

Supplementary information

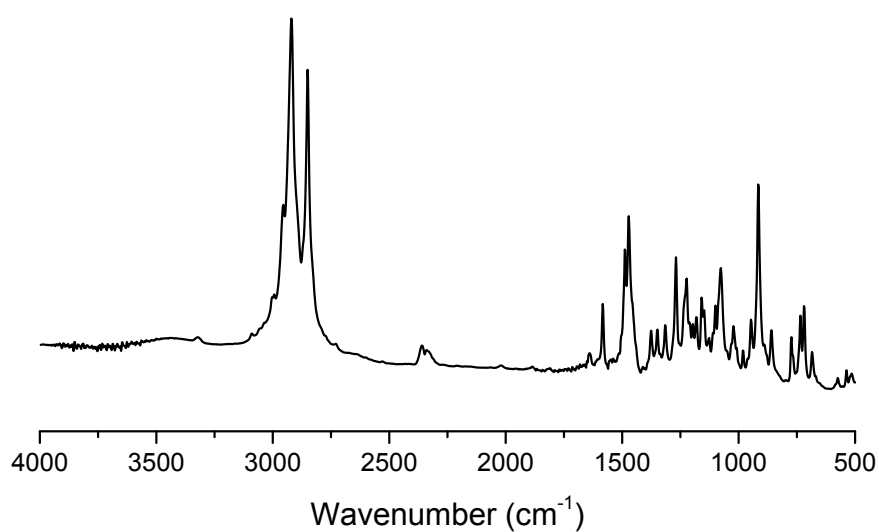


Figure S1 FT-IR spectrum of **Bz_Go**.

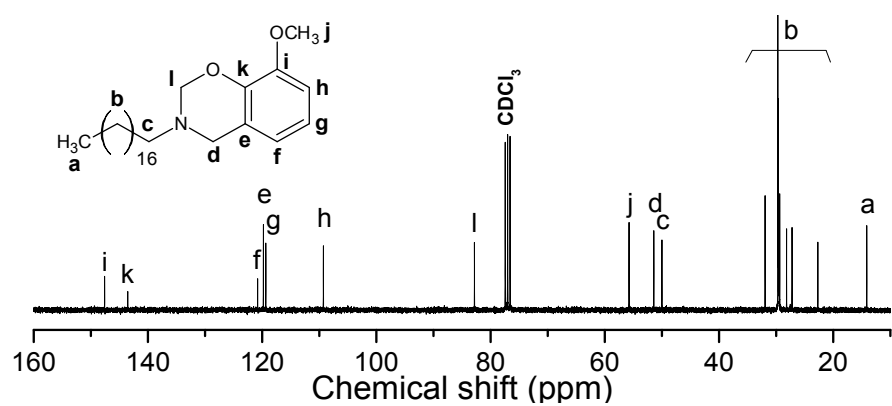
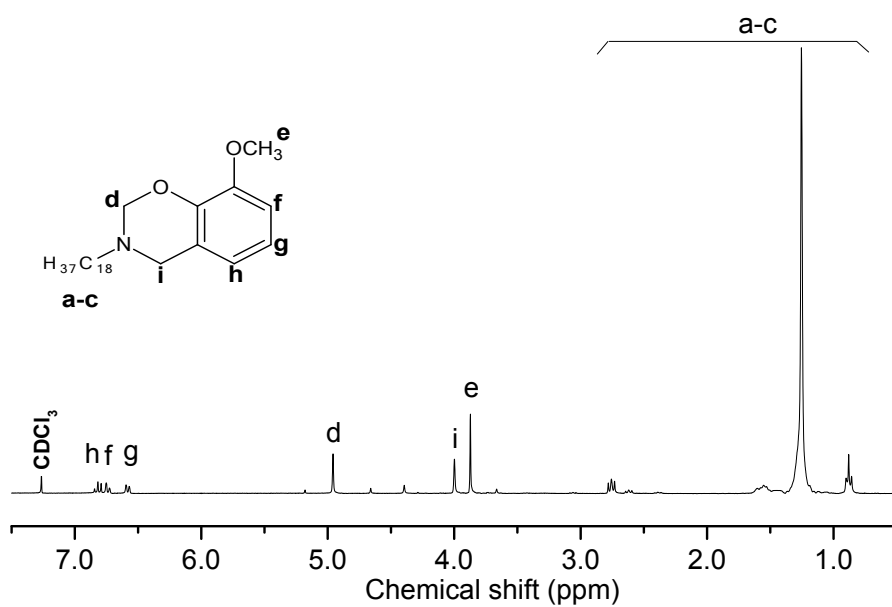


