

Supporting Information

Visible-light-induced radical trifluoromethylthiolation of *N-(o-cyanobiaryl)acrylamides*

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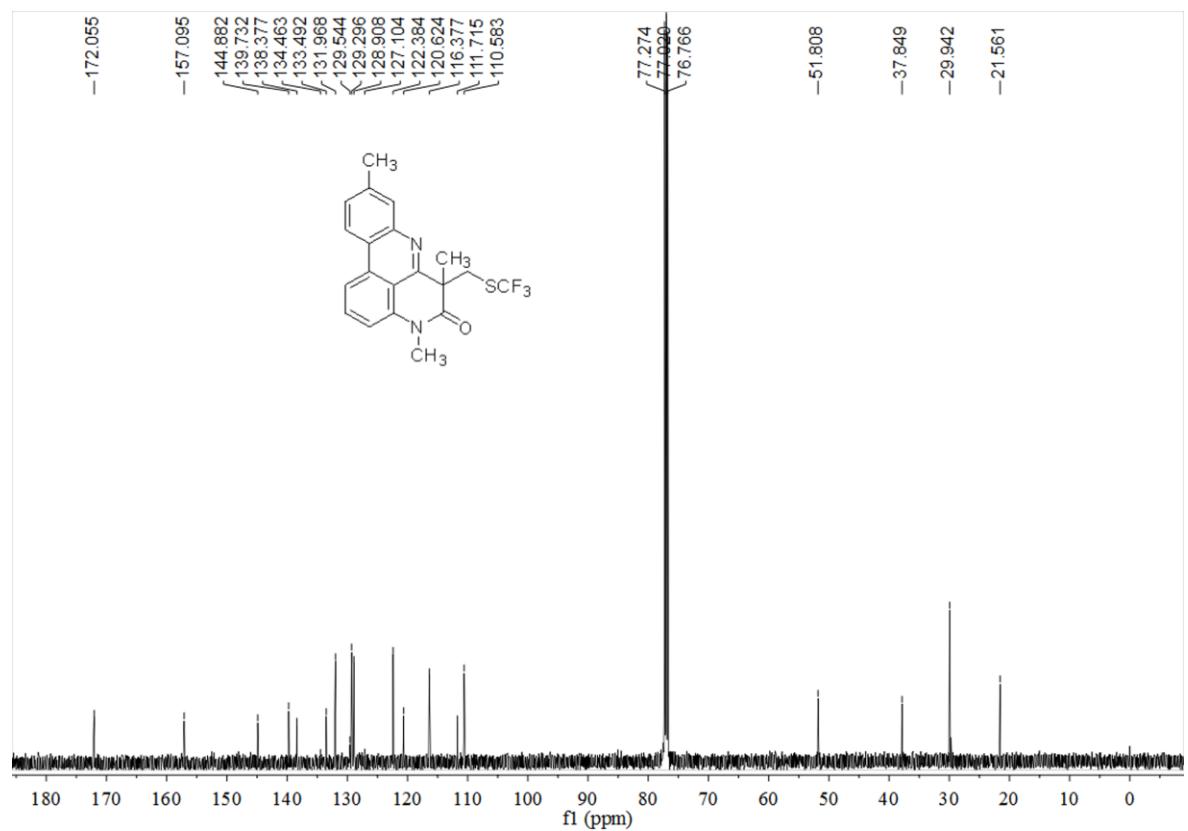
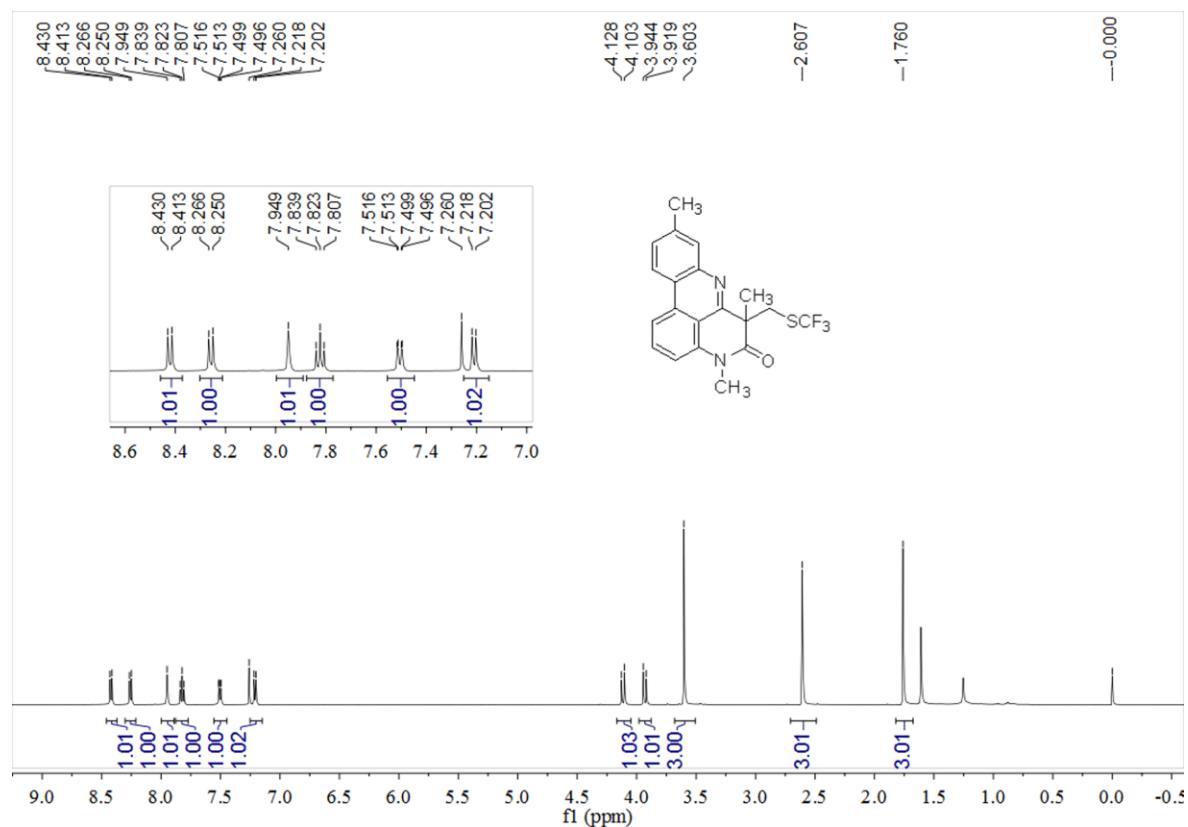
E-Mail: wjfu@lynu.edu.cn

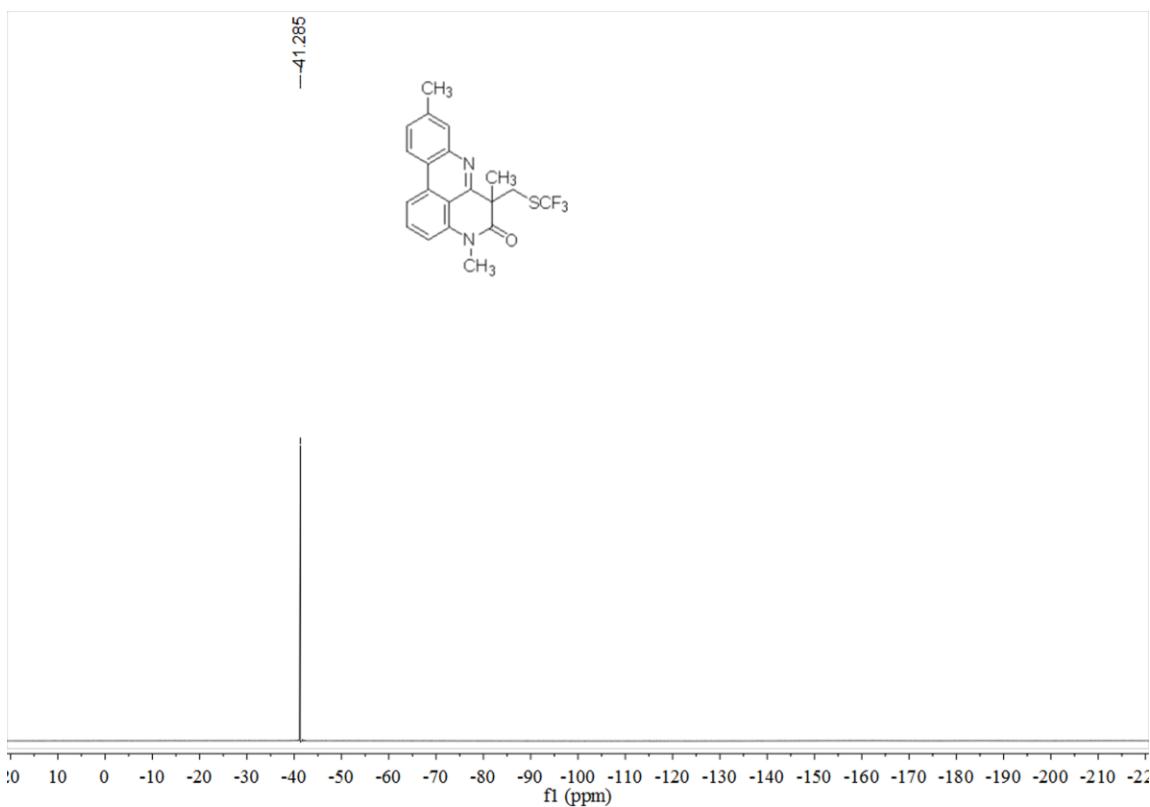
b. State Key Laboratory Base of Eco-Chemical Engineering, College of Chemistry and Molecular Engineering, Qingdao University of Science and Technology, Qingdao 266042, P. R. China.

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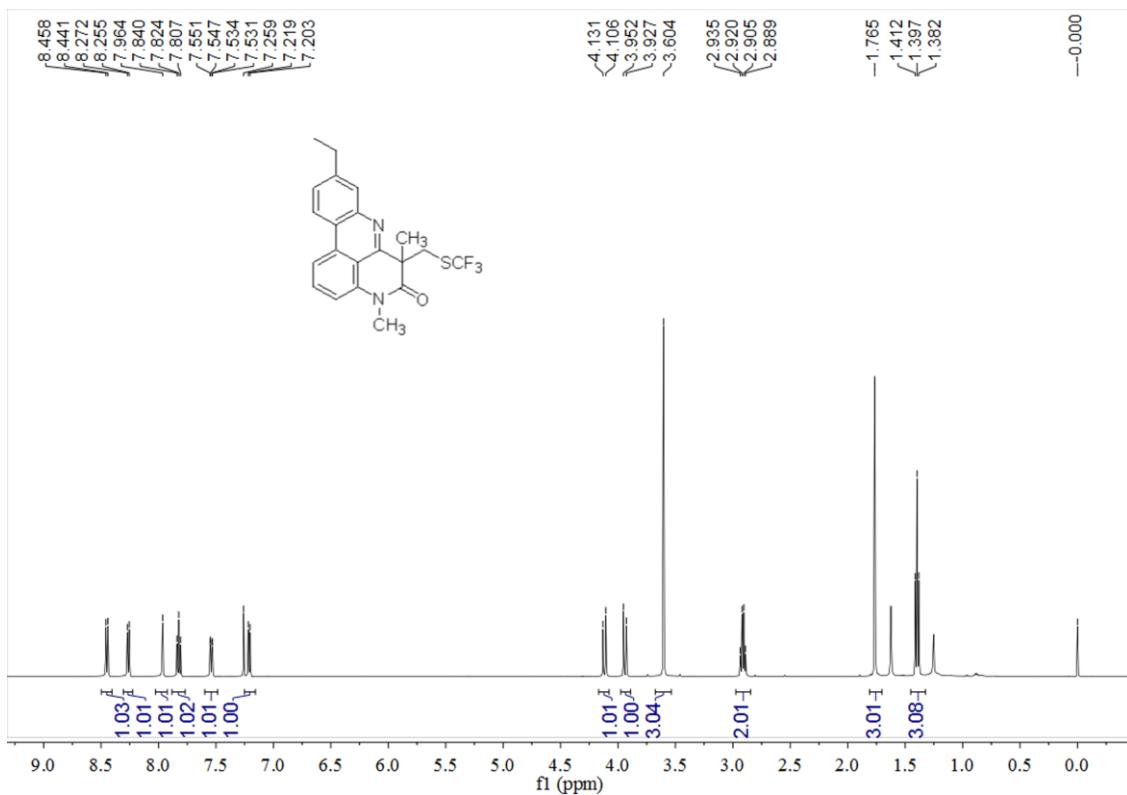
The ¹H NMR, ¹³C NMR and ¹⁹F NMR Spectraof compounds **3a-v**..... 2-34

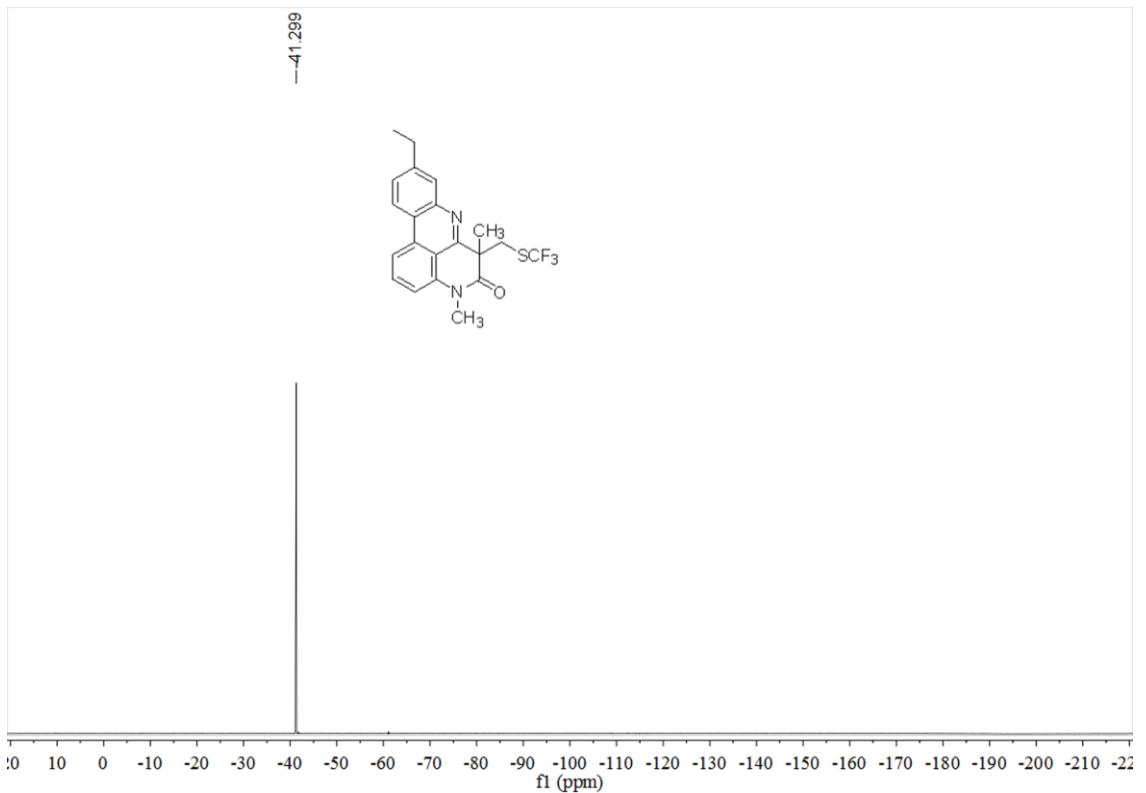
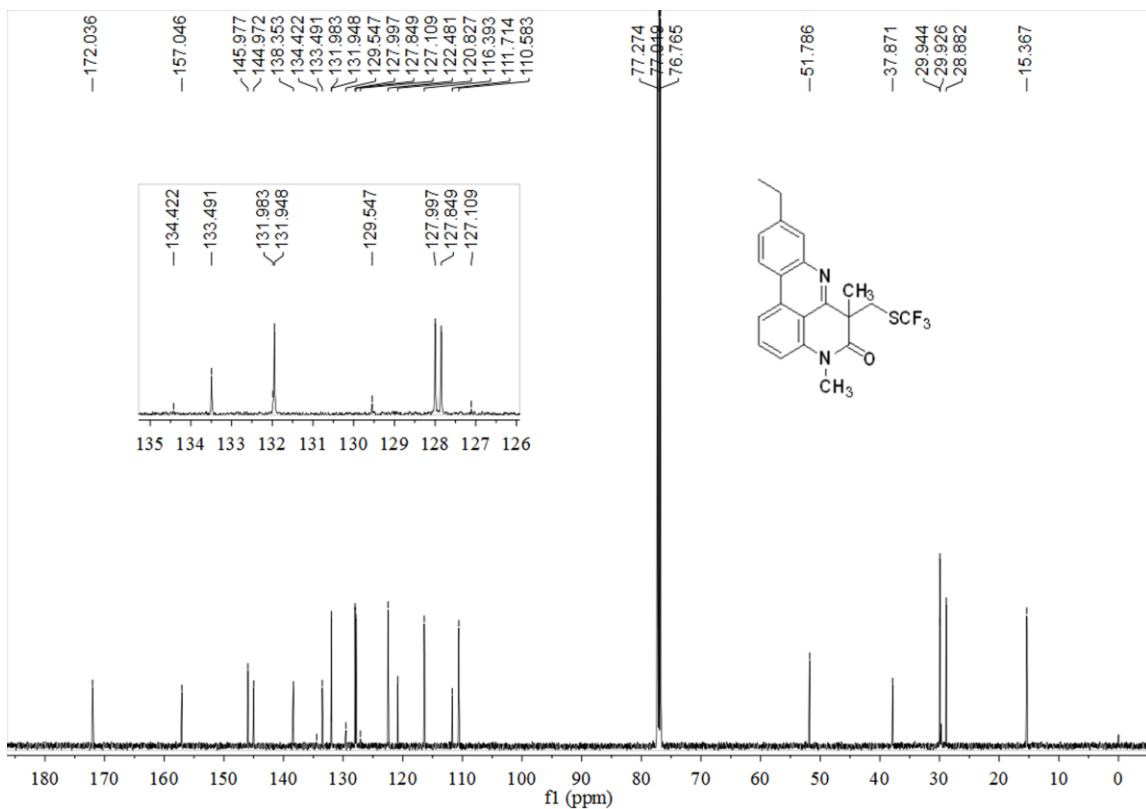
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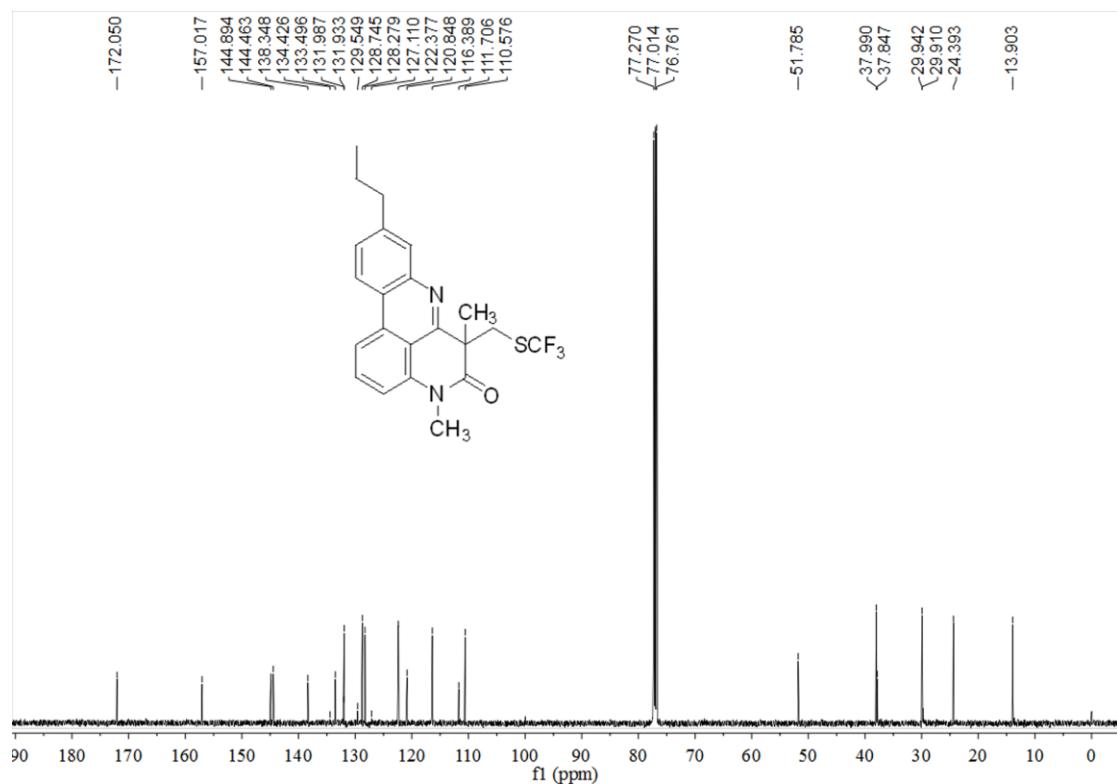
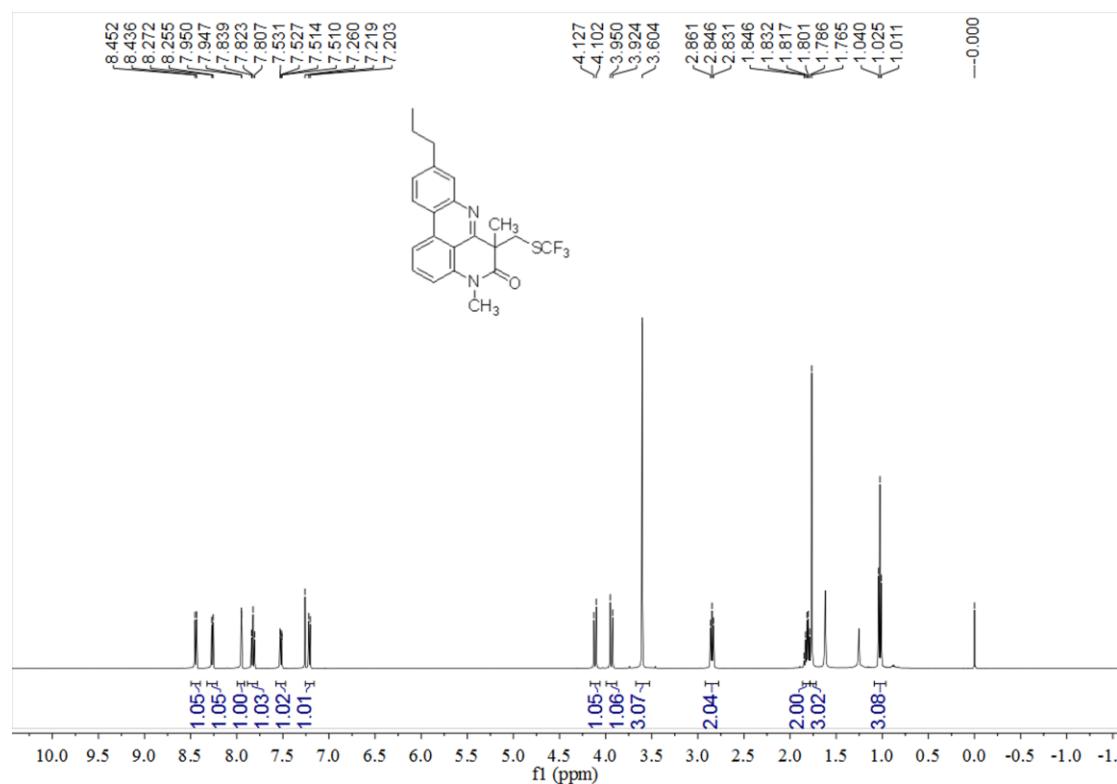


