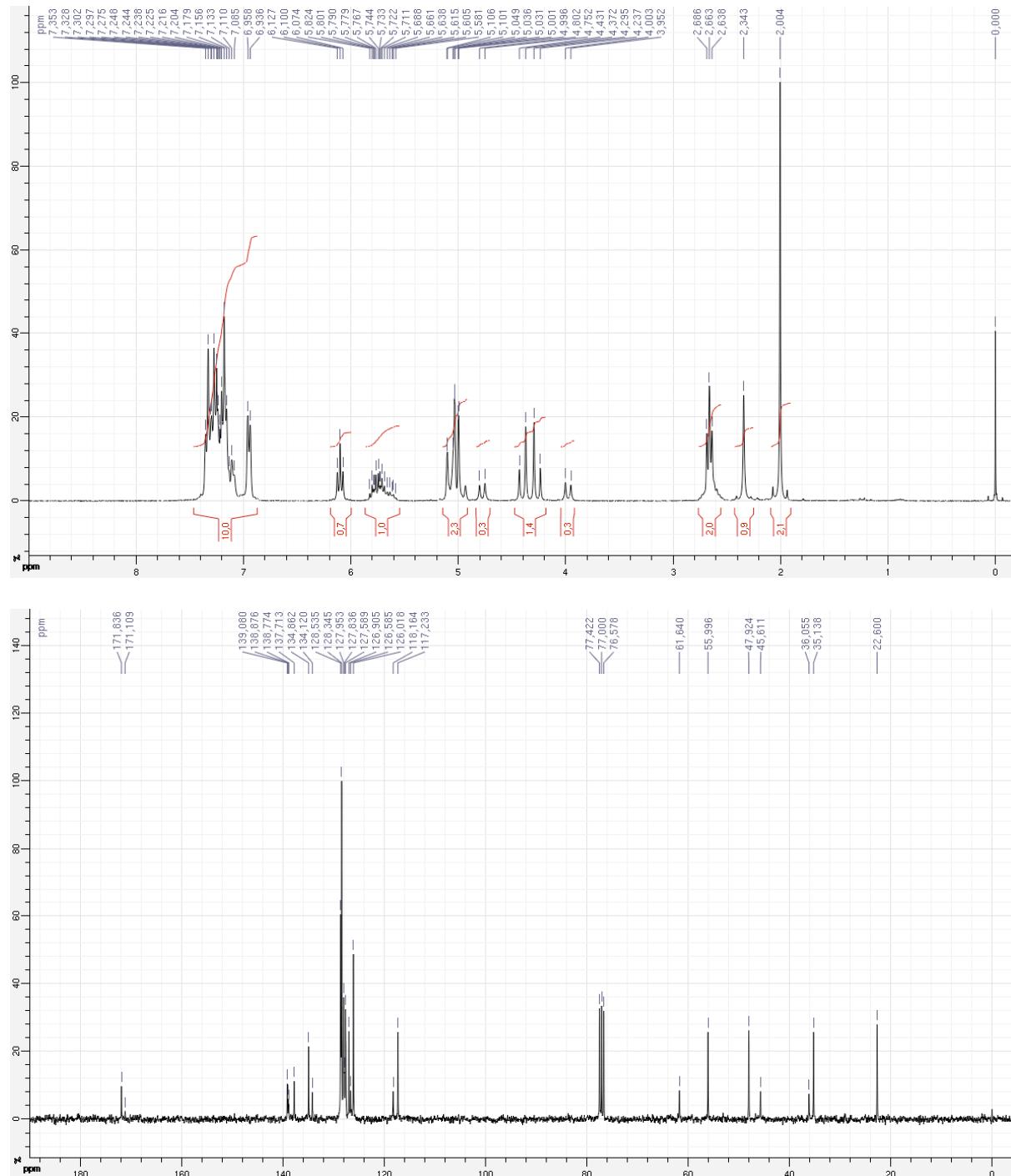
(Z)-N-(4-Methoxyphenyl)-N-(1,1,1-trifluoro-7-(4-methoxybenzyloxy)hept-4-en-2-yl)acetamide [(Z)-**3d**]



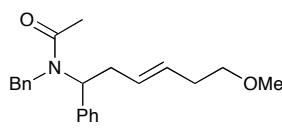
N-Benzyl-*N*-(1-phenylbut-3-enyl)acetamide [3e]



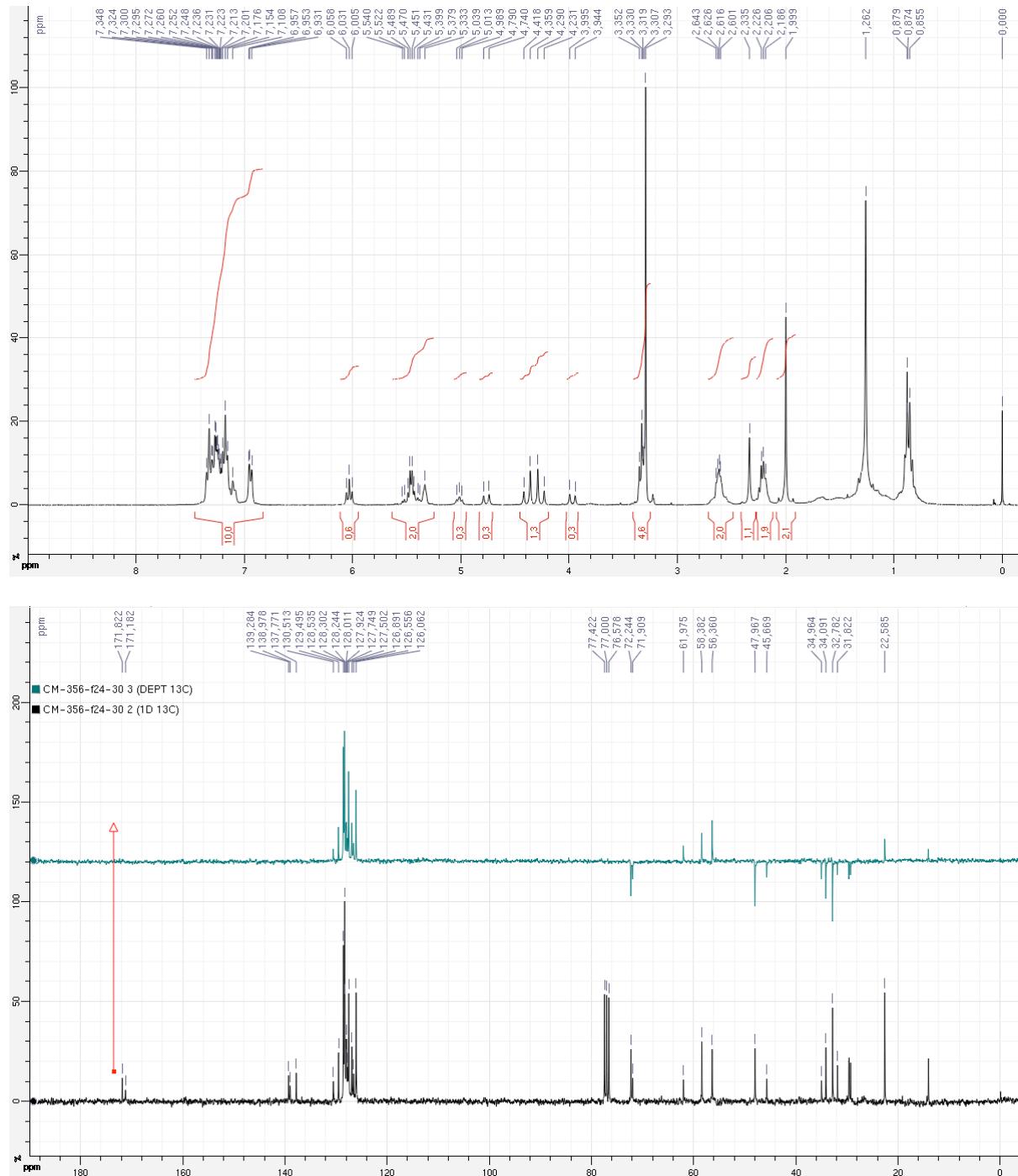
(70 : 30 mixture of two rotamers in CDCl₃)



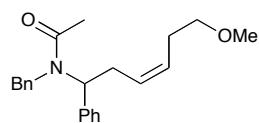
(*E*)–N-Benzyl-N-(6-methoxy-1-phenylhex-3-enyl)acetamide [(*E*)–**3f**]



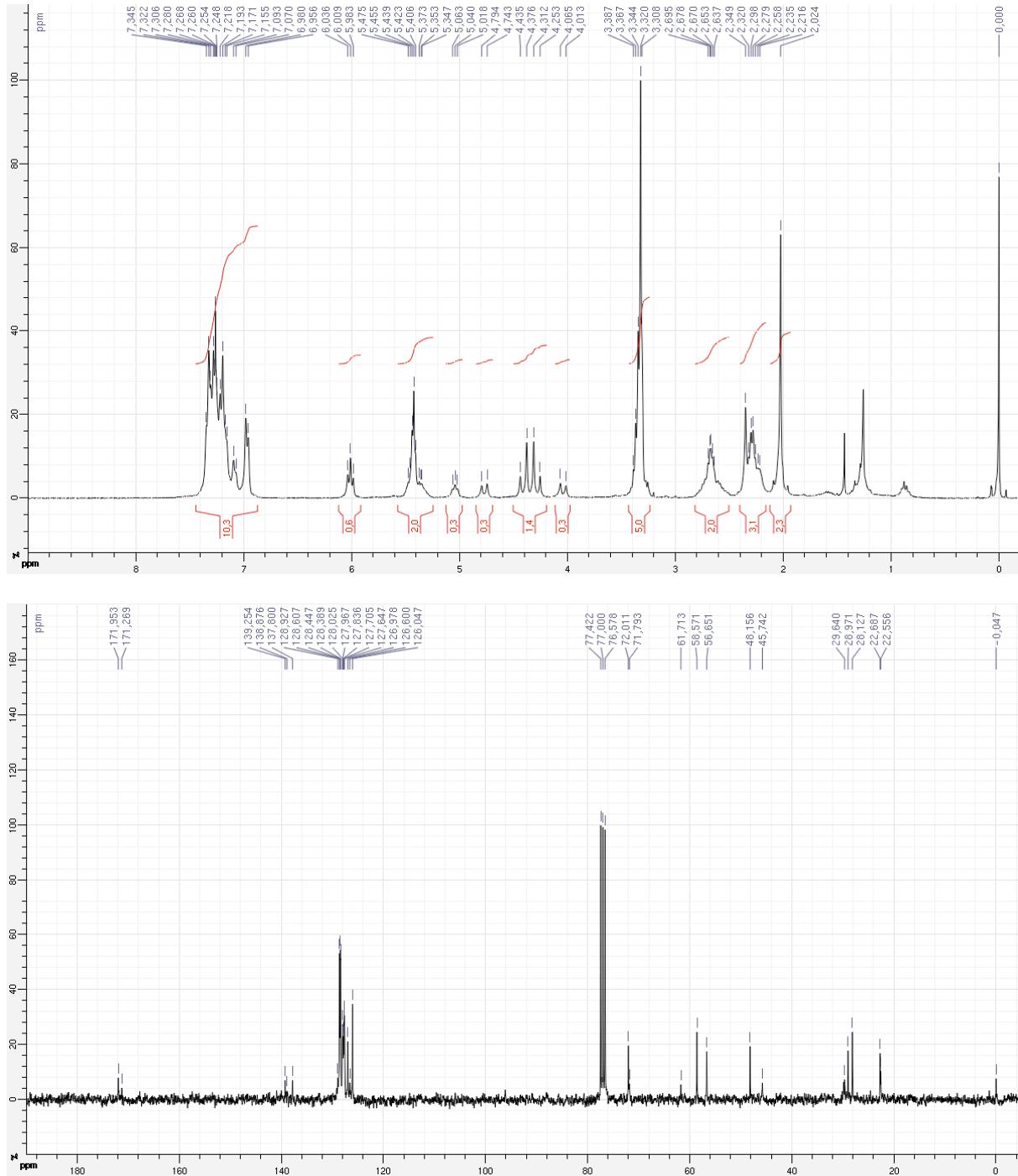
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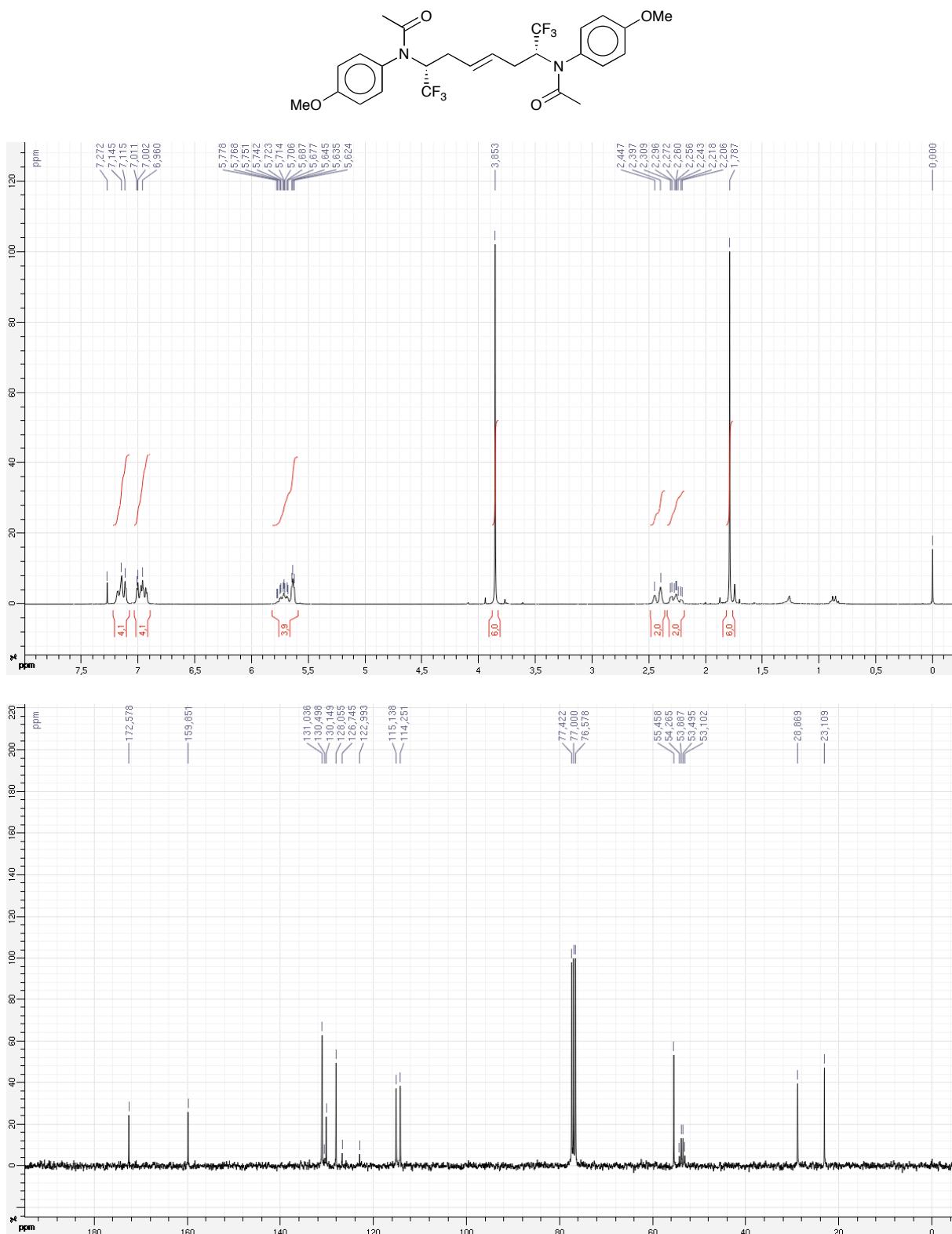
(Z)-N-Benzyl-N-(6-methoxy-1-phenylhex-3-enyl)acetamide [(Z)-**3f**]



