Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry.

Supporting Information

Cationic phthalocyanine dendrimers as potential antimicrobial photosensitisers

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Part 1. Structural characterisation data.

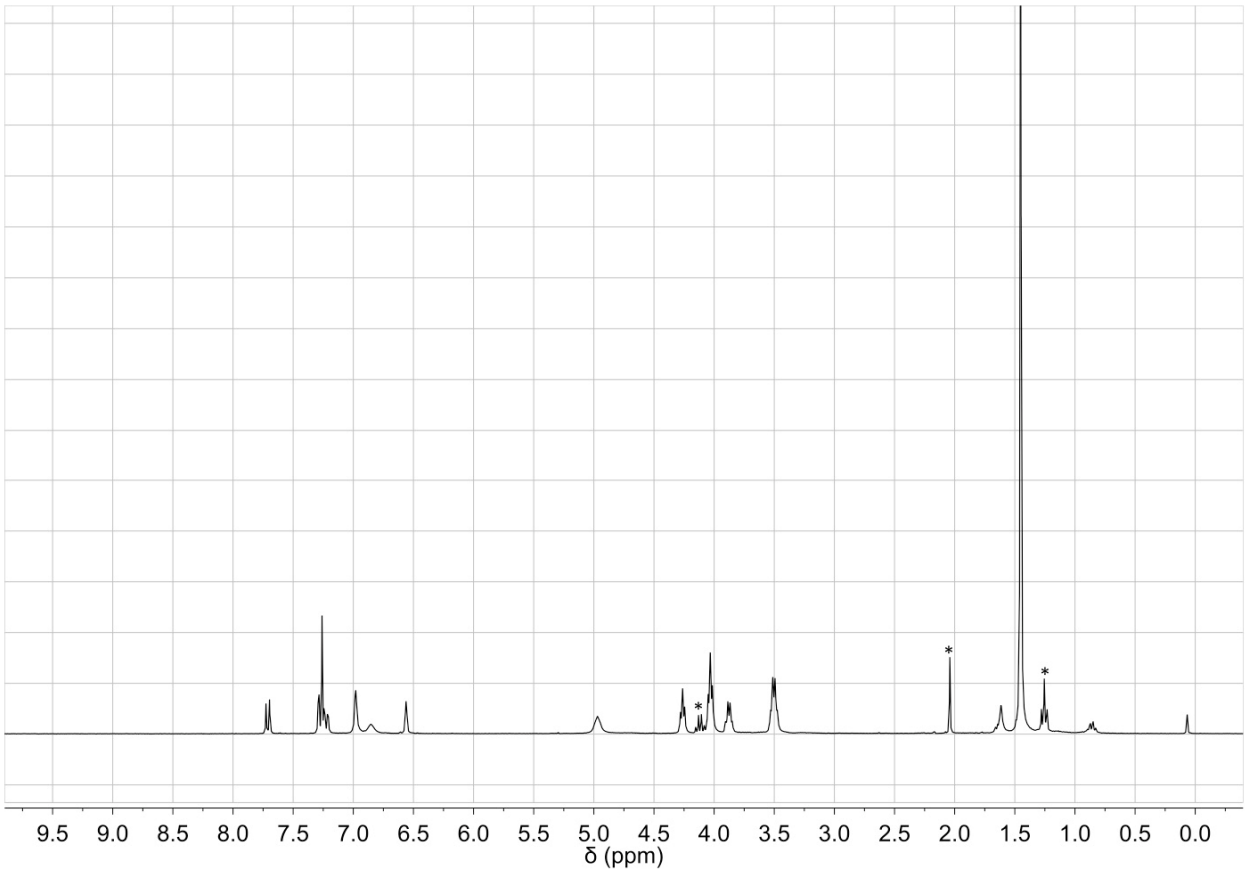

Fig. S1a. ^{1}H NMR spectrum of **6** ($CDCl_3$, 300 MHz); *: solvent impurities.

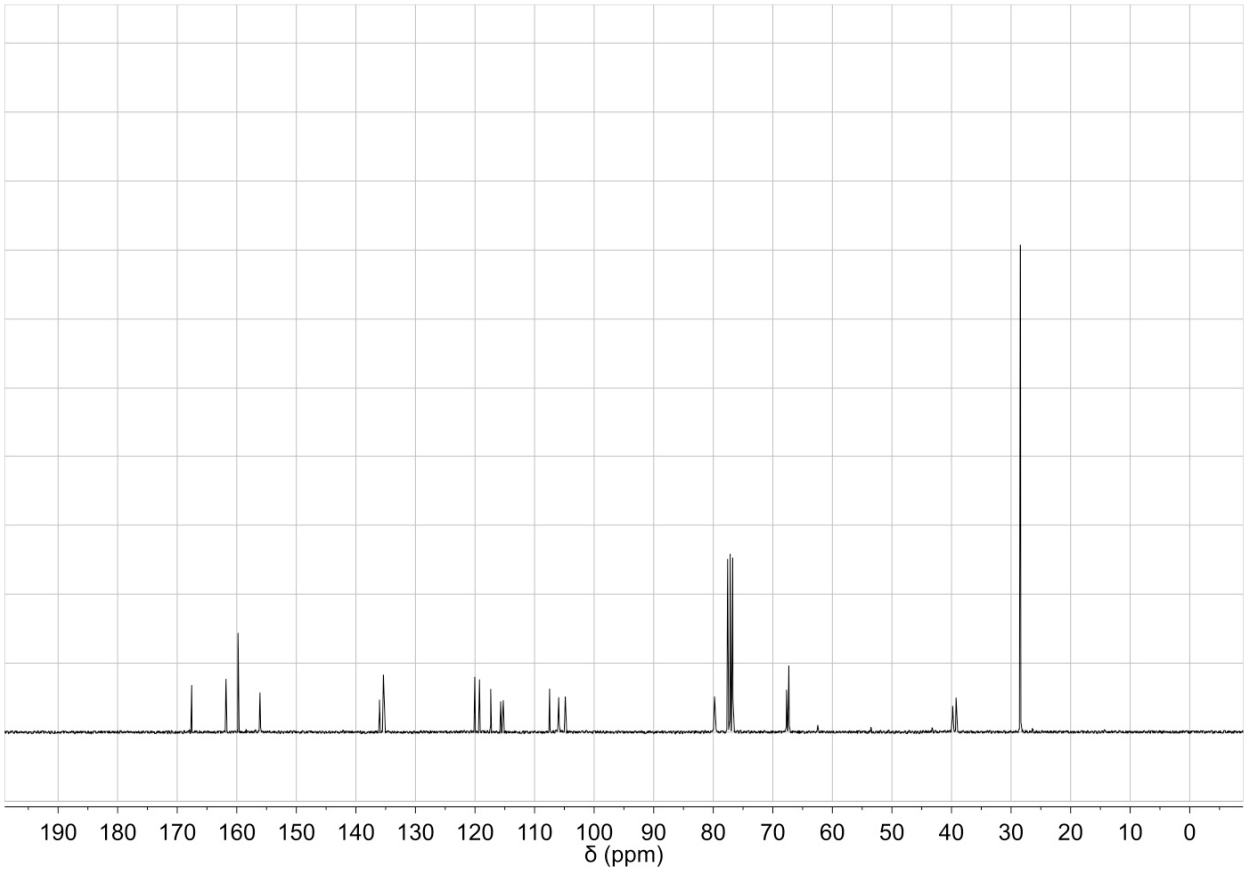

Fig. S1b. ^{13}C NMR spectrum of **6** ($CDCl_3$, 75 MHz).

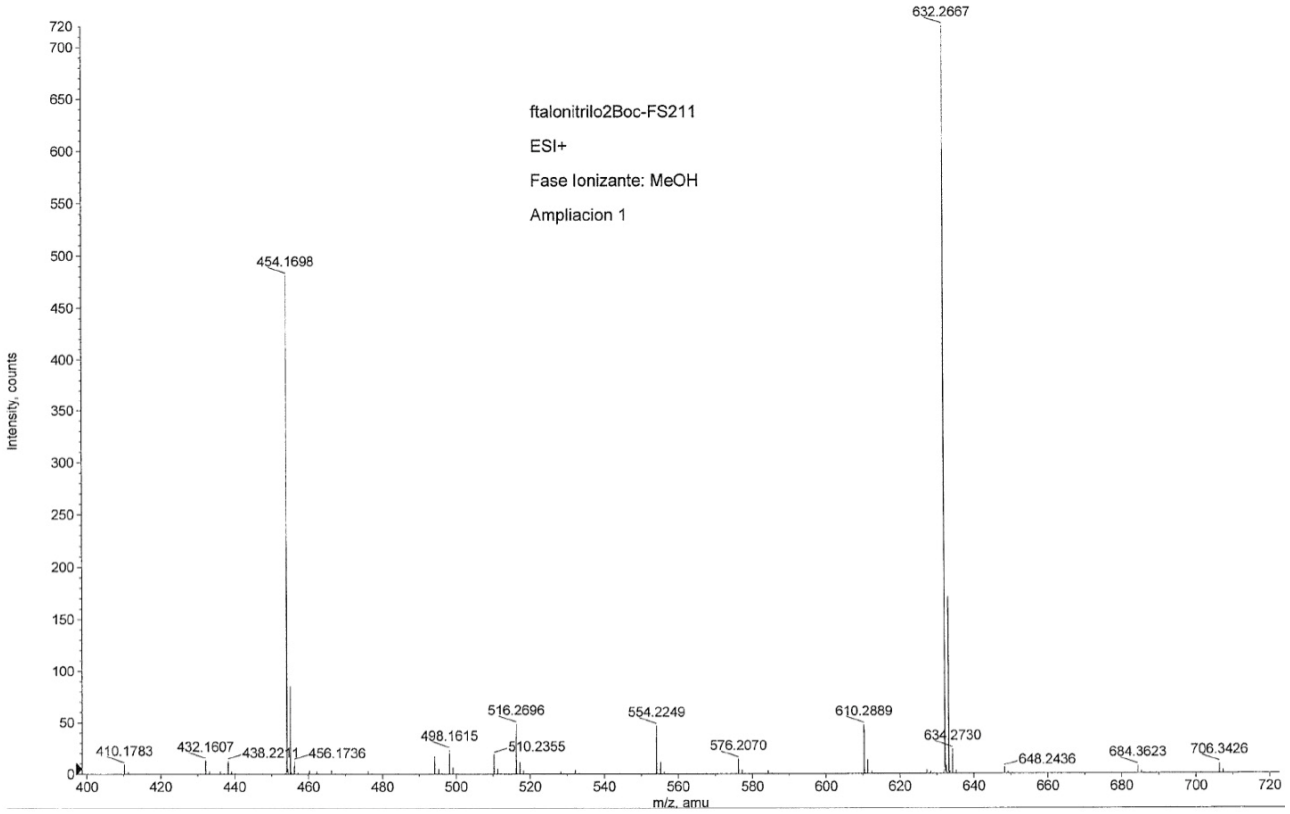

Fig. S1c. ESI-TOF MS spectrum of **6**.

