

Supporting Information

HIGHLY C3-SELECTIVE DIRECT ALKYLATION AND ARYLATION OF 2-PYRIDONES UNDER VISIBLE-LIGHT-PROMOTED PHOTOREDOX CATALYSIS

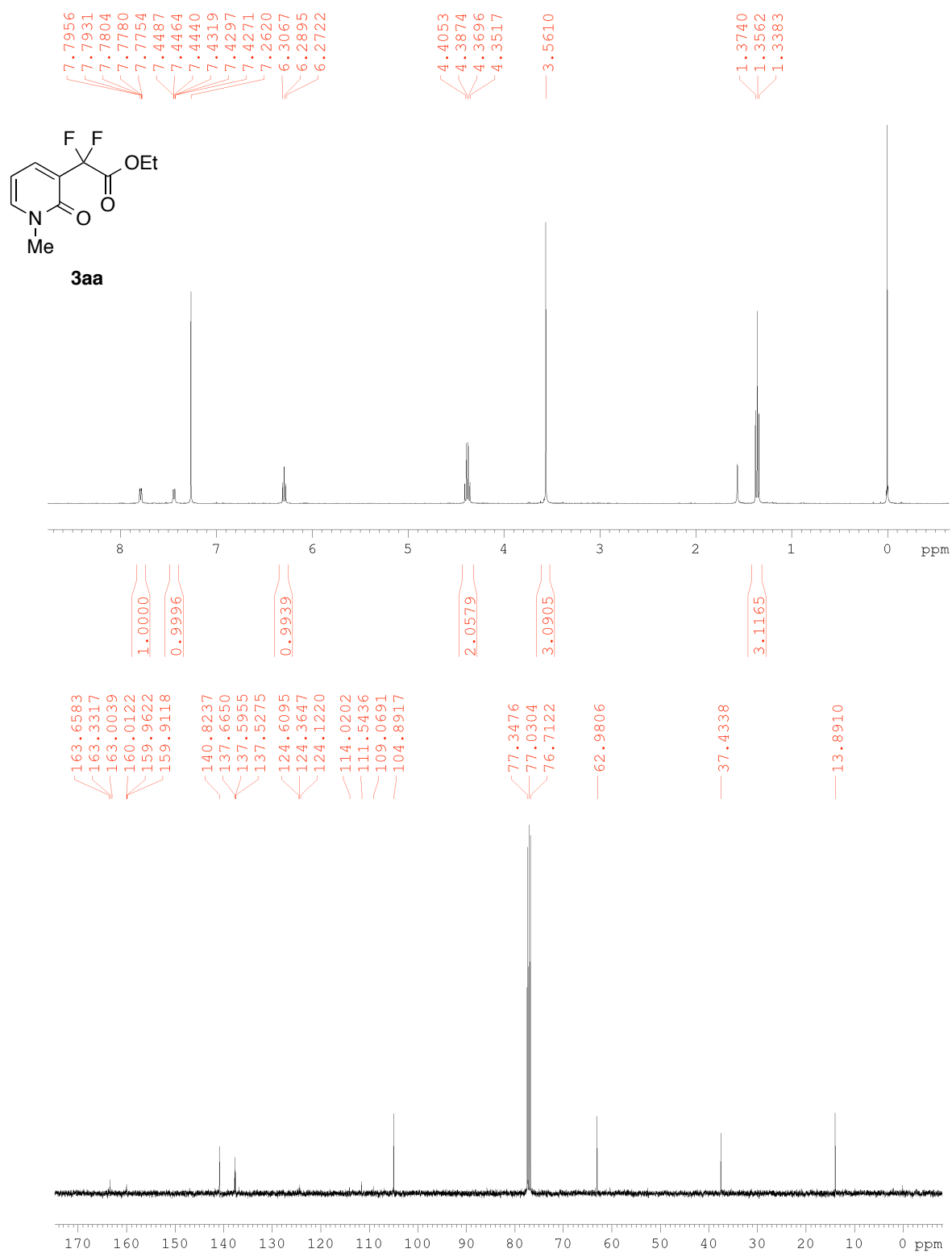
Atifah Najib, Sho Tabuchi, Koji Hirano,* and Masahiro Miura*

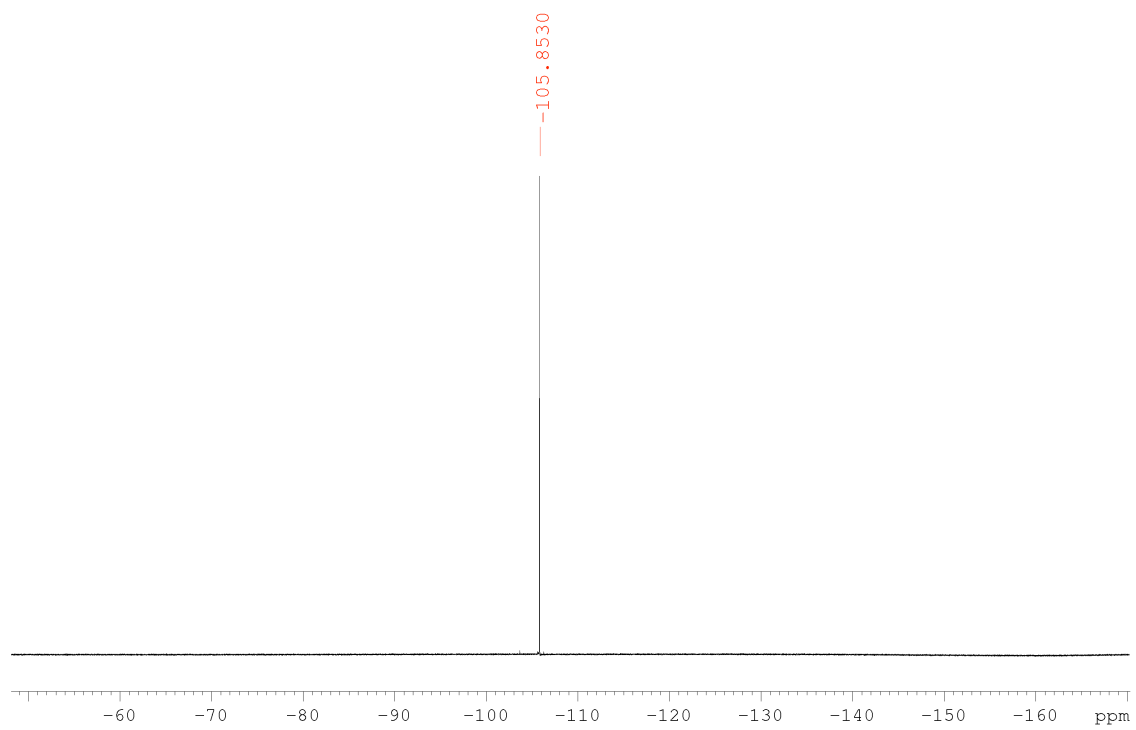
*Department of Applied Chemistry, Graduate School of Engineering, Osaka University, Suita, Osaka
565-0871, Japan*

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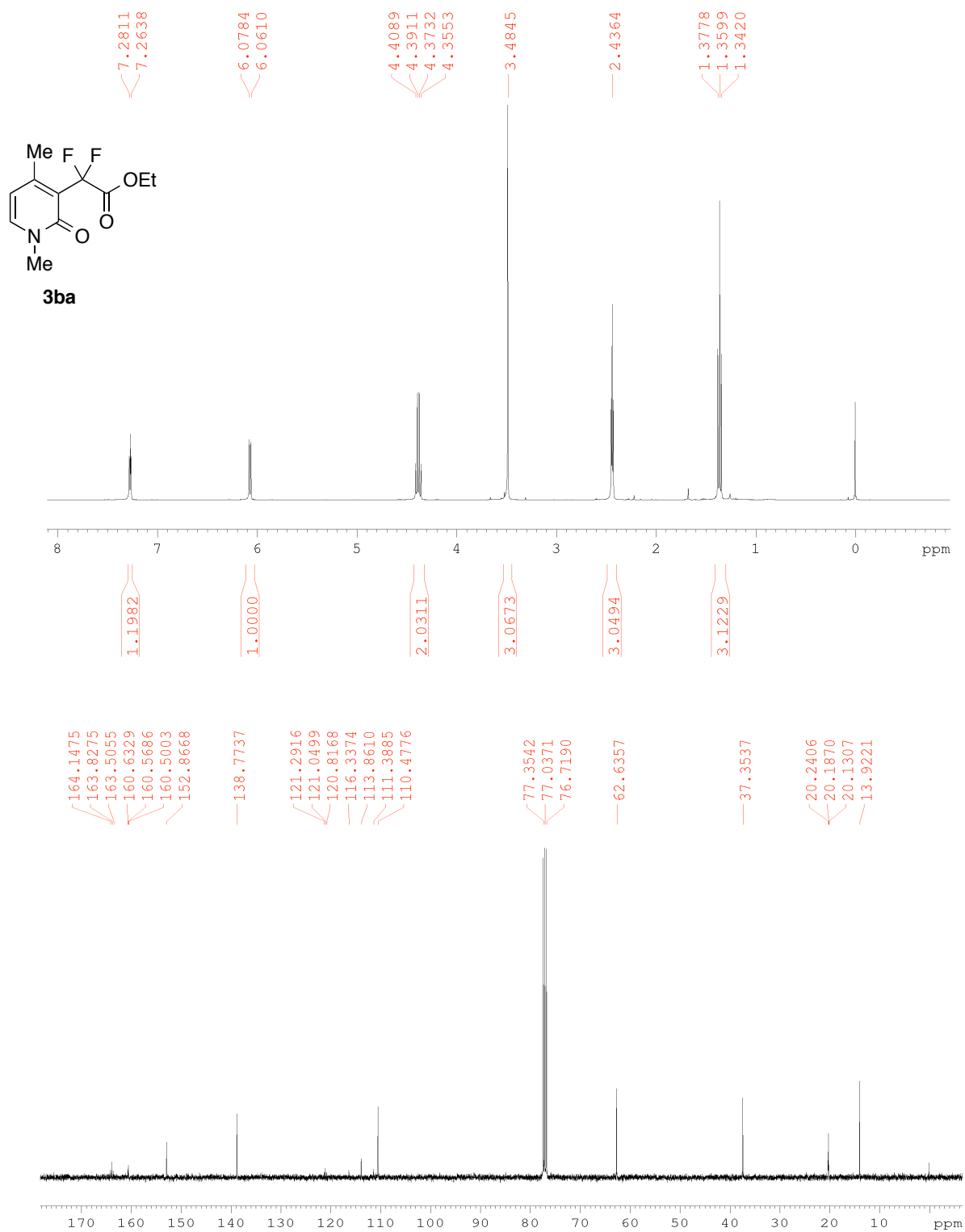
¹H, ¹³C, and ¹⁹F NMR spectra of products	S2–S33
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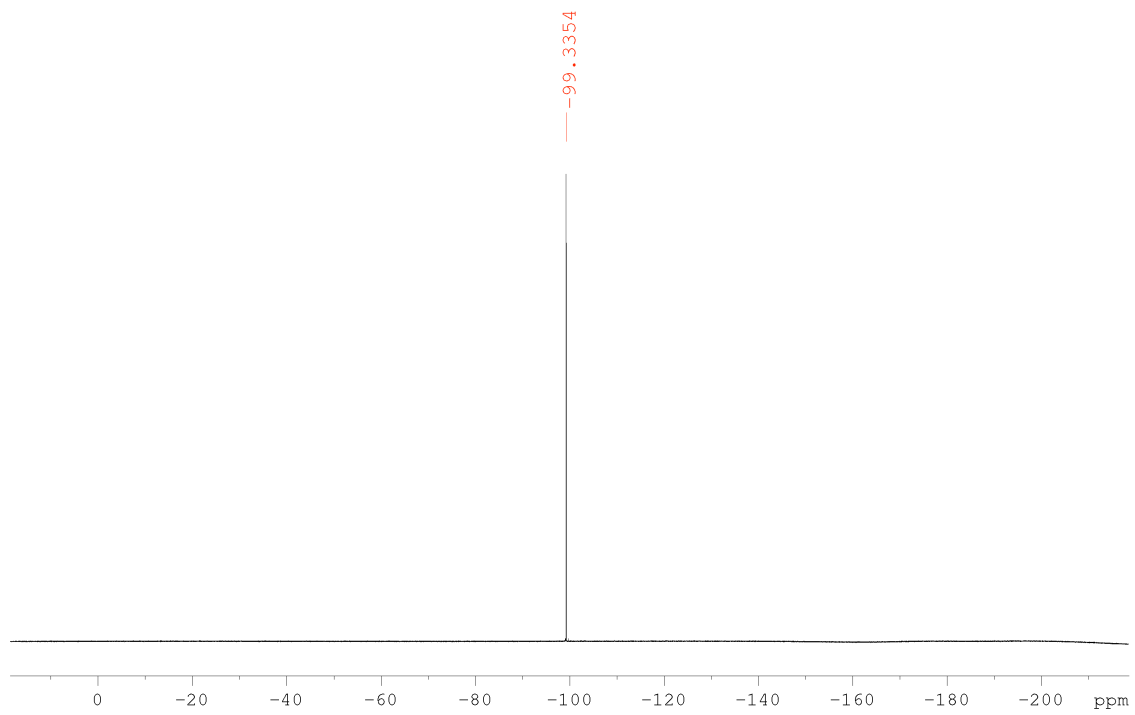
[¹H, ¹³C, and ¹⁹F NMR Spectra of **3aa**]