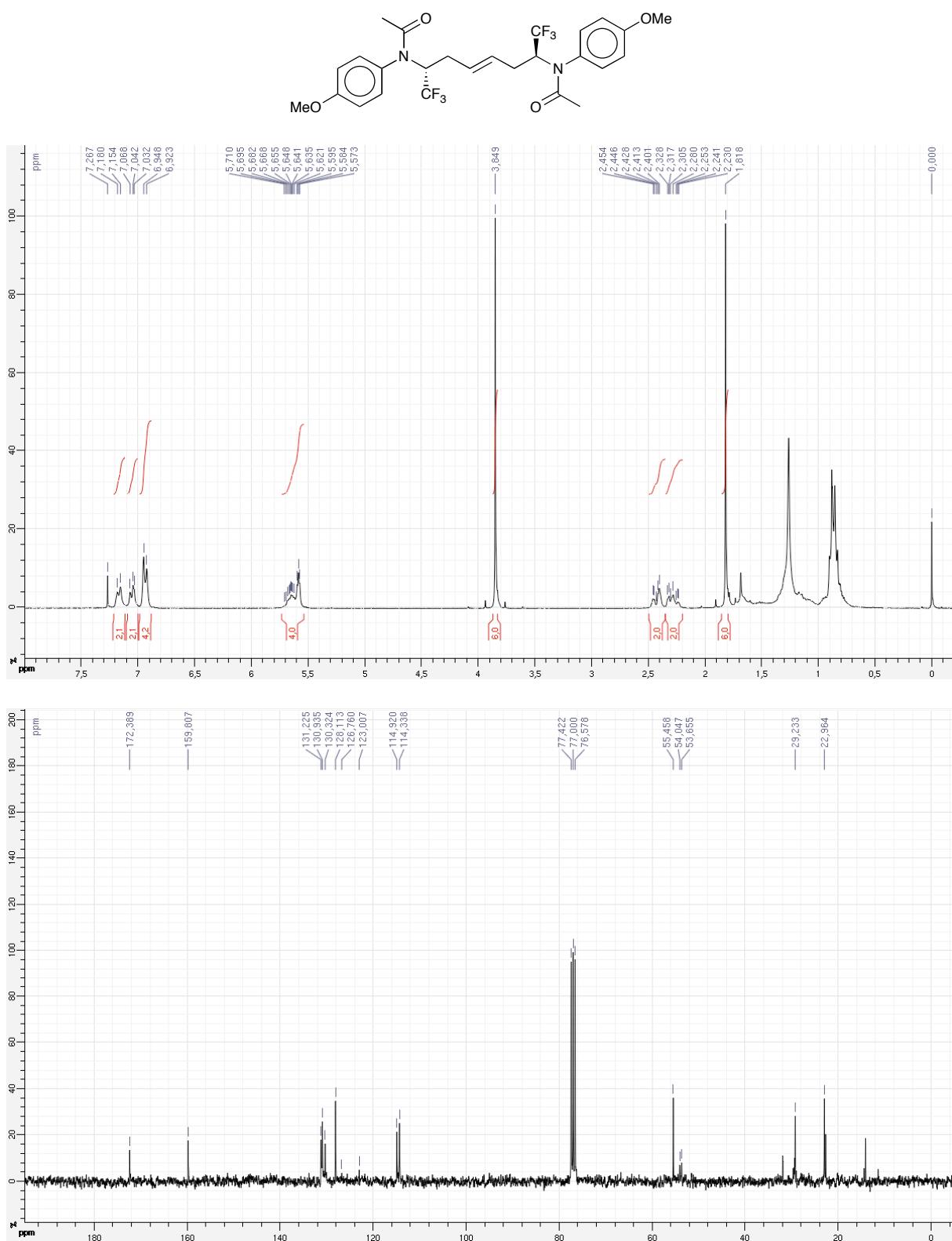
(70 : 30 mixture of two rotamers in CDCl₃)



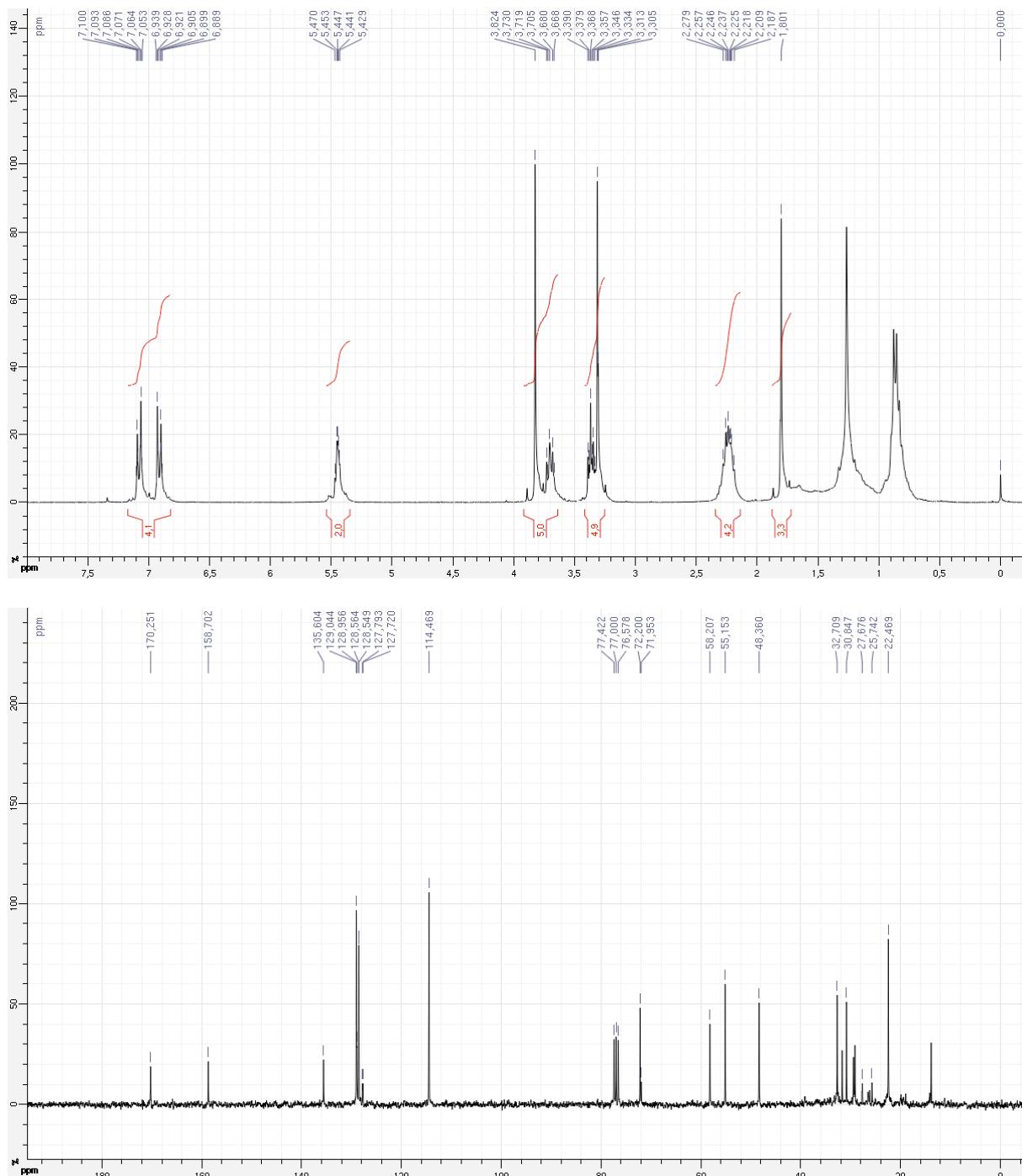
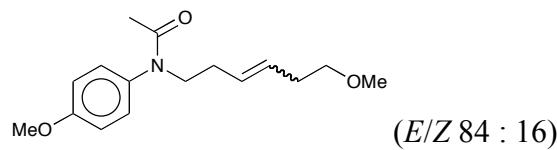
N,N'-((2*R**,7*R**,*E*)-1,1,1,8,8,8-Hexafluorooct-4-ene-2,7-diyl)bis(*N*-(4-methoxyphenyl)acetamide) [(*R**,*R**)-3g]