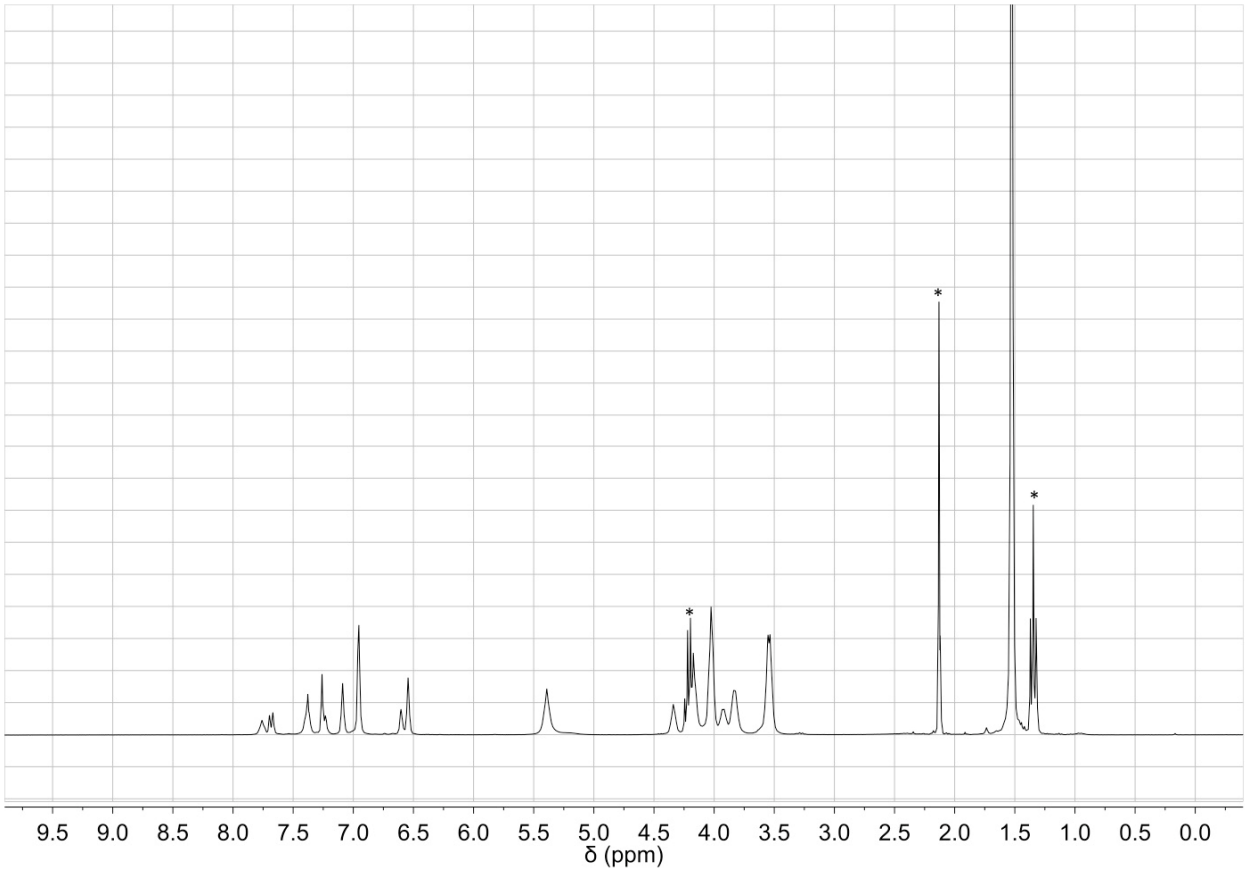

Fig. S2a. ^{1}H NMR spectrum of **7** ($CDCl_3$, 300 MHz); *: solvent impurities.

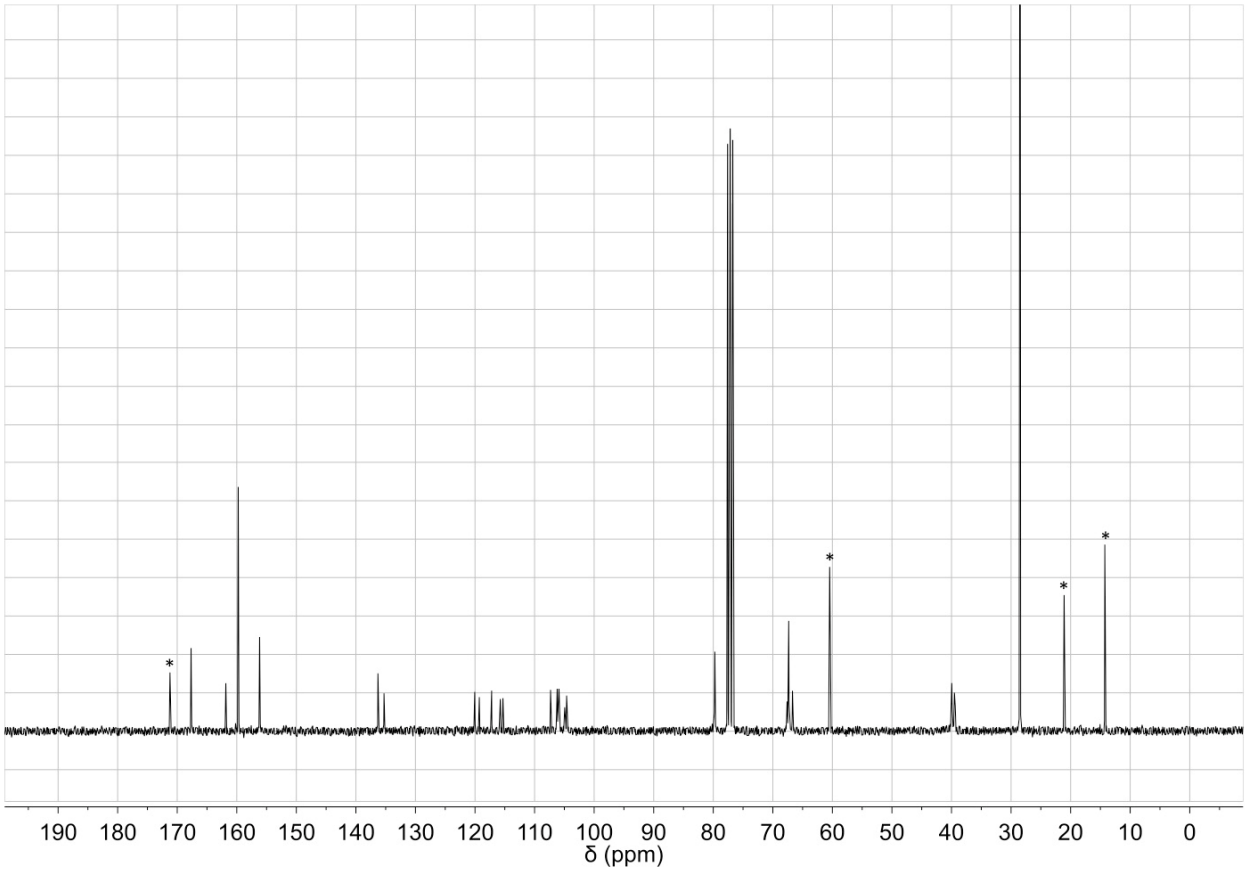

Fig. S2b. ^{13}C NMR spectrum of **7** ($CDCl_3$, 75 MHz).

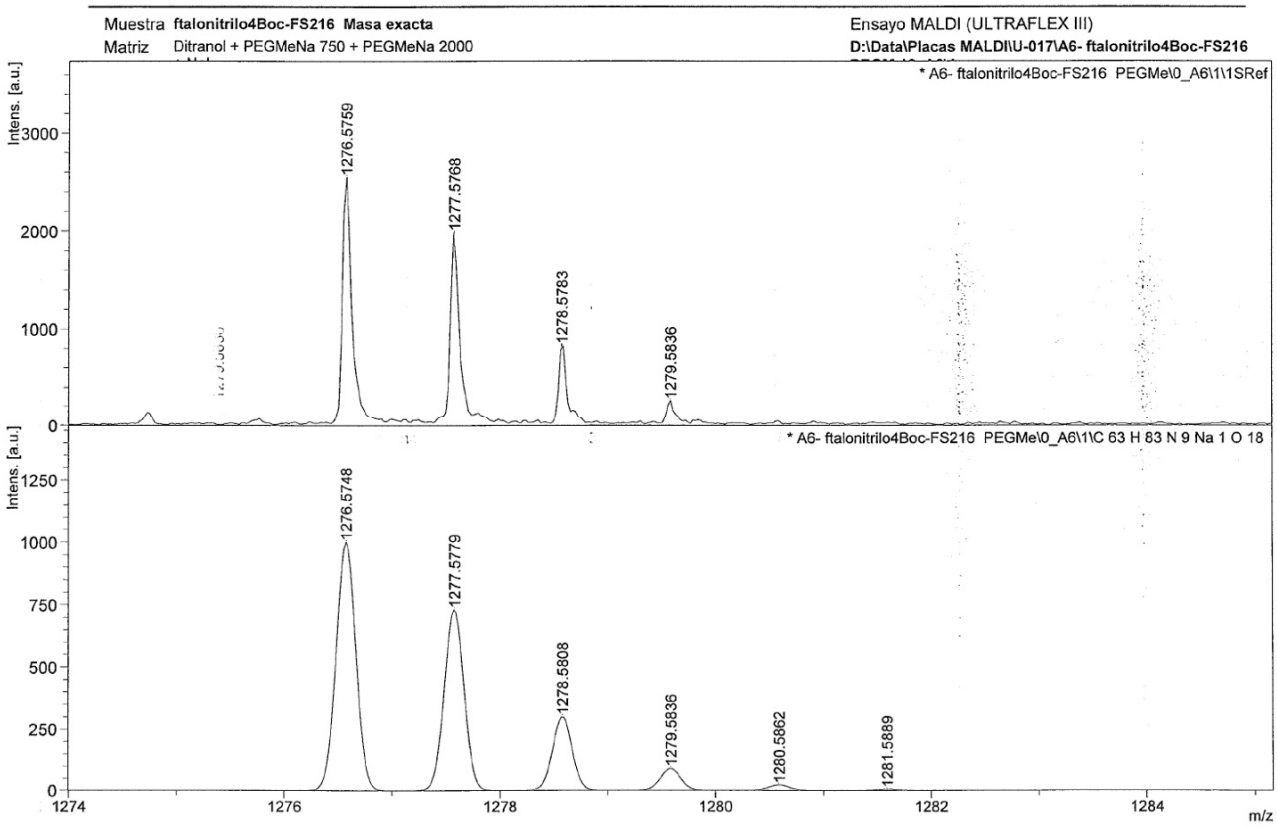

Fig. S2c. MALDI-TOF MS spectrum of **7** (Top: experimental spectrum, bottom: simulated spectrum).