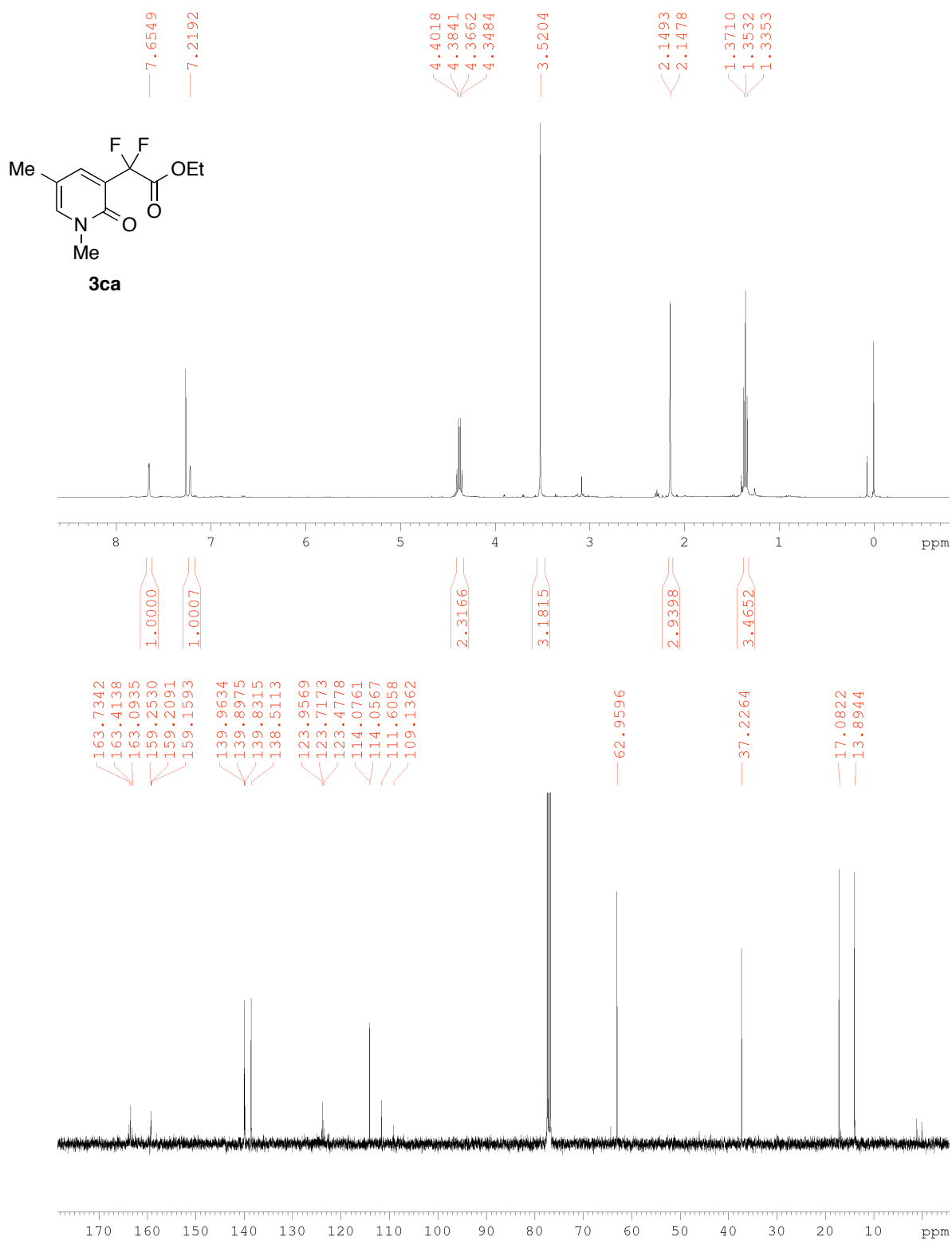


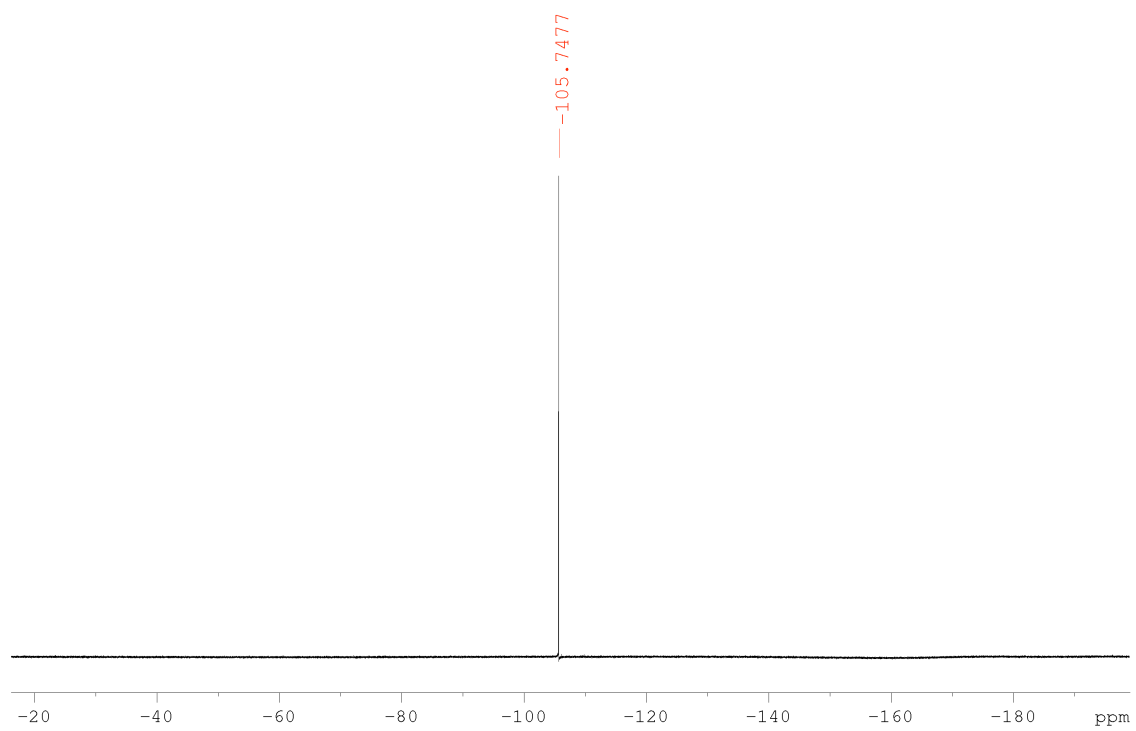
[¹H, ¹³C, and ¹⁹F NMR Spectra of **3ba**]



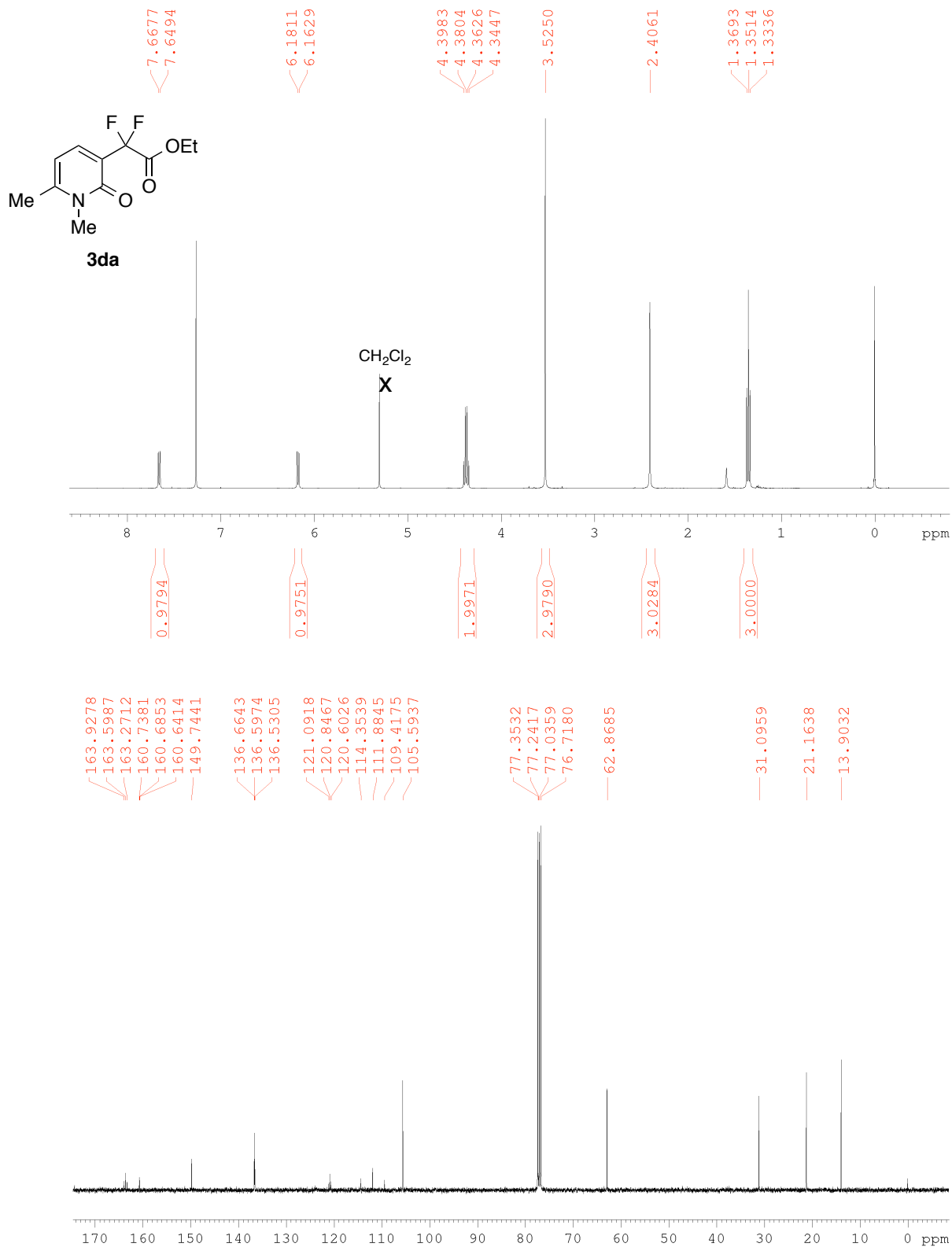


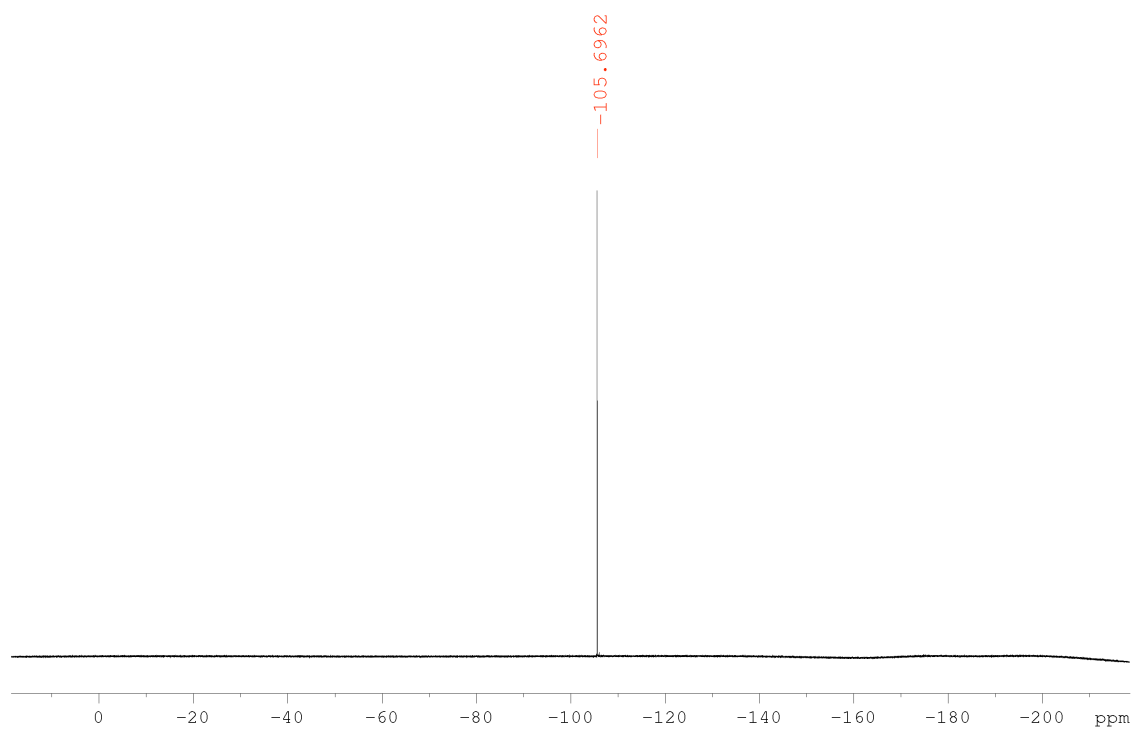
[¹H, ¹³C, and ¹⁹F NMR Spectra of **3ca**]



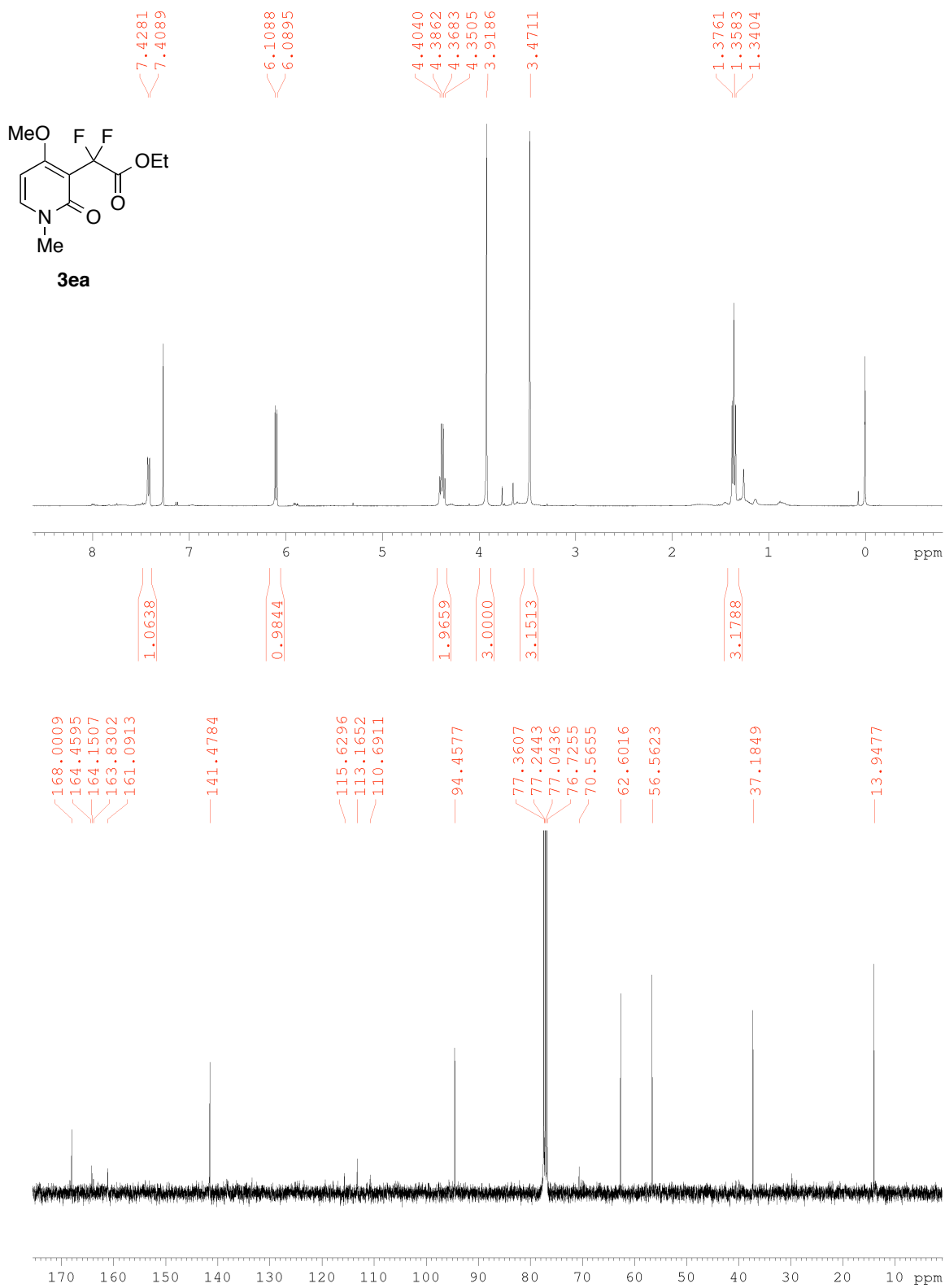


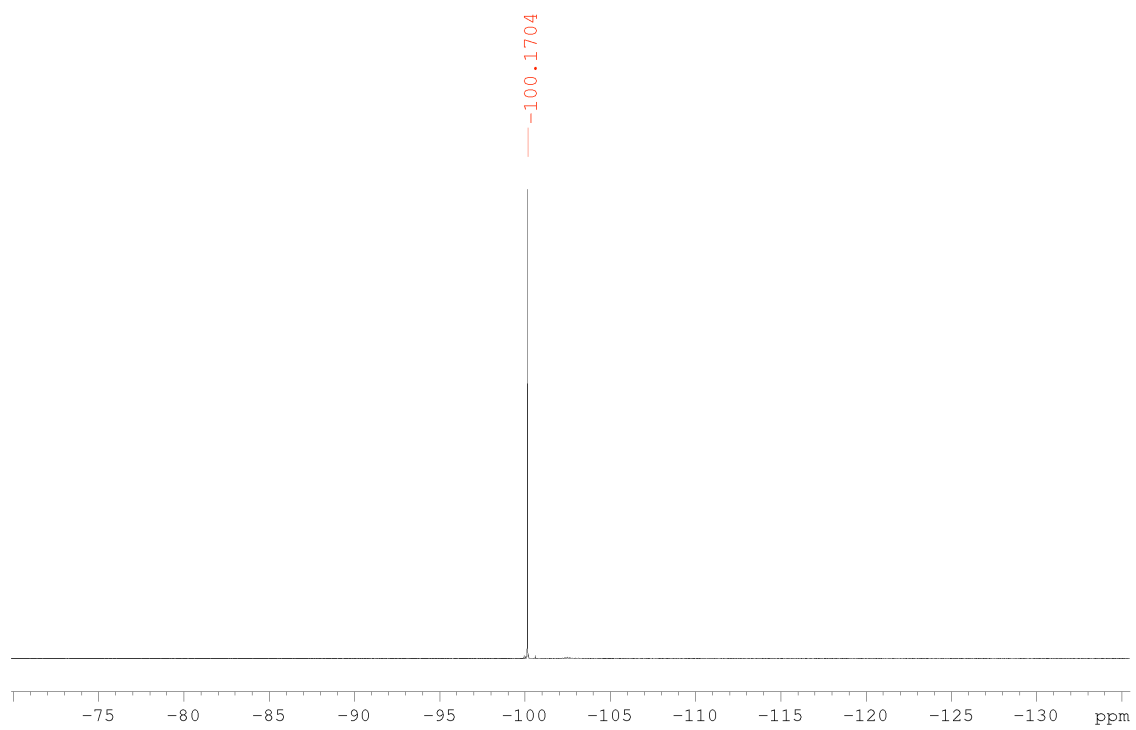
[¹H, ¹³C, and ¹⁹F NMR Spectra of **3da**]



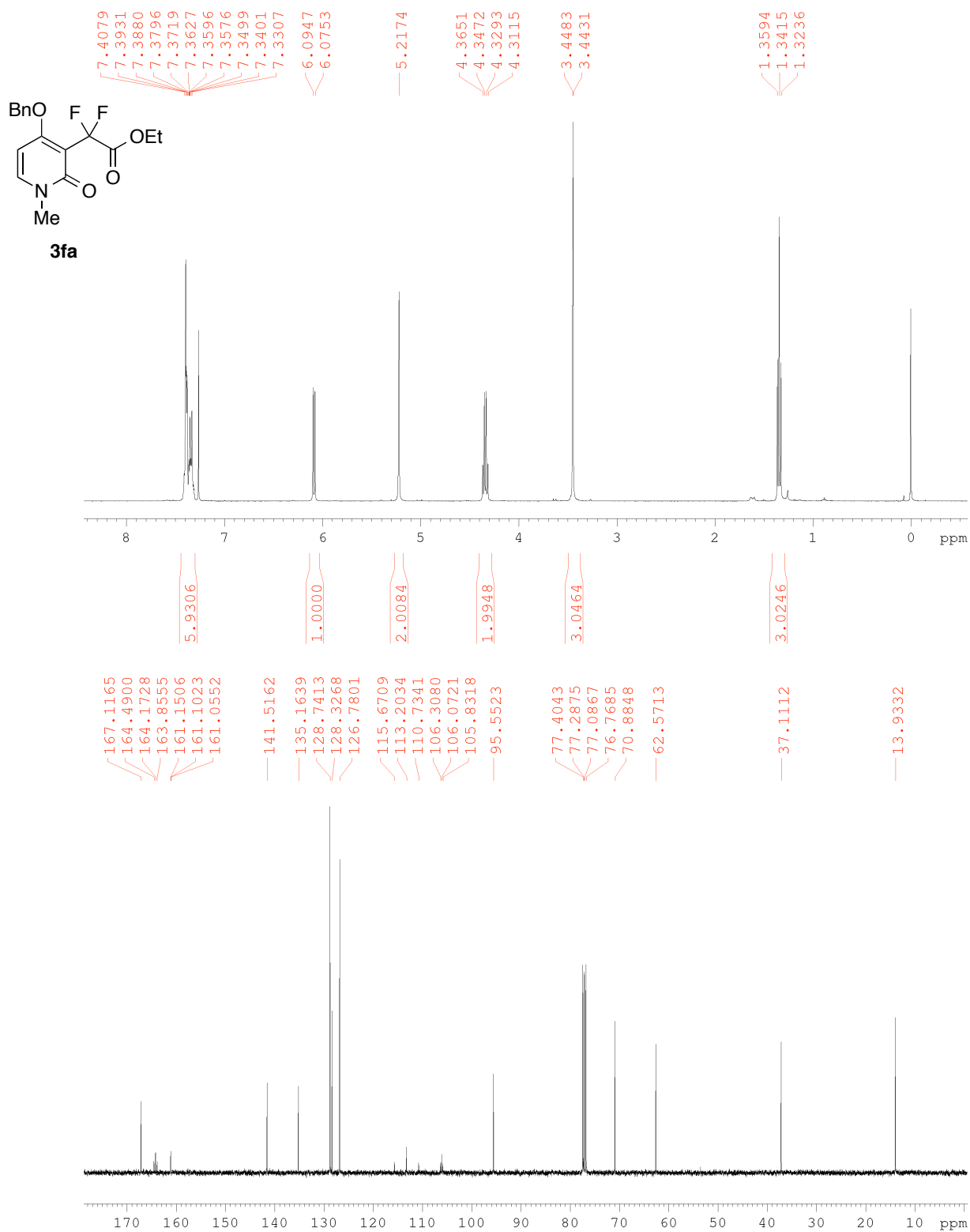


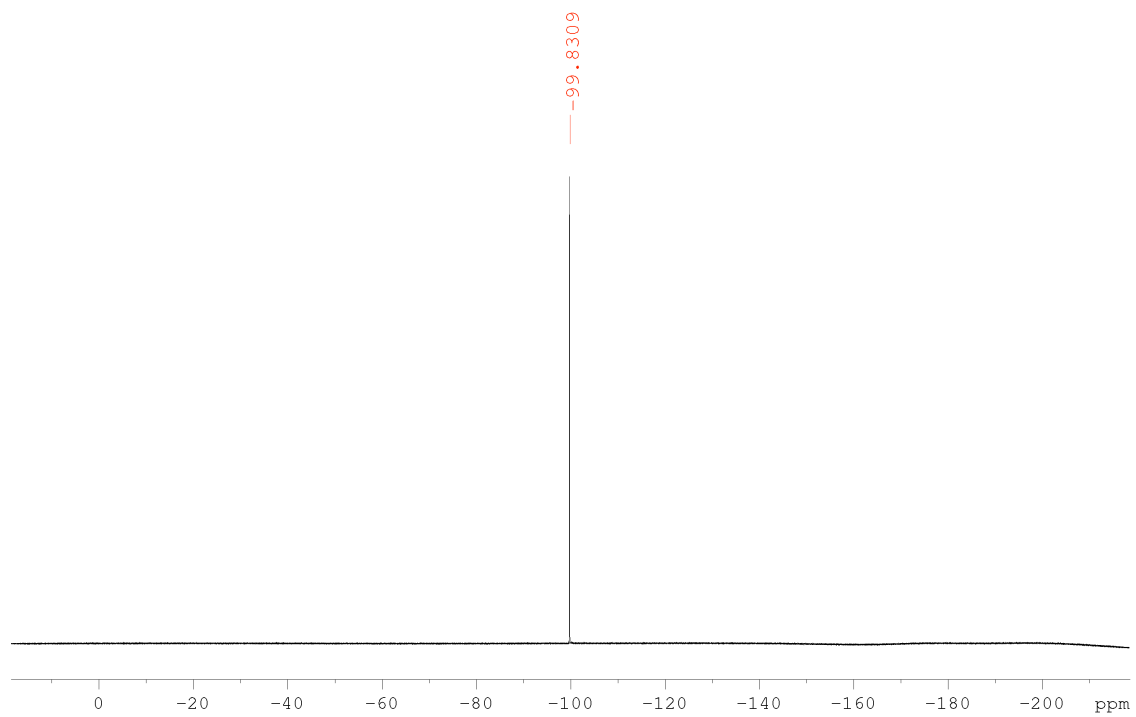
[¹H, ¹³C, and ¹⁹F NMR Spectra of **3ea**]