Figure S2 ¹H-NMR and ¹³C-NMR spectra of **Bz_Go**.

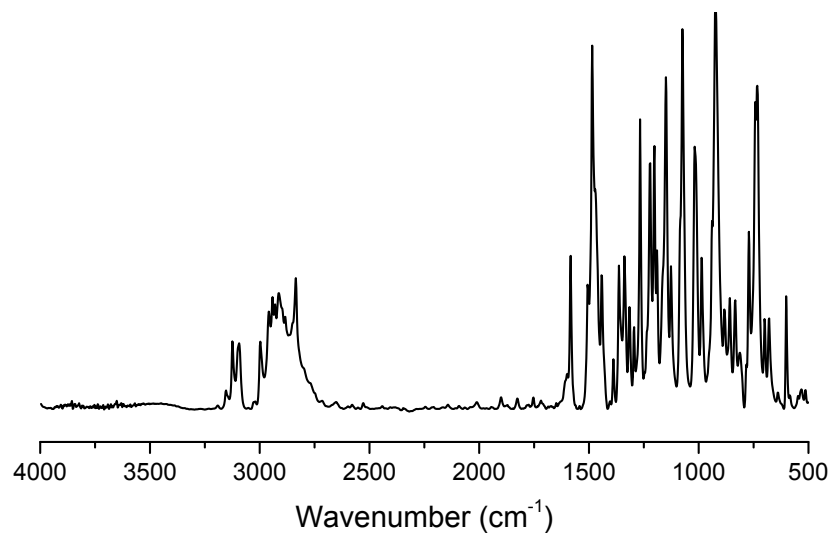


Figure S3 FT-IR spectrum of **Bz_Gf**.