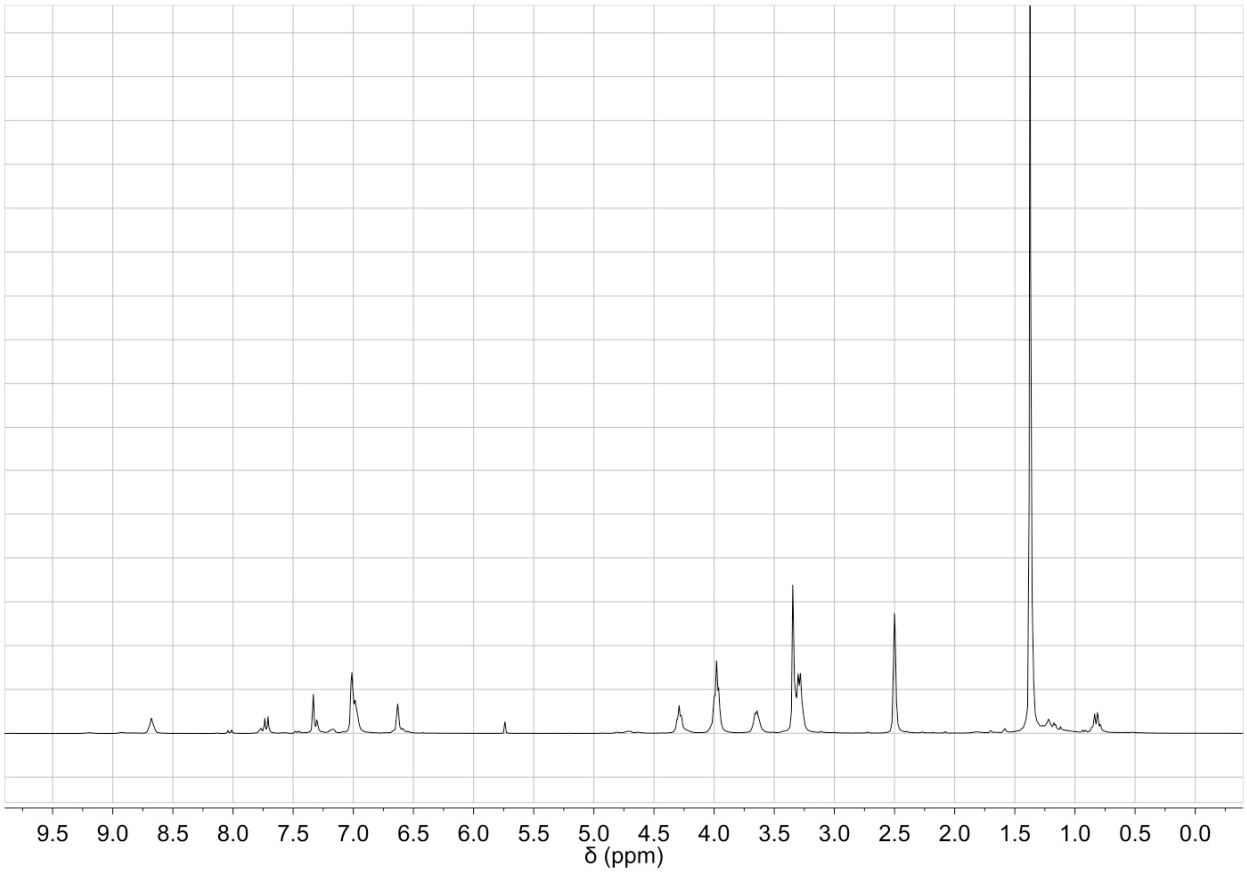

Fig. S3a. ^{1}H NMR spectrum of **9** (DMSO-d6, 300 MHz).

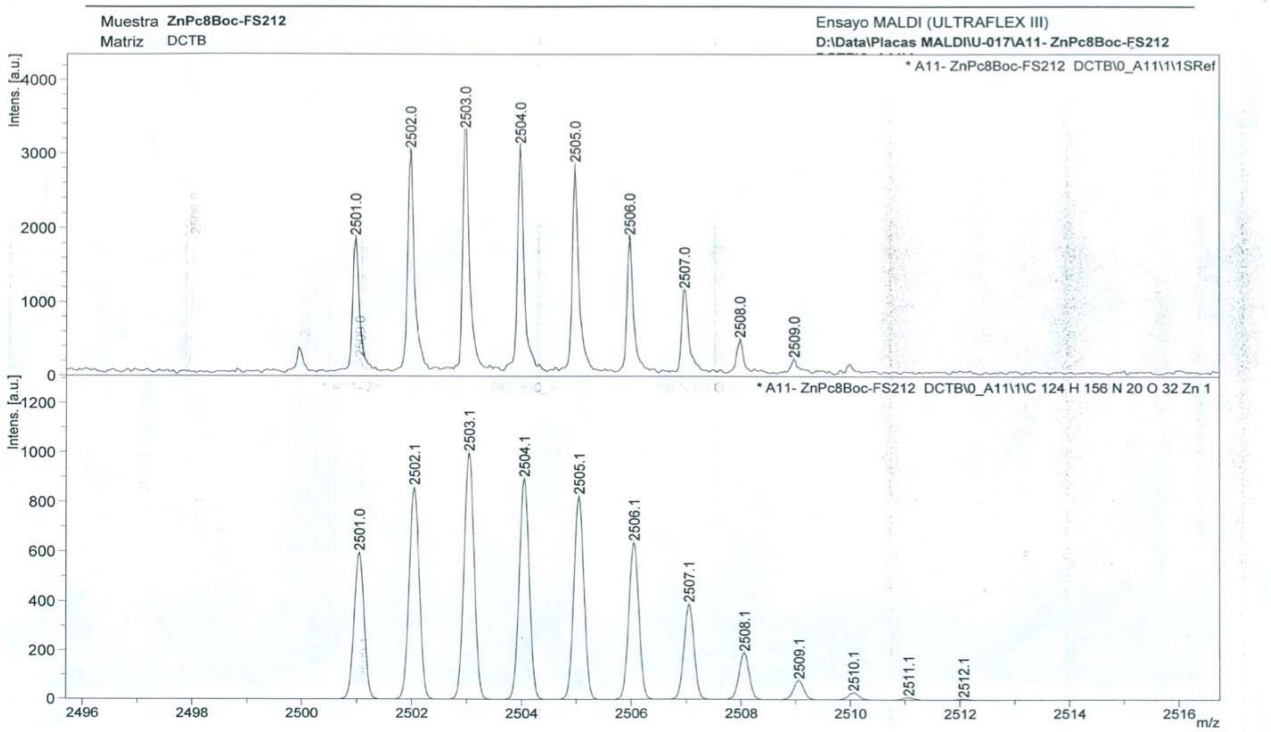

Fig. S3b. MALDI-TOF MS spectrum of **9** (Top: experimental spectrum, bottom: simulated spectrum).

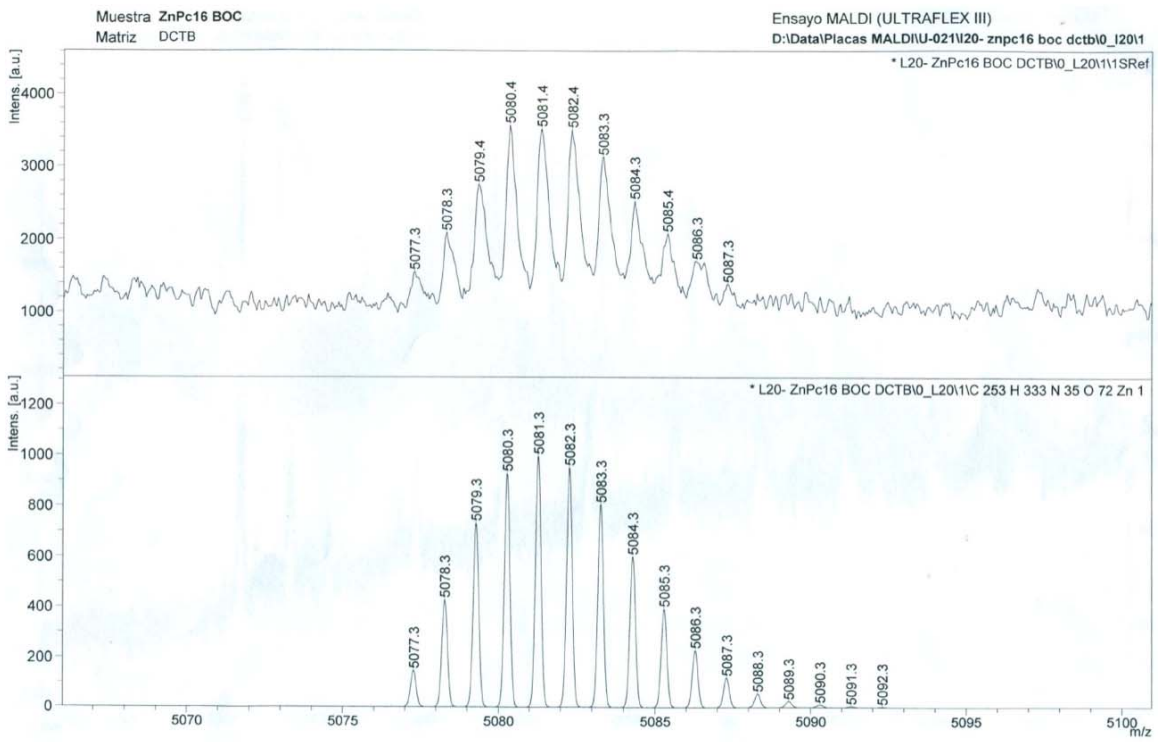

Fig. S4. MALDI-TOF MS spectrum of **10** (Top: experimental spectrum, bottom: simulated spectrum).

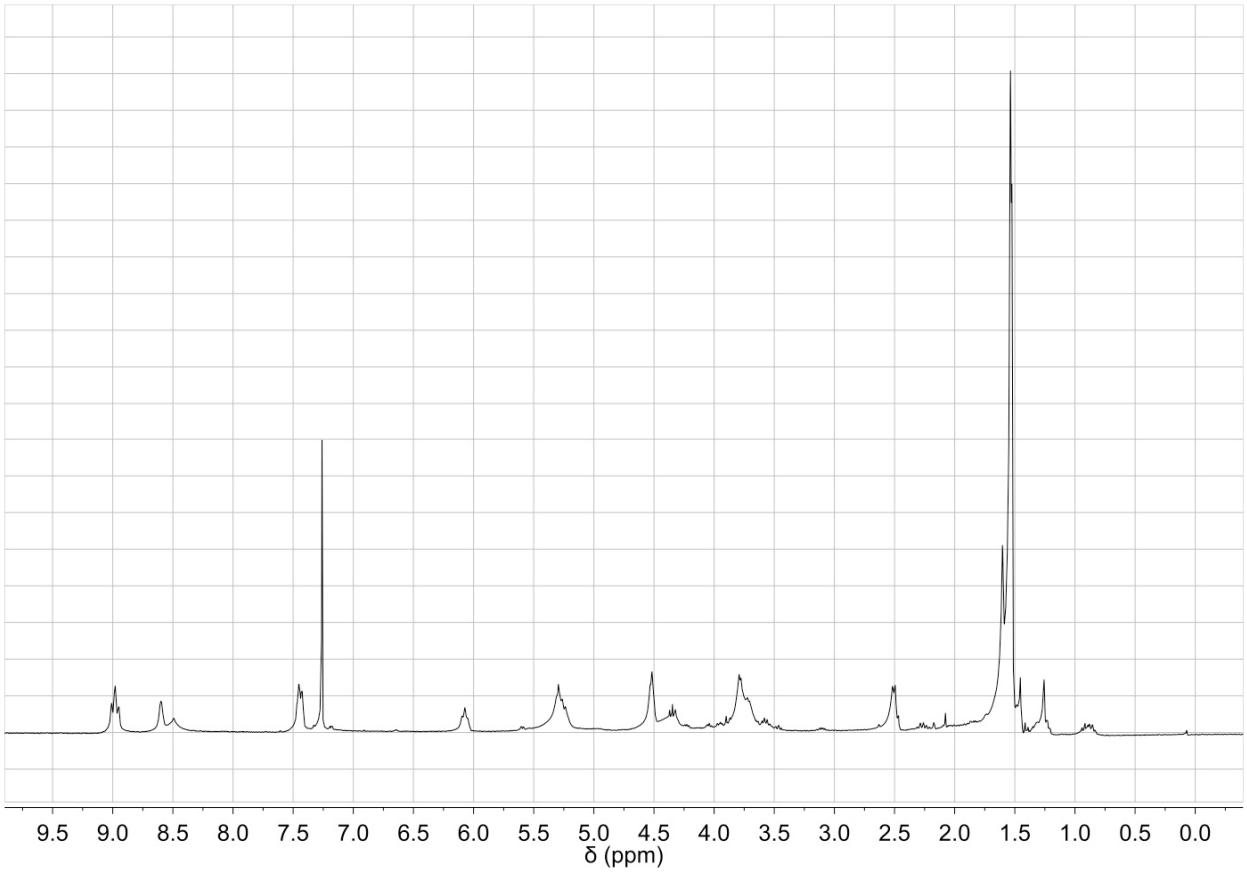

Fig. S5a. ^{1}H NMR spectrum of **11** ($CDCl_3$, 300 MHz).