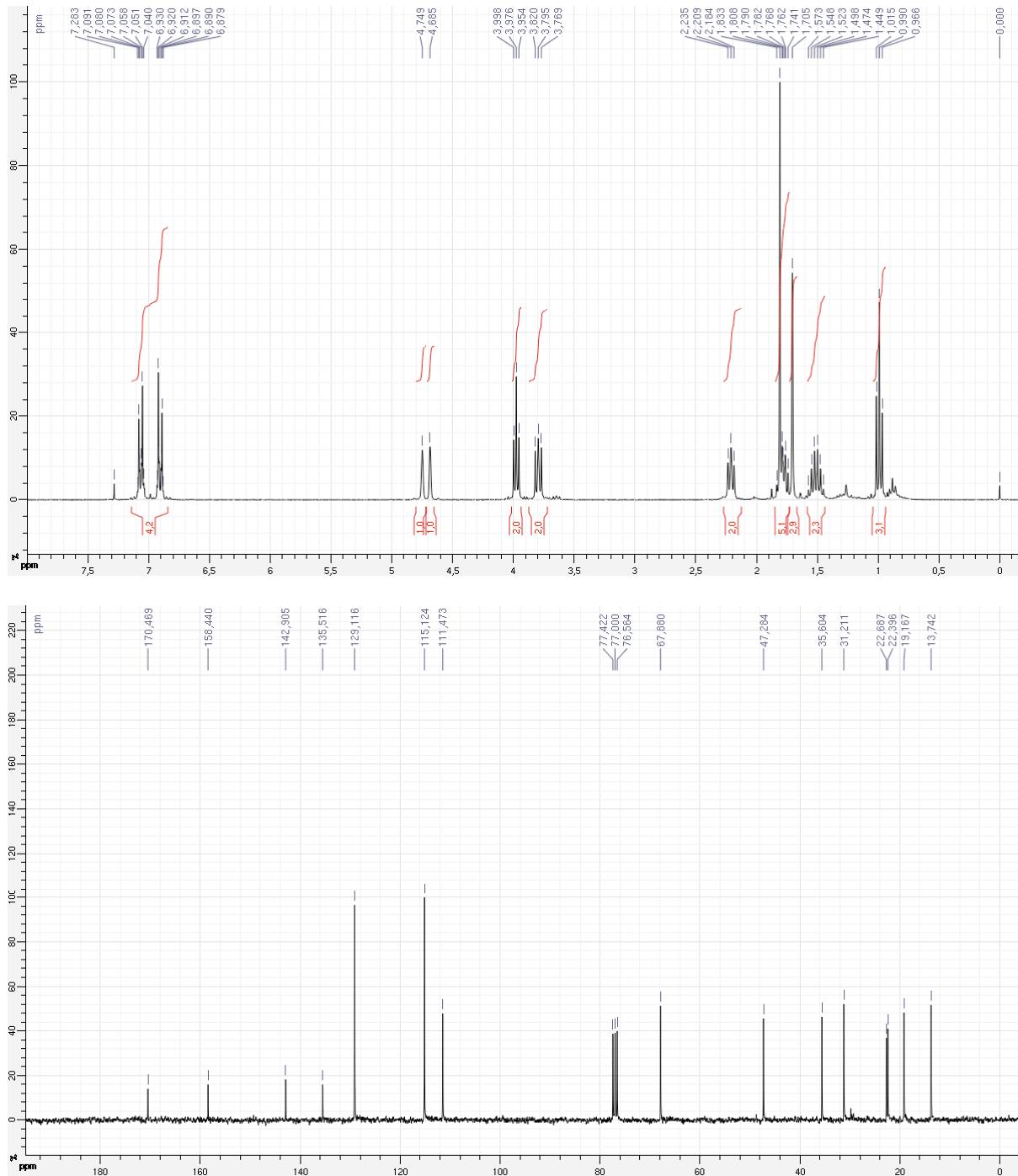
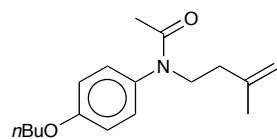
N,N'-((2*R**,7*S**,*E*)-1,1,1,8,8,8-Hexafluorooct-4-ene-2,7-diyl)bis(*N*-(4-methoxyphenyl)acetamide) [(*R**,*S**)-3g]



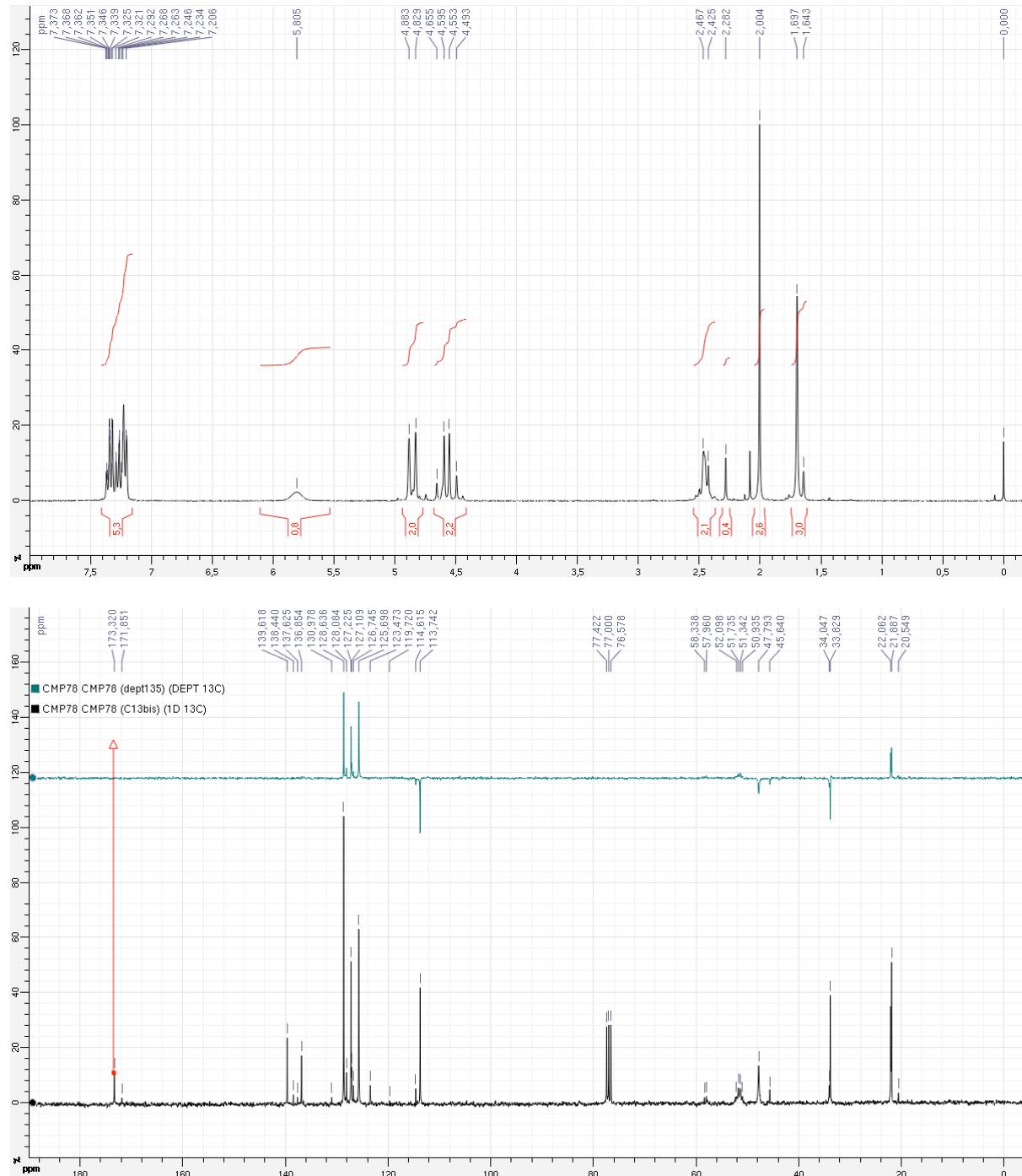
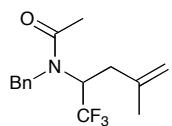
N-(6-Methoxyhex-3-enyl)-*N*-(4-methoxyphenyl)acetamide [**3h**]



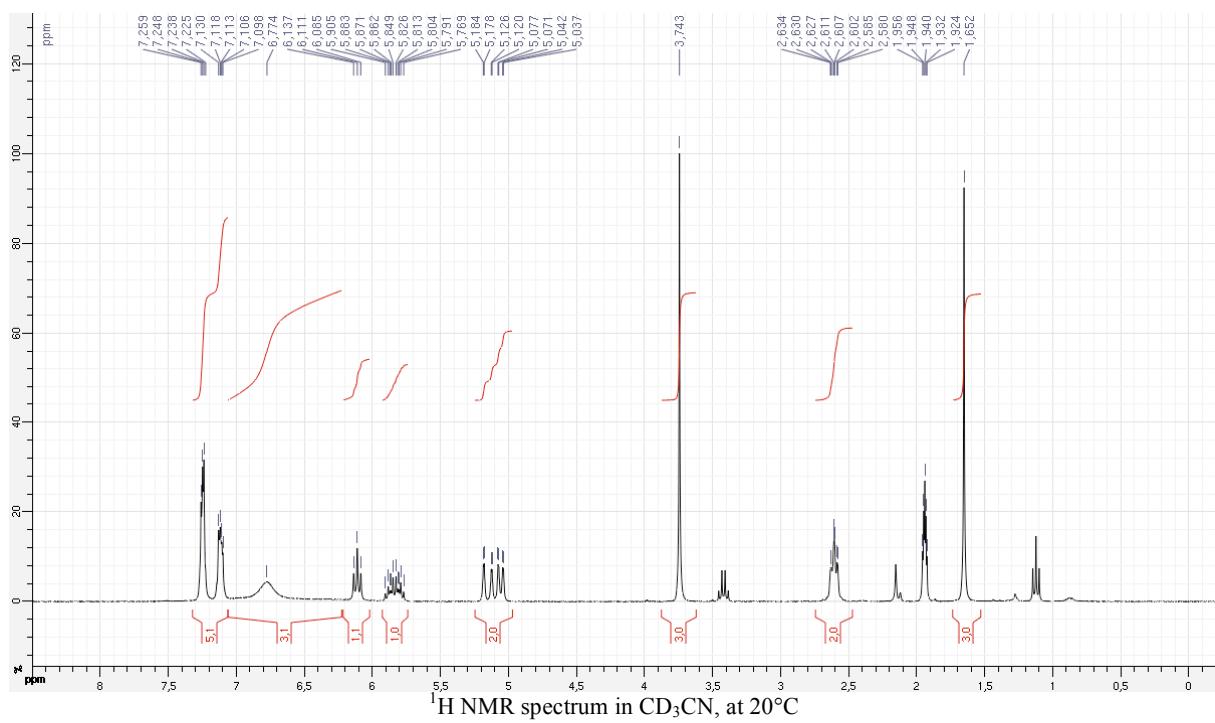
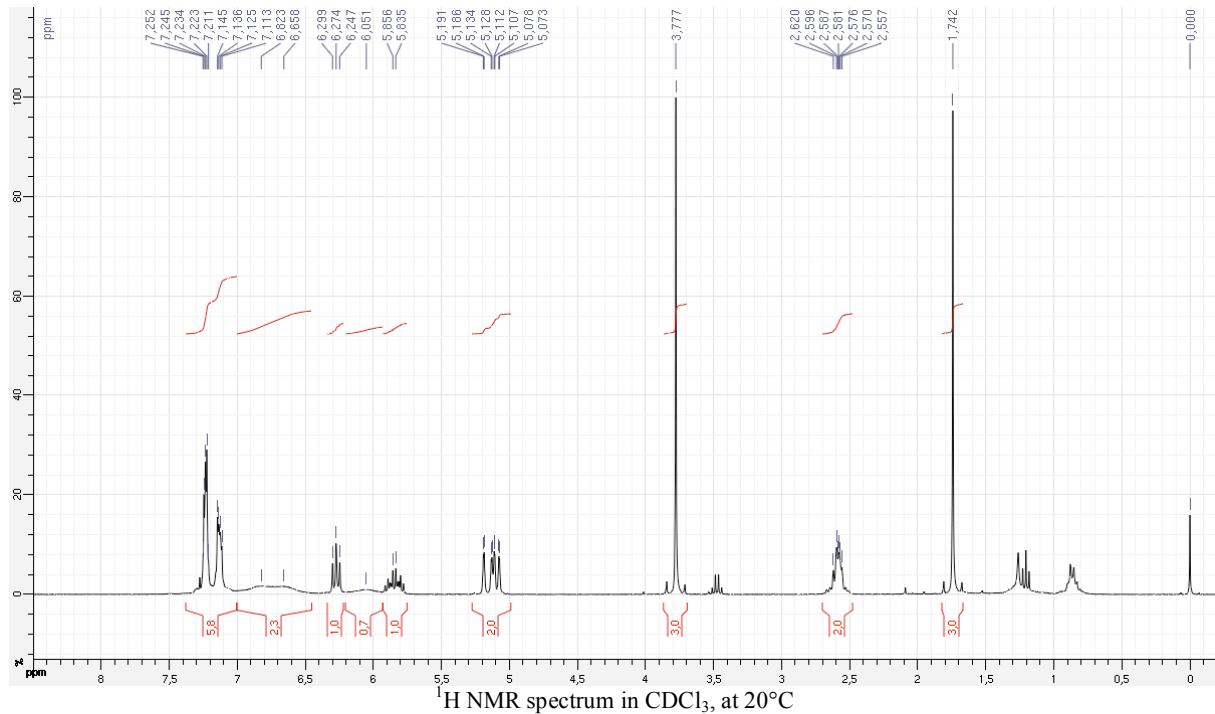
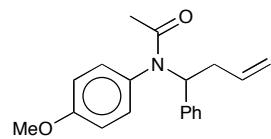
N-(4-Butoxyphenyl)-*N*-(3-methylbut-3-enyl)acetamide [3i]