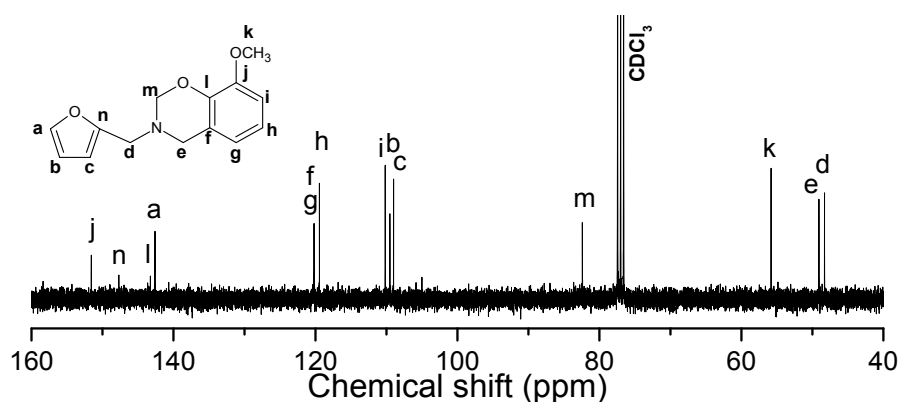
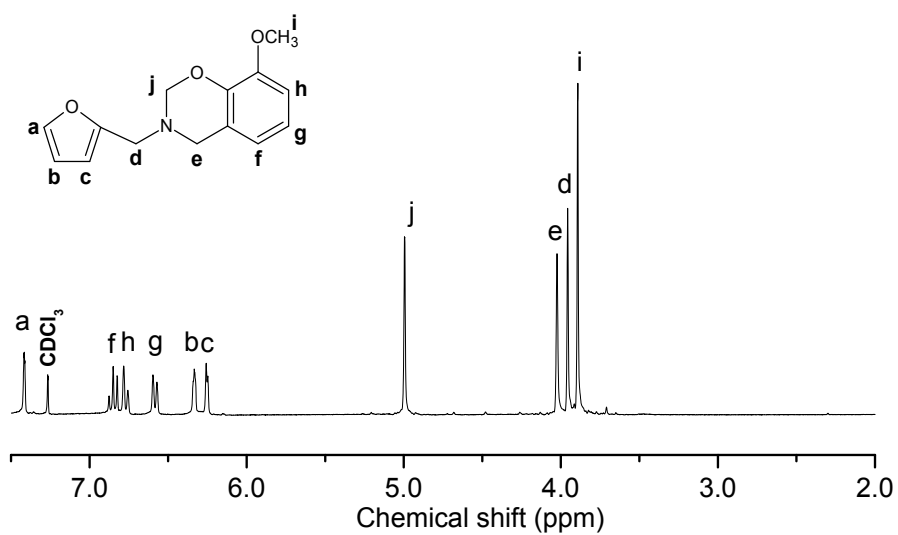
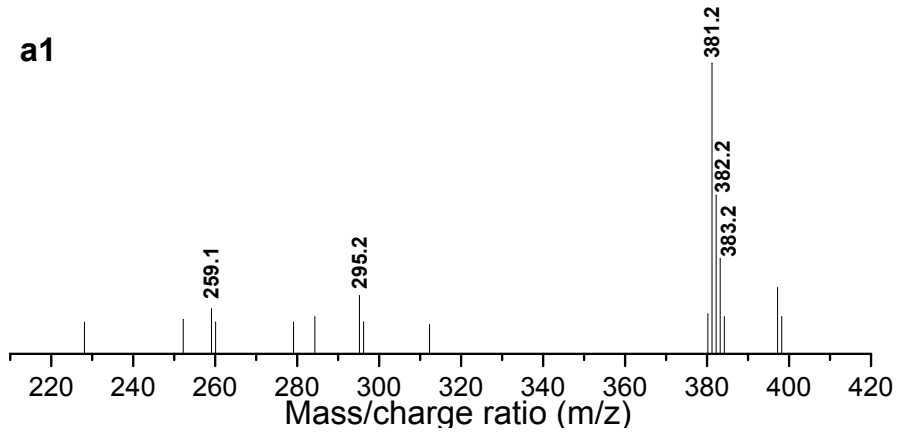
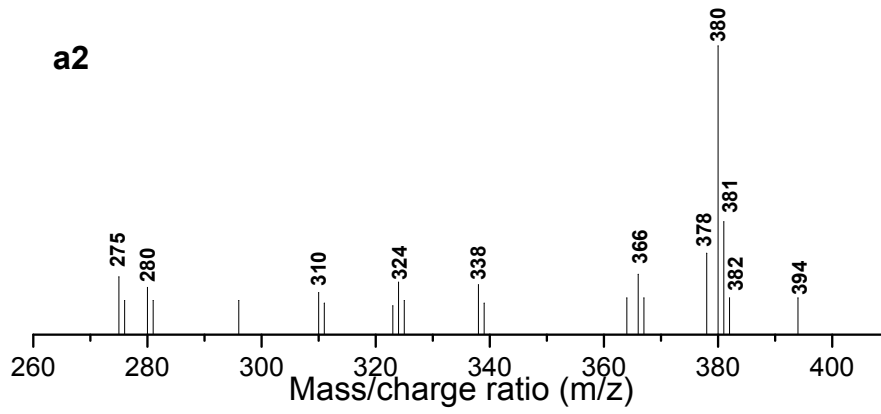


Figure S4 ^1H -NMR and ^{13}C -NMR spectra of **Bz_Gf**.