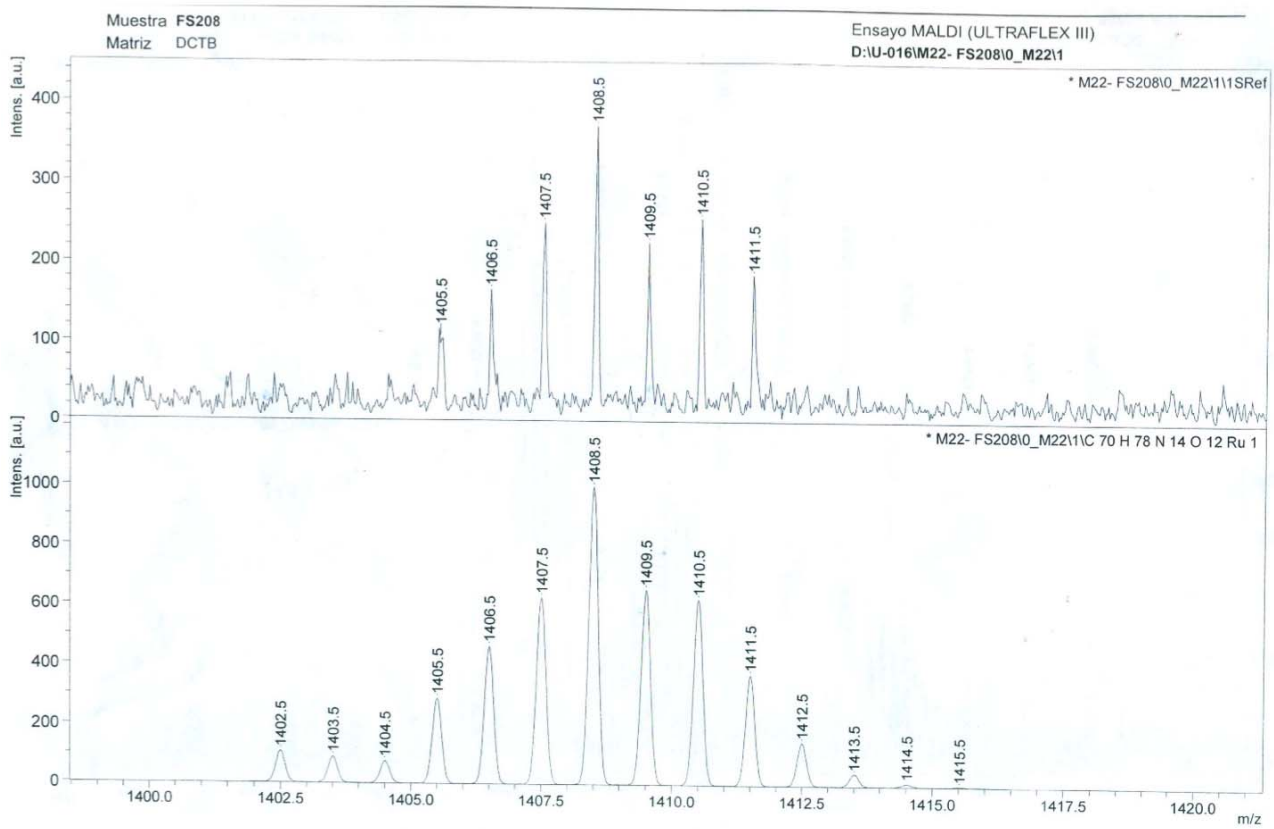

Fig. S5b. MALDI-TOF MS spectrum of **11** (Top: experimental spectrum, bottom: simulated spectrum).

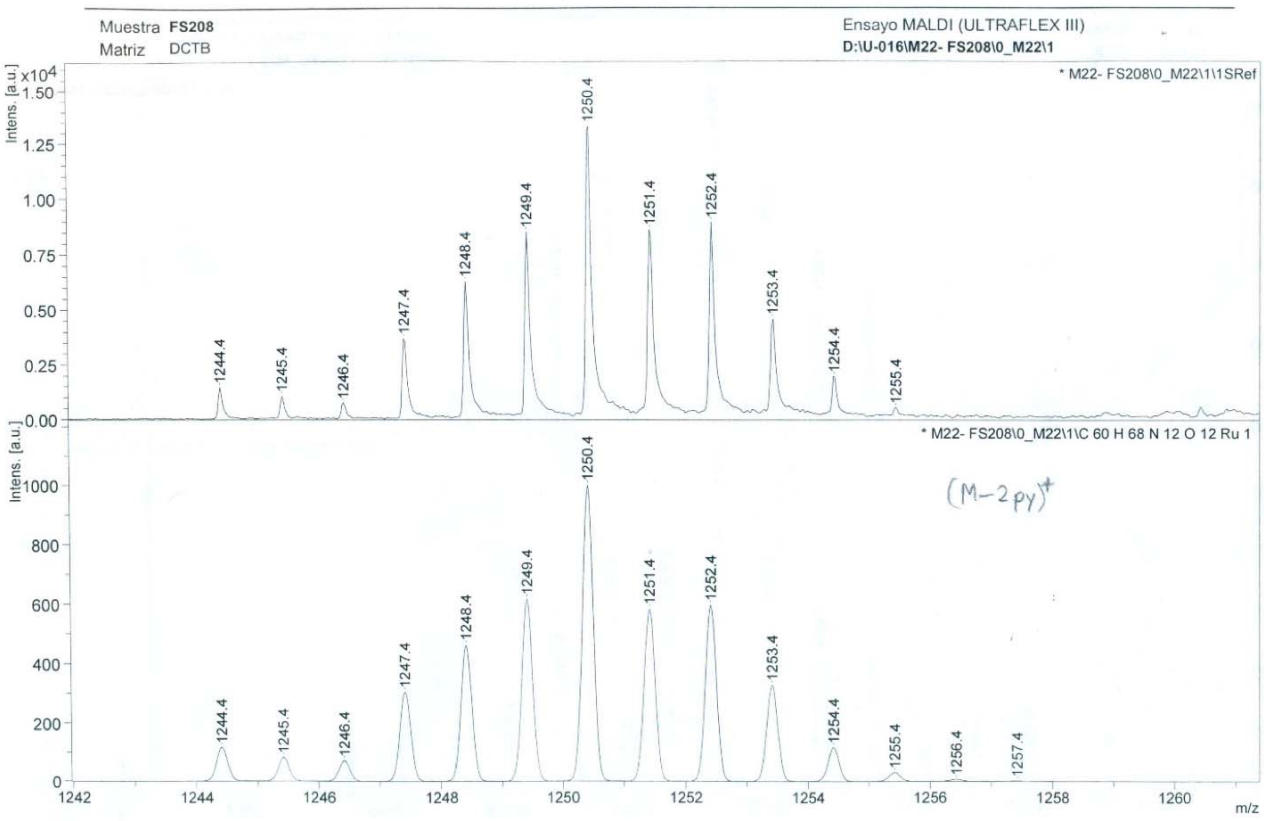

Fig. S5c. MALDI-TOF MS spectrum of **11** (Top: experimental spectrum, bottom: simulated spectrum).

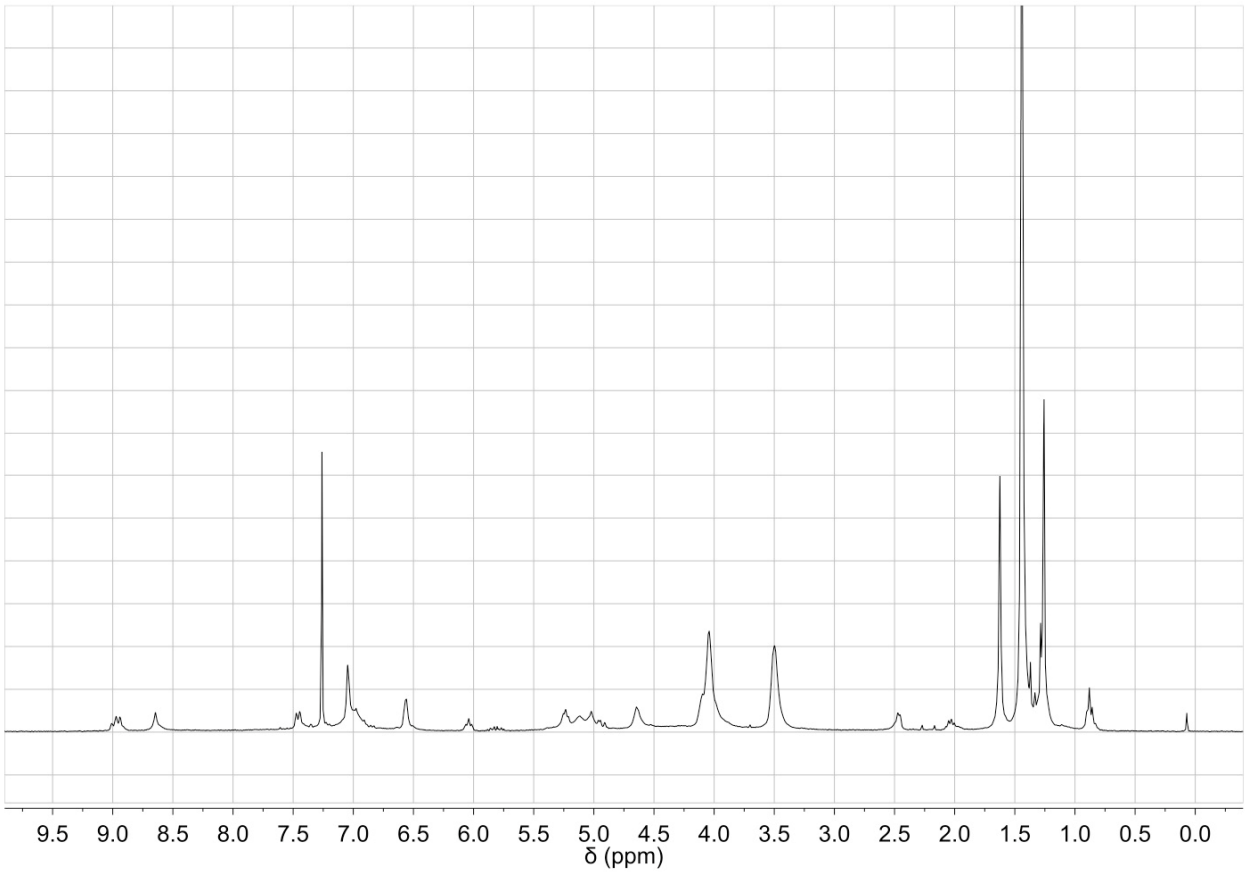

Fig. S6a. ^{1}H NMR spectrum of **12** ($CDCl_3$, 300 MHz).