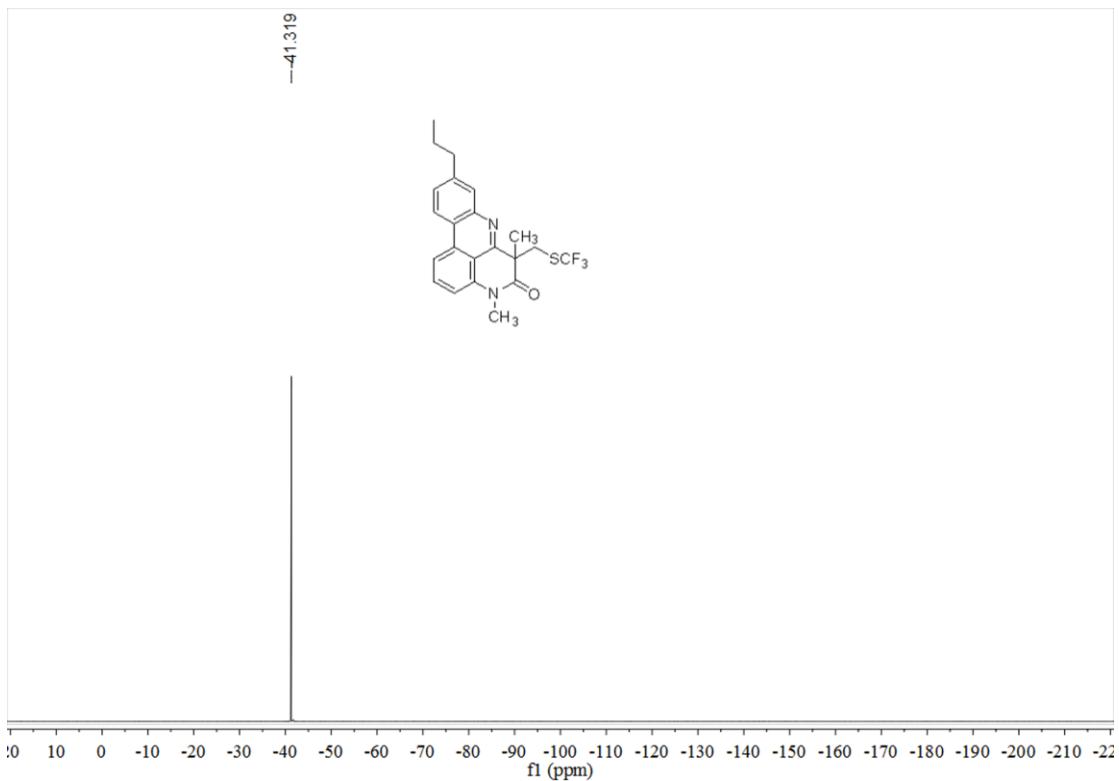
¹H NMR, ¹³C NMR and ¹⁹F NMR spectra of compound **3b**:



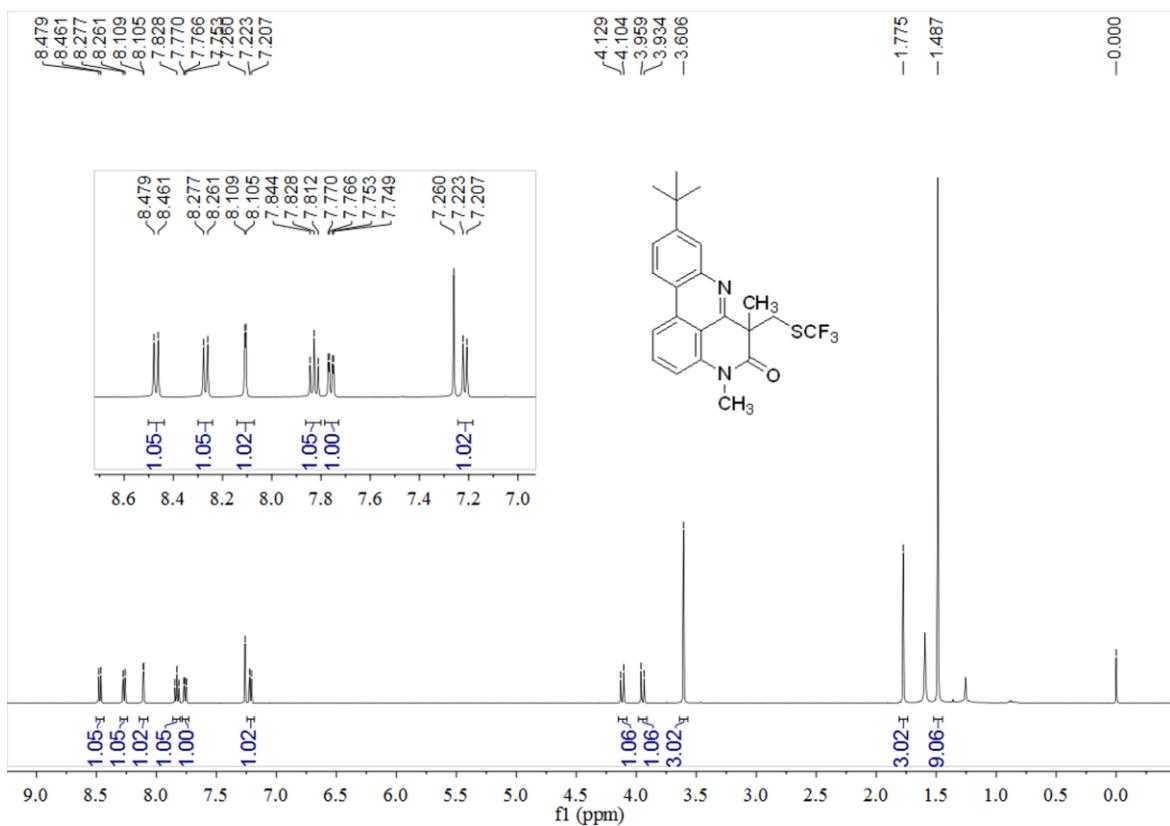


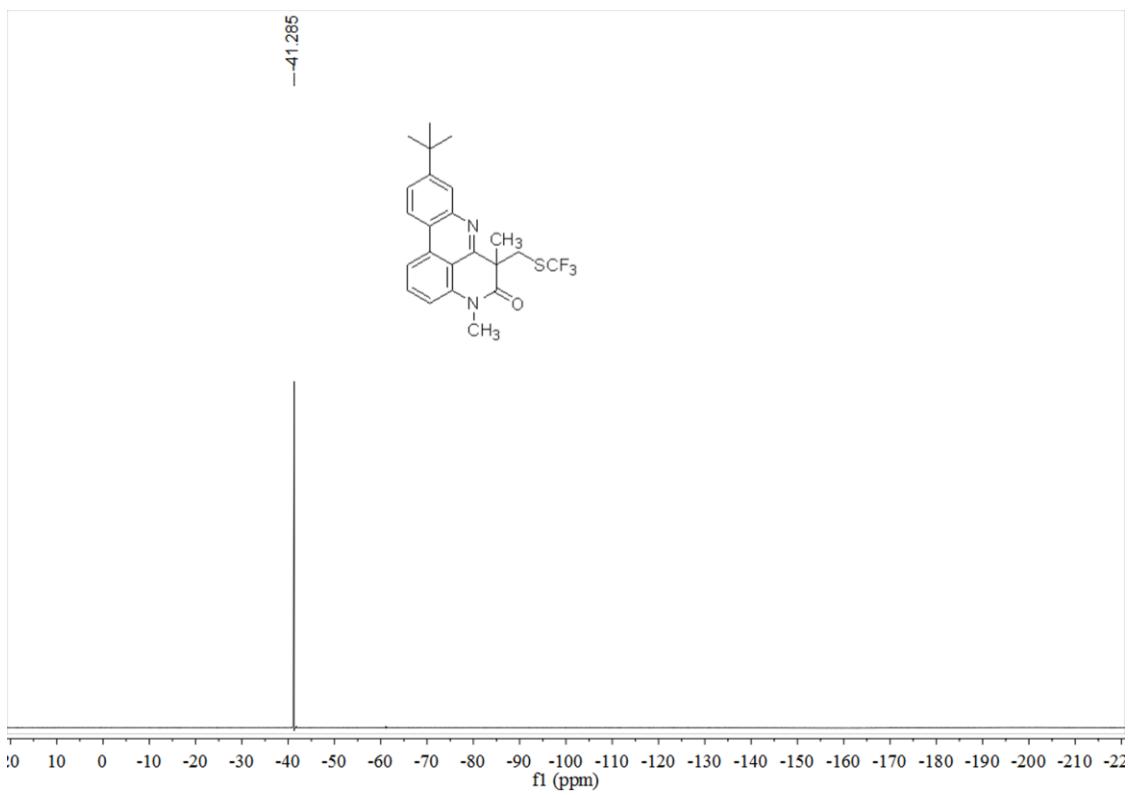
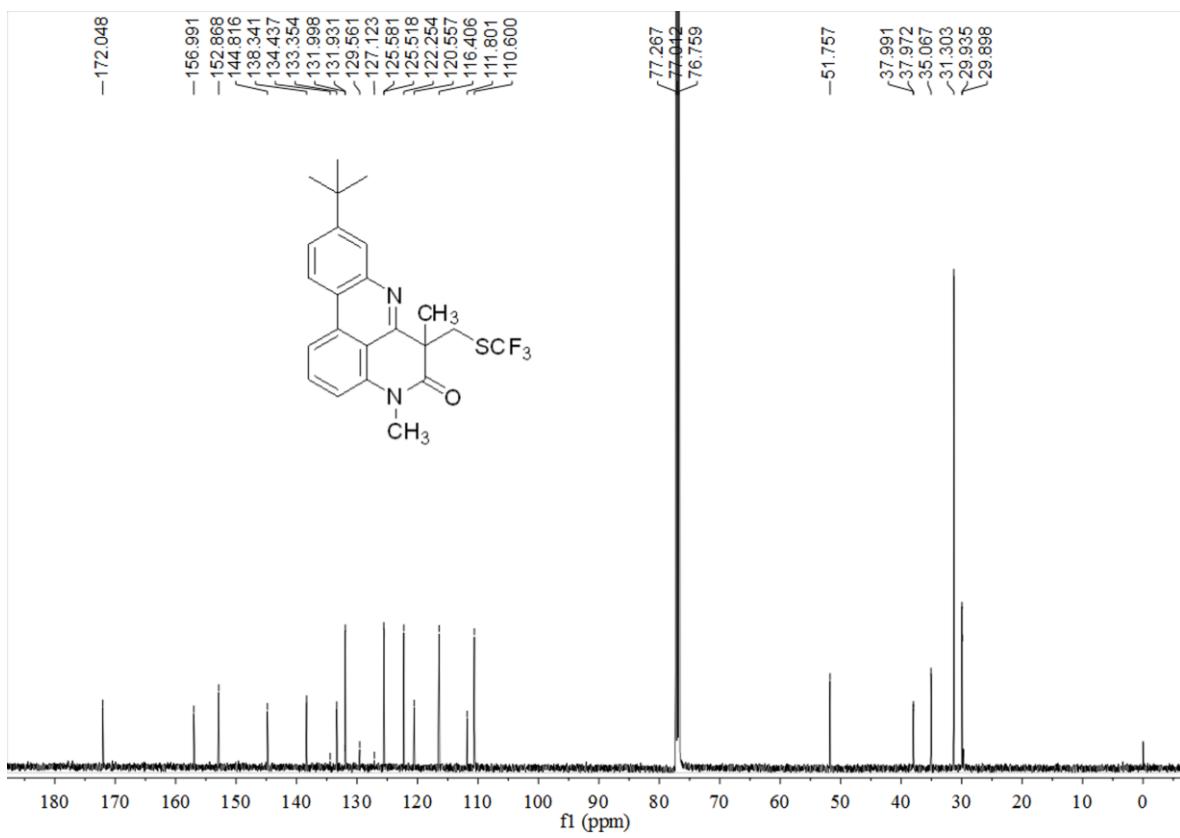
¹H NMR, ¹³C NMR and ¹⁹F NMR spectra of compound **3c**:



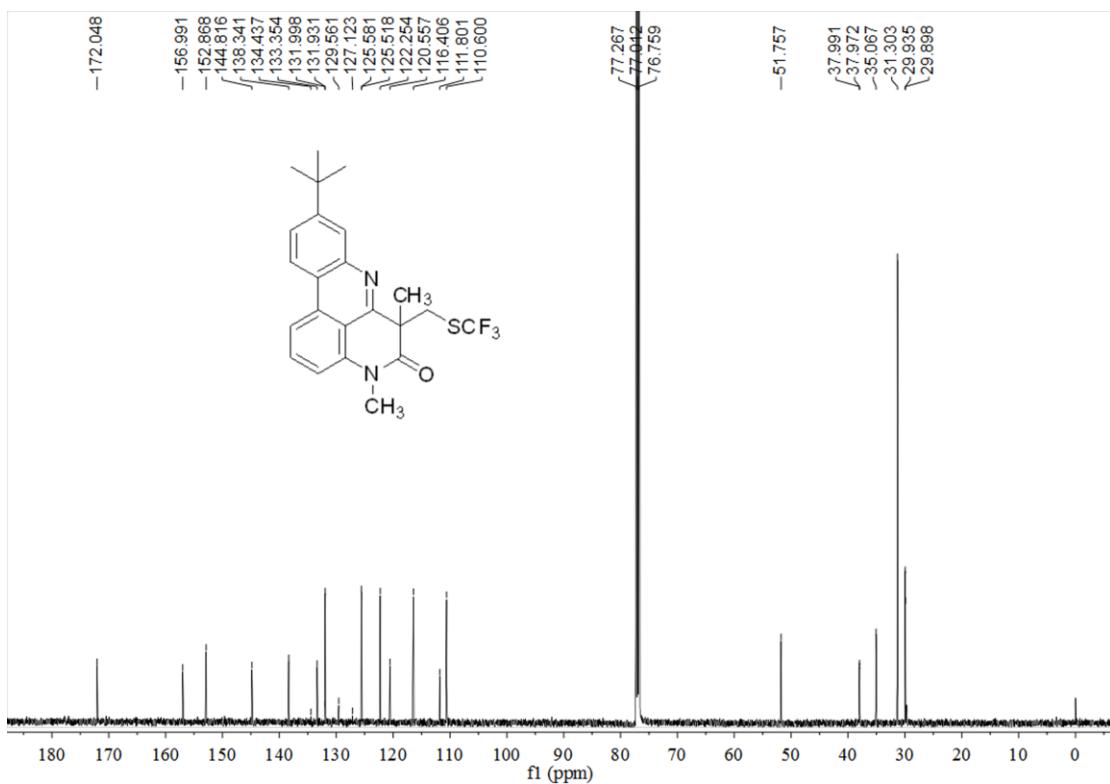
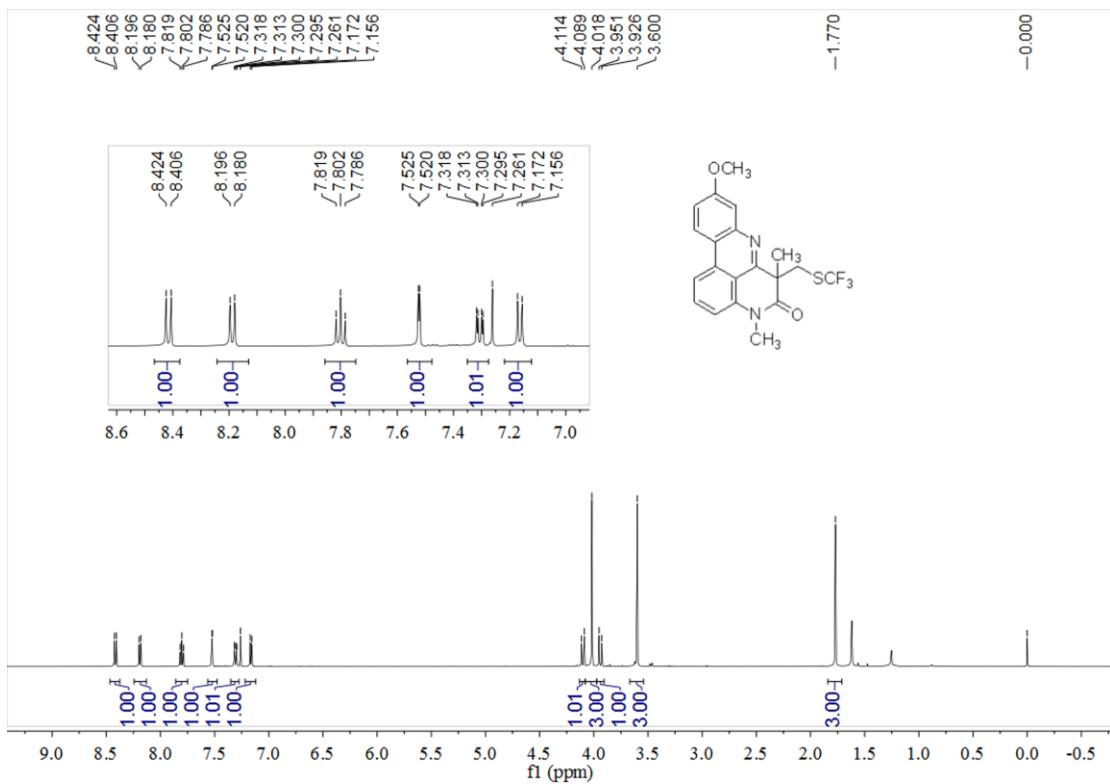


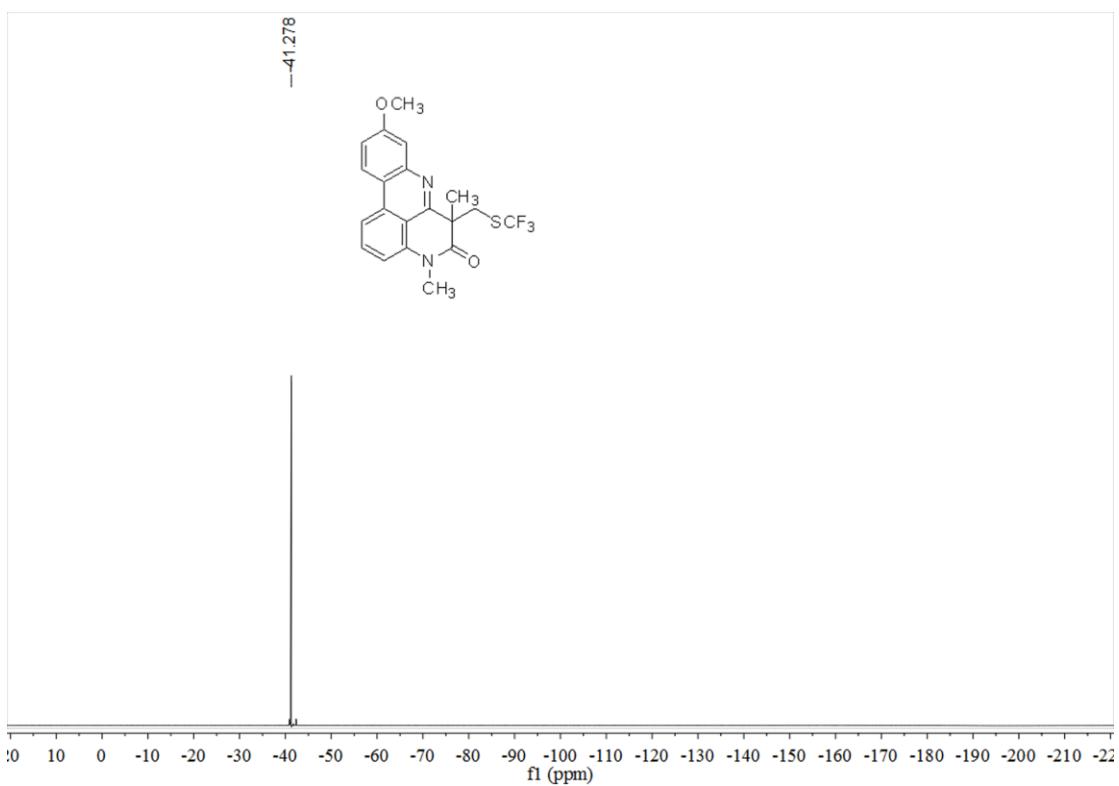
^1H NMR, ^{13}C NMR and ^{19}F NMR spectra of compound **3d**:



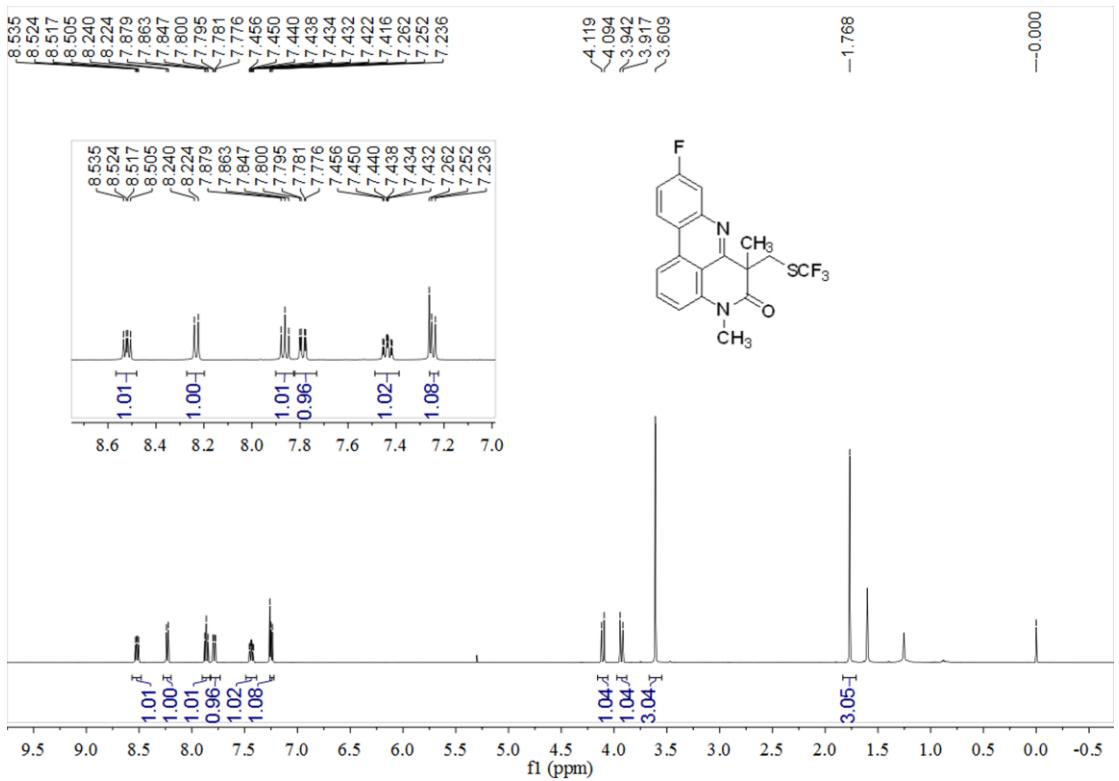


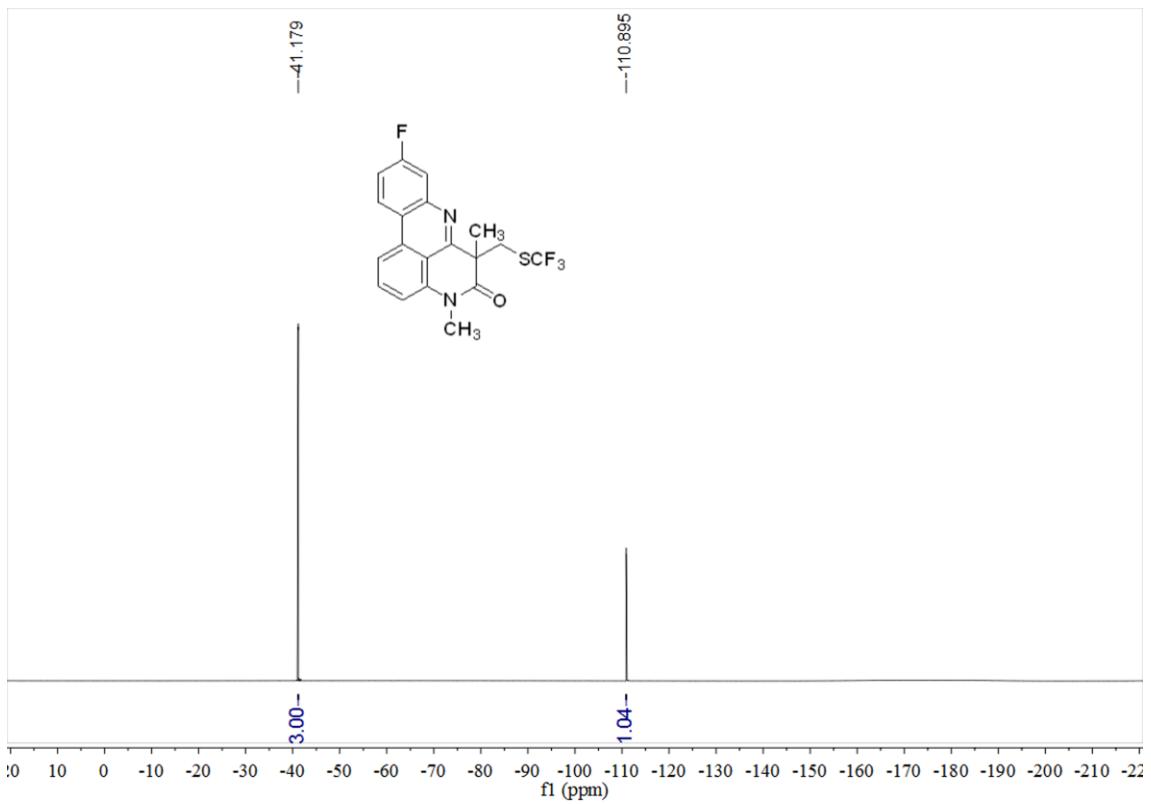
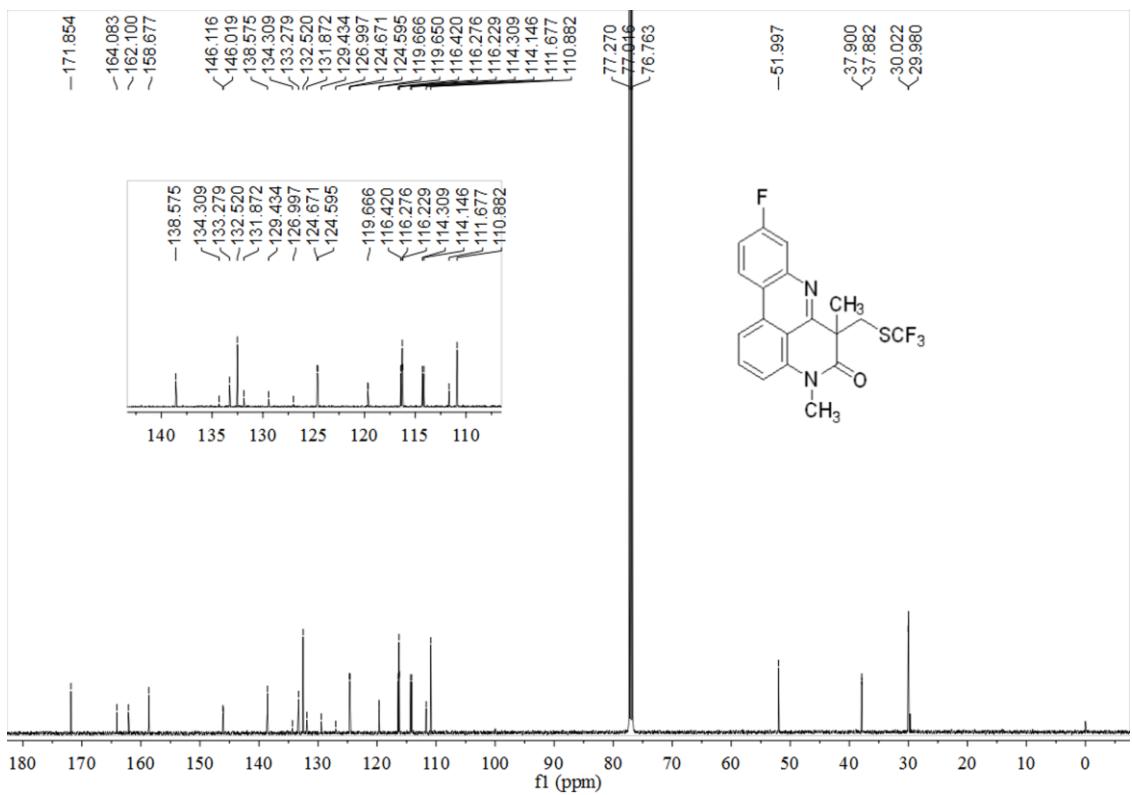
¹H NMR, ¹³C NMR and ¹⁹F NMR spectra of compound **3e**:



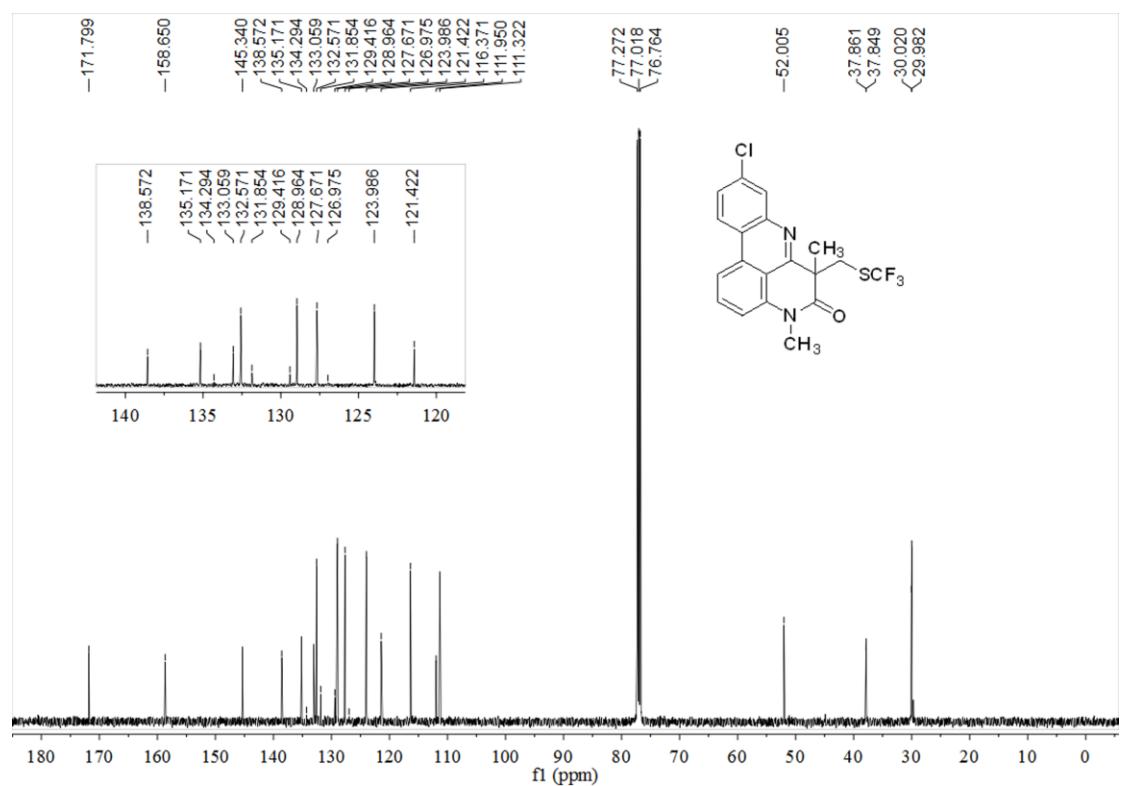
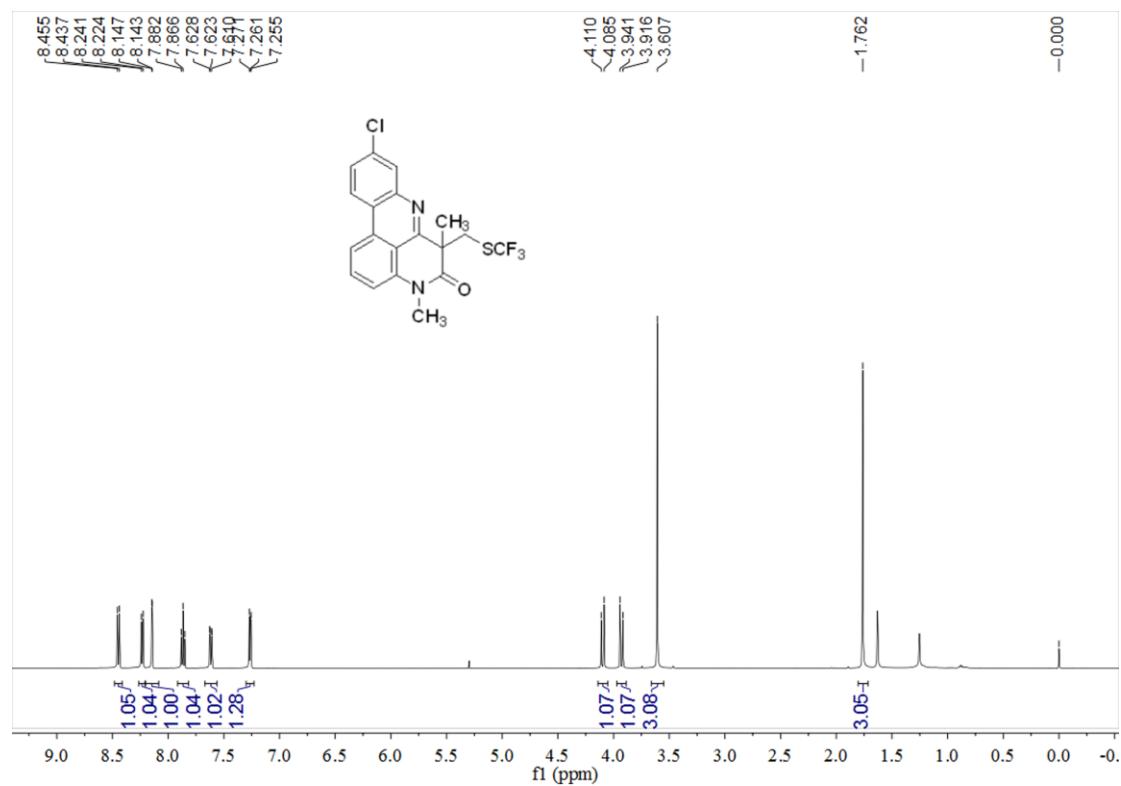


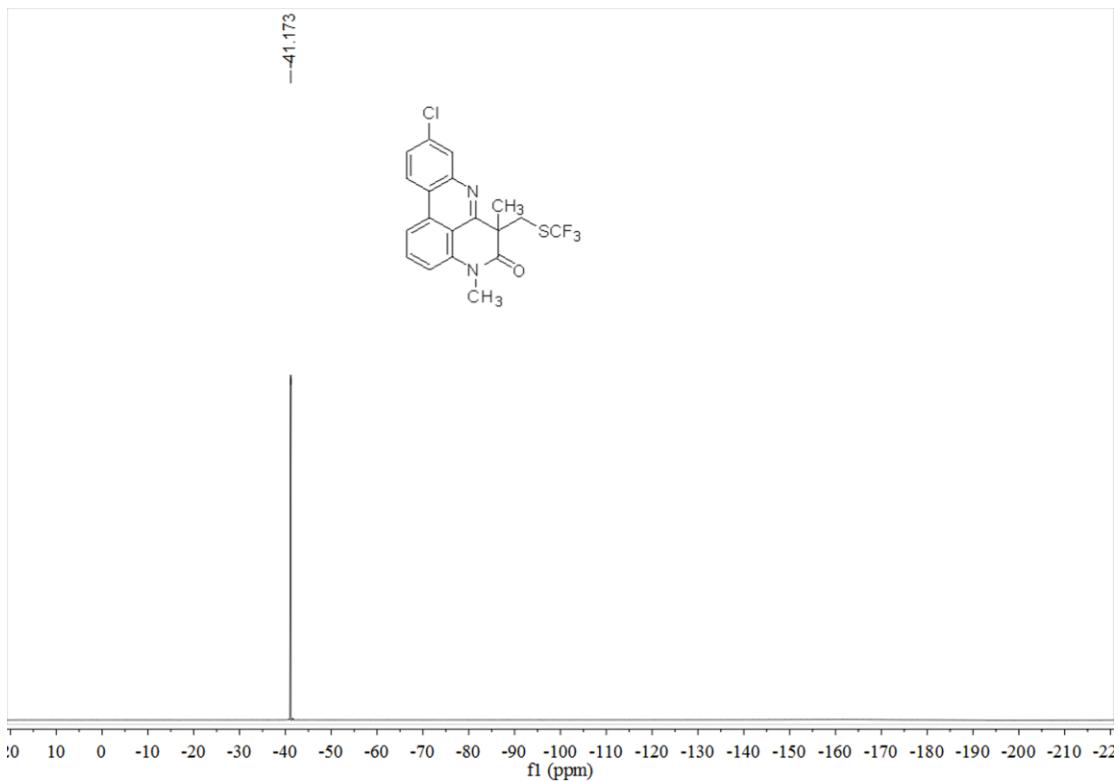
^1H NMR, ^{13}C NMR and ^{19}F NMR spectra of compound **3f**:



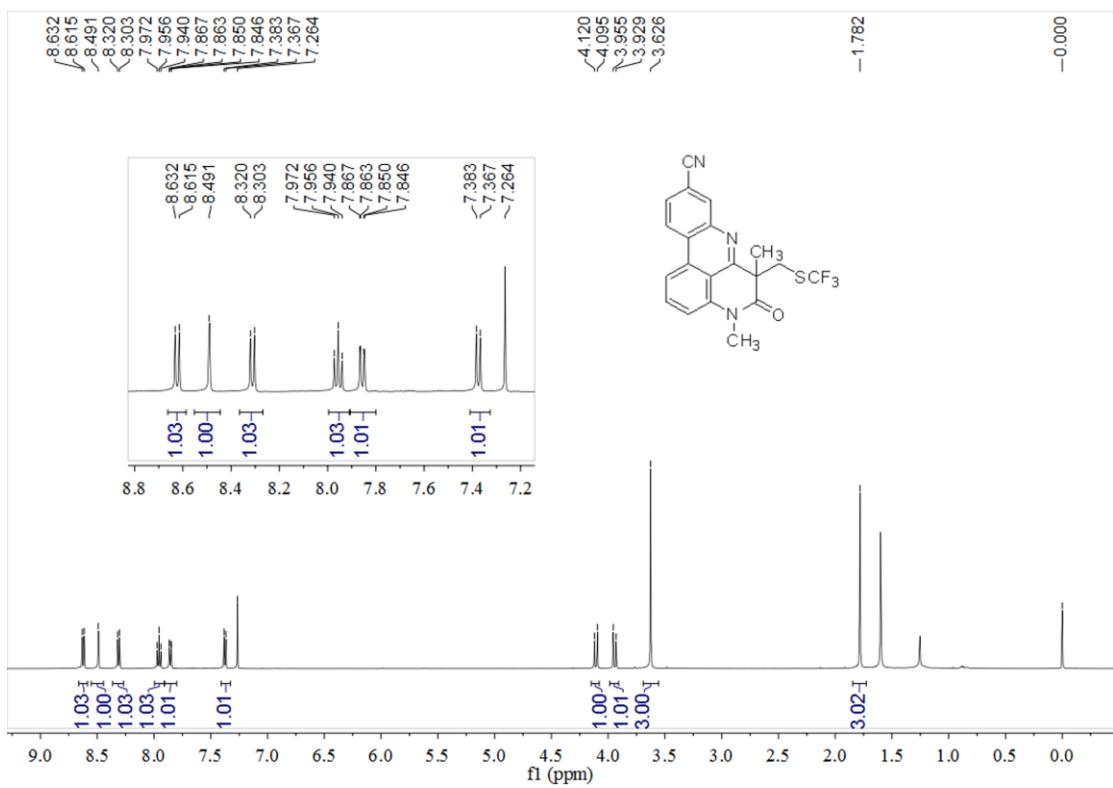


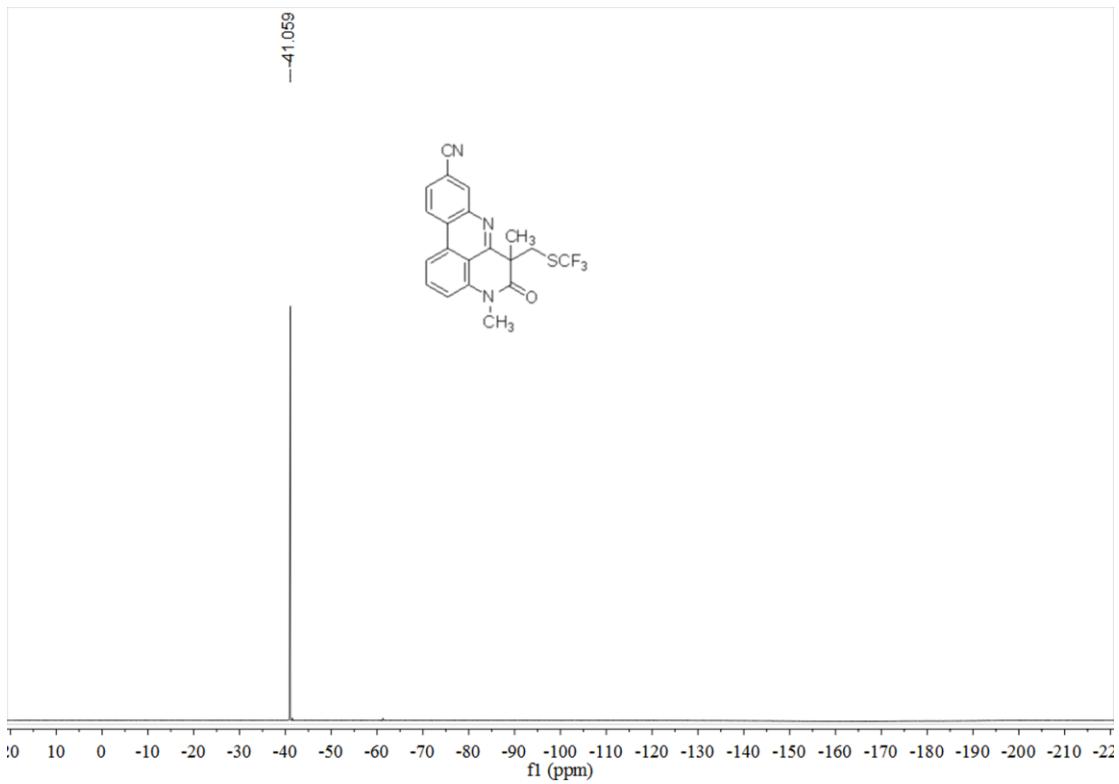
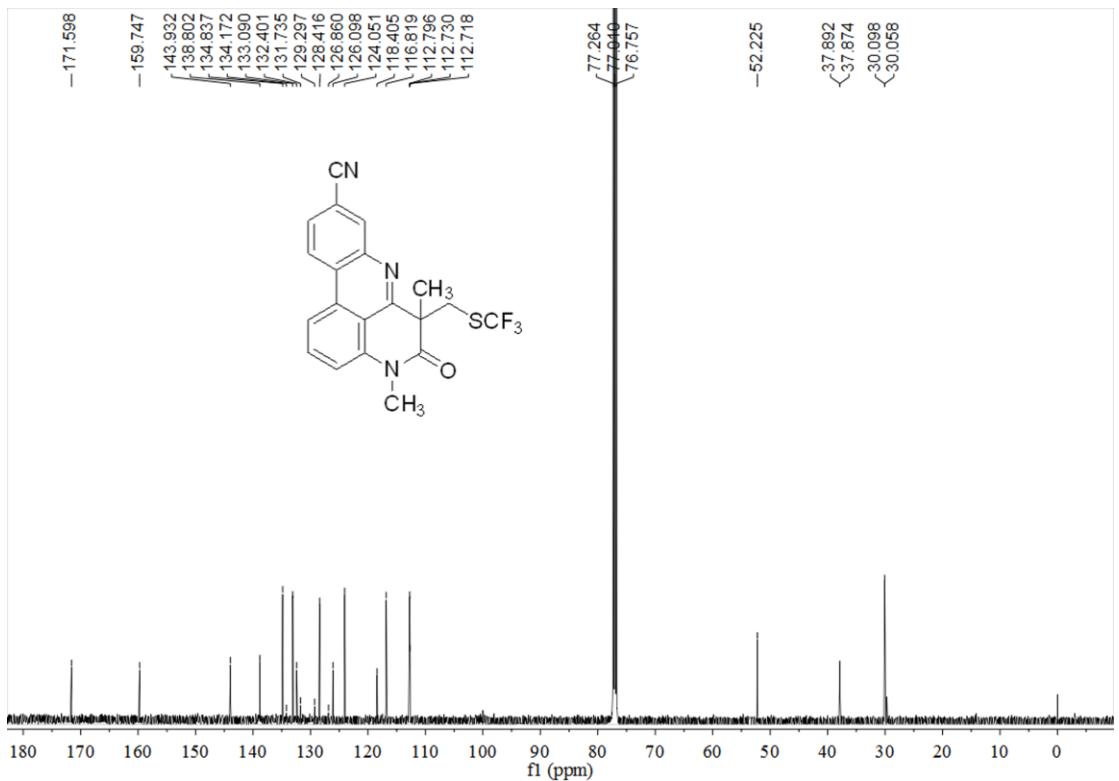
¹H NMR, ¹³C NMR and ¹⁹F NMR spectra of compound 3g:



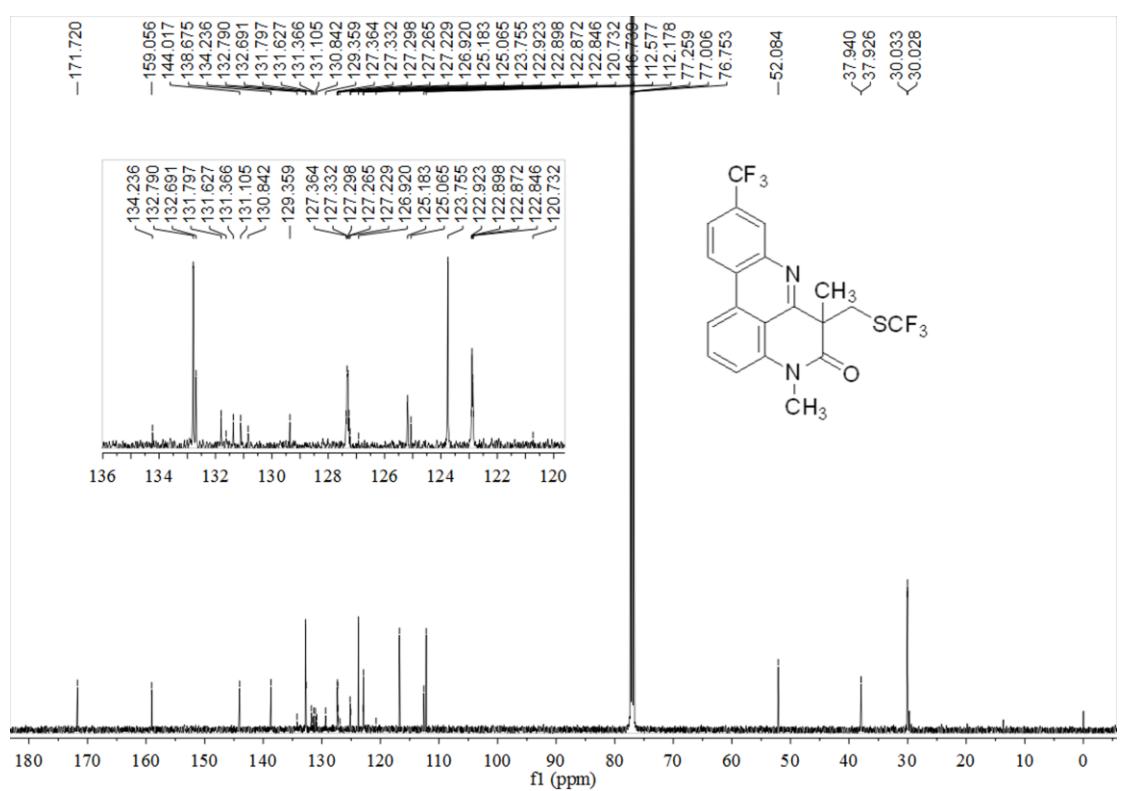
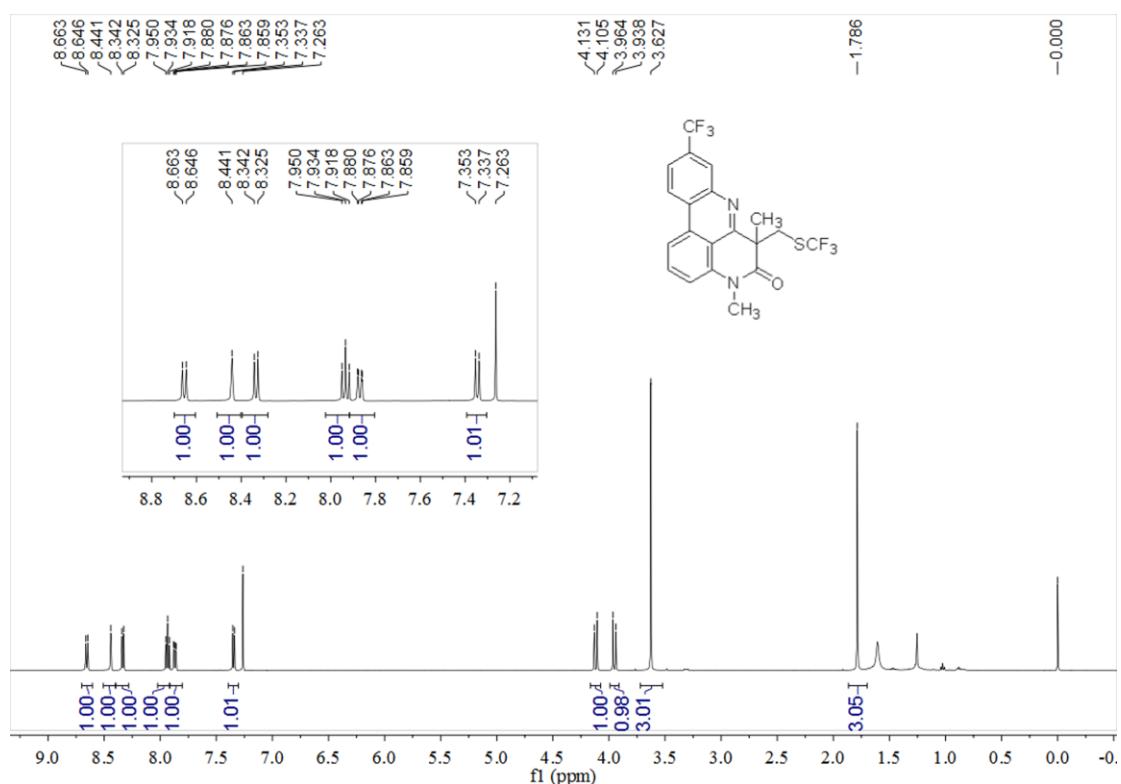


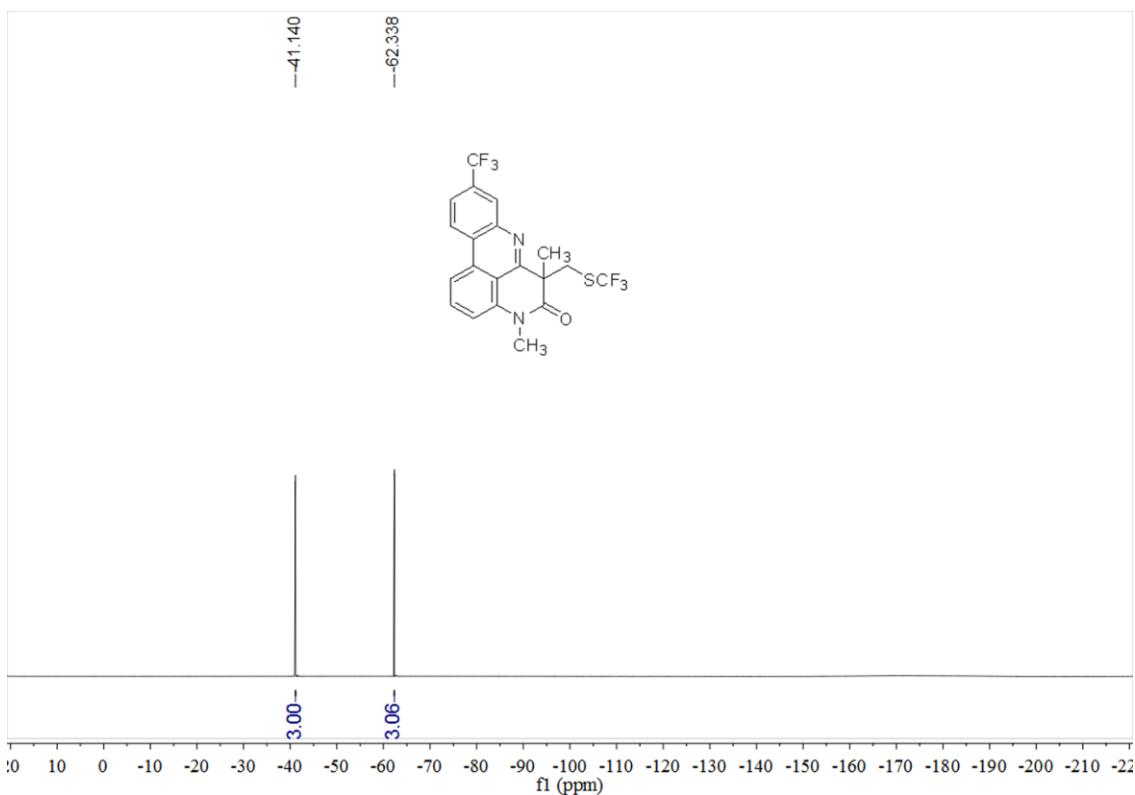
^1H NMR, ^{13}C NMR and ^{19}F NMR spectra of compound **3h**:



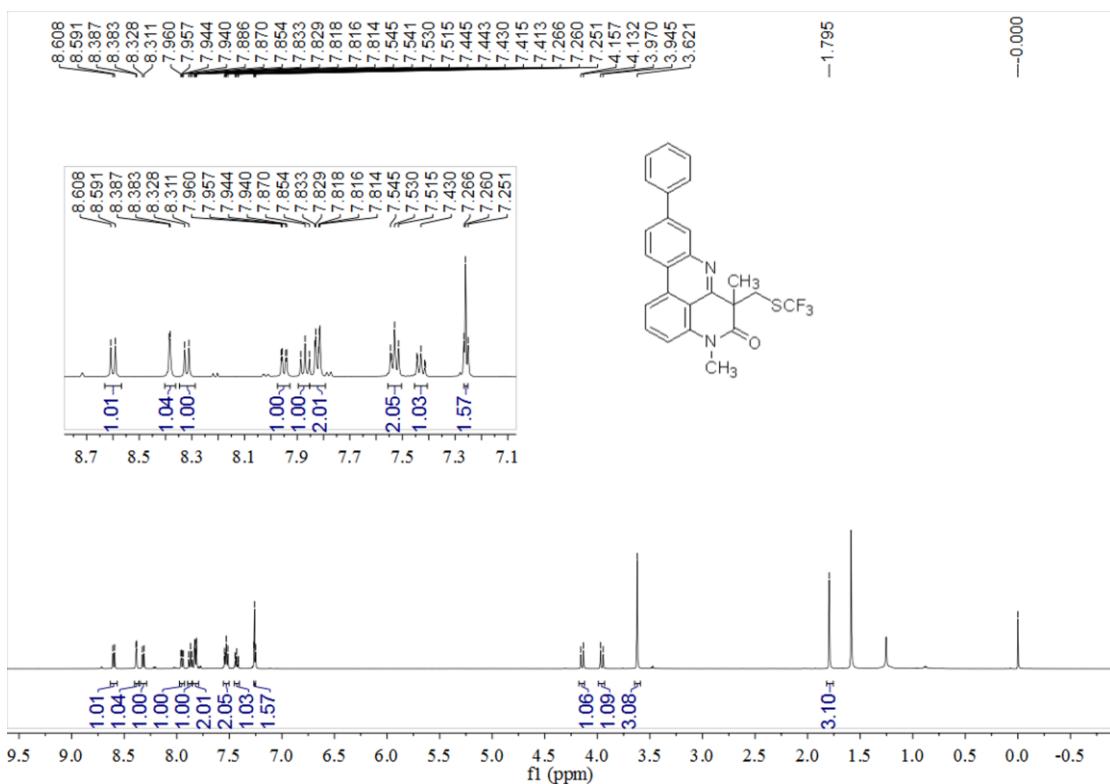


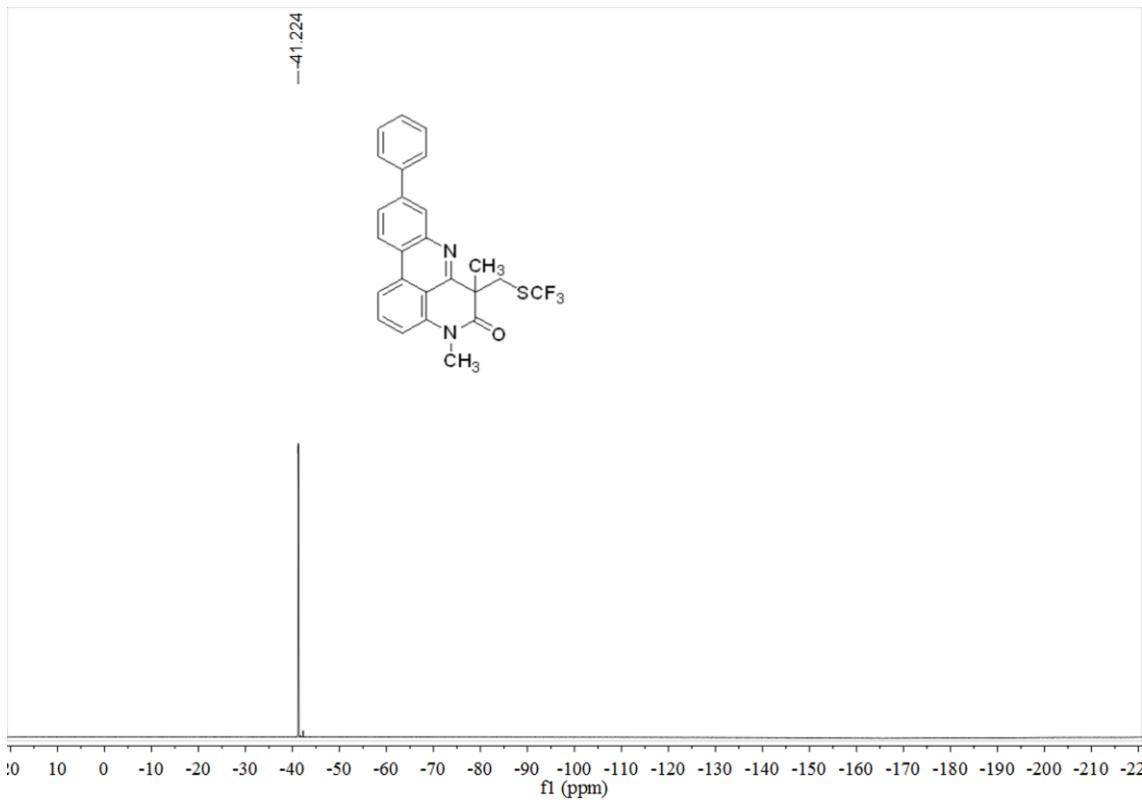
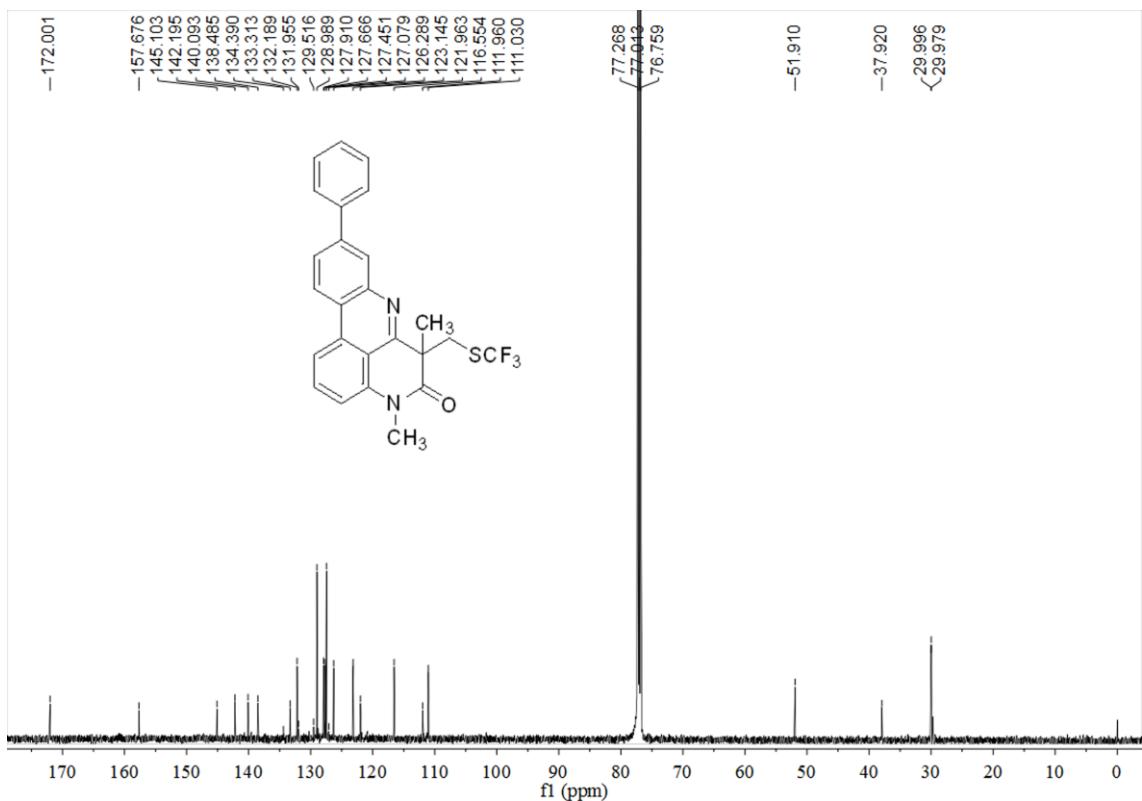
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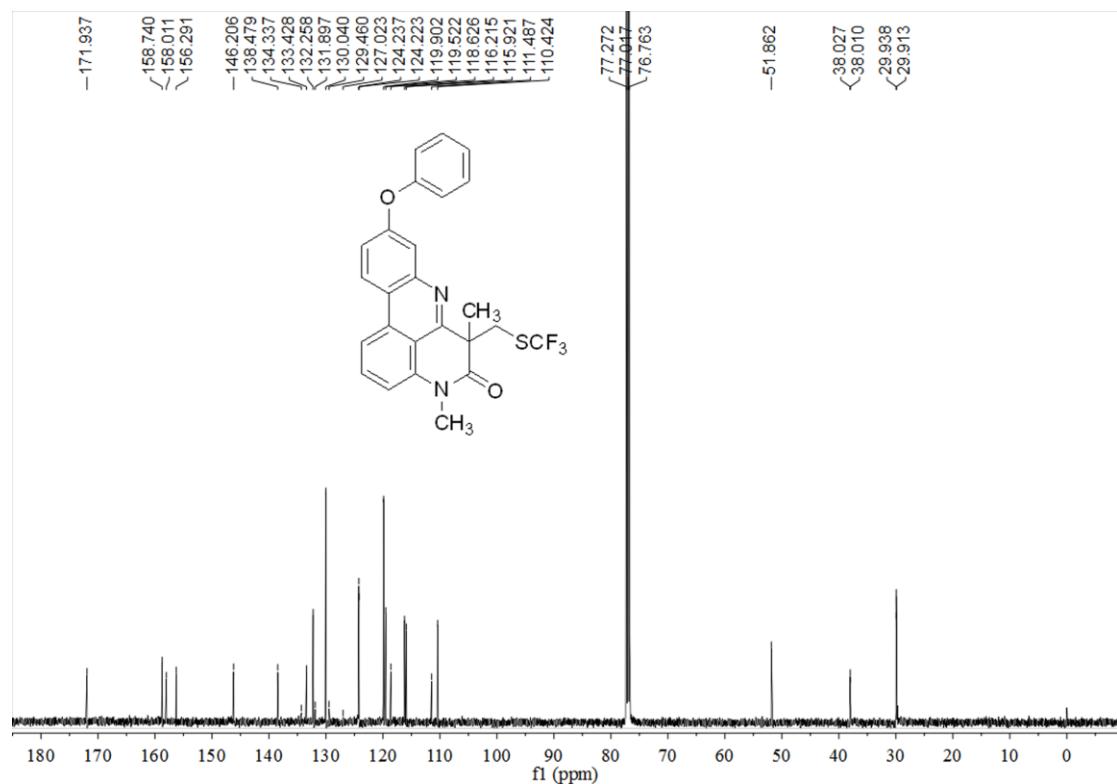
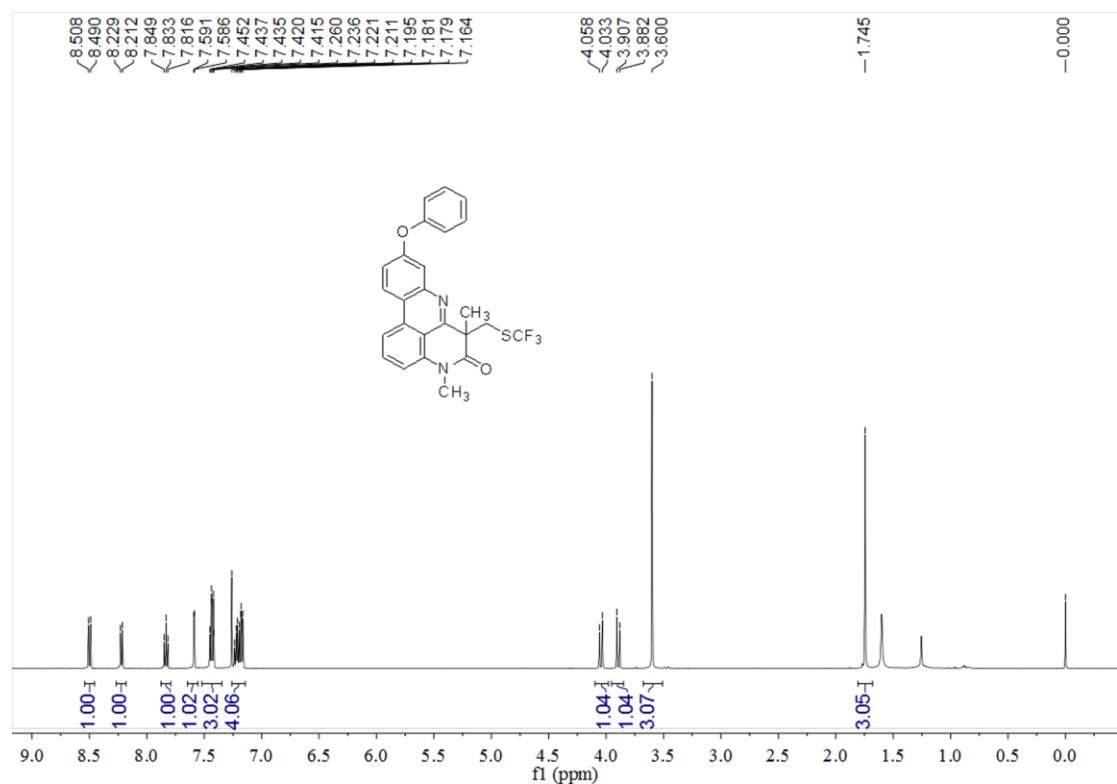