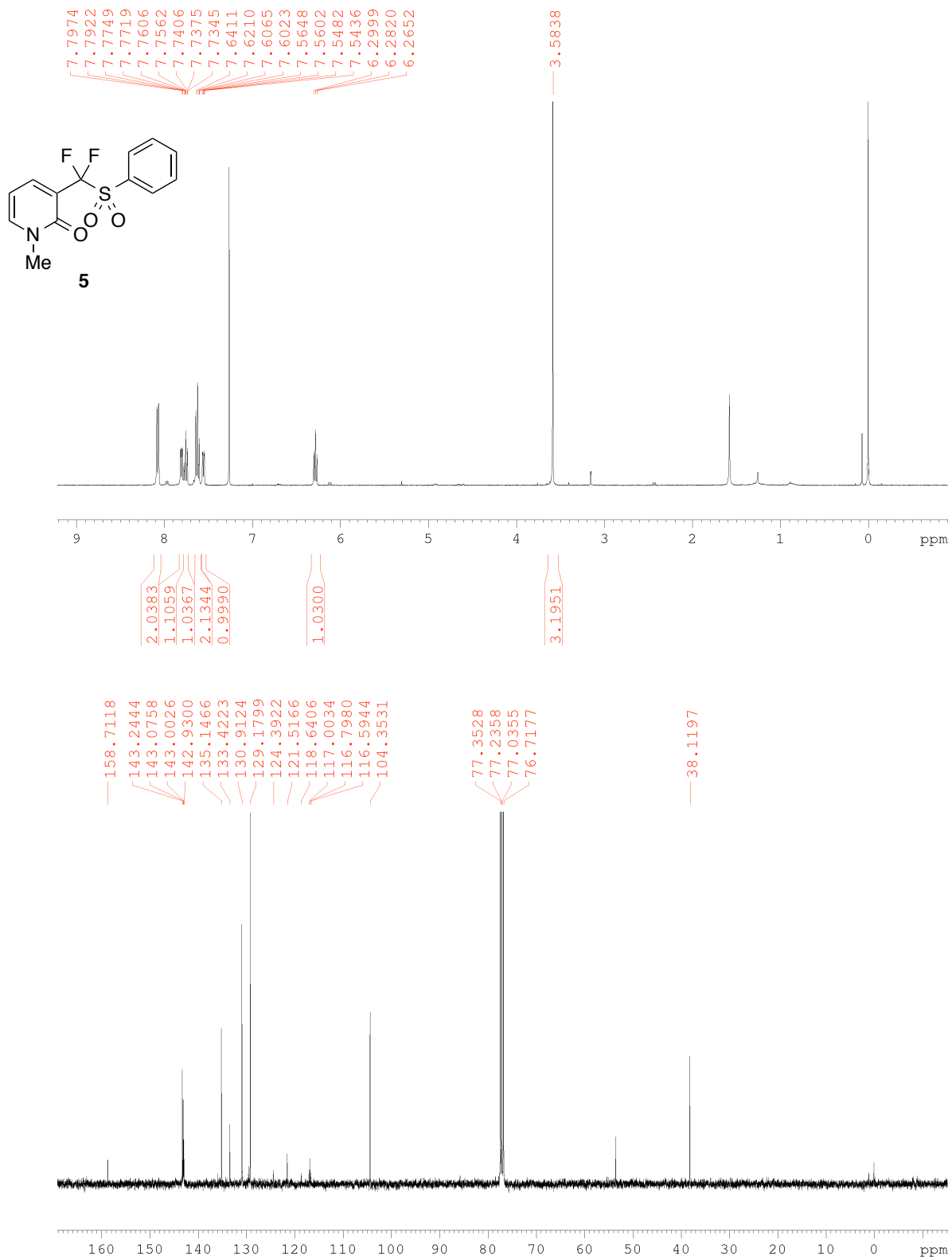


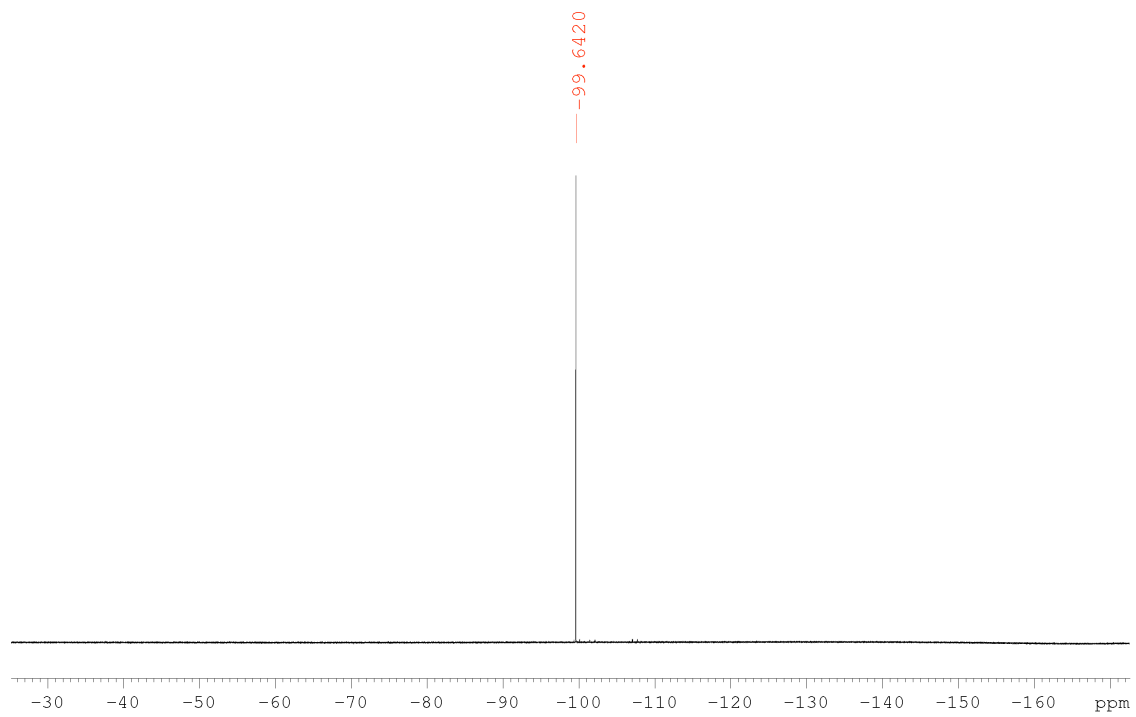
[¹H, ¹³C, and ¹⁹F NMR Spectra of **3fa**]



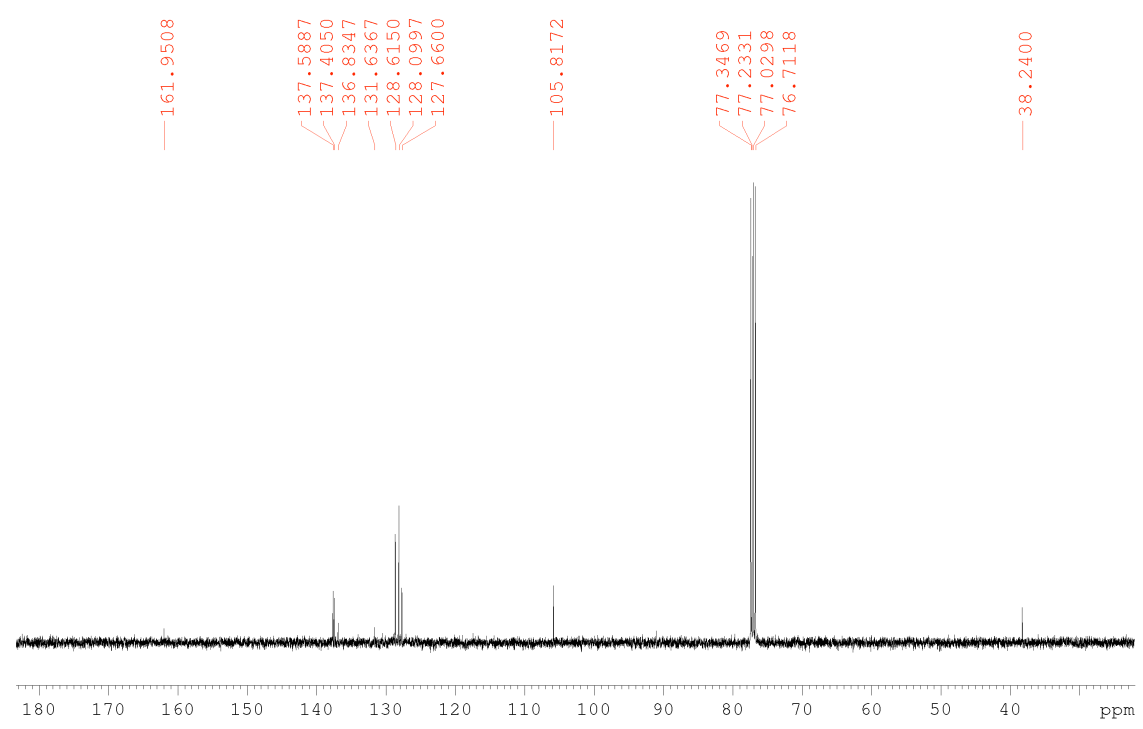
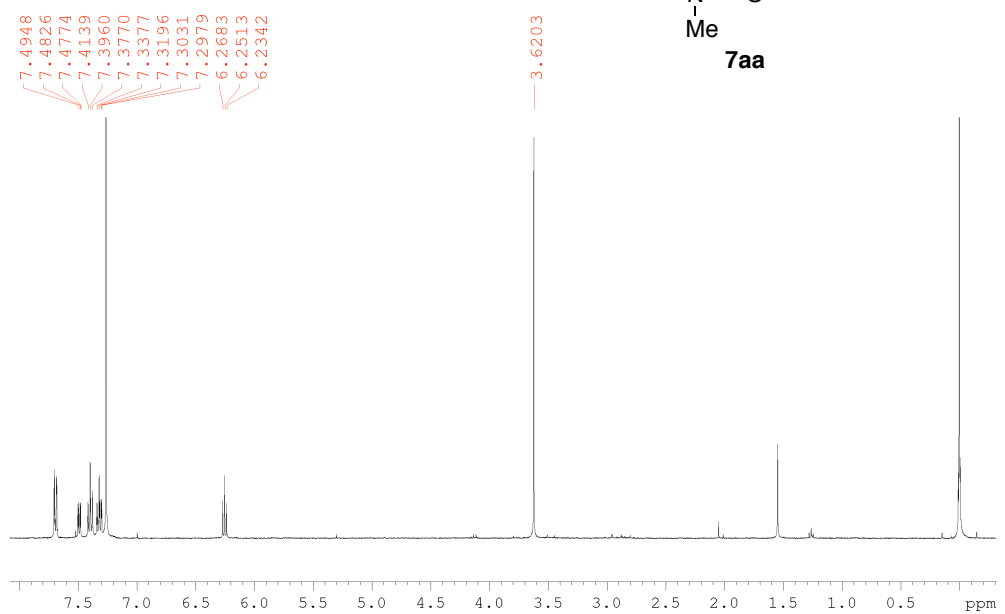
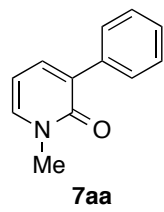


[¹H, ¹³C, and ¹⁹F NMR Spectra of **5**]