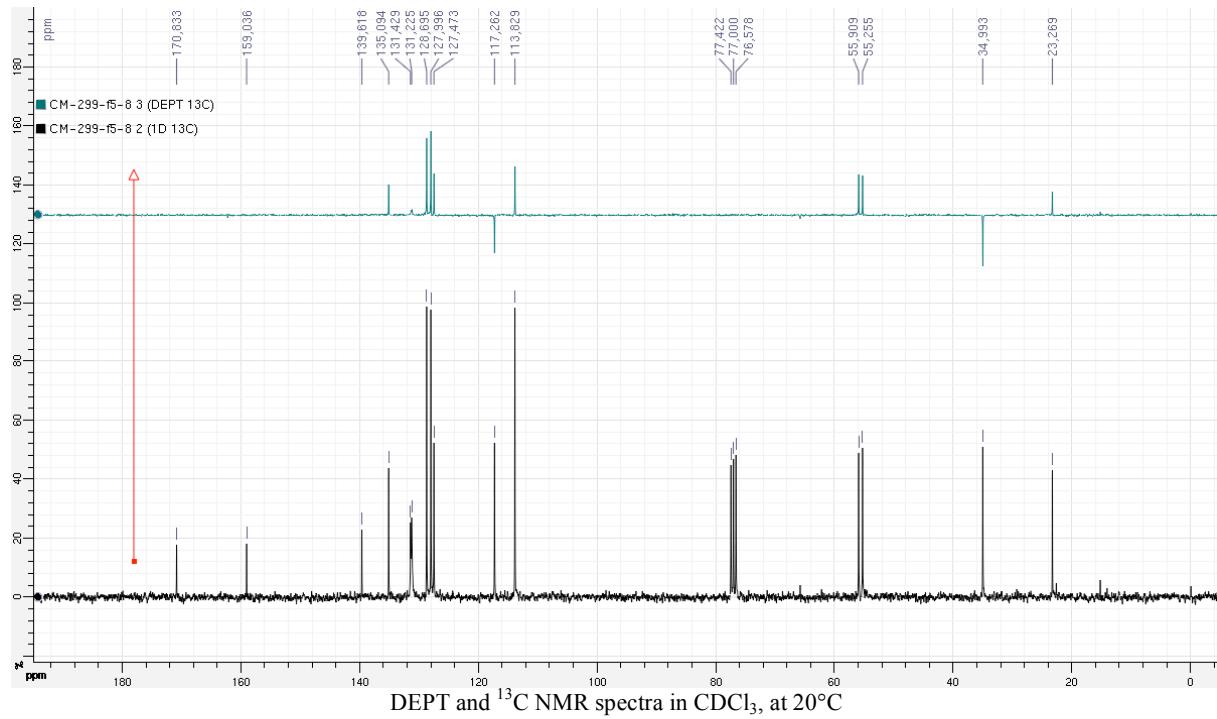
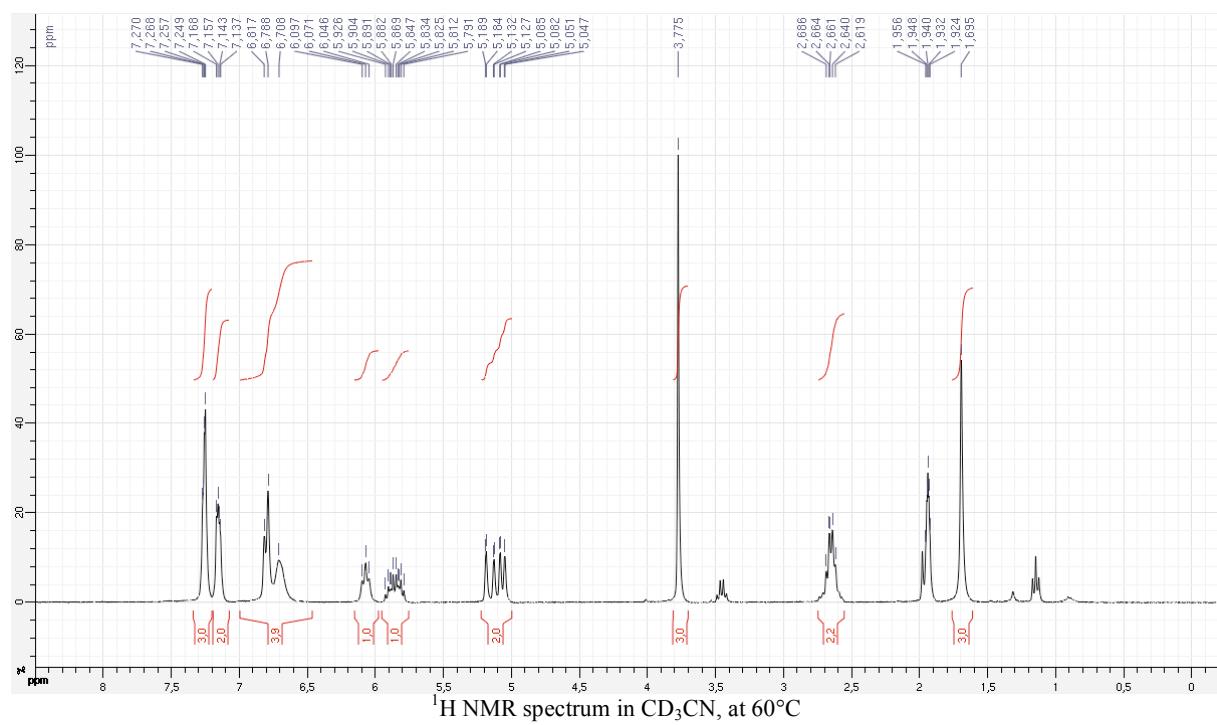


N-Benzyl-*N*-(1,1,1-trifluoro-4-methylpent-4-en-2-yl)acetamide [3j]

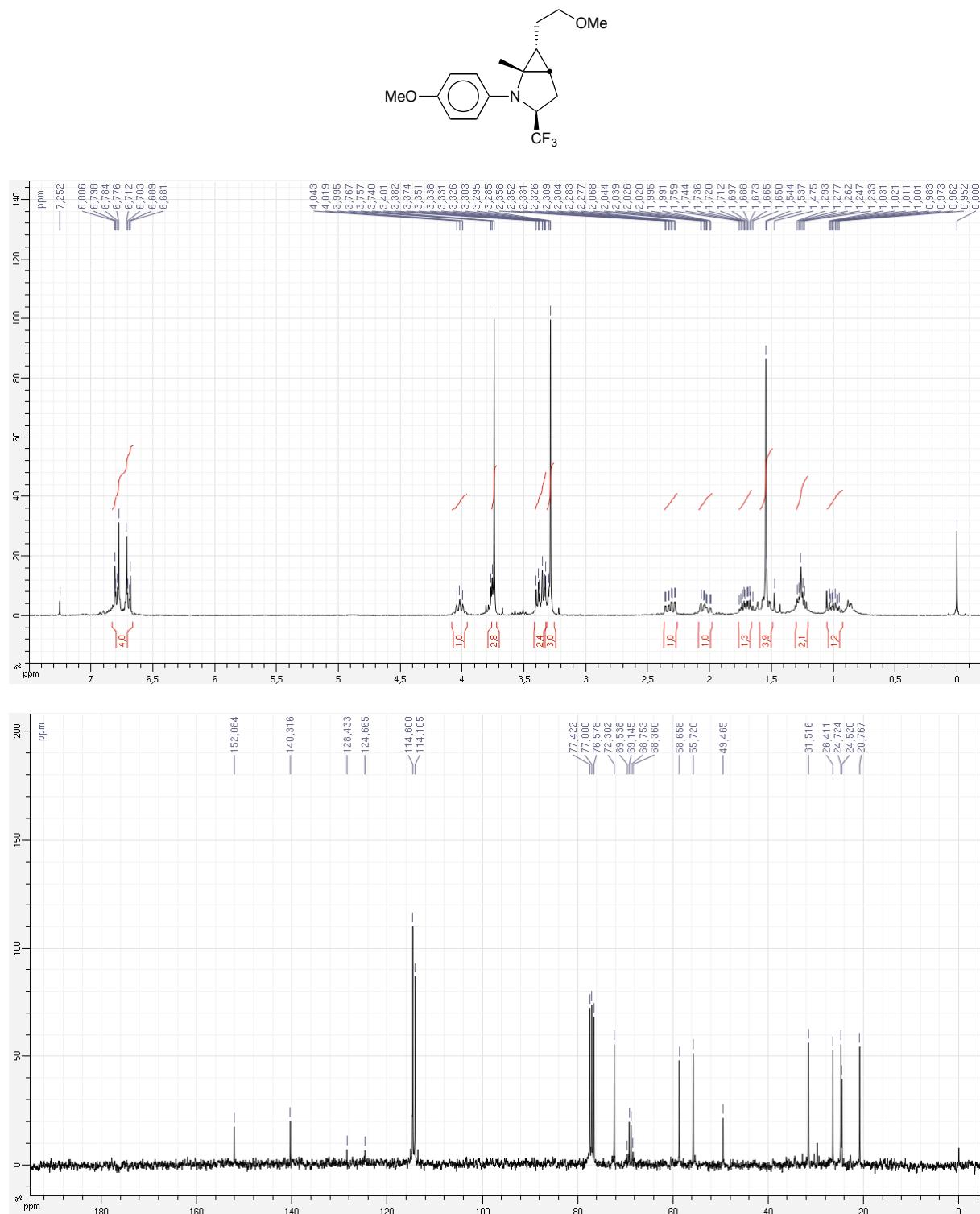


N-(4-Methoxyphenyl)-*N*-(1-phenylbut-3-enyl)acetamide [3m]