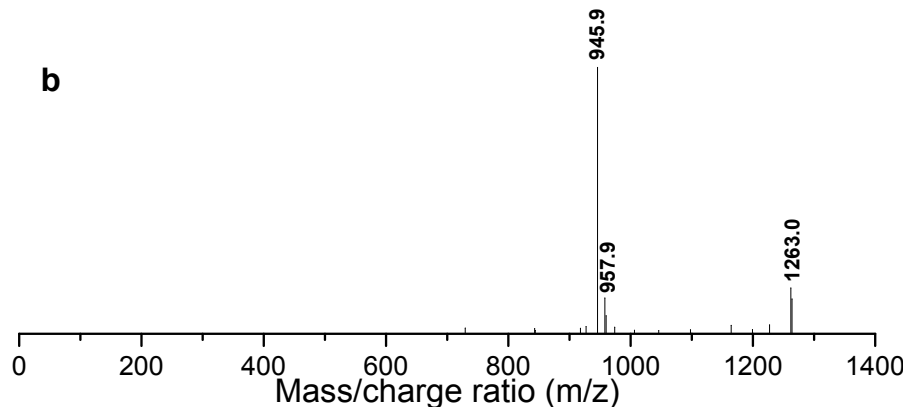
a1



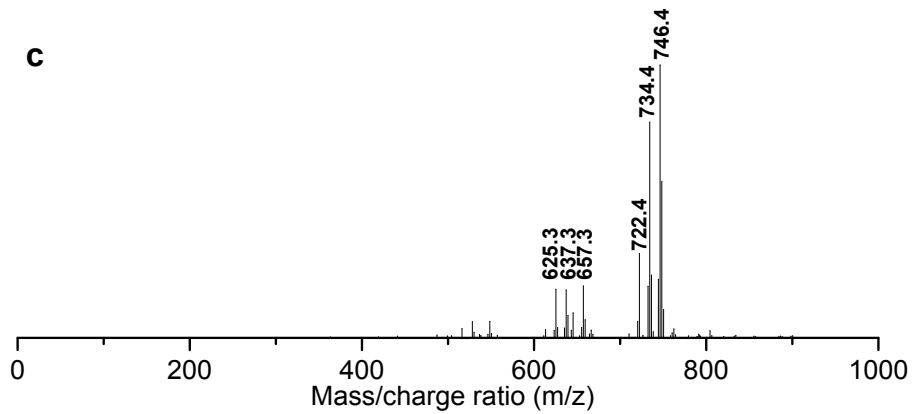
a2



b



c



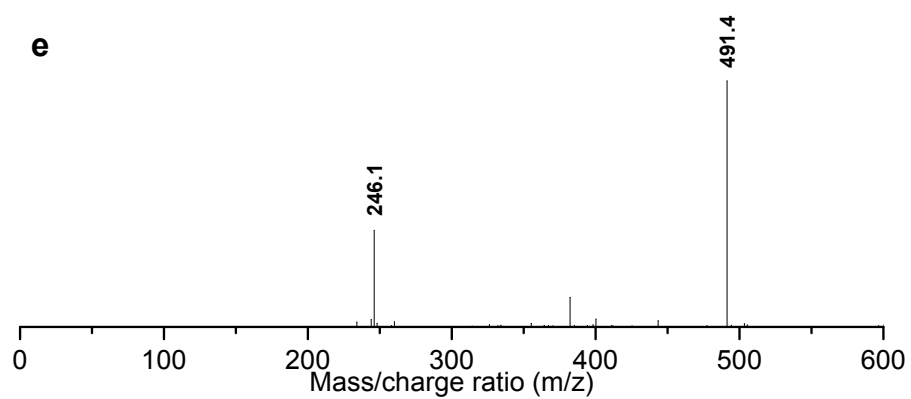