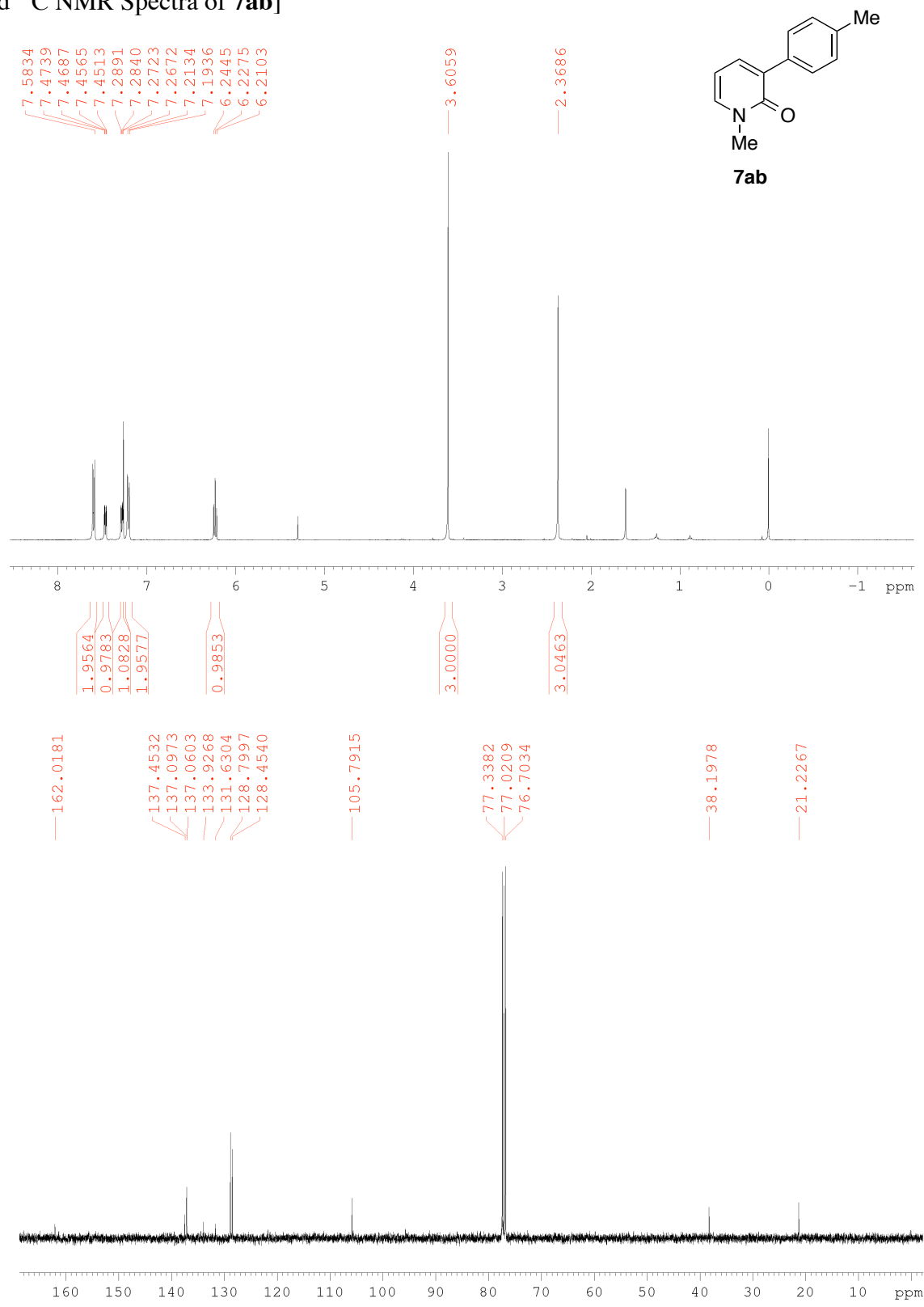




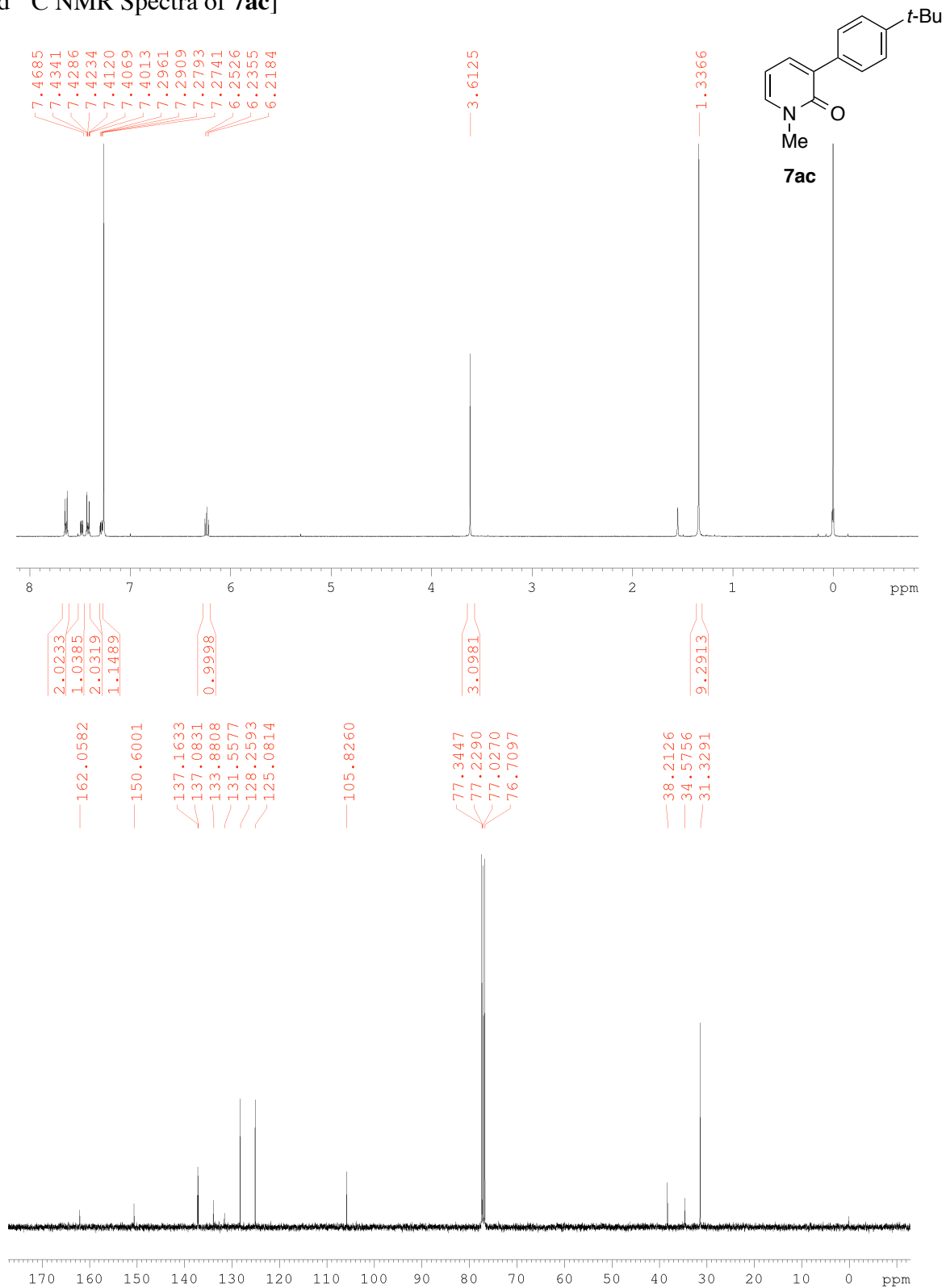
[¹H and ¹³C NMR Spectra of **7aa**]



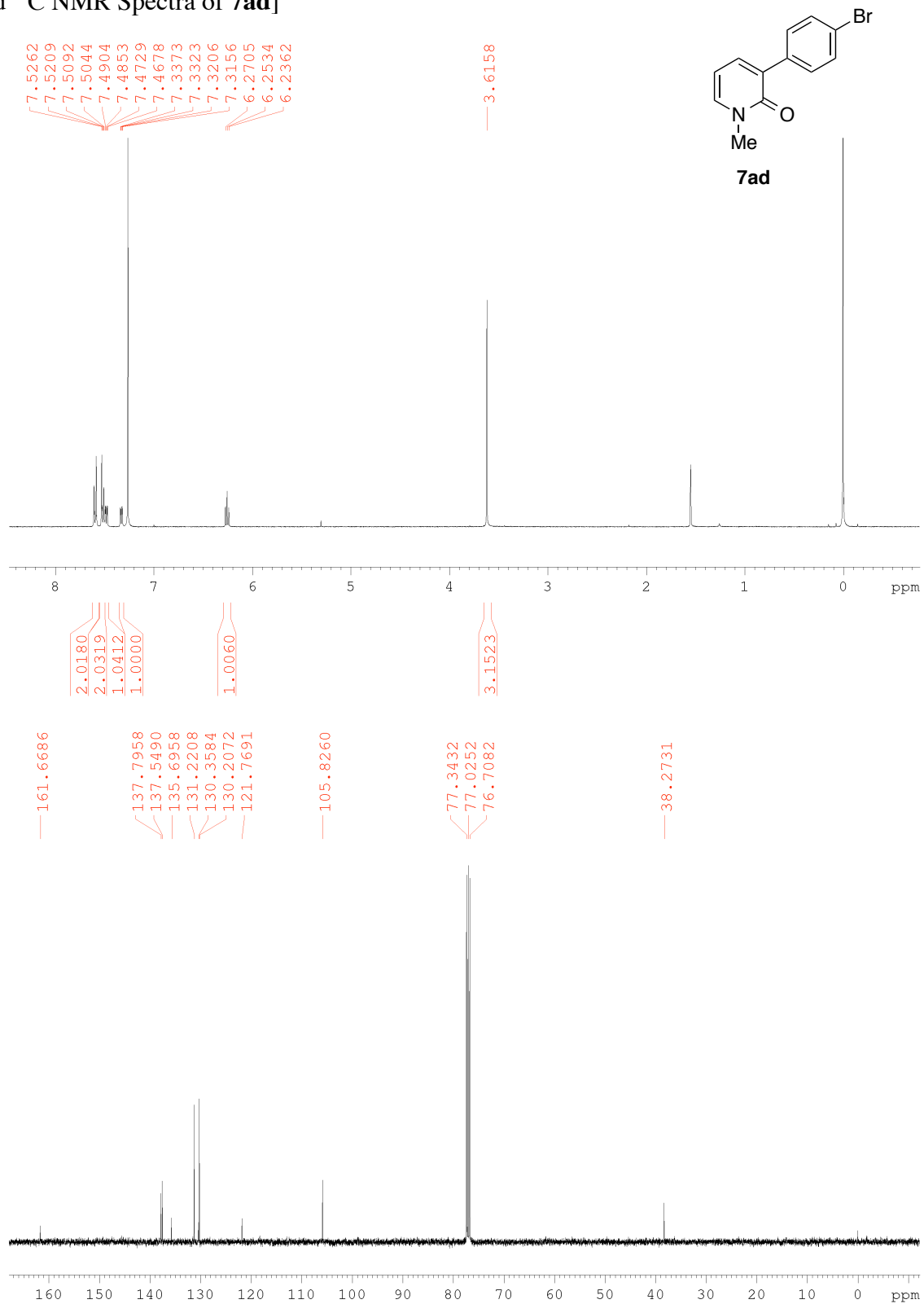
[¹H and ¹³C NMR Spectra of 7ab]



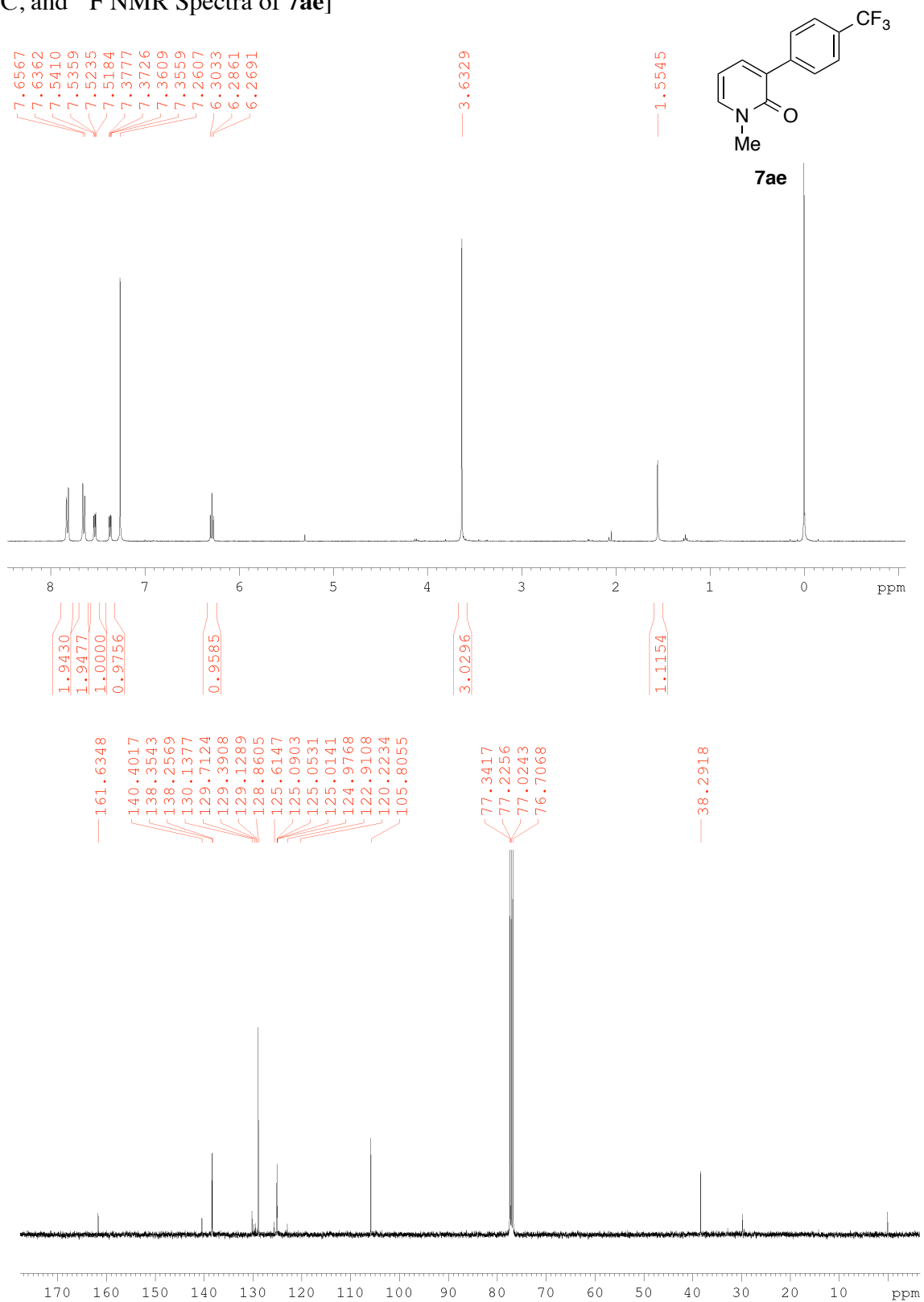
[¹H and ¹³C NMR Spectra of **7ac**]

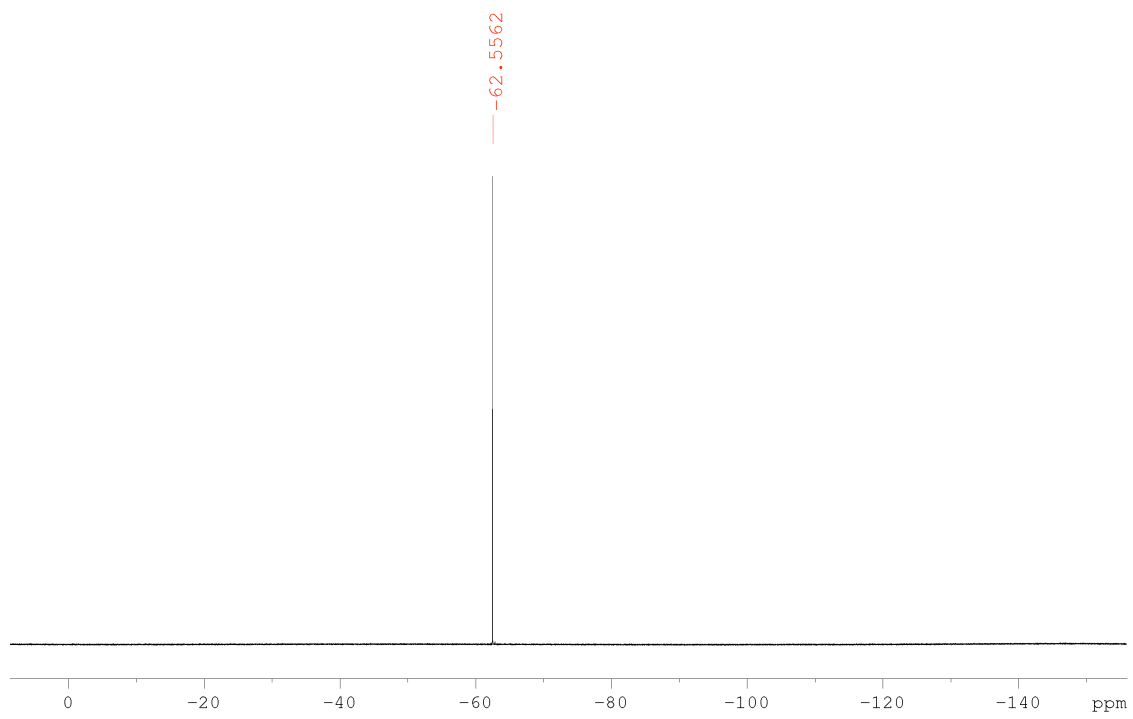


[¹H and ¹³C NMR Spectra of 7ad]

