

## Supplementary Information

### Synthesis and spectral properties of aromatically $\pi$ -extended coumarin-fused *meso*-tetraphenylpyridoporphyrins

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## Mass spectra of copper(II) porphyrin products (3–7)

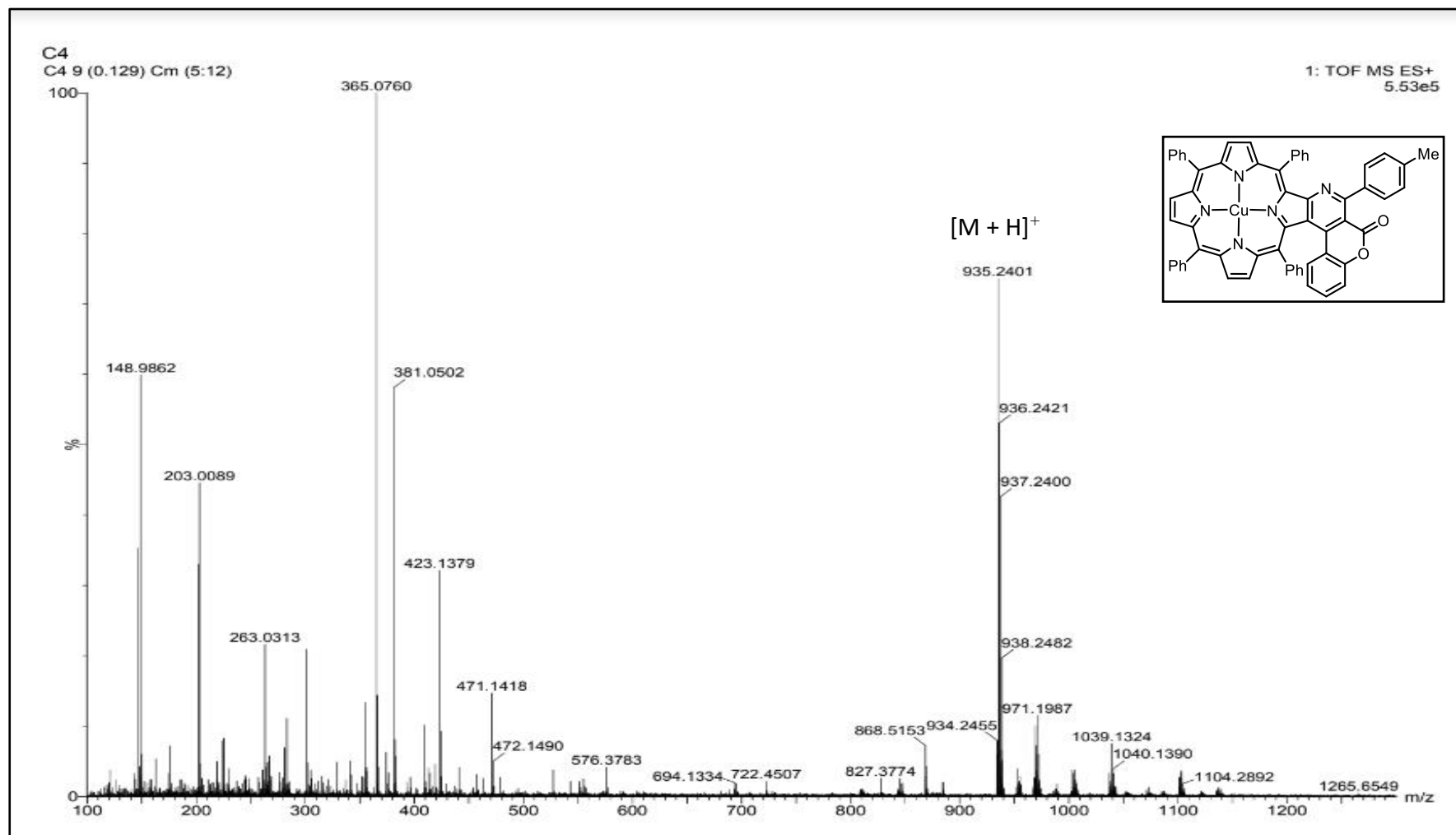


Figure S12. ESI mass spectrum of copper(II) porphyrin (3)