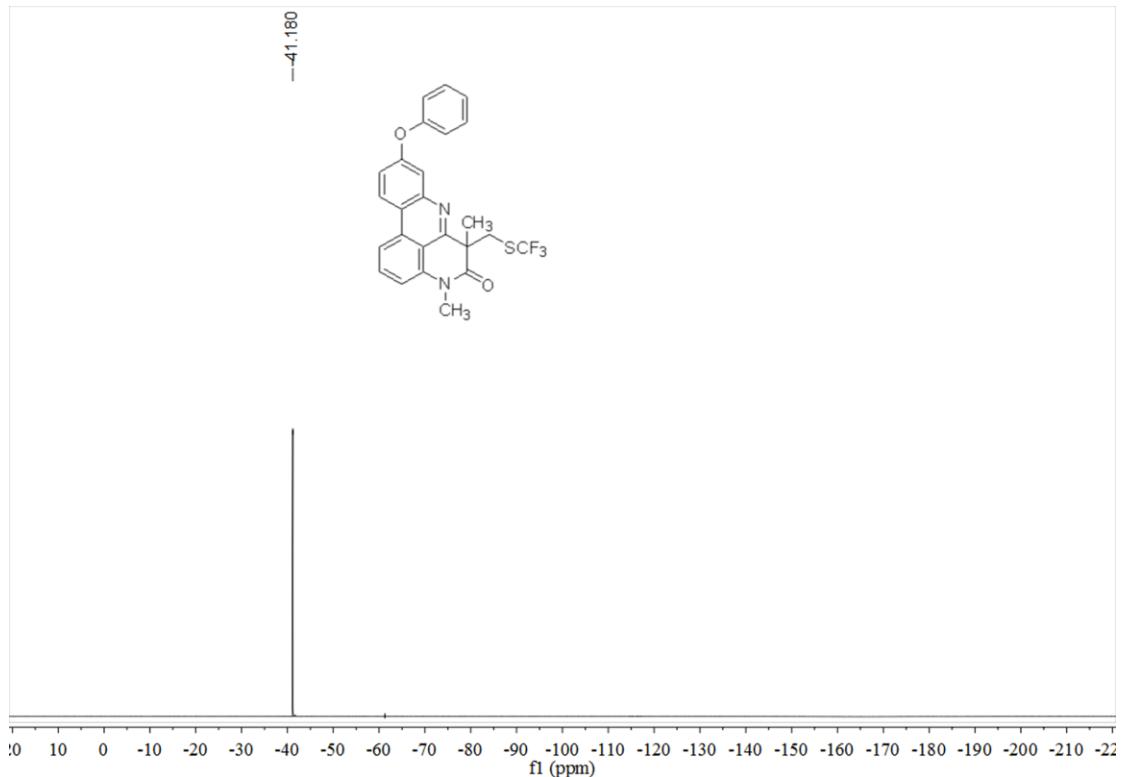
¹H NMR, ¹³C NMR and ¹⁹F NMR spectra of compound 3j :



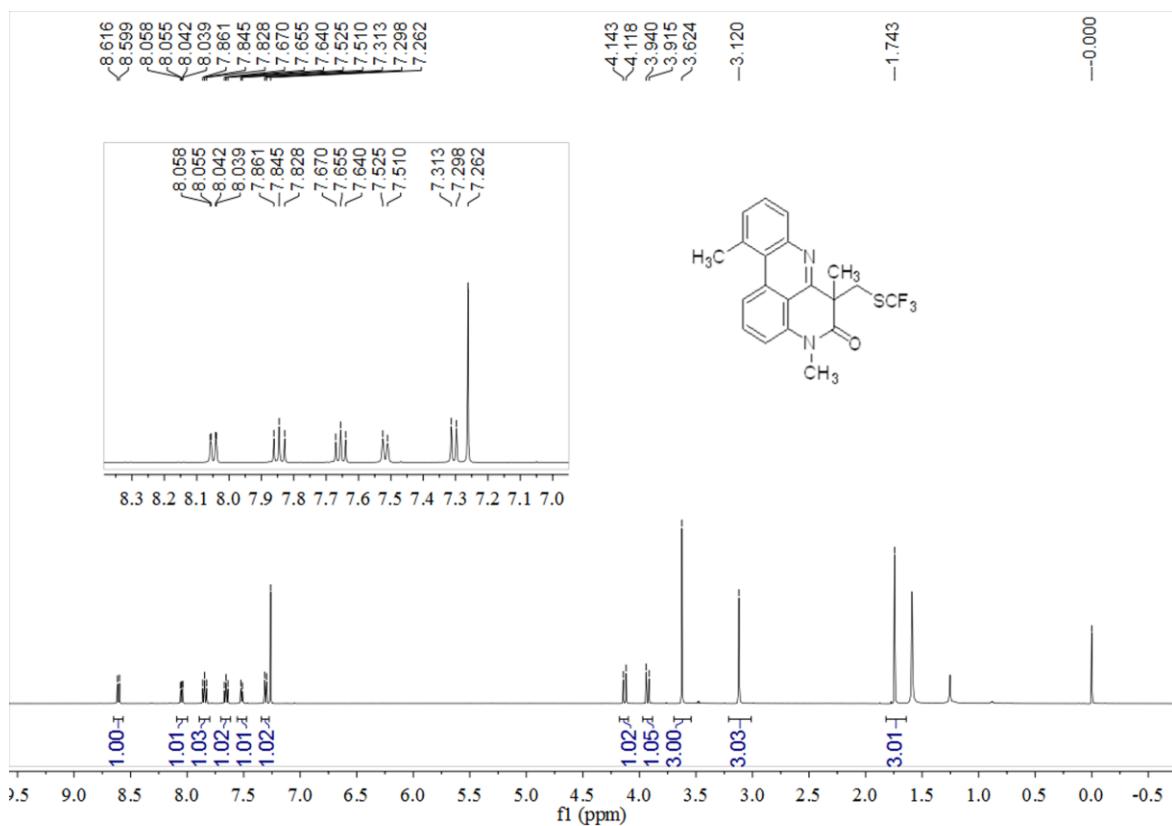


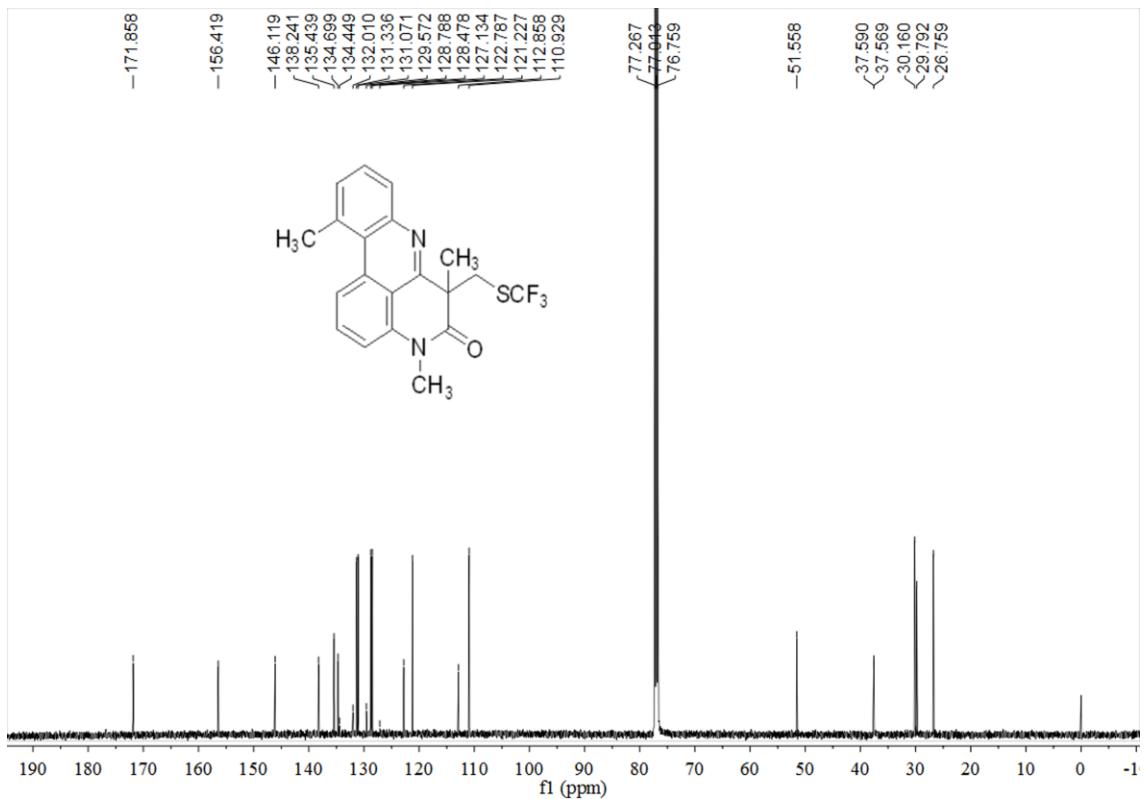
¹H NMR, ¹³C NMR and ¹⁹F NMR spectra of compound **3k**:



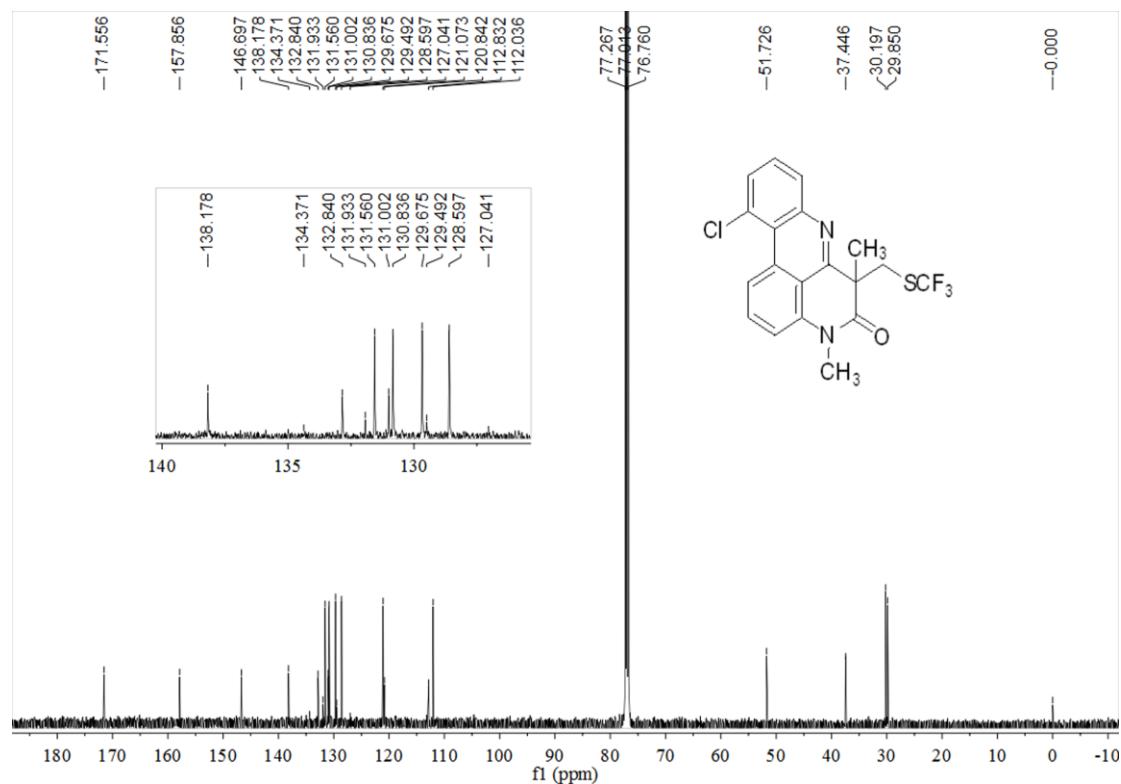
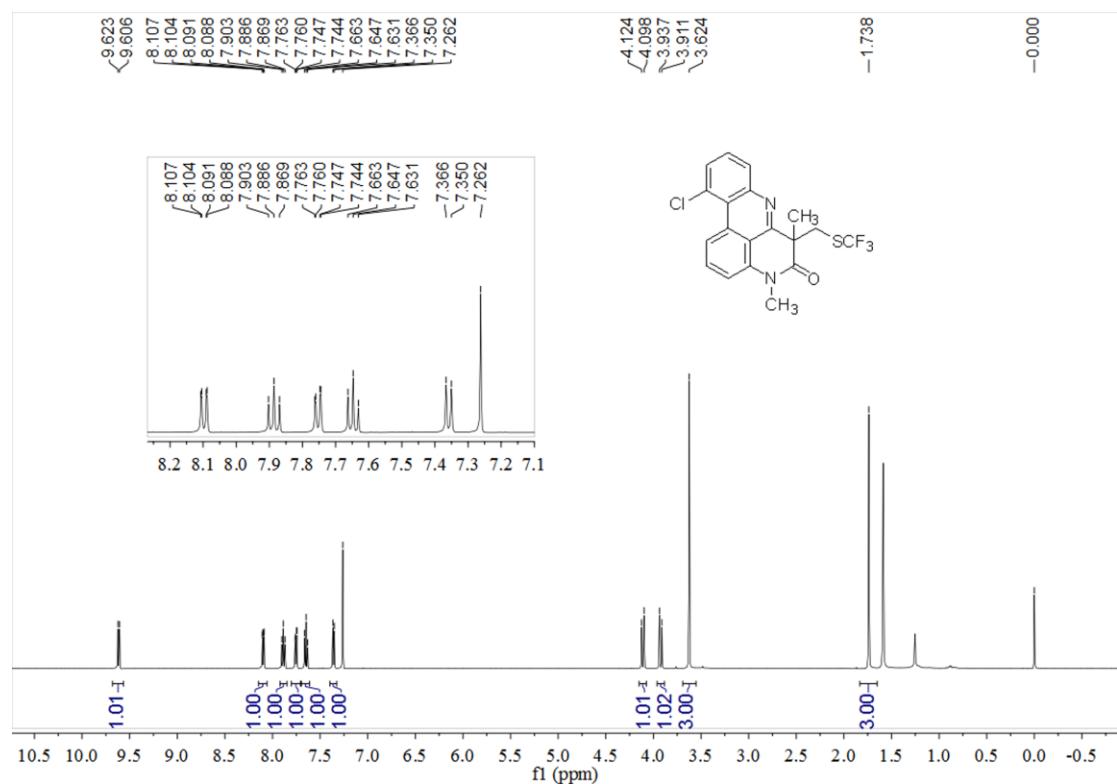


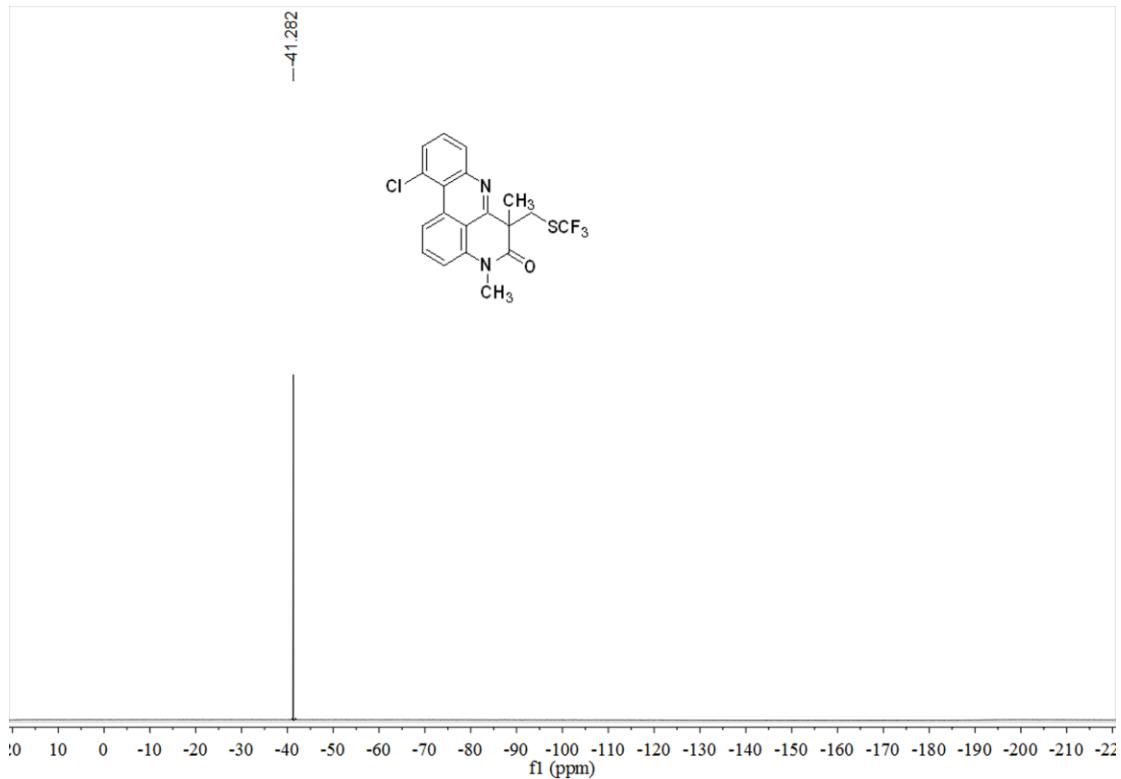
¹H NMR, ¹³C NMR and ¹⁹F NMR spectra of compound **3l**:



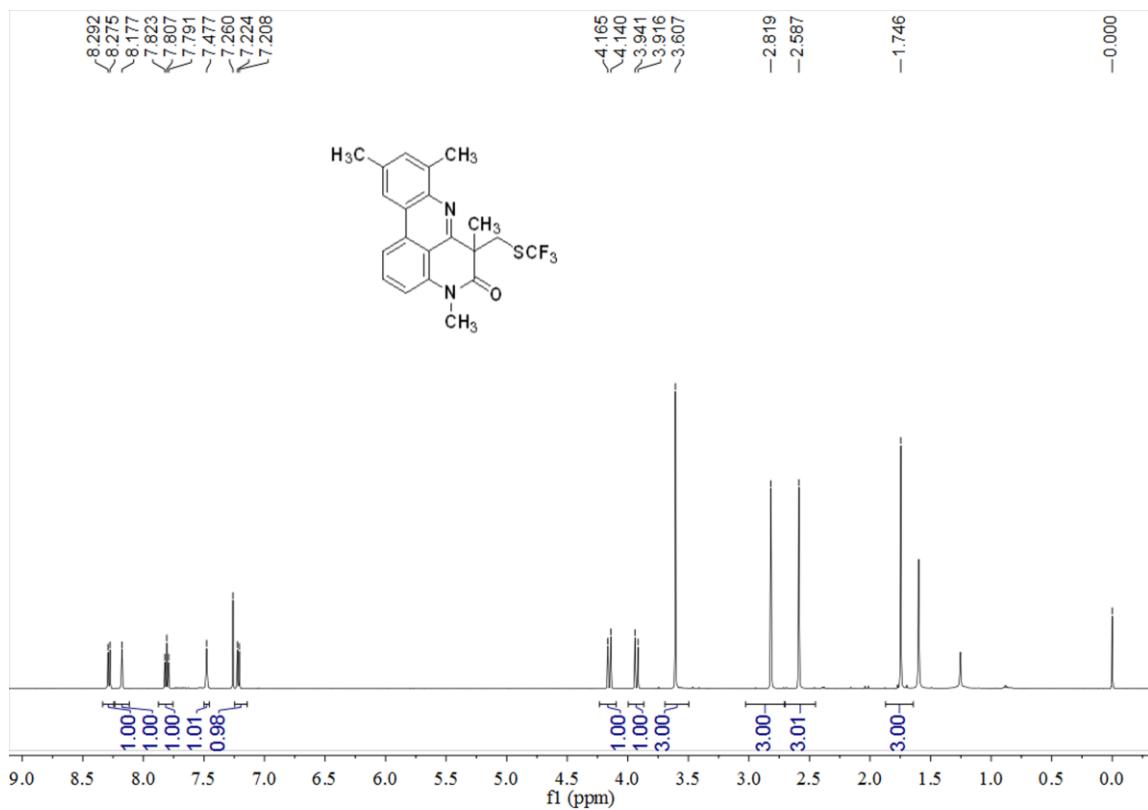


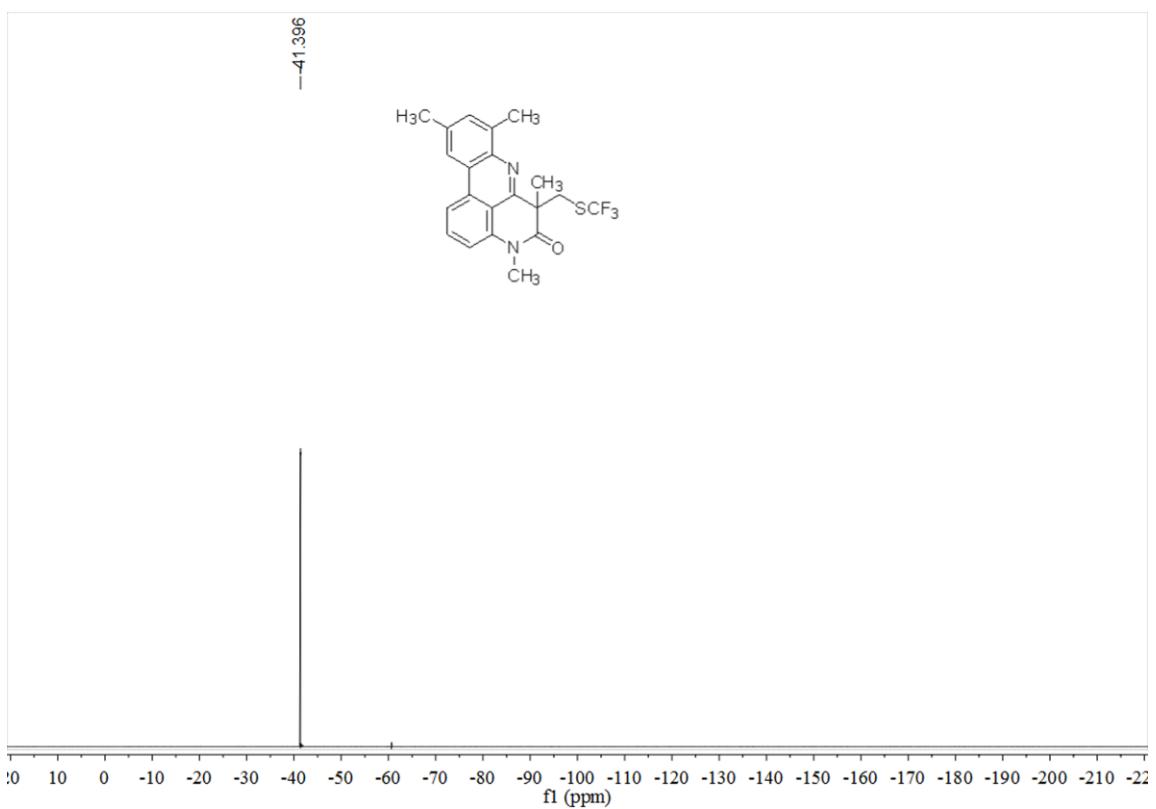
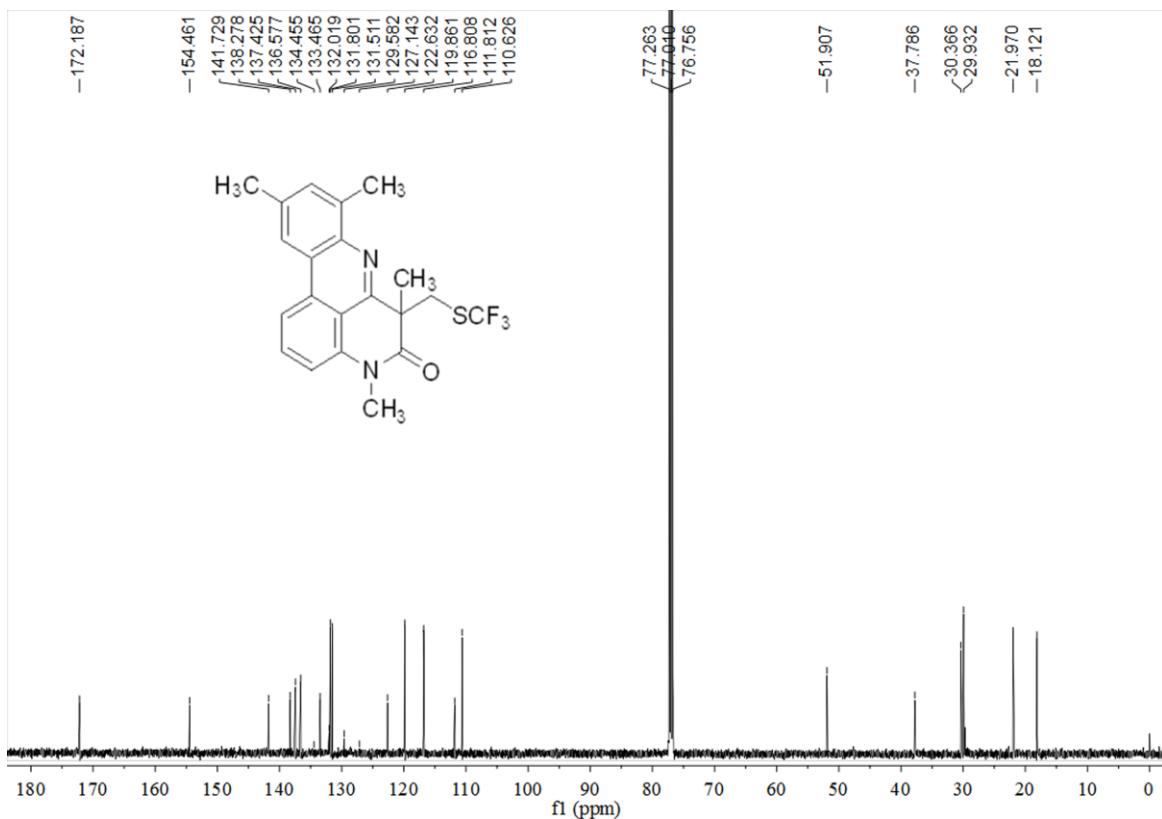
¹H NMR, ¹³C NMR and ¹⁹F NMR spectra of compound **3m** :



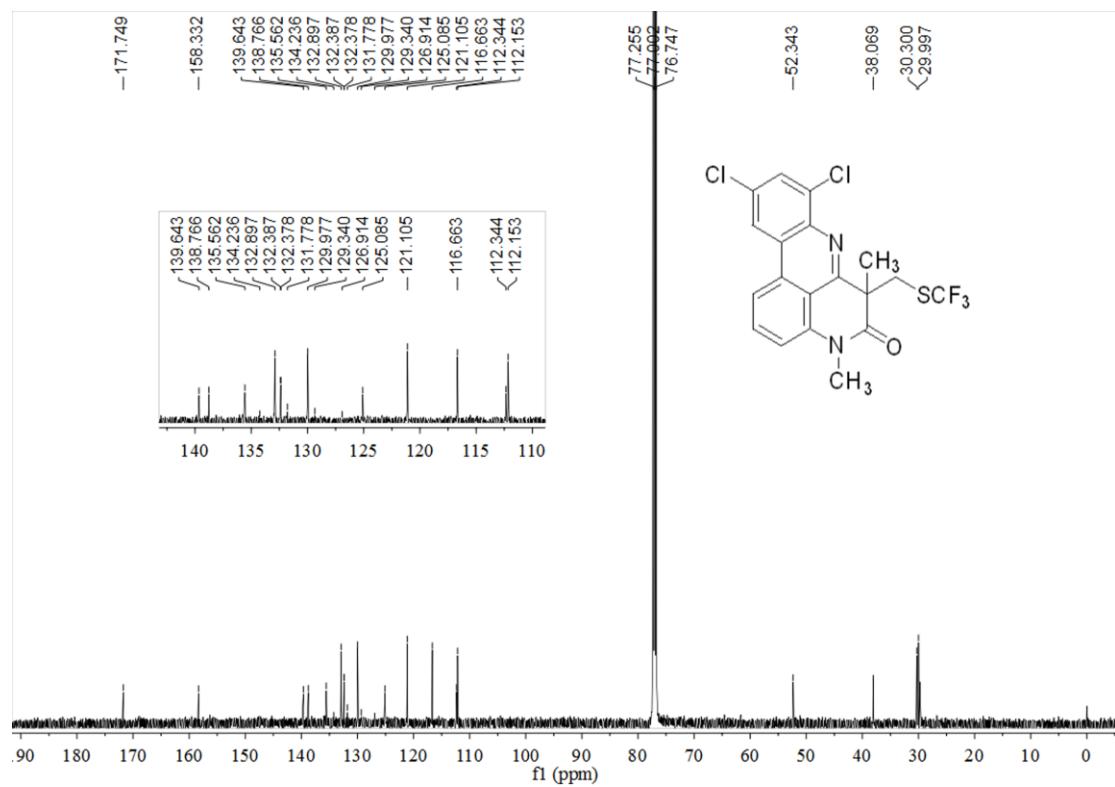
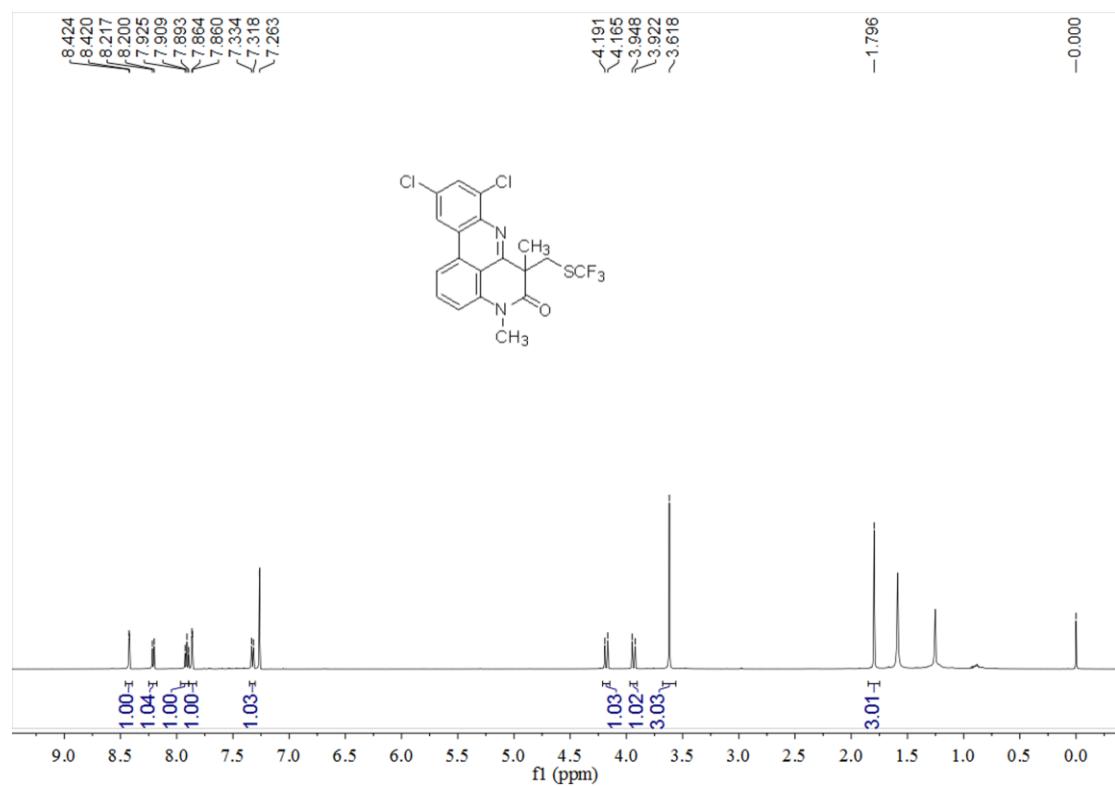


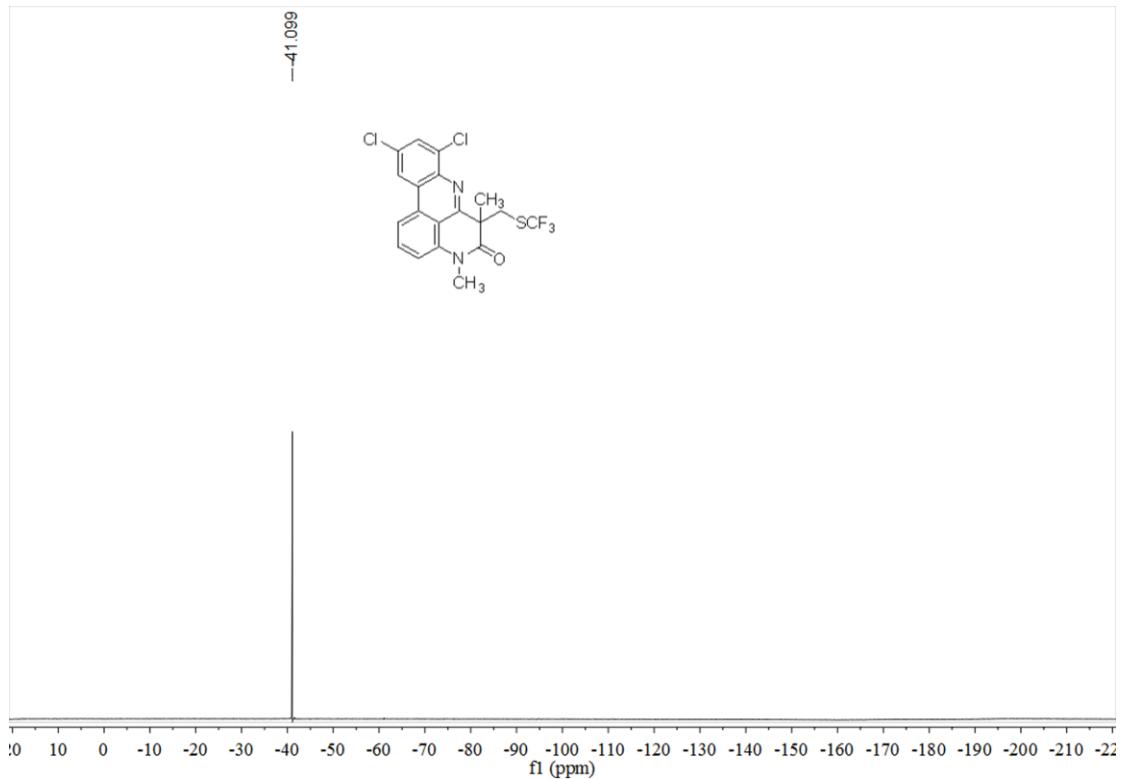
¹H NMR, ¹³C NMR and ¹⁹F NMR spectra of compound **3n** :



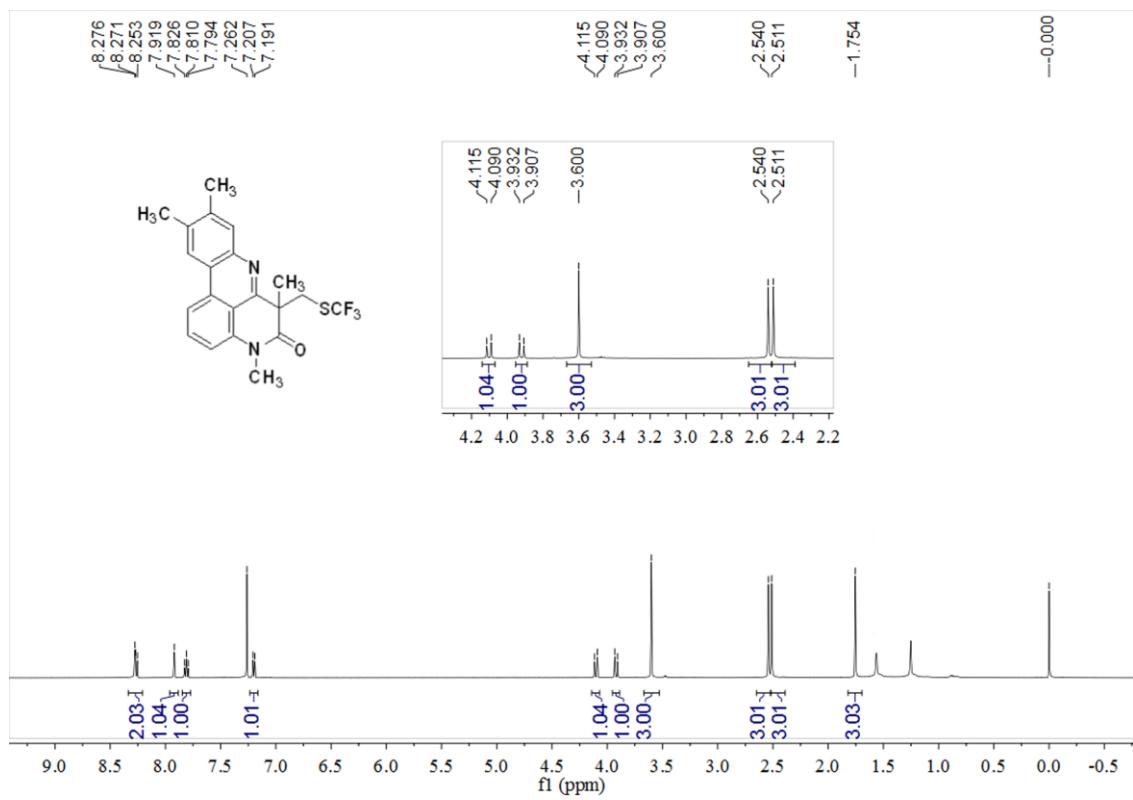


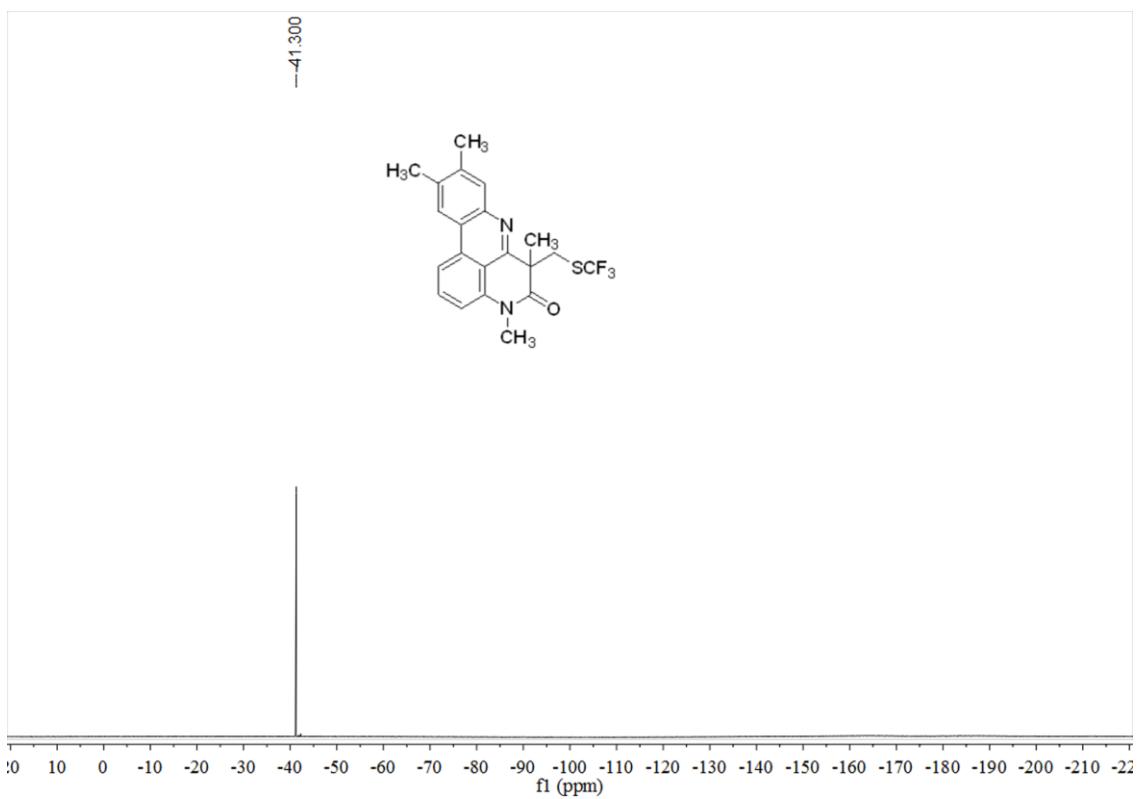
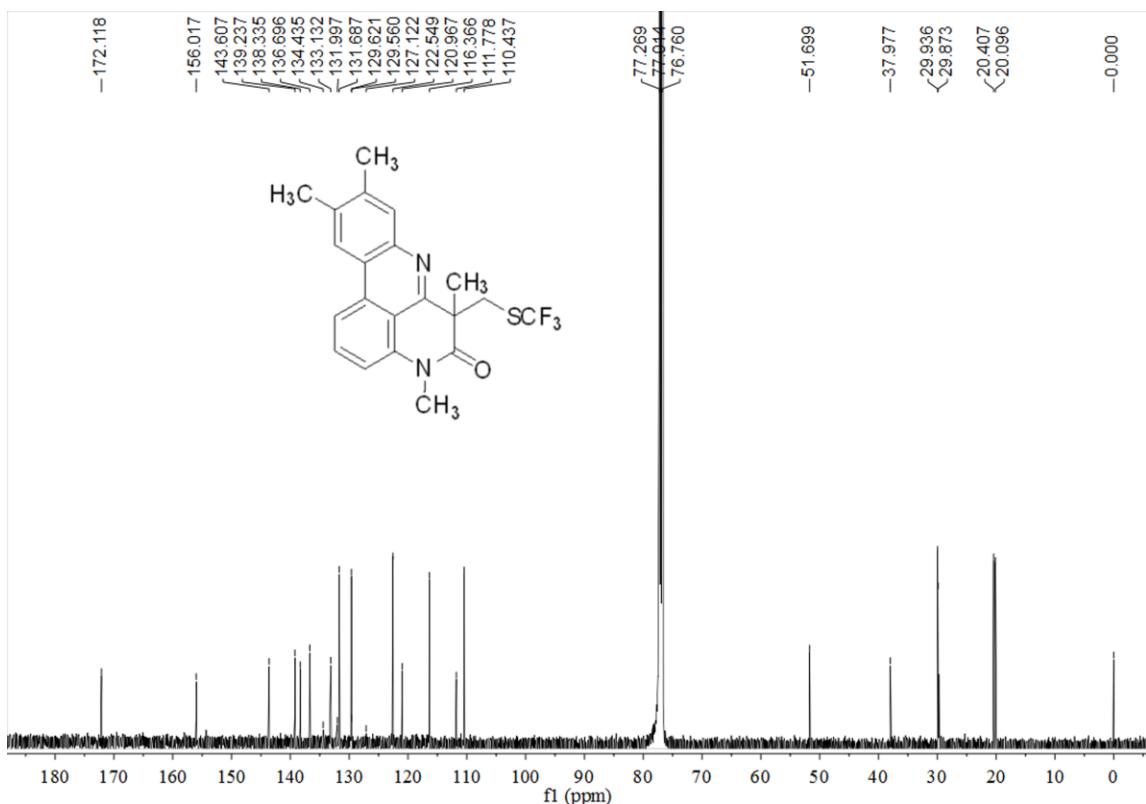
¹H NMR, ¹³C NMR and ¹⁹F NMR spectra of compound **3o**:



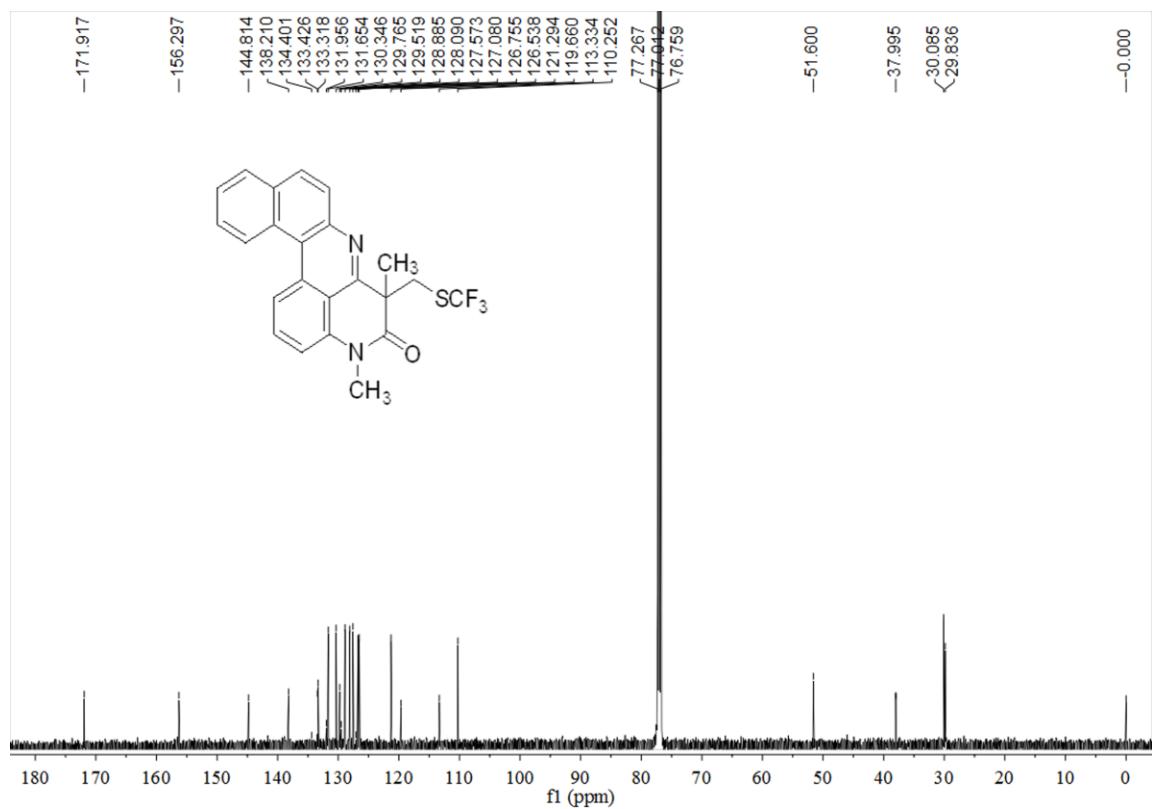
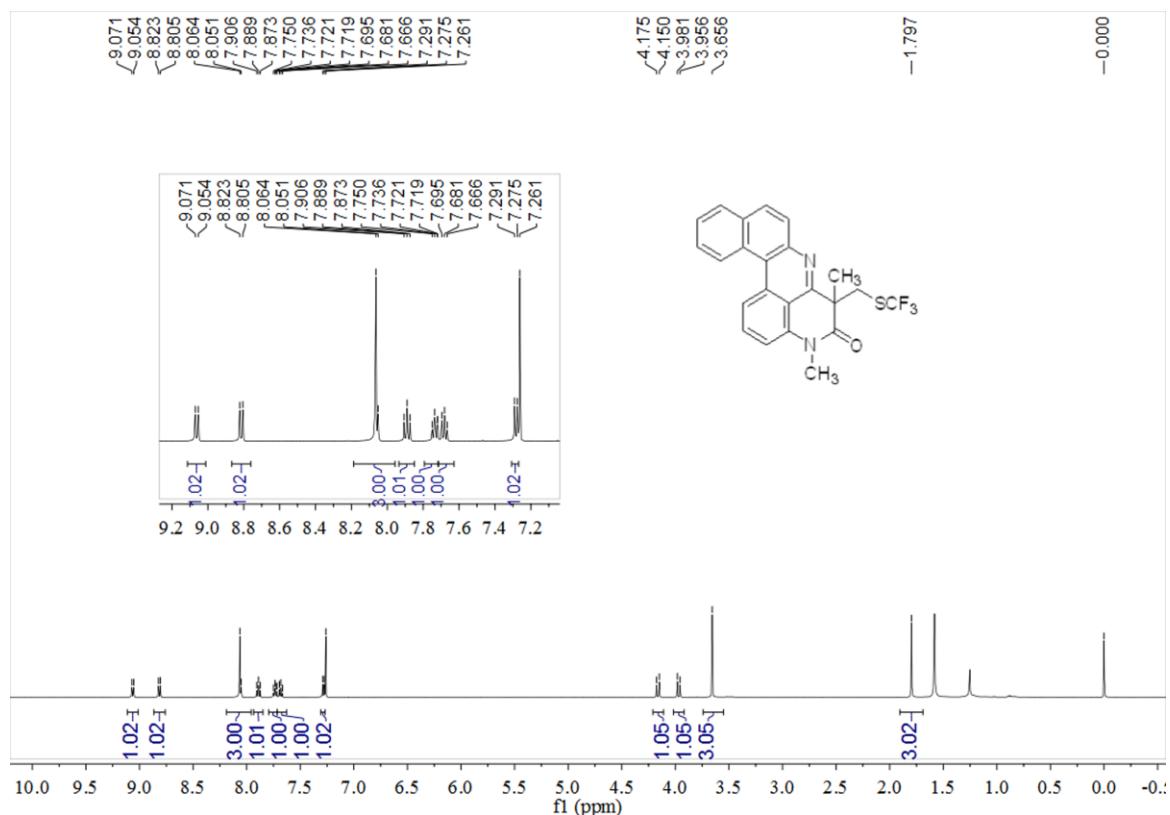


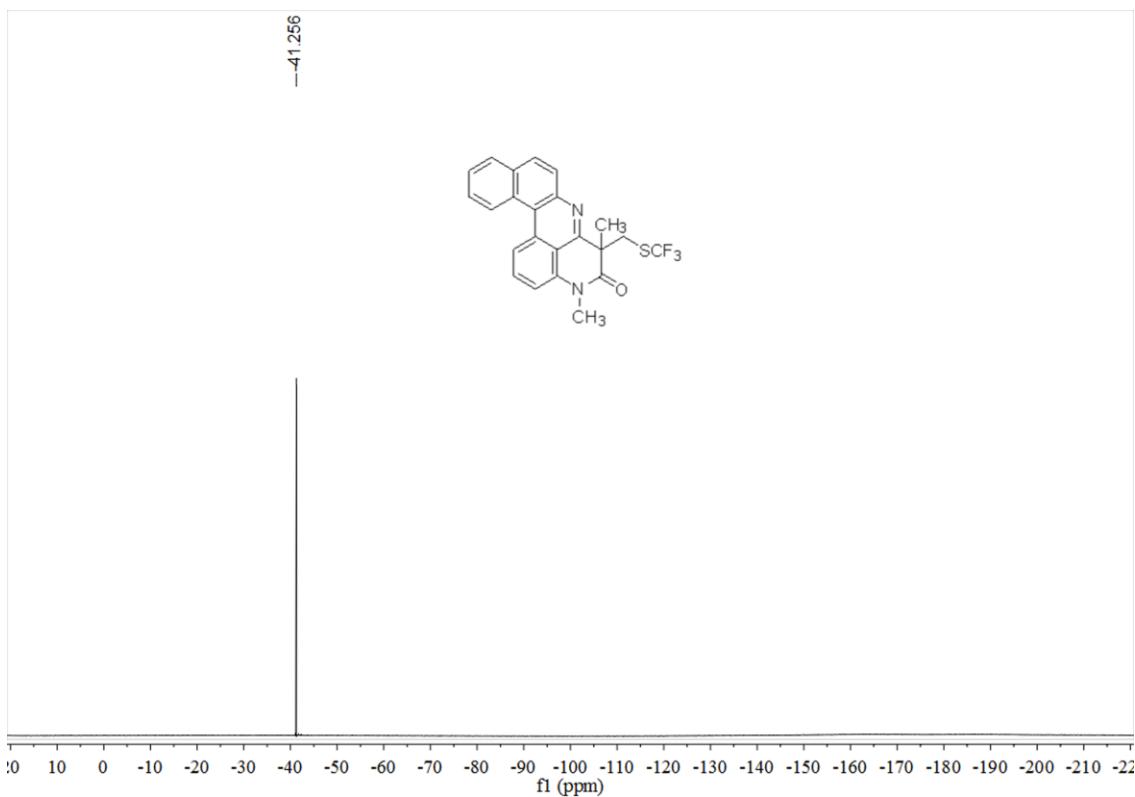
¹H NMR, ¹³C NMR and ¹⁹F NMR spectra of compound **3p** :



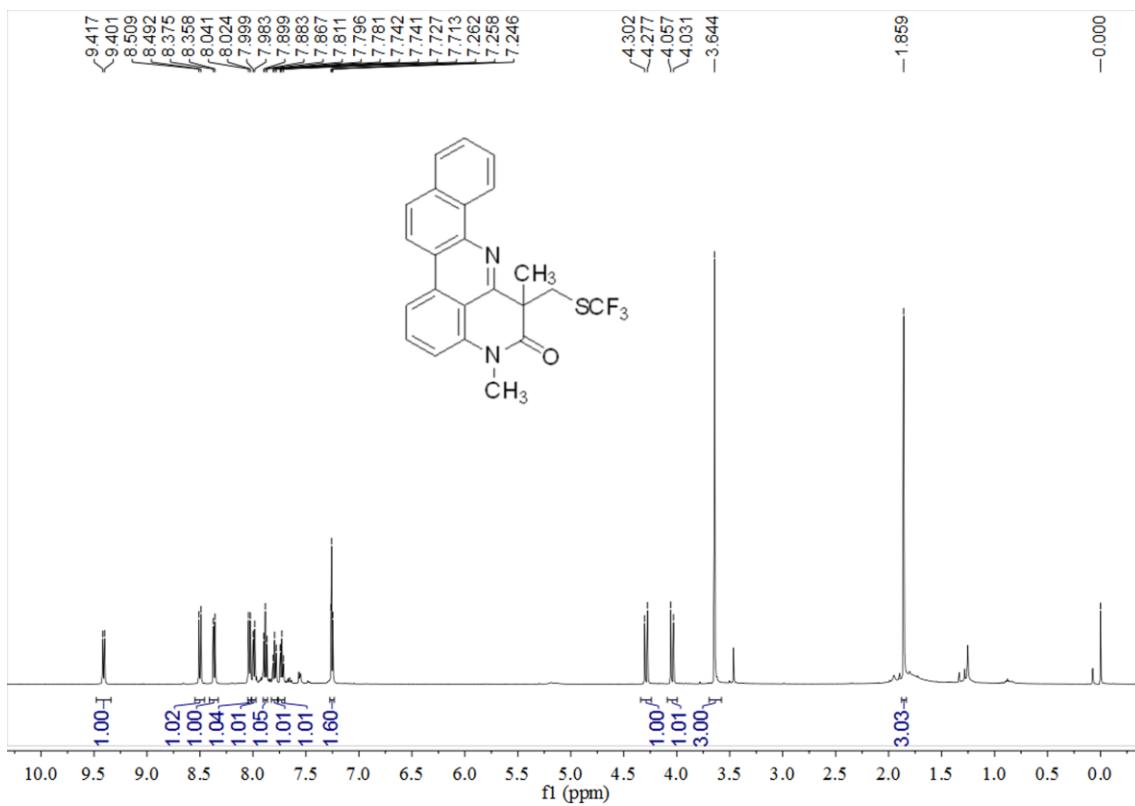


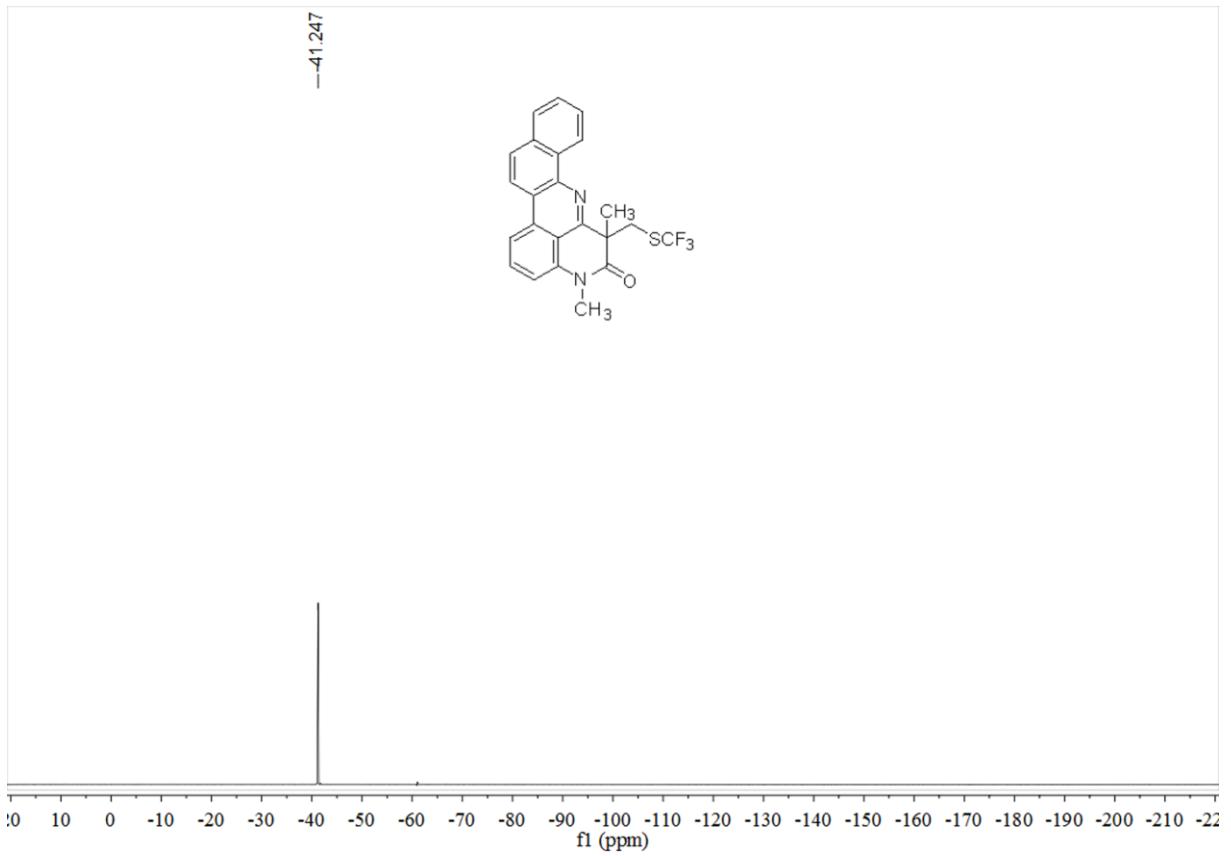
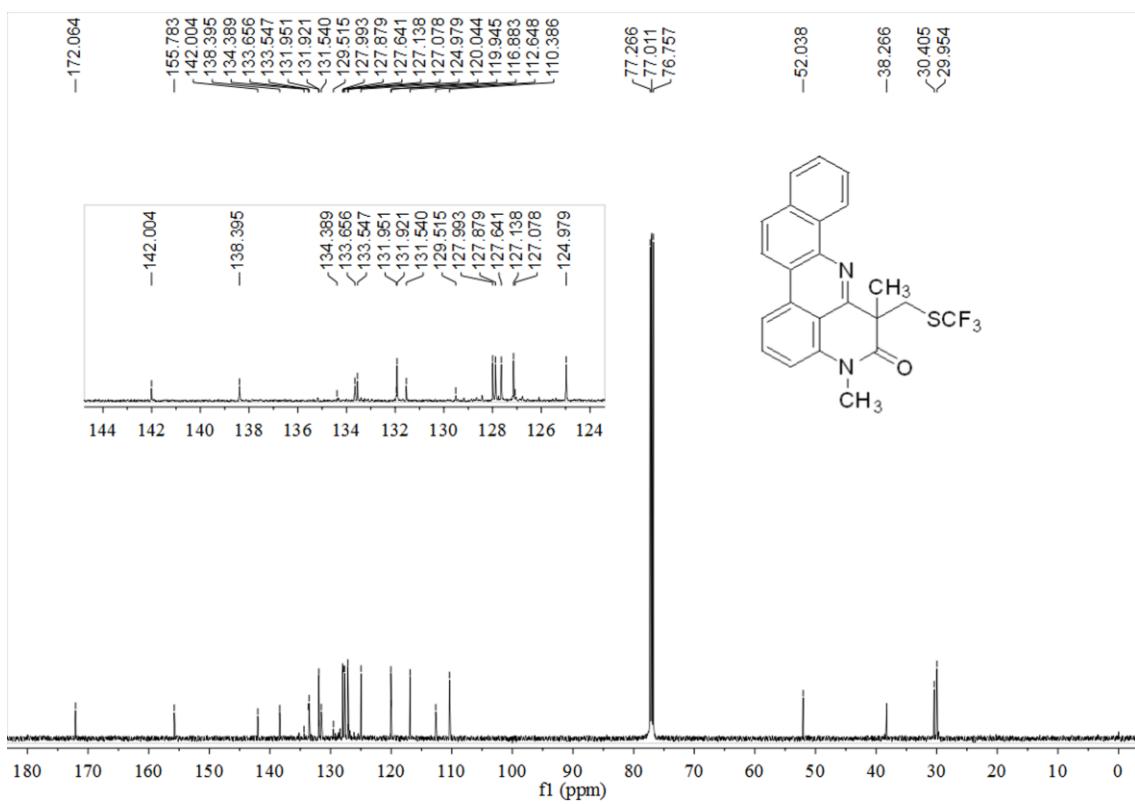
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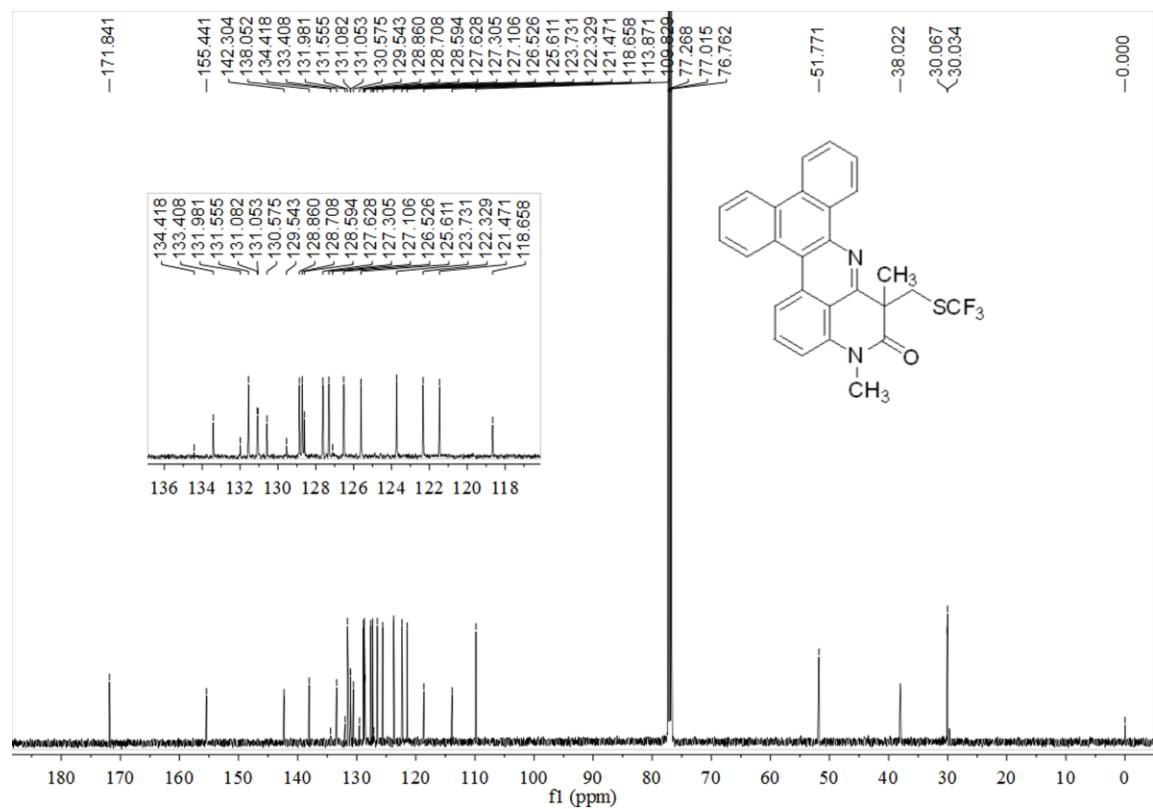
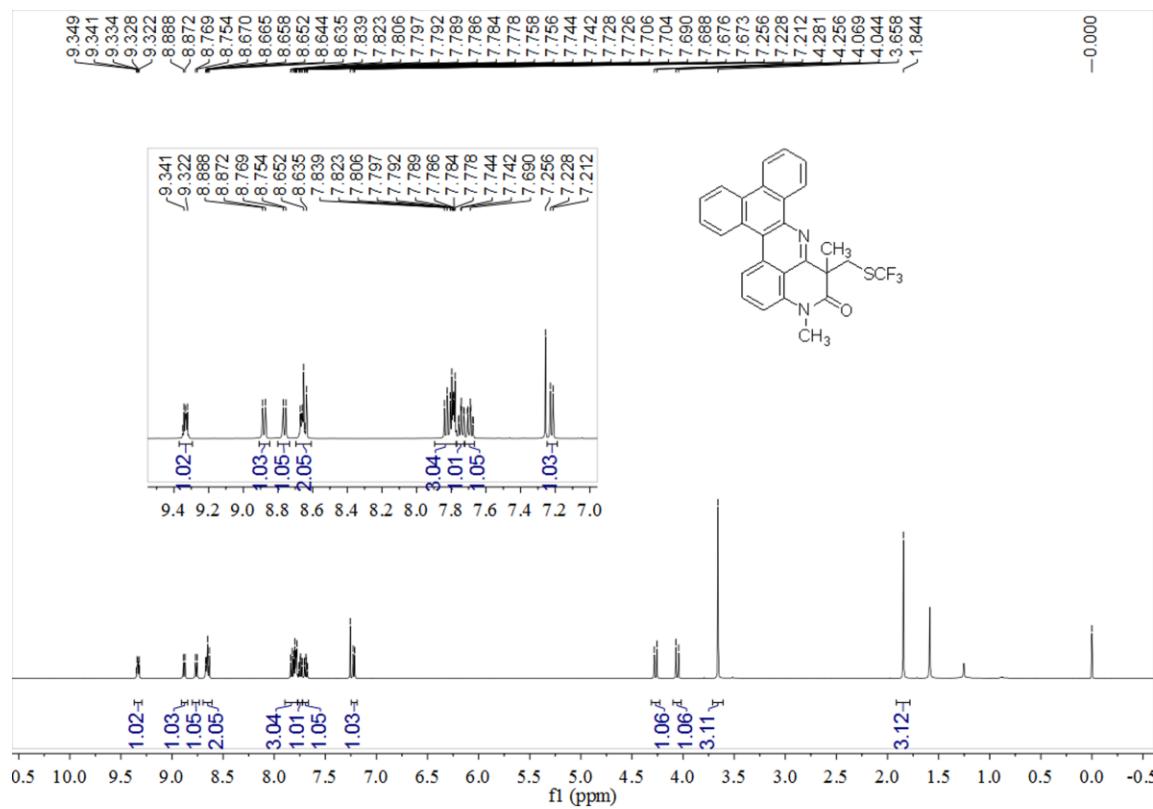