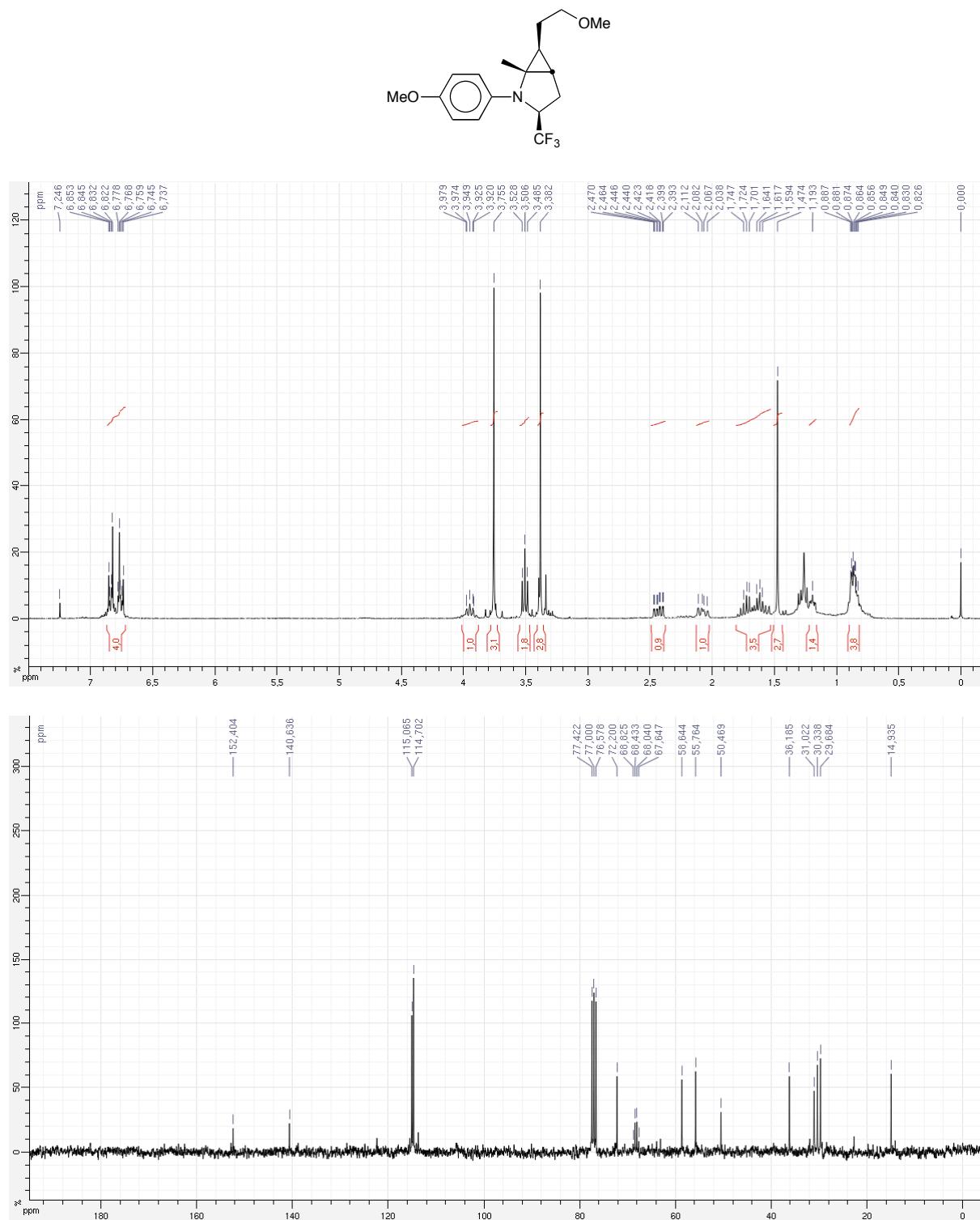




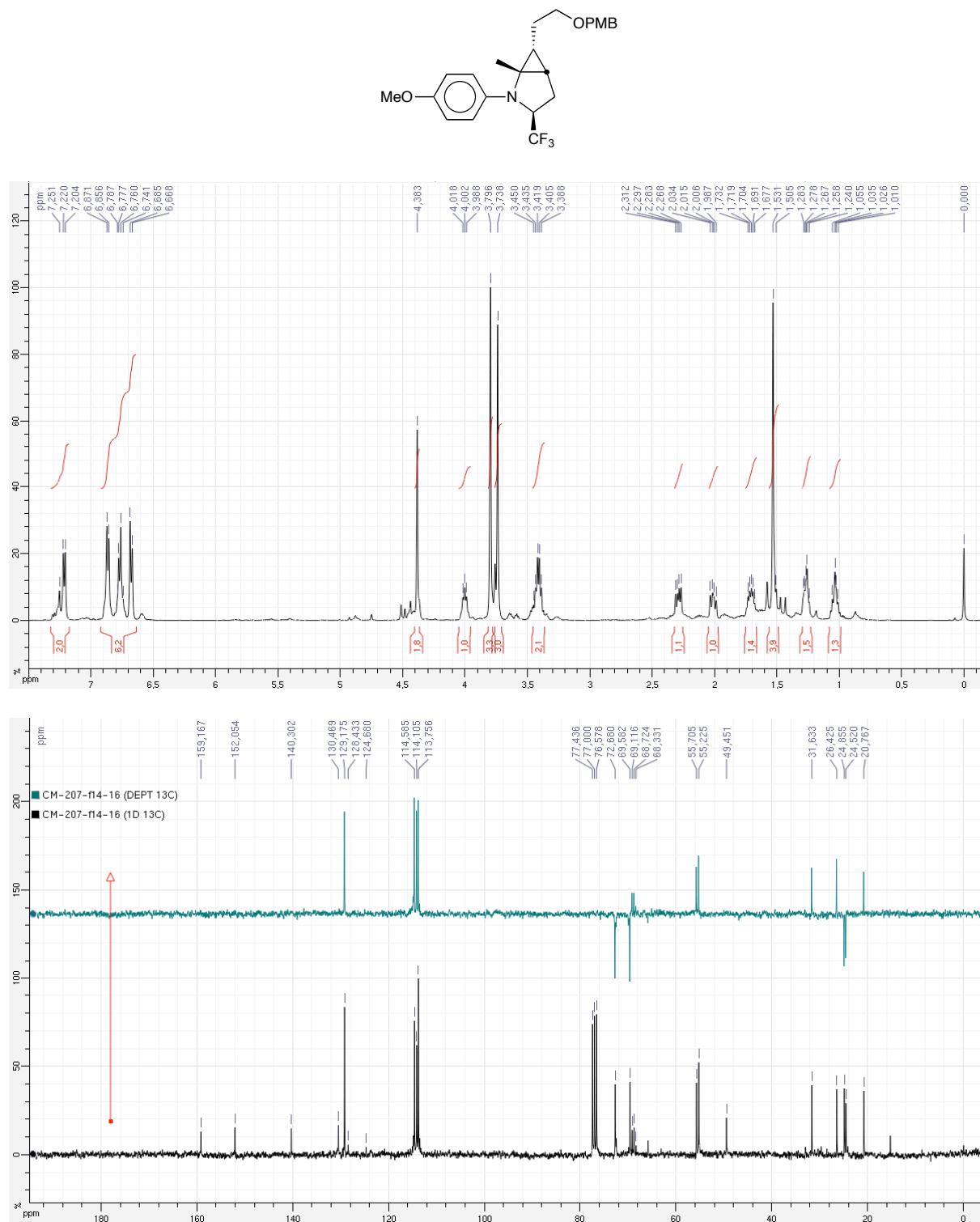
(1*R*^{*},3*R*^{*},5*R*^{*},6*S*^{*})-6-(2-Methoxyethyl)-2-(4-methoxyphenyl)-1-methyl-3-(trifluoromethyl)-2-azabicyclo[3.1.0]hexane [*endo-cis*-**2c**]



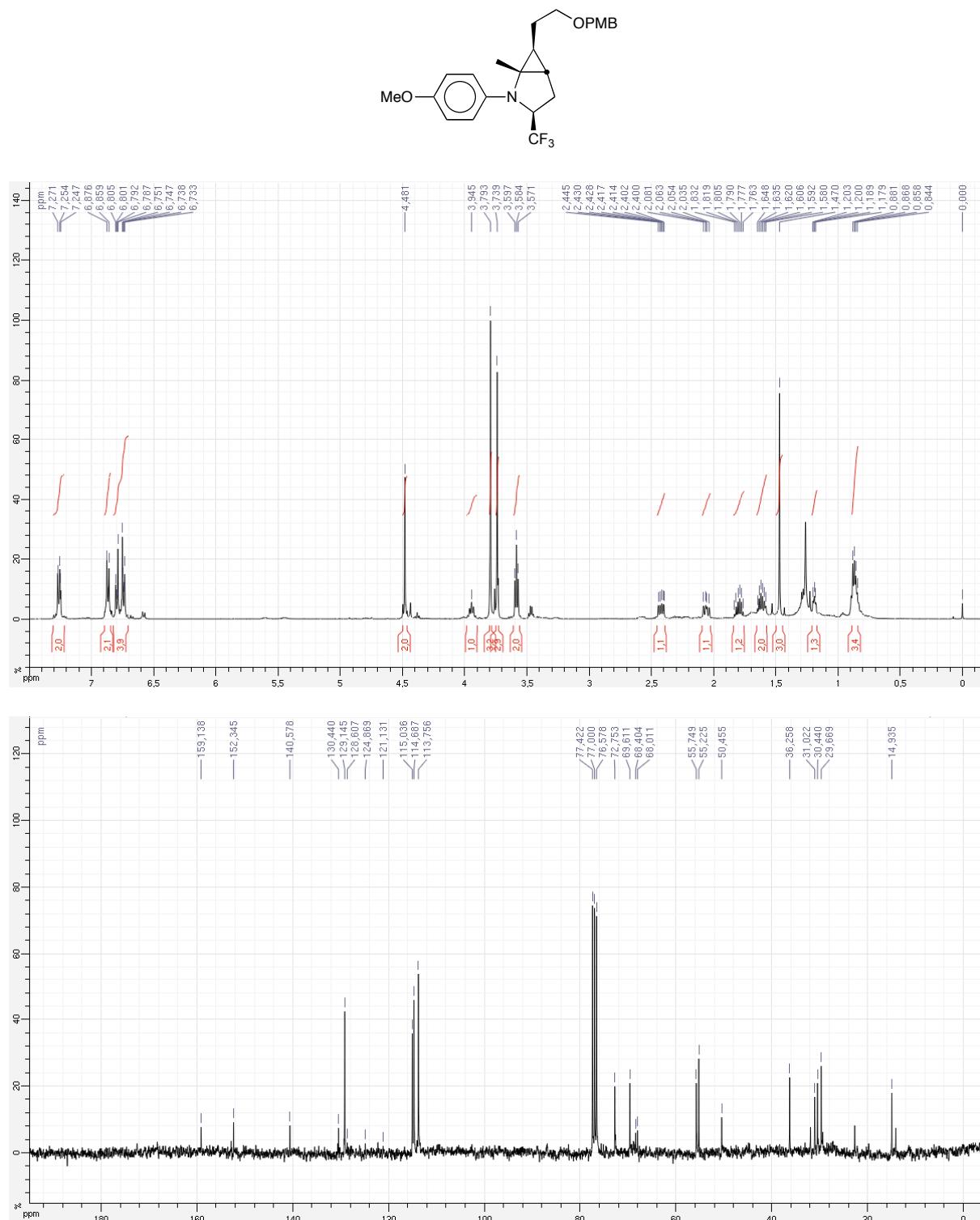
(1*R*^{*},3*R*^{*},5*R*^{*},6*R*^{*})-6-(2-Methoxyethyl)-2-(4-methoxyphenyl)-1-methyl-3-(trifluoromethyl)-2-azabicyclo[3.1.0]hexane [*exo-cis*-**2c**]



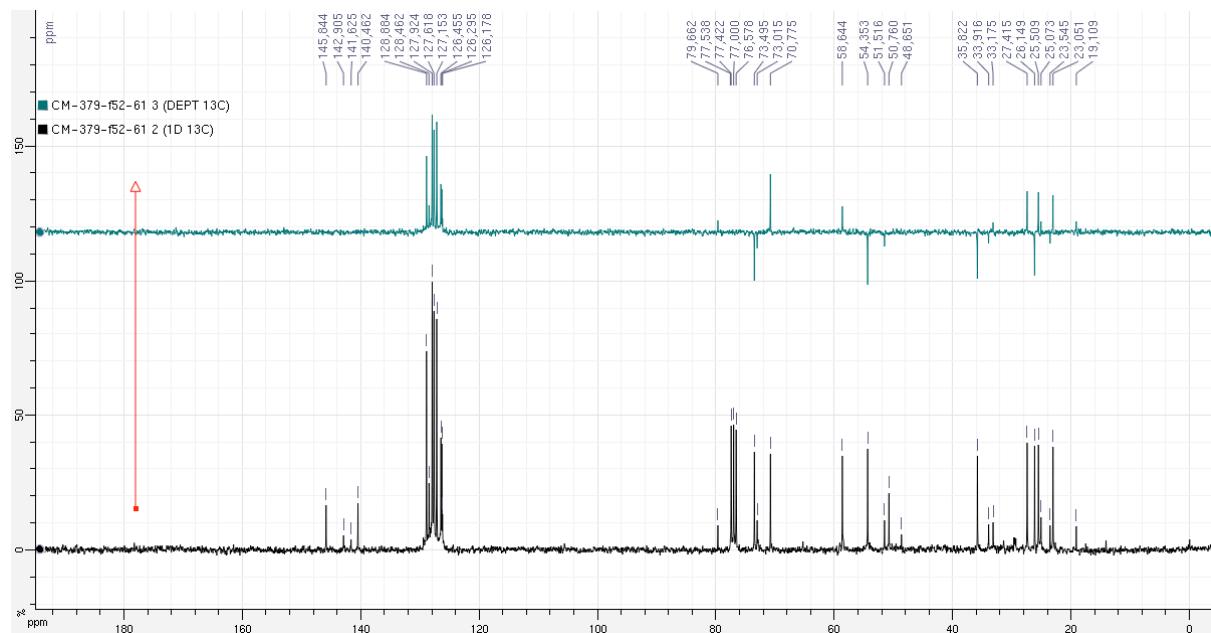
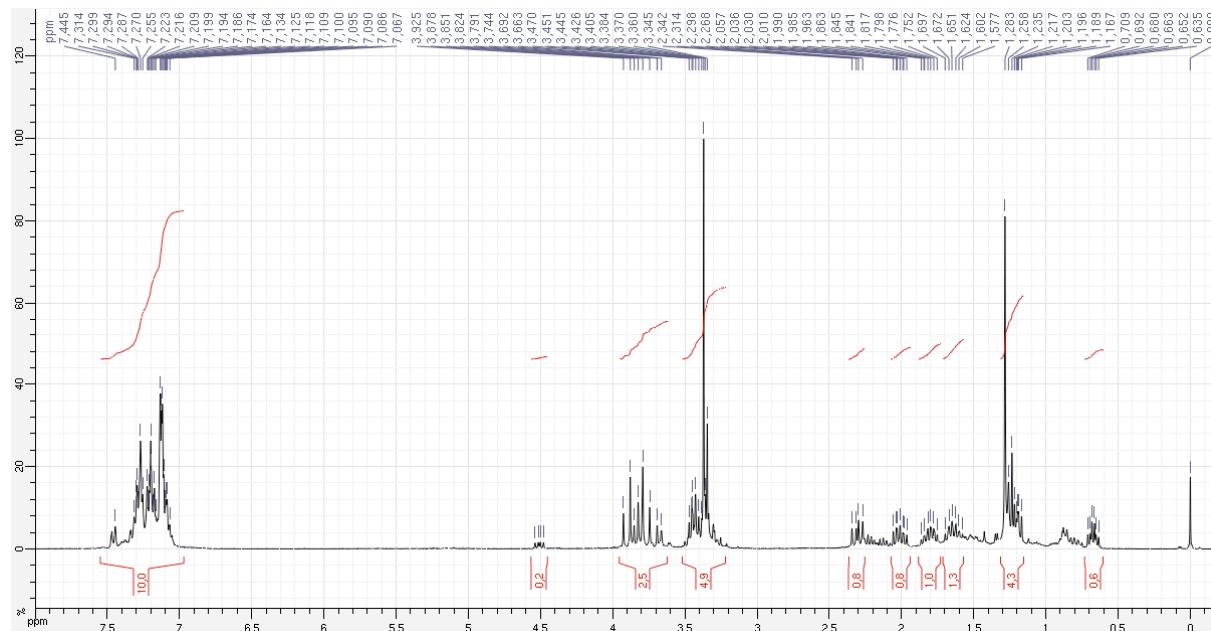
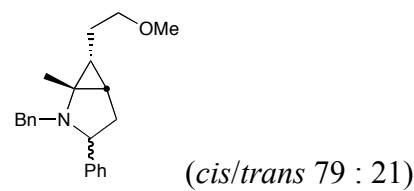
(1*R*^{*},3*R*^{*},5*R*^{*},6*S*^{*})-6-(2-(4-Methoxybenzyloxy)ethyl)-2-(4-methoxyphenyl)-1-methyl-3-(trifluoromethyl)-2-azabicyclo[3.1.0]hexane [*endo-cis*-2d**]**



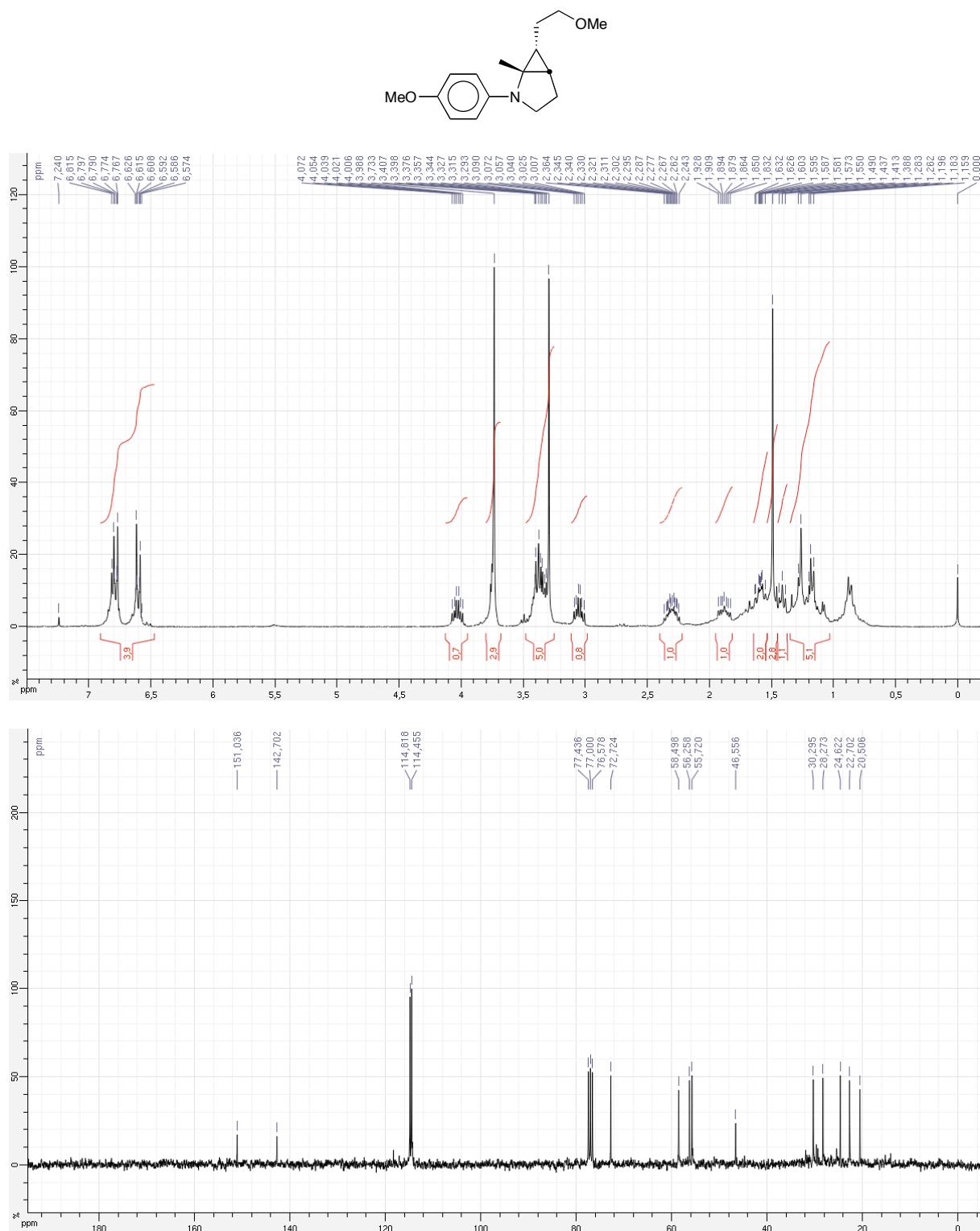
(1*R*^{*},3*R*^{*},5*R*^{*},6*R*^{*})-6-(2-(4-Methoxybenzyloxy)ethyl)-2-(4-methoxyphenyl)-1-methyl-3-(trifluoromethyl)-2-azabicyclo[3.1.0]hexane [*exo-cis*-**2d**]



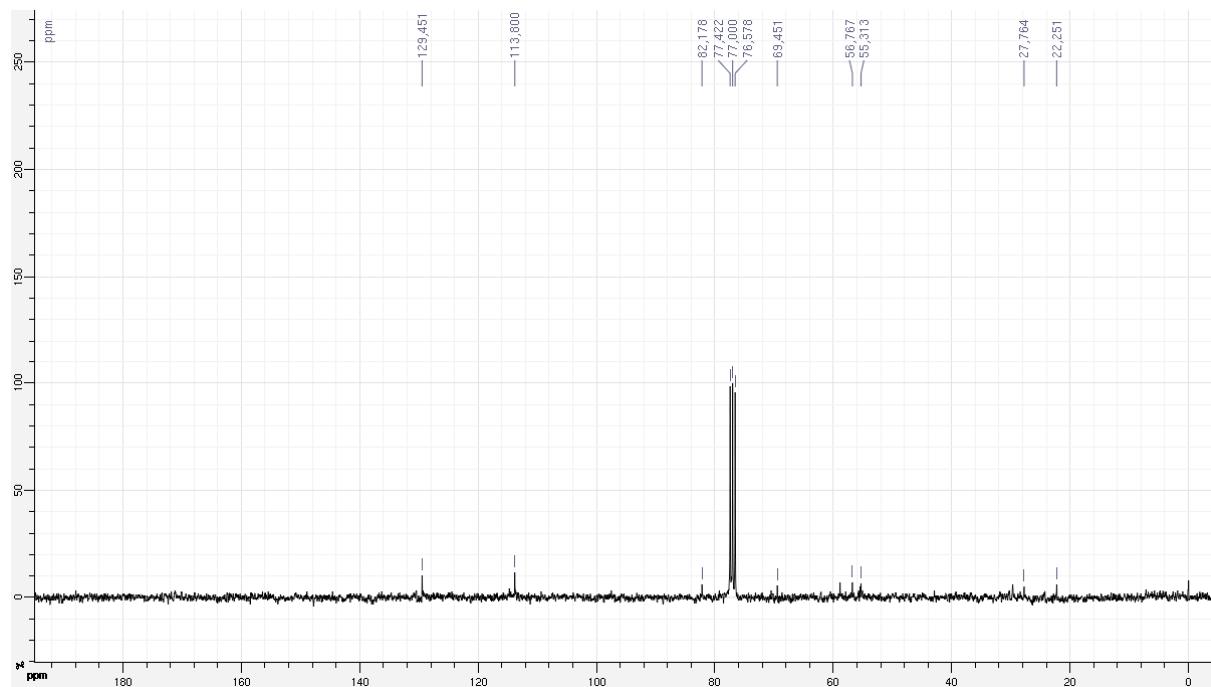
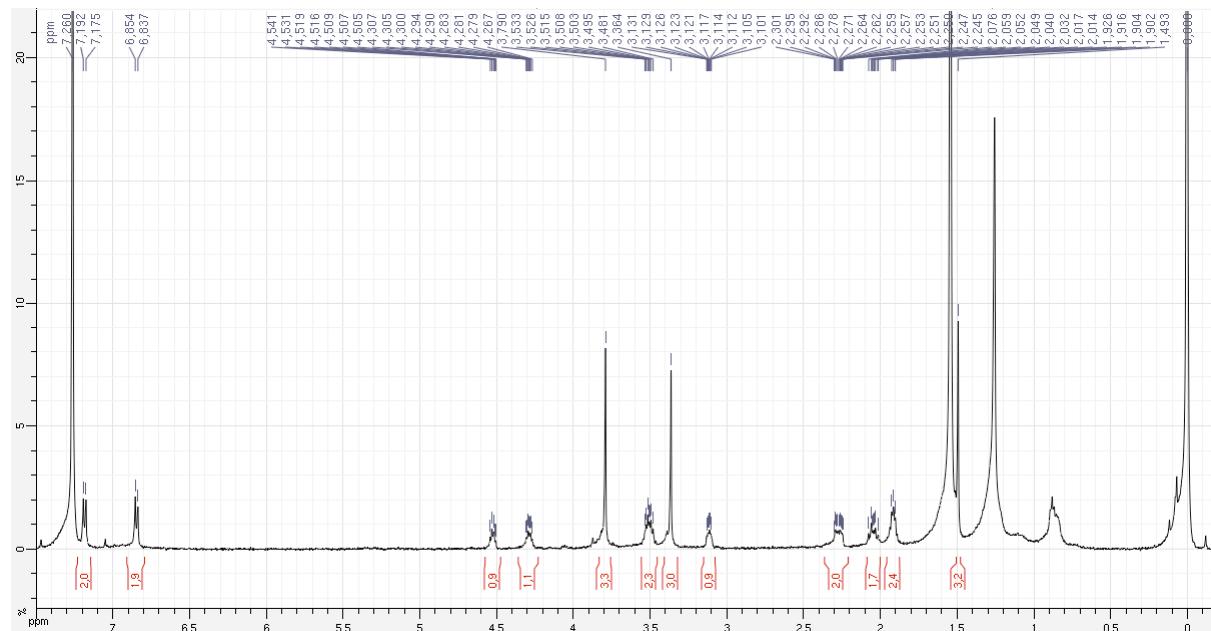
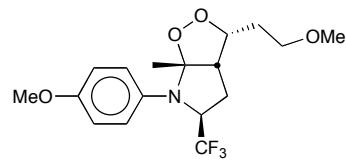
**(1*R*^{*},5*R*^{*},6*S*^{*})-2-Benzyl-6-(2-methoxyethyl)-1-methyl-3-phenyl-2-azabicyclo[3.1.0]hexane
 [endo-2f]**



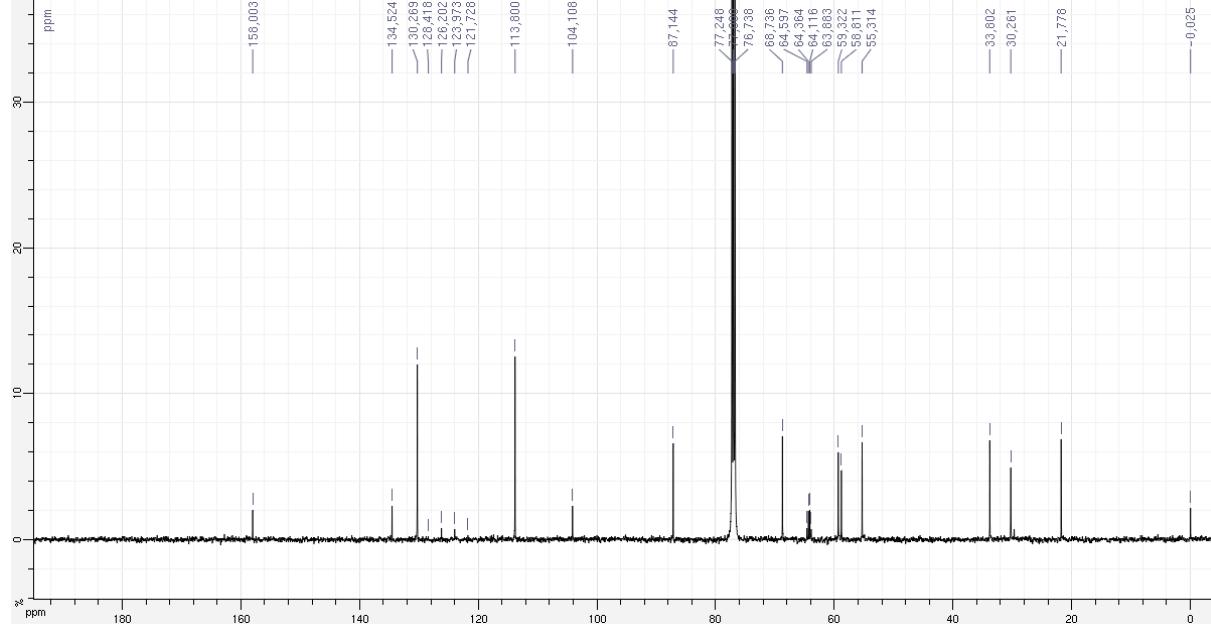
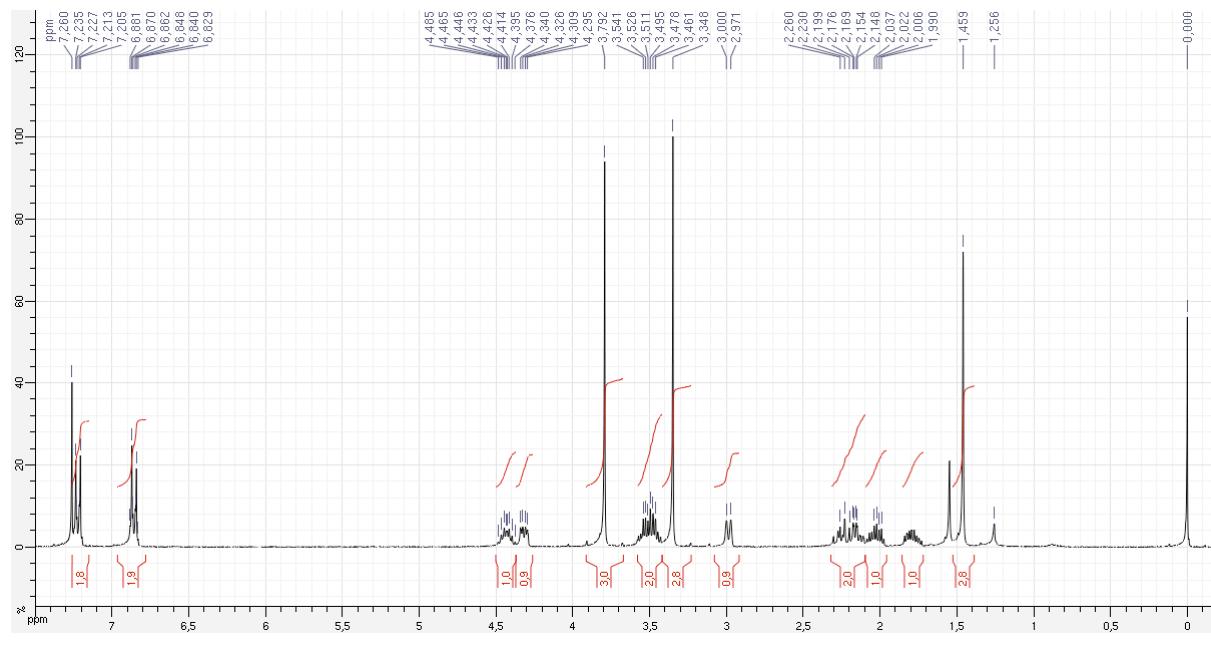
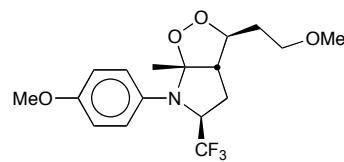
(1*R*^{*},5*R*^{*},6*S*^{*})-6-(2-Methoxyethyl)-2-(4-methoxyphenyl)-1-methyl-2-azabicyclo[3.1.0]hexane [*endo*-**2h**]



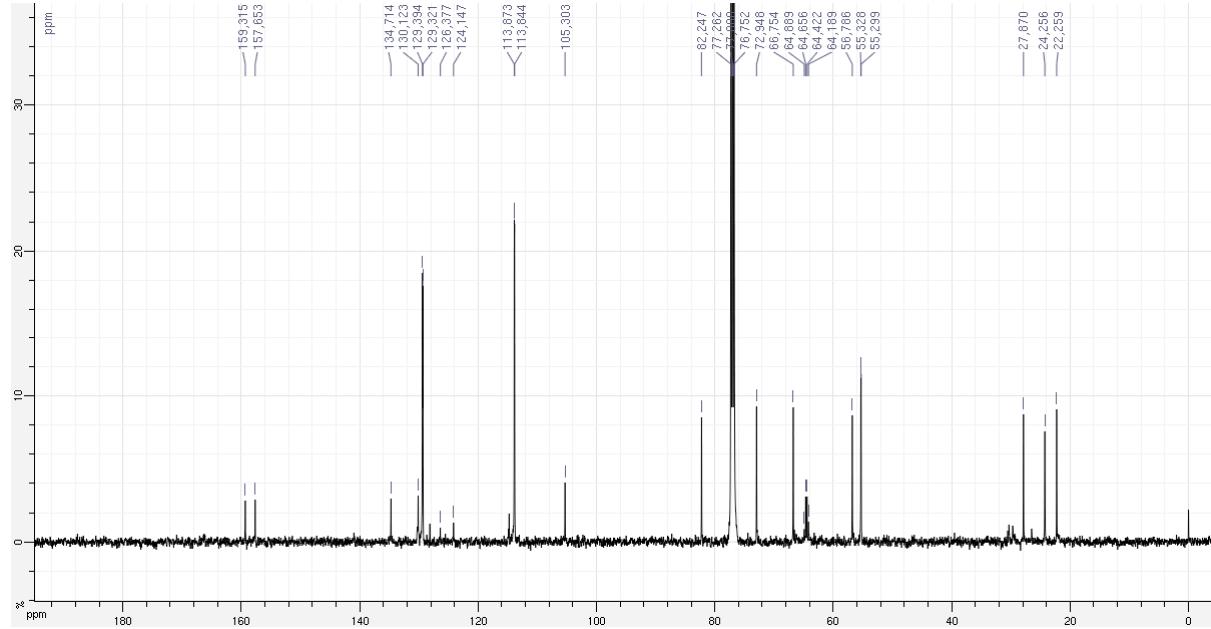
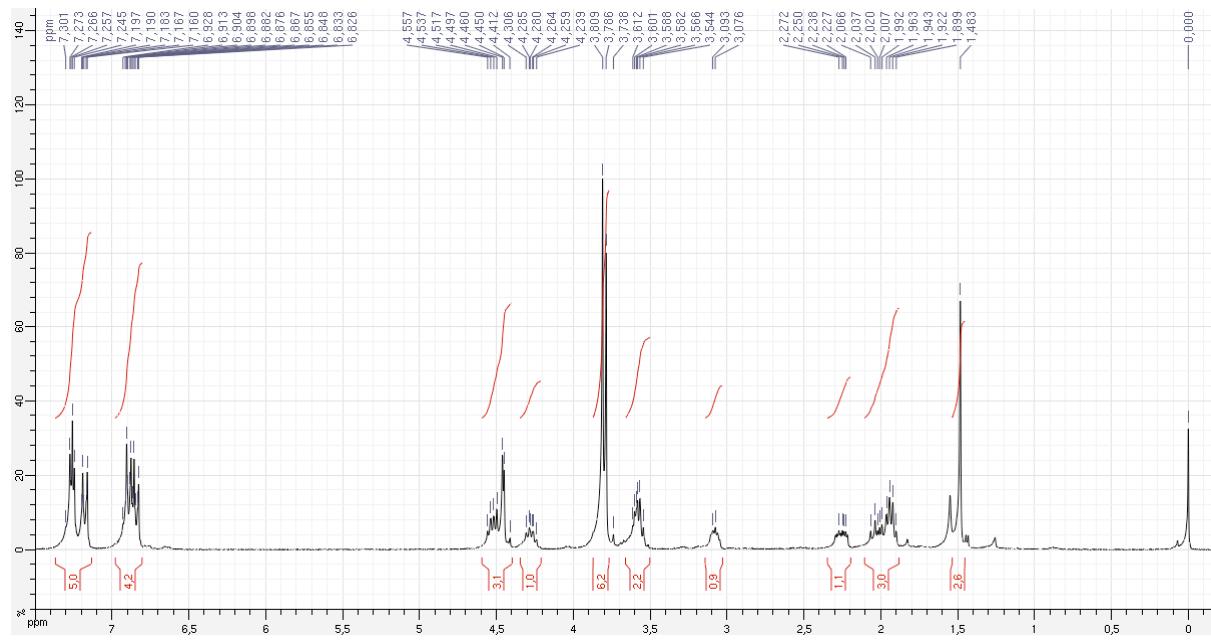
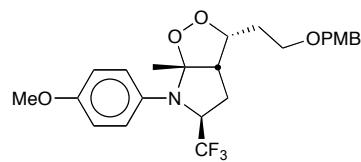
(3*R*^{*},3*aS*^{*},5*S*^{*},6*aR*^{*})-3-(2-Methoxyethyl)-6-(4-methoxyphenyl)-6*a*-methyl-5-(trifluoromethyl)hexahydro-[1,2]dioxolo[3,4-*b*]pyrrole [*endo-cis*-1c]



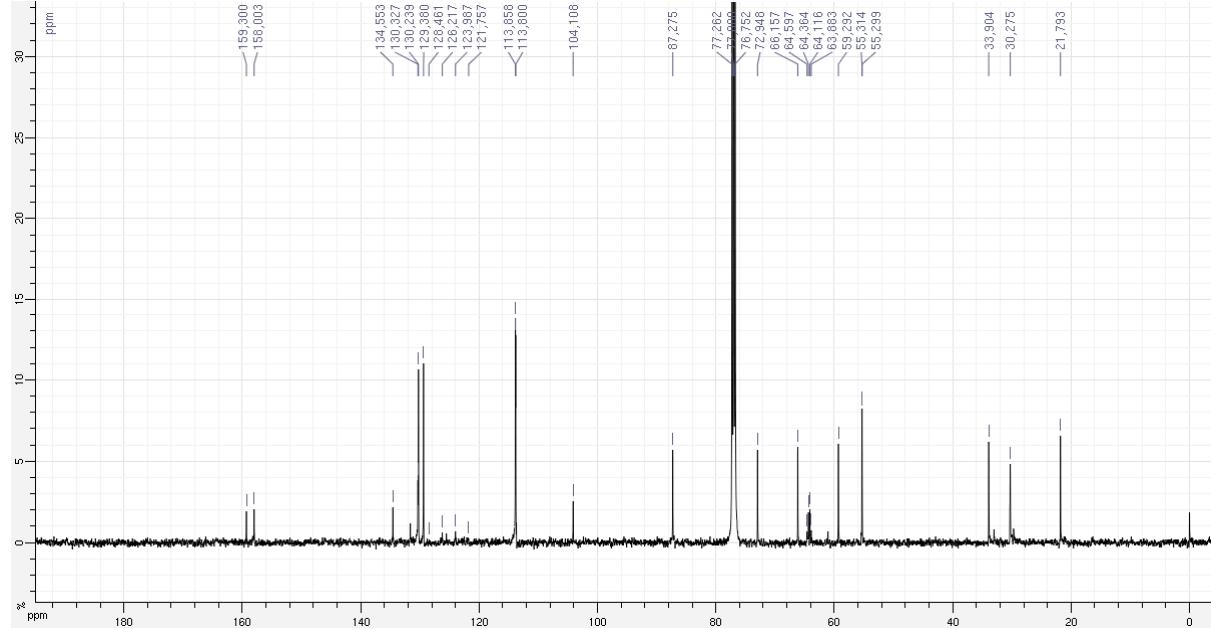
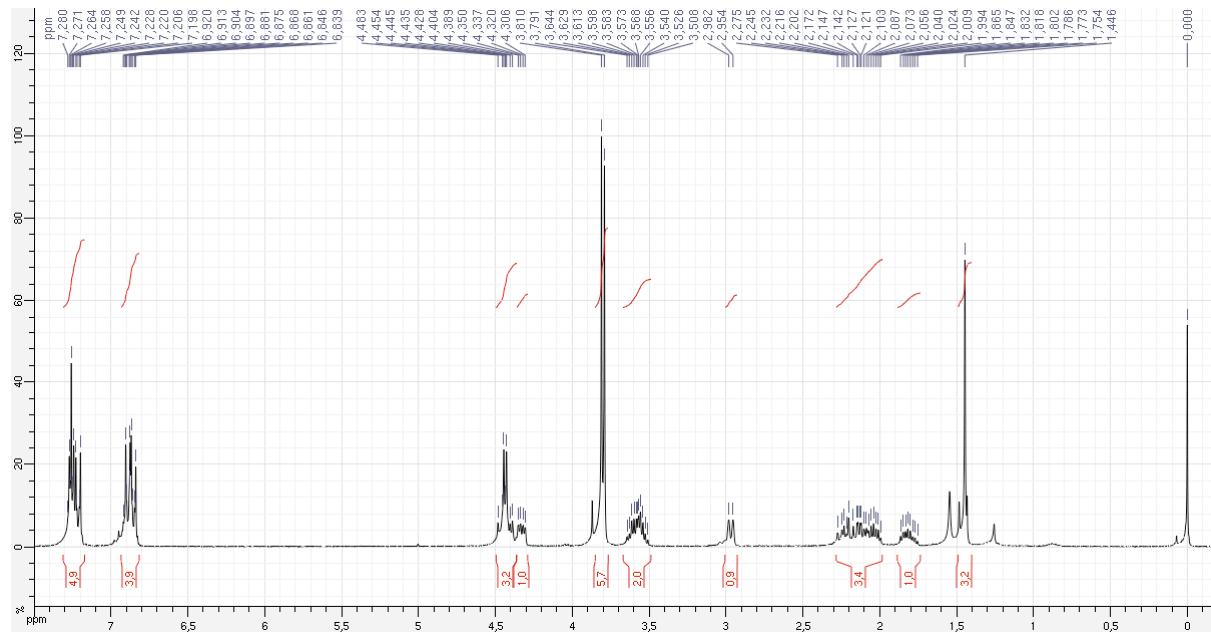
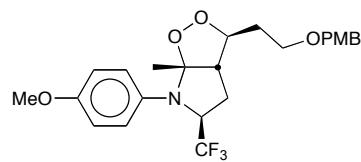
(3*R*^{*},3*aR*^{*},5*R*^{*},6*aS*^{*})-3-(2-Methoxyethyl)-6-(4-methoxyphenyl)-6*a*-methyl-5-(trifluoromethyl)hexahydro-[1,2]dioxolo[3,4-*b*]pyrrole [*exo-cis*-1c**]**



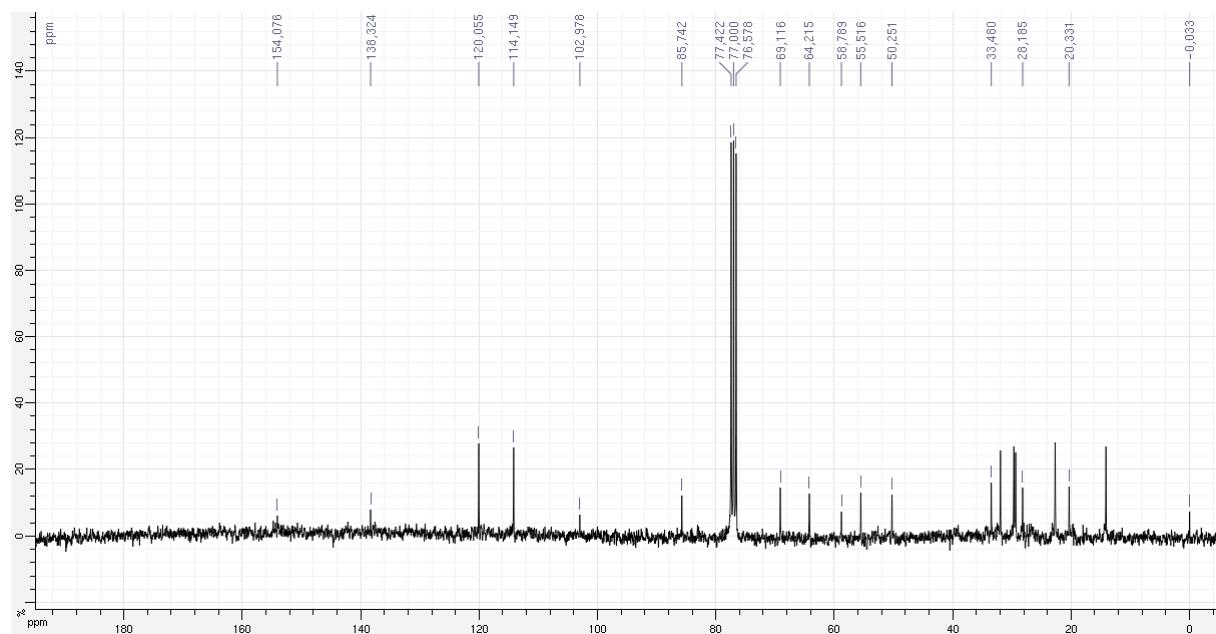
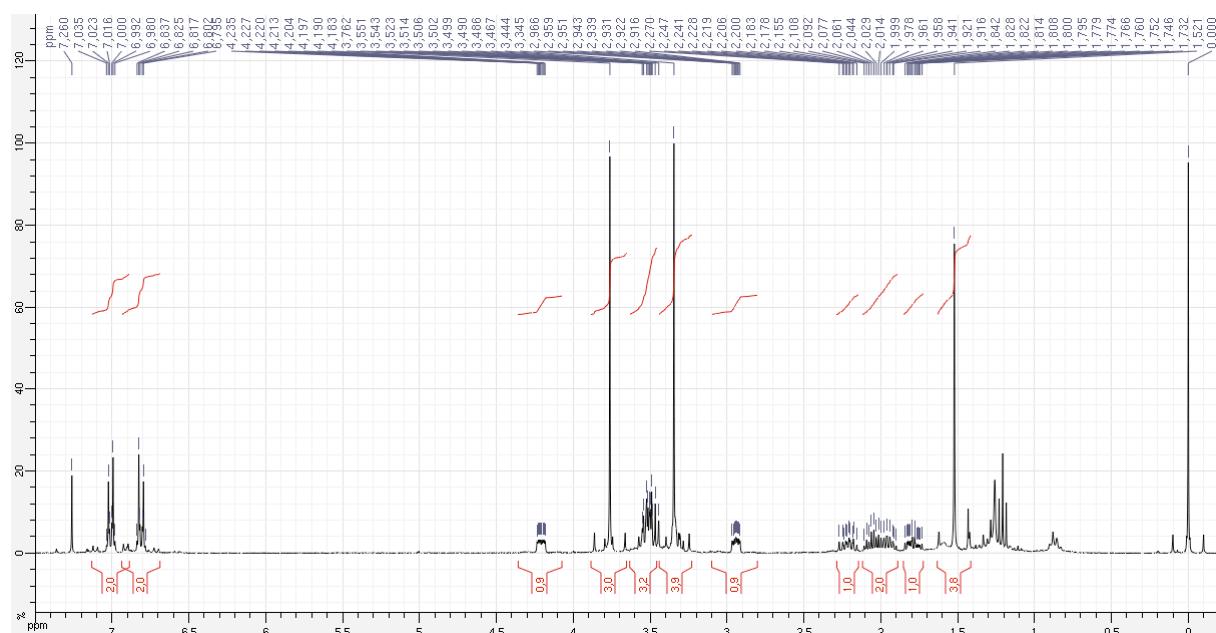
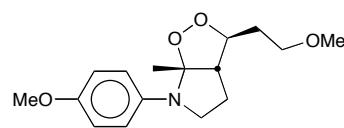
(3*R*^{*},3*aS*^{*},5*S*^{*},6*a**R*^{*})-3-(2-(4-Methoxybenzyloxy)ethyl)-6-(4-methoxyphenyl)-6*a*-methyl-5-(trifluoromethyl)hexahydro-[1,2]dioxolo[3,4-*b*]pyrrole [*endo-cis*-1*d*]**



(3*R*^{*,3a*R*^{*,5*R*^{*,6a*S*^{*}}}}-3-(2-(4-Methoxybenzyloxy)ethyl)-6-(4-methoxyphenyl)-6a-methyl-5-(trifluoromethyl)hexahydro-[1,2]dioxolo[3,4-*b*]pyrrole [*exo-cis*-**1d**]



(3*R*^{*},3*aR*^{*},6*aS*^{*})-3-(2-Methoxyethyl)-6-(4-methoxyphenyl)-6*a*-methylhexahydro-[1,2]dioxolo[3,4-*b*]pyrrole [*exo*-**1h**]



(3*R*^{*},3*aR*^{*},6*aS*^{*})-3-(2-Methoxyethyl)-6*a*-methyl-6-phenylhexahydro-[1,2]dioxolo[3,4-*b*]pyrrole [*endo*-1k**]**