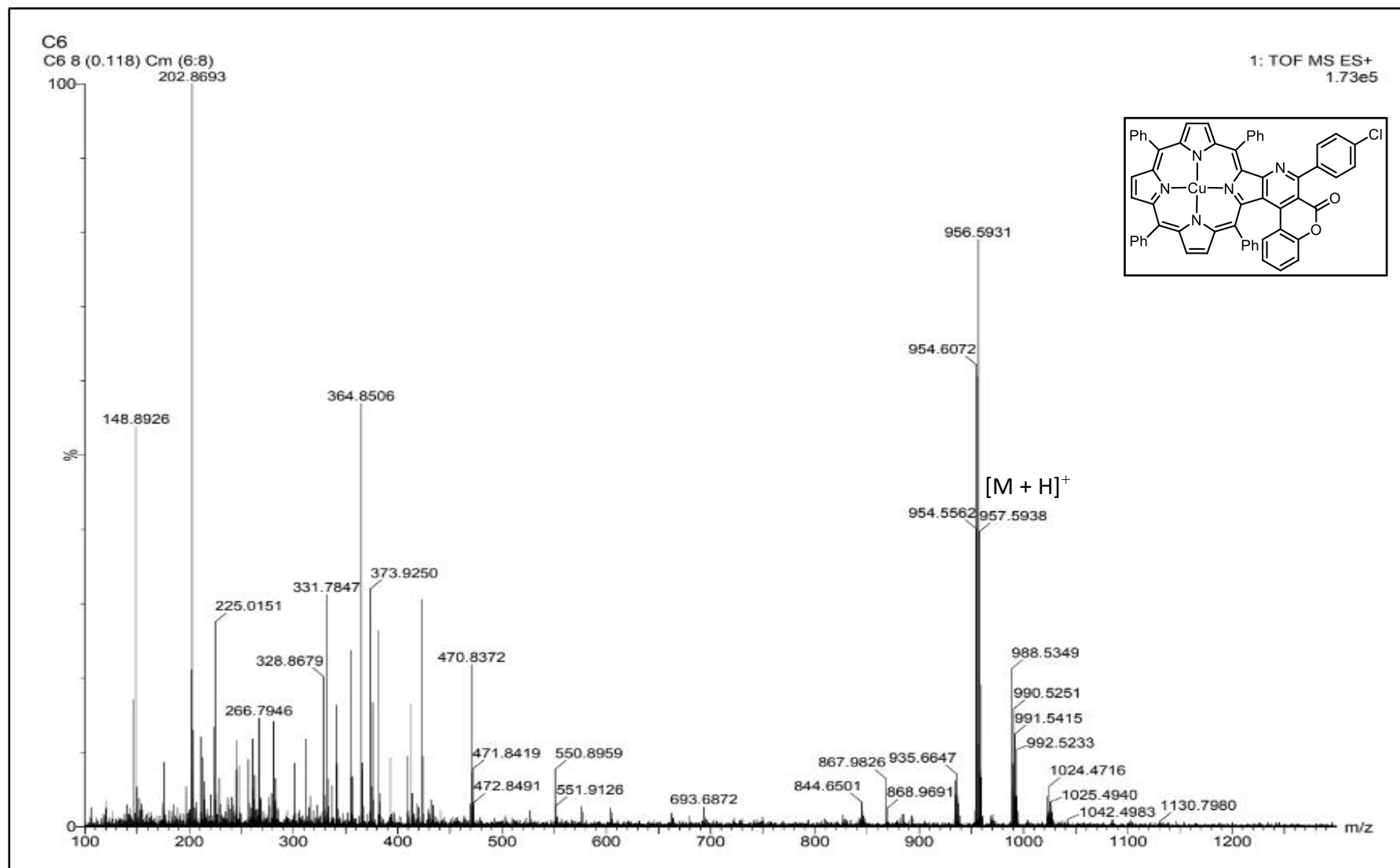
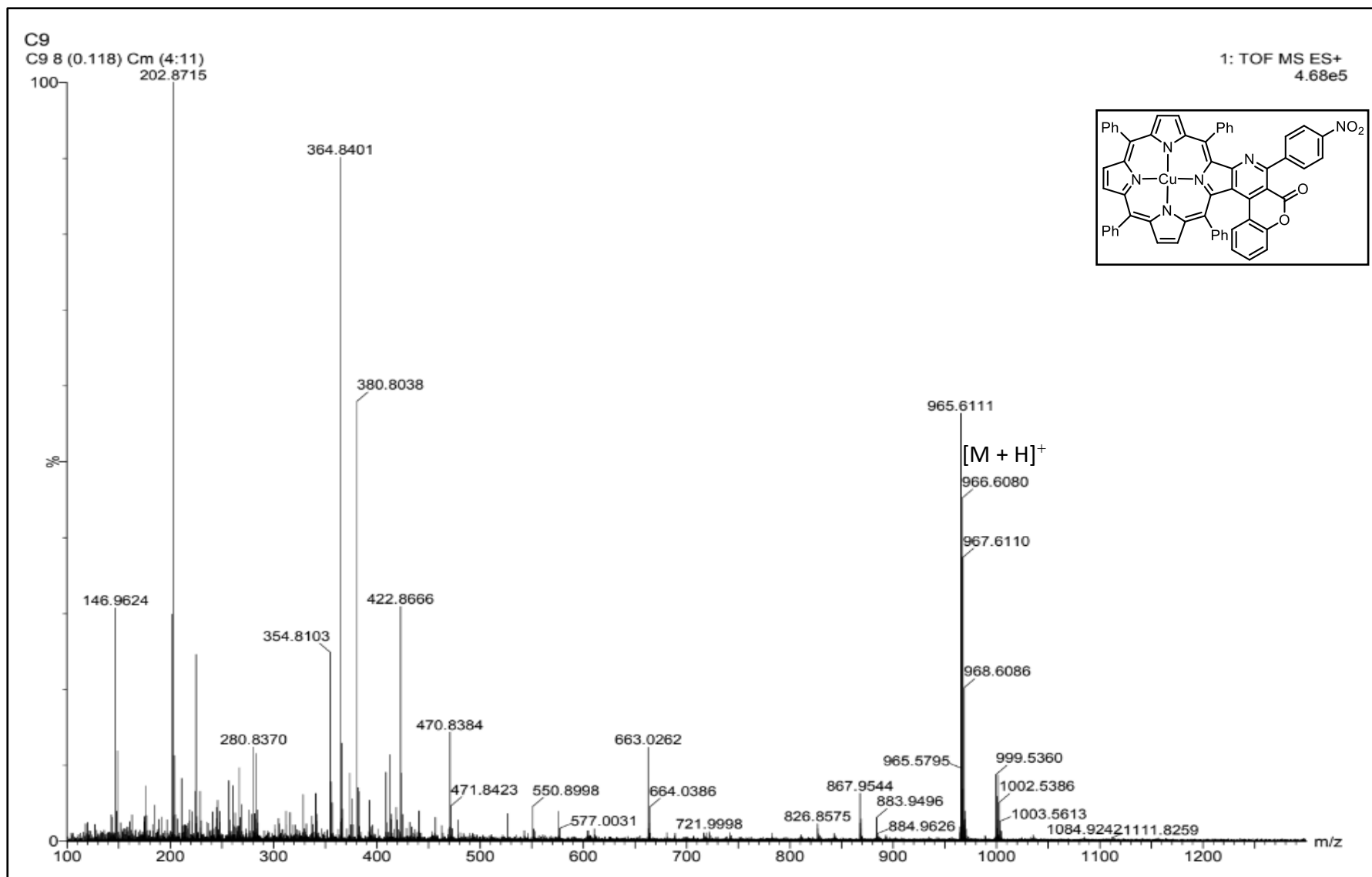


Figure S13. ESI mass spectrum of copper(II) porphyrin (4)



**Figure S14.** ESI mass spectrum of copper(II) porphyrin (**5**)

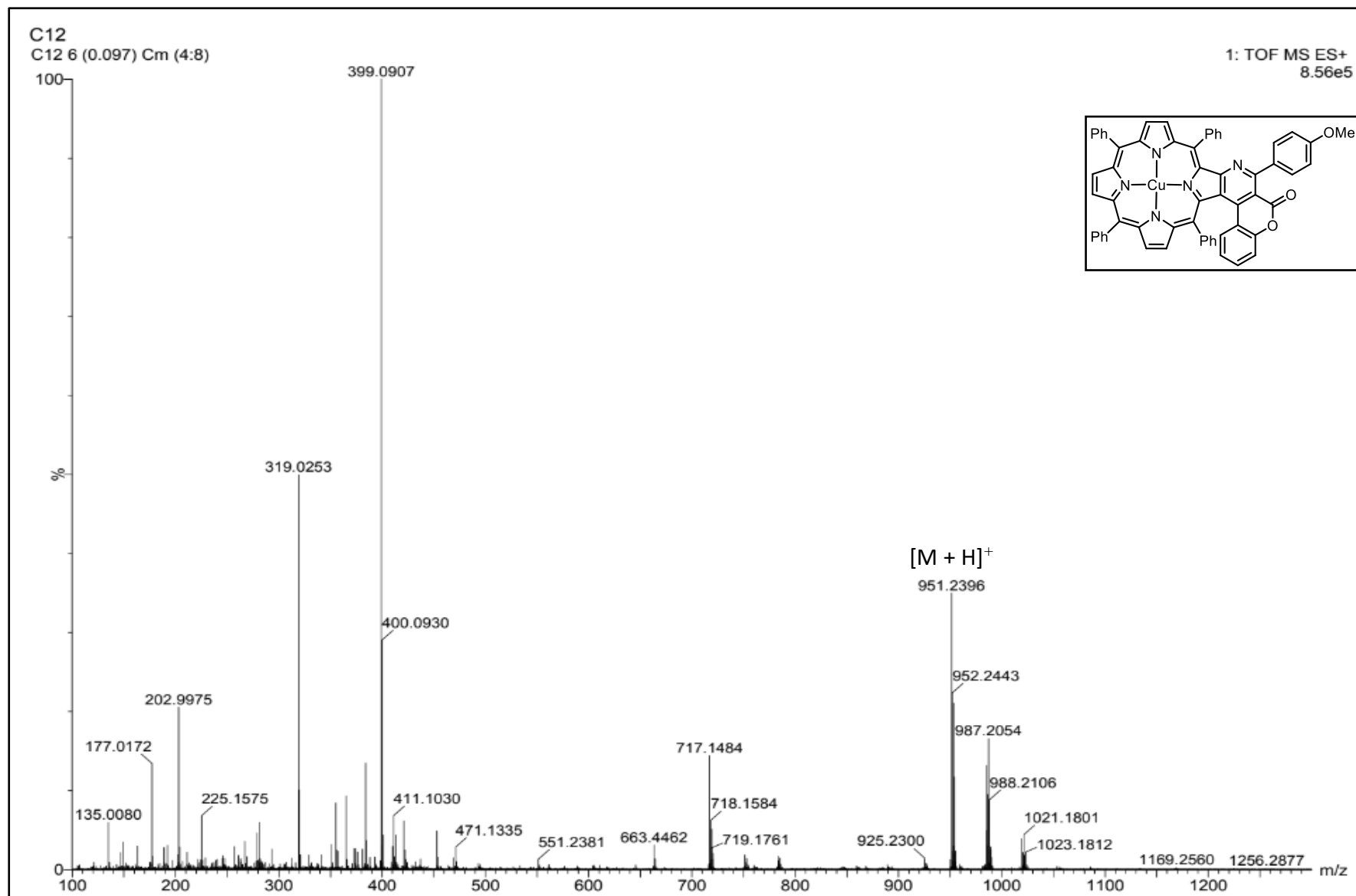
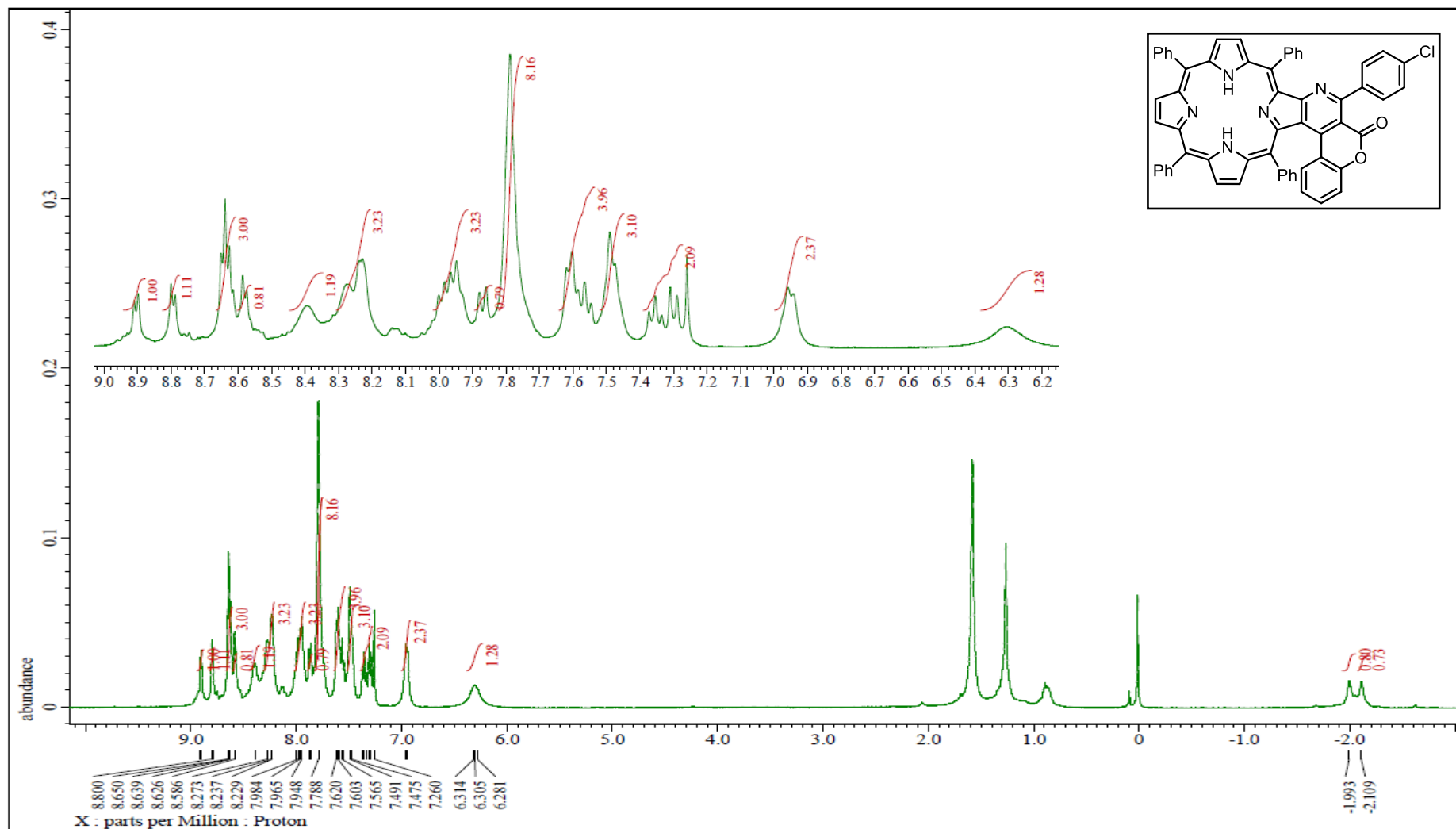


Figure S15. ESI mass spectrum of copper(II) porphyrin (6)



**$^1\text{H}$  and  $^{13}\text{C}$  NMR spectra of representative free-base and zinc(II) porphyrins (9, 10, 12–15).**



**Figure S4.**  $^1\text{H}$  NMR spectrum of porphyrin (9) in  $\text{CDCl}_3$

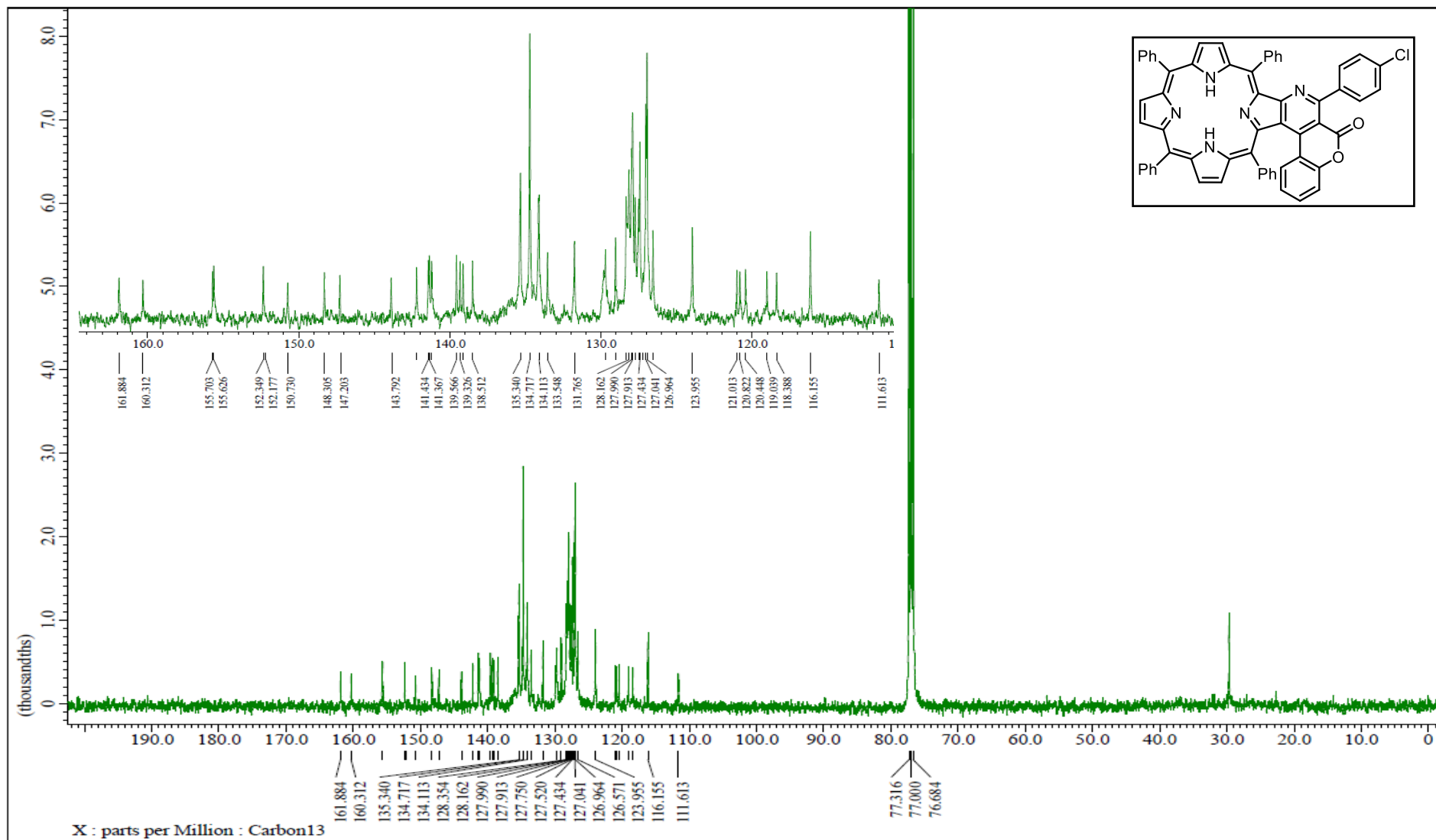


Figure S5.  $^{13}\text{C}$  NMR spectrum of porphyrin (9) in  $\text{CDCl}_3$

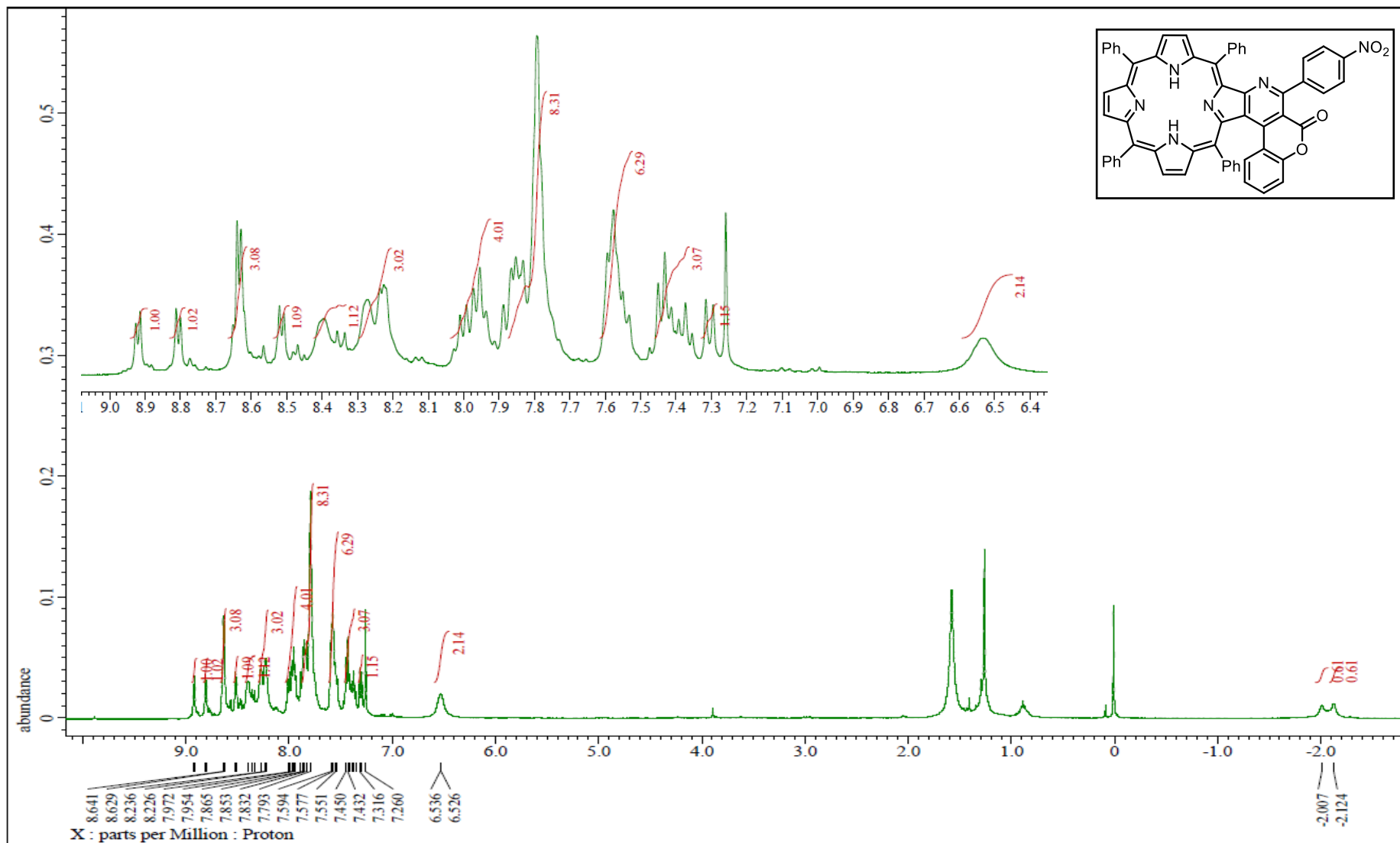
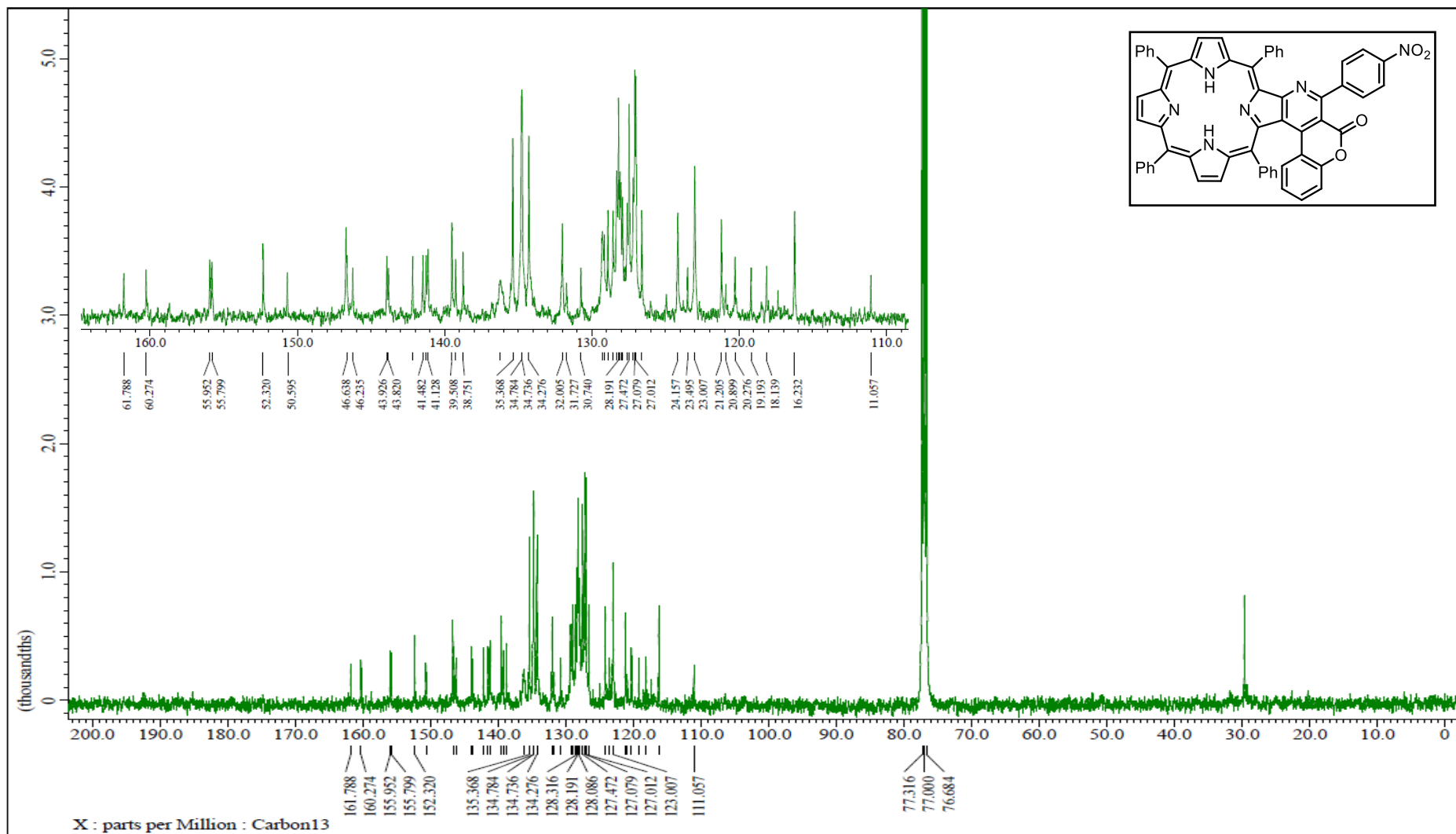