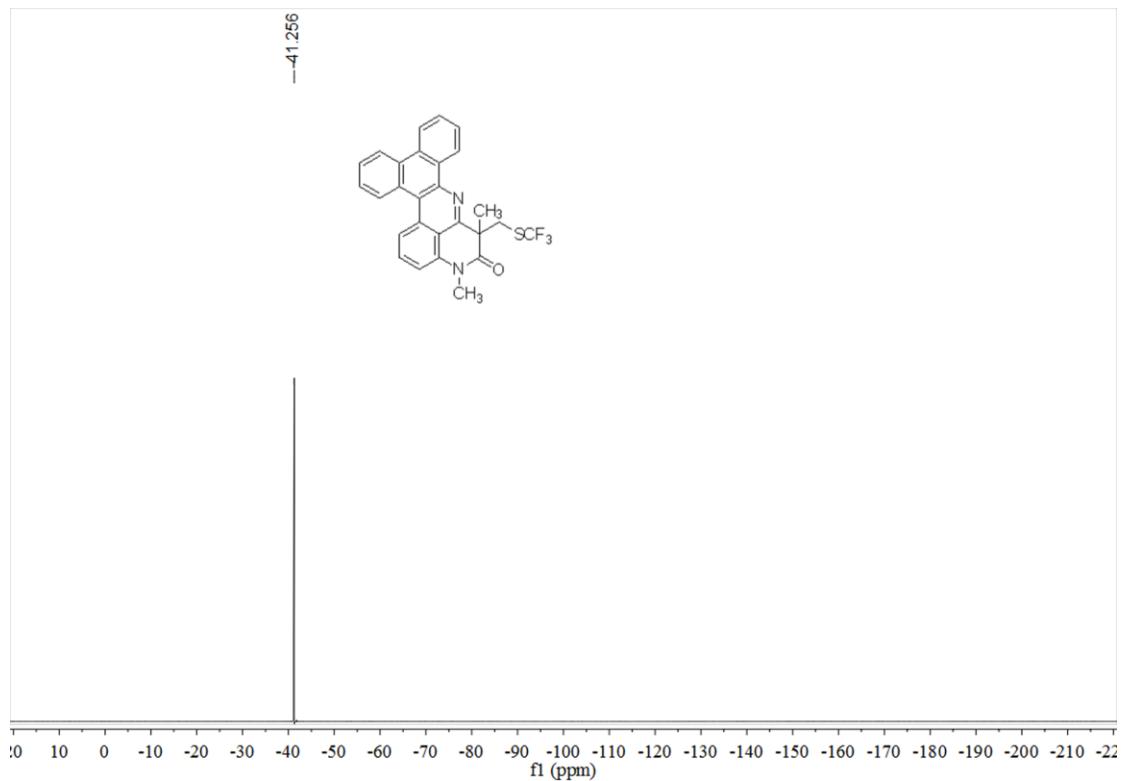
^1H NMR, ^{13}C NMR and ^{19}F NMR spectra of compound **3r** :



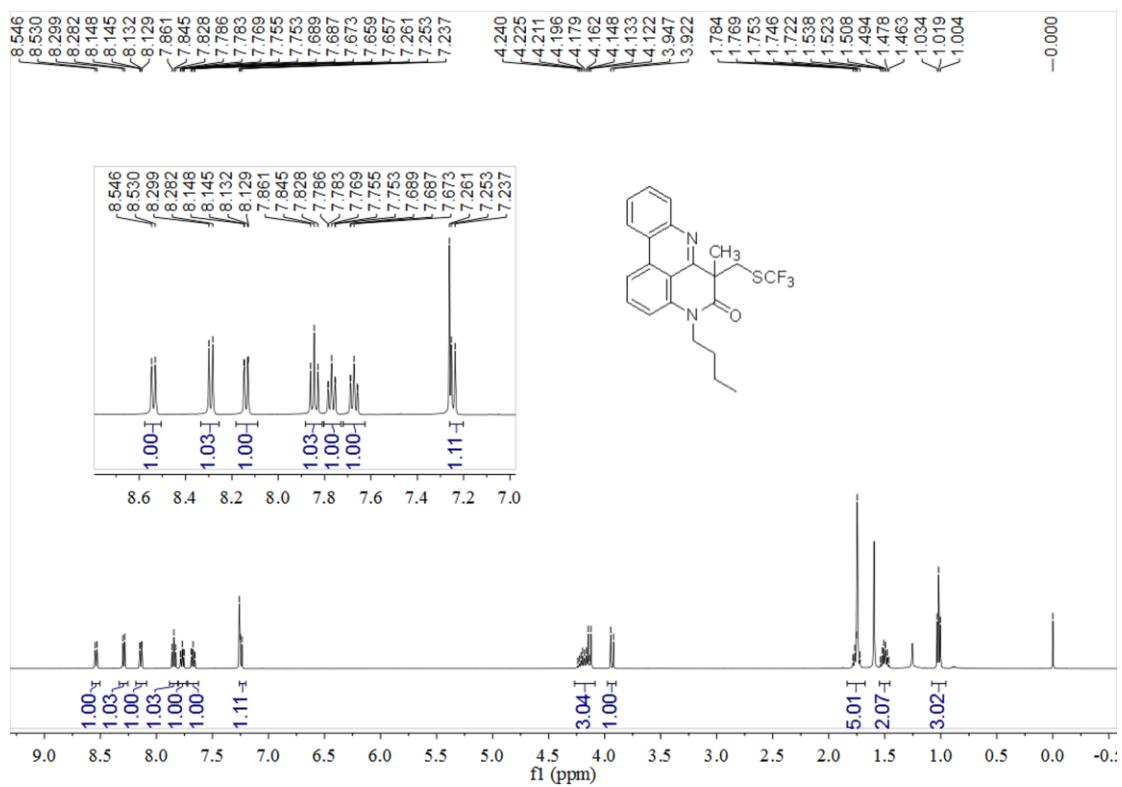


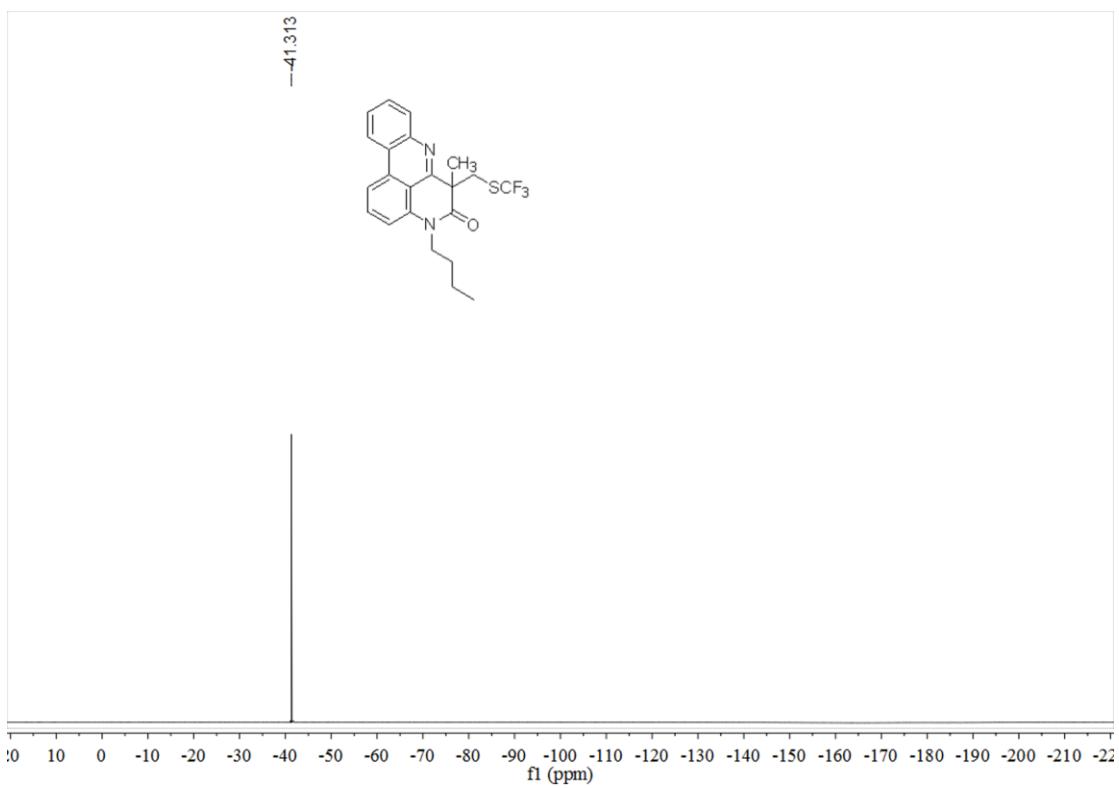
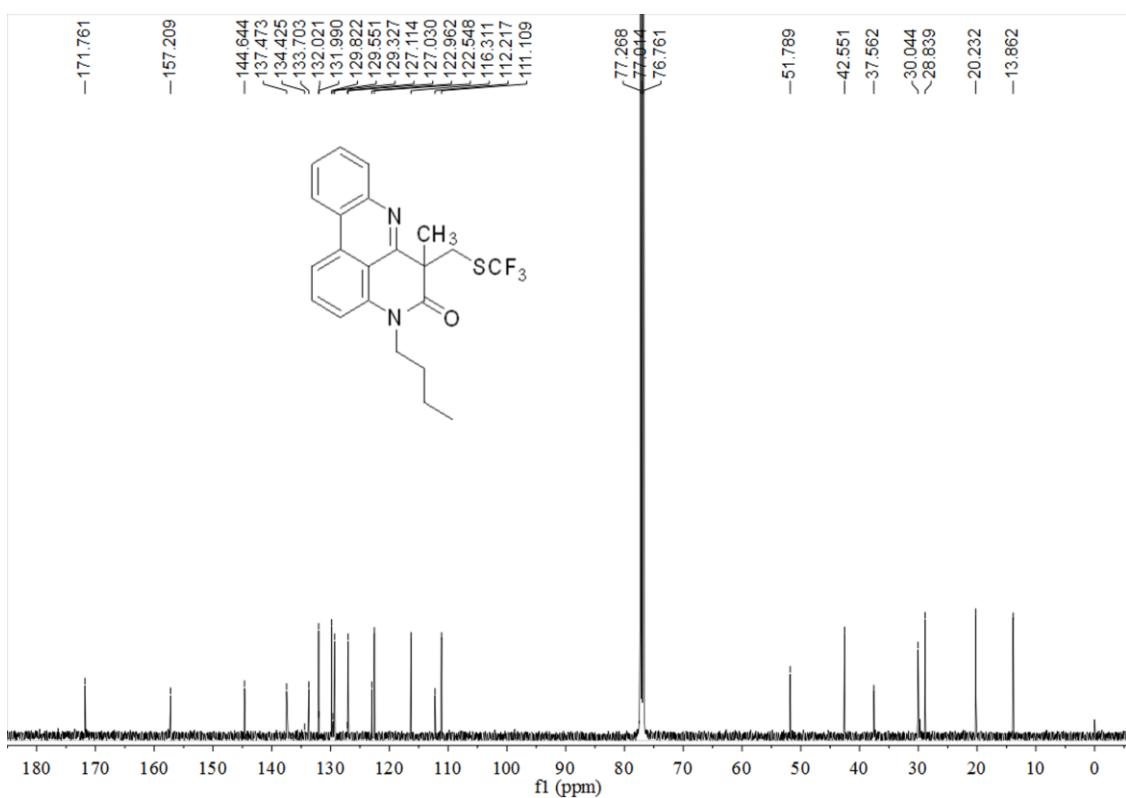
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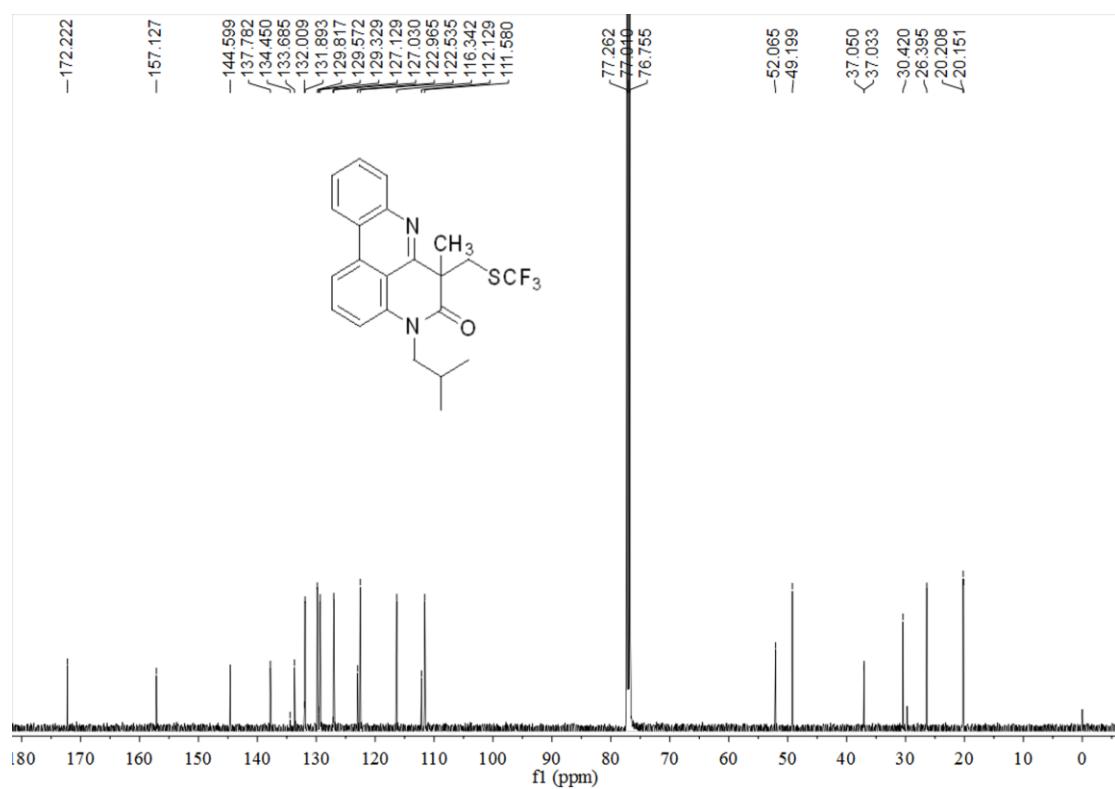
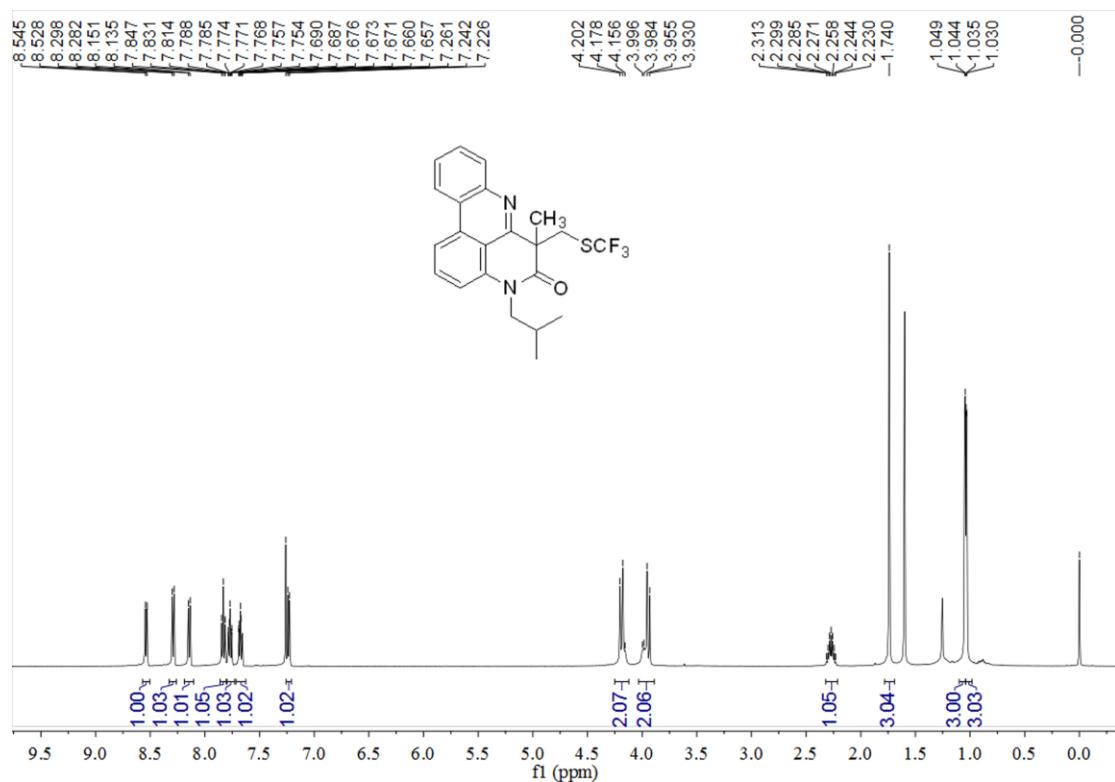


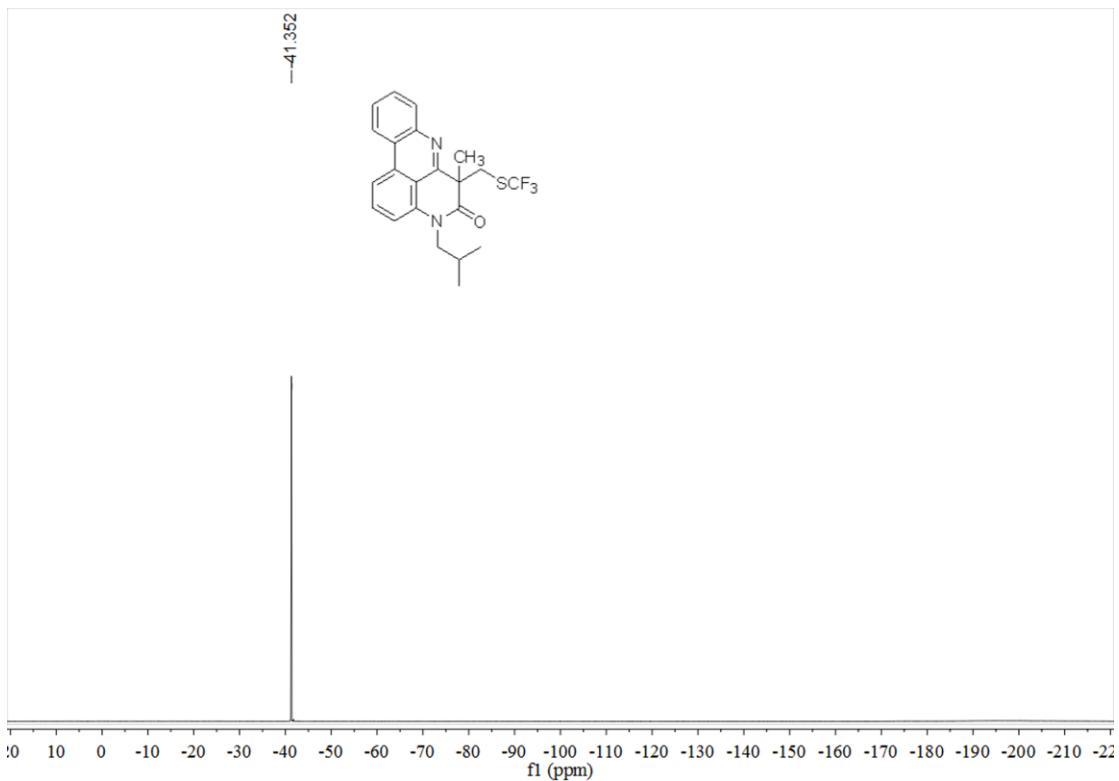
¹H NMR, ¹³C NMR and ¹⁹F NMR spectra of compound 3t:





¹H NMR, ¹³C NMR and ¹⁹F NMR spectra of compound **3u**:





^1H NMR, ^{13}C NMR and ^{19}F NMR spectra of compound **3v**:

