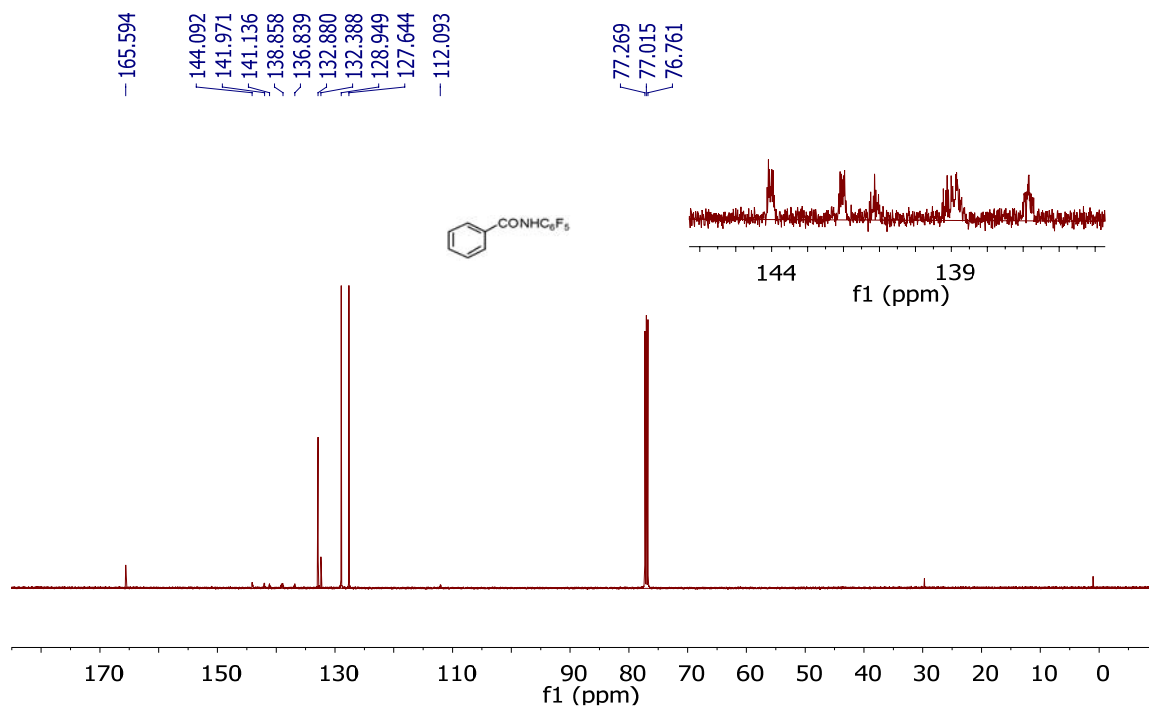
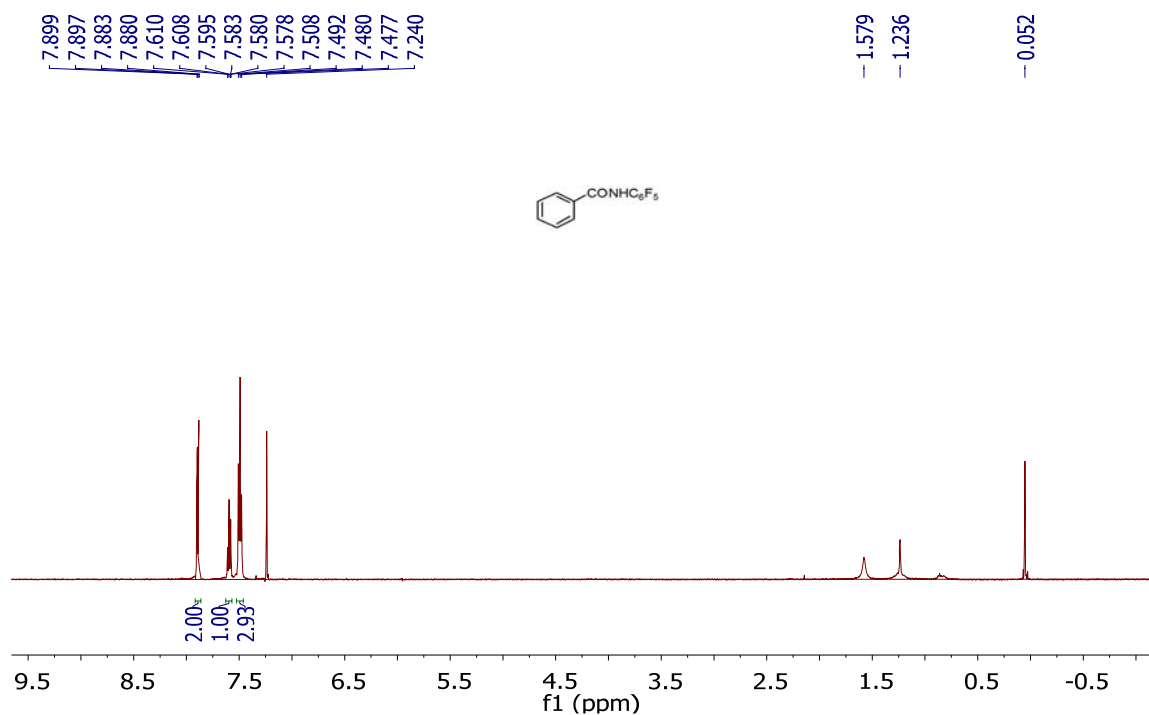
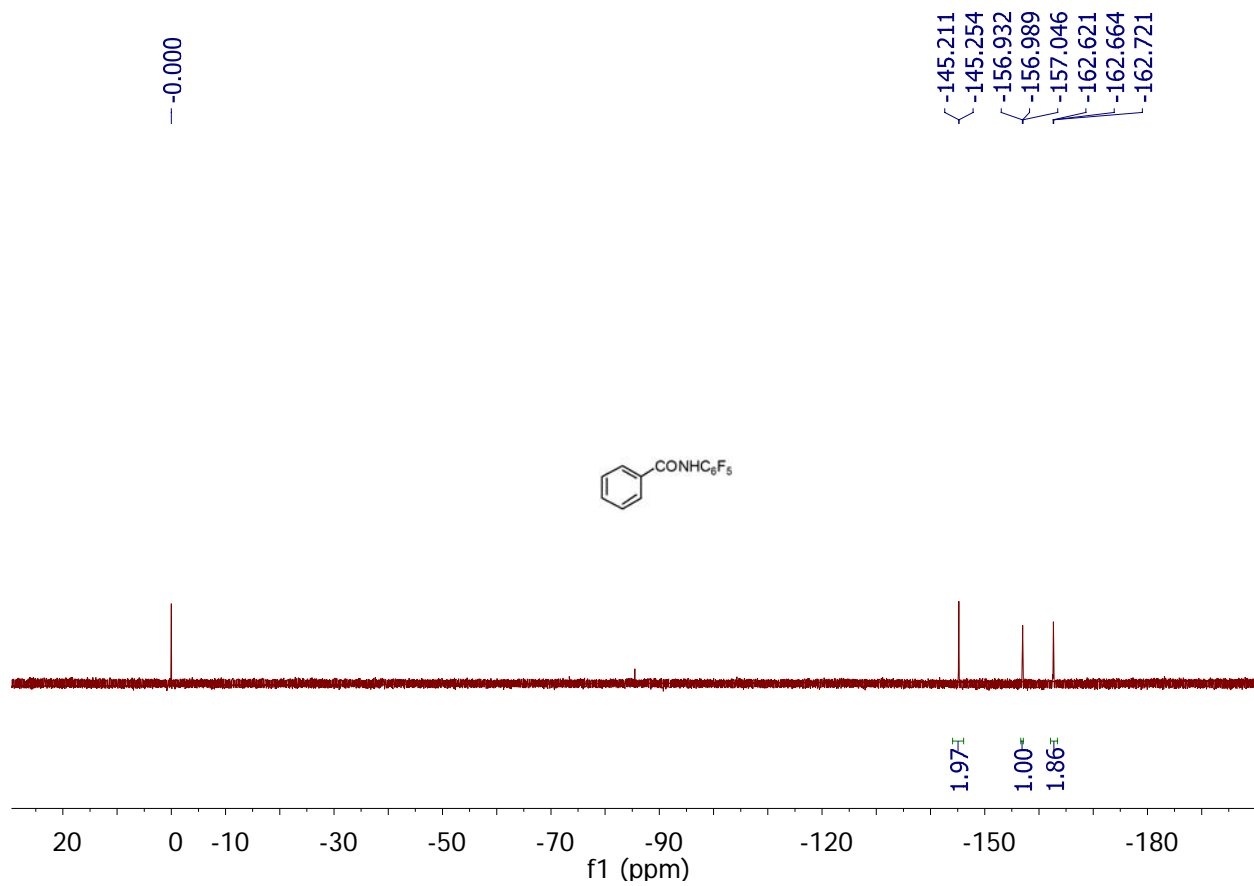
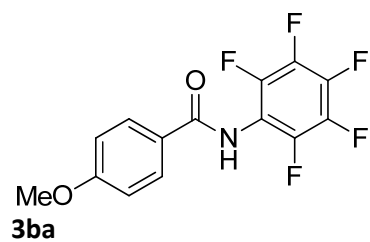


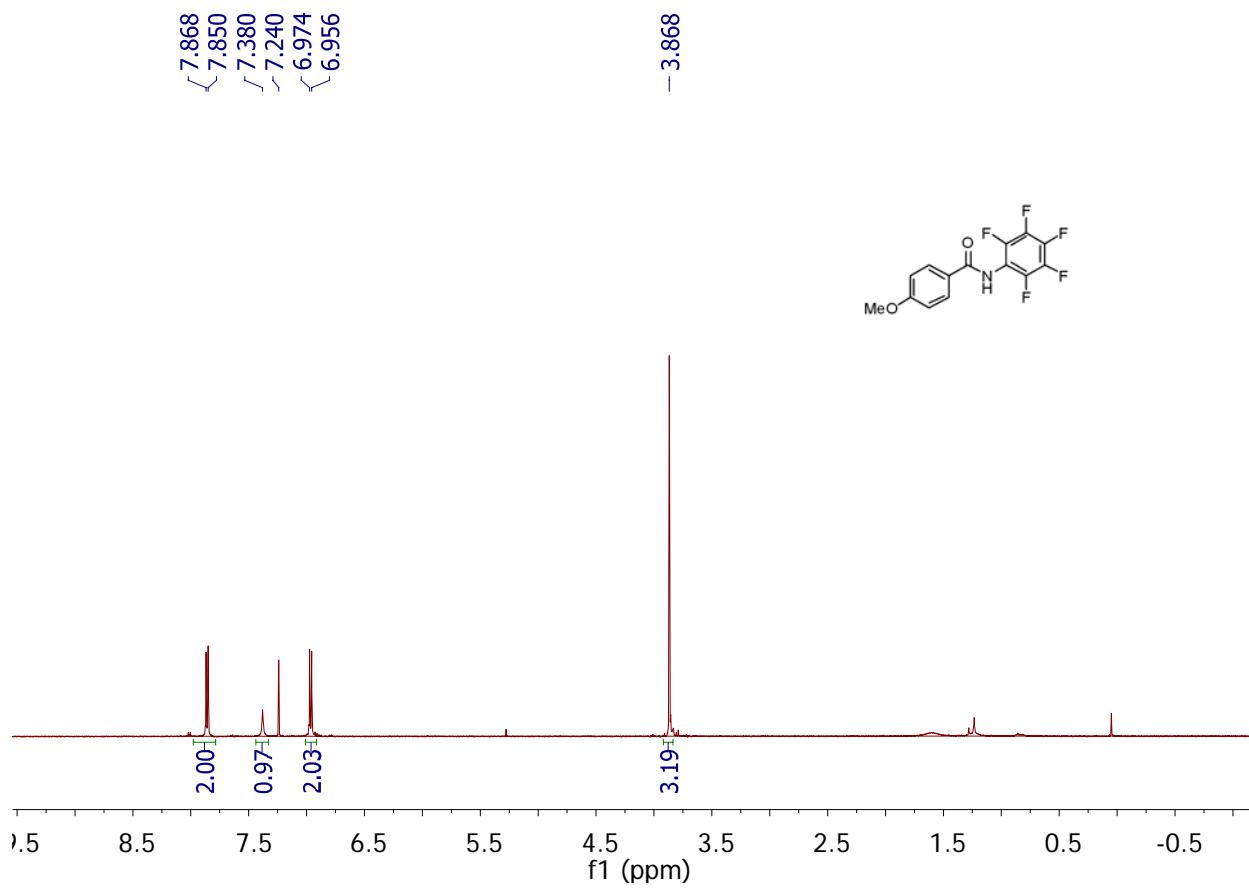
### NMR of compound 3aa



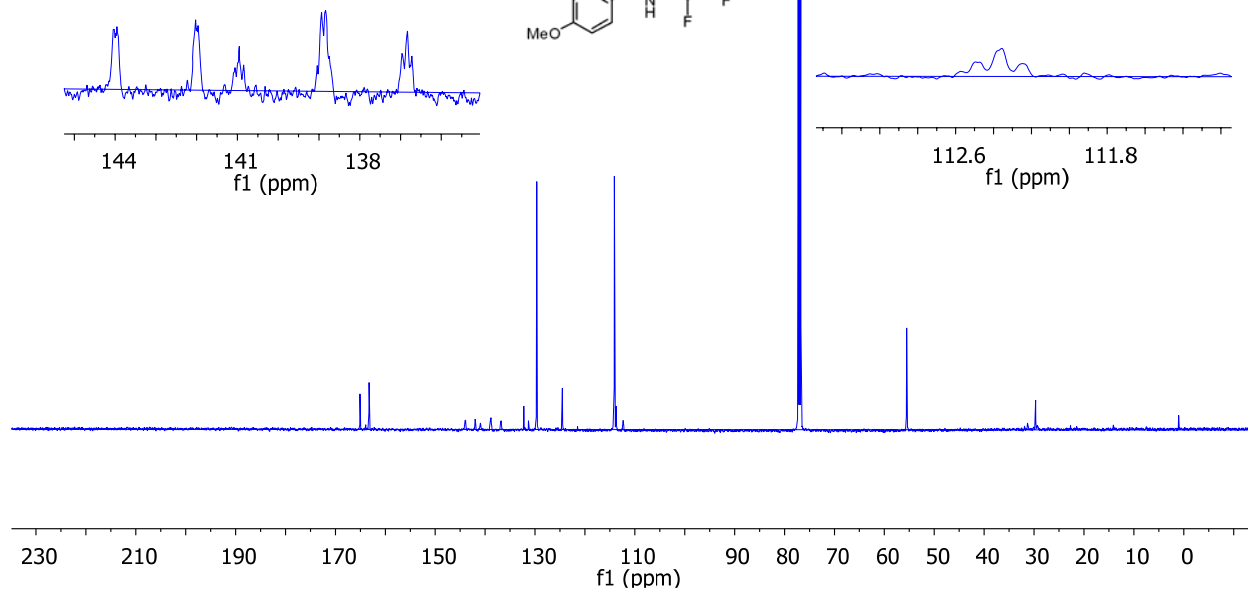
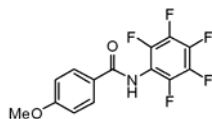


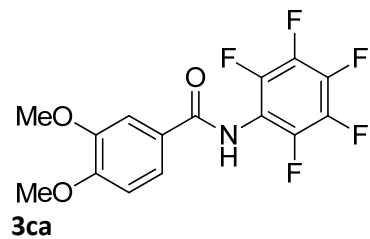
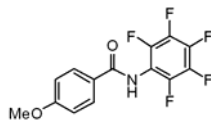
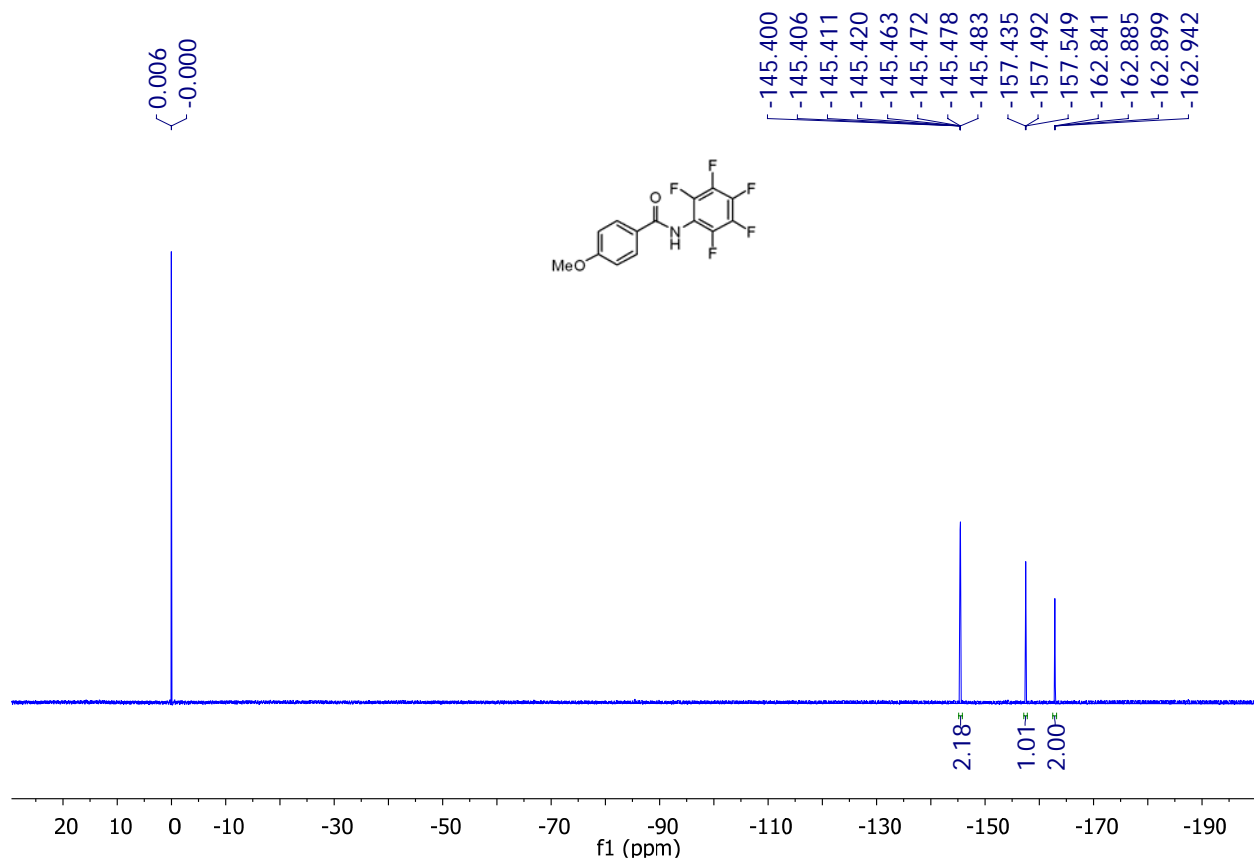


**NMR of compound 3ba**

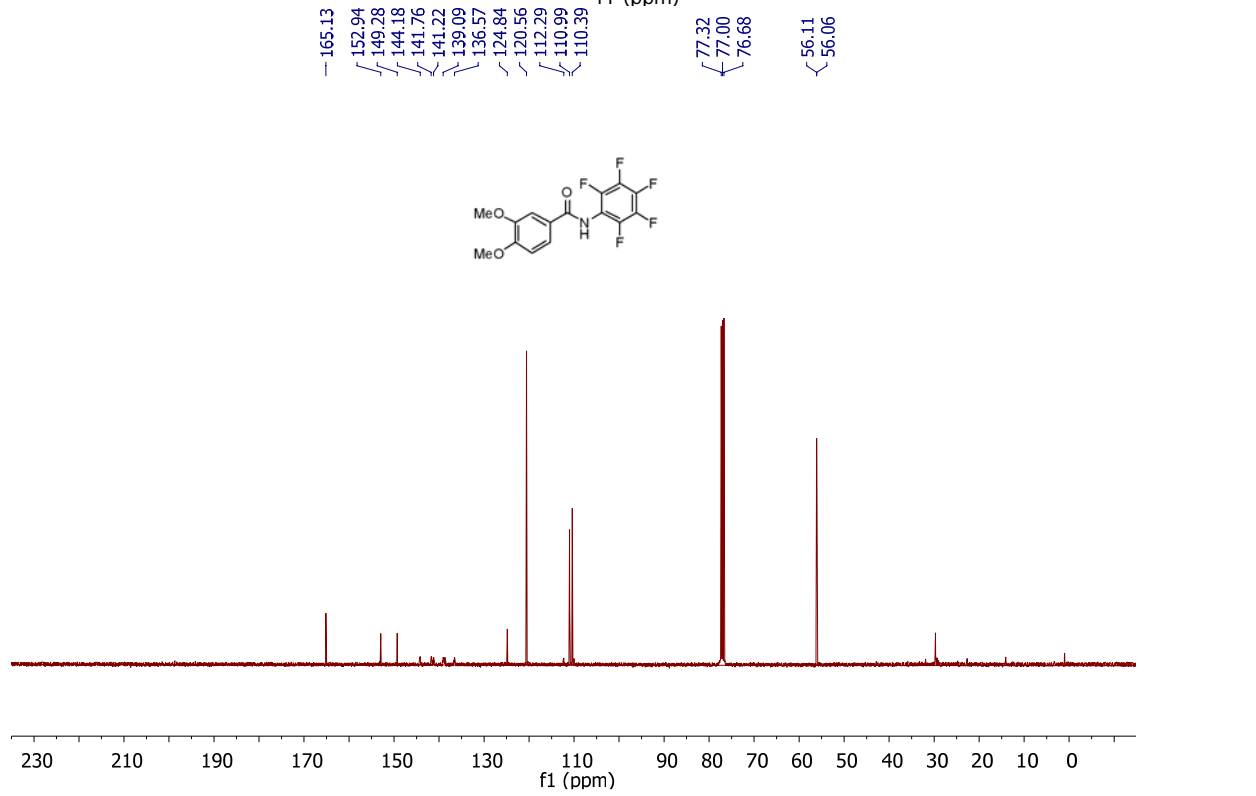
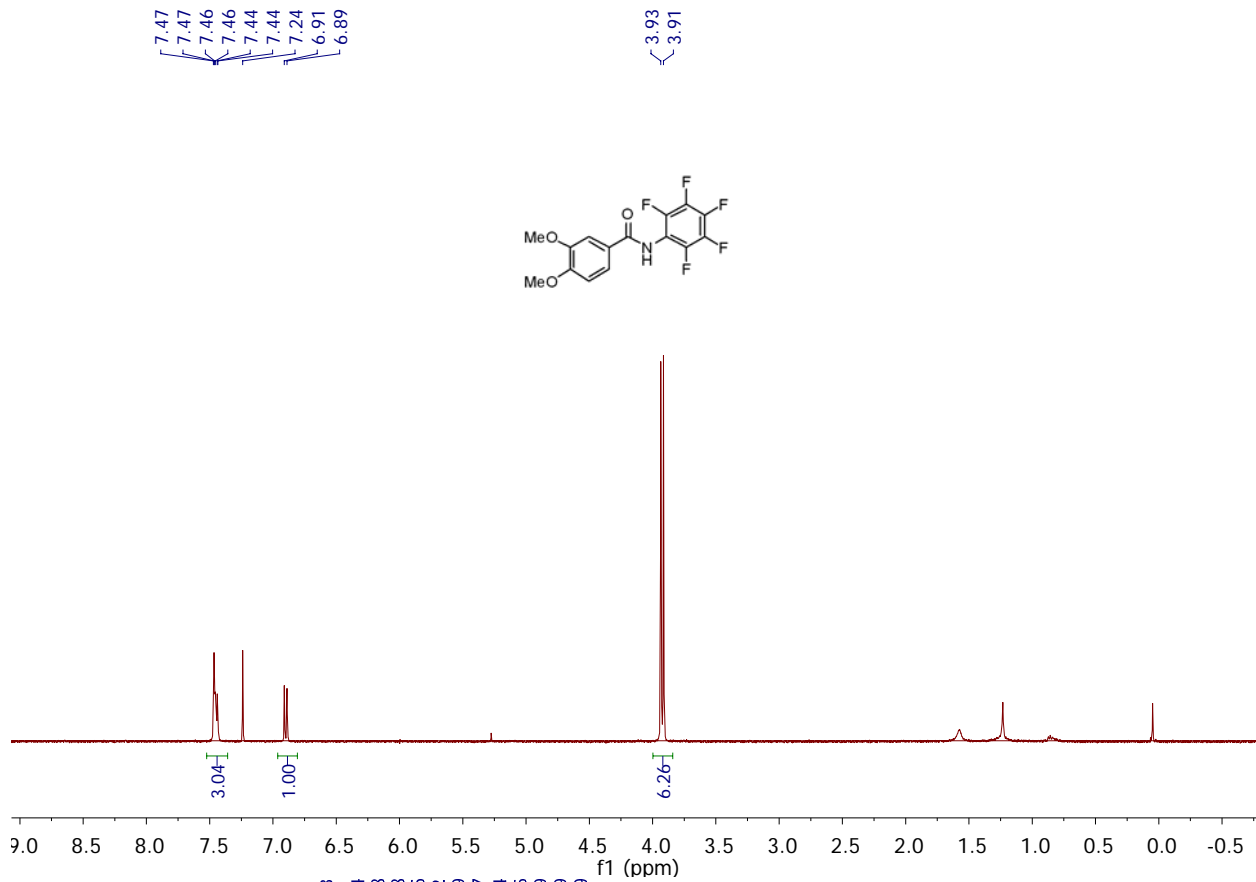


165.069  
163.263  
143.930  
142.002  
140.931  
138.913  
138.812  
136.803  
129.668  
124.512  
114.100  
112.332  
77.255  
77.000  
76.746  
55.528





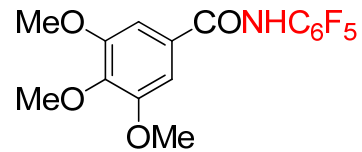
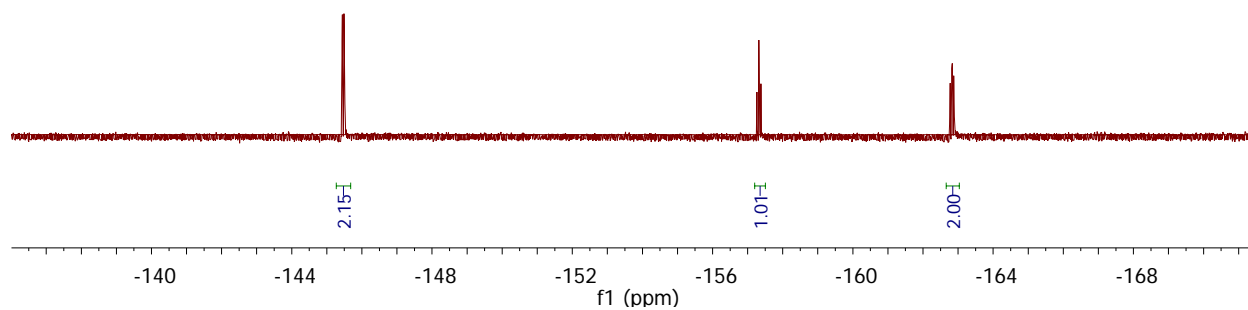
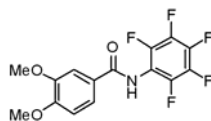
**NMR of compound 3ca**



-145.42  
-145.43  
-145.44  
-145.49  
-145.50  
-145.51

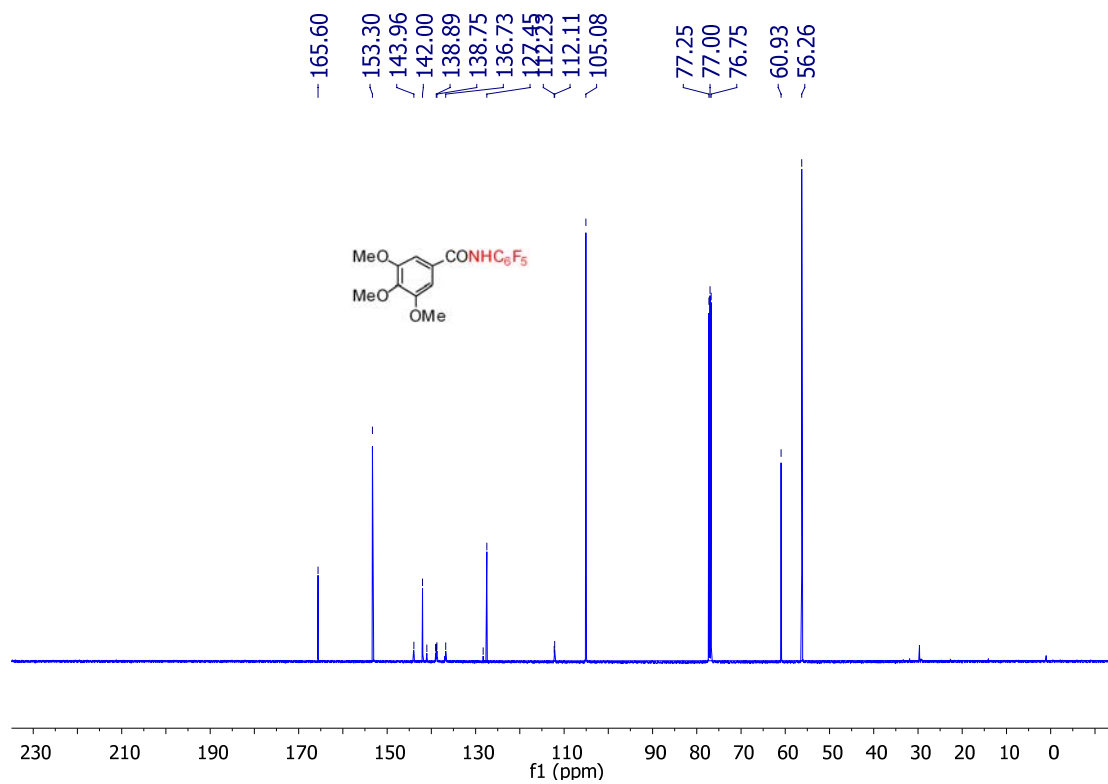
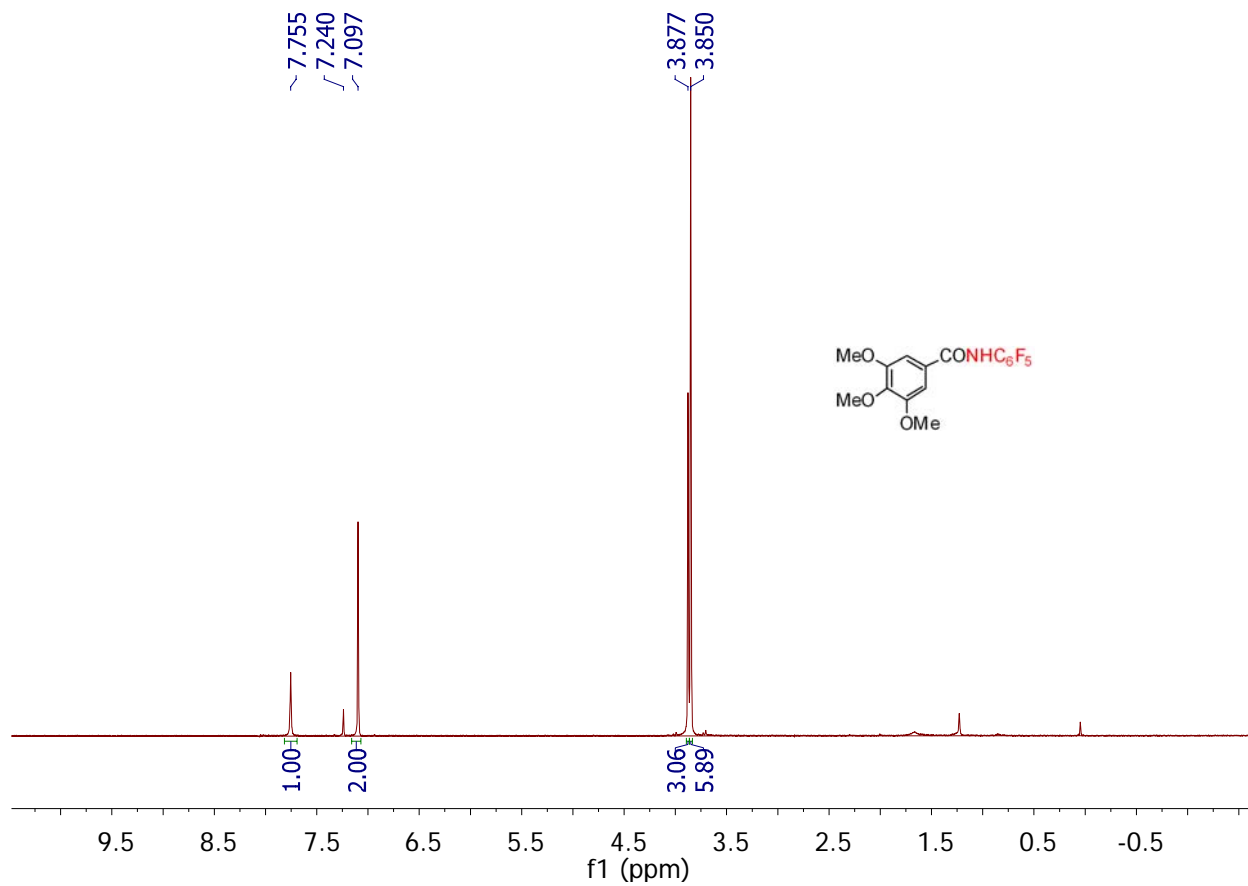
-157.26  
-157.32  
-157.38

-162.75  
-162.77  
-162.78  
-162.82  
-162.83  
-162.85  
-162.88  
-162.89  
-162.90

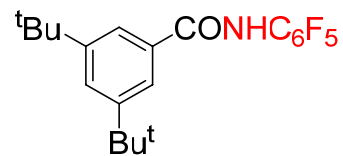
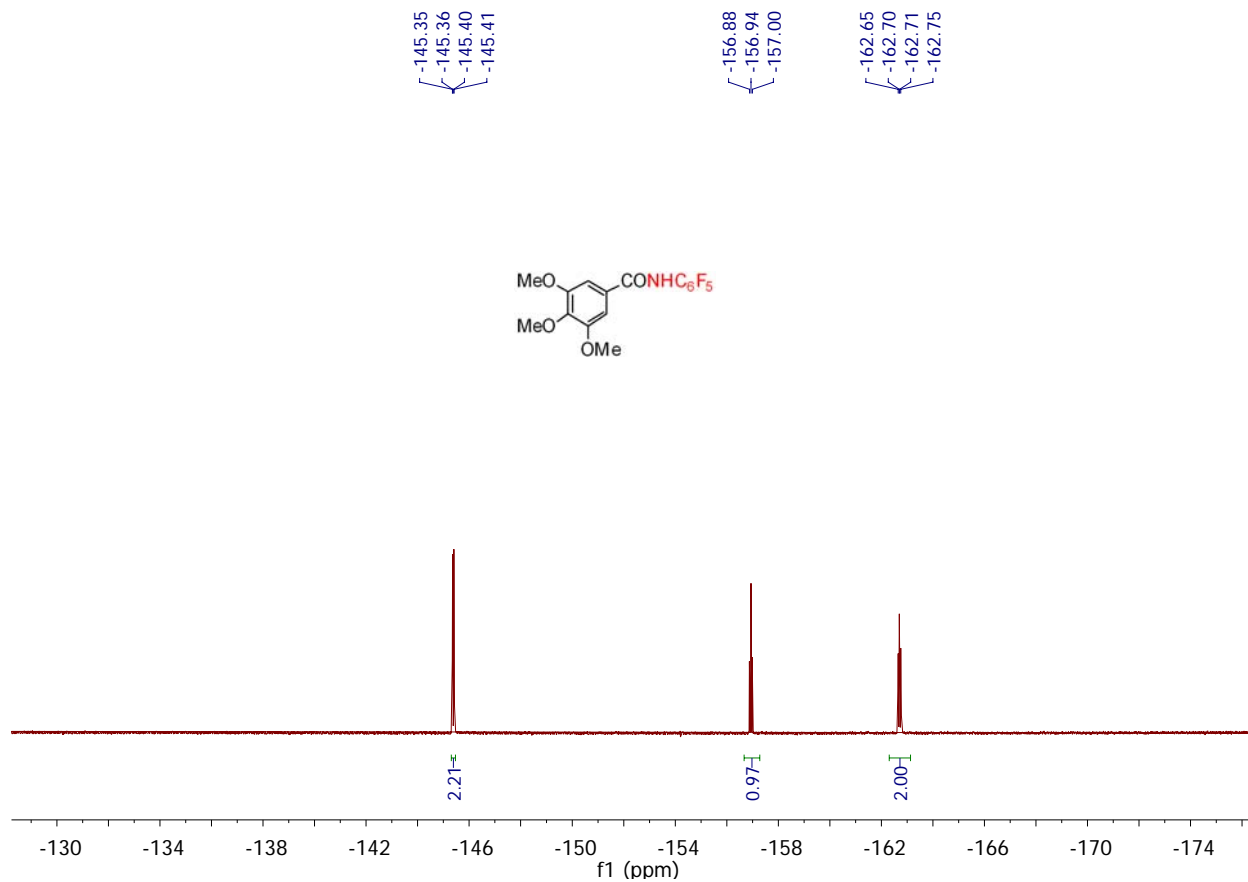


3da

NMR of compound 3da

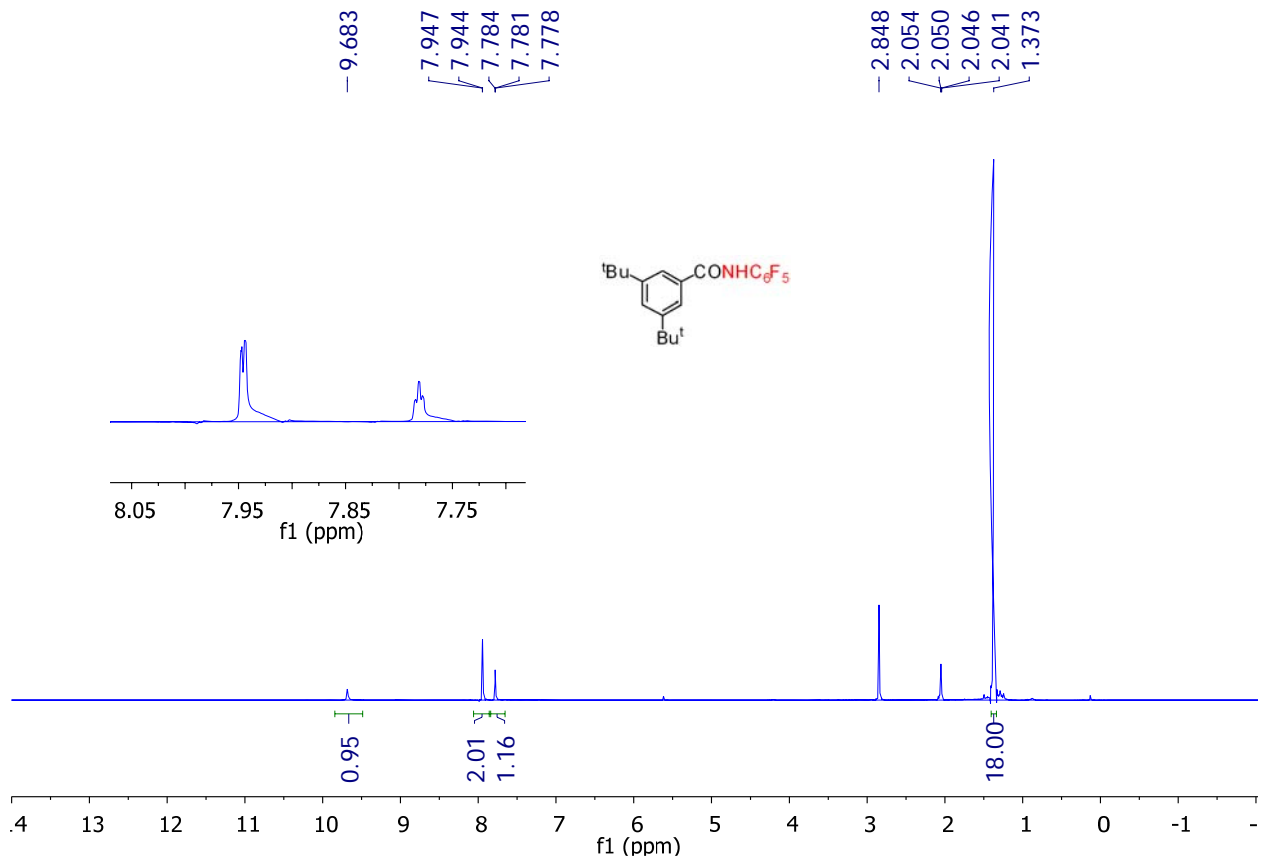


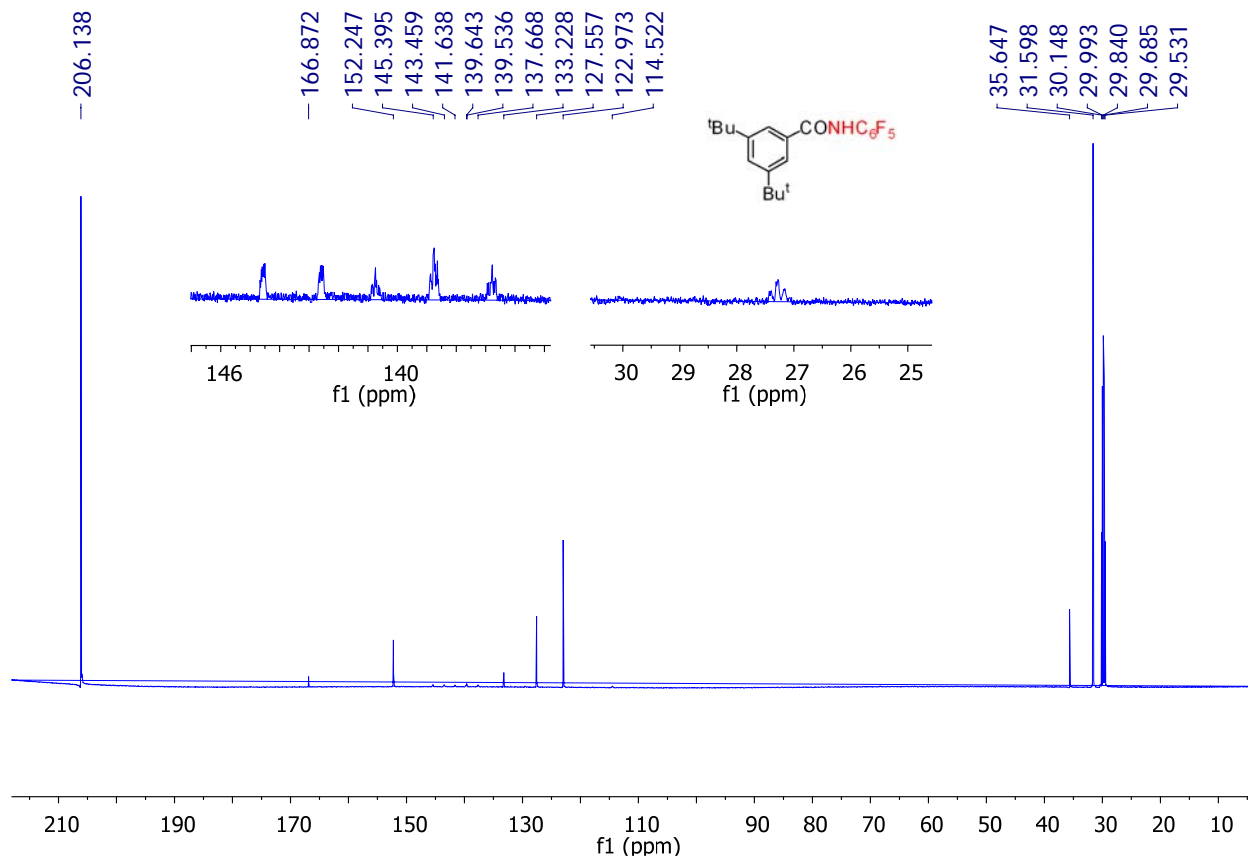


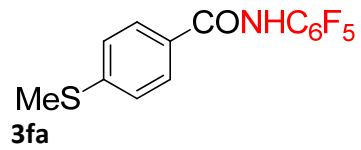
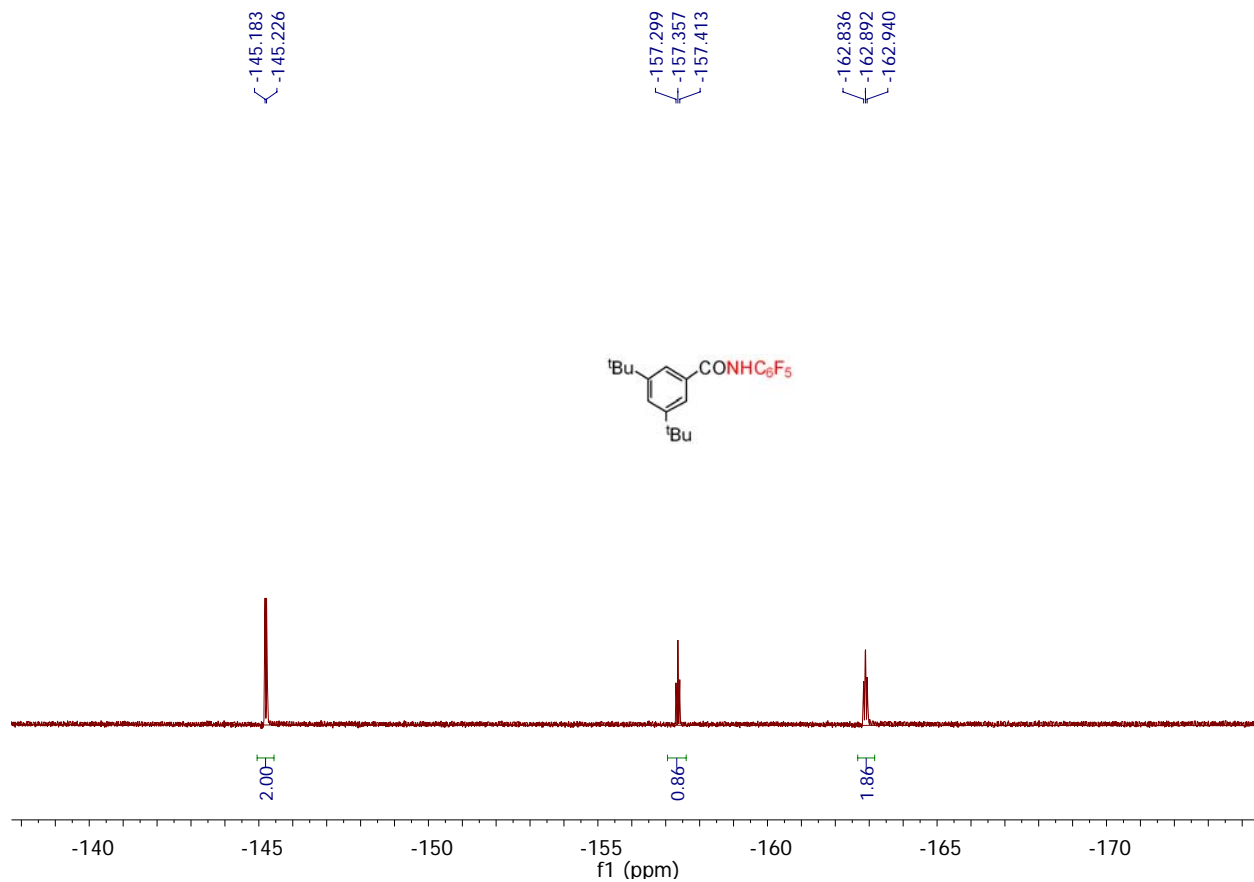


3ea

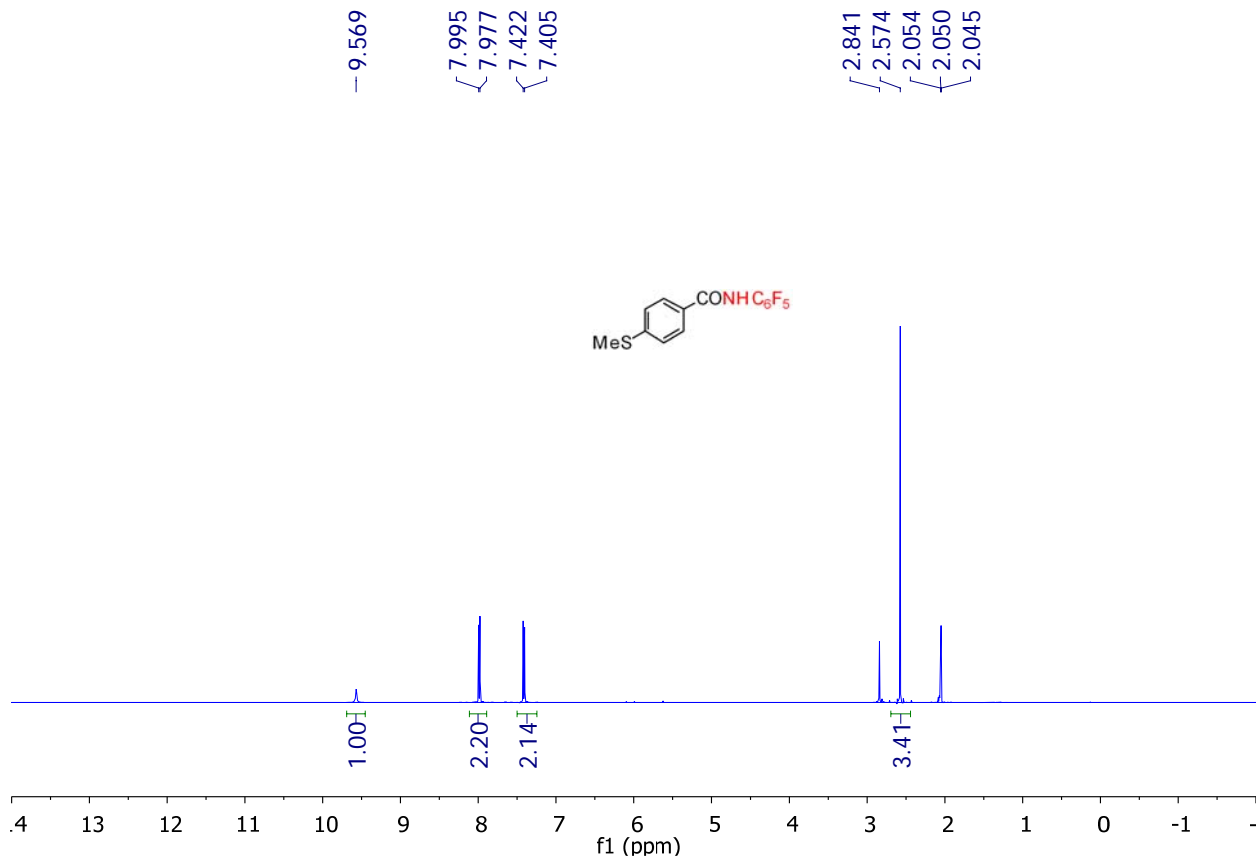
NMR of compound 3ea

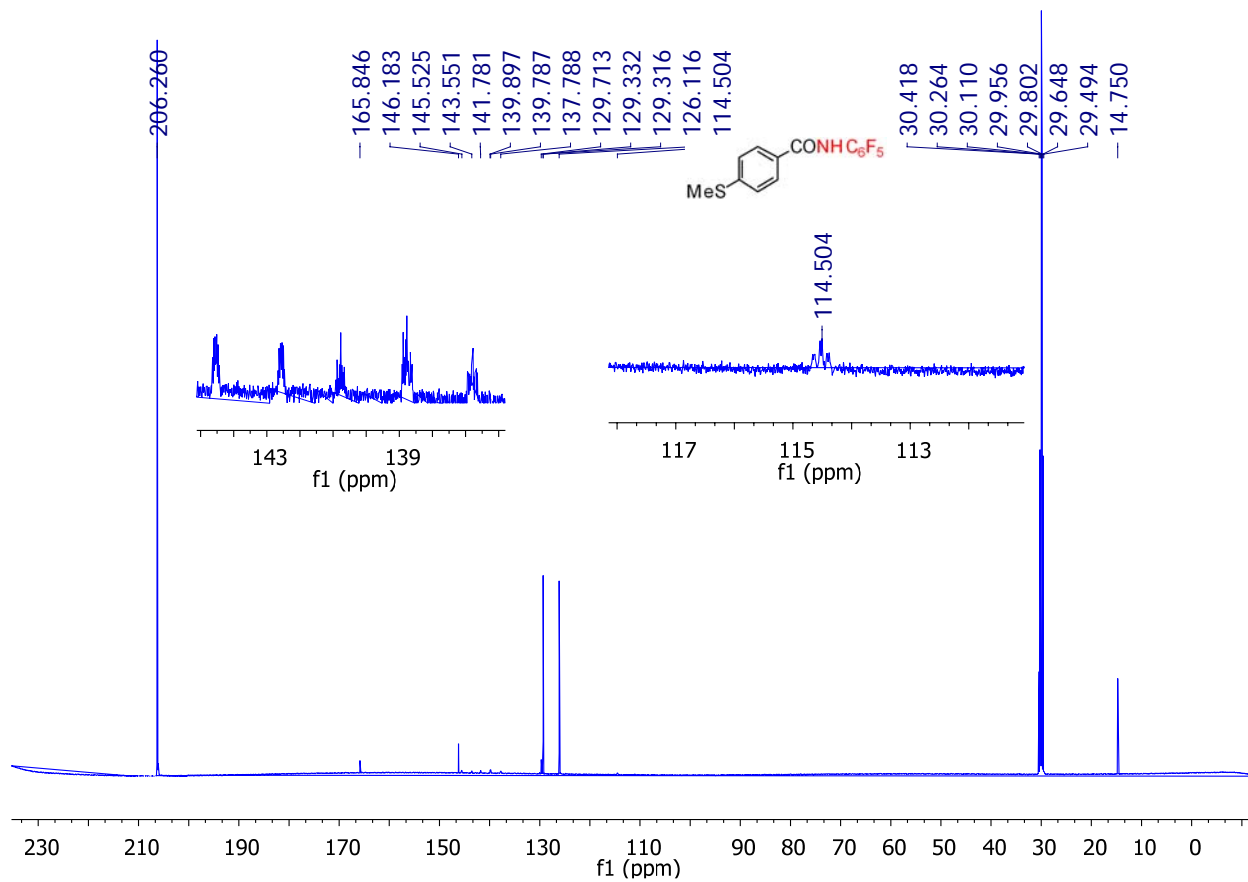


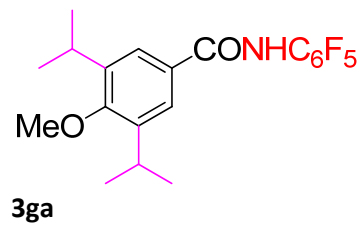
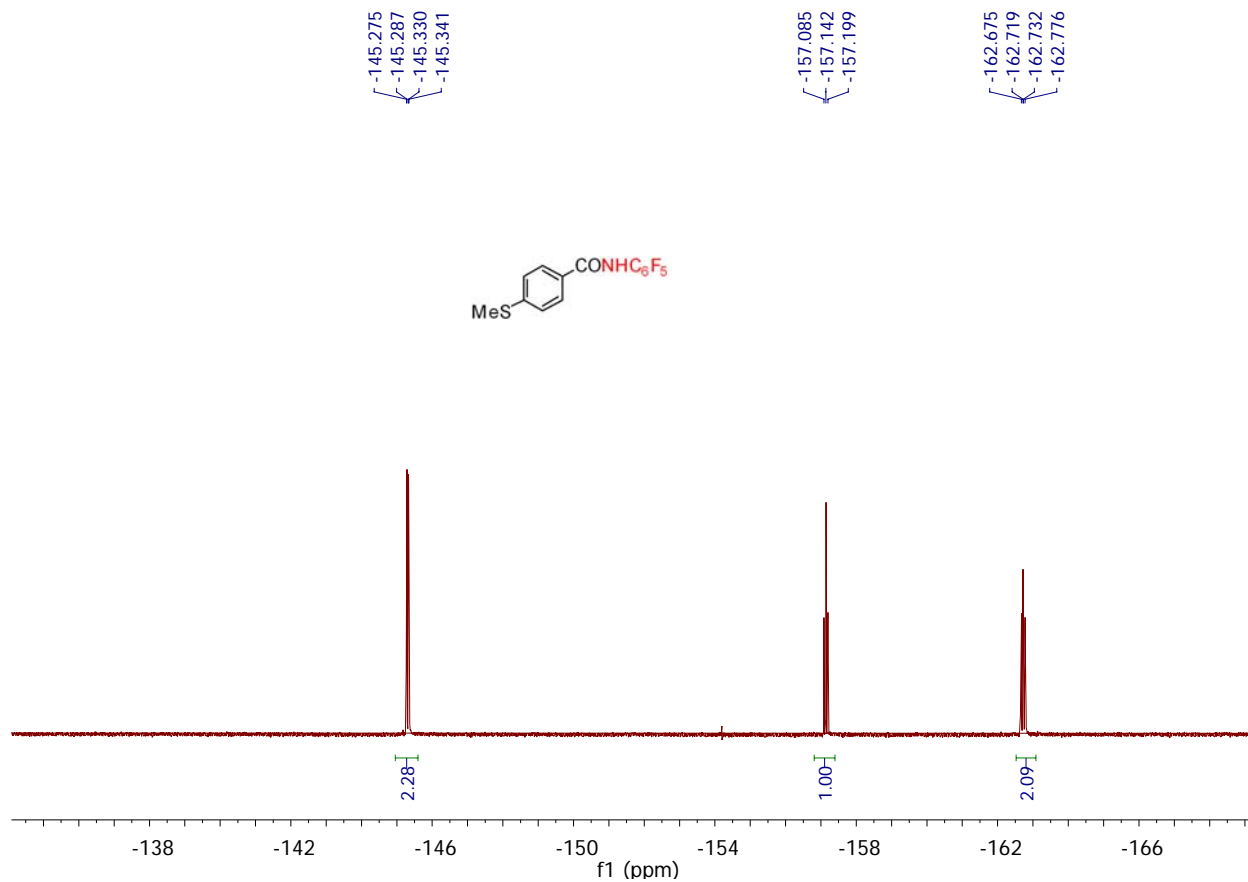




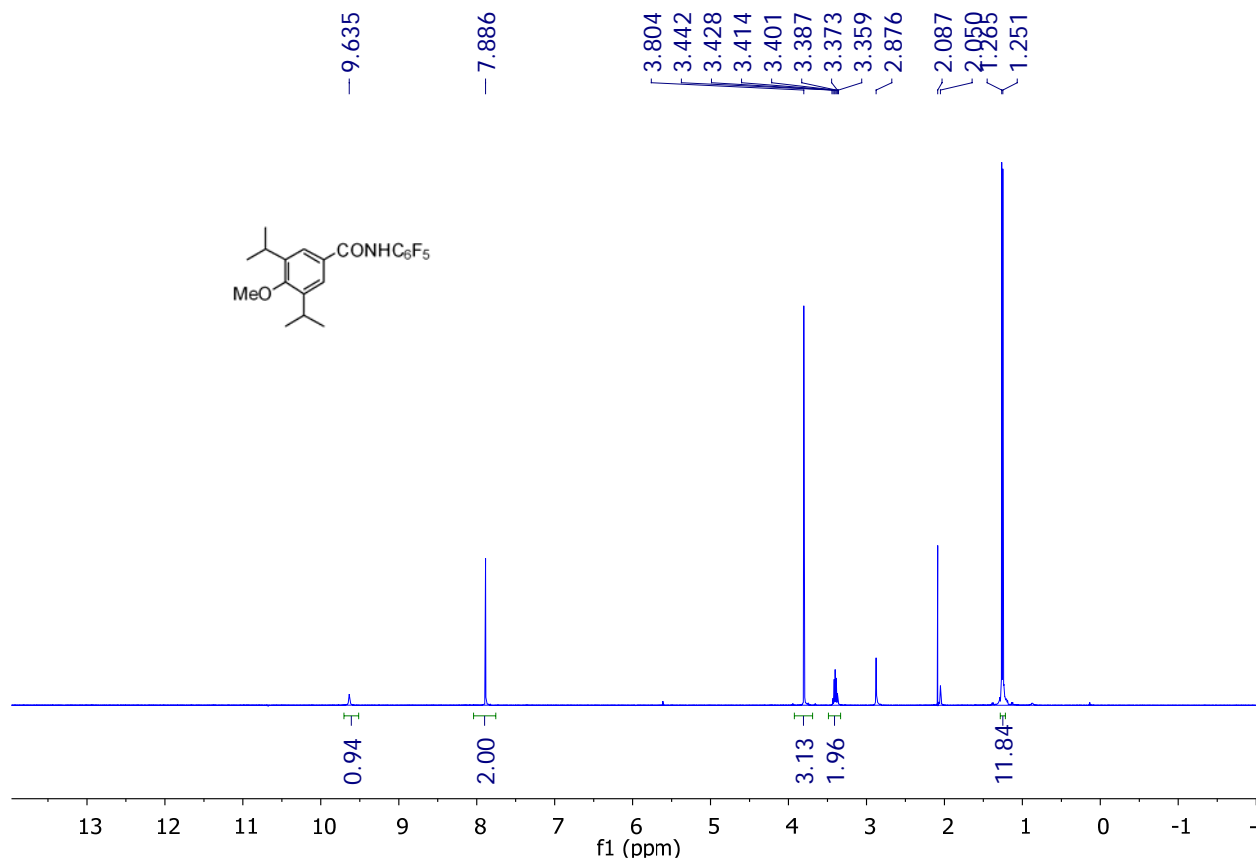
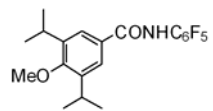
**NMR of compound 3fa**



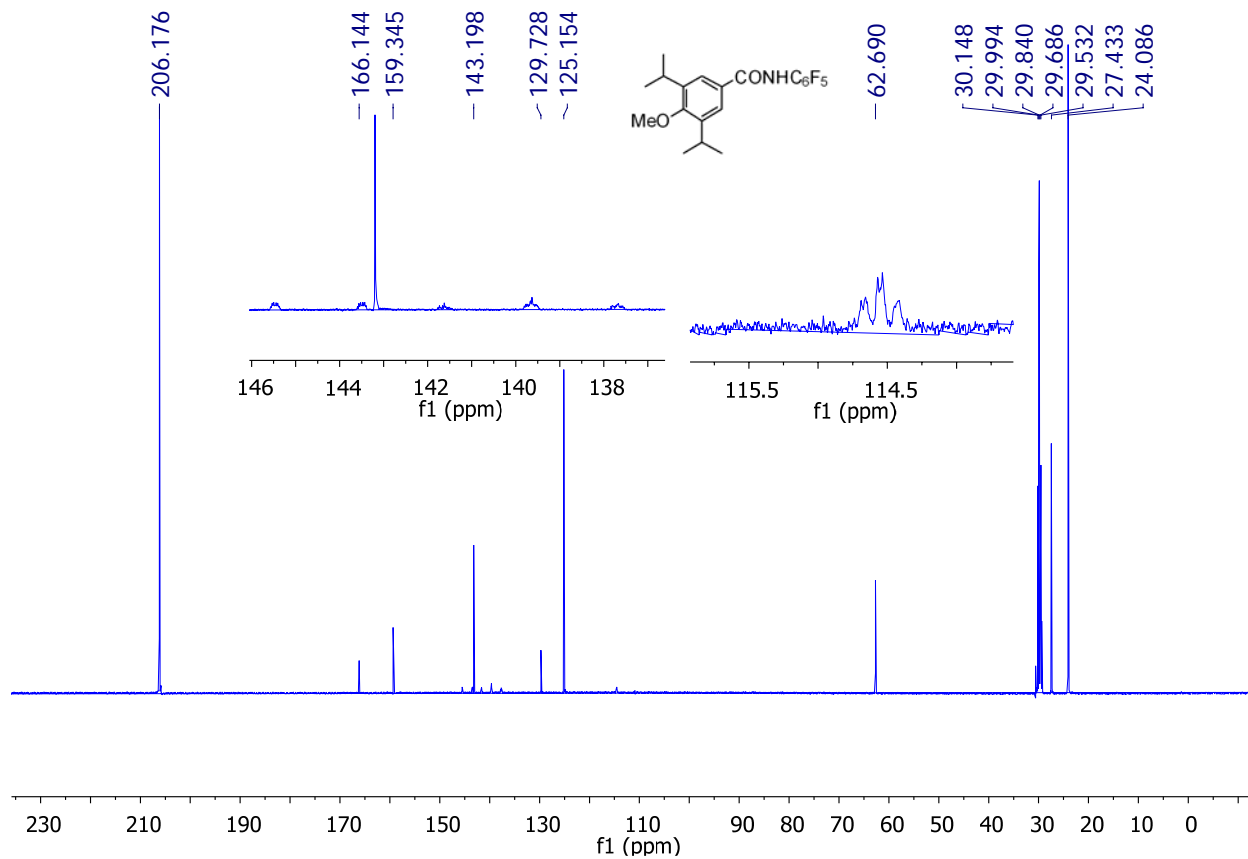


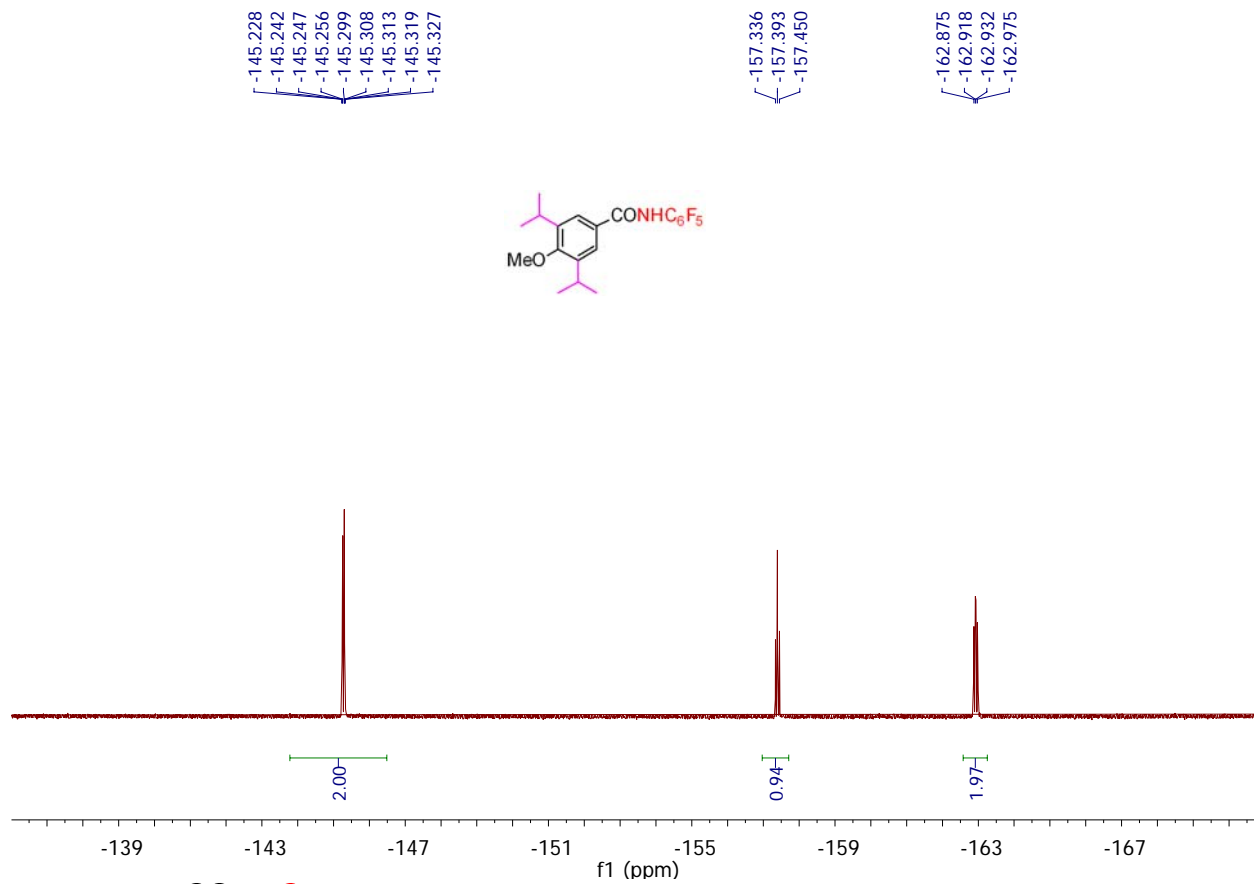


**NMR of compound 3ga**

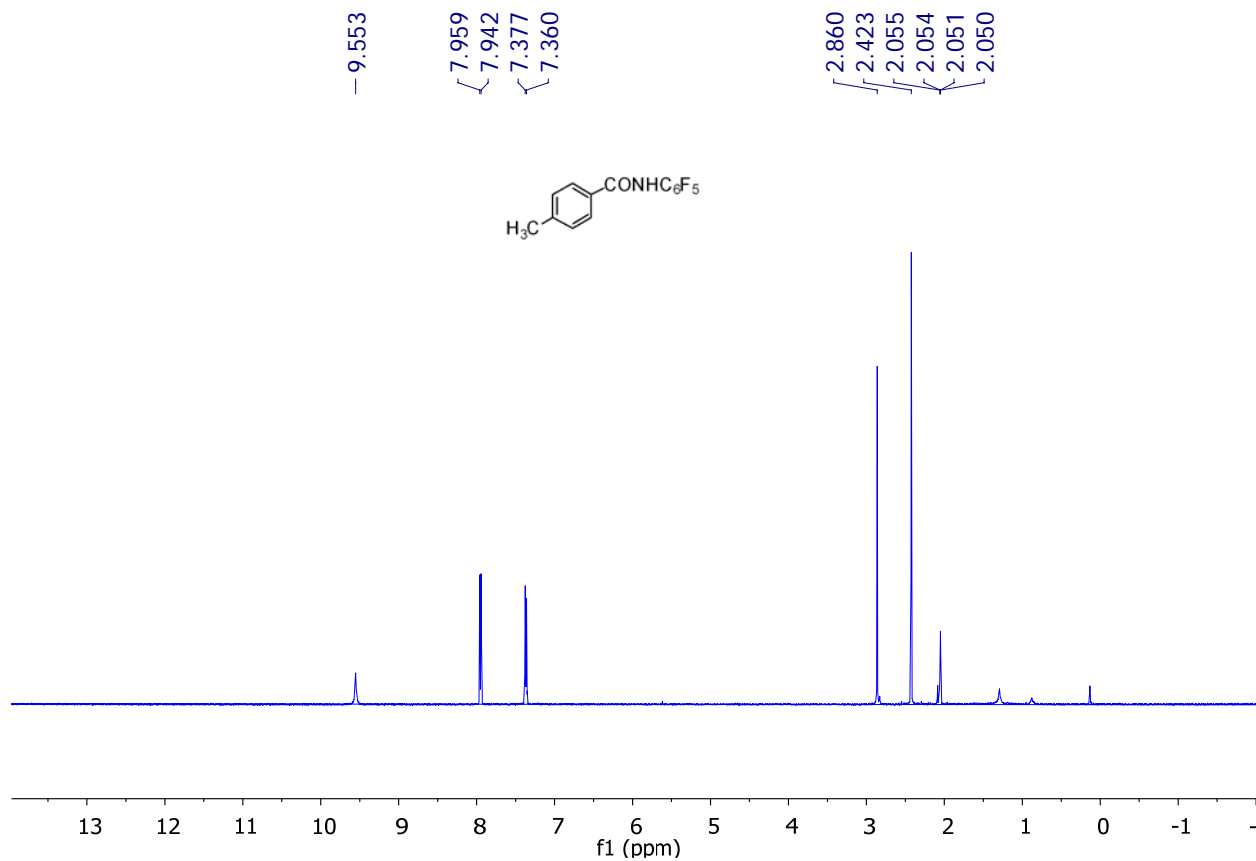


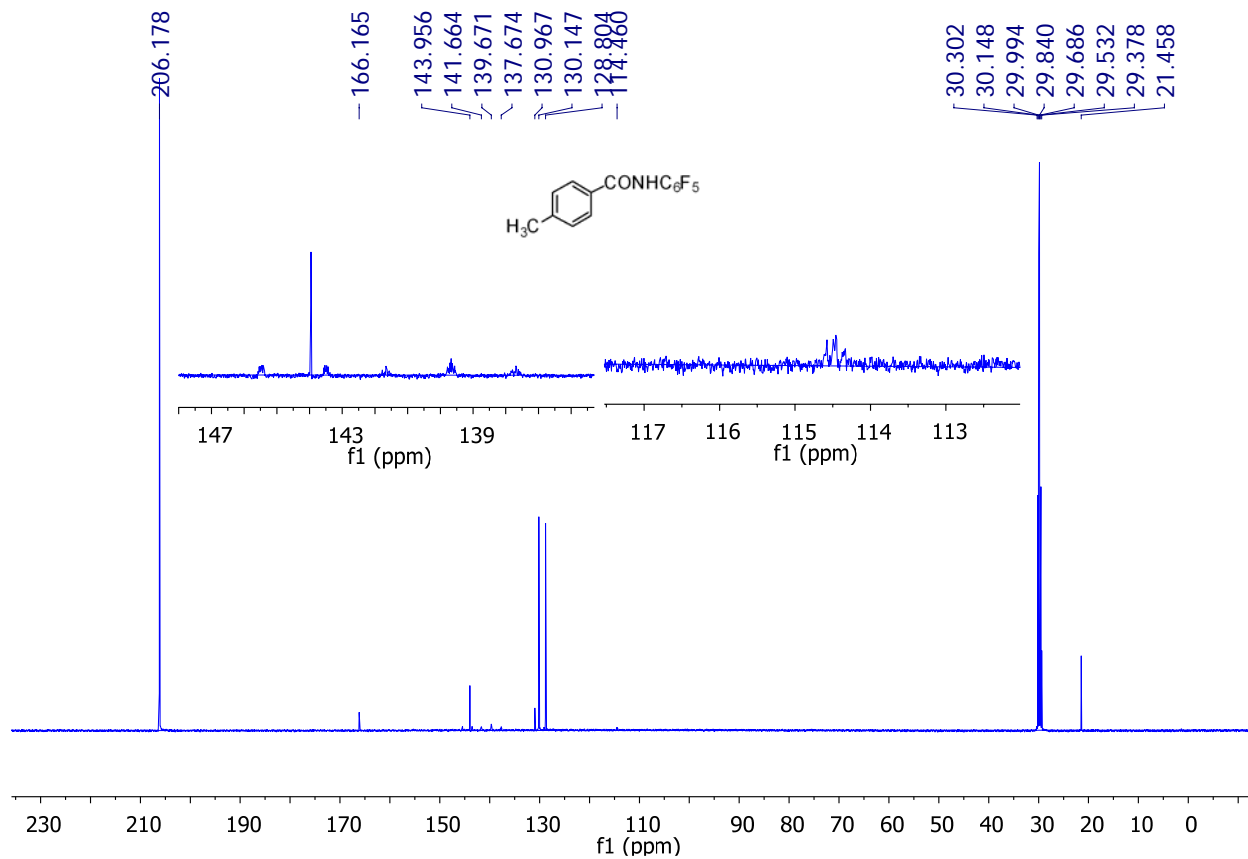


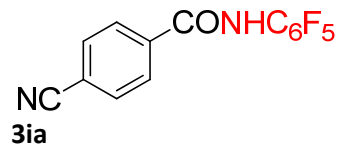
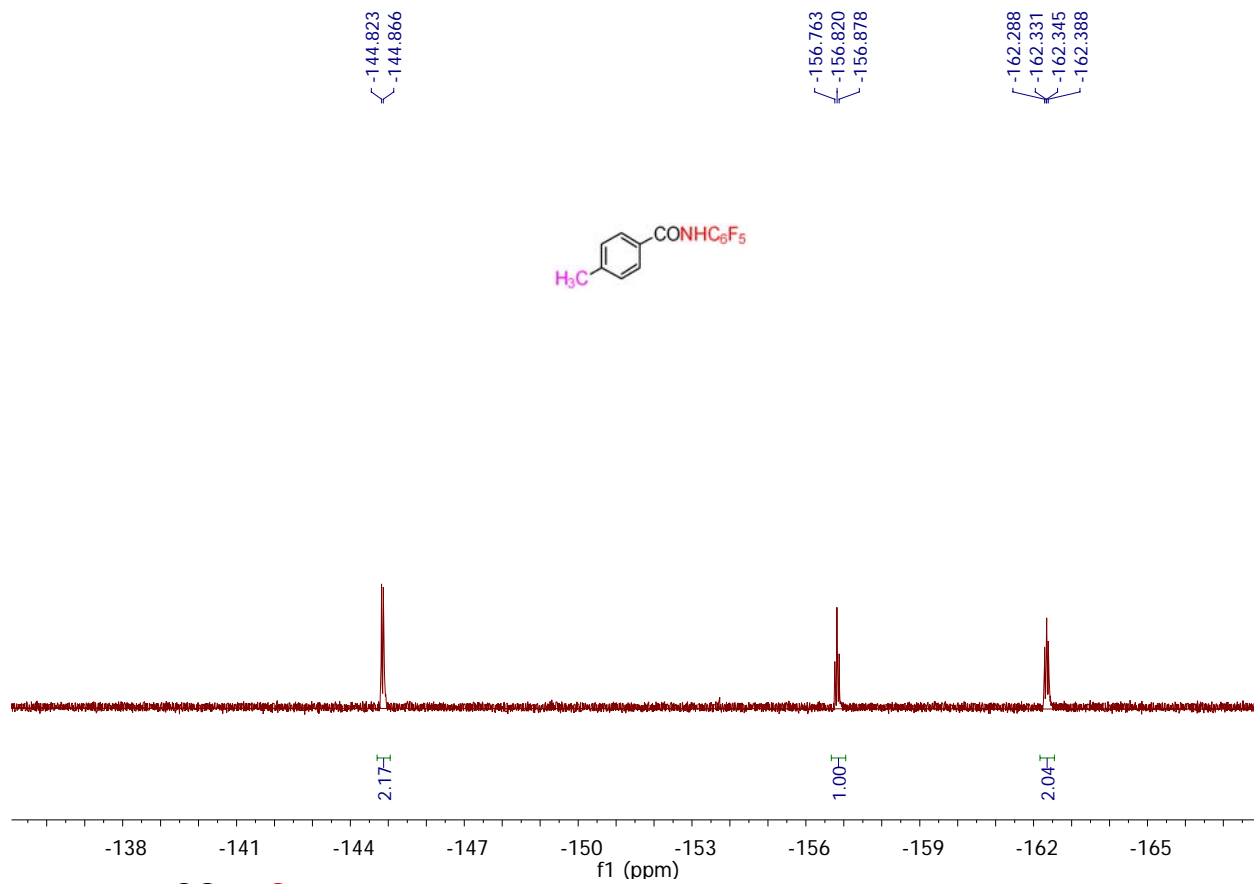




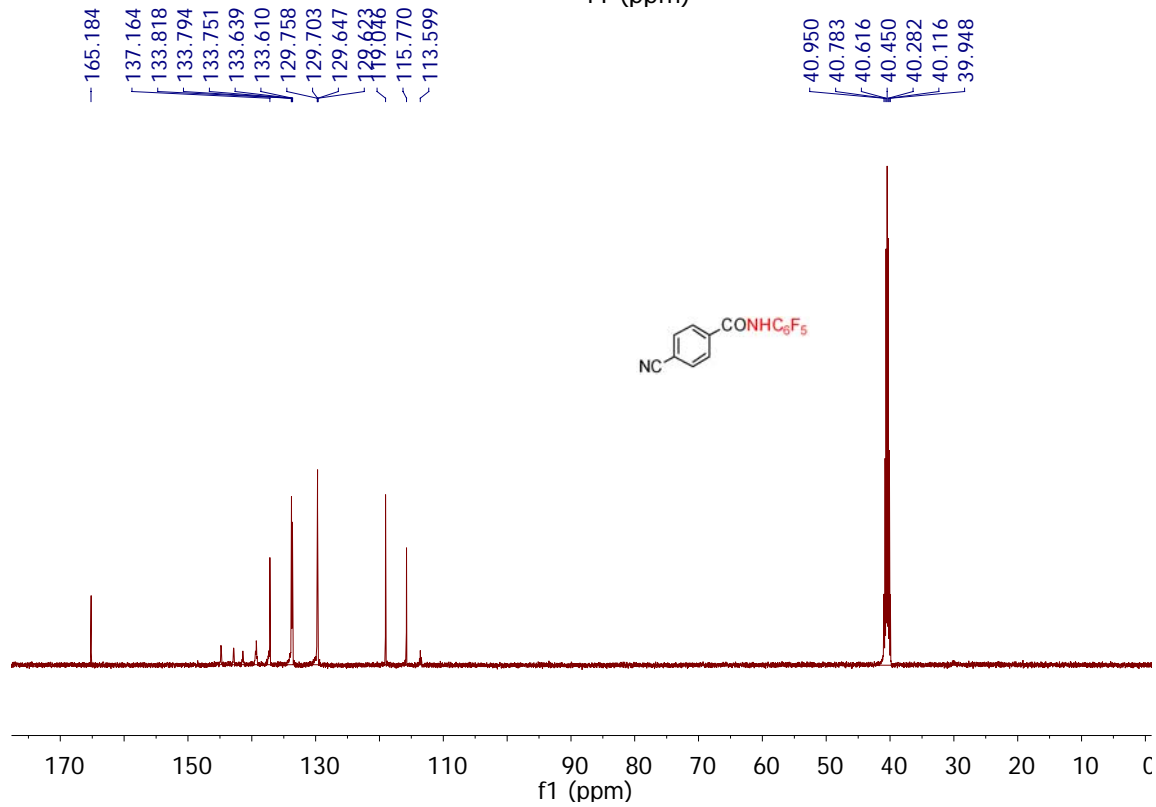
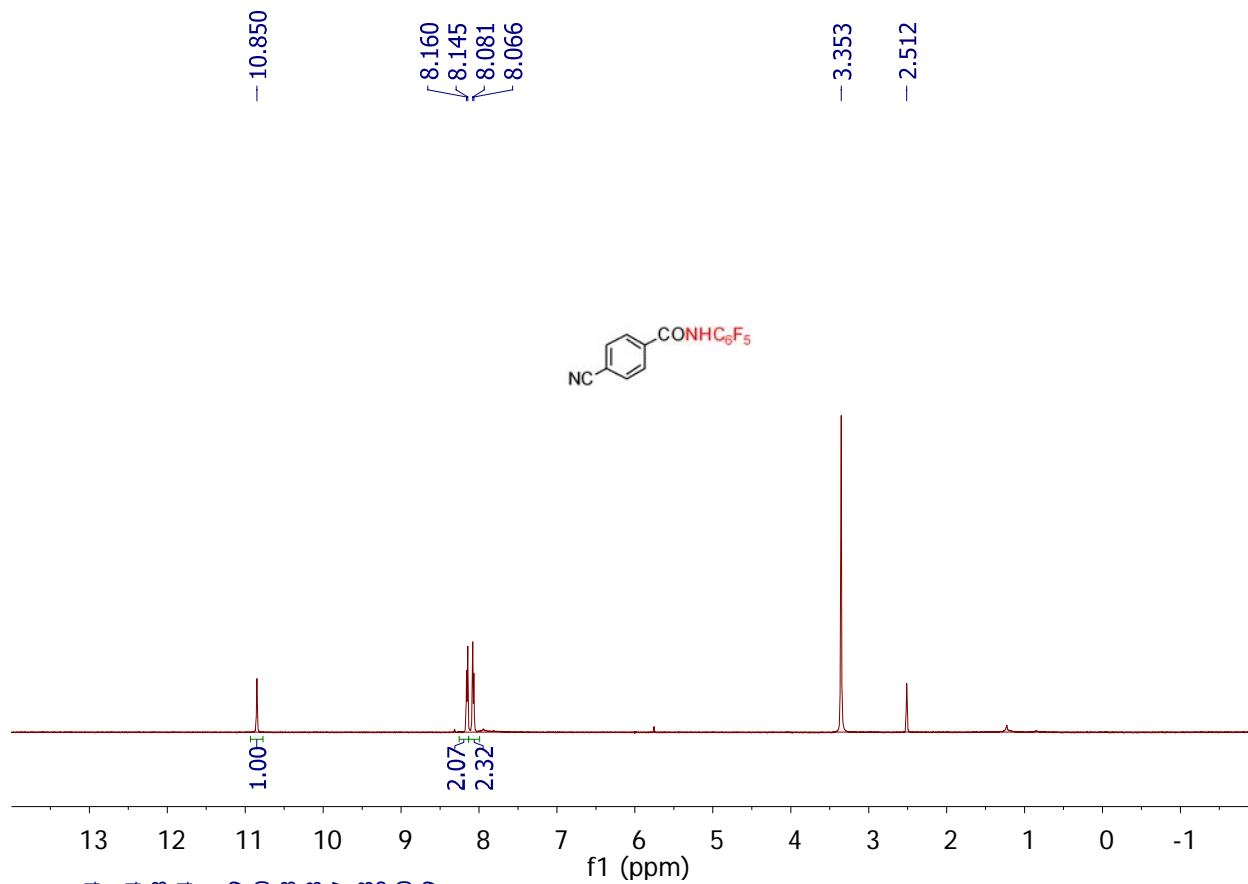
CC1=CC=C(C=C1)C(=O)Nc2ccccc2F  
**3ha**  
**NMR of compound 3ha**

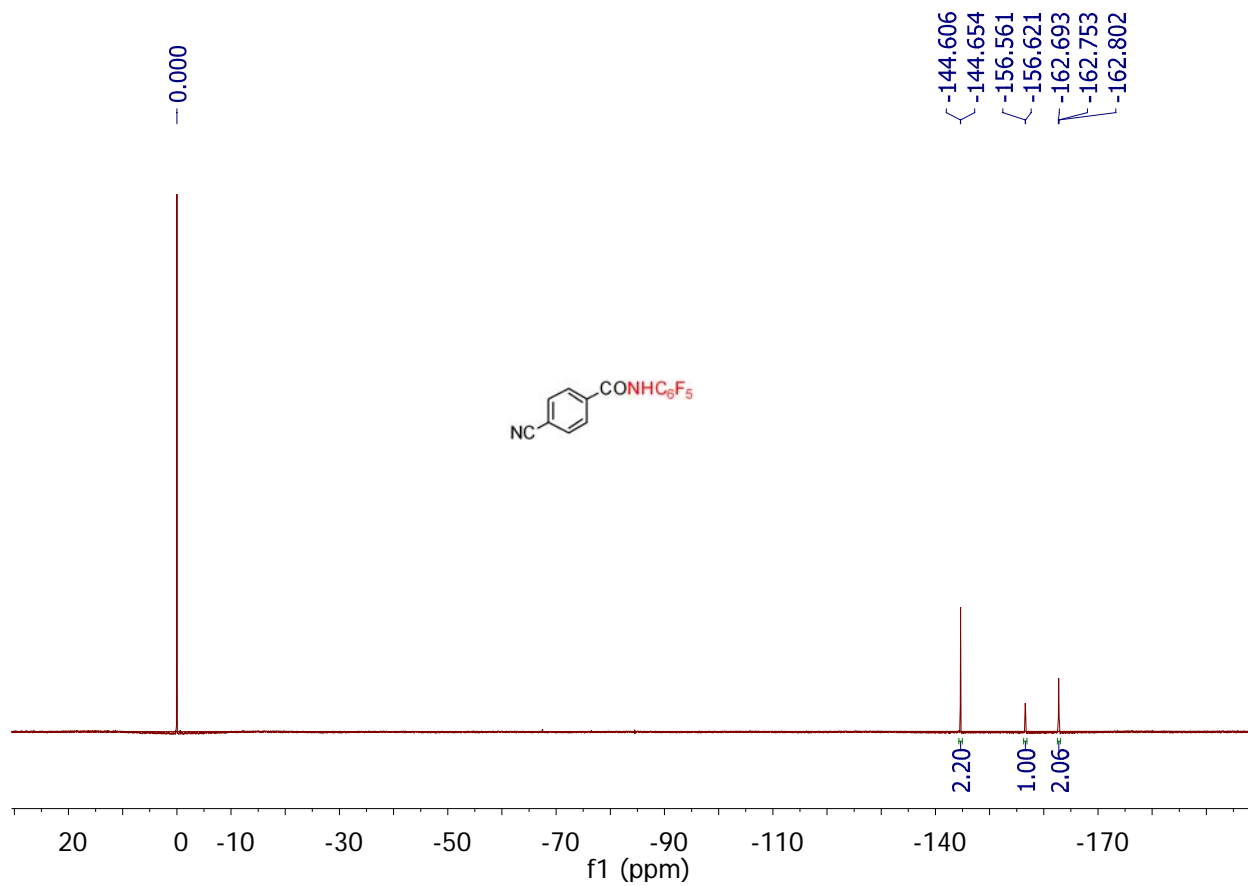




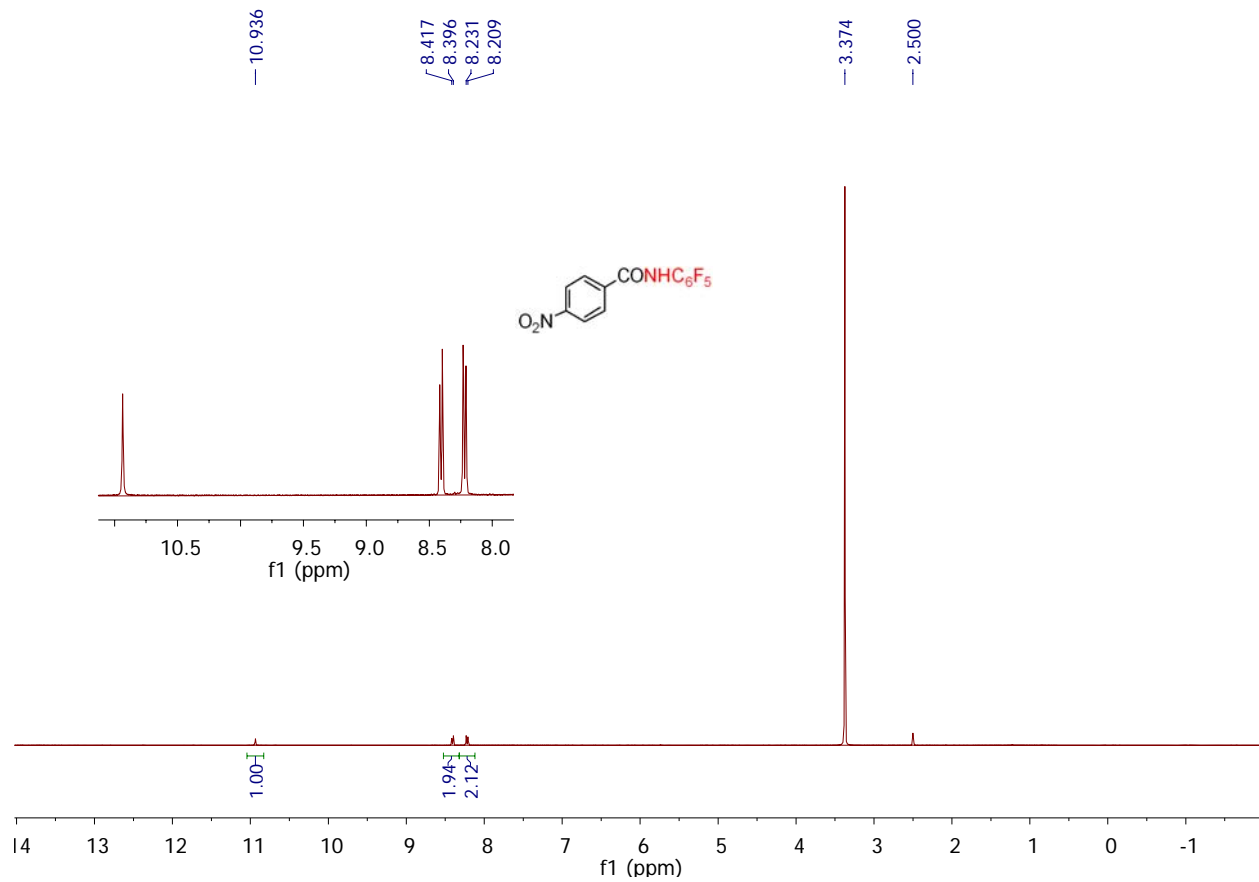


NMR of compound 3ia

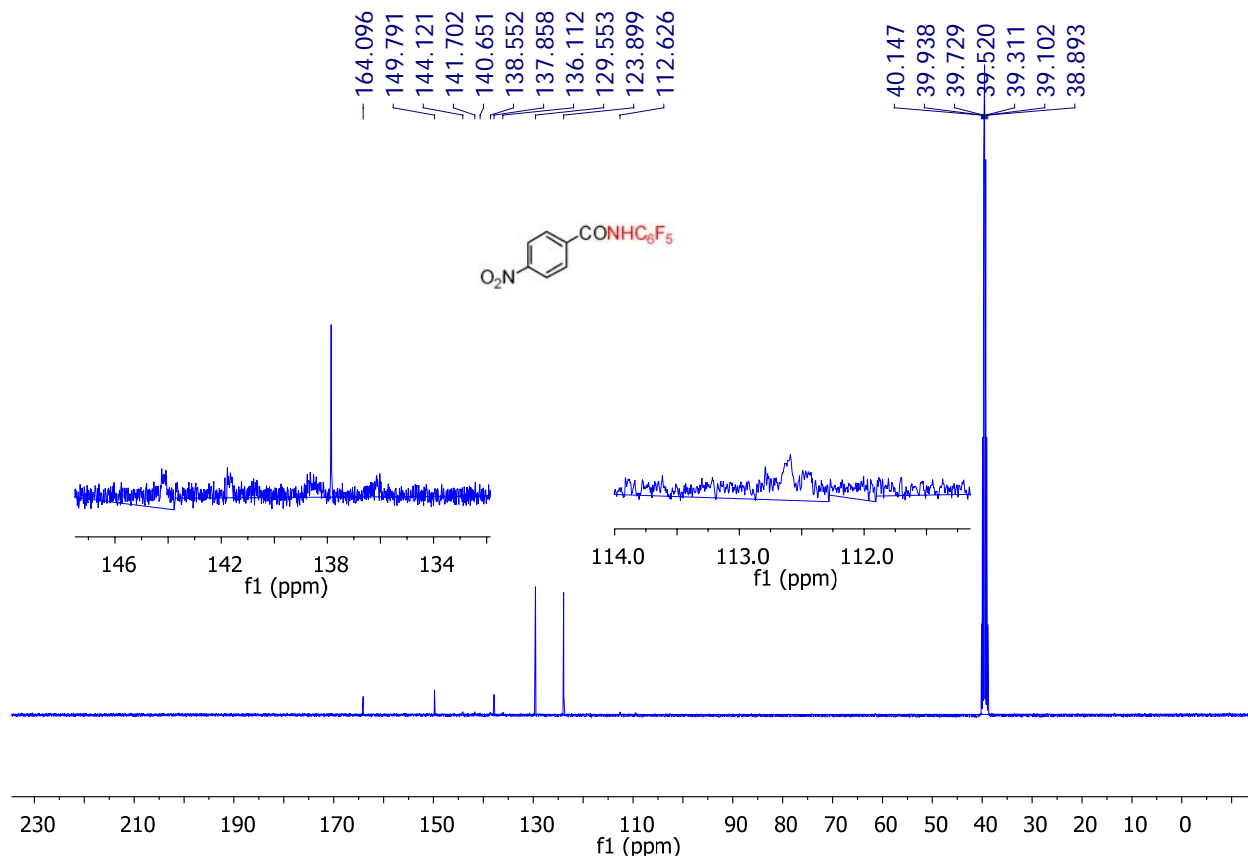


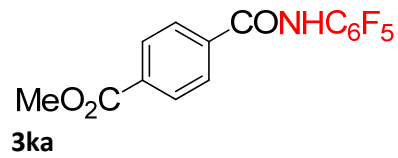
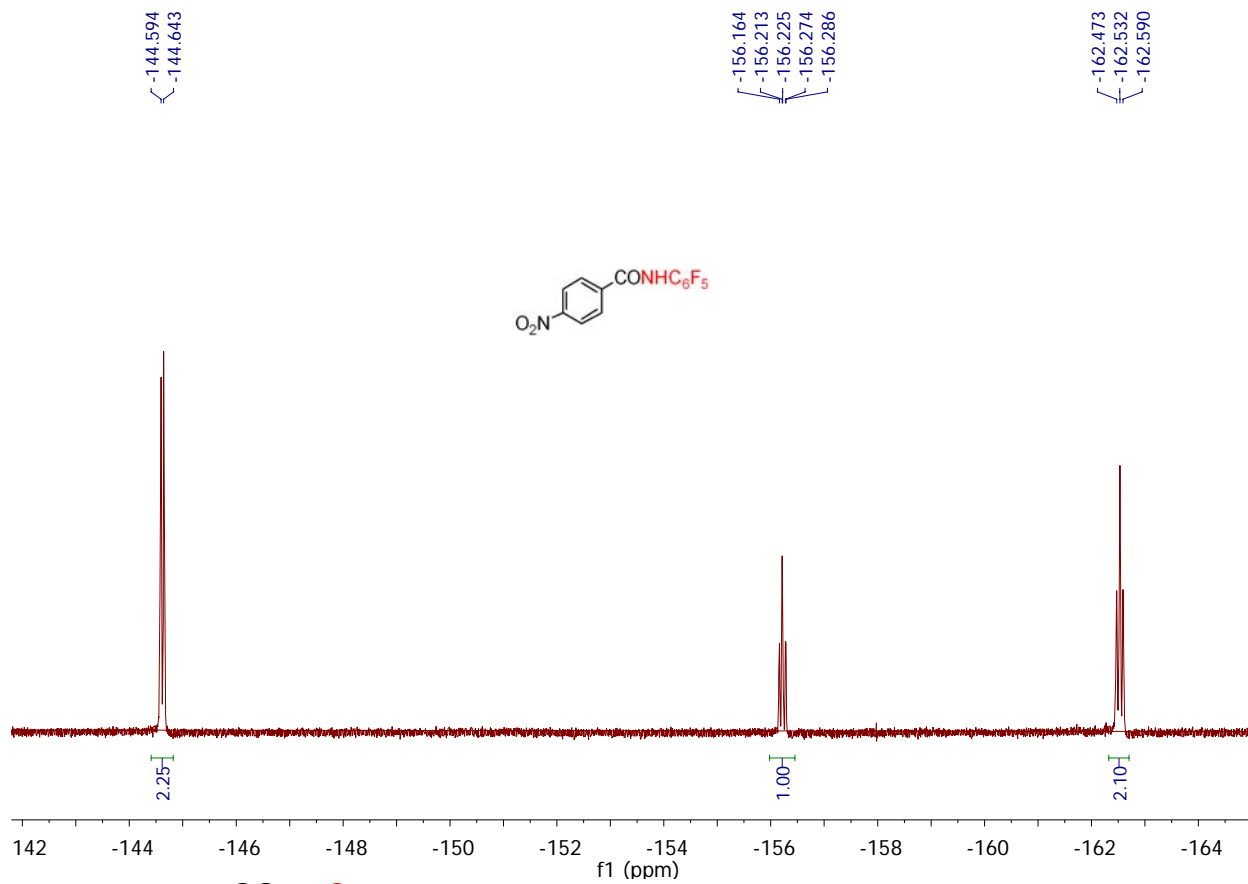


**NMR of compound 3ja**

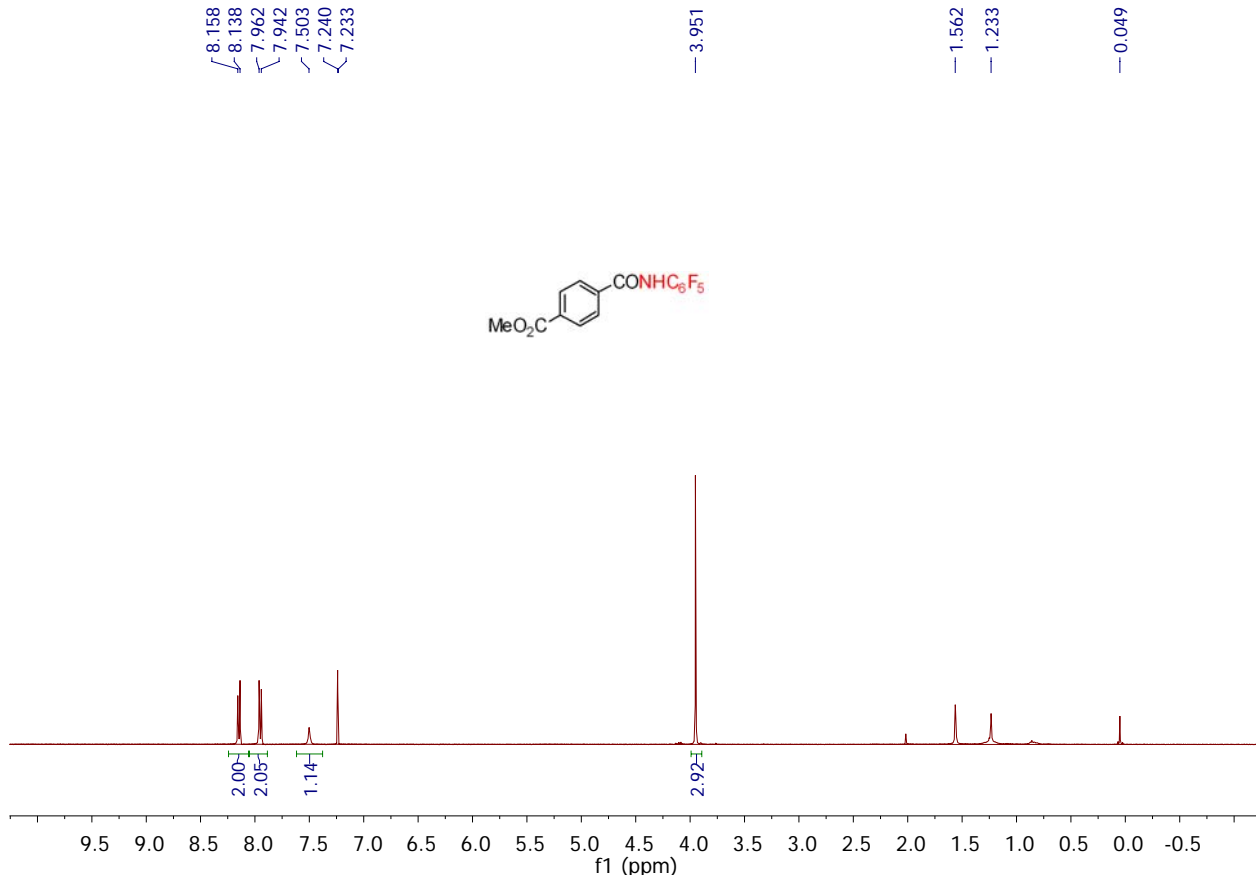
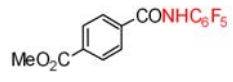


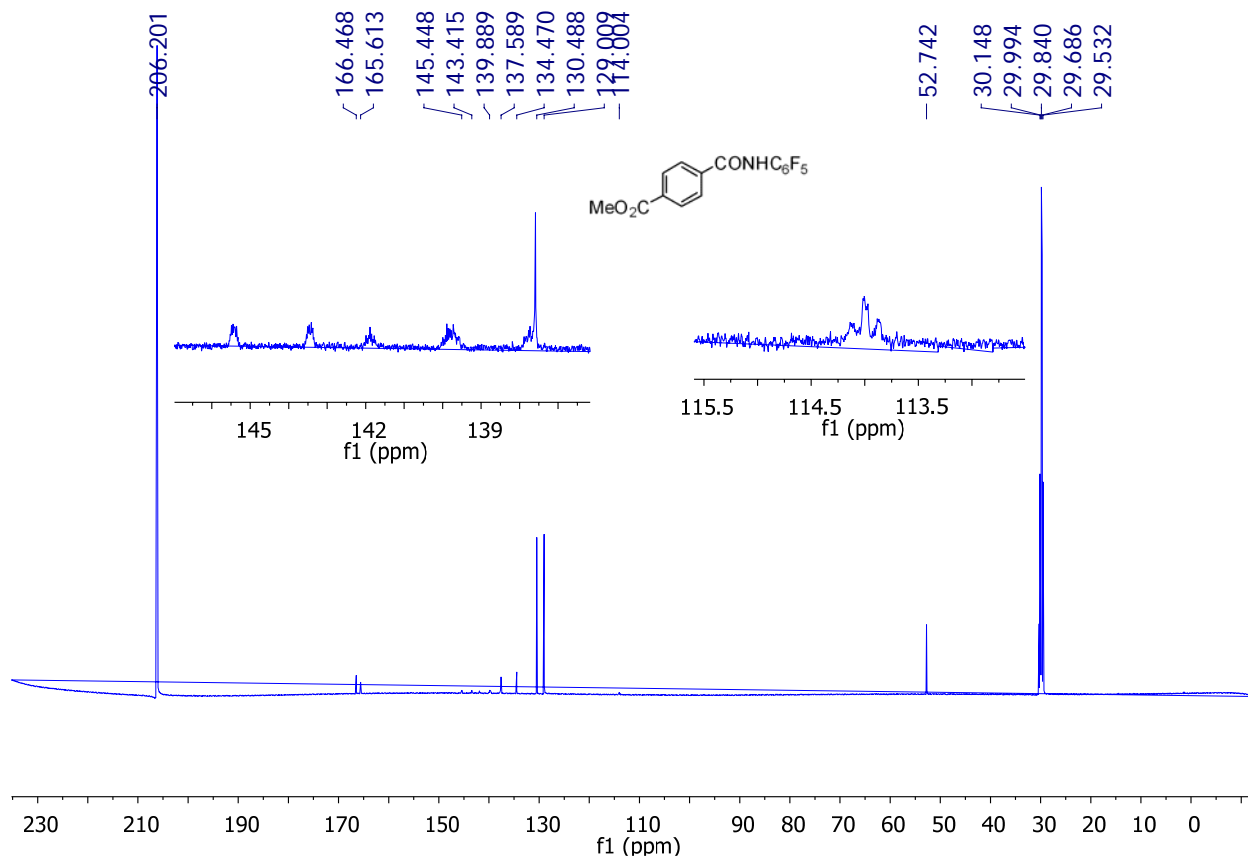






NMR of compound 3ka

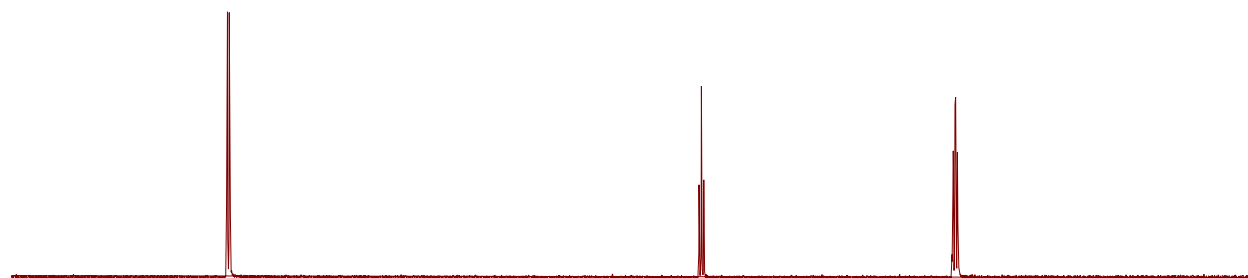
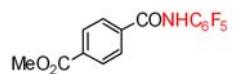




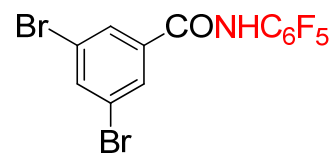
-144.990  
-144.997  
-145.009  
-145.018  
-145.061  
-145.070  
-145.082  
-145.089

-156.257  
-156.314  
-156.372

-162.294  
-162.306  
-162.315  
-162.358  
-162.372  
-162.415  
-162.424  
-162.436  
-162.443

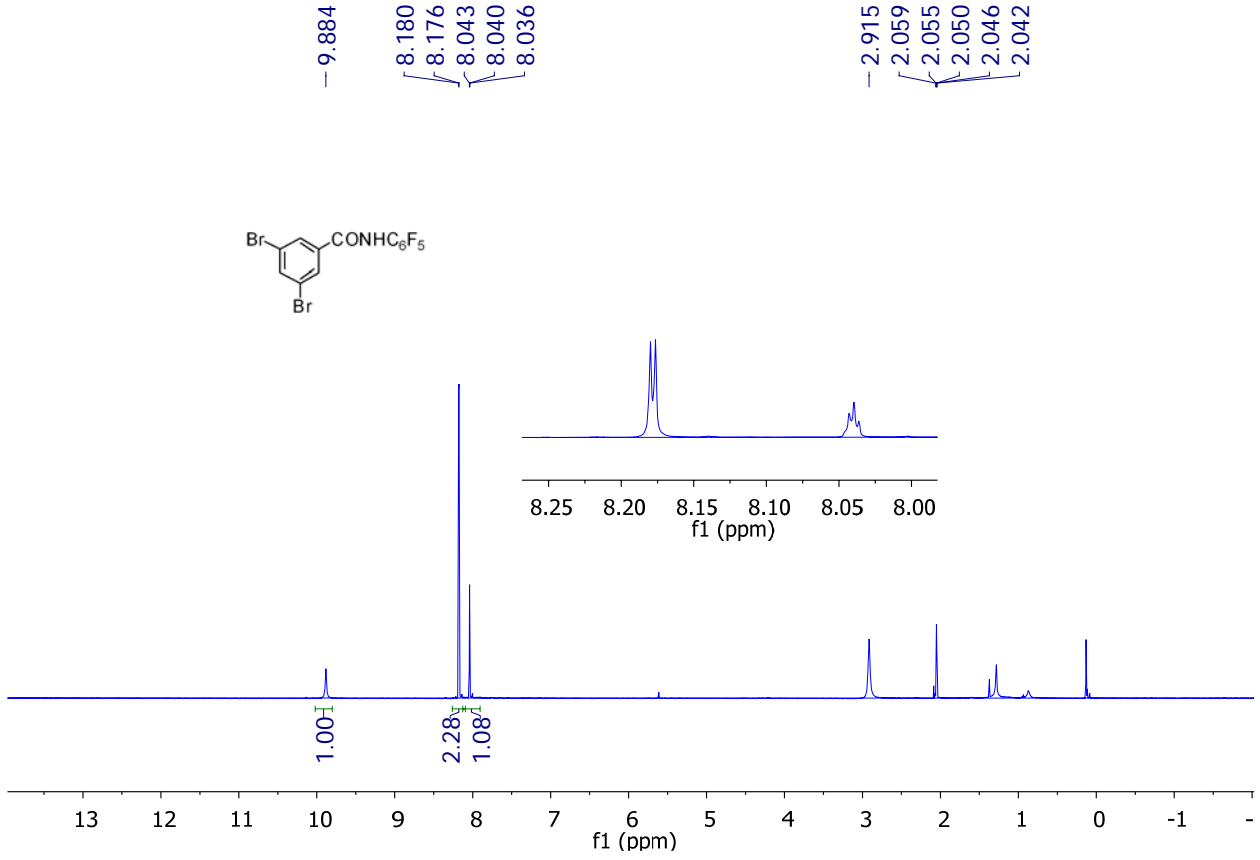
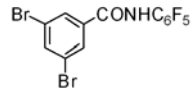


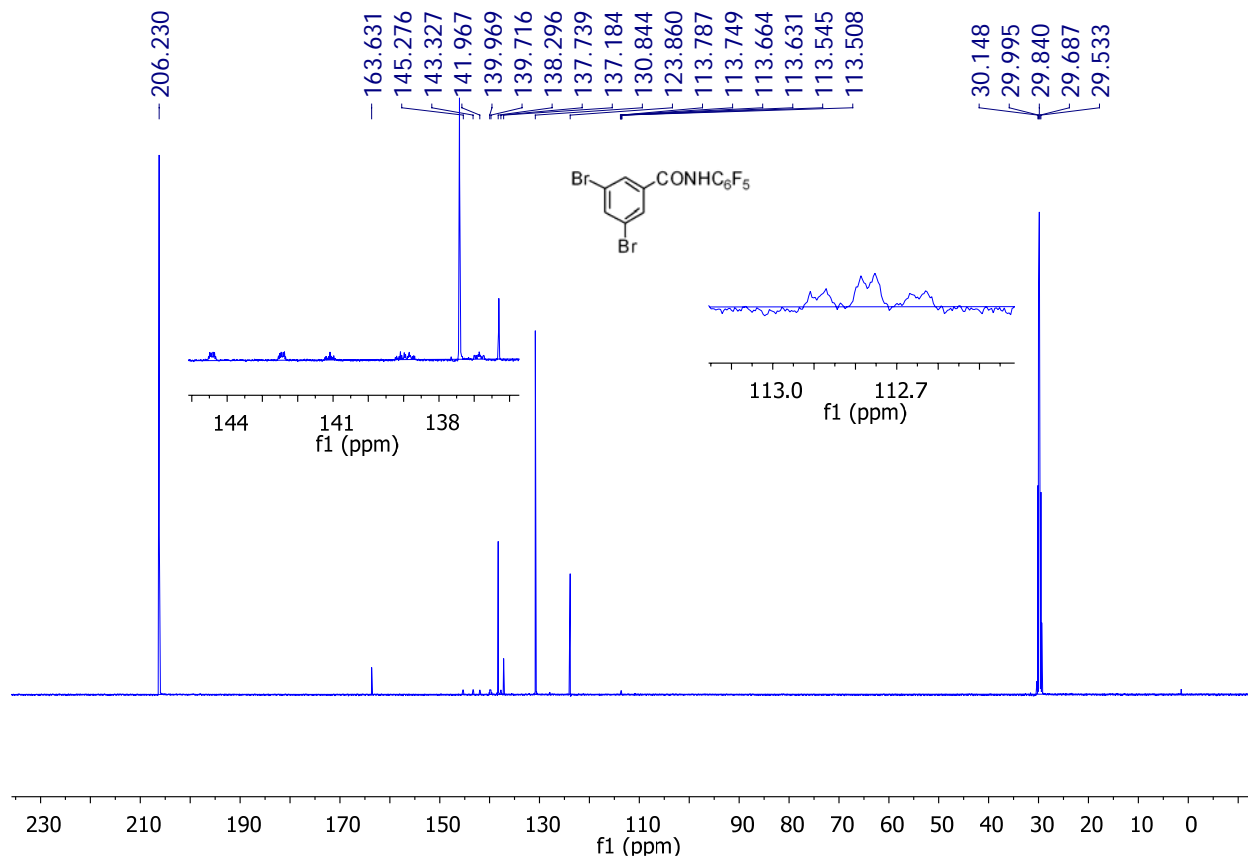
140 -143 -146 -149 -152 -155 -158 -161 -164 -167  
f1 (ppm)

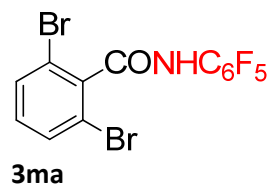
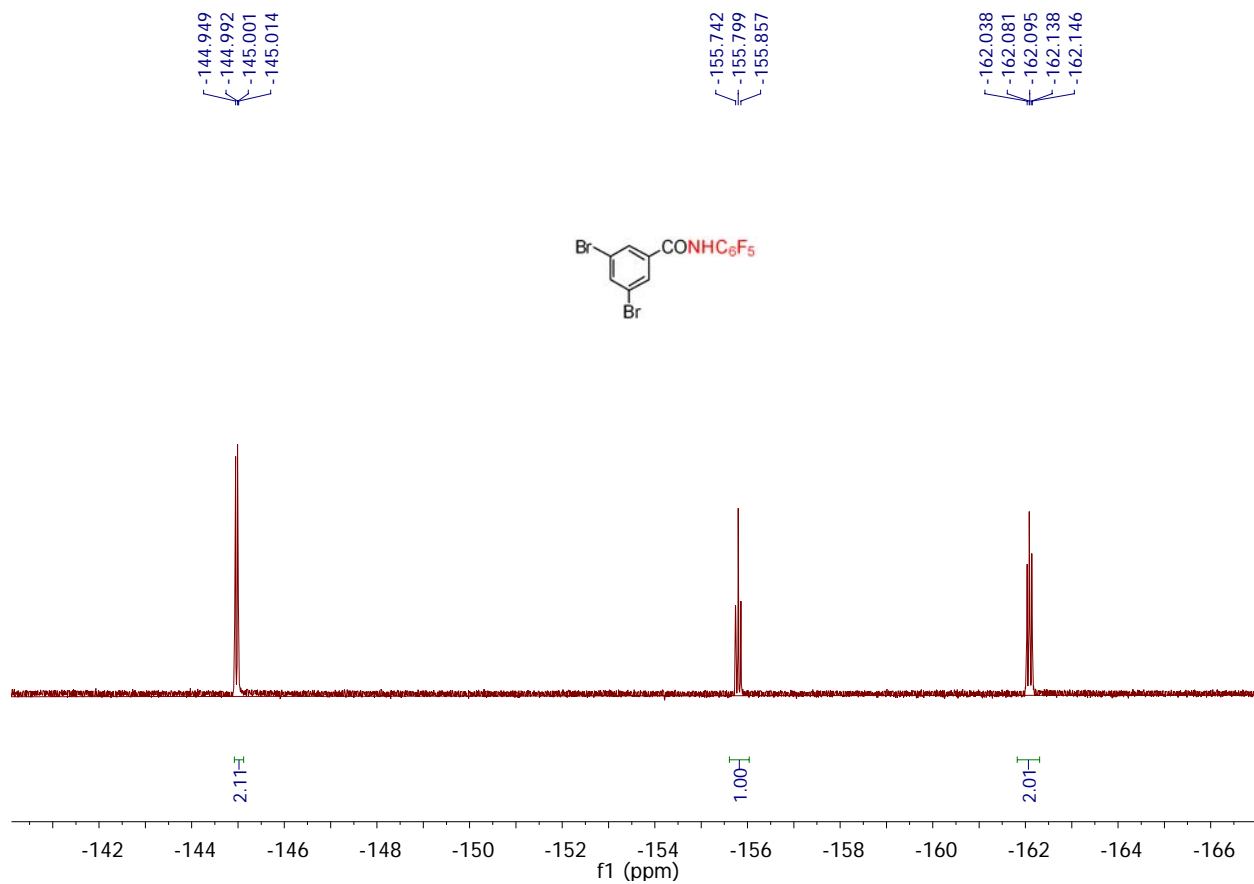


3la

NMR of compound 3la

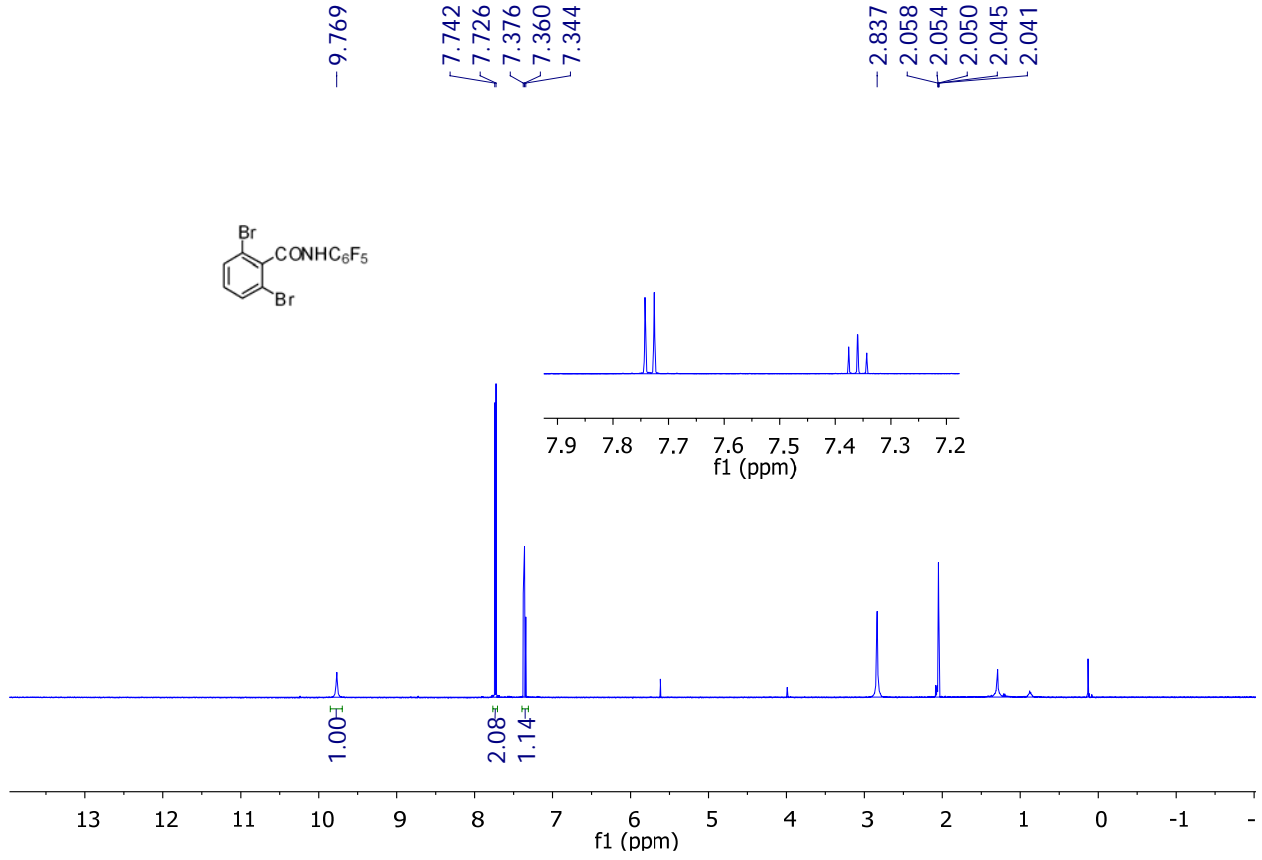
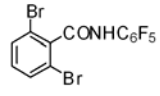


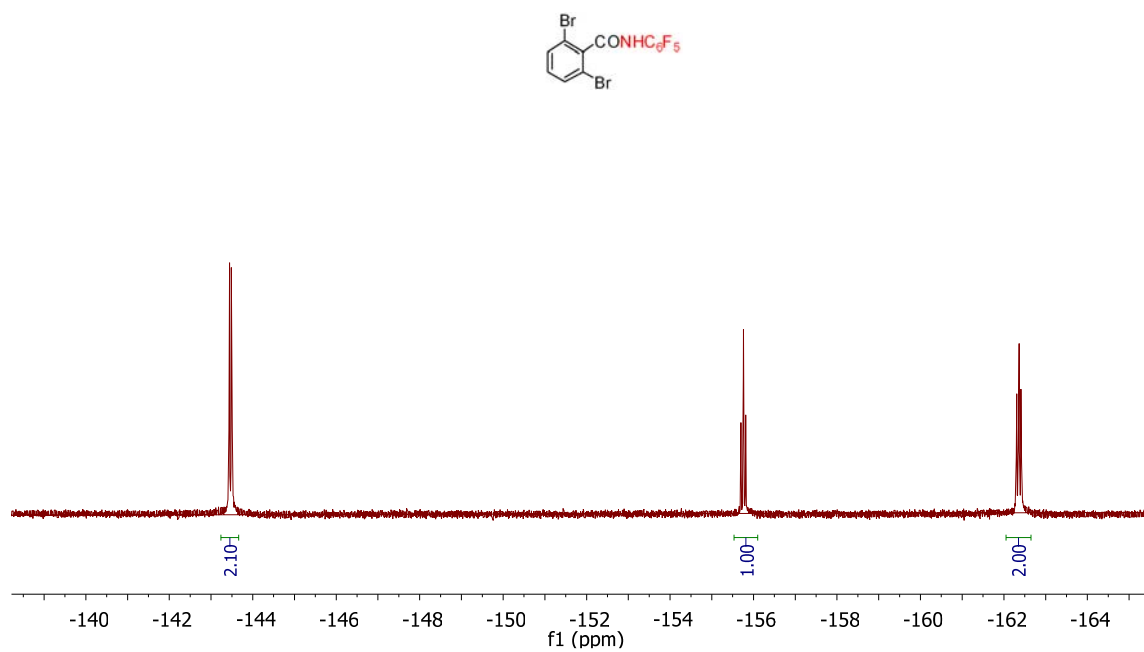
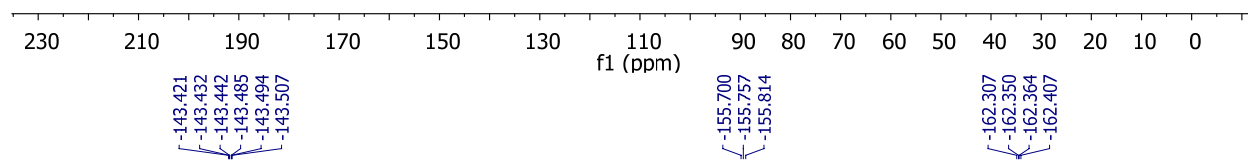
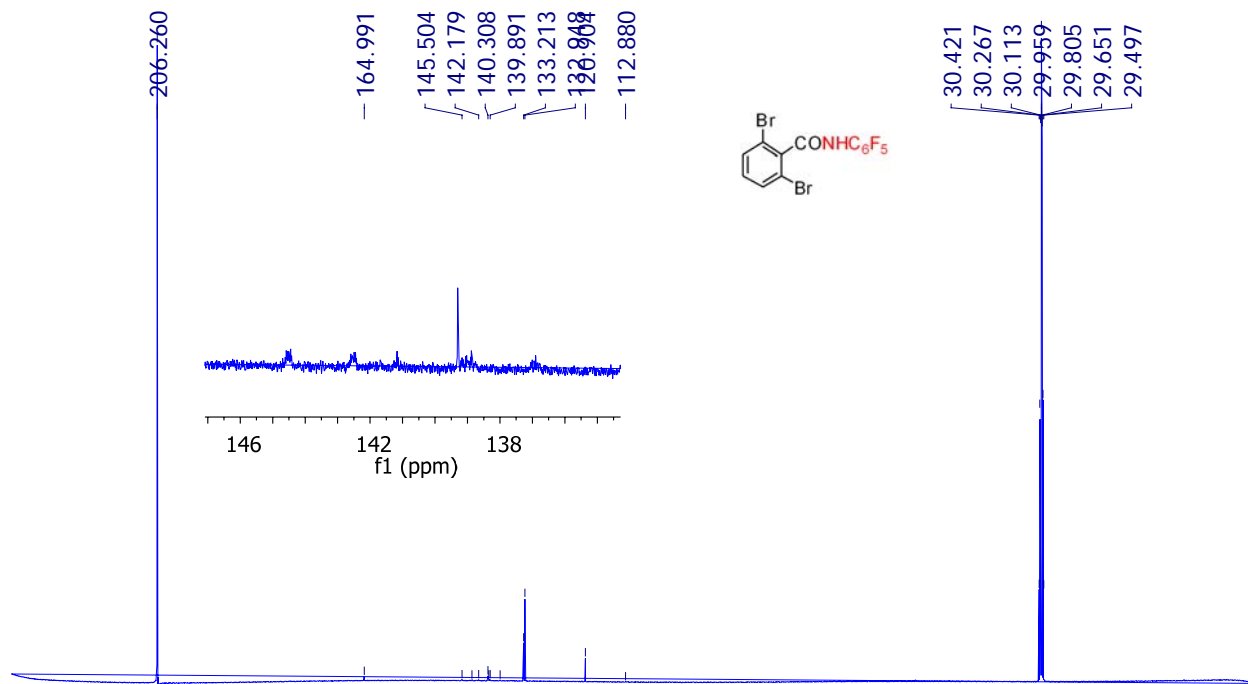


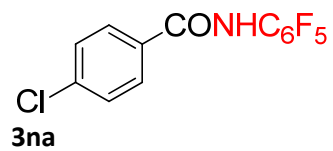


**NMR of compound 3ma**



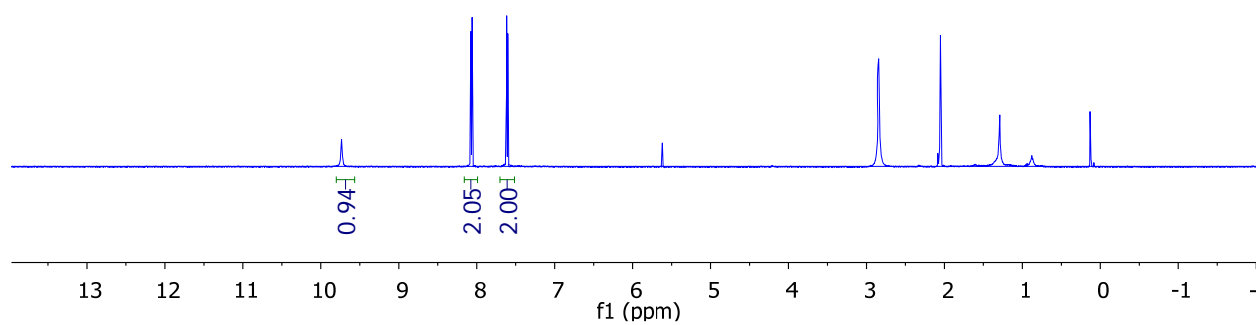
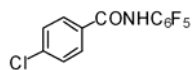


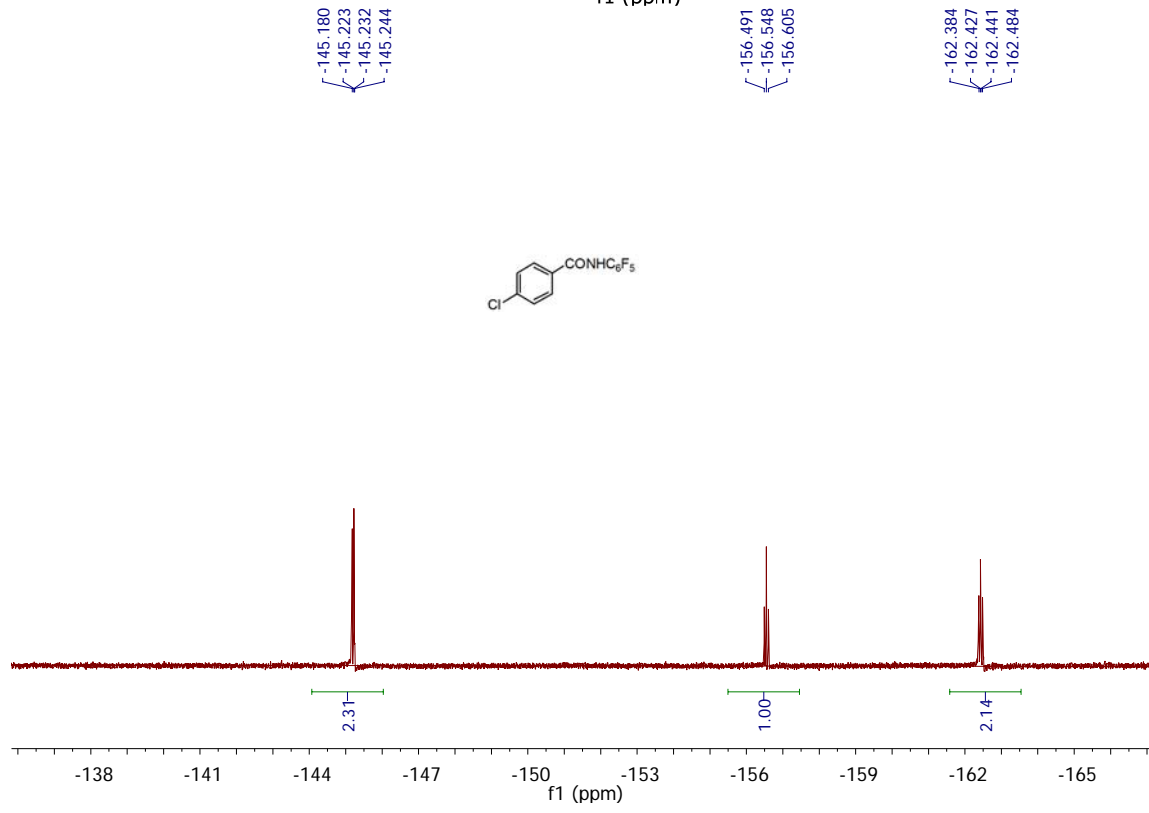
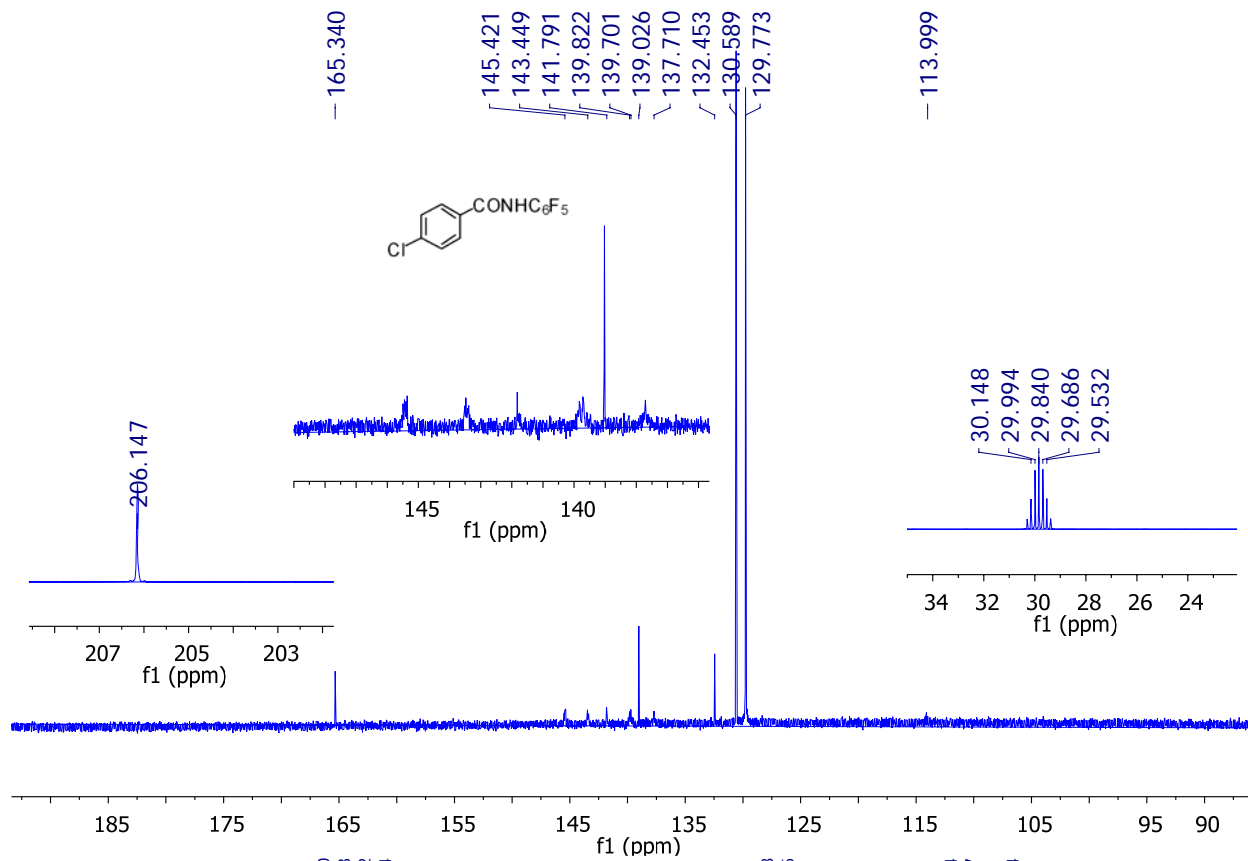


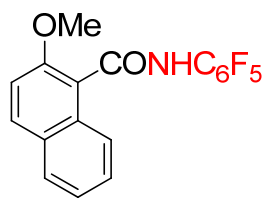


### NMR of compound 3na

9.734  
8.076  
8.059  
7.617  
7.600  
2.844  
2.056  
2.055  
2.052  
2.050  
2.047  
2.046

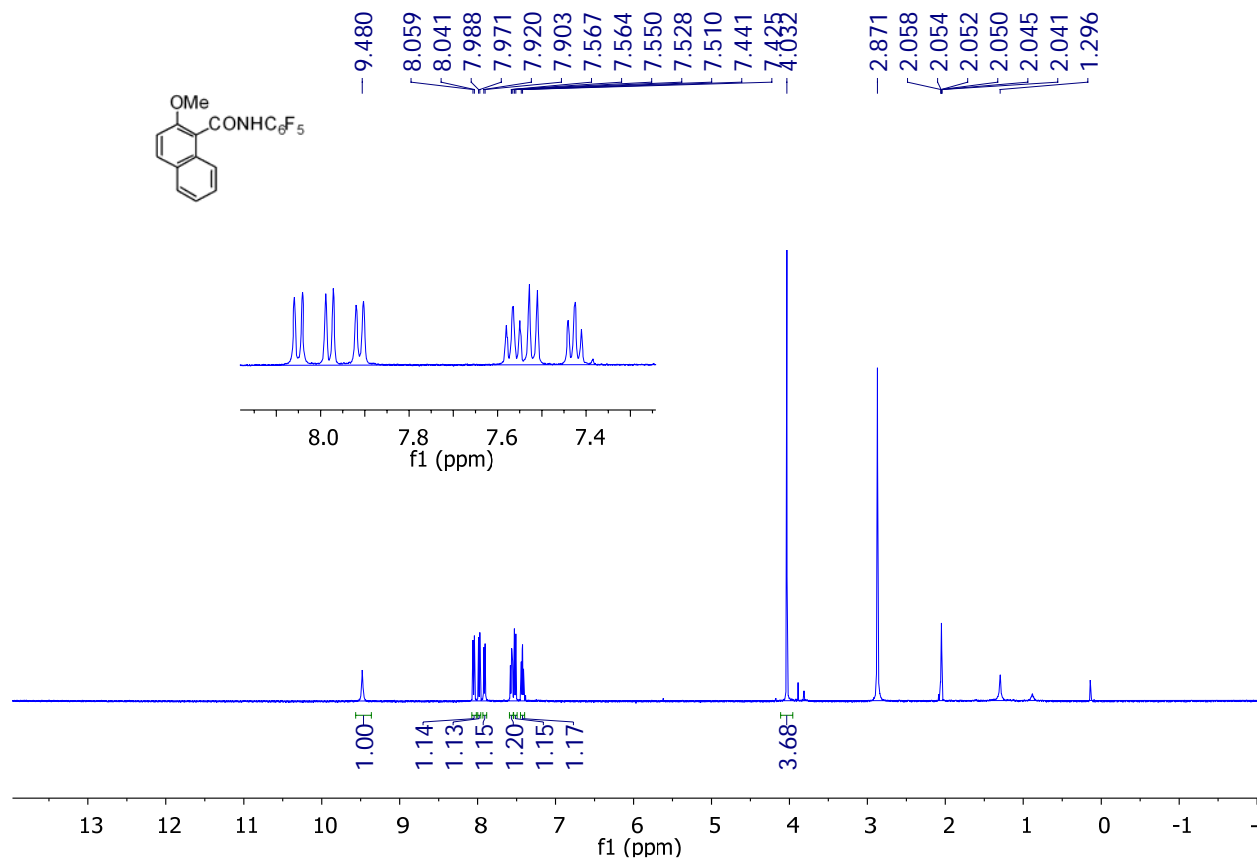


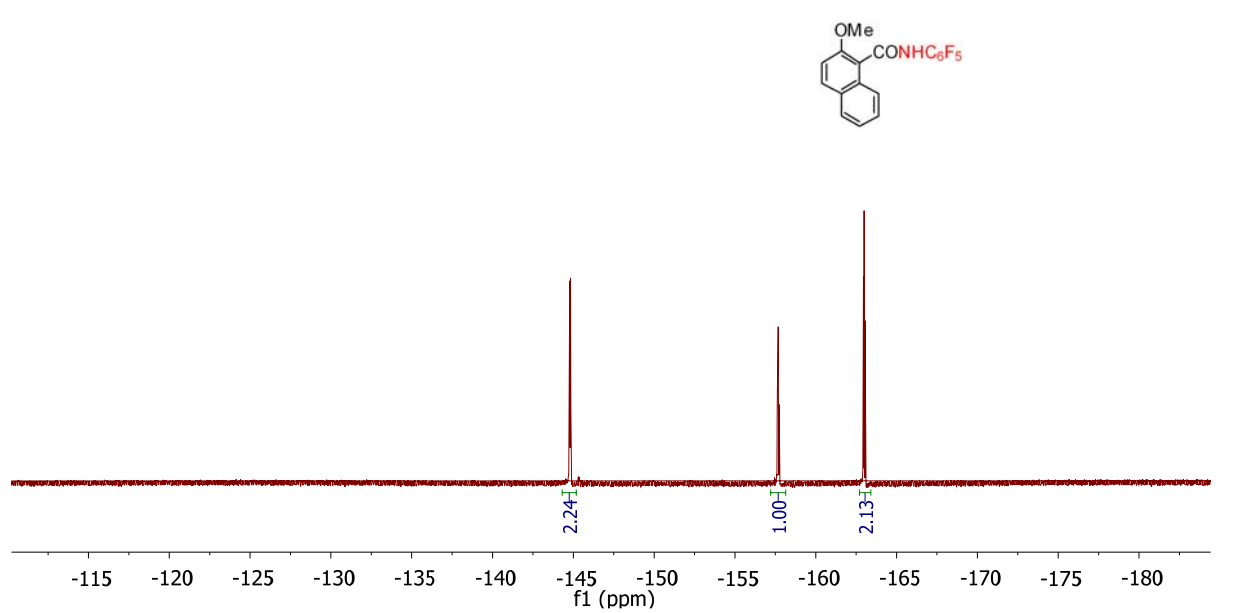
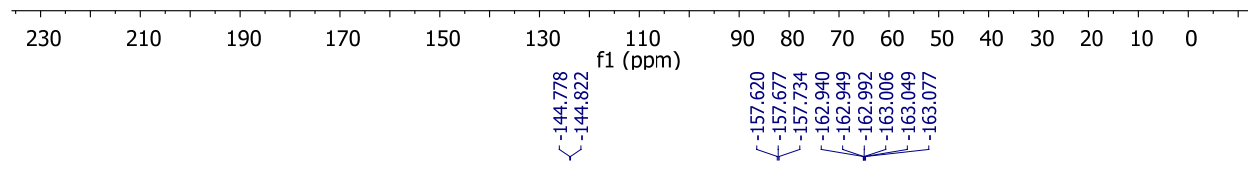
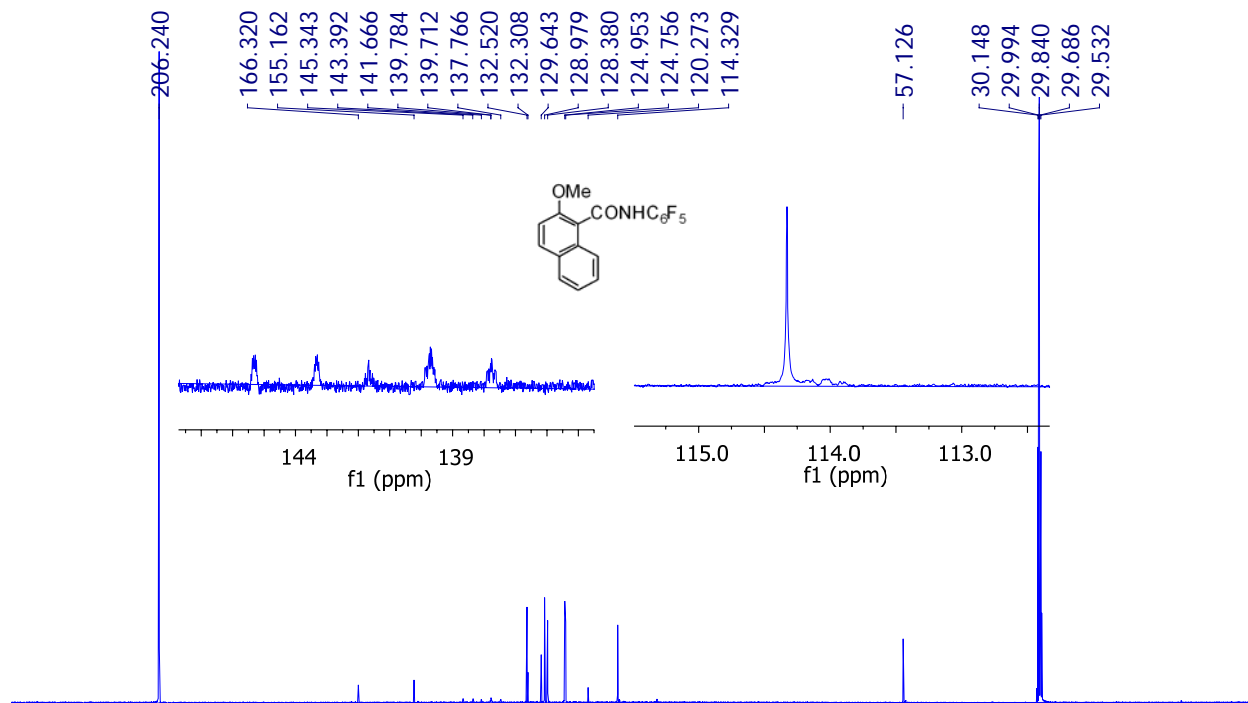


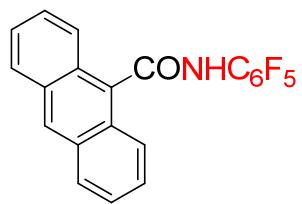


30a

### NMR of compound 30a

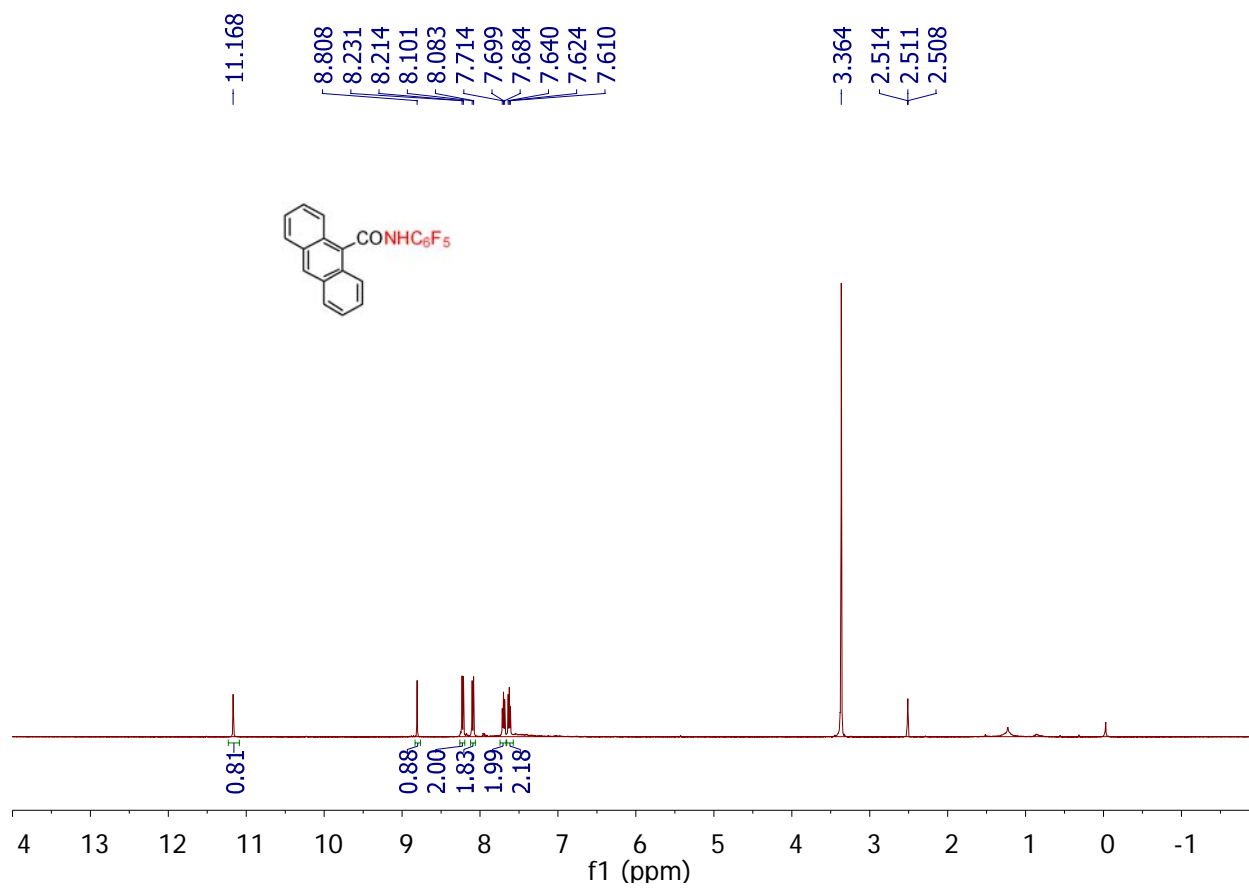


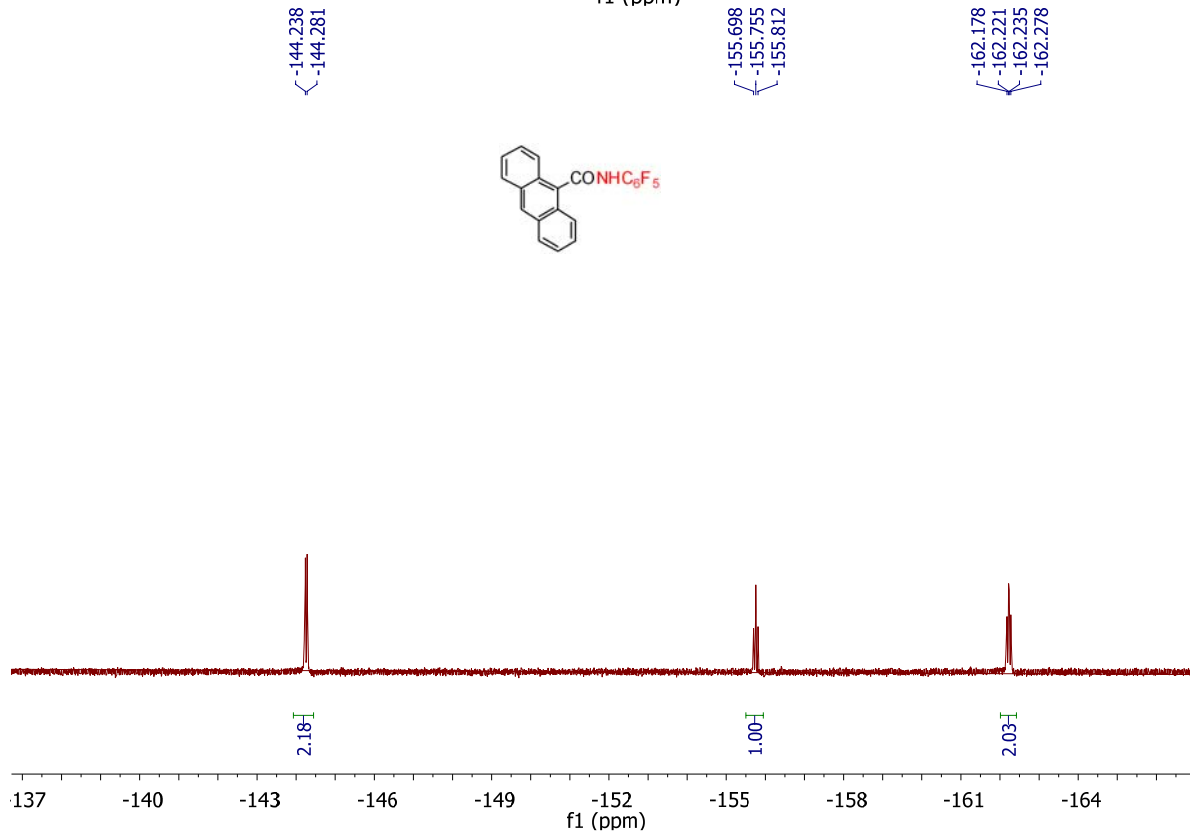
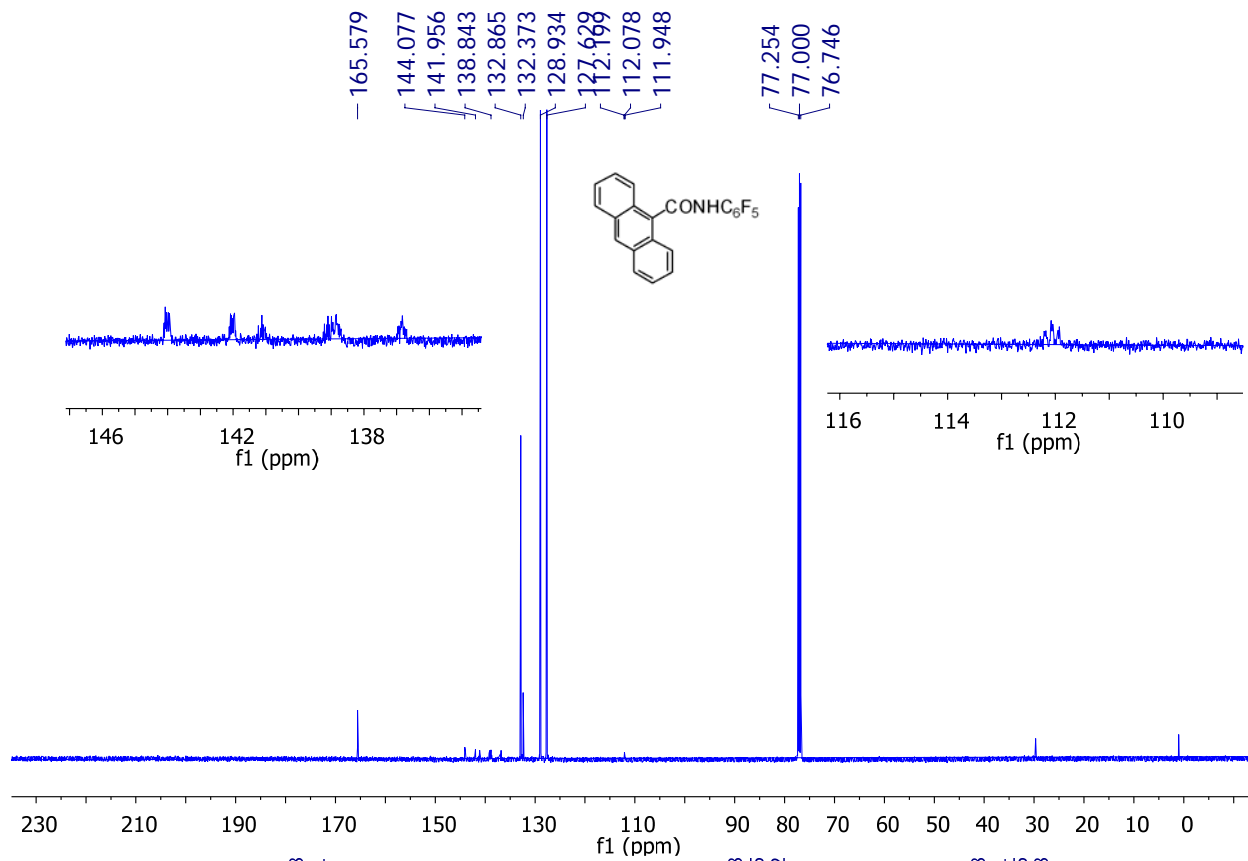




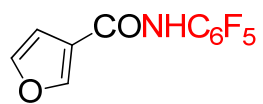
3pa

NMR of compound 3pa



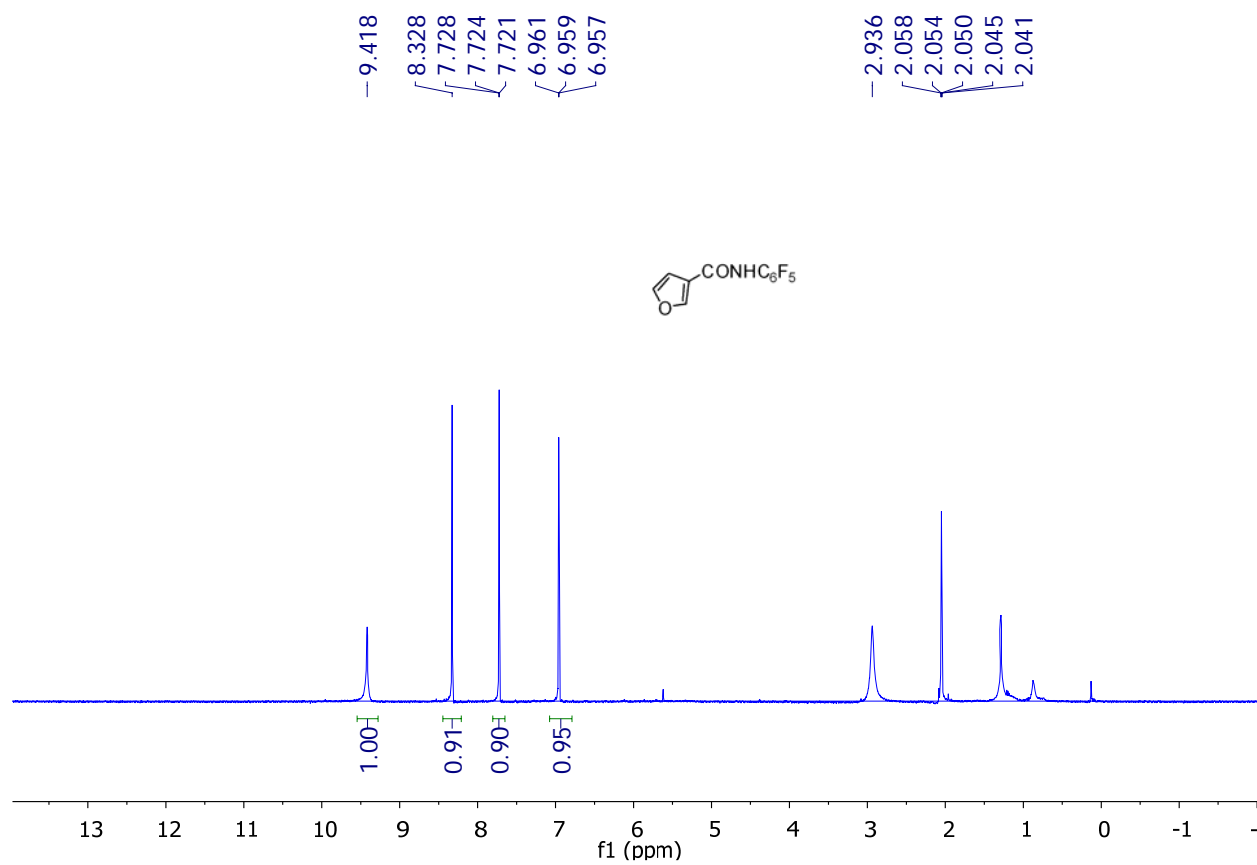


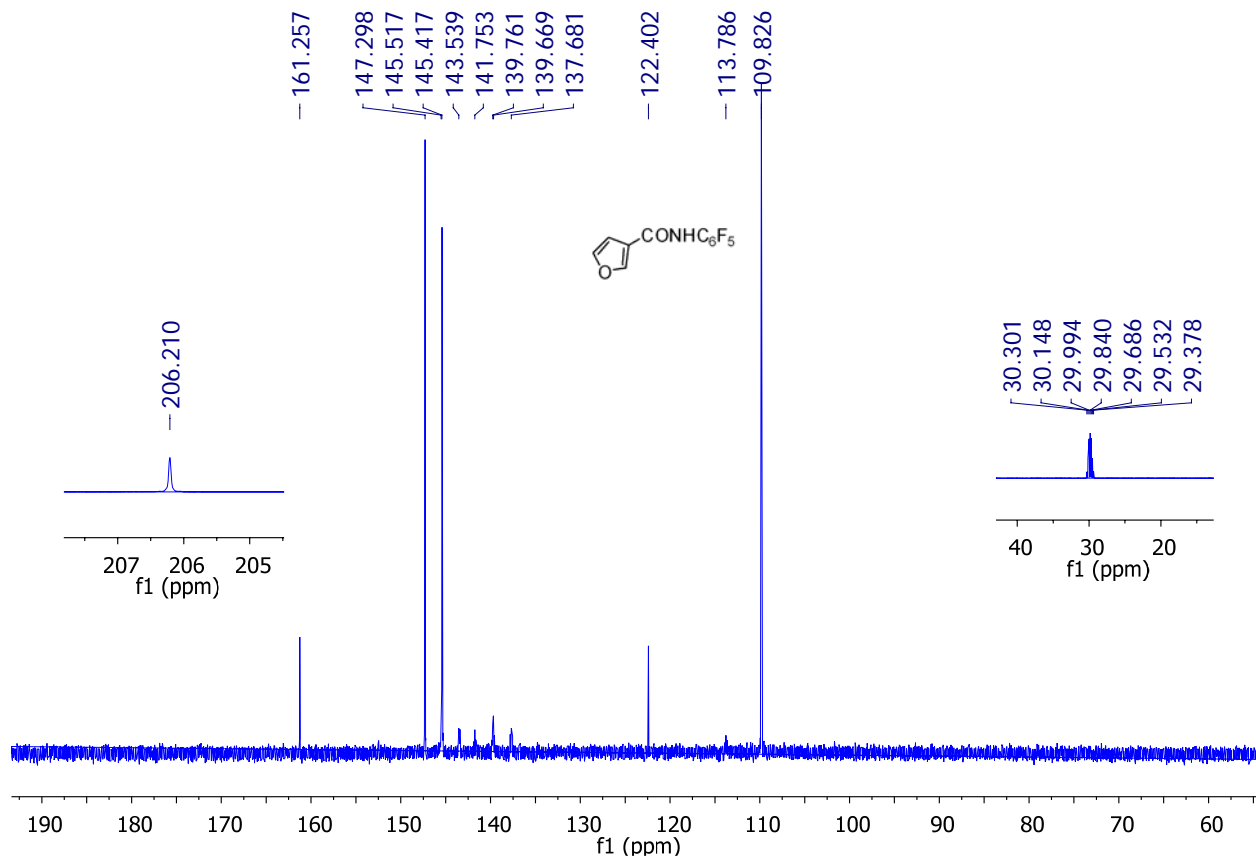


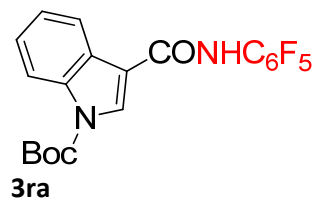
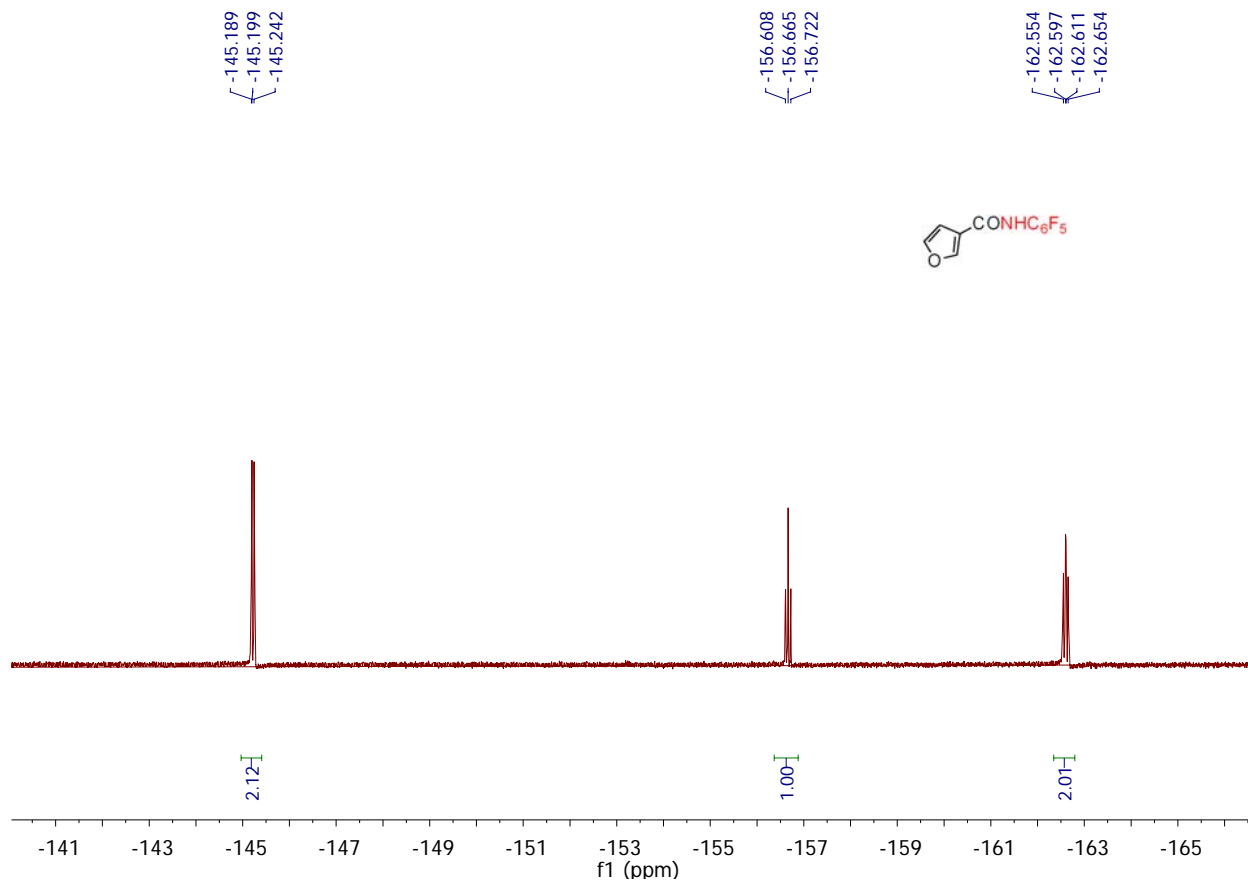


3qa

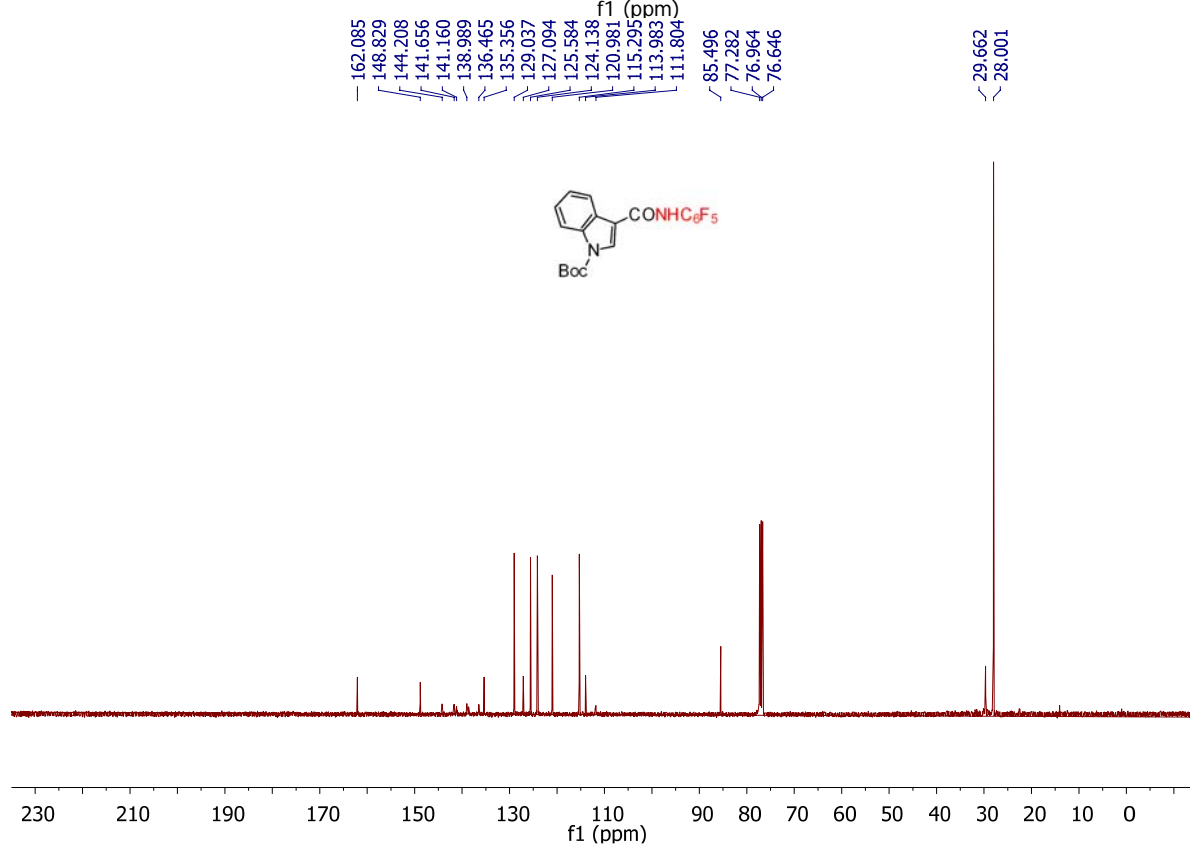
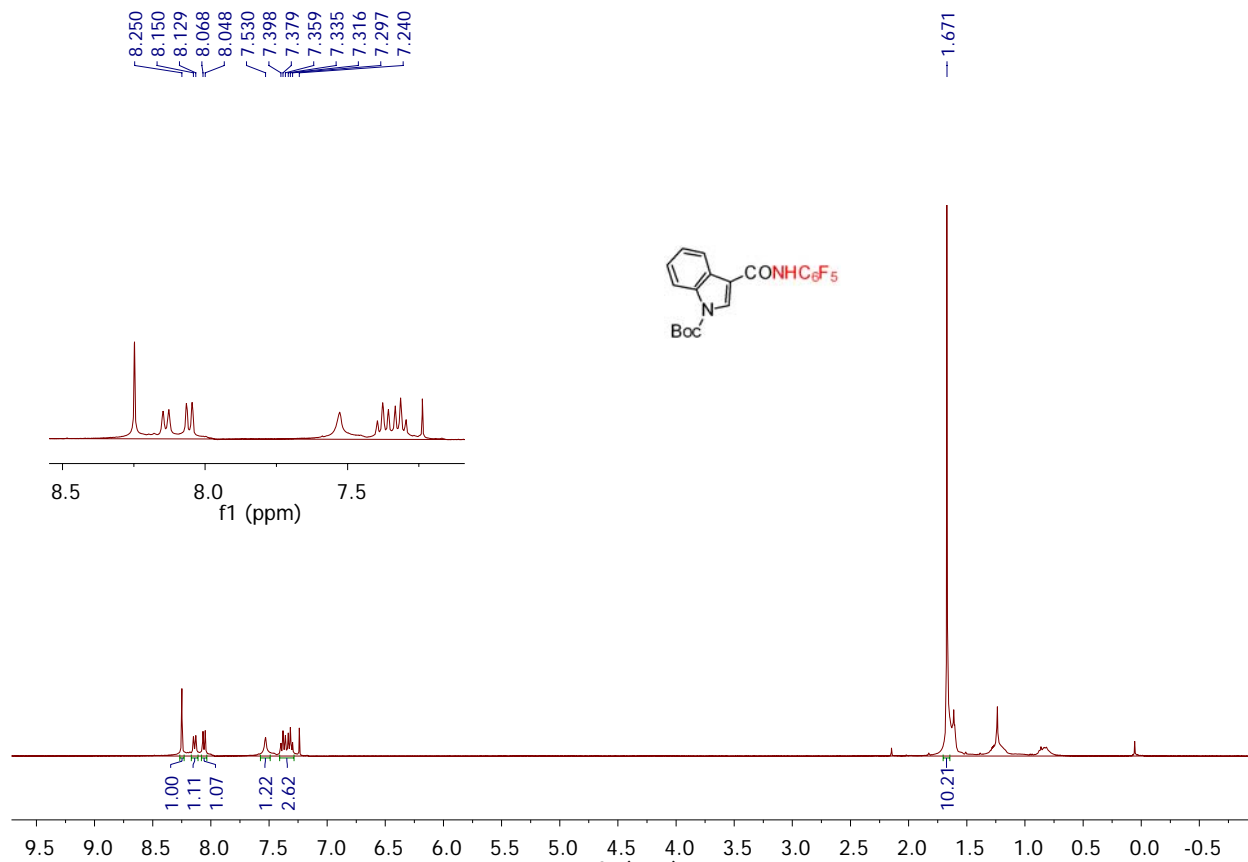
### NMR of compound 3qa

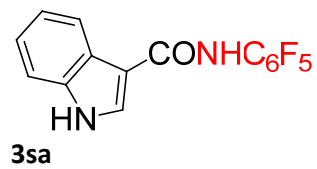
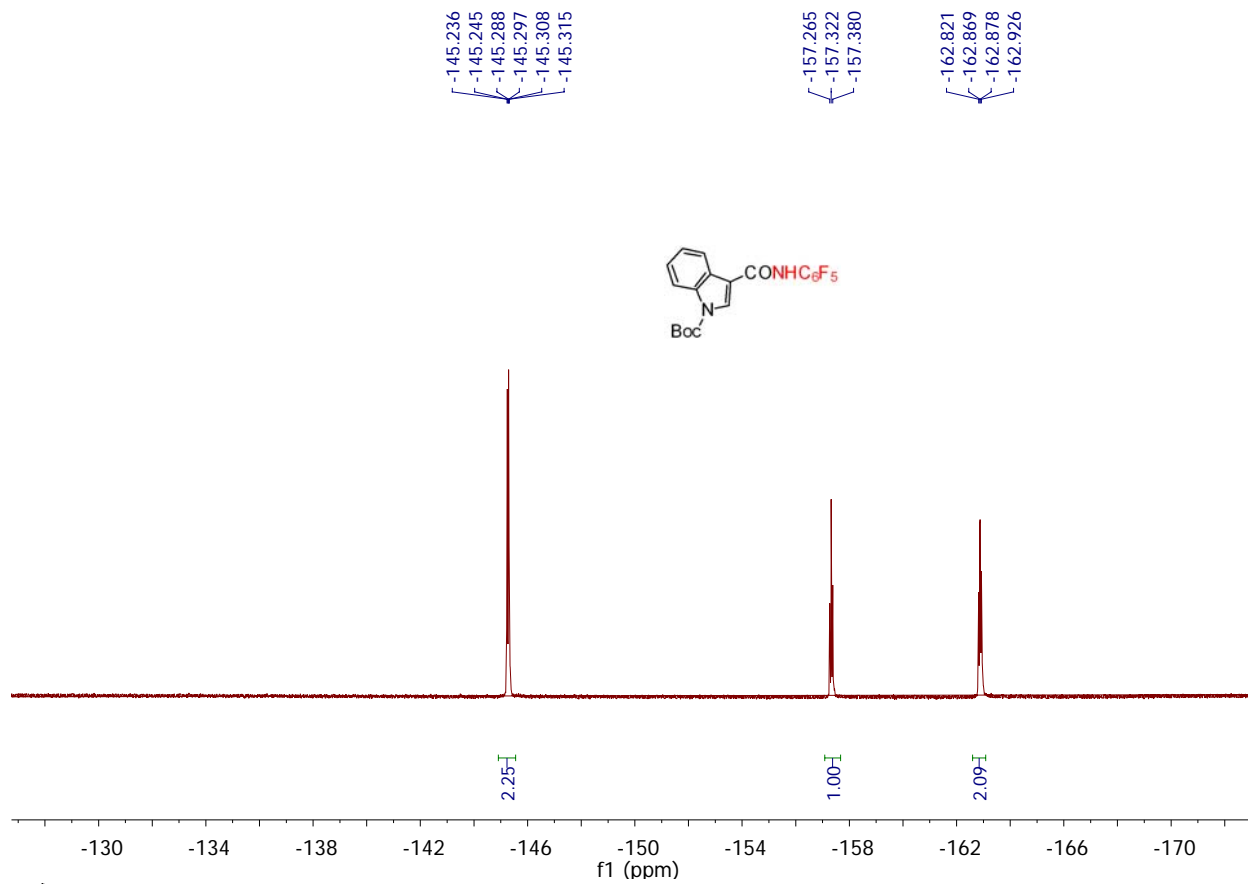




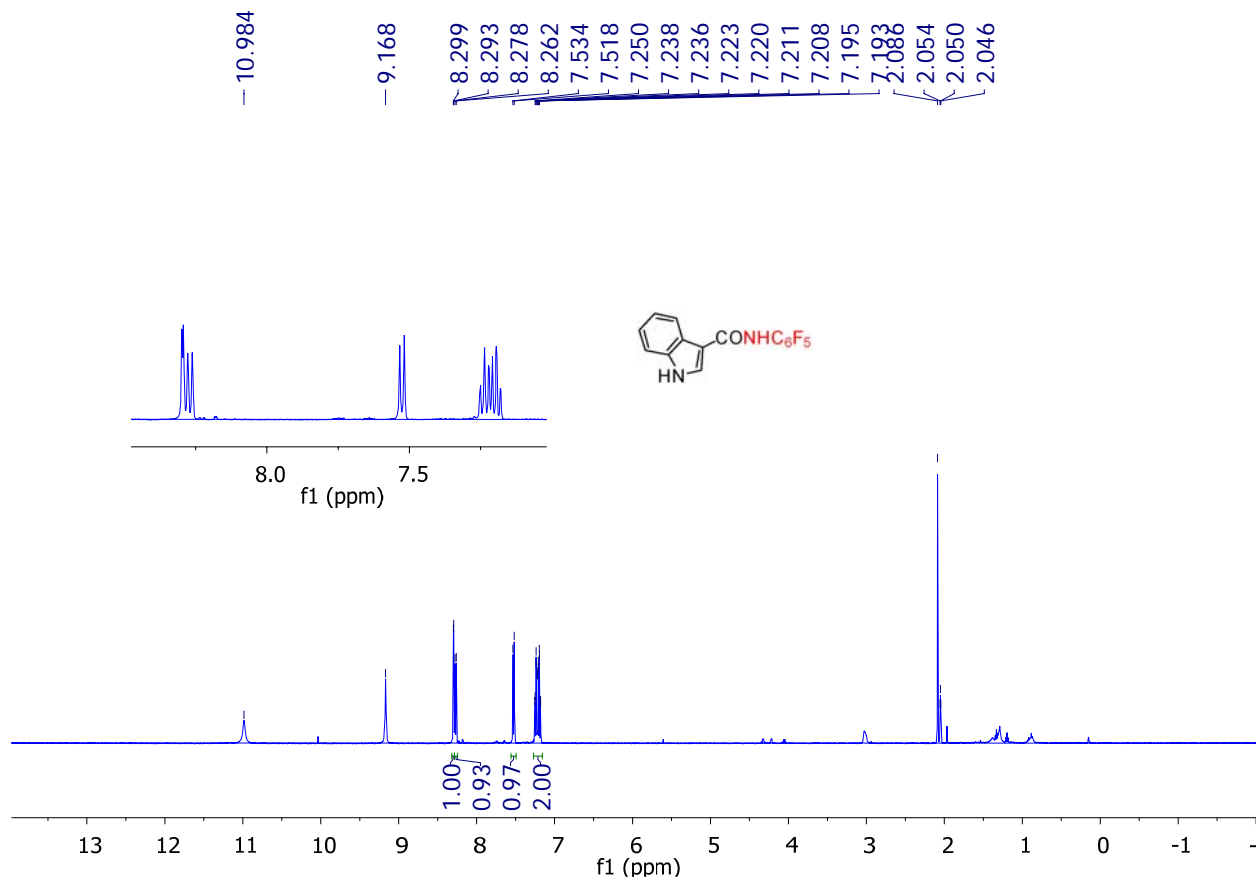


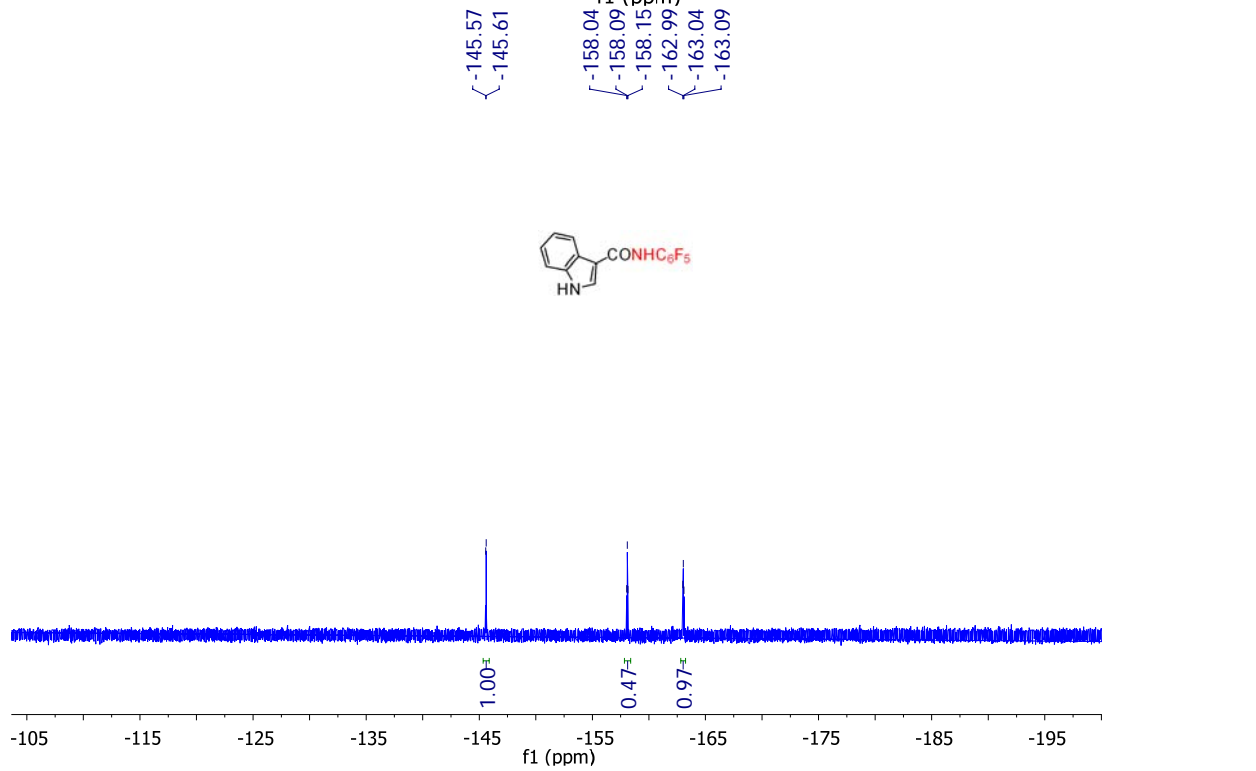
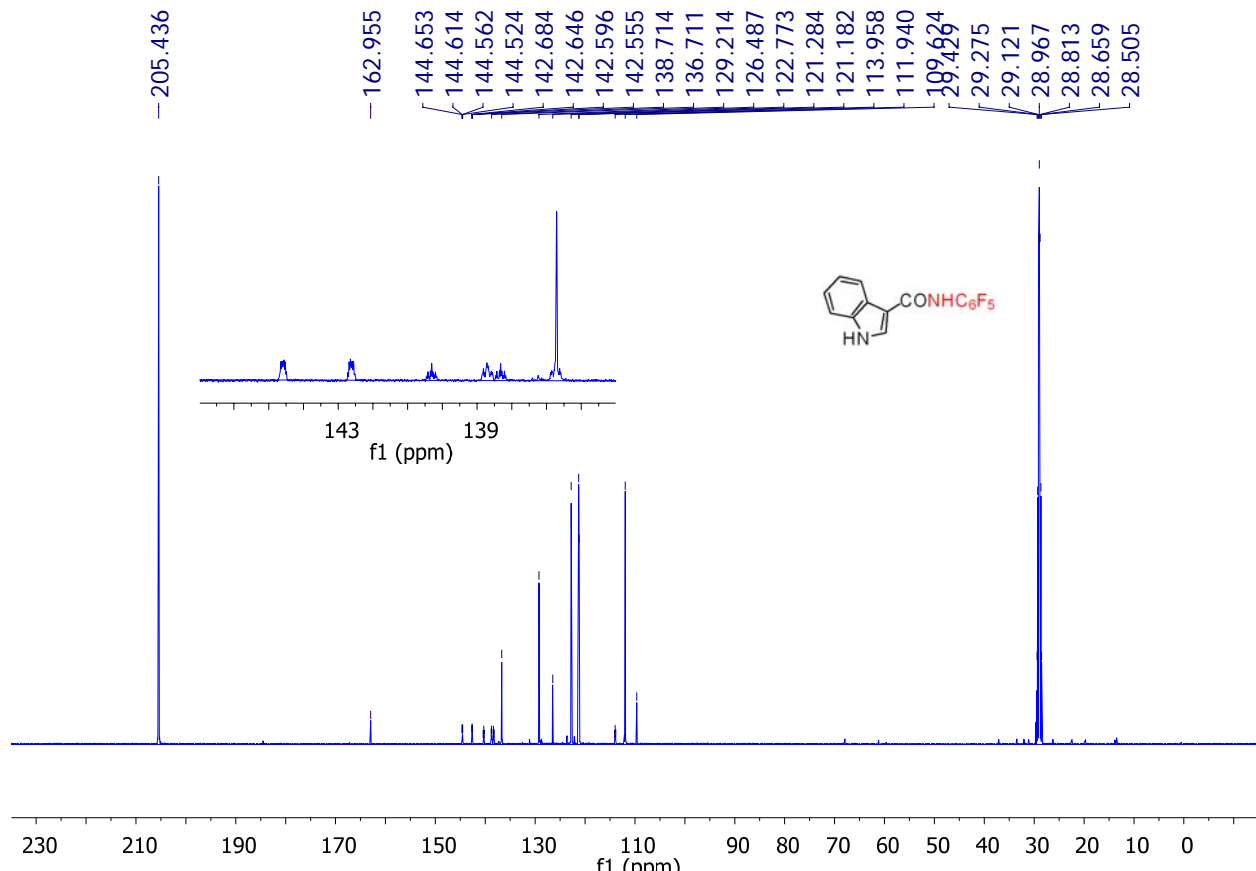
NMR of compound 3ra

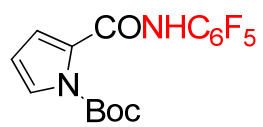




**NMR of compound 3sa**

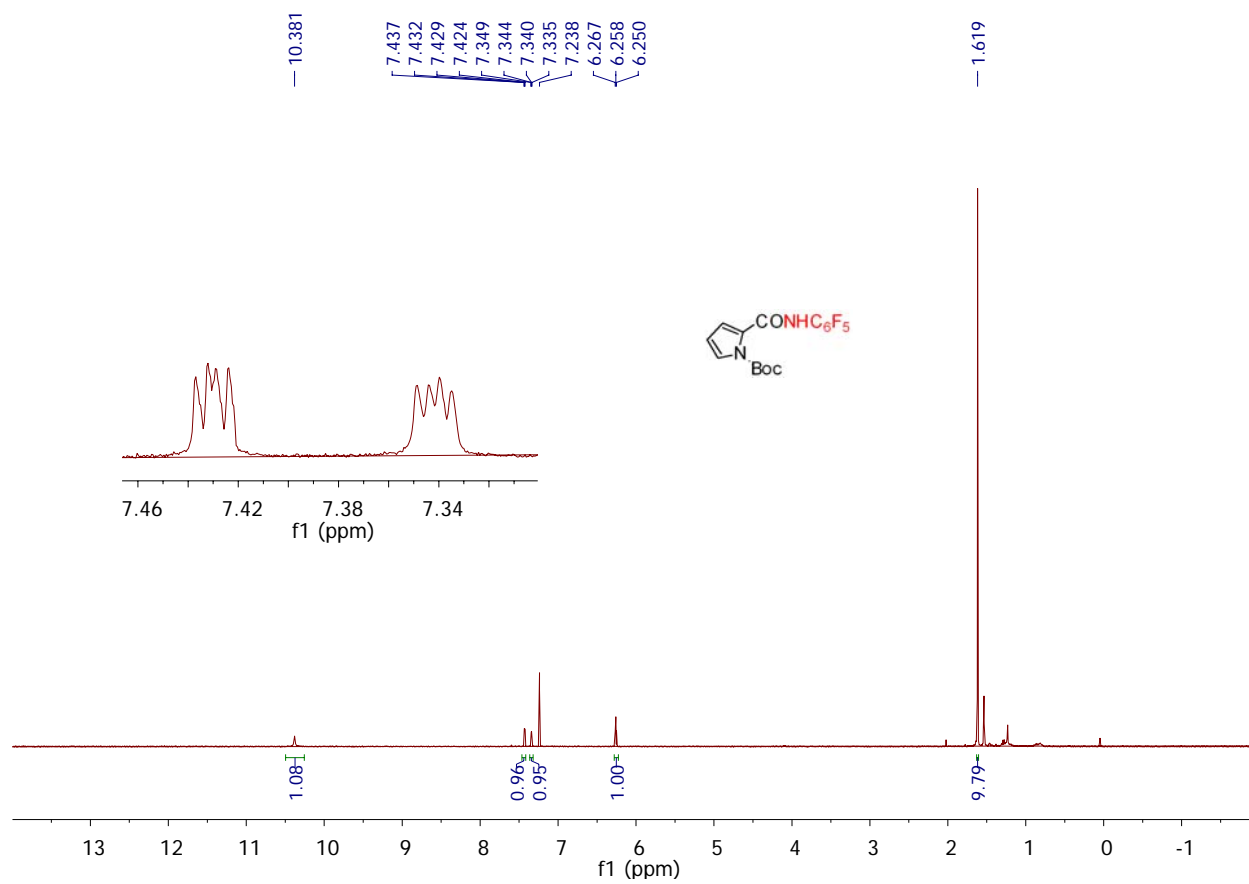




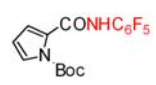
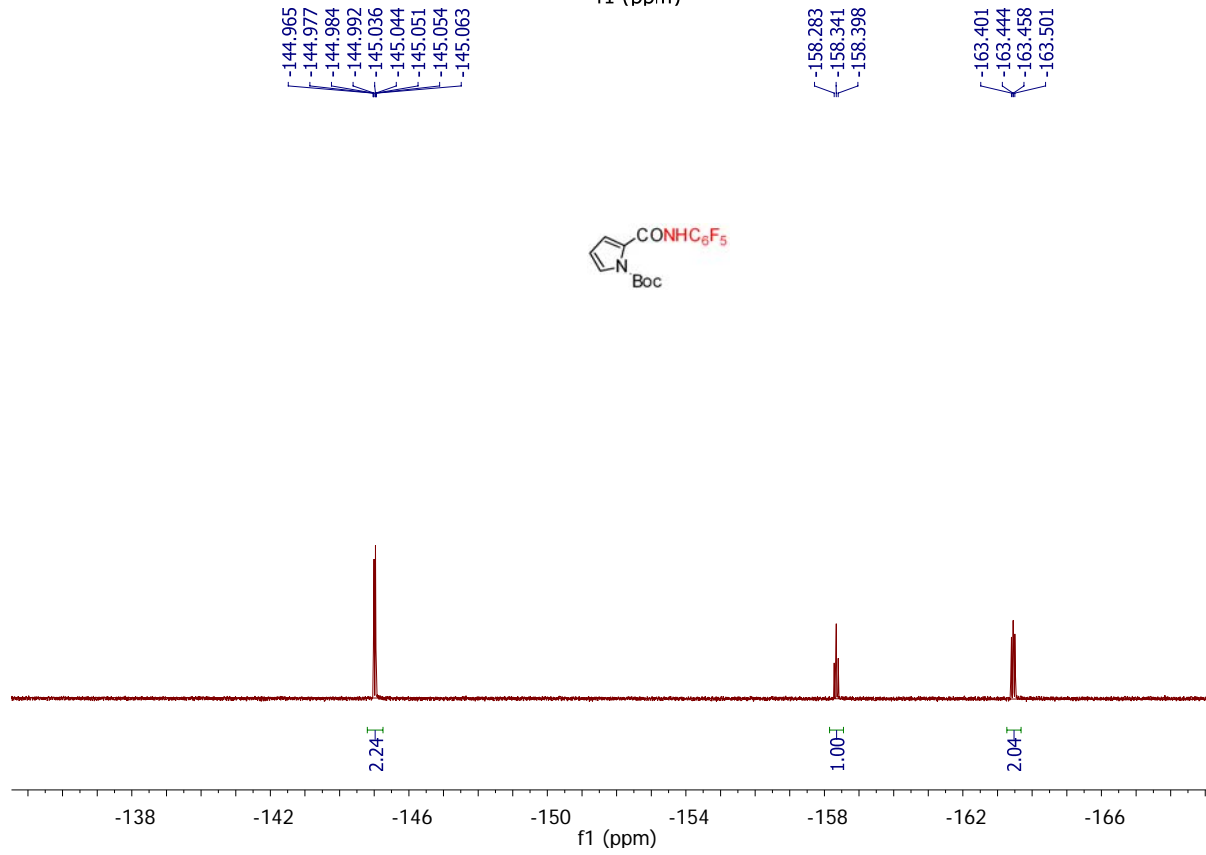
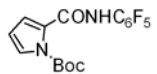
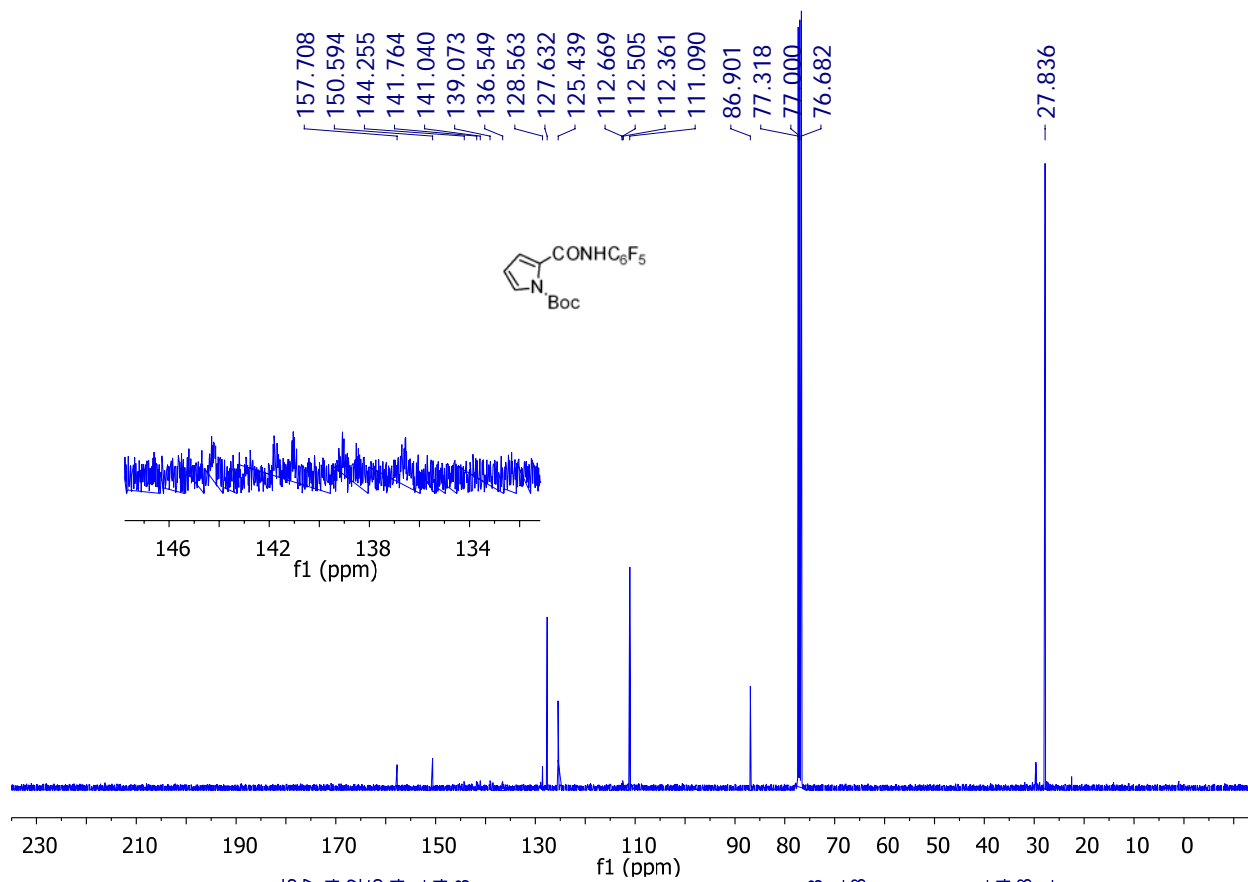


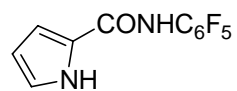
3ta

### NMR of compound 3ta



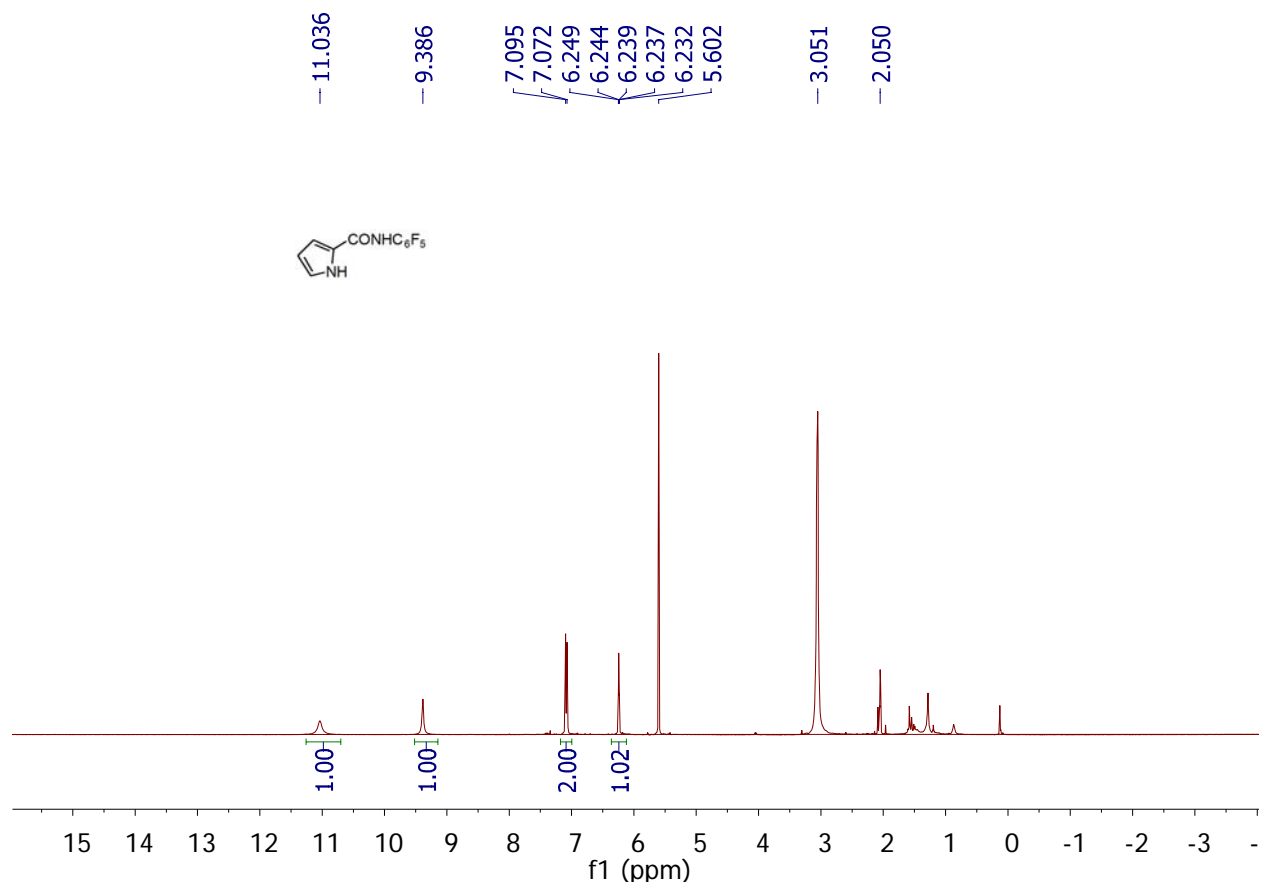


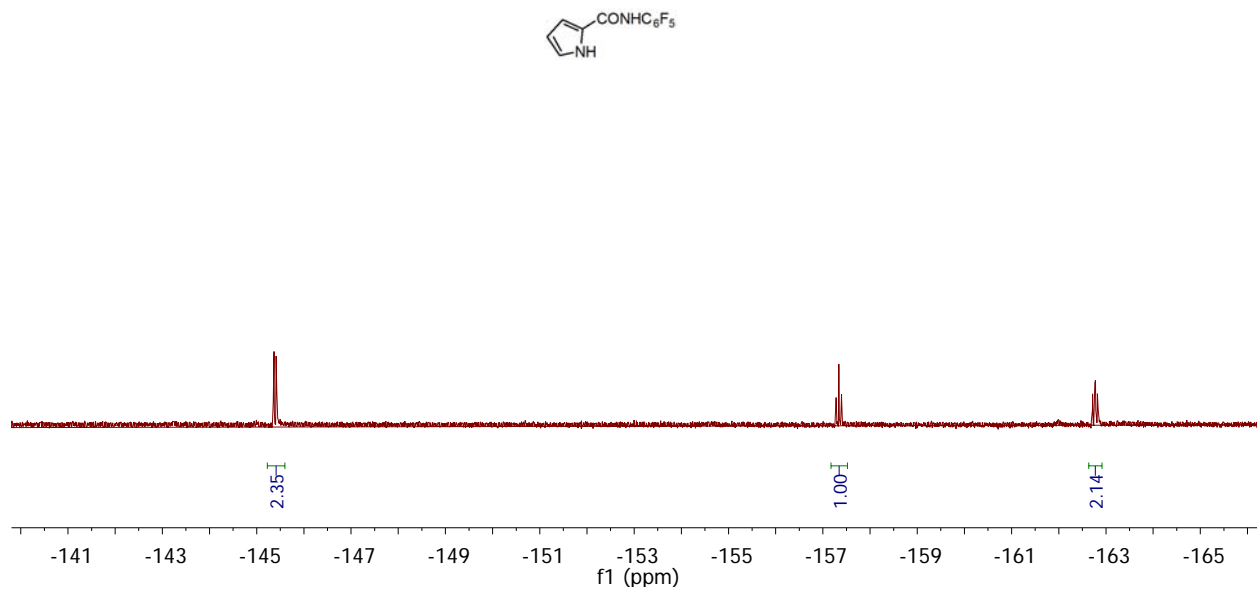
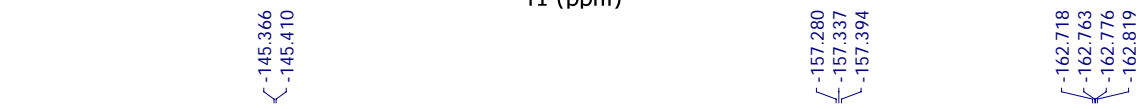
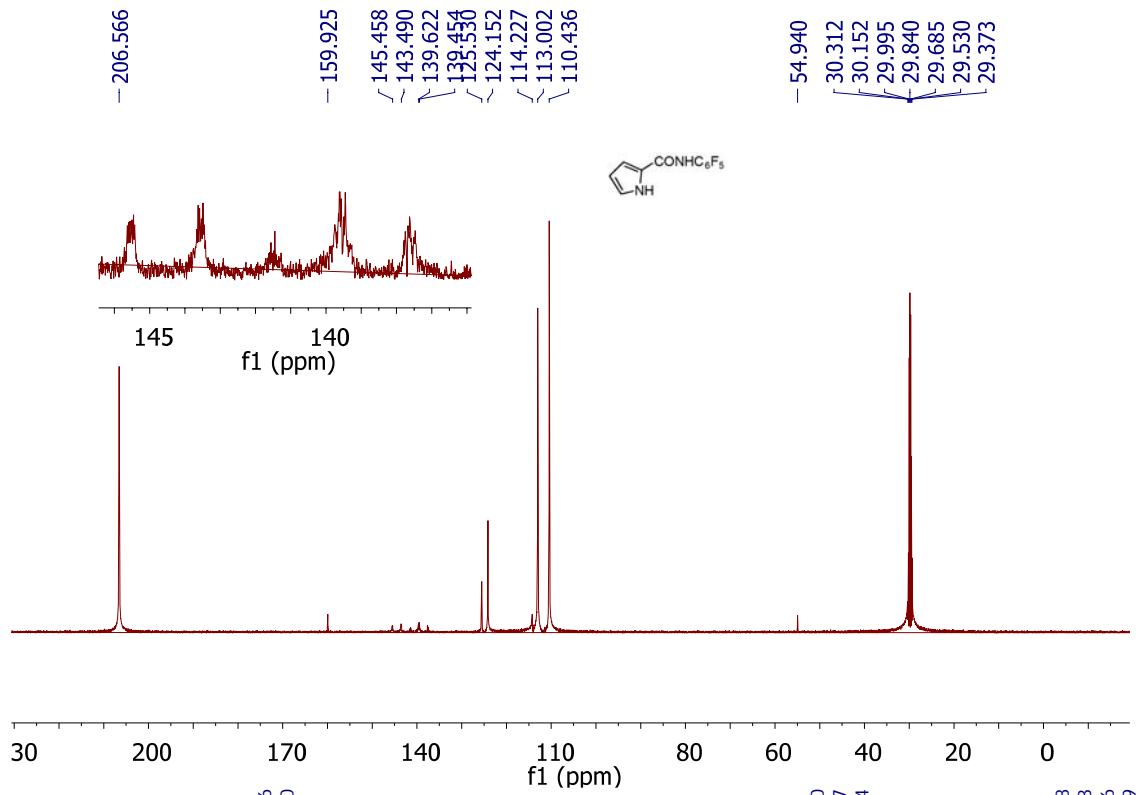




3ua

### NMR of compound 3sa

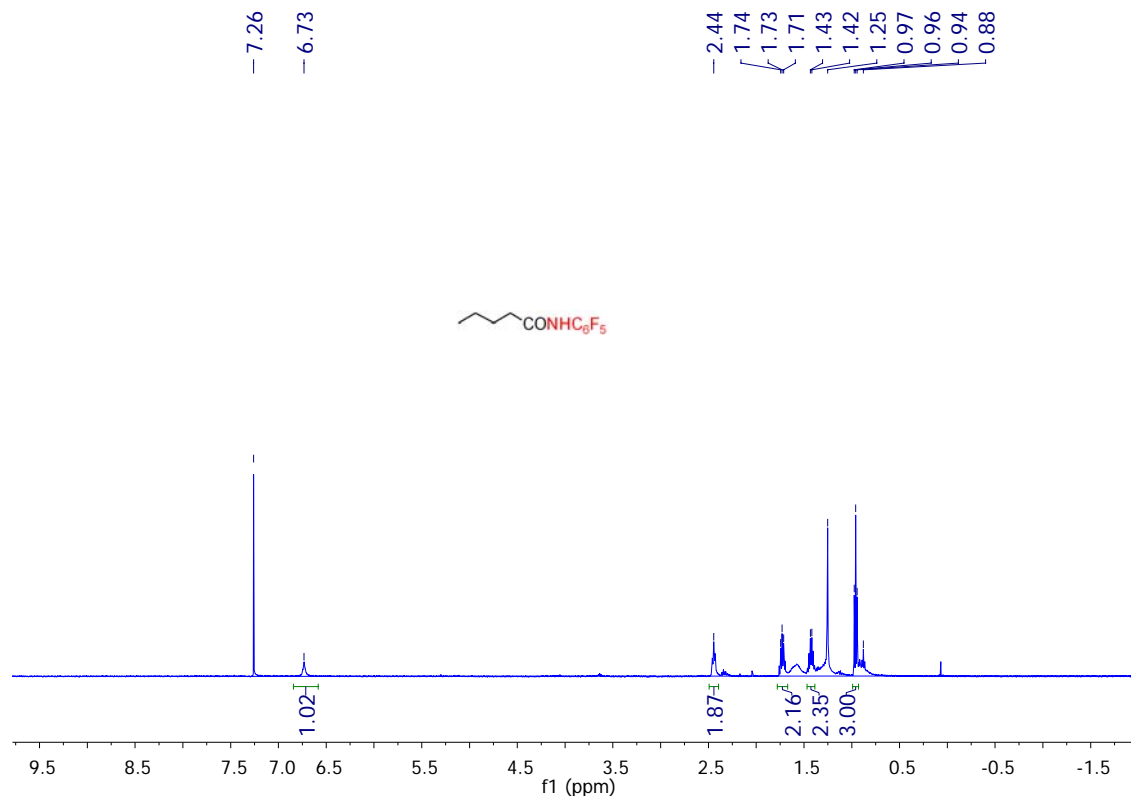


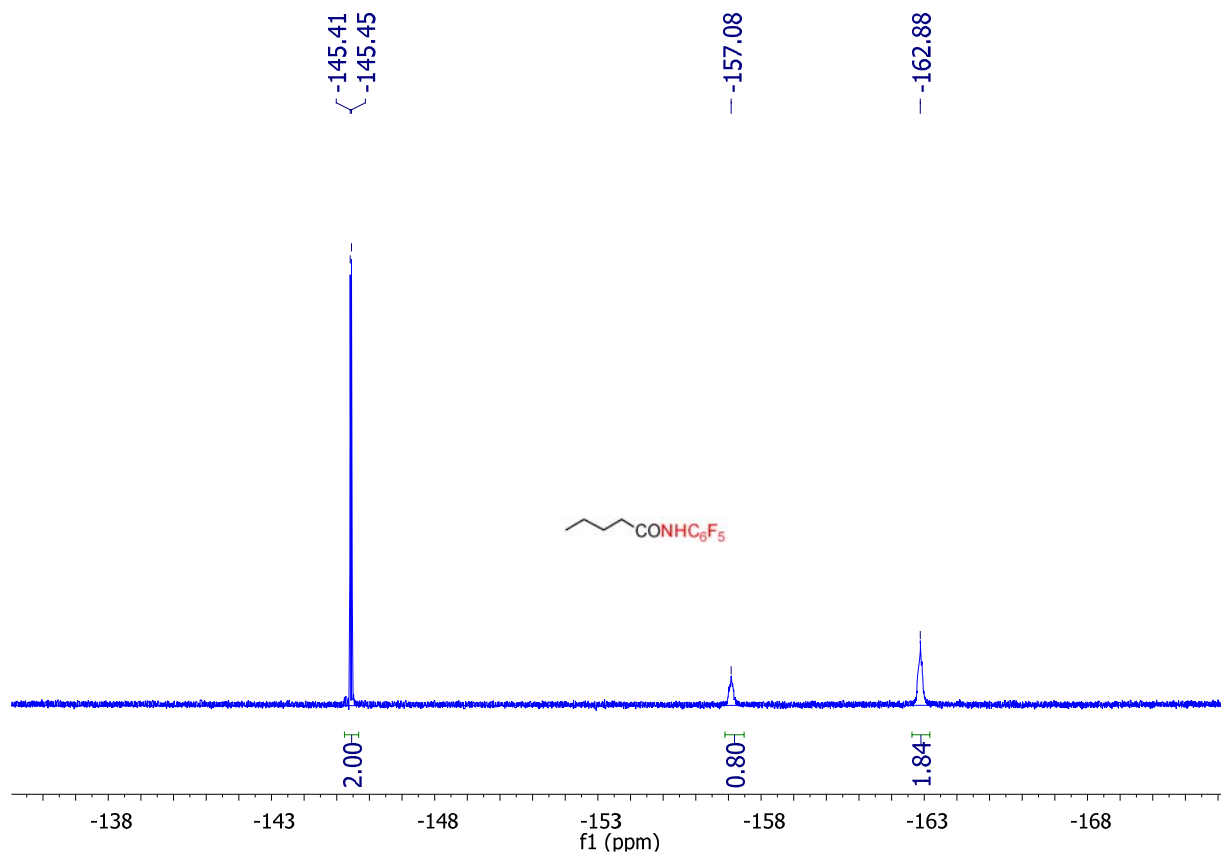
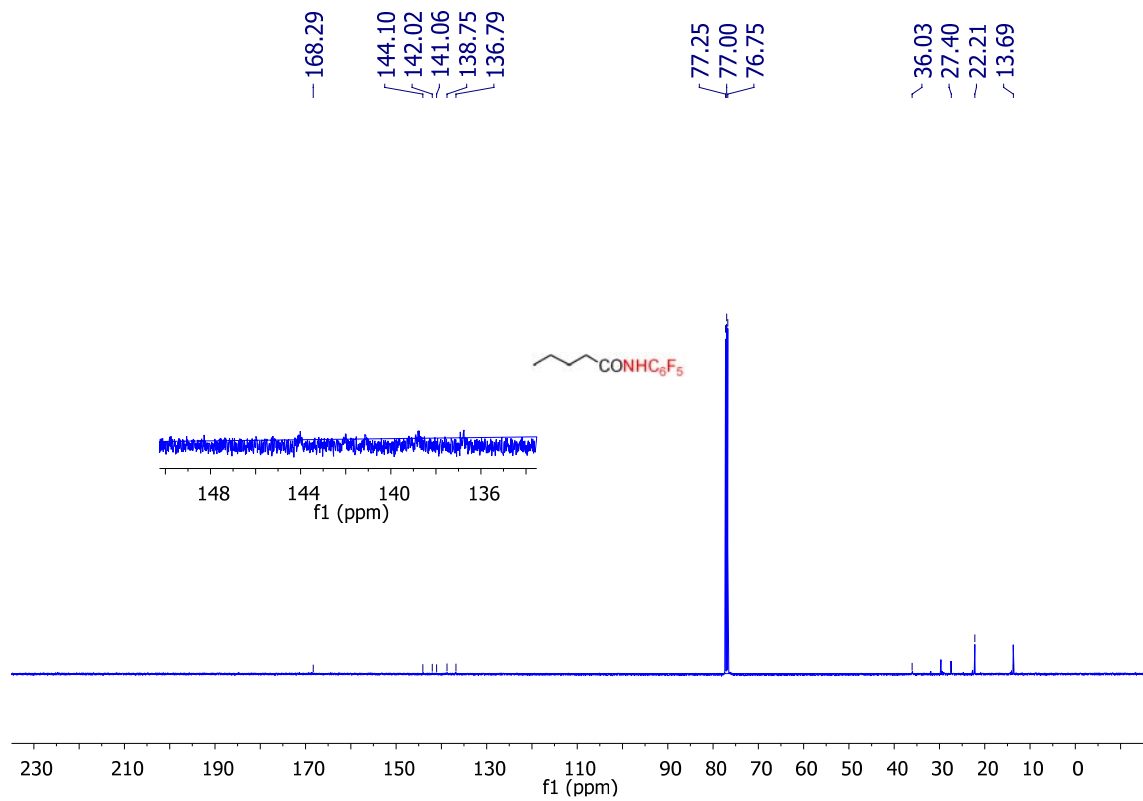


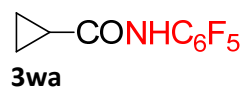


3va

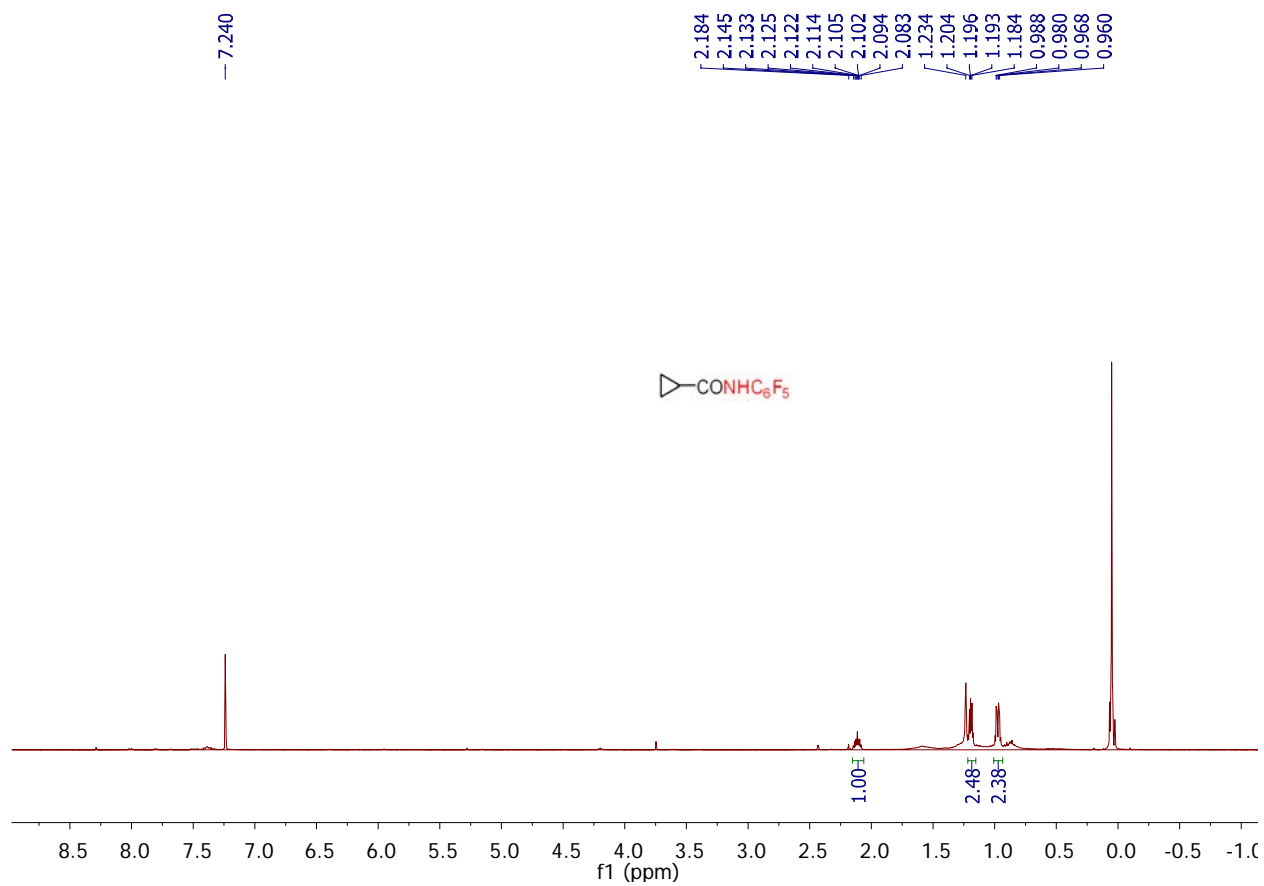
NMR of compound 3va

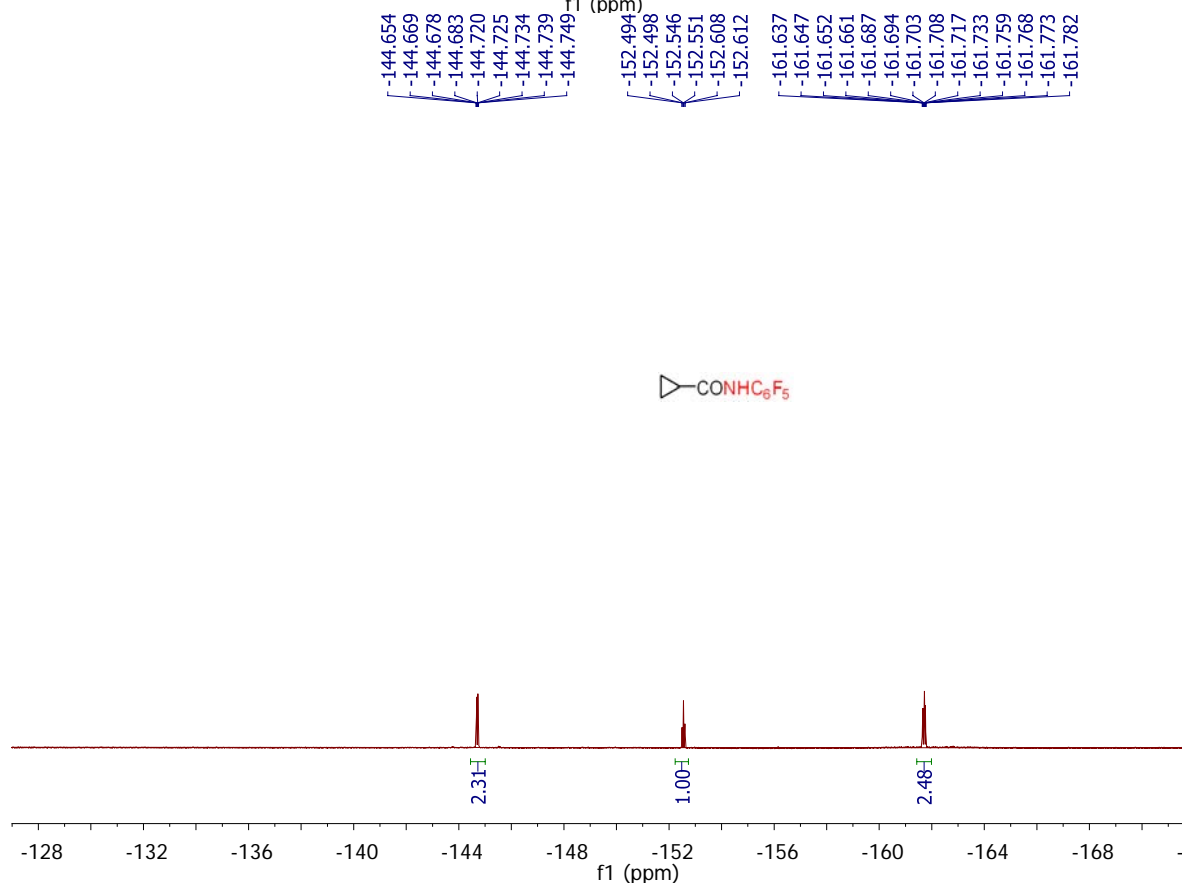
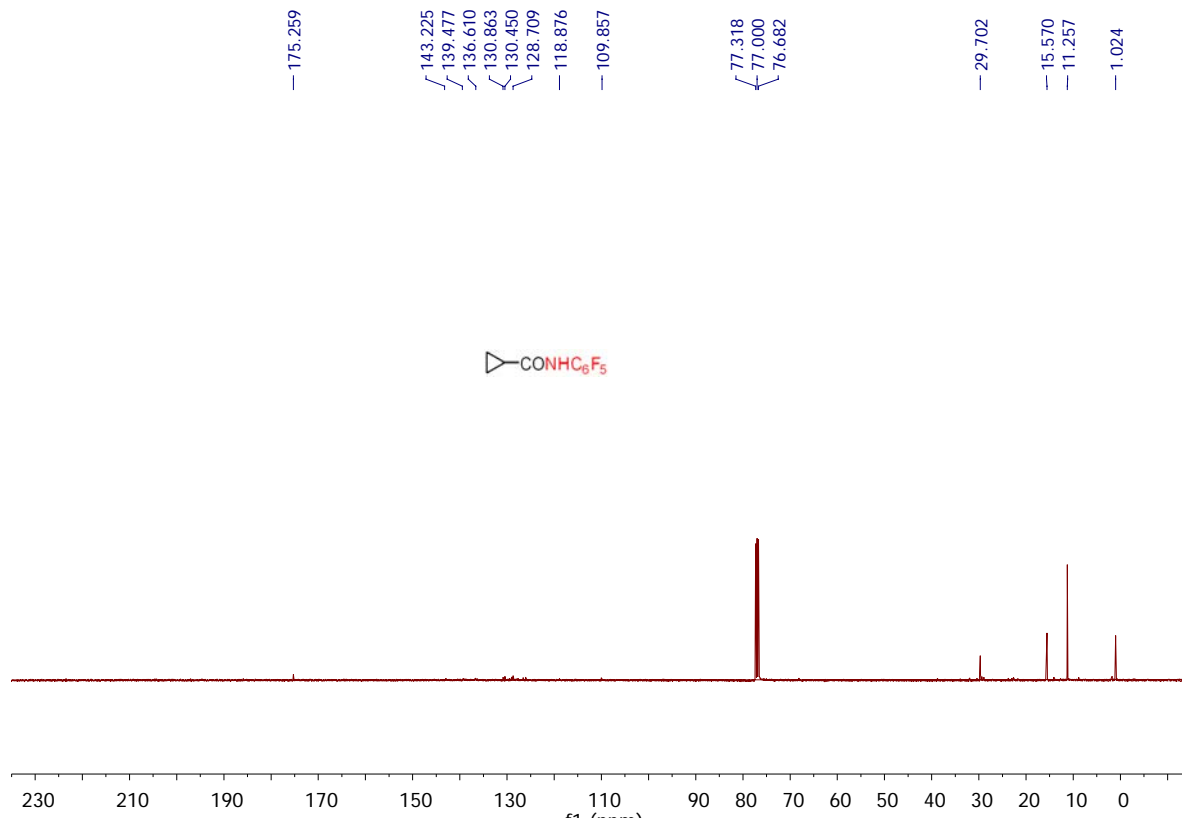


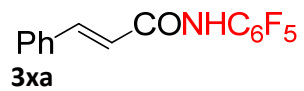




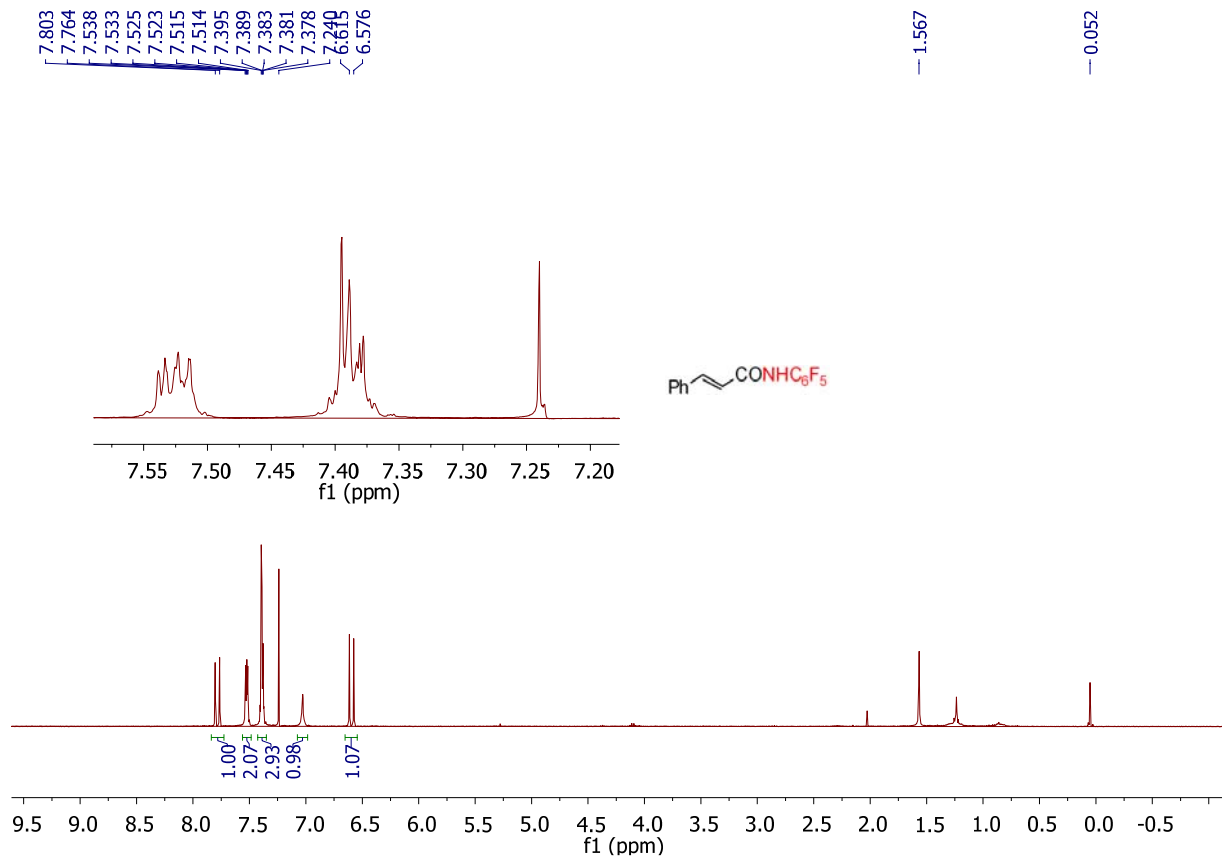
### NMR of compound 3wa



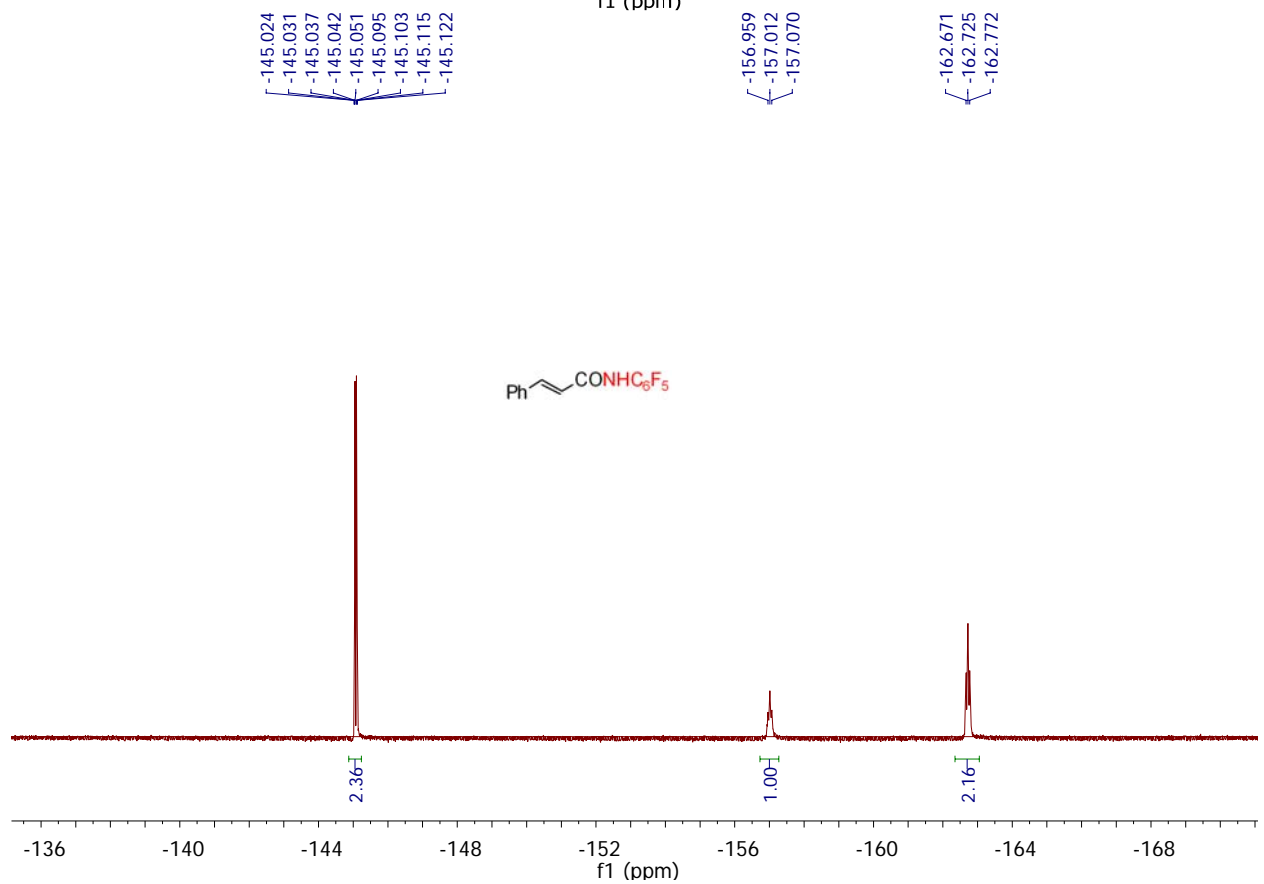
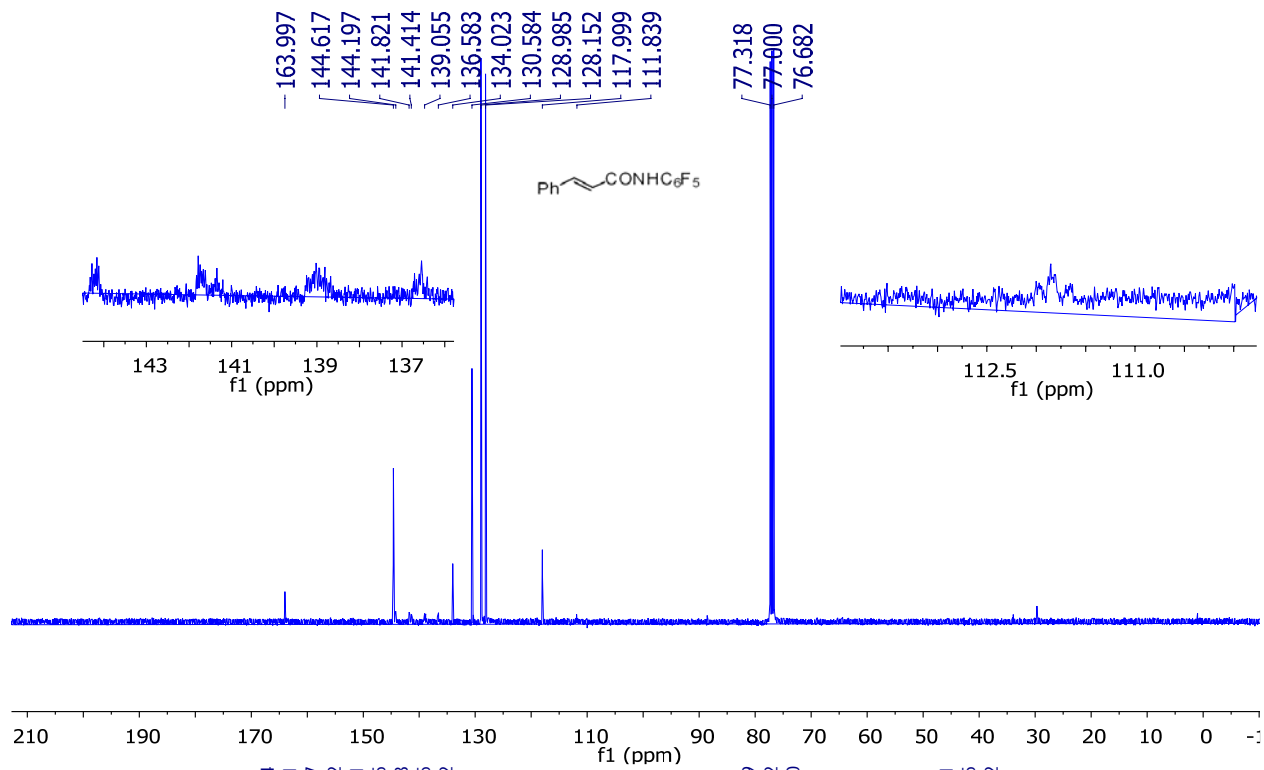


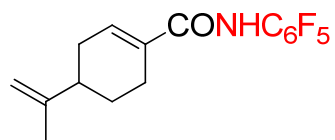


### NMR of compound 3xa



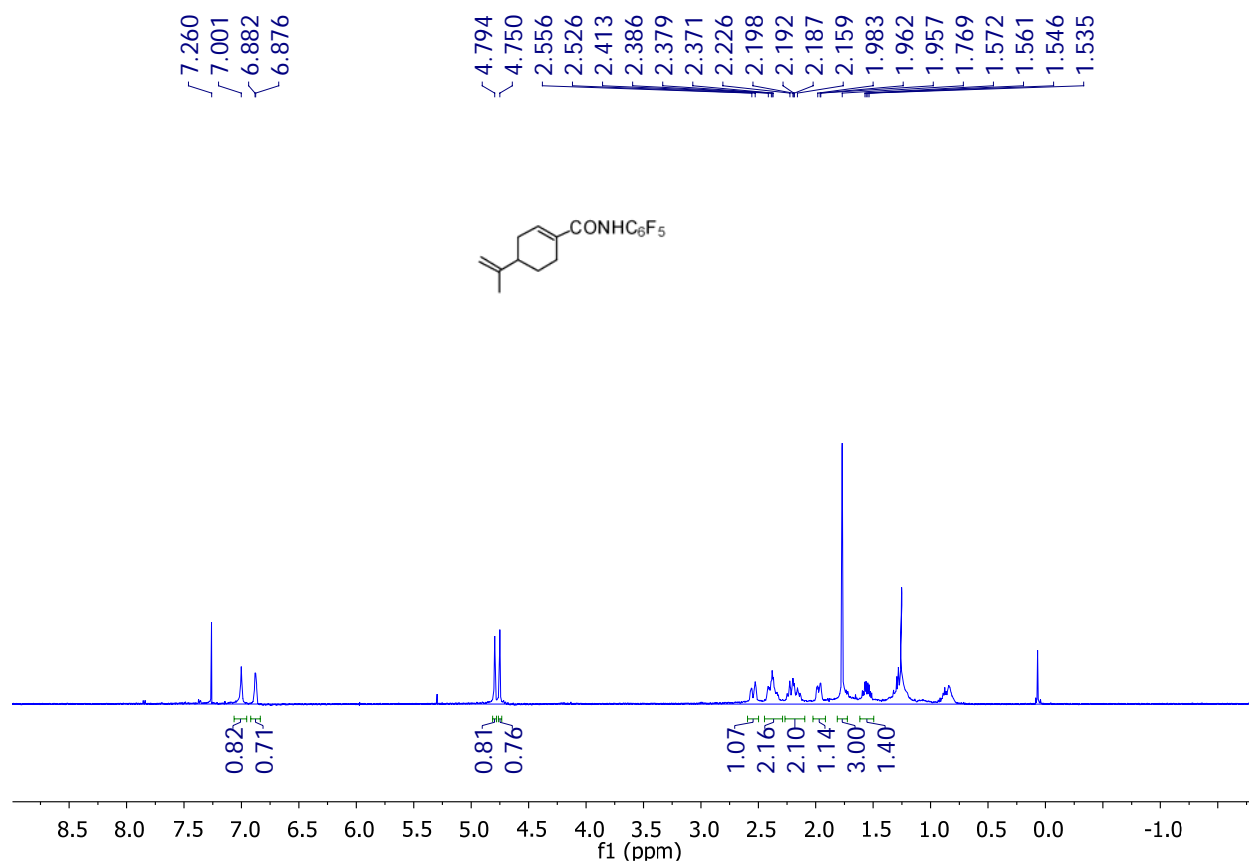


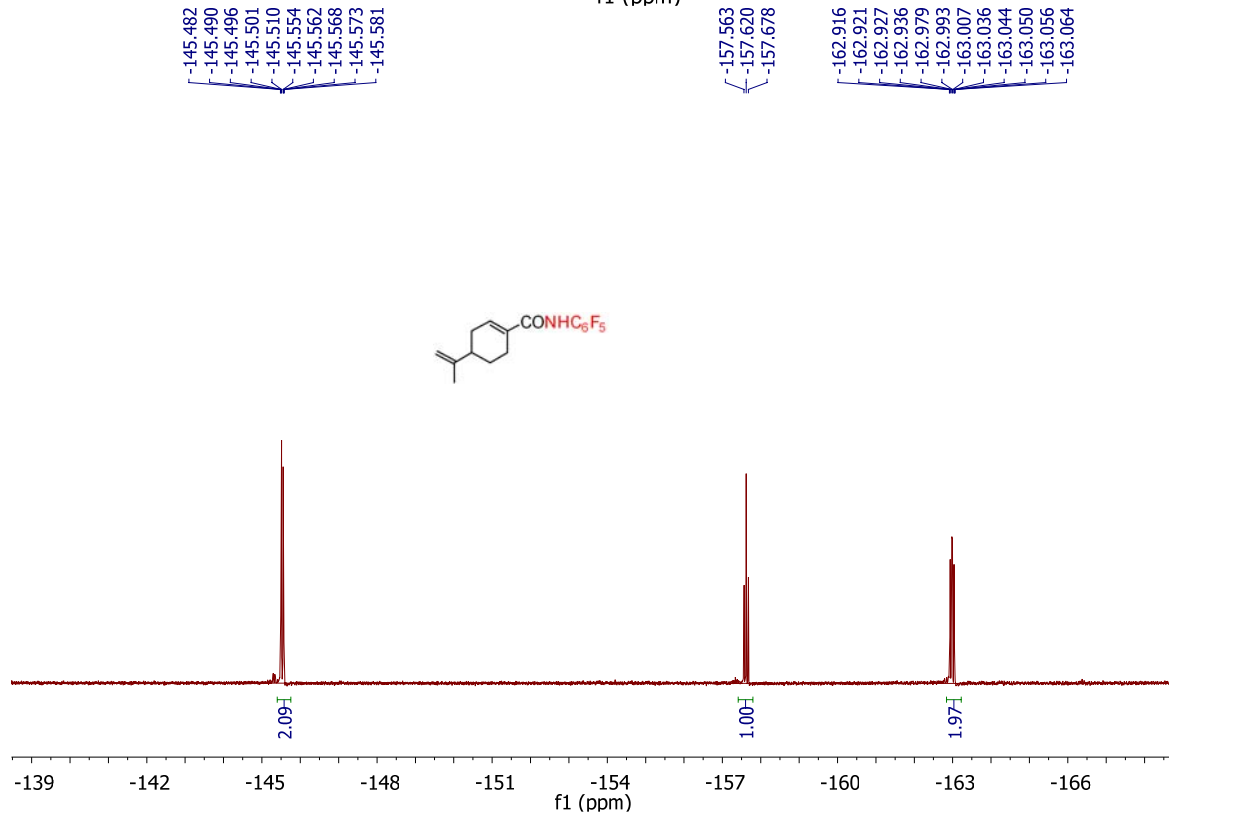
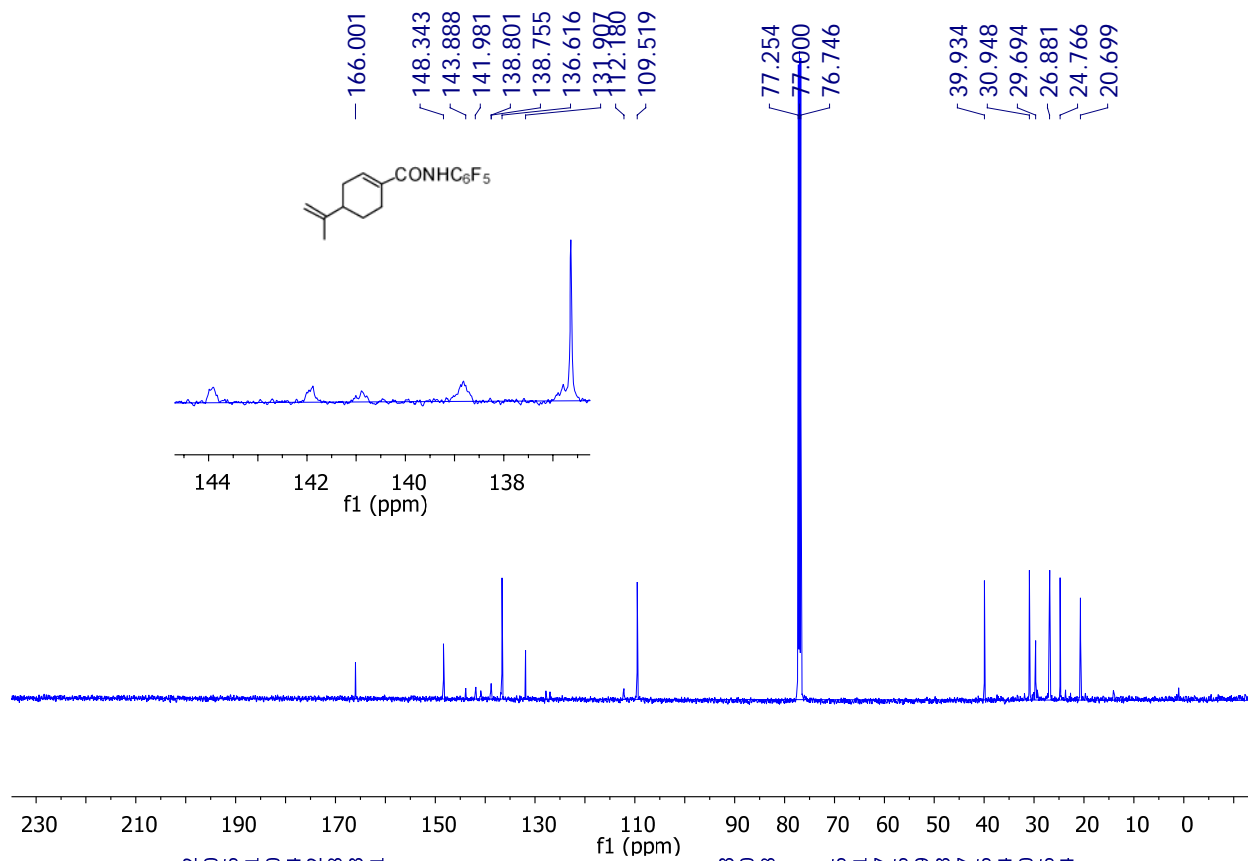


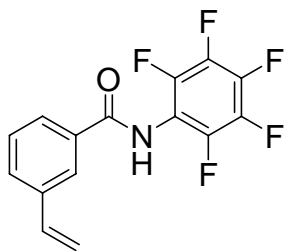


3ya

### NMR of compound 3ya

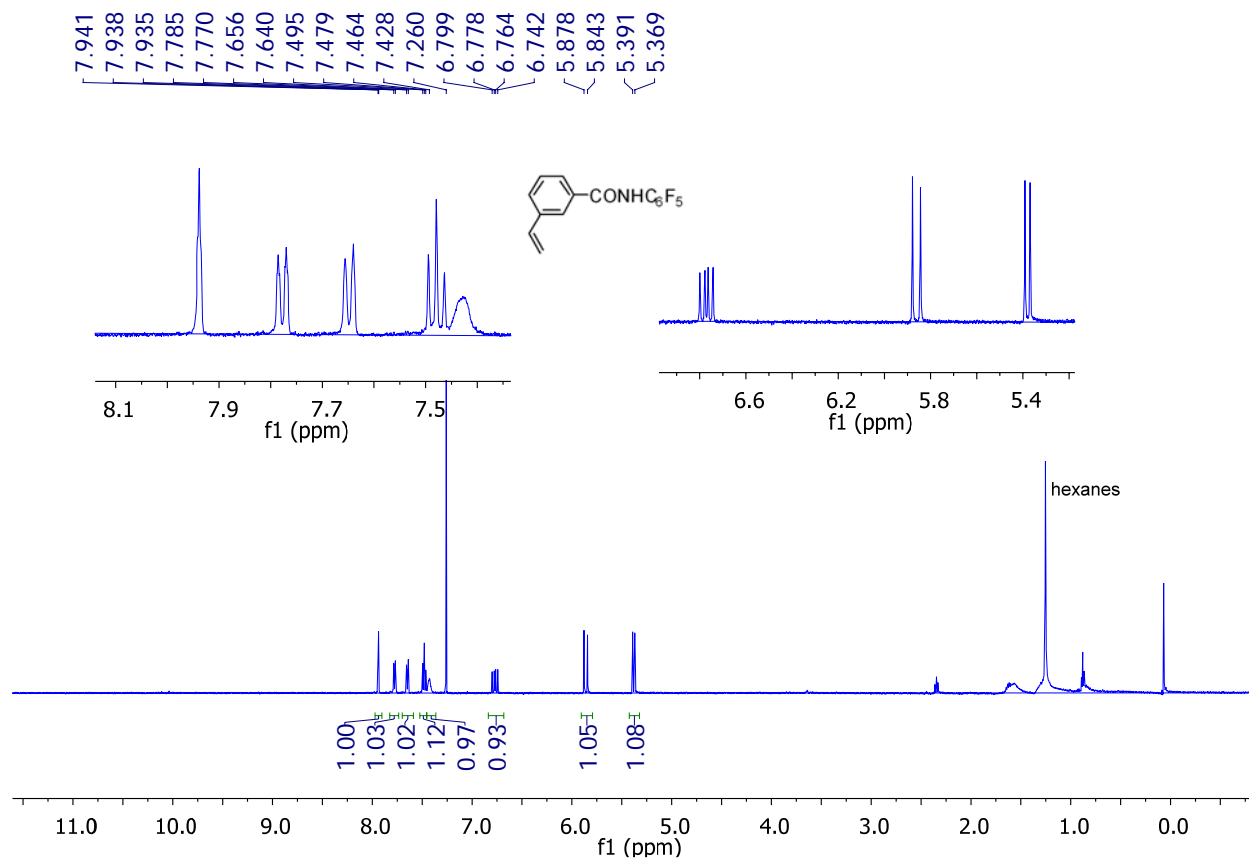


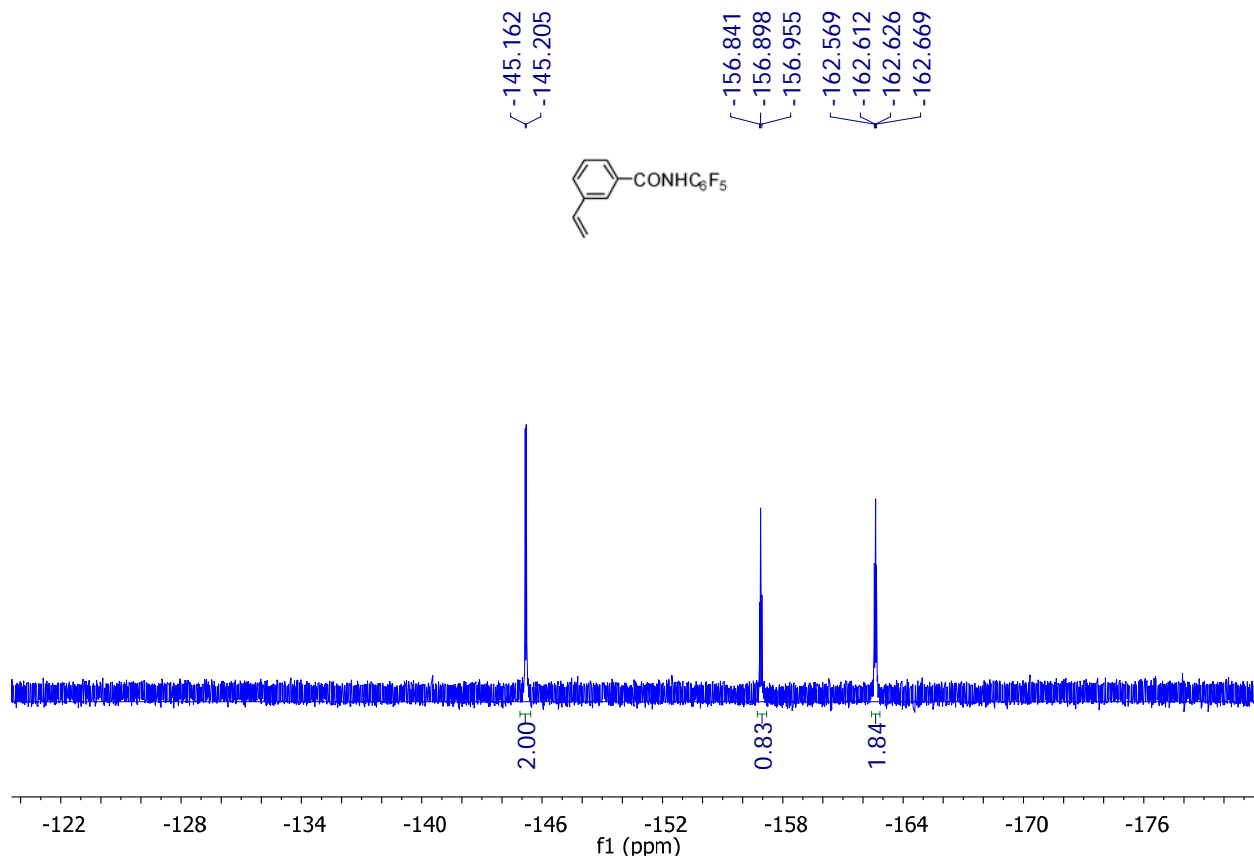
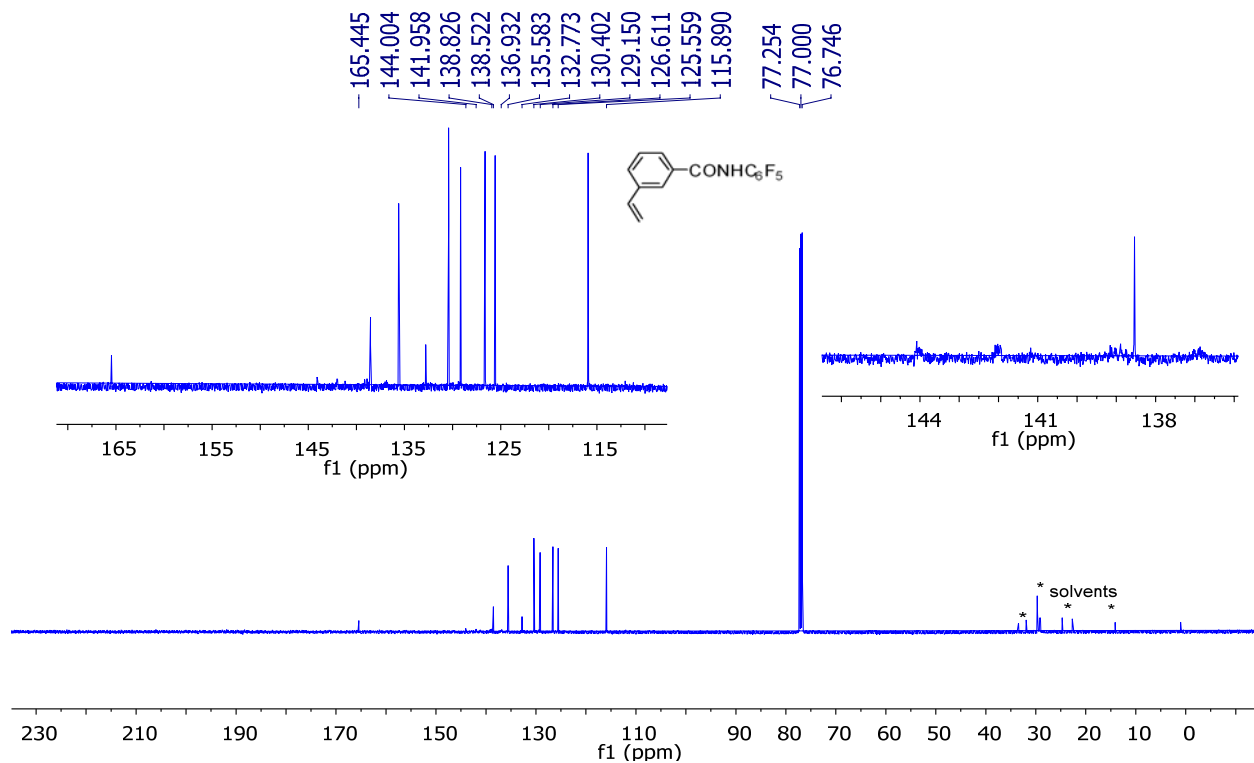


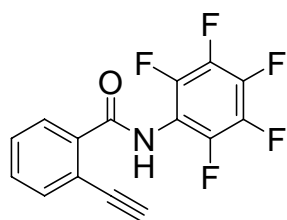


**3za**

**NMR of compound 3za**

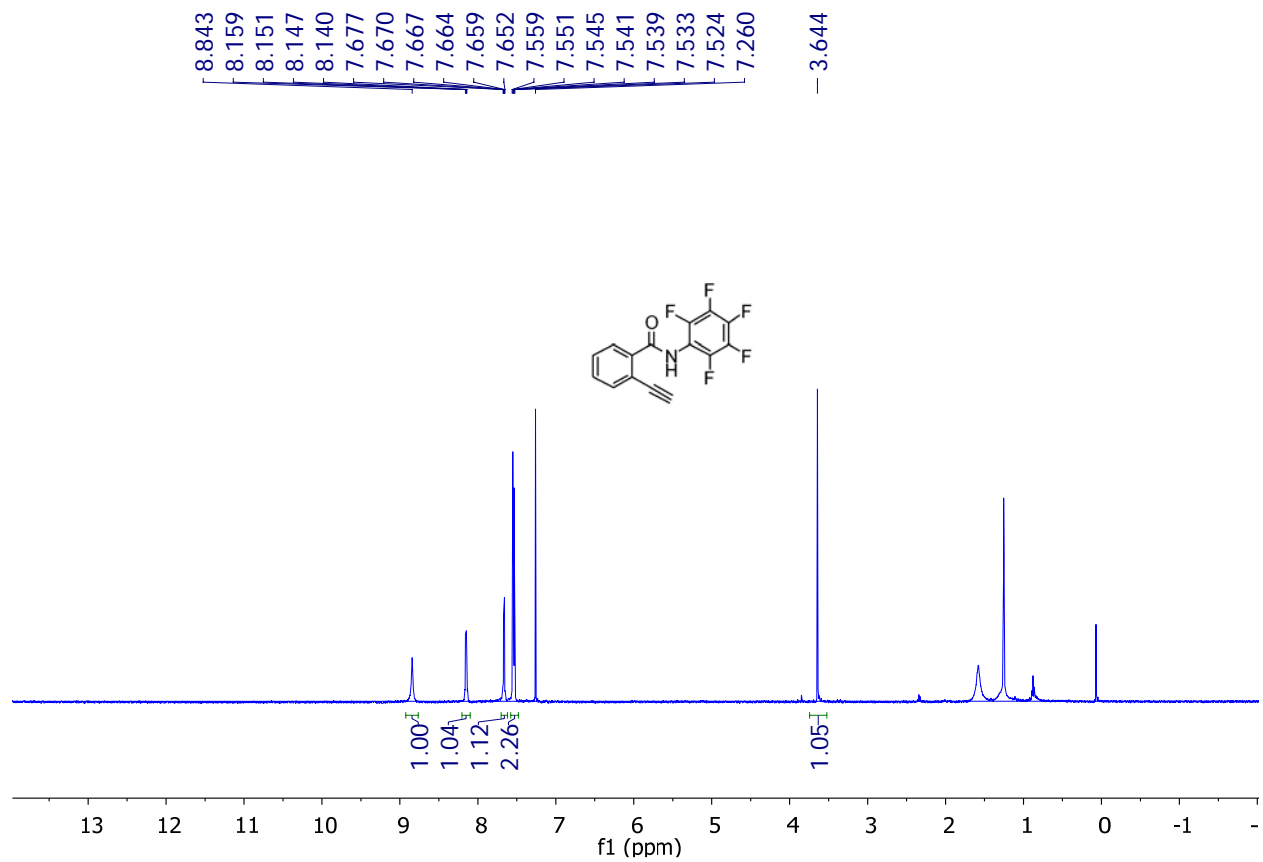


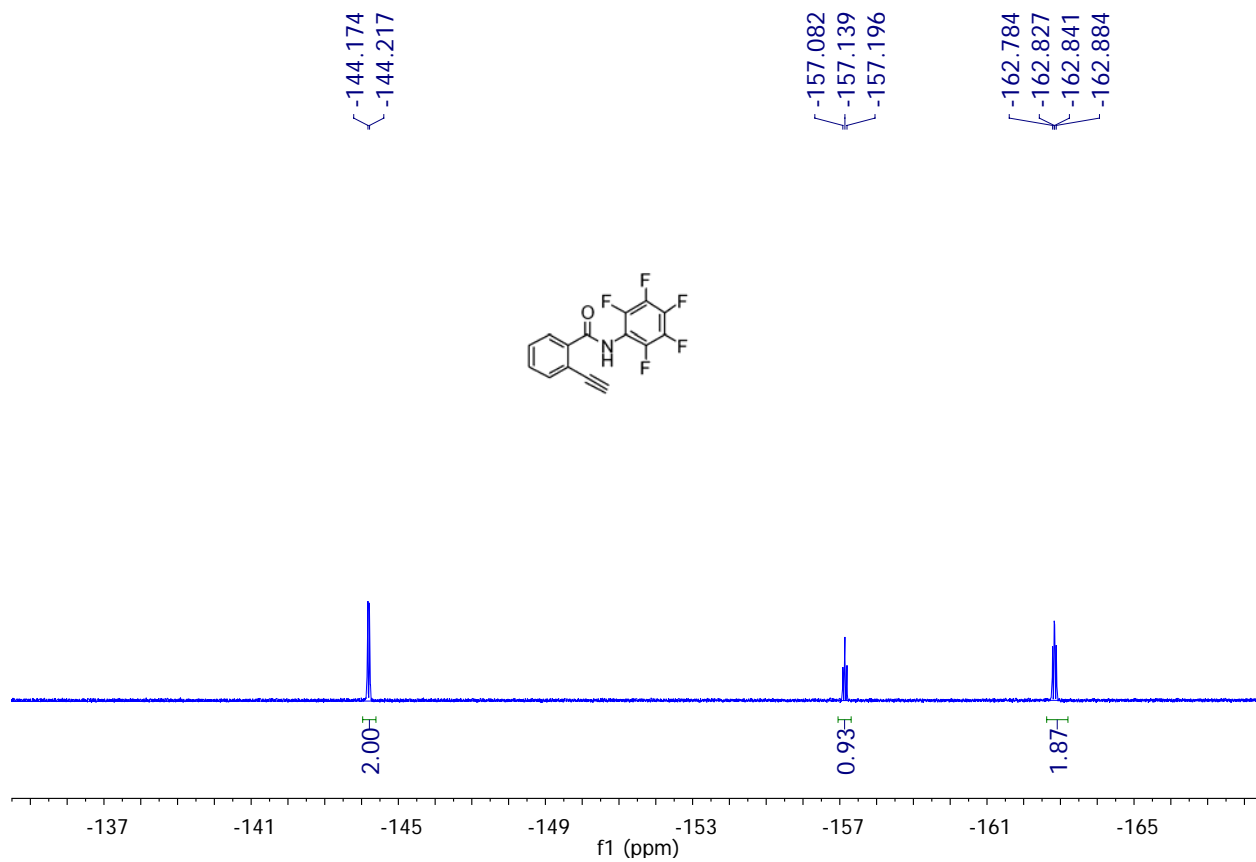
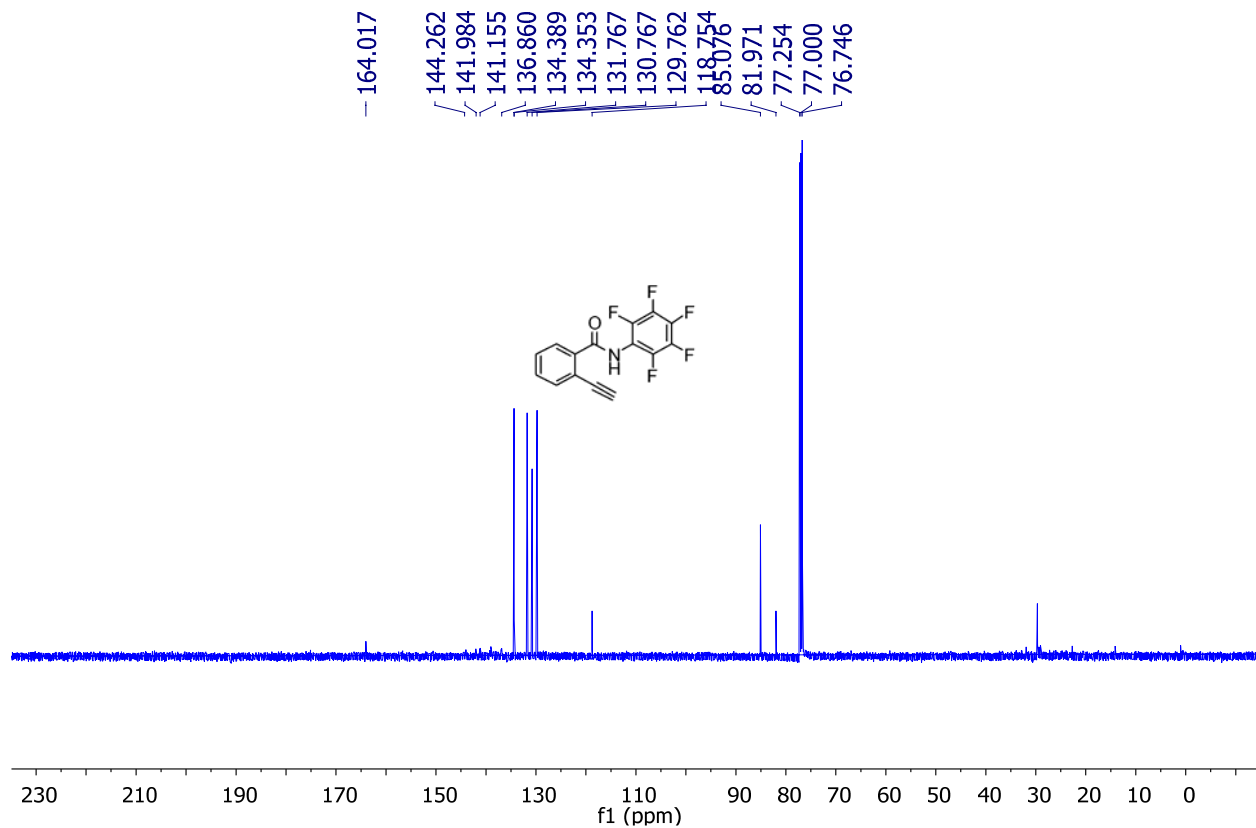


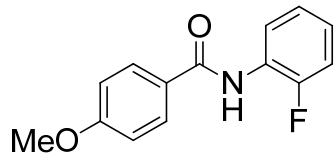


**3zaa**

**NMR of compound 3zaa**

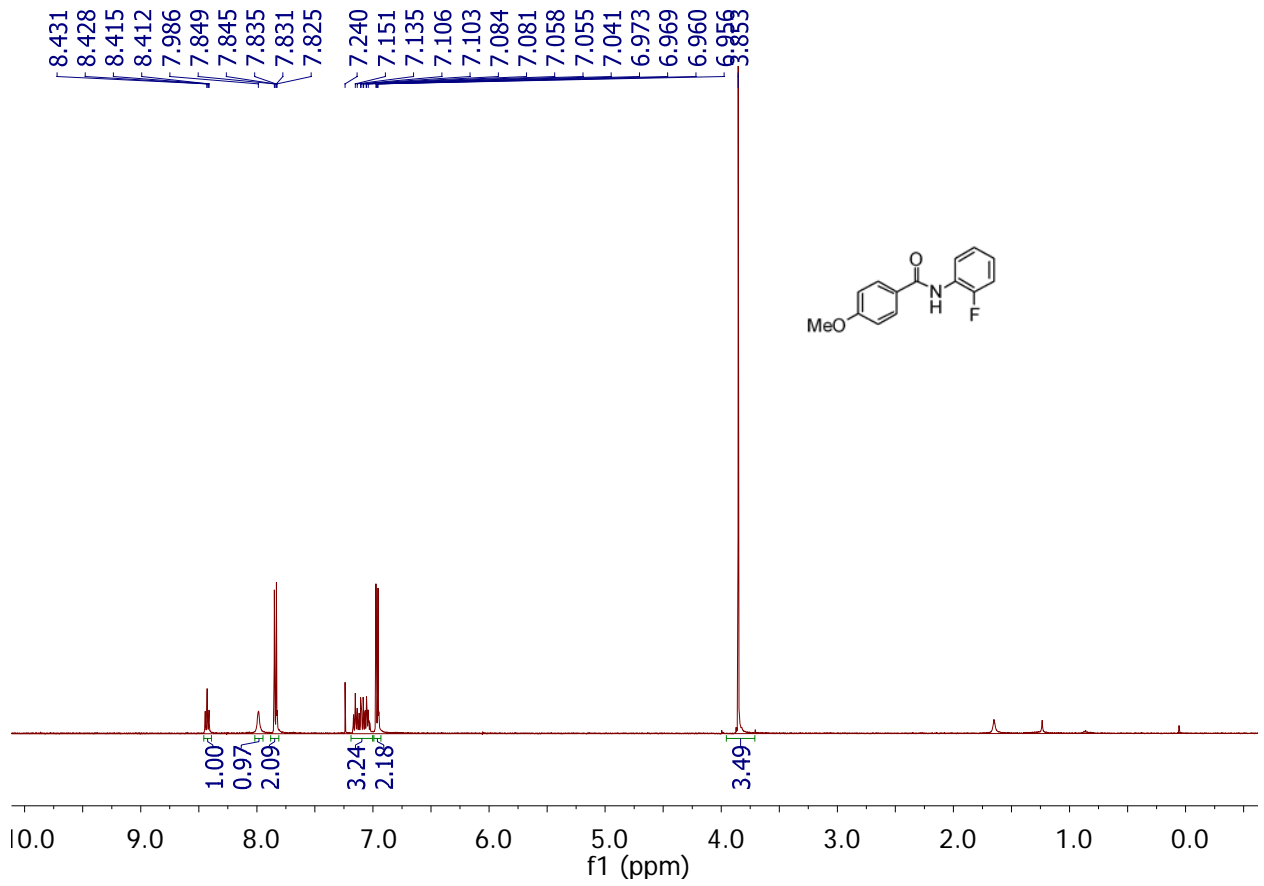




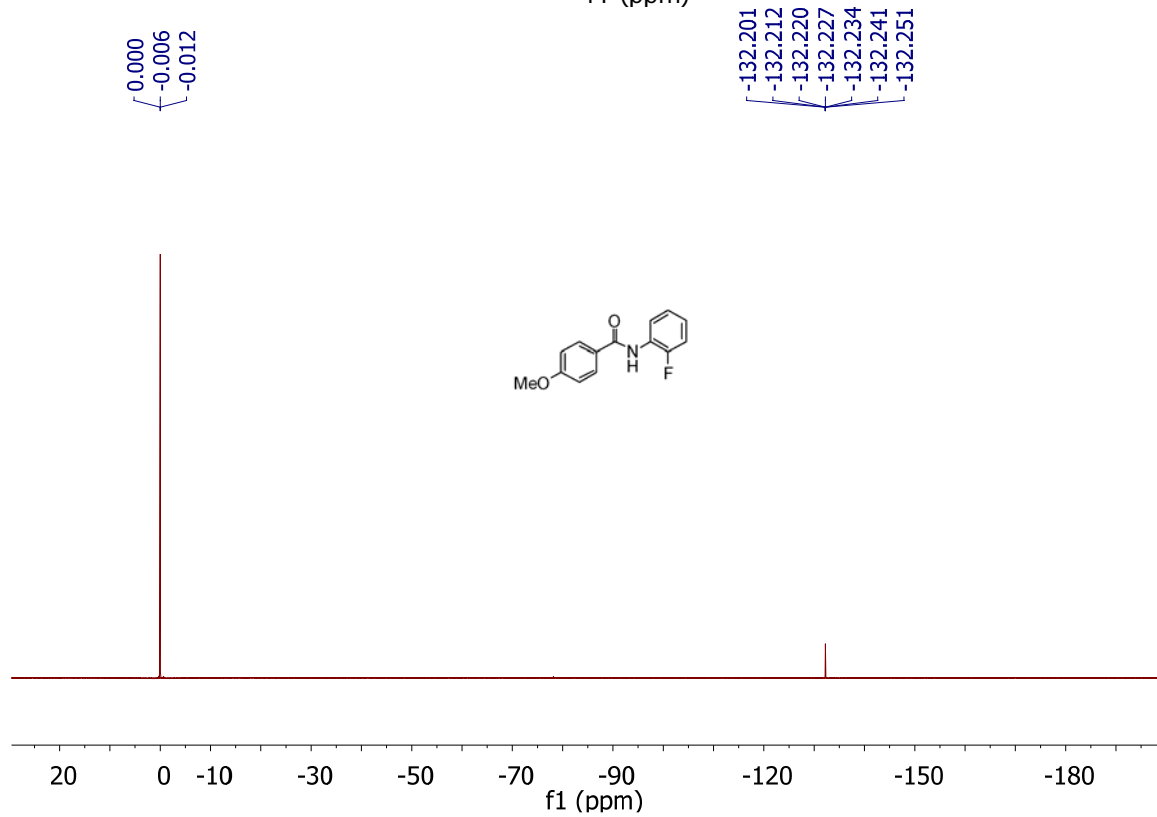
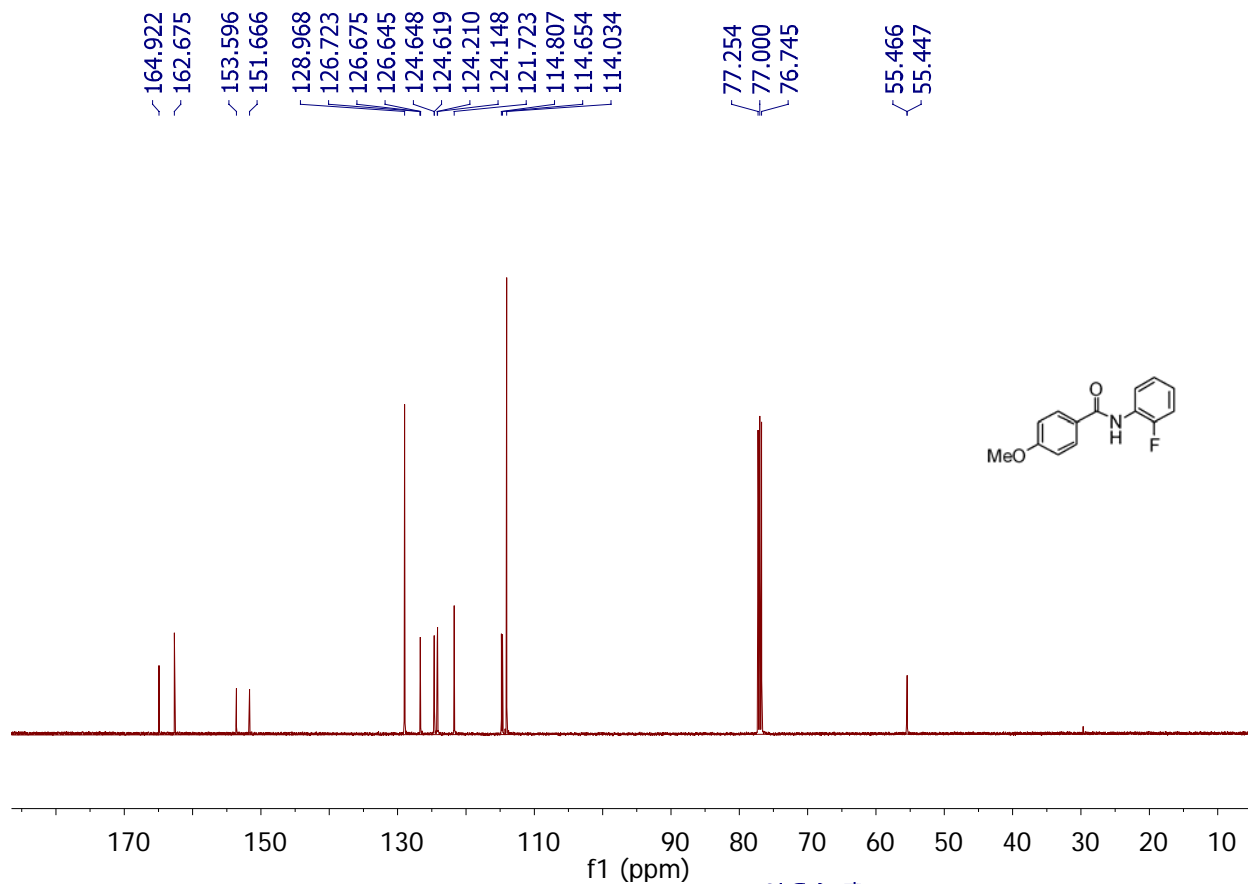


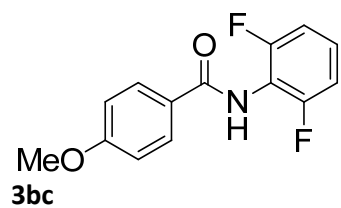
3bb

NMR of compound 3bb

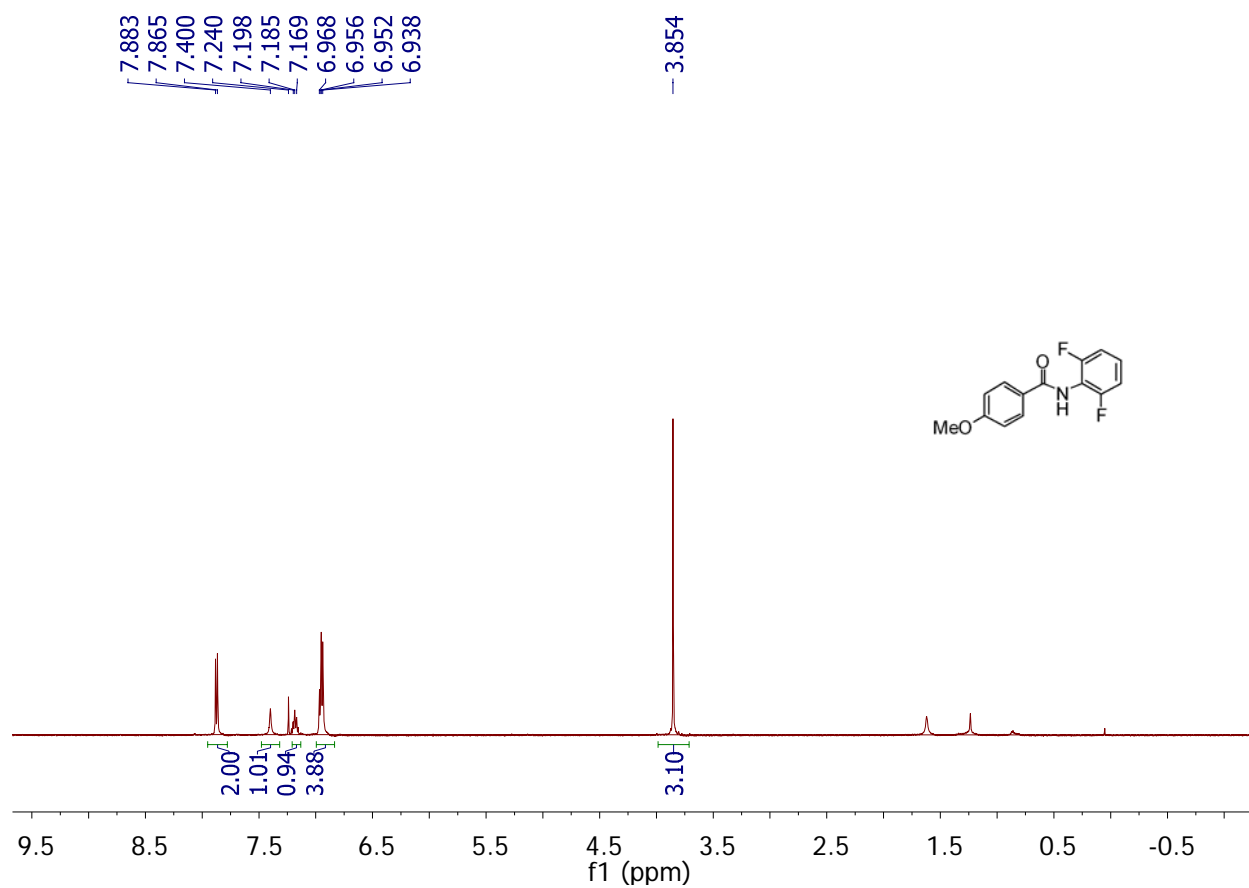


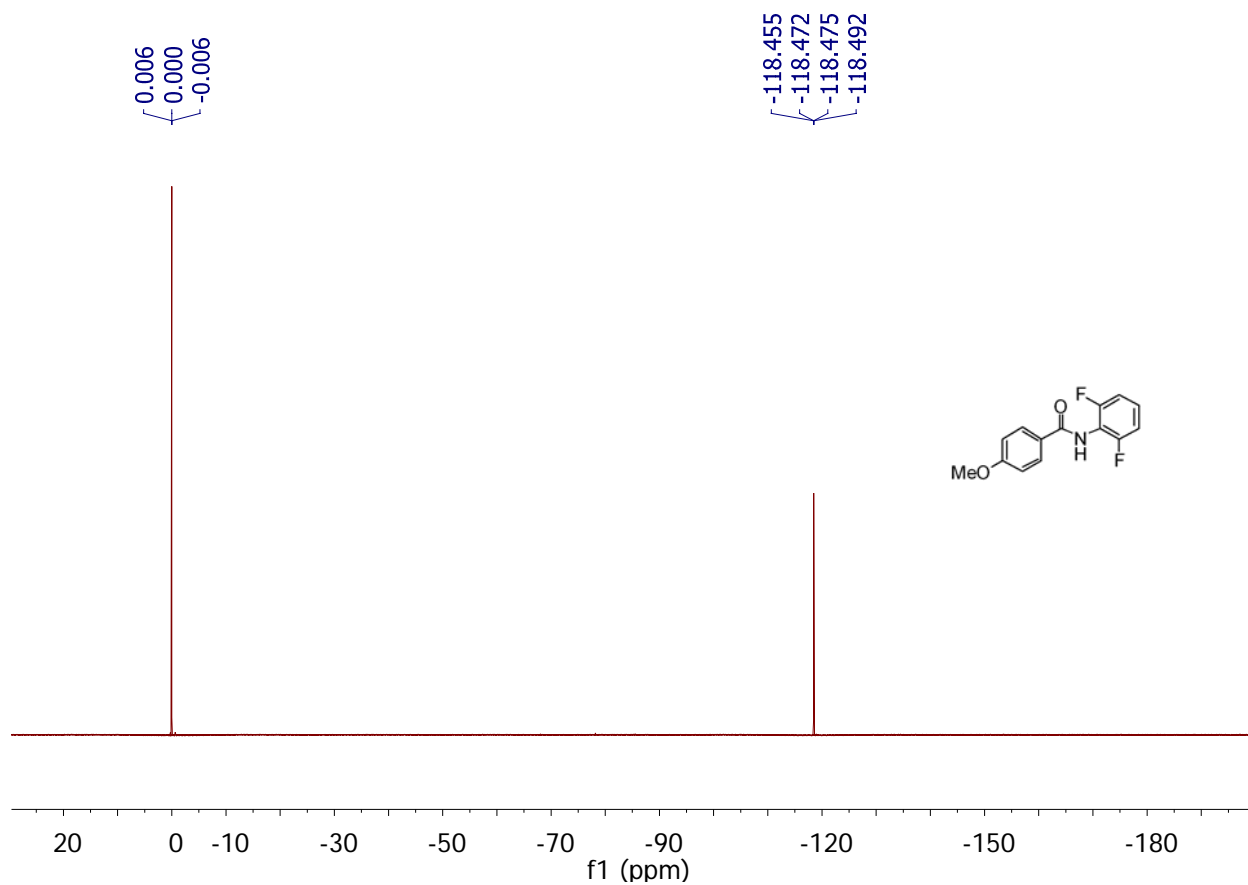
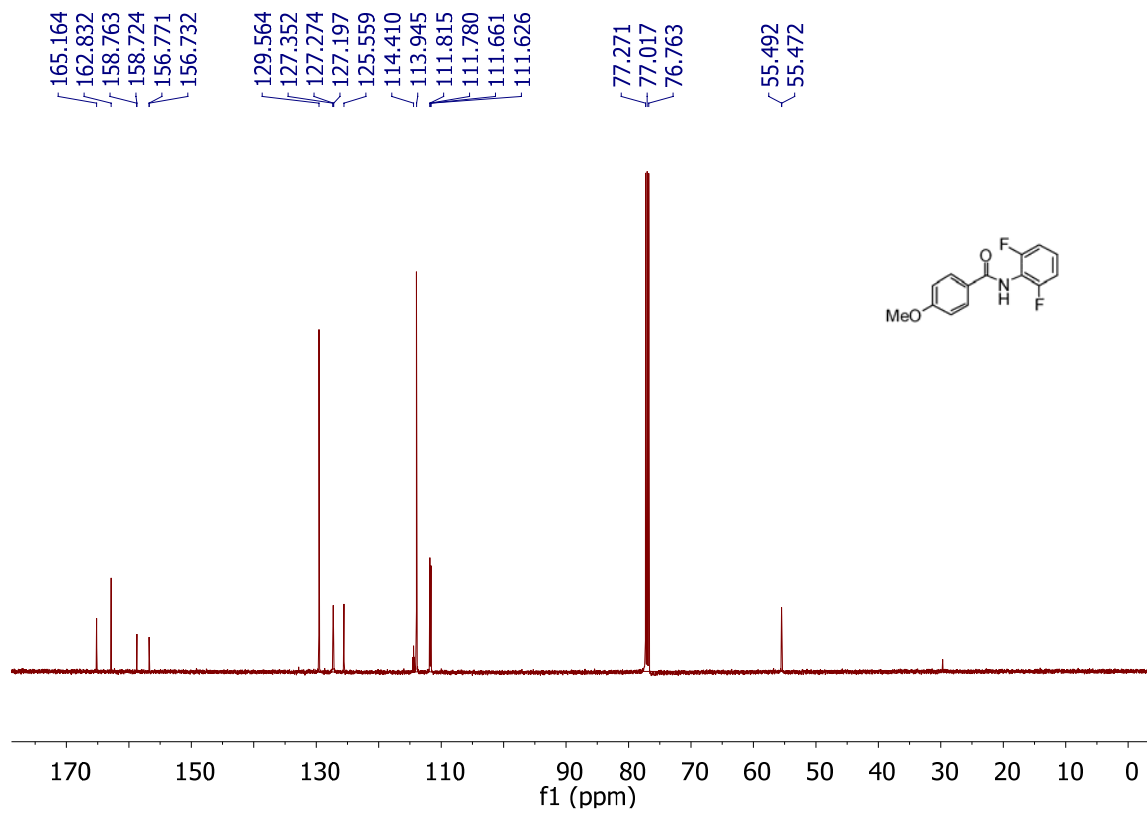


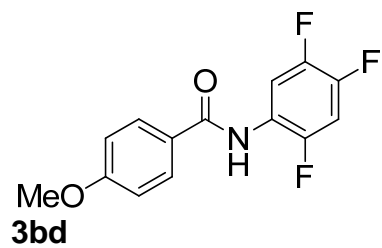




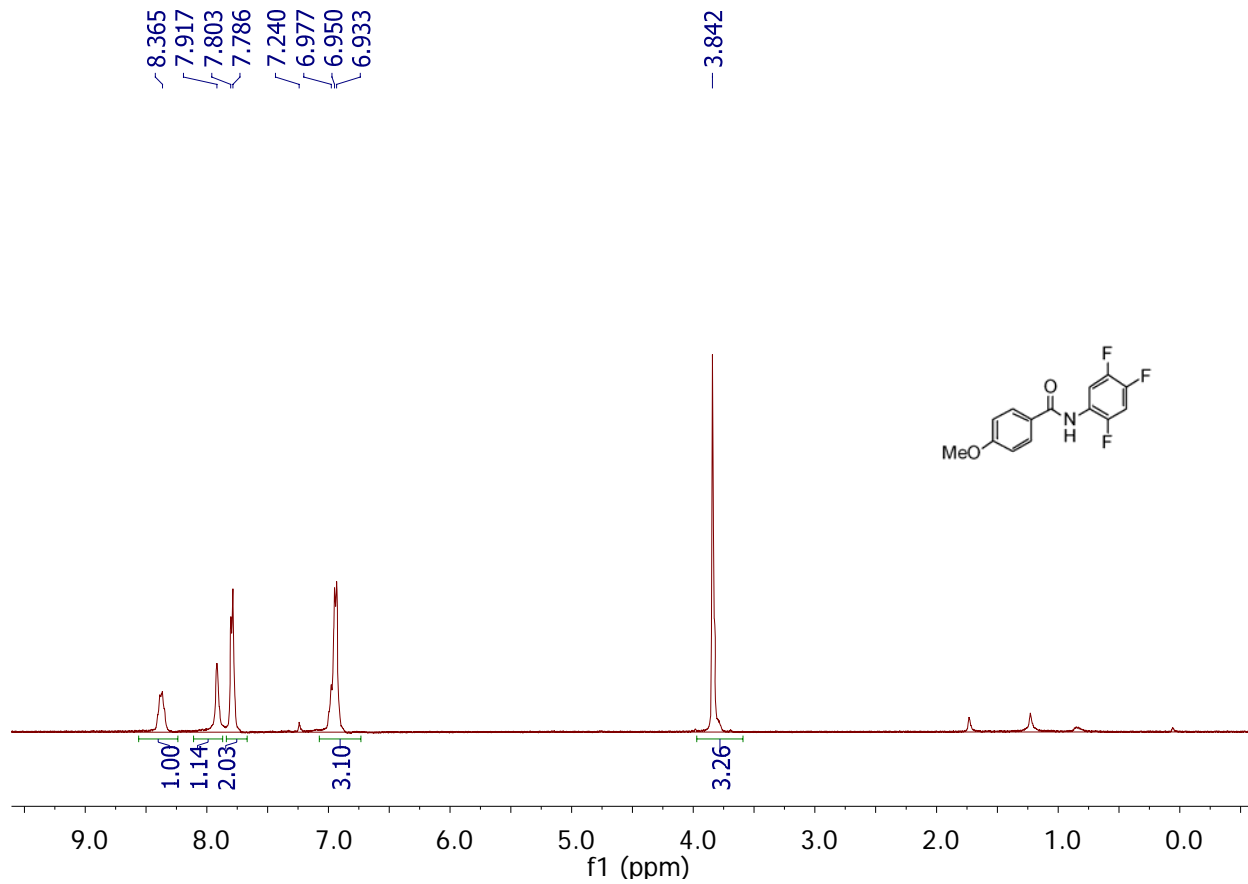
### NMR of compound 3bc

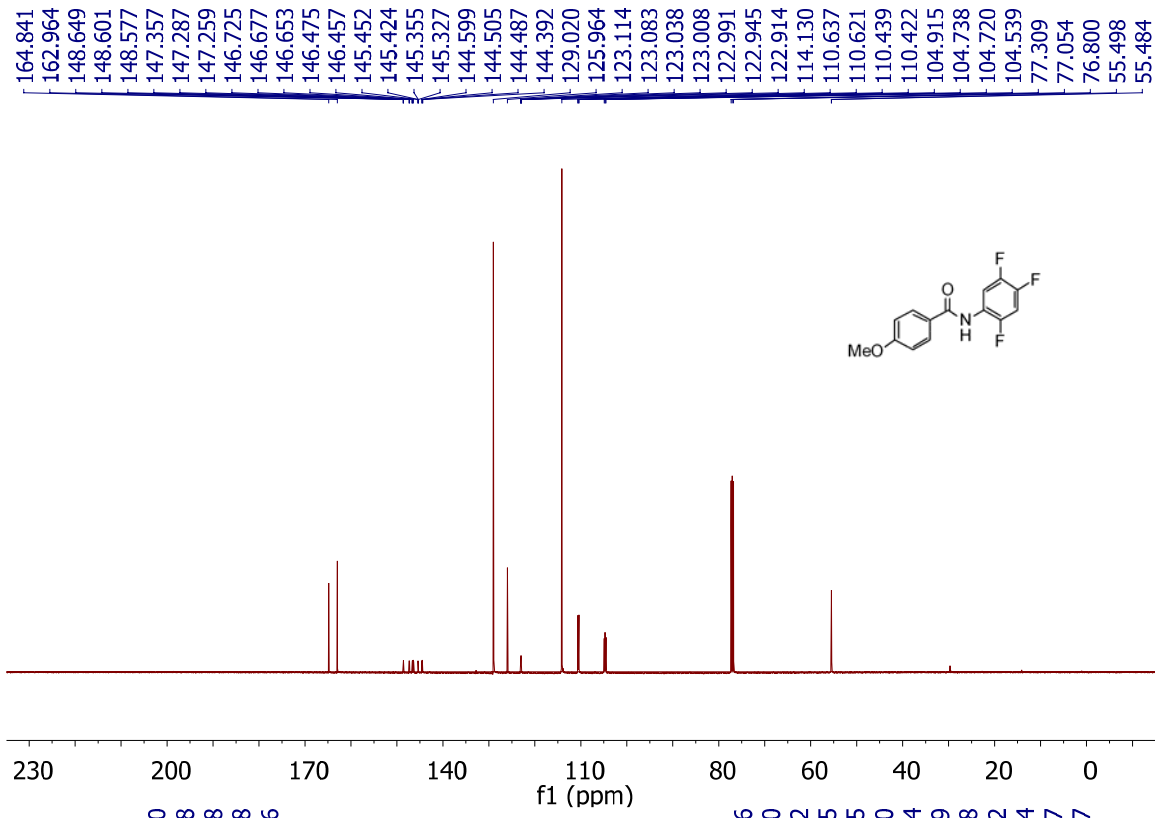






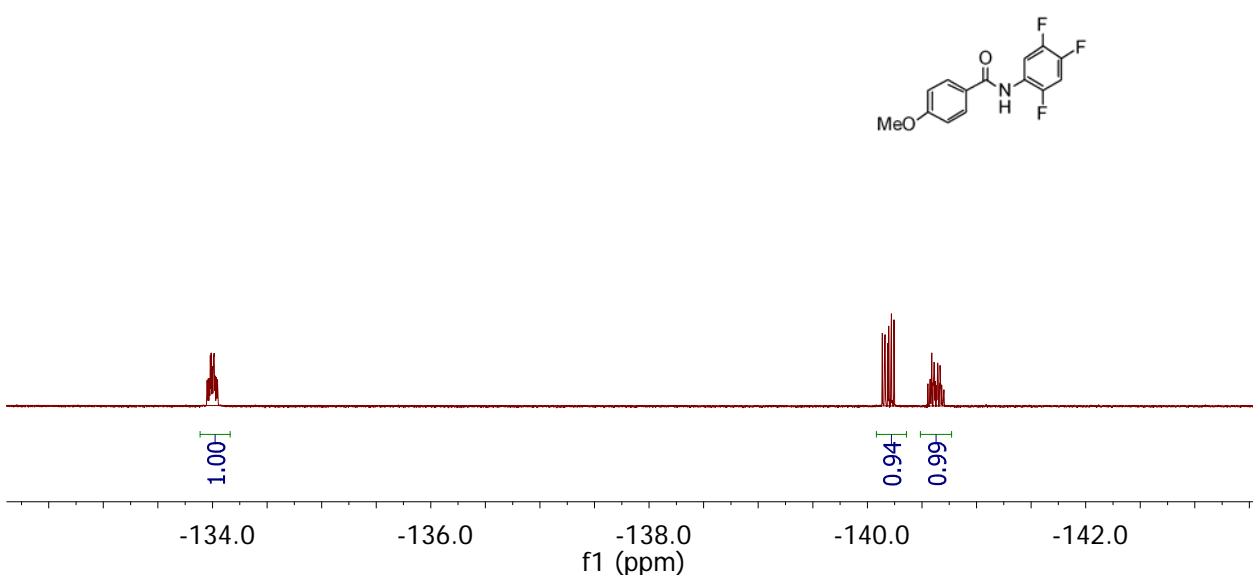
**NMR of compound 3bd**

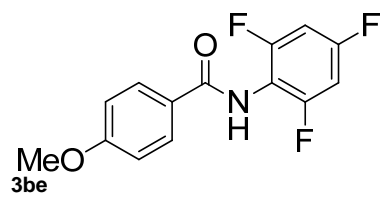




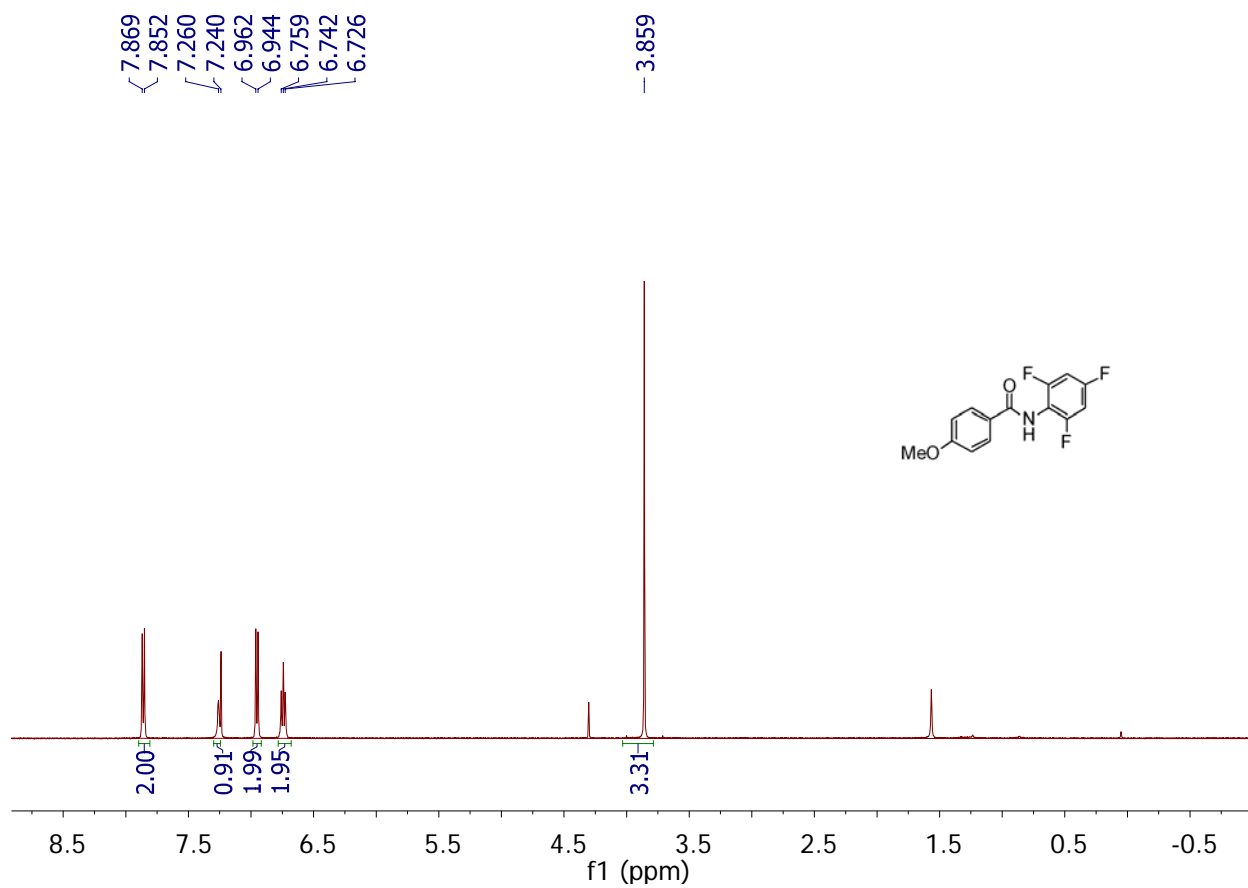
-133.980  
-133.988  
-133.998  
-134.008  
-134.016

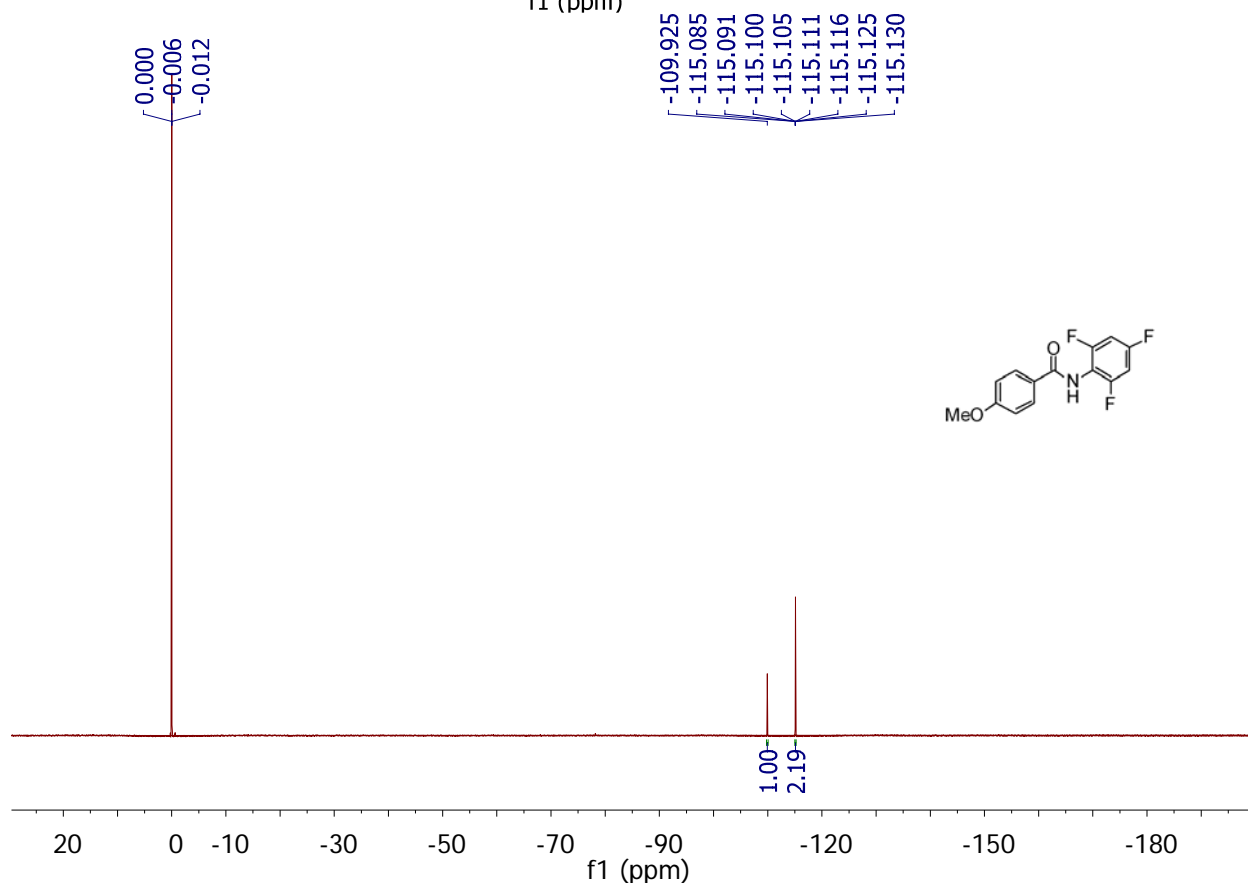
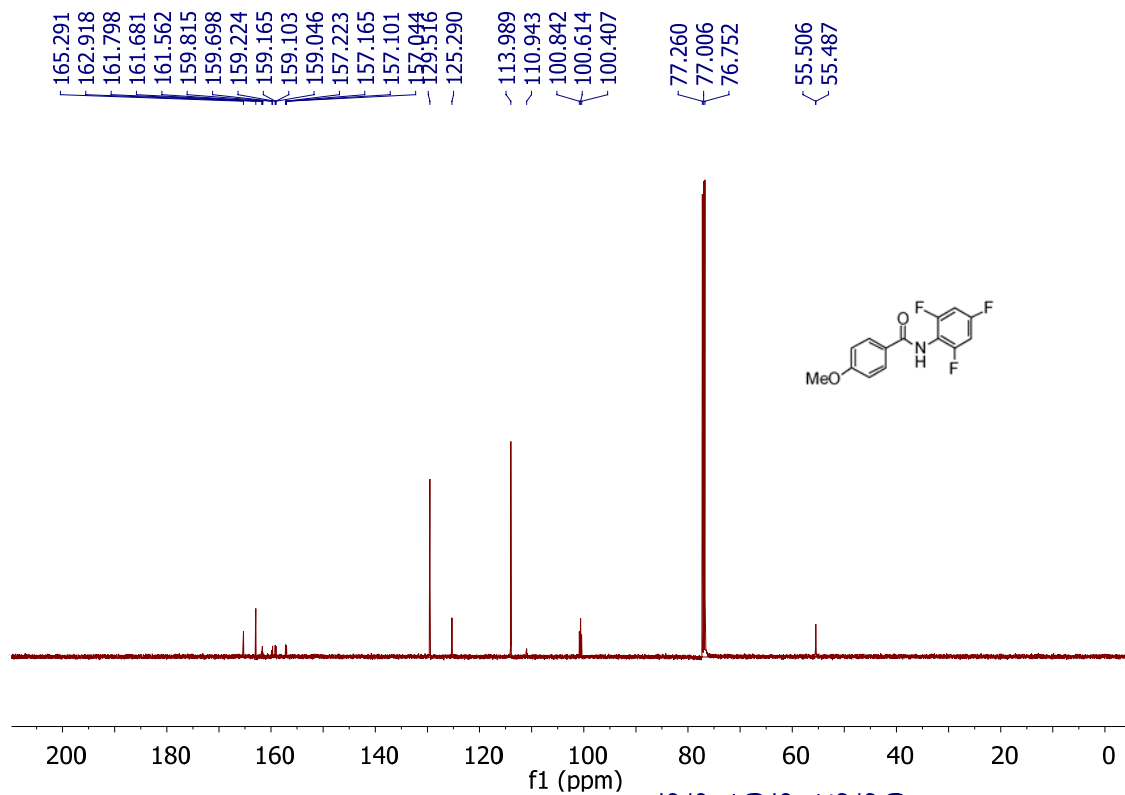
-140.136  
-140.160  
-140.162  
-140.185  
-140.195  
-140.220  
-140.244  
-140.589  
-140.608  
-140.612  
-140.644  
-140.647  
-140.667

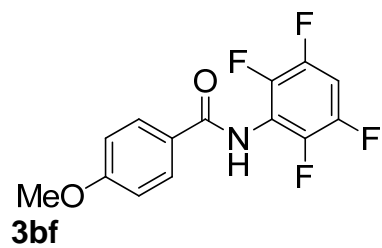




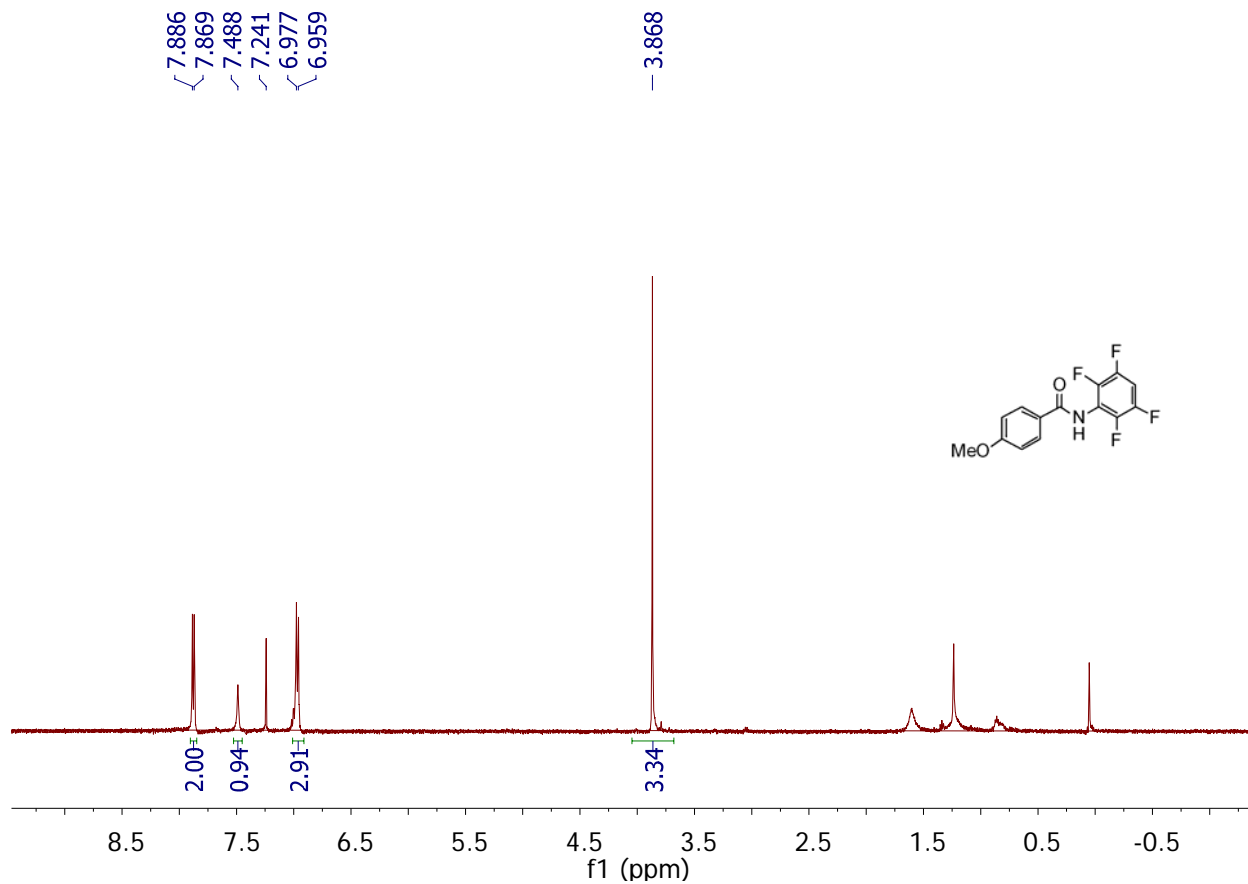
### NMR of compound 3be



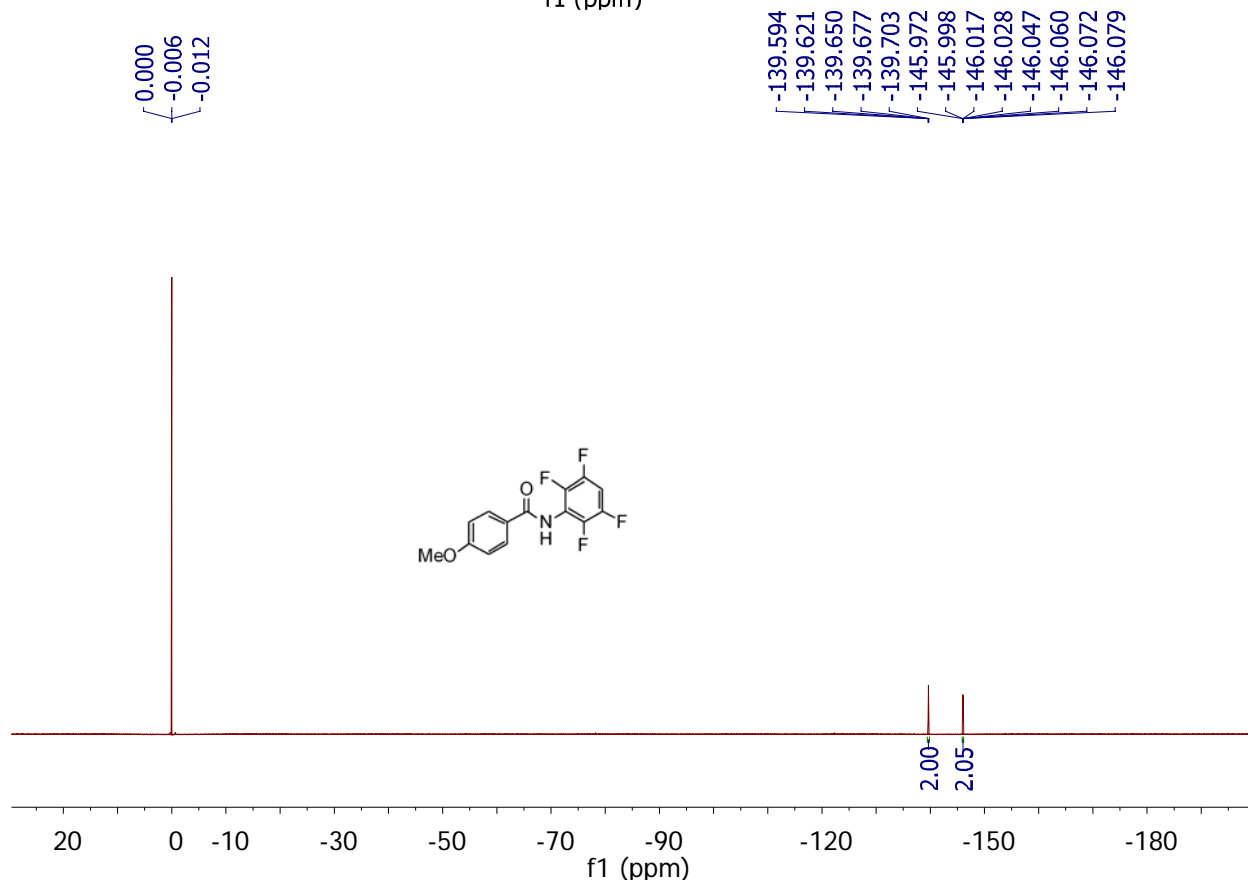
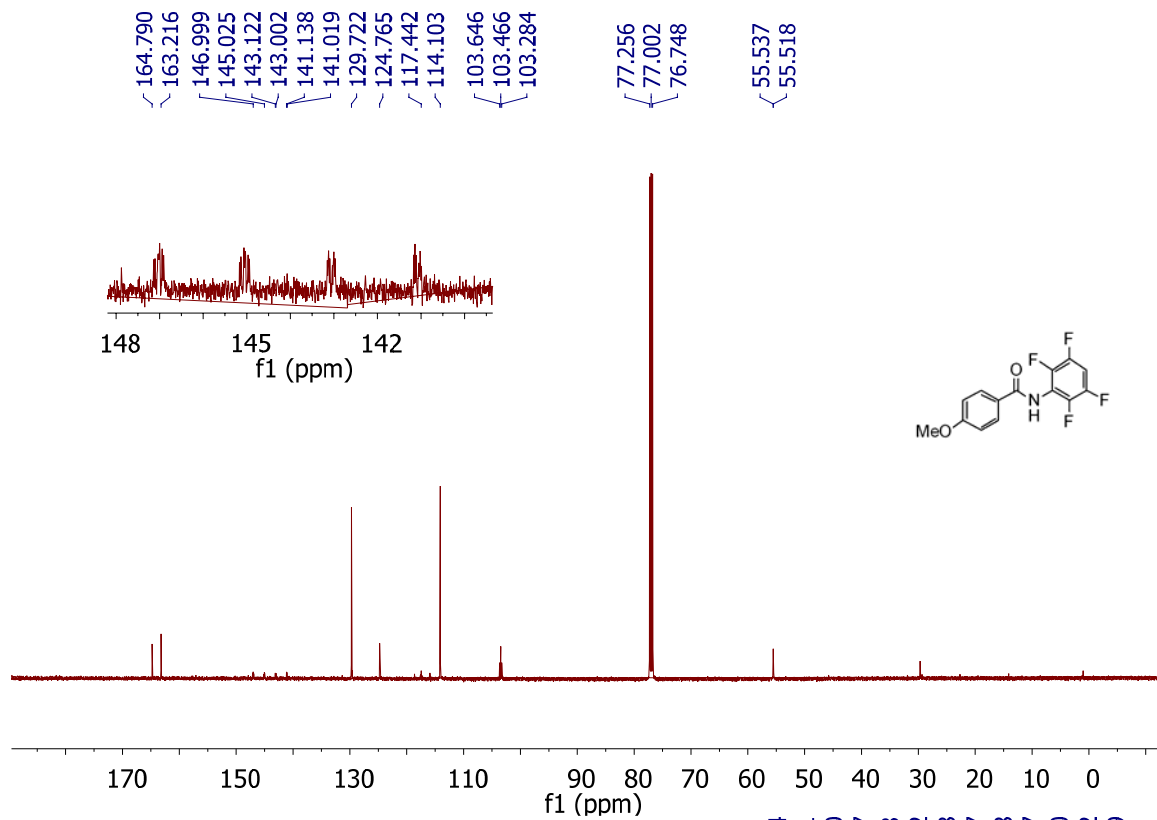


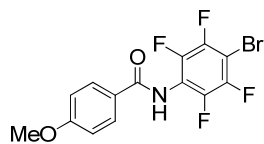


**NMR of compound 3bf**



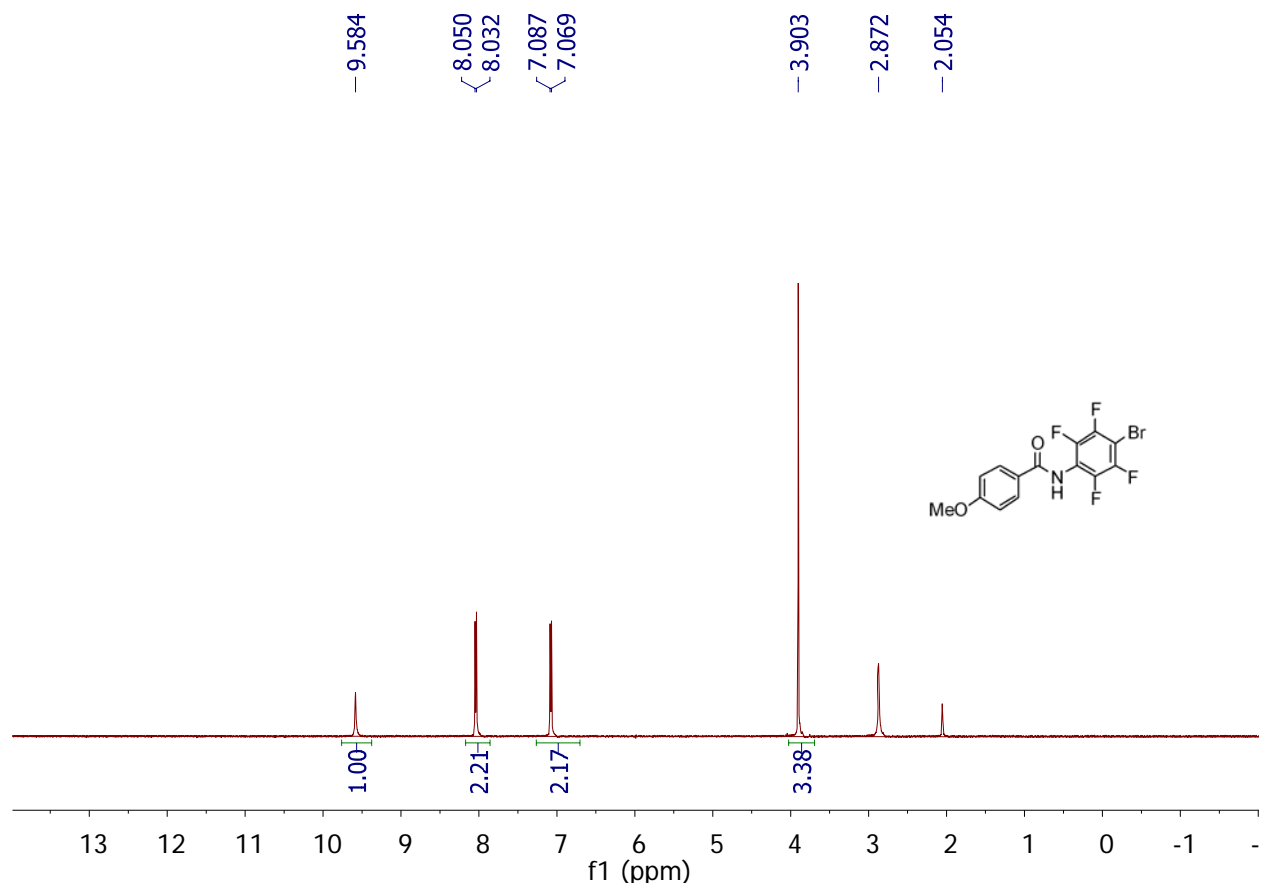


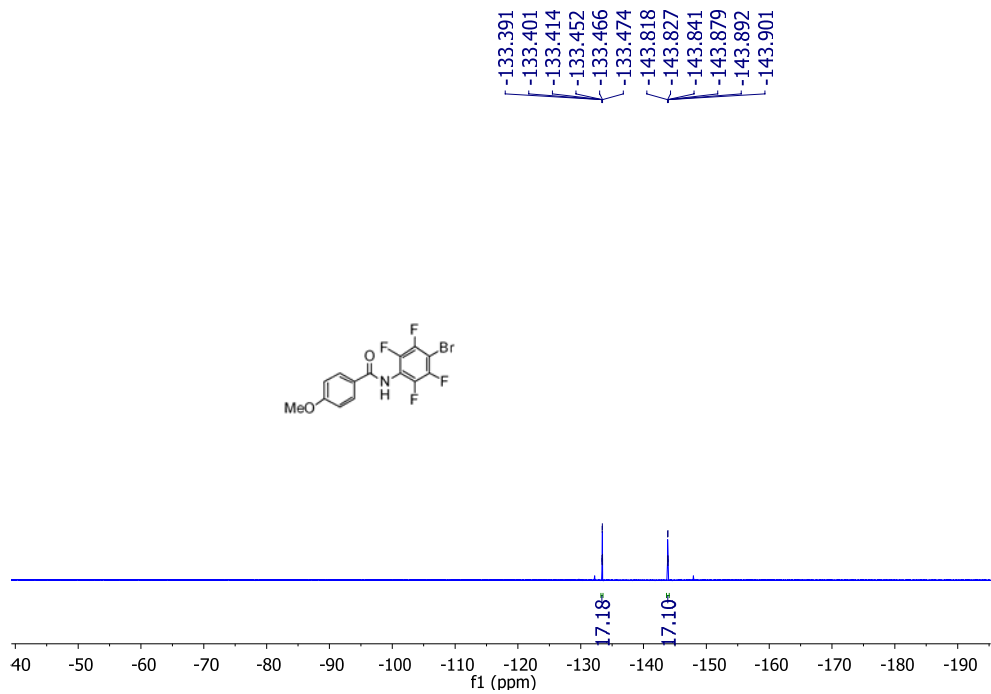
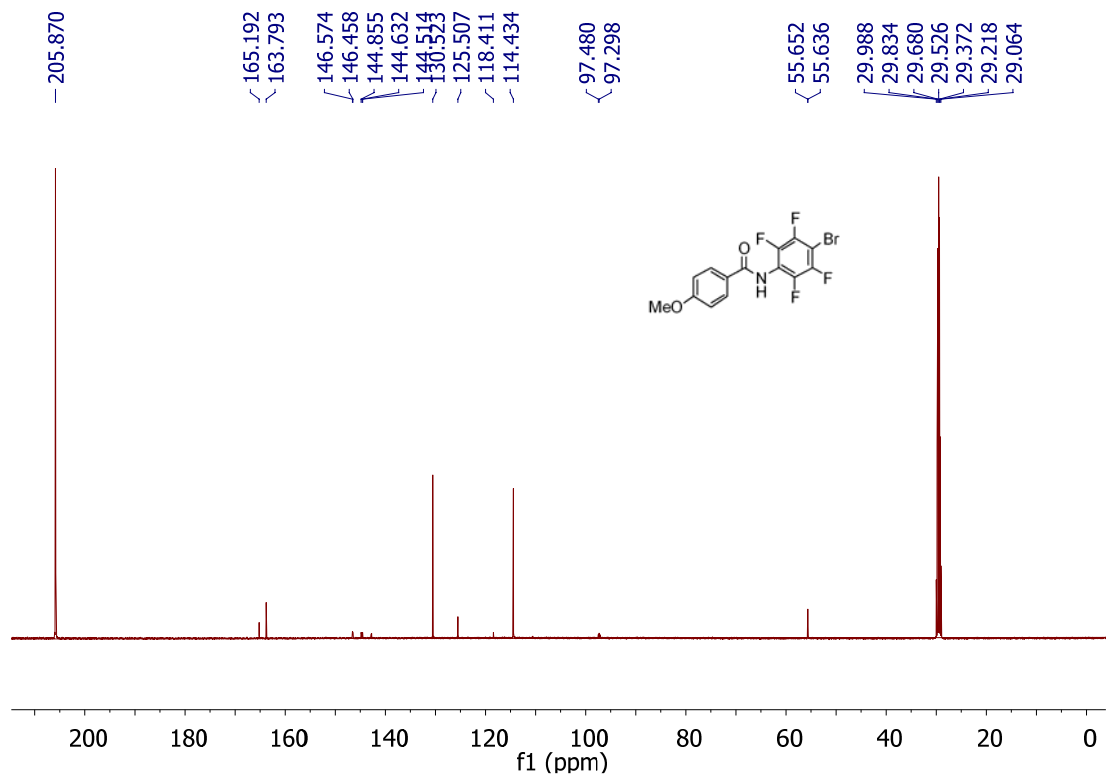


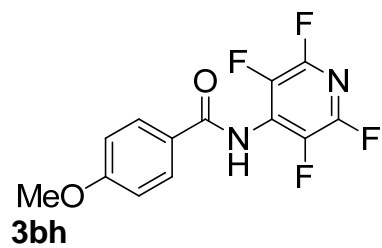


**3bg**

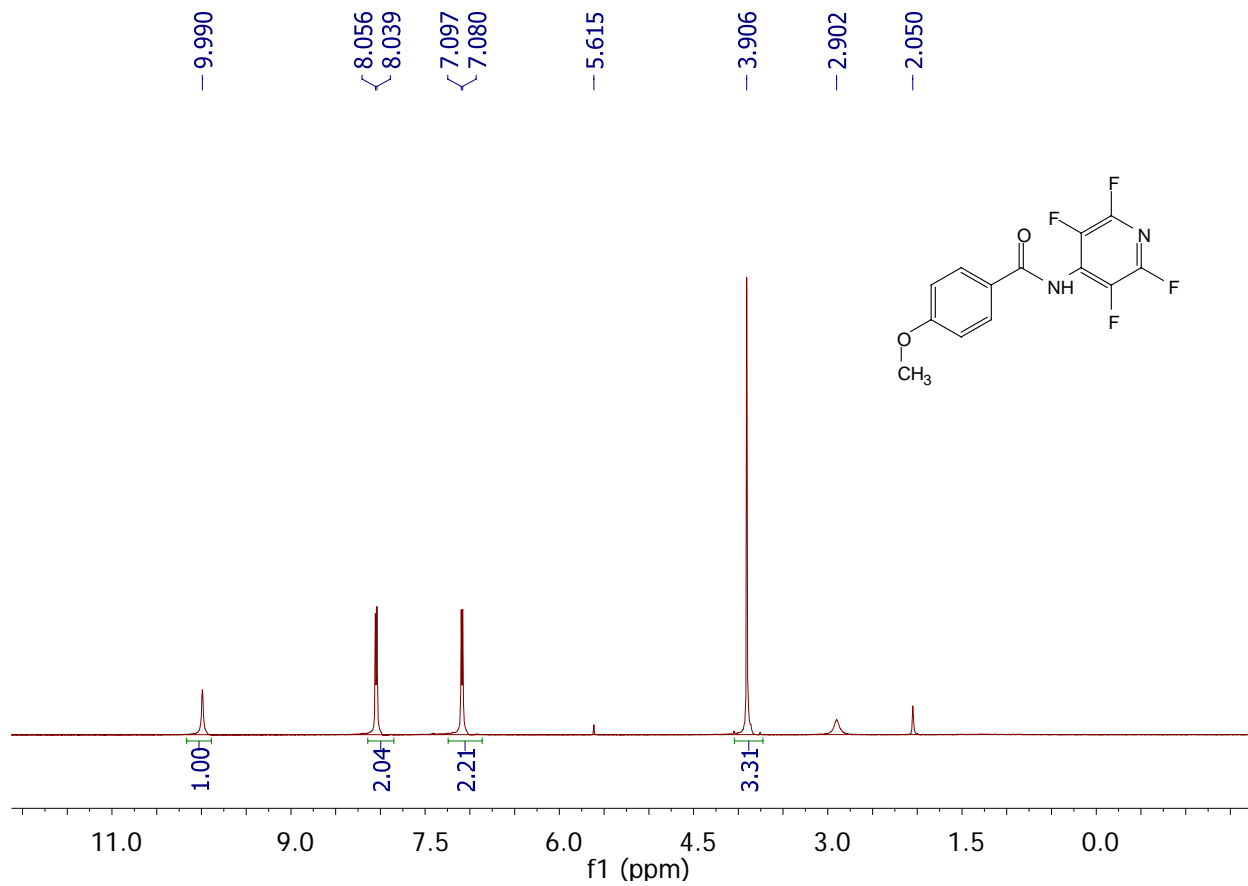
**NMR of compound 3bg**

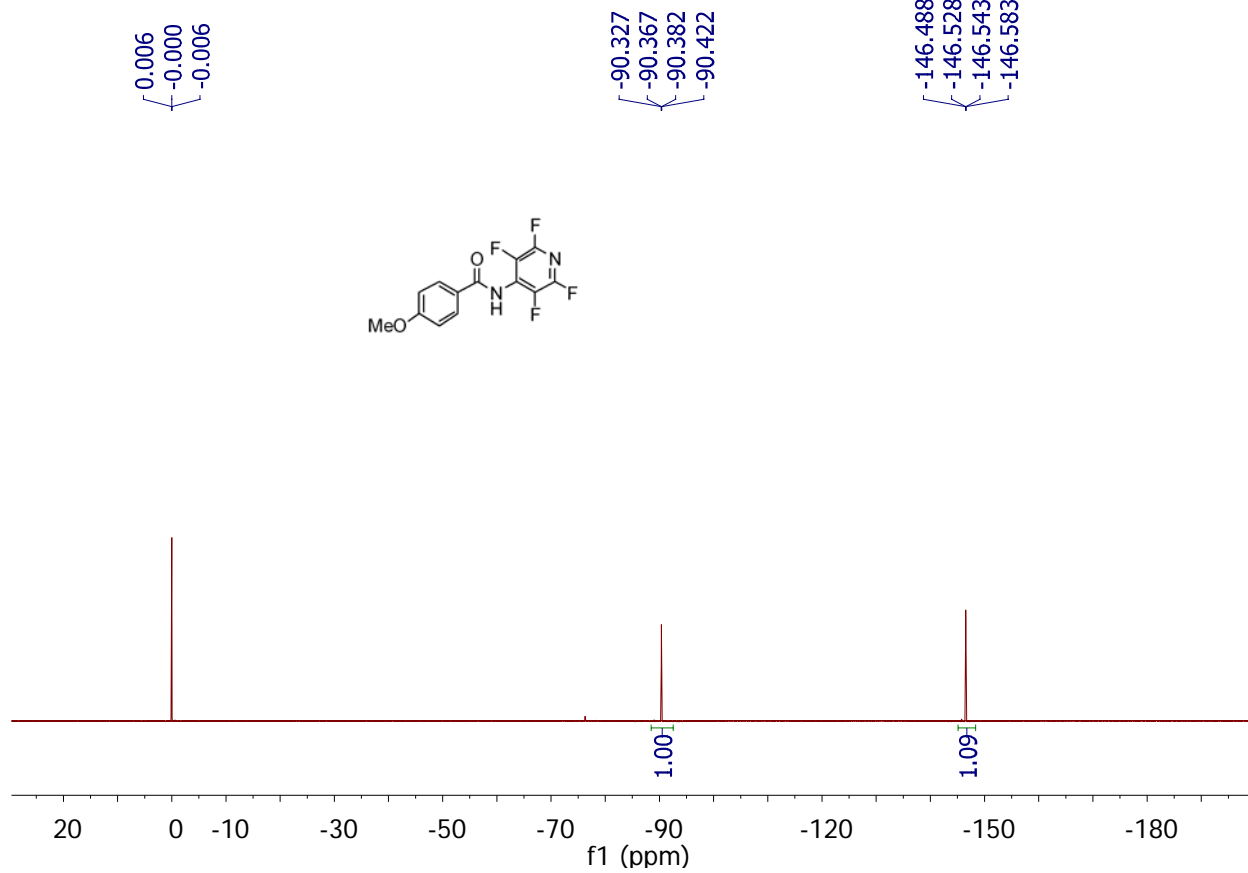
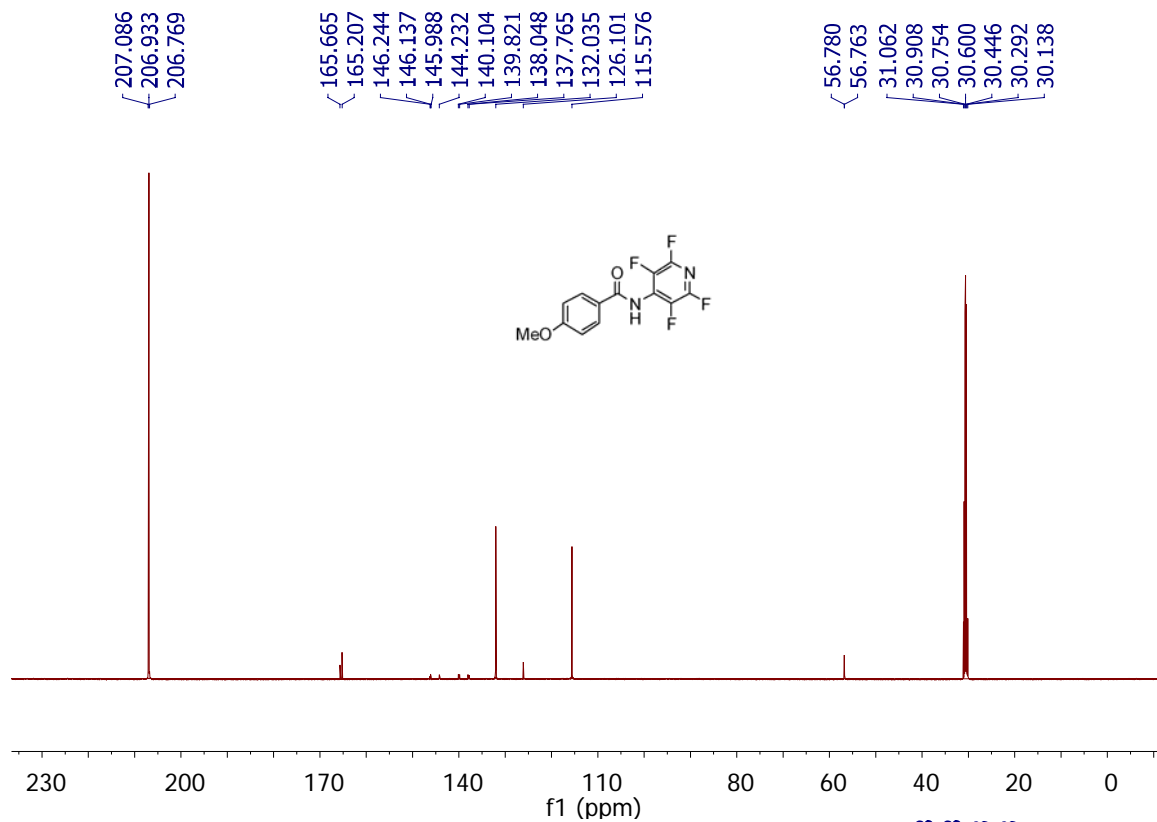


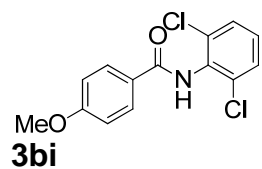




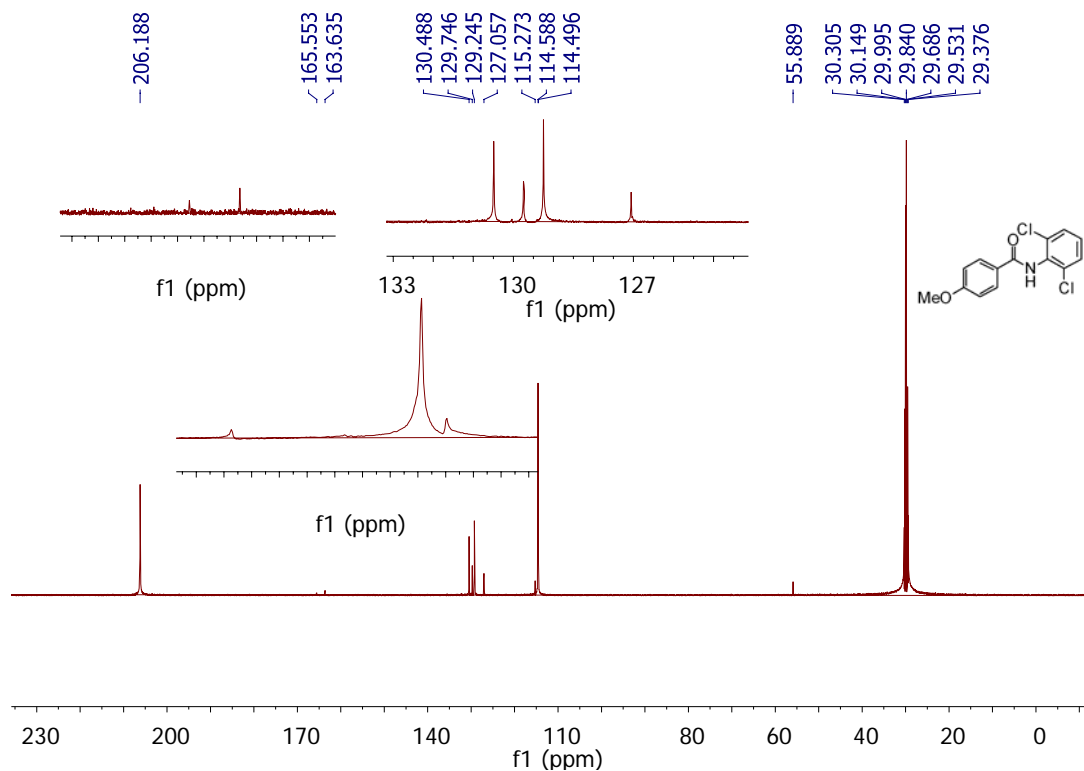
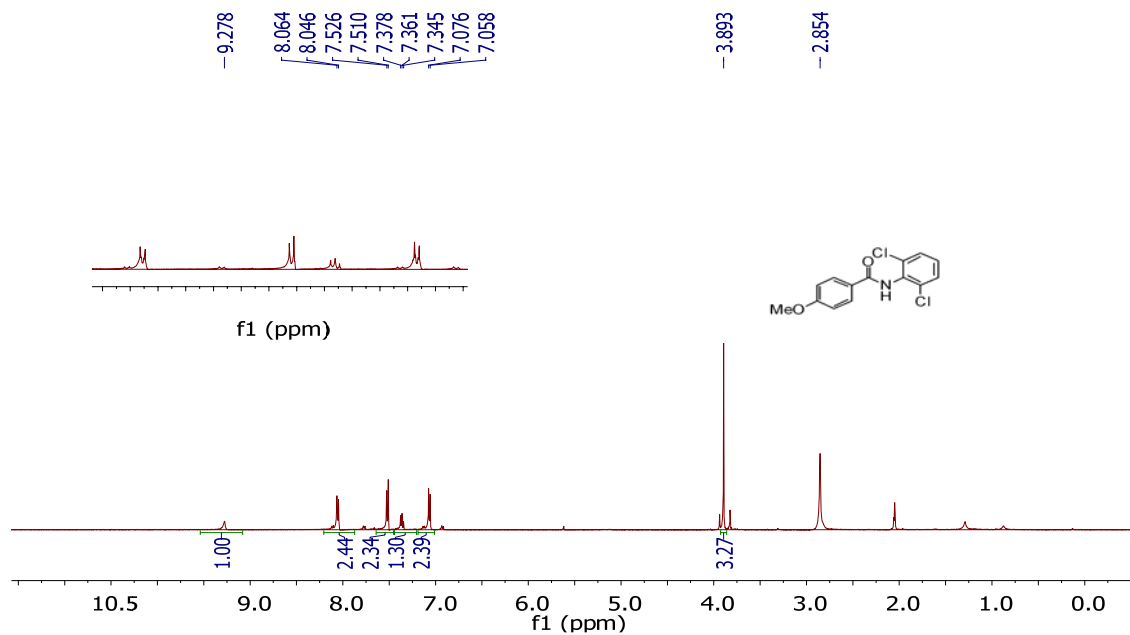
**NMR of compound 3bh**



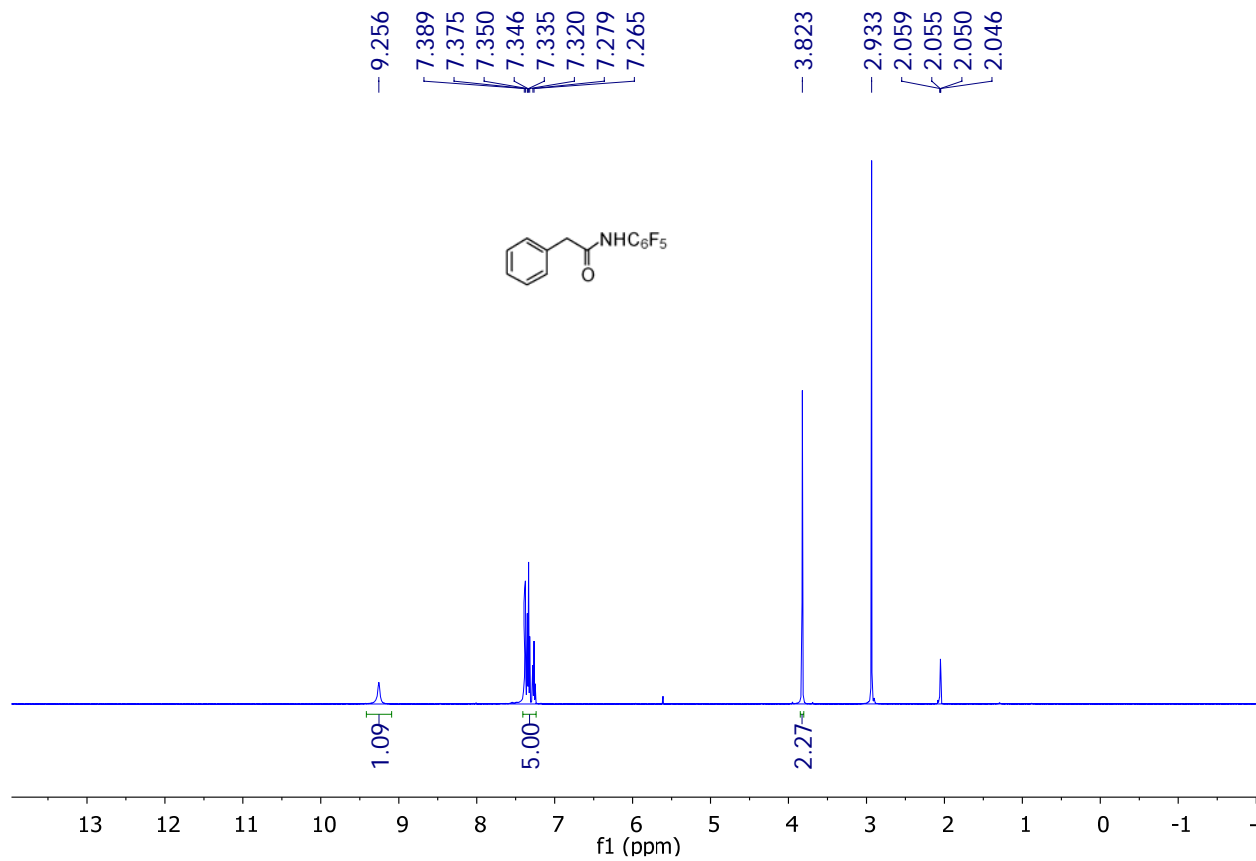
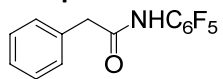


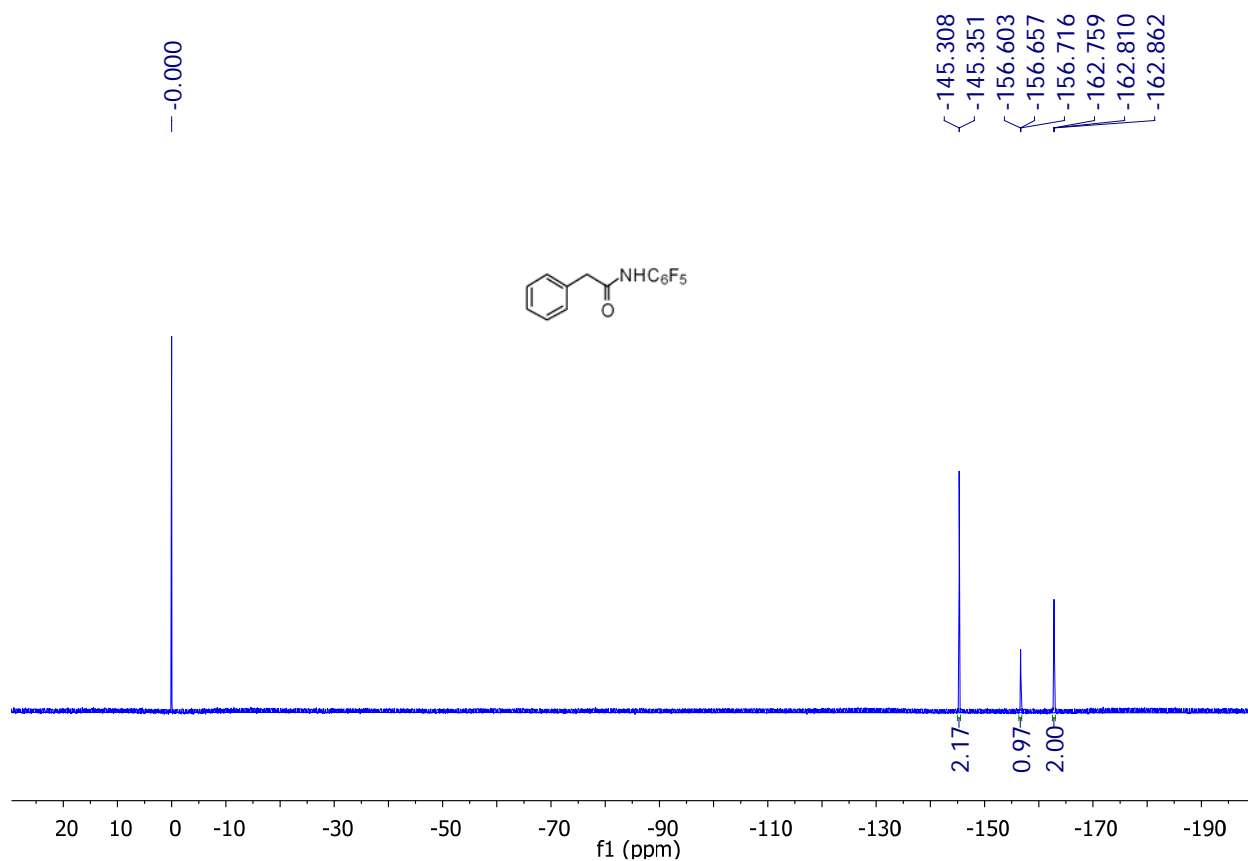
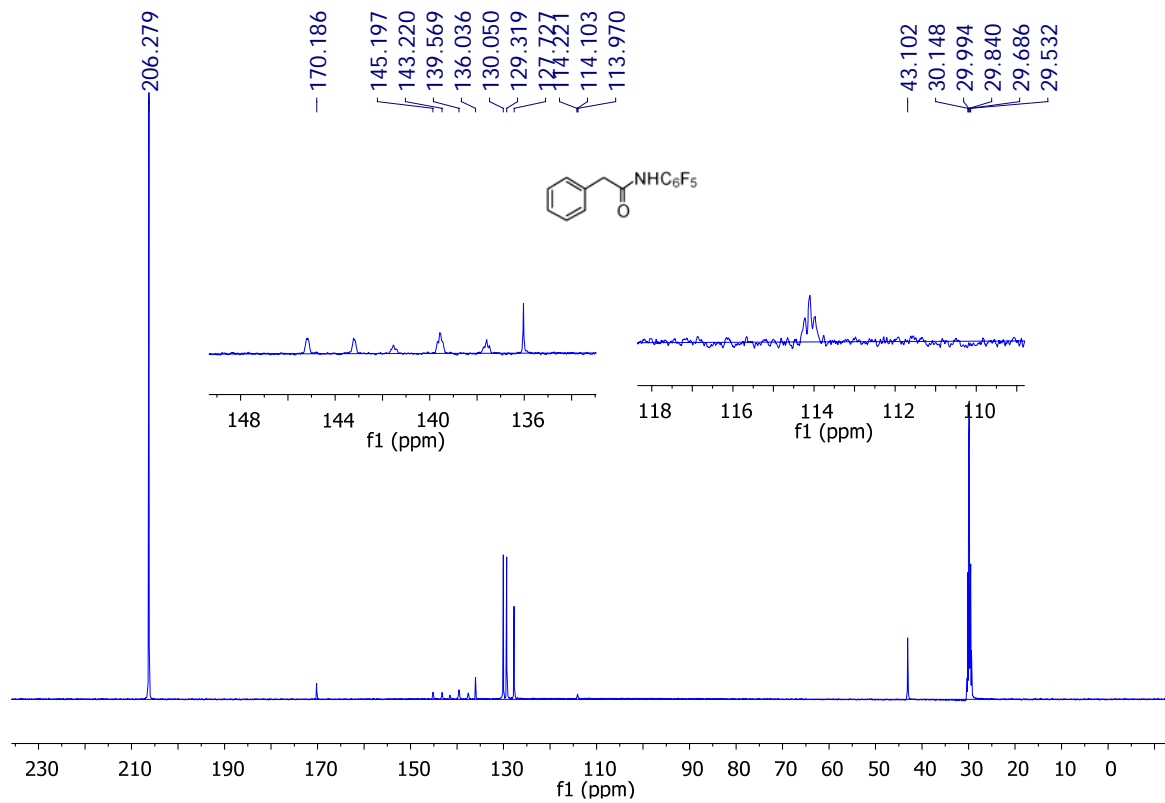


**NMR of compound 3bi**



Compound 3z'a







# Compound 5