Figure S6.  $^1\text{H}$  NMR spectrum of porphyrin (10) in  $\text{CDCl}_3$



**Figure S7.** <sup>13</sup>C NMR spectrum of porphyrin (**10**) in CDCl<sub>3</sub>

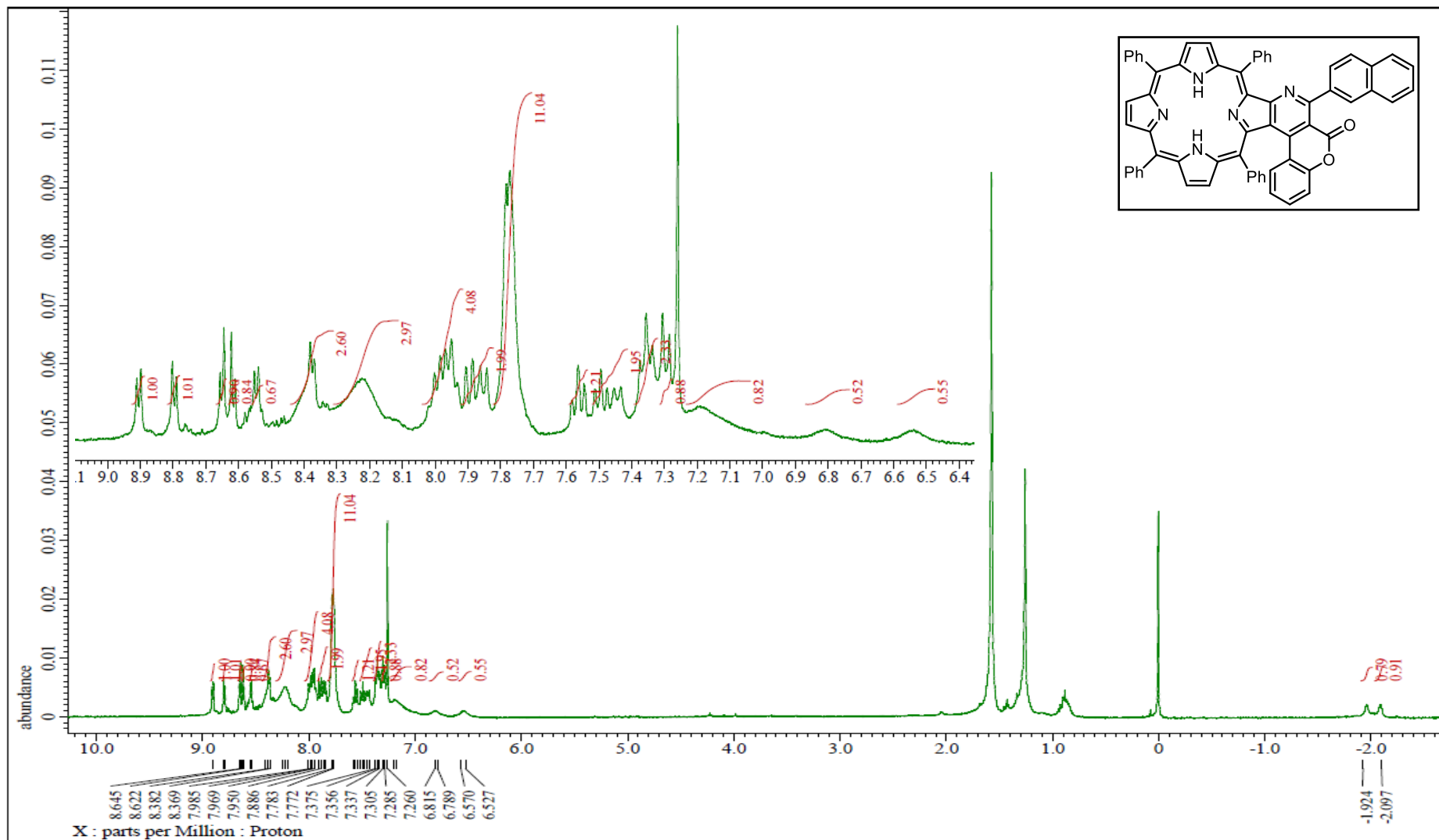
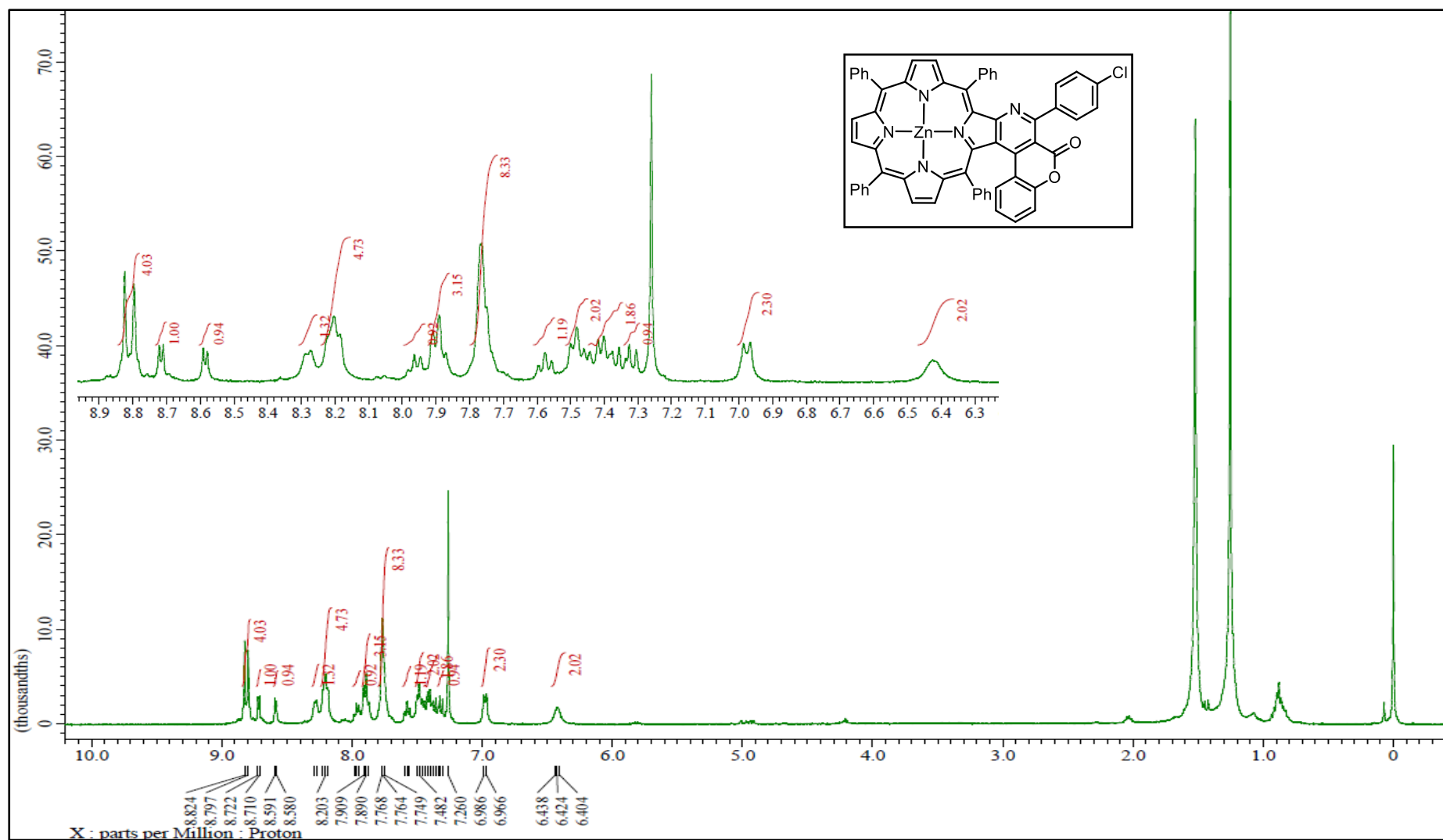
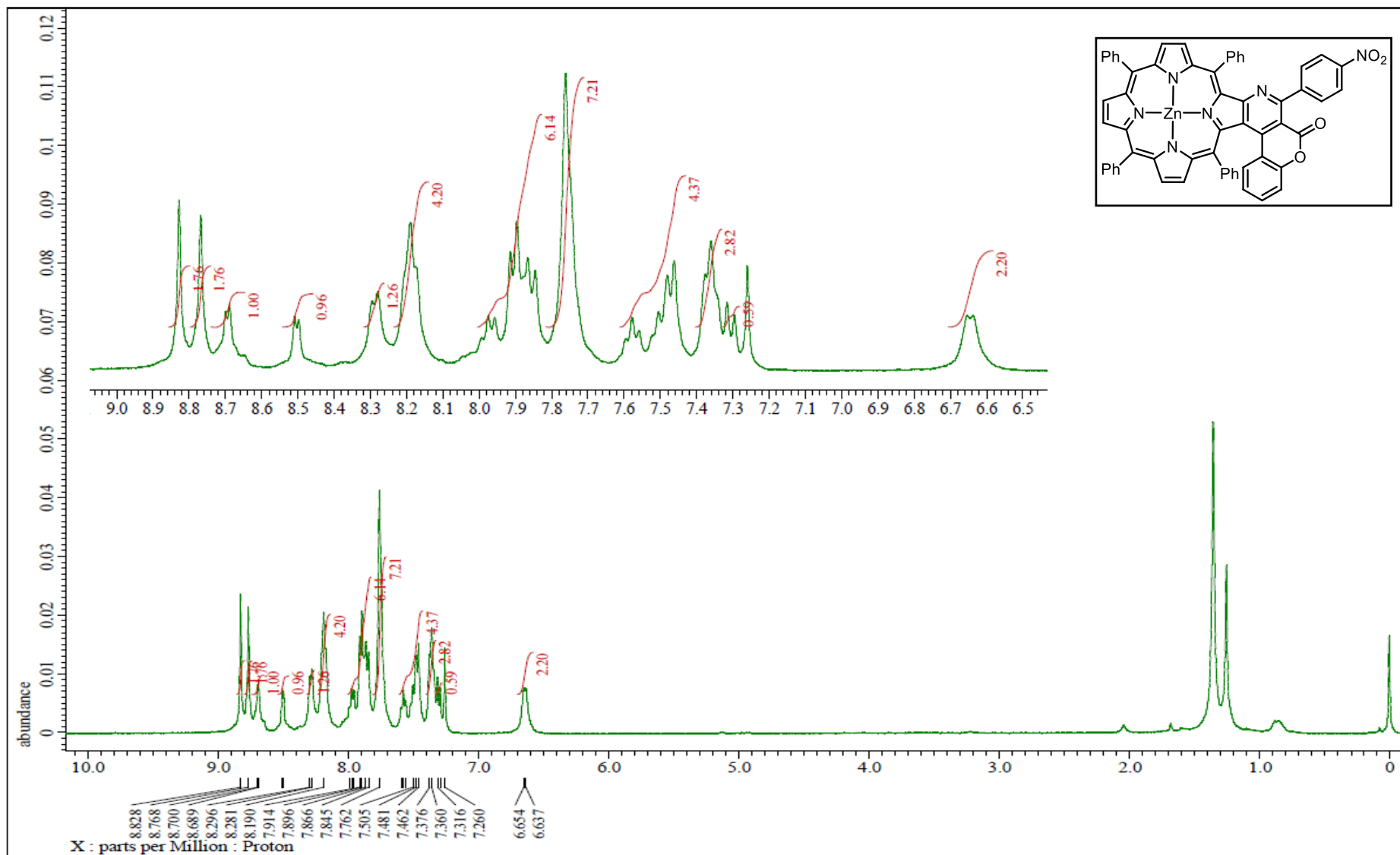


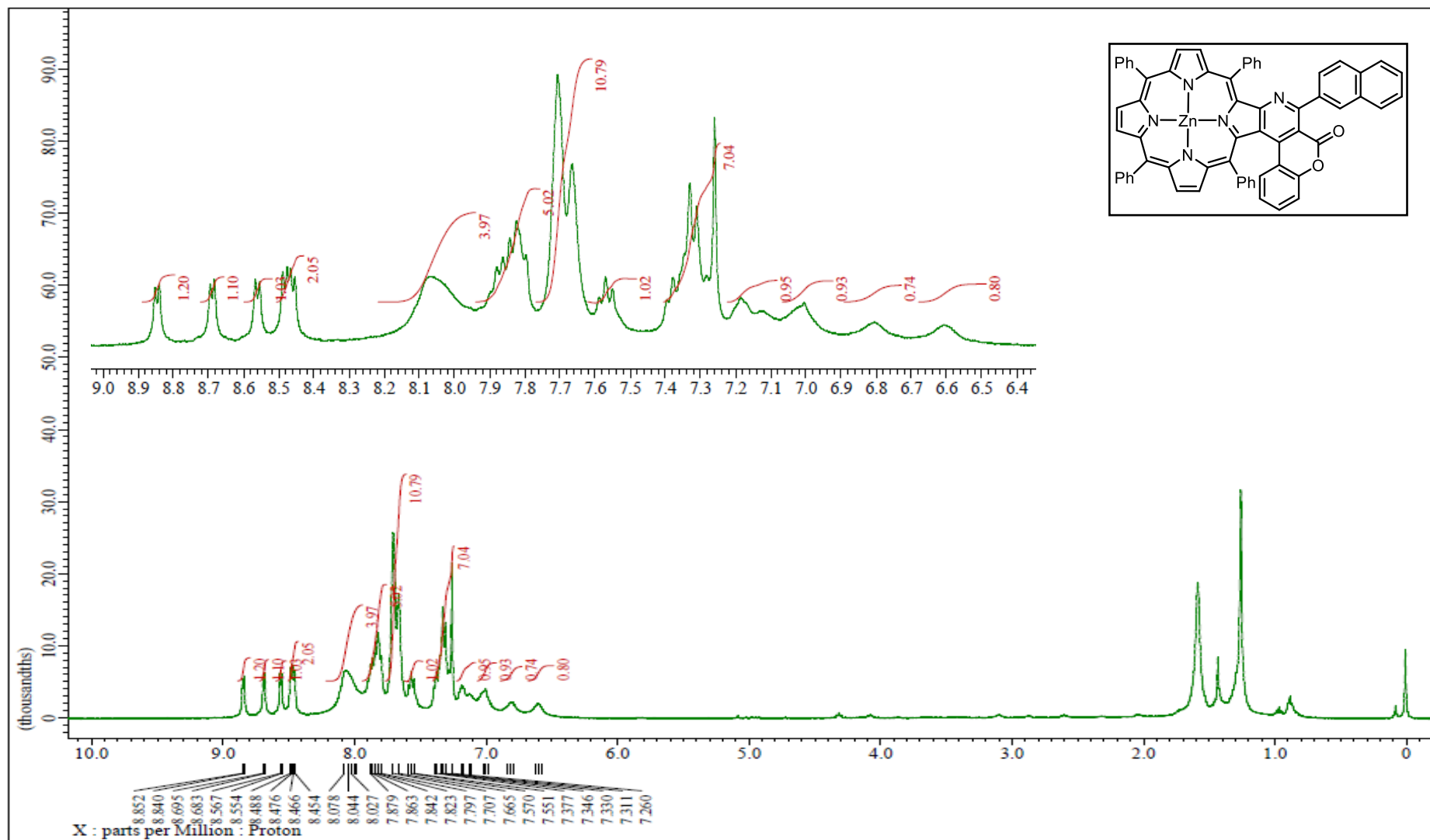
Figure S8.  $^1\text{H}$  NMR spectrum of porphyrin (**12**) in  $\text{CDCl}_3$



**Figure S9.**  $^1\text{H}$  NMR spectrum of porphyrin (**13**) in  $\text{CDCl}_3$



**Figure S10.** <sup>1</sup>H NMR spectrum of porphyrin (**14**) in CDCl<sub>3</sub>



**Figure S11.**  $^1\text{H}$  NMR spectrum of porphyrin (15) in  $\text{CDCl}_3$