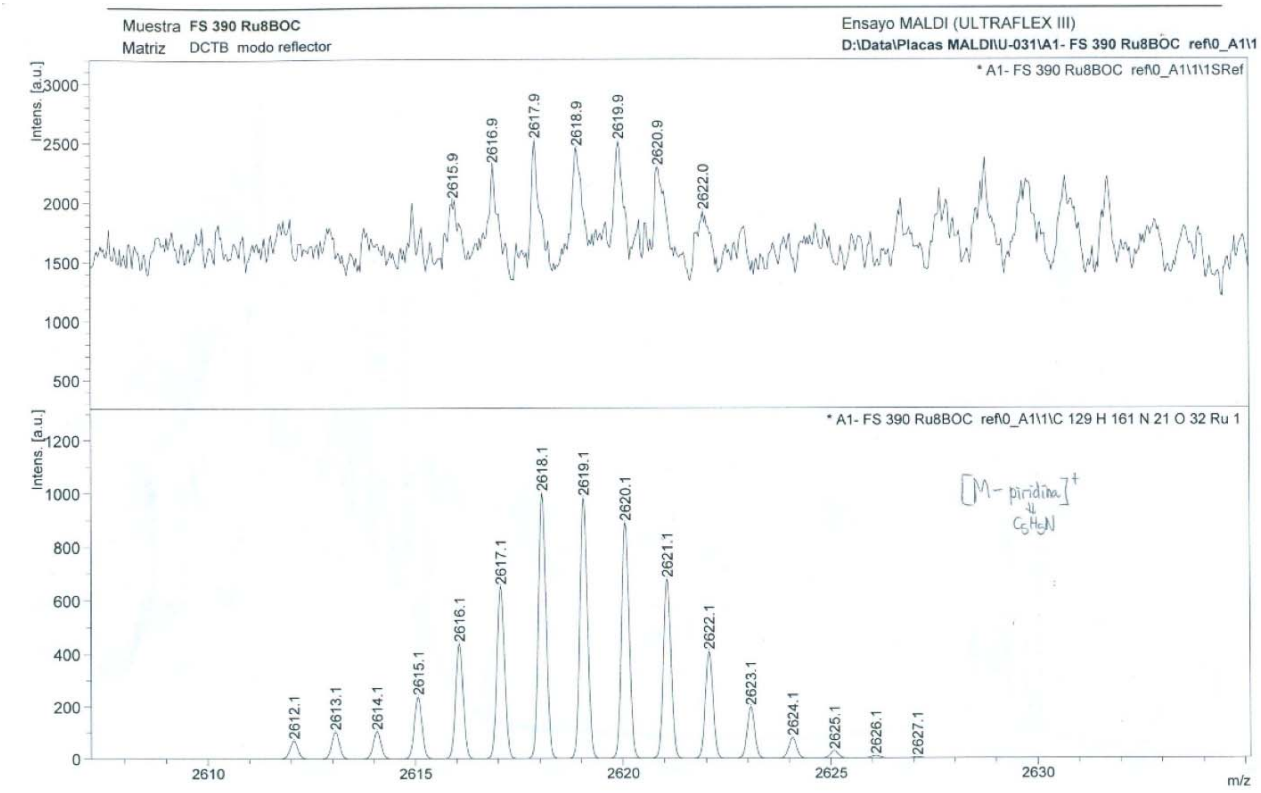

Fig. S6b. MALDI-TOF MS spectrum of **12** (Top: experimental spectrum, bottom: simulated spectrum).

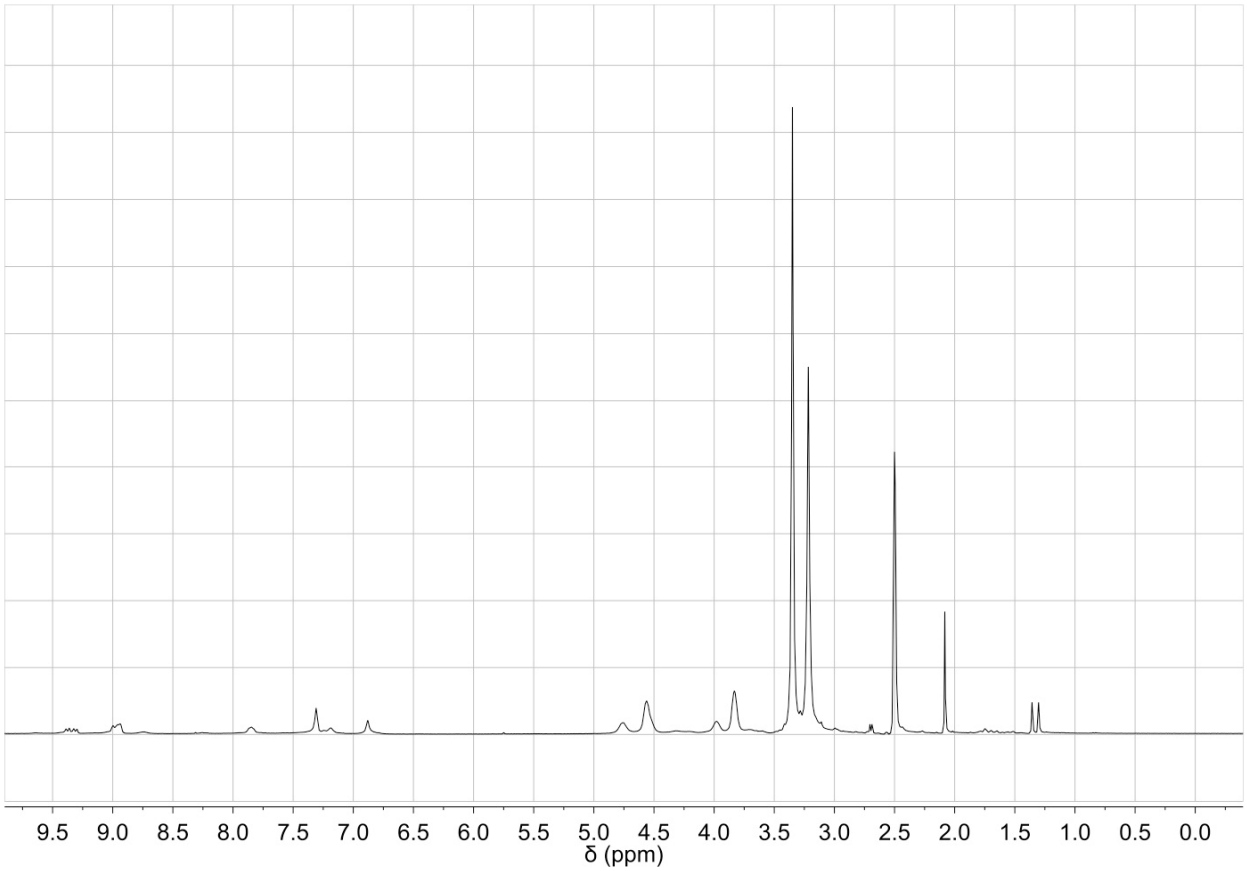

Fig. S7a. ^{1}H NMR spectrum of **ZnPc1** (DMSO-d6, 300 MHz).

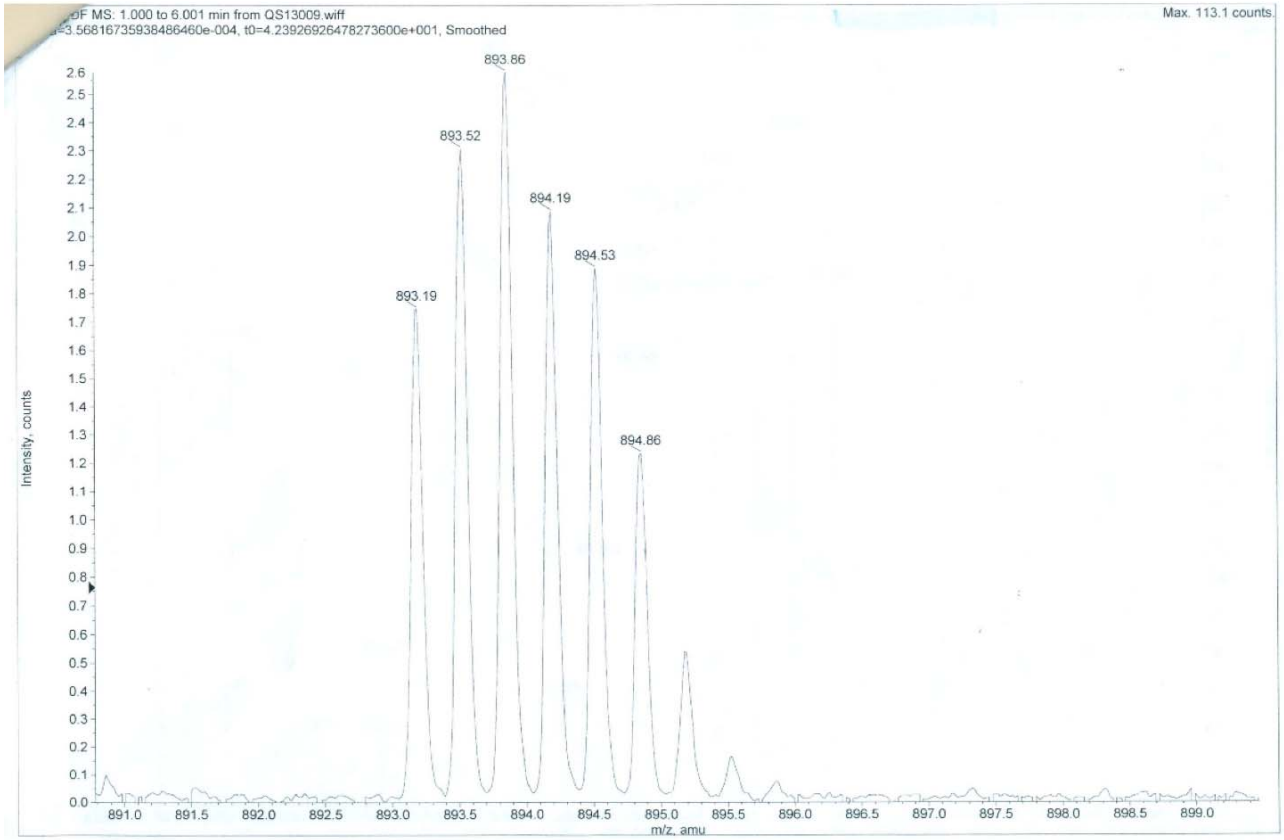

Fig. S7b. ESI-TOF MS spectrum of **ZnPc1**.

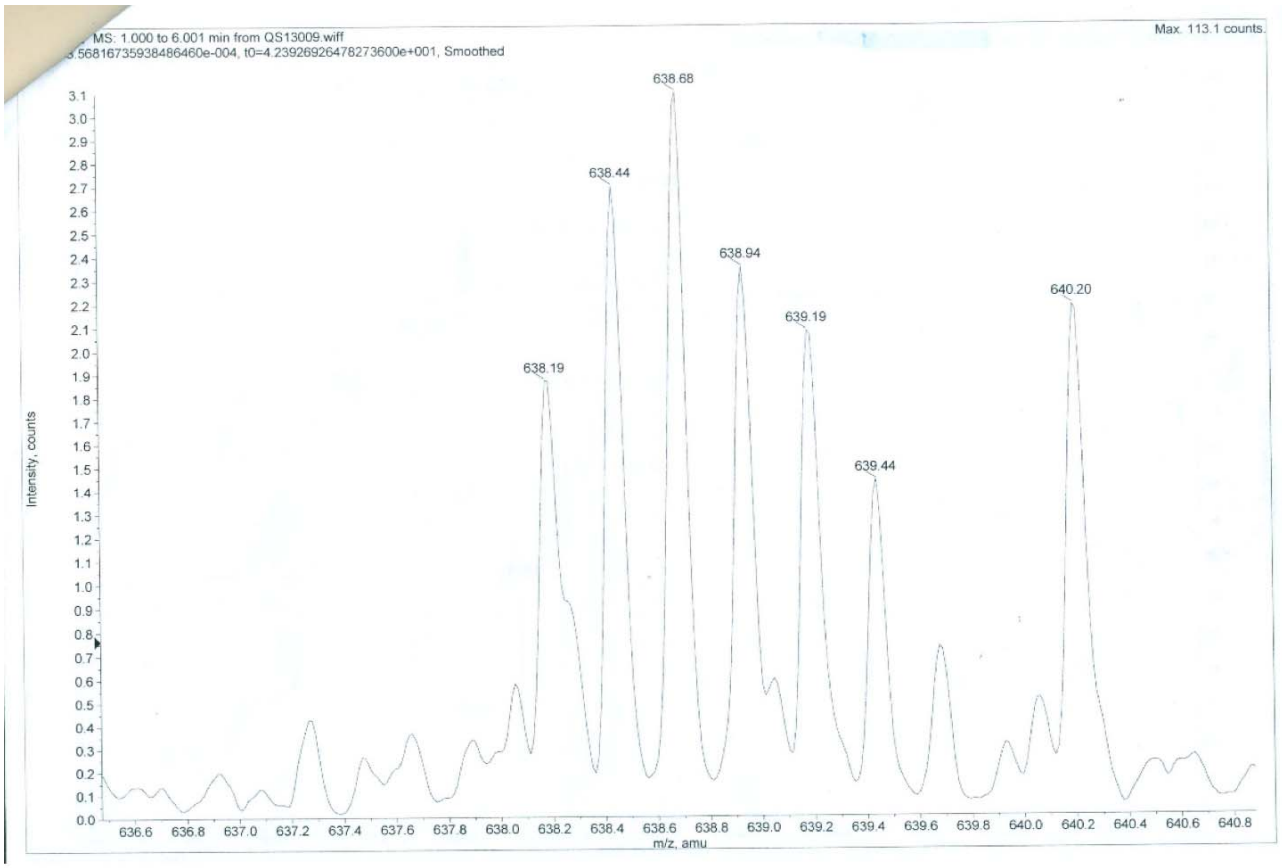

Fig. S7c. ESI -TOF MS spectrum of **ZnPc1**.

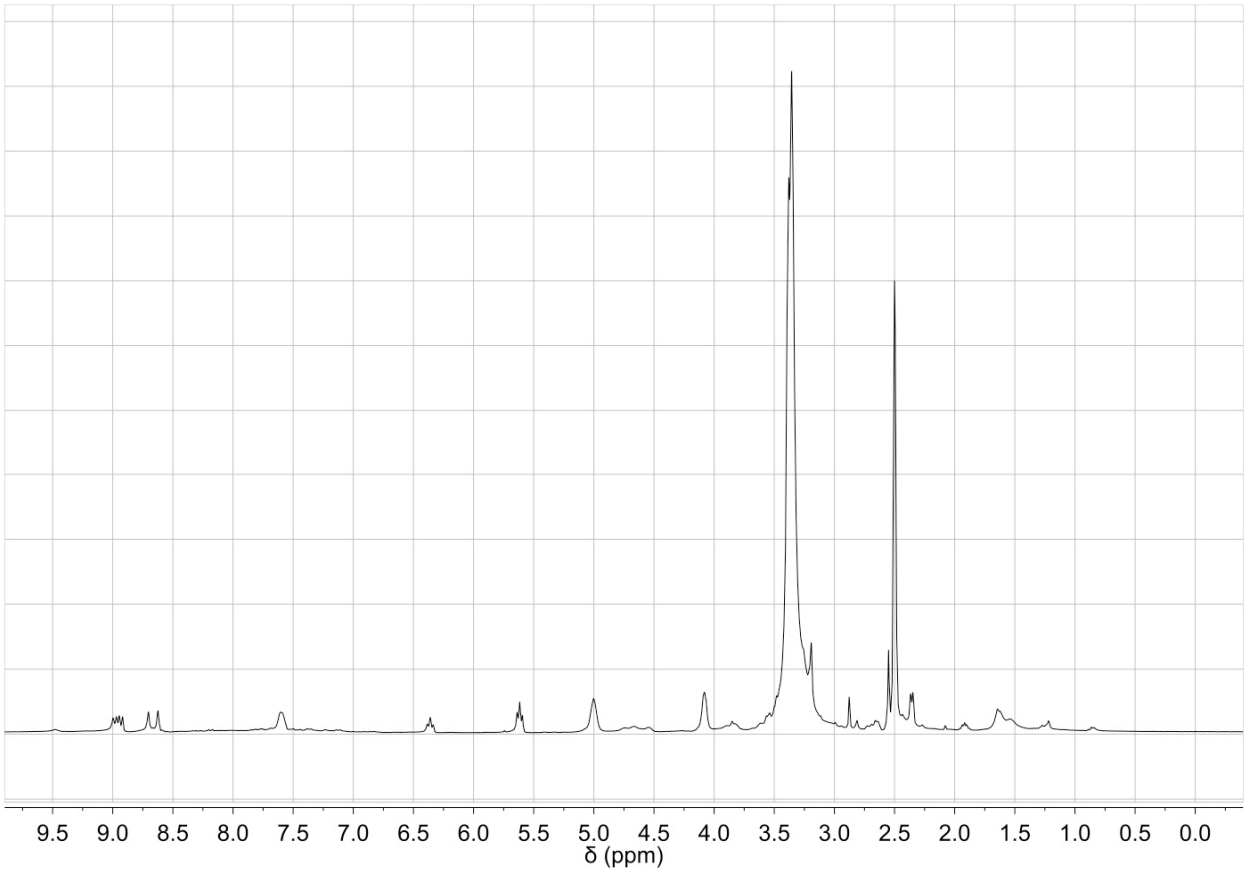

Fig. S8a. ^{1}H NMR spectrum of **RuPc** (DMSO-d6, 300 MHz).

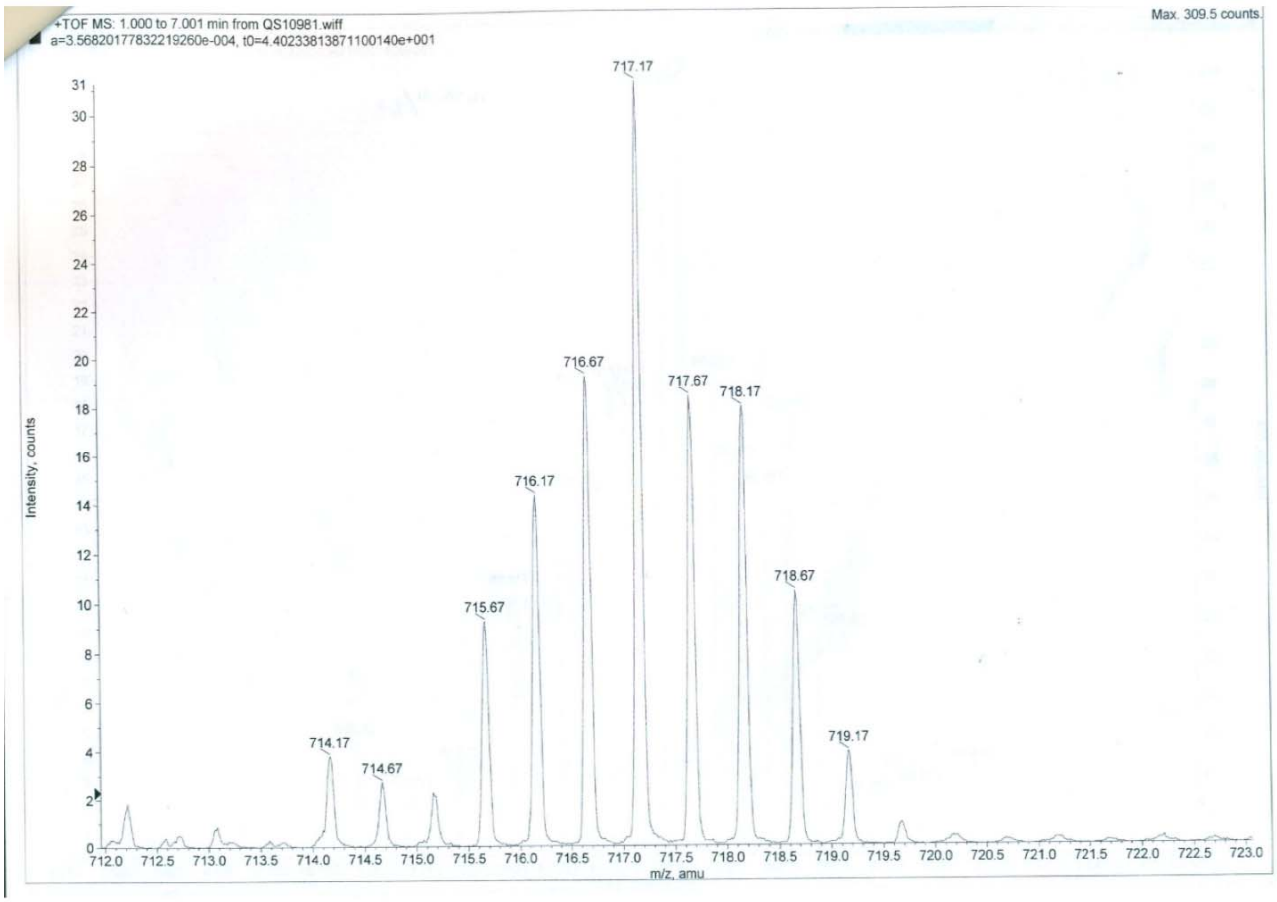

Fig. S8b. ESI -TOF MS spectrum of **RuPc**.

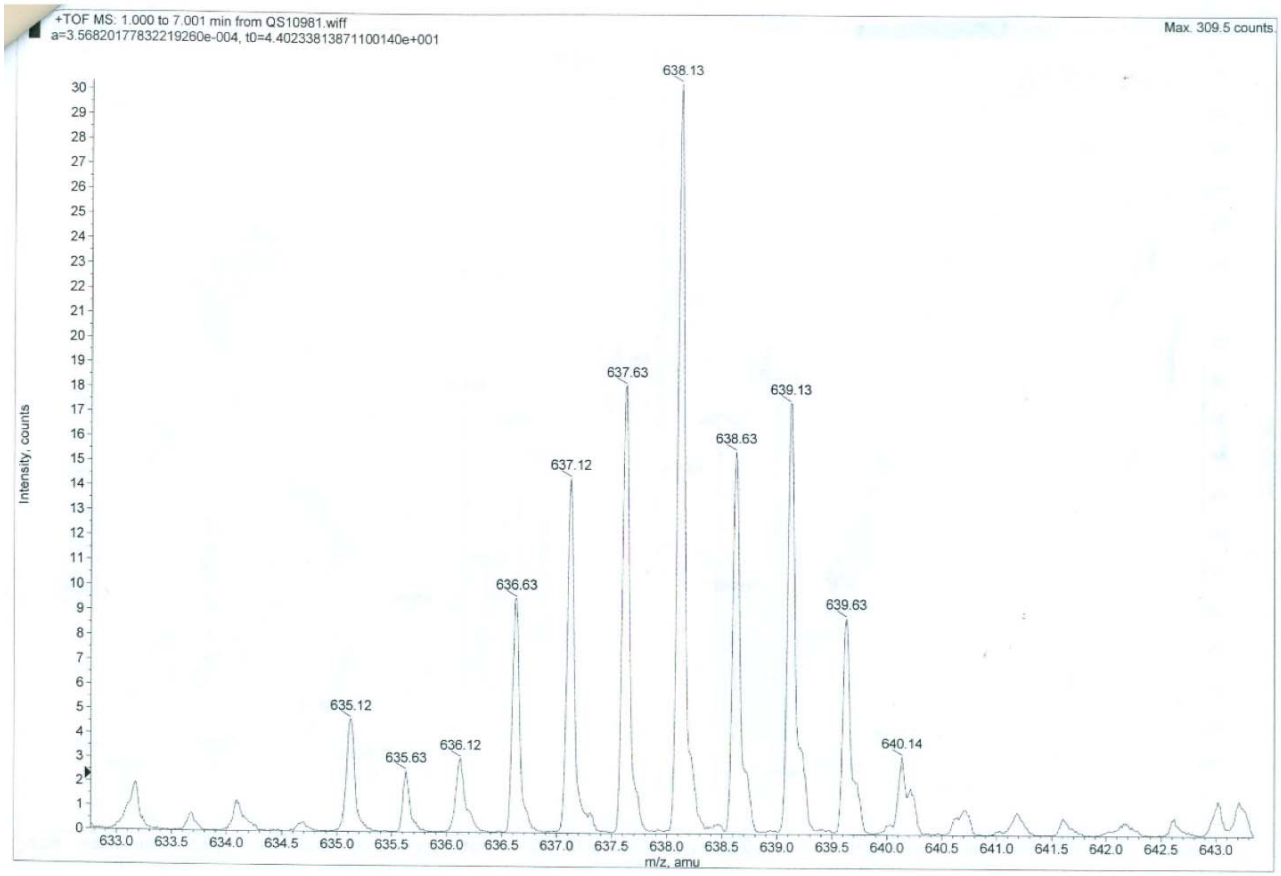

Fig. S8c. ESI -TOF MS spectrum of **RuPc**.

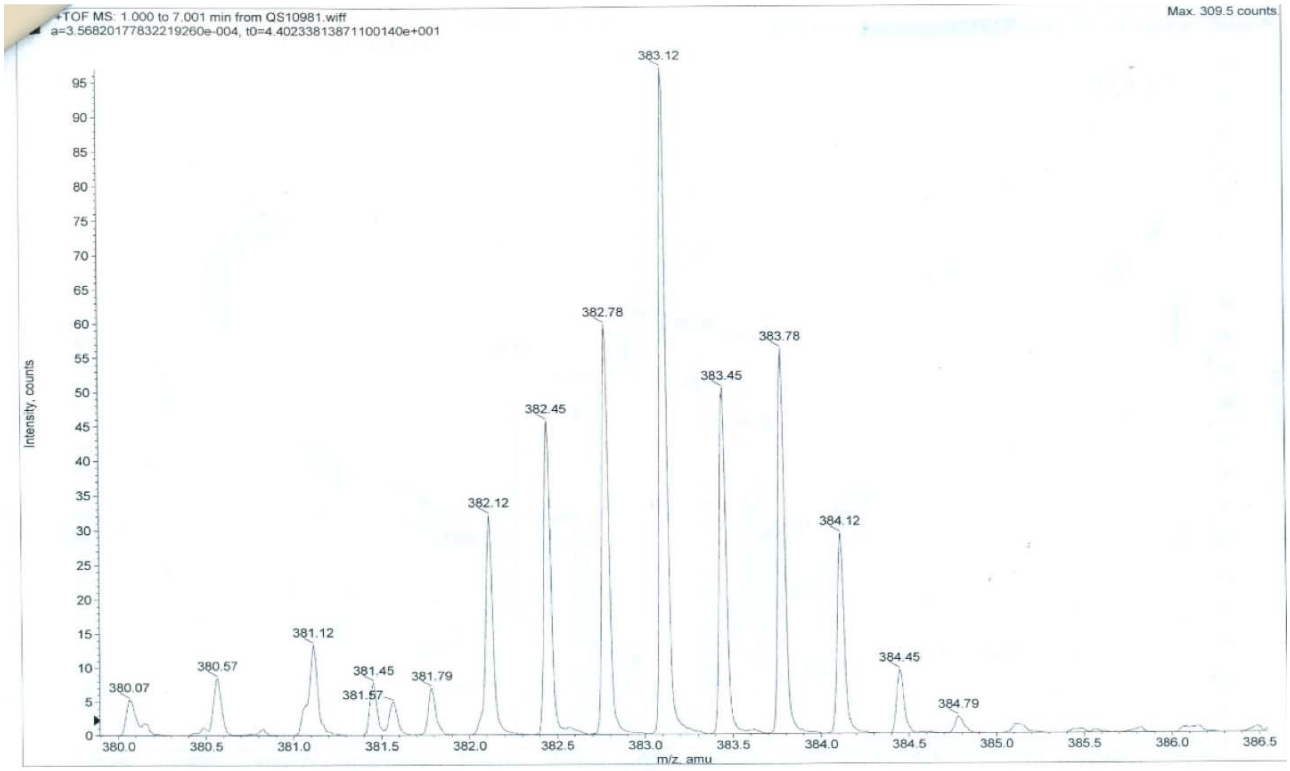

Fig. S8d. ESI -TOF MS spectrum of **RuPc**.

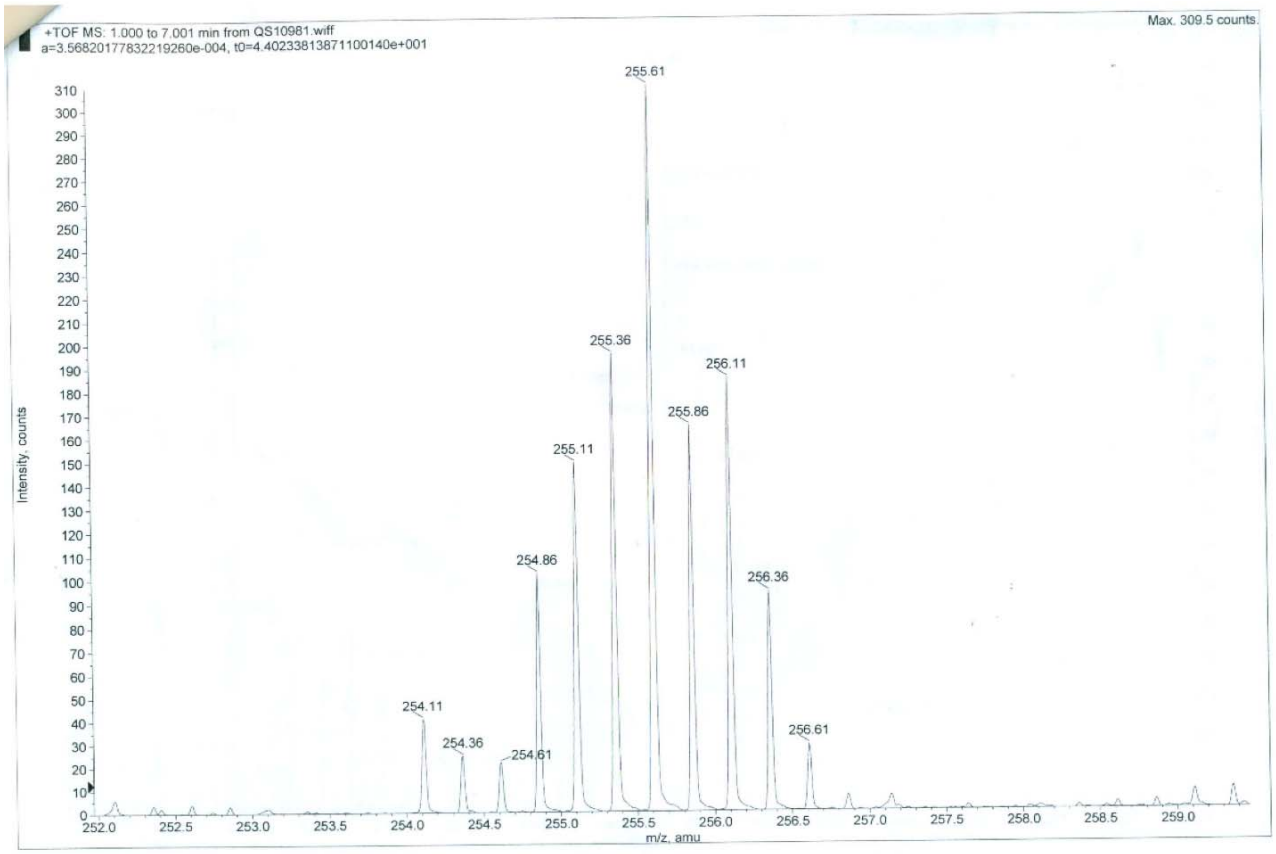

Fig. S8e. ESI -TOF MS spectrum of **RuPc**.

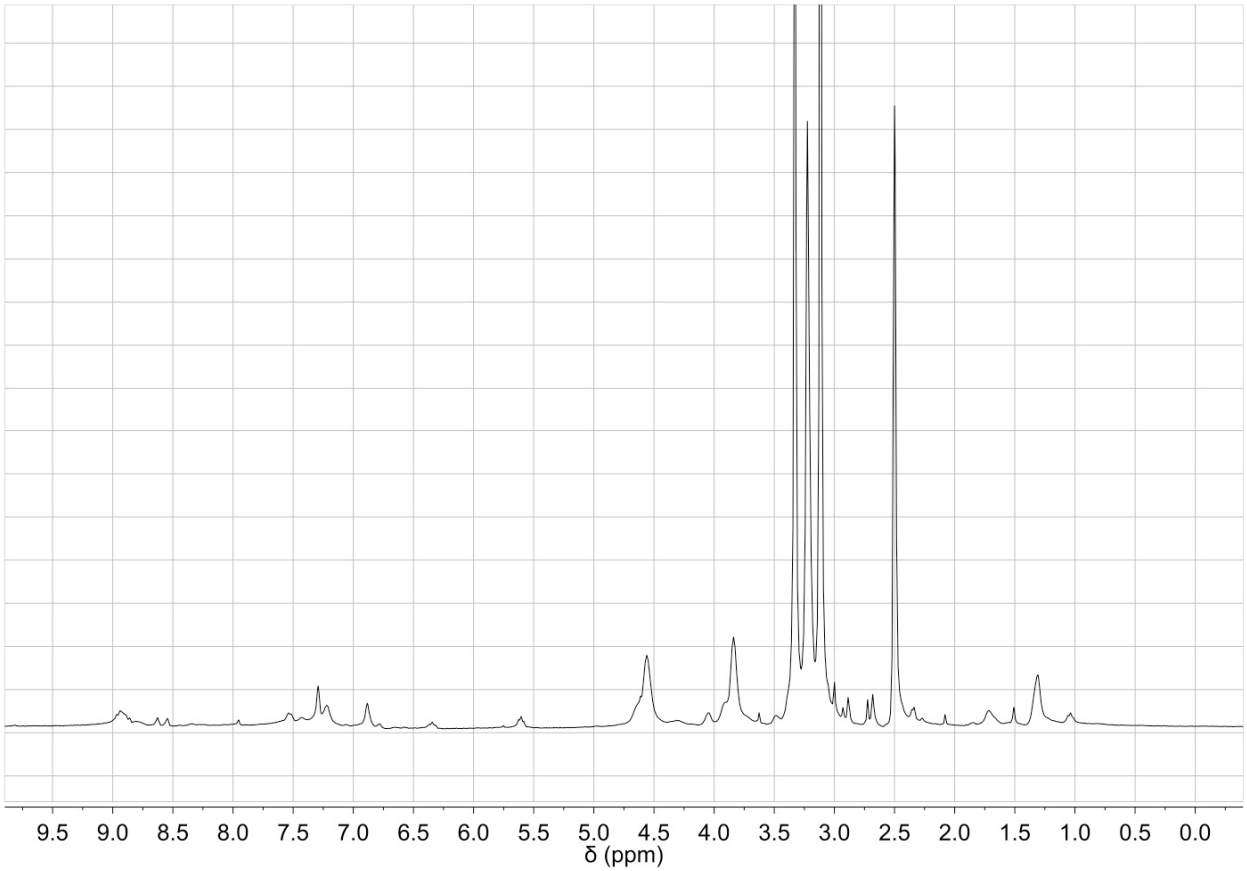

Fig. S9a. ^{1}H NMR spectrum of **RuPc1** (DMSO-d6, 300 MHz).

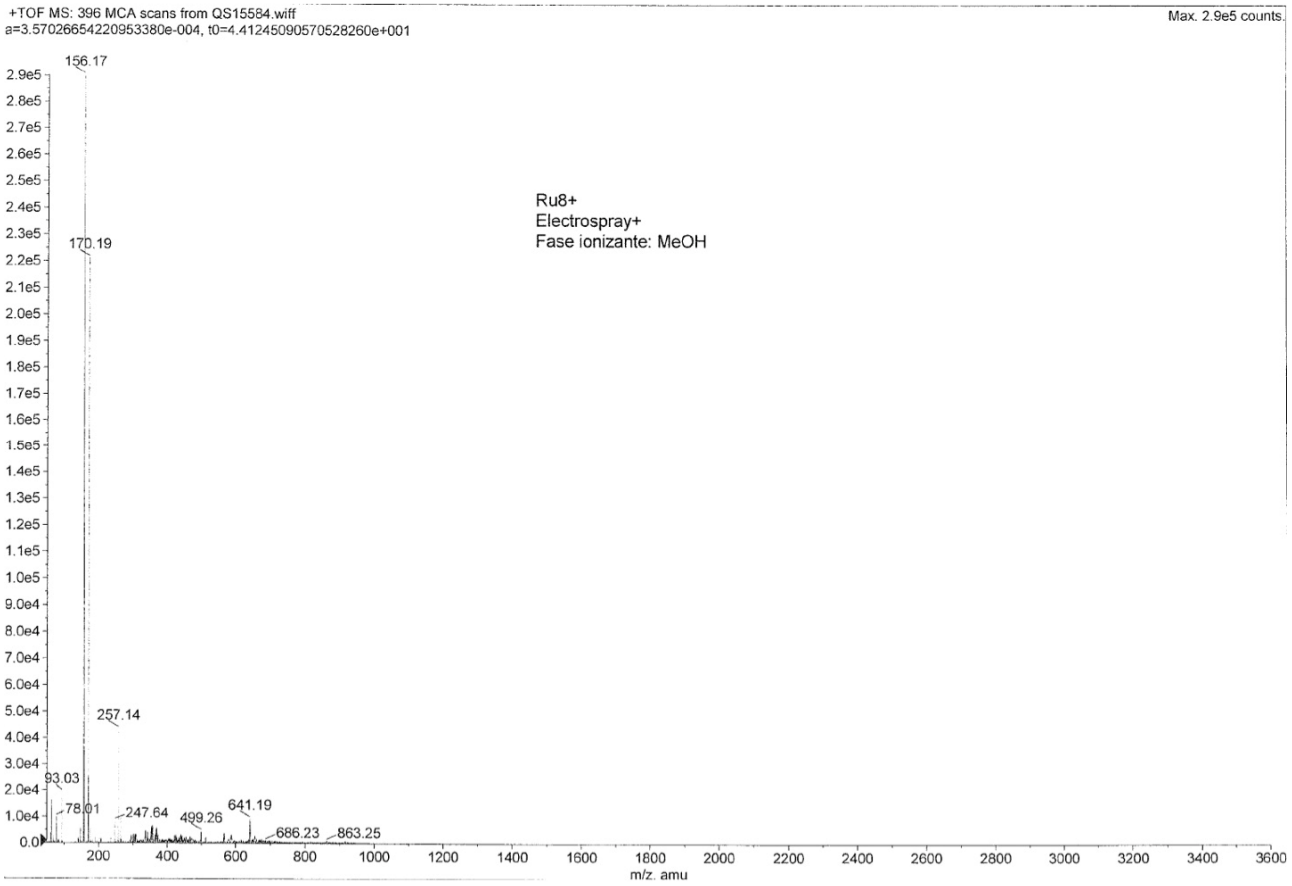

Fig. S9b. ESI -TOF MS spectrum of **RuPc1**.

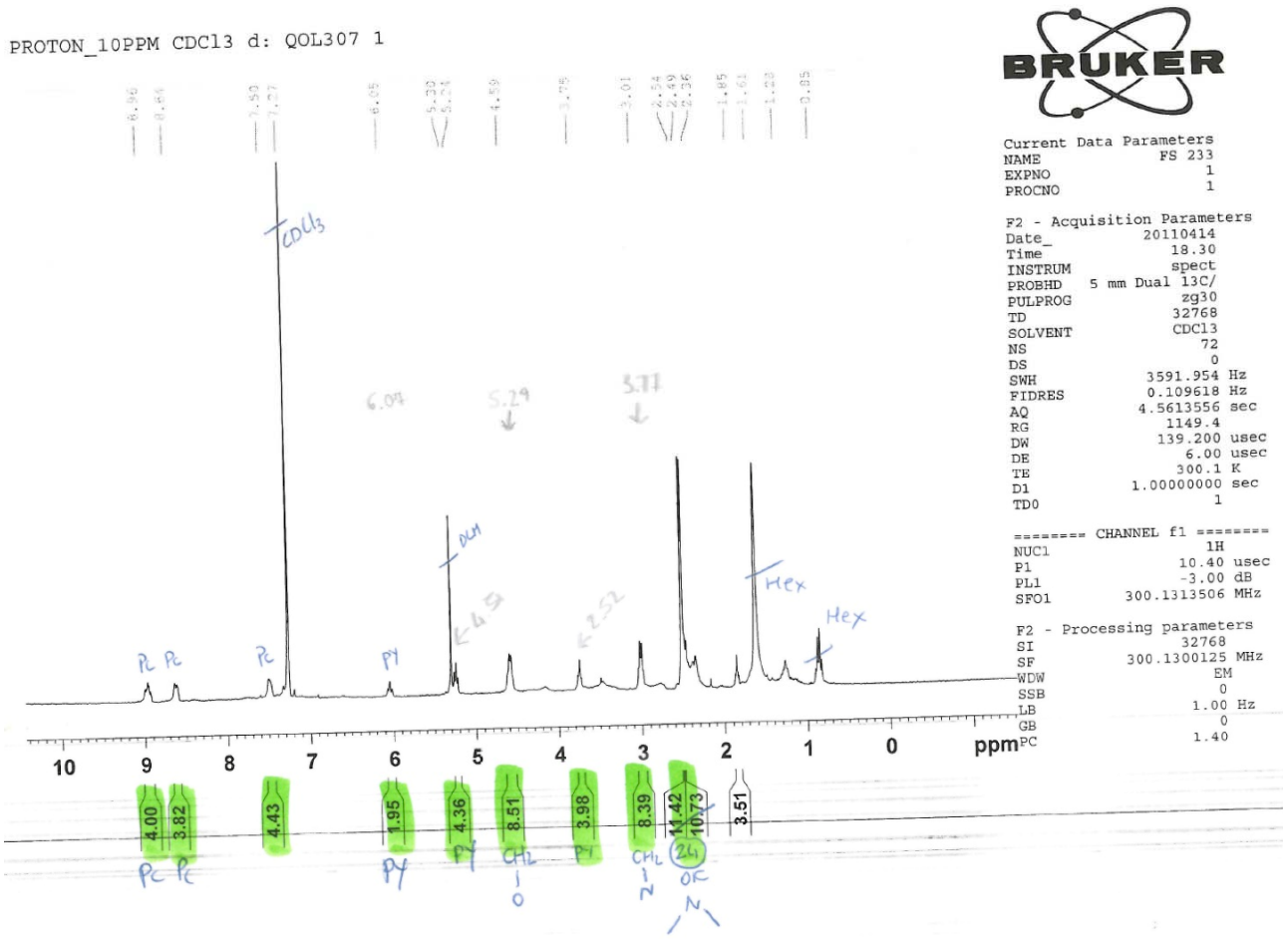

Fig. S10a. [1]H NMR spectrum of **3** (DMSO-d6, 300 MHz).

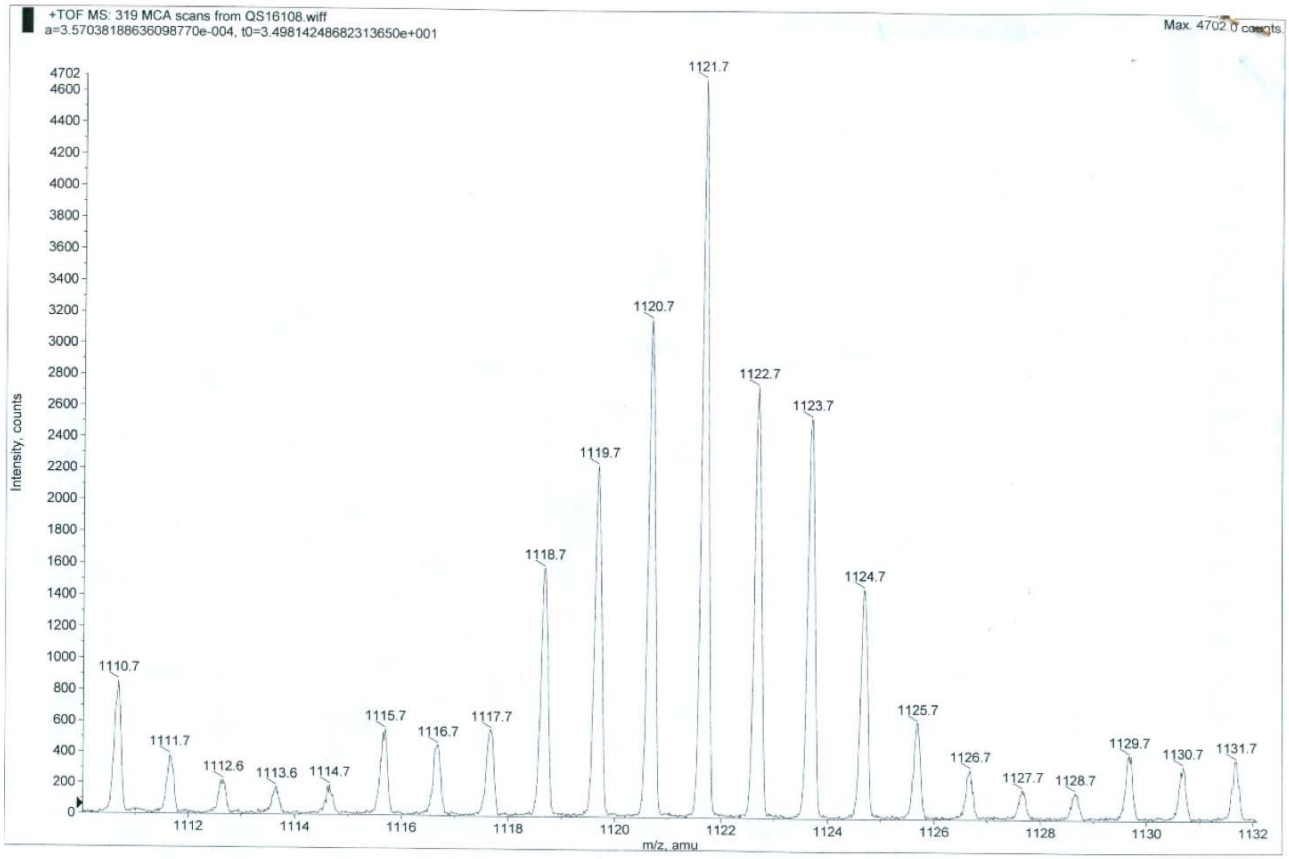

Fig. S10b. ESI-TOF MS spectrum of **3**.