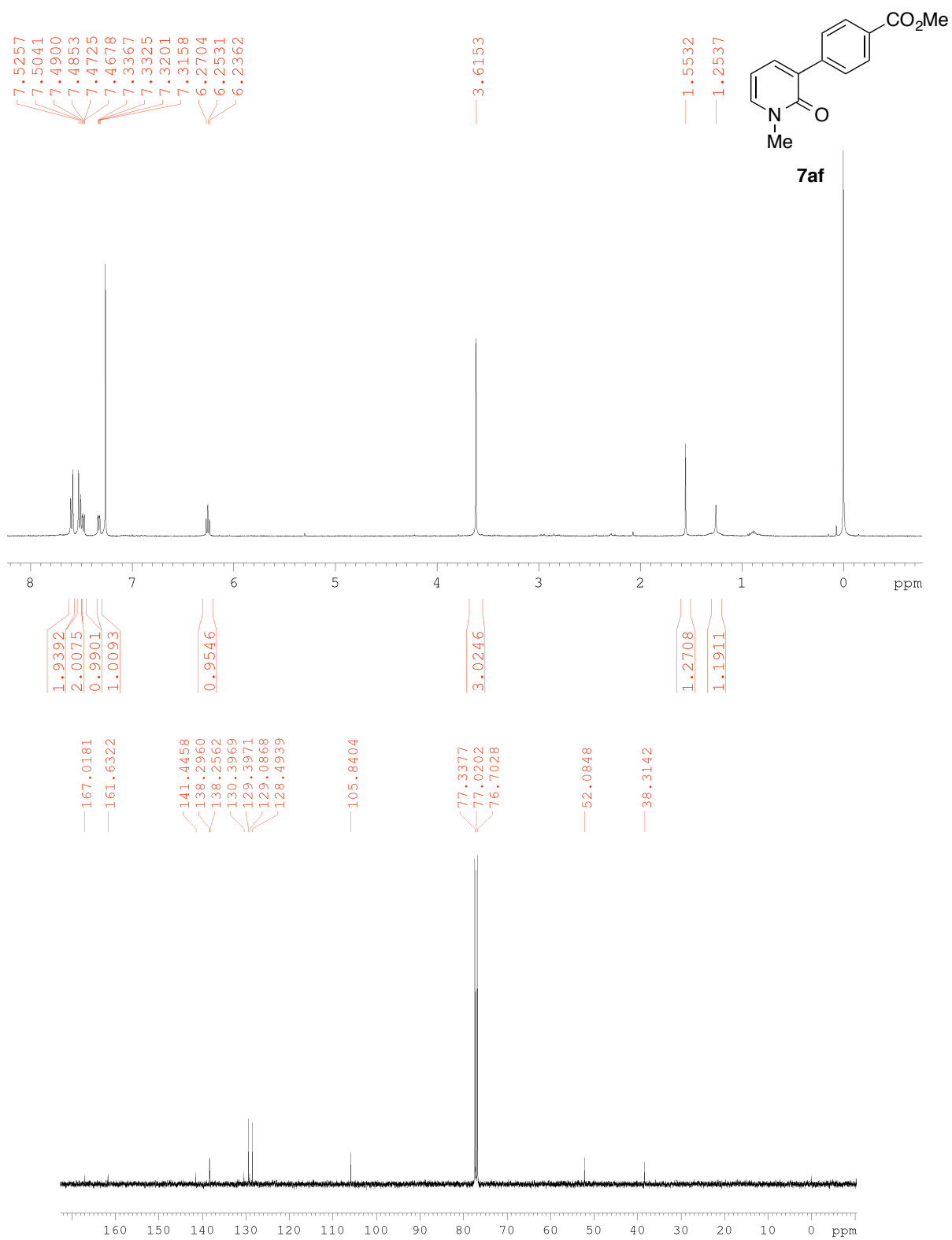


[¹H, ¹³C, and ¹⁹F NMR Spectra of **7ae**]

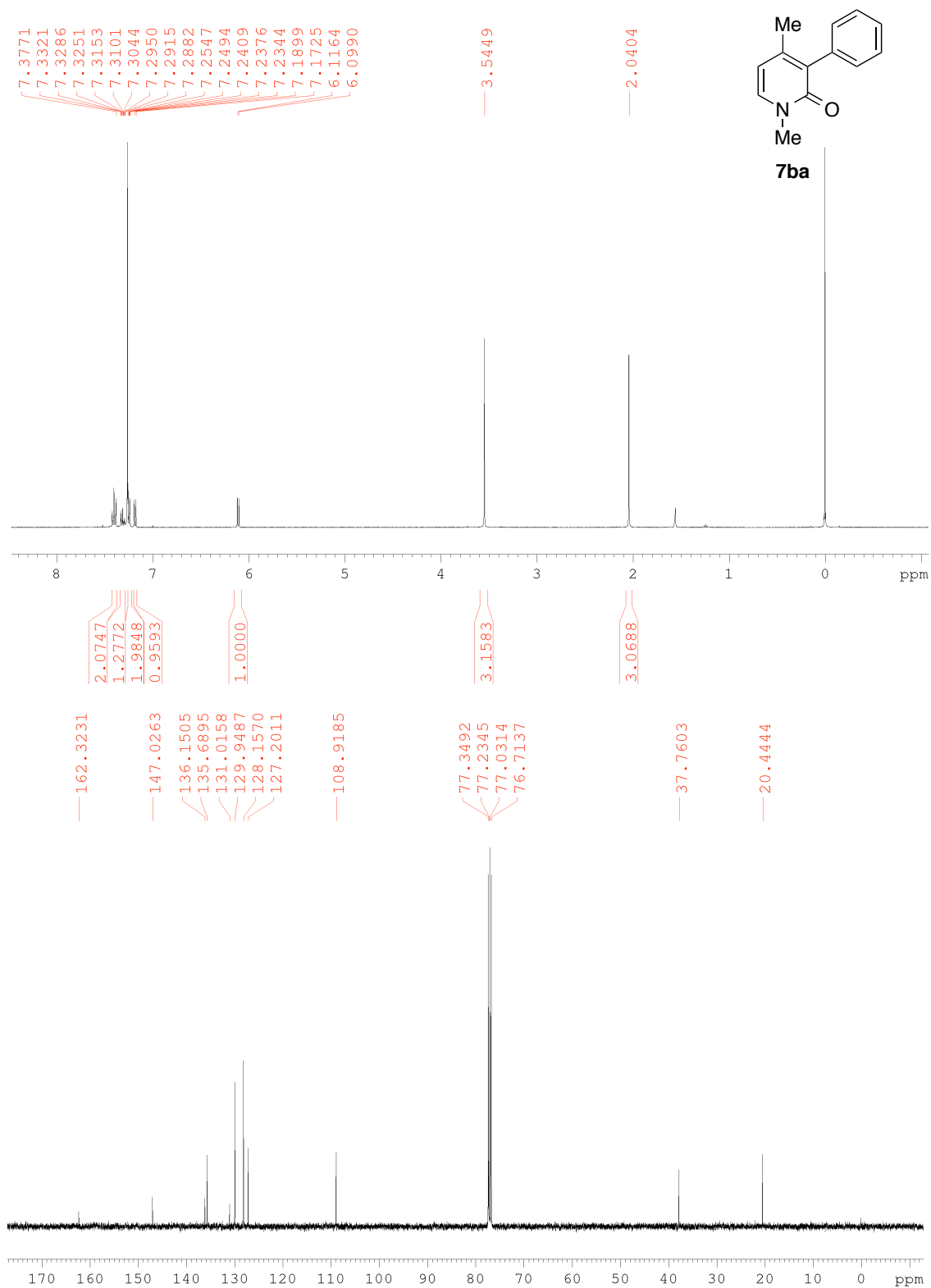




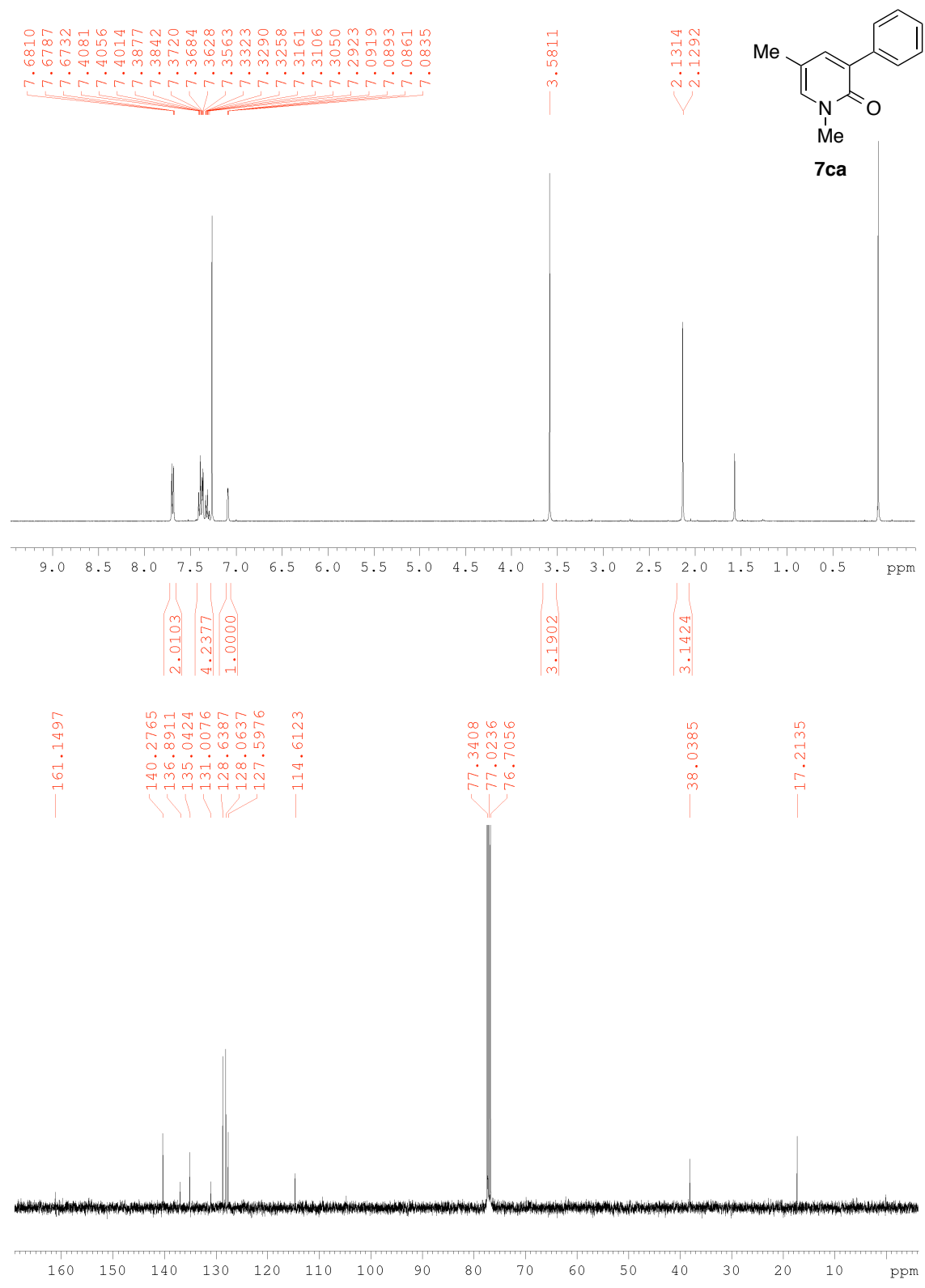
[¹H and ¹³C NMR Spectra of **7af**]



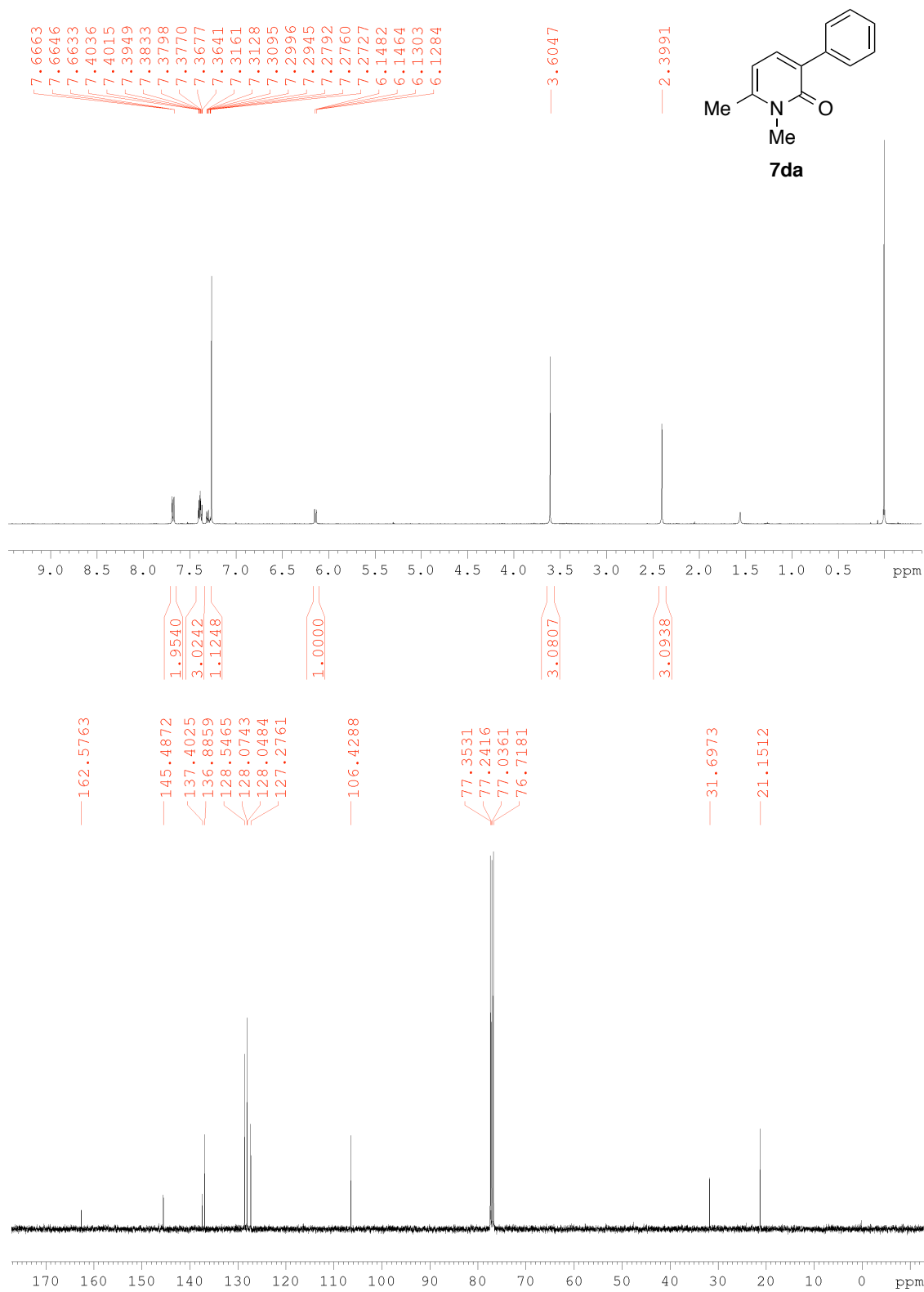
[¹H and ¹³C NMR Spectra of 7ba]



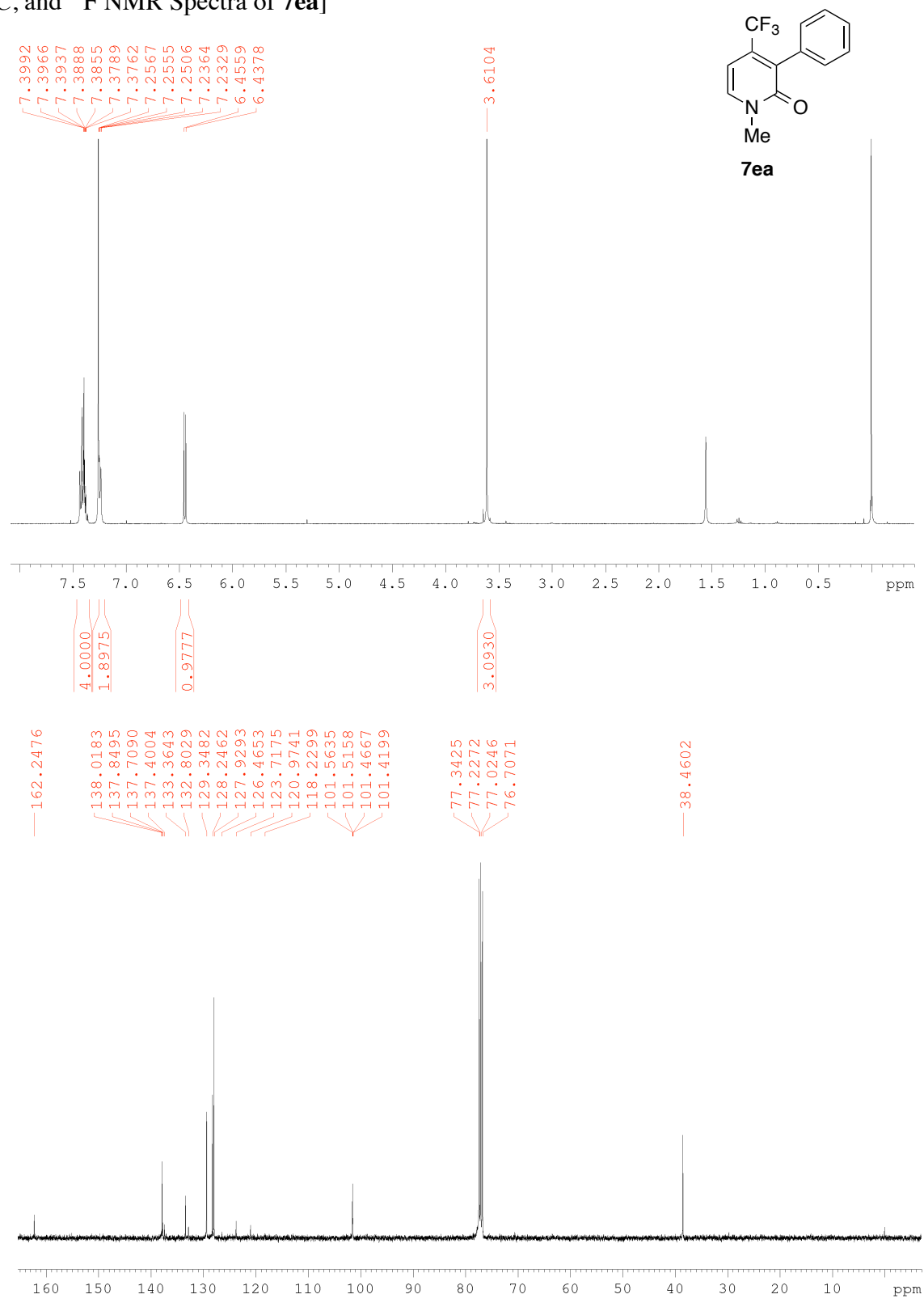
[¹H and ¹³C NMR Spectra of 7ca]

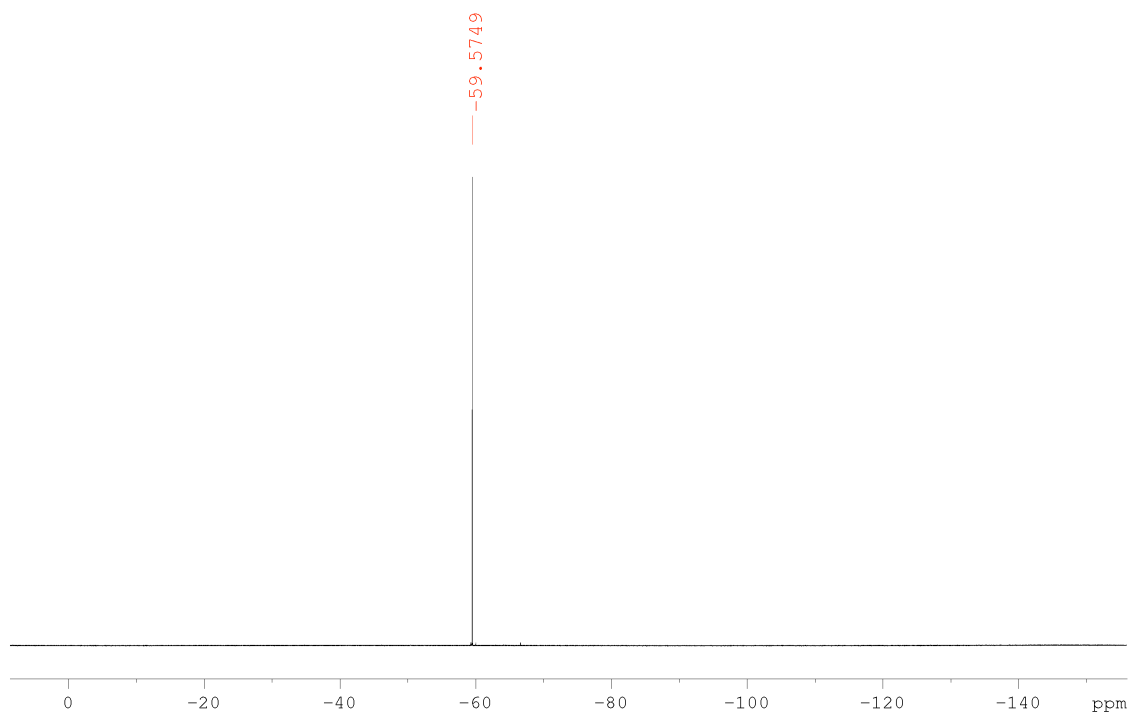


[¹H and ¹³C NMR Spectra of **7da**]

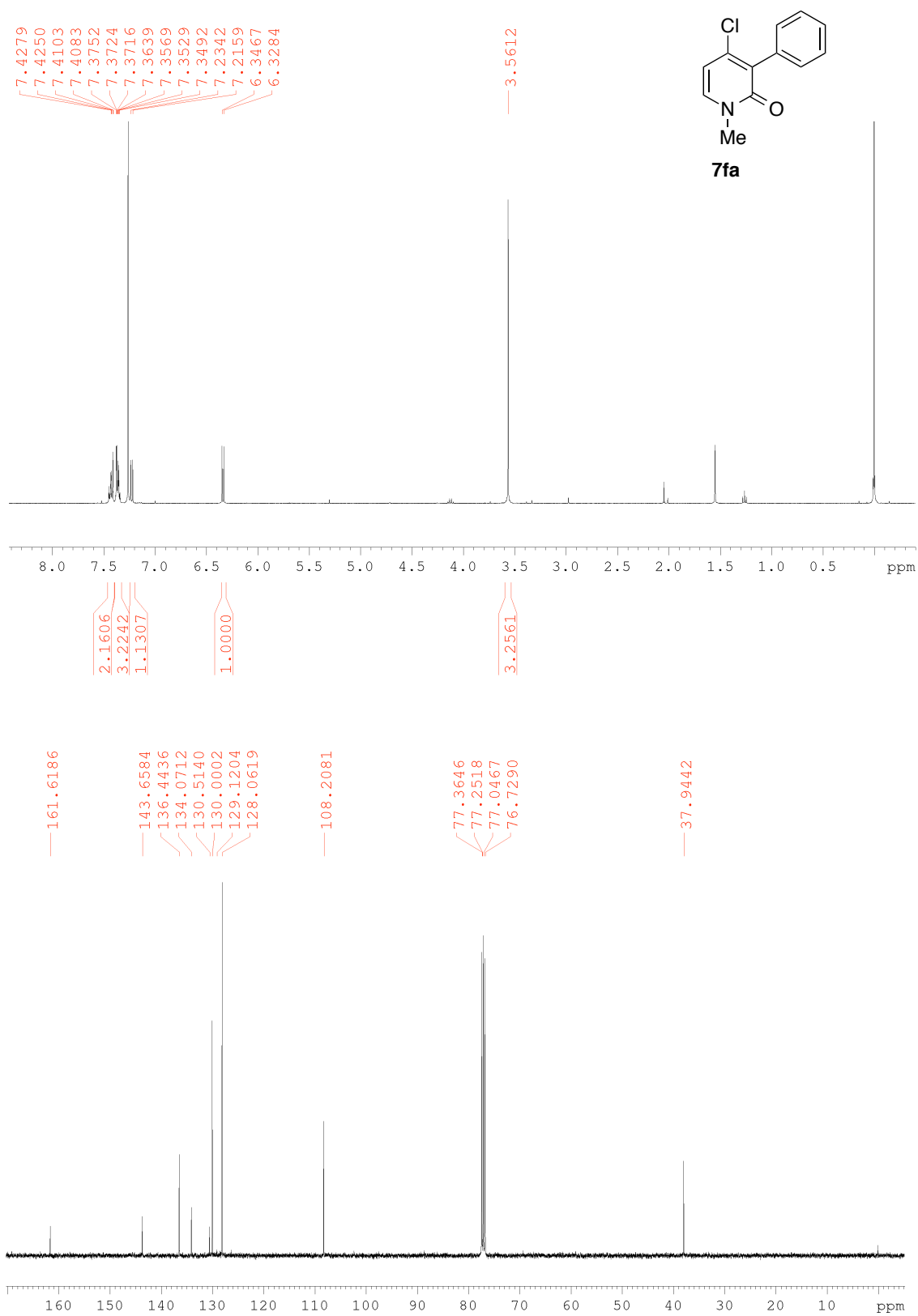


[¹H, ¹³C, and ¹⁹F NMR Spectra of **7ea**]

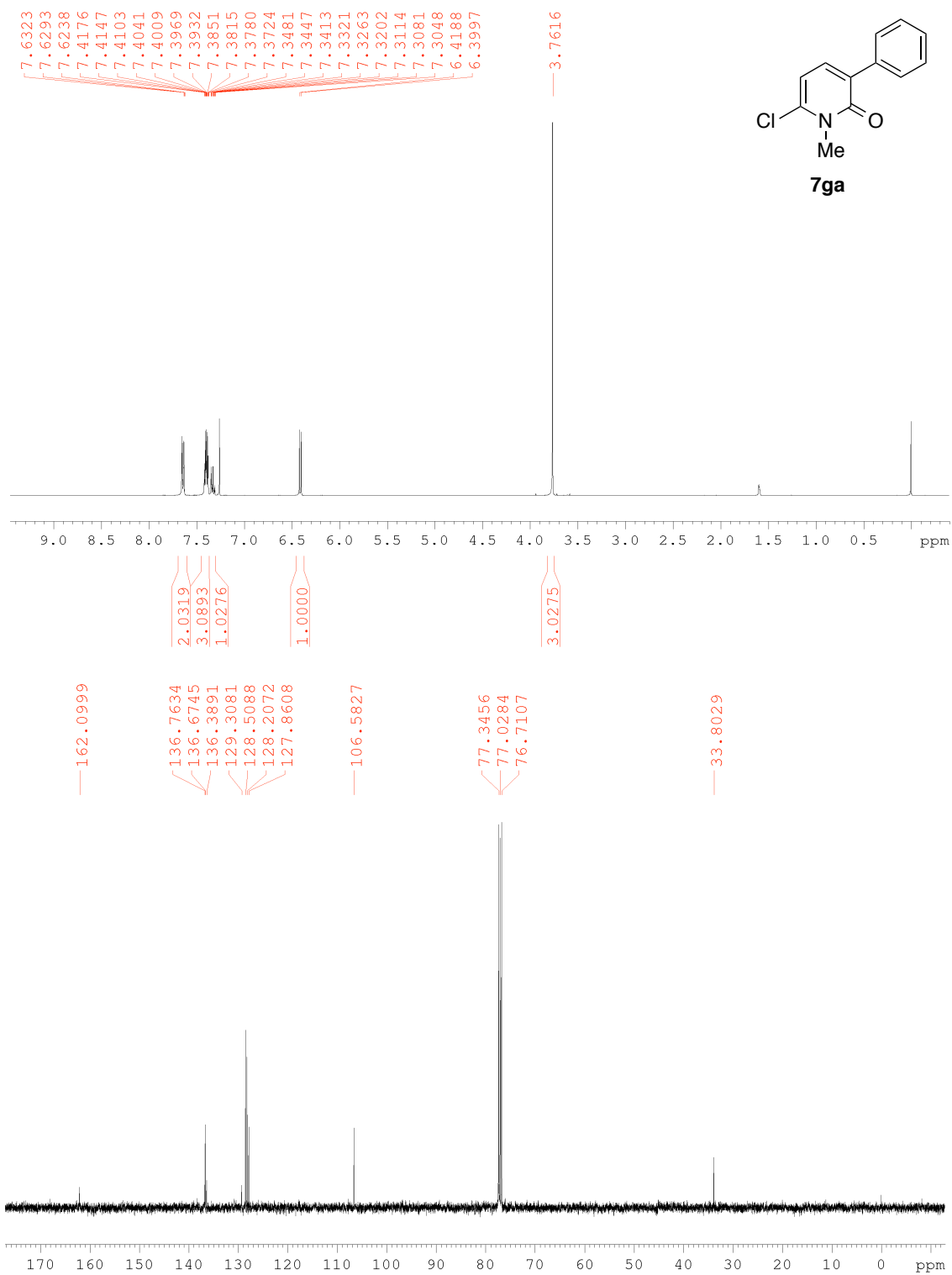




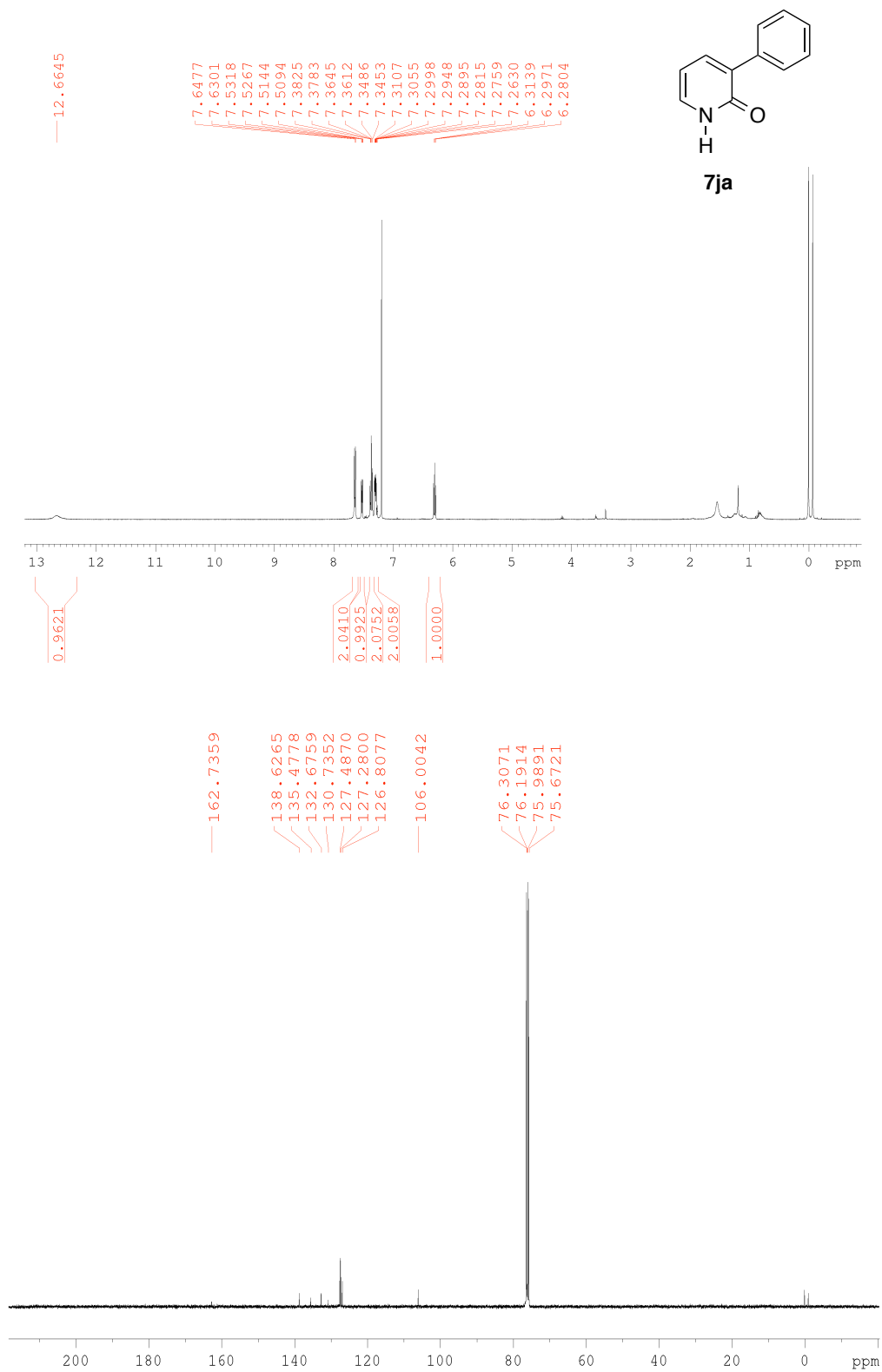
[¹H and ¹³C NMR Spectra of 7fa]



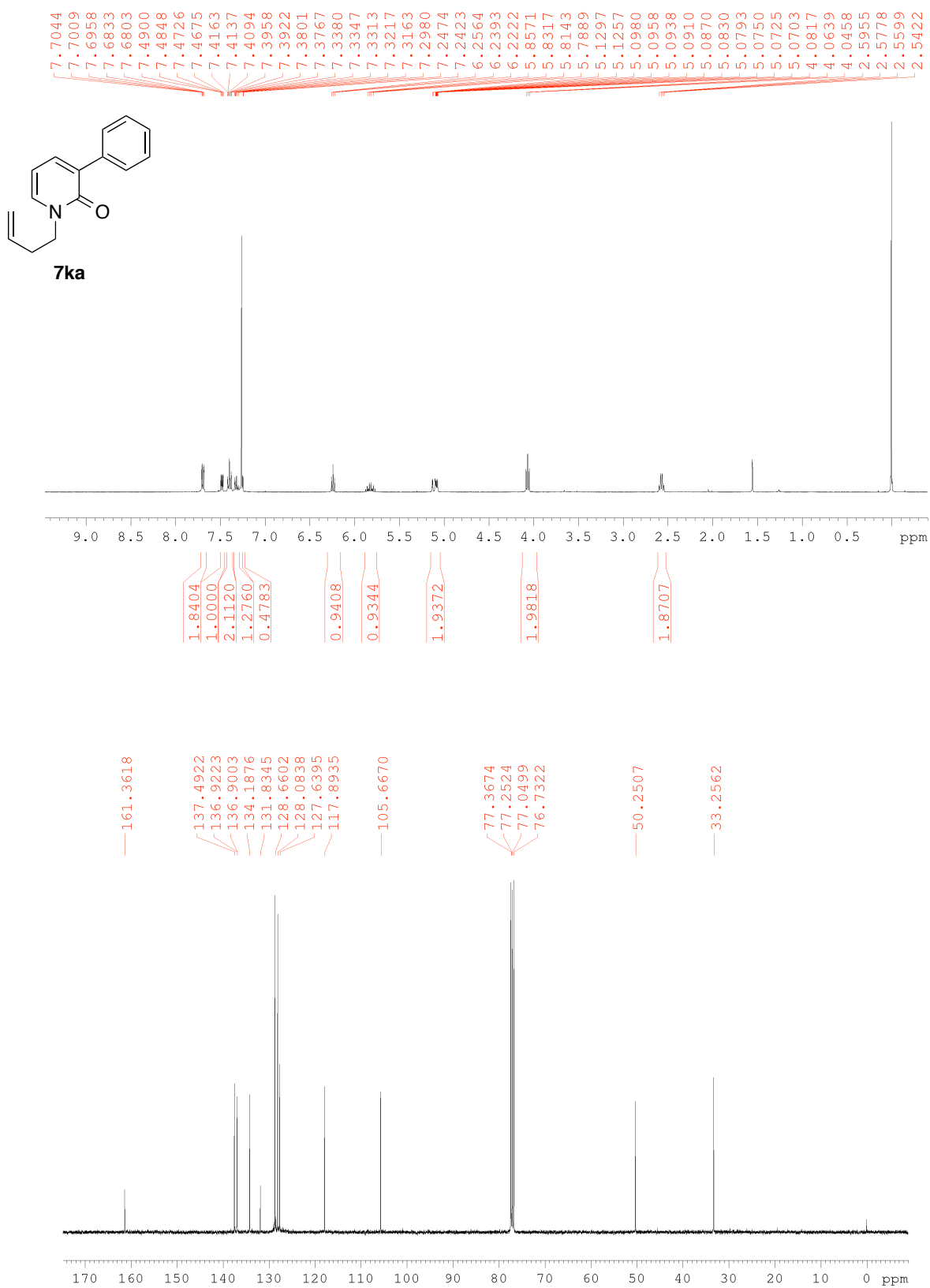
[¹H and ¹³C NMR Spectra of 7ga]



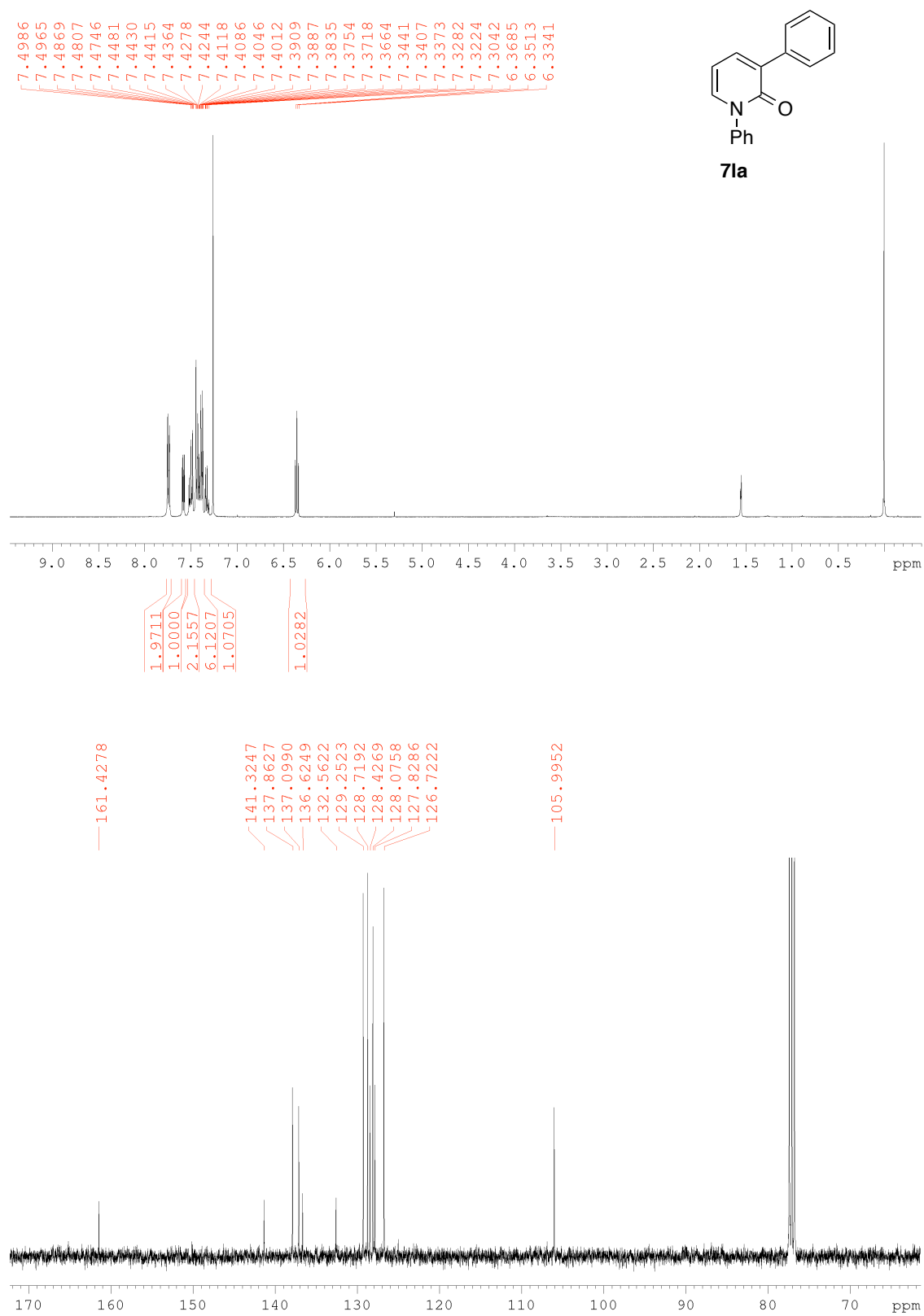
[¹H and ¹³C NMR Spectra of 7ja]



[¹H and ¹³C NMR Spectra of **7ka**]



[¹H and ¹³C NMR Spectra of **7la**]



[¹H and ¹³C NMR Spectra of **9**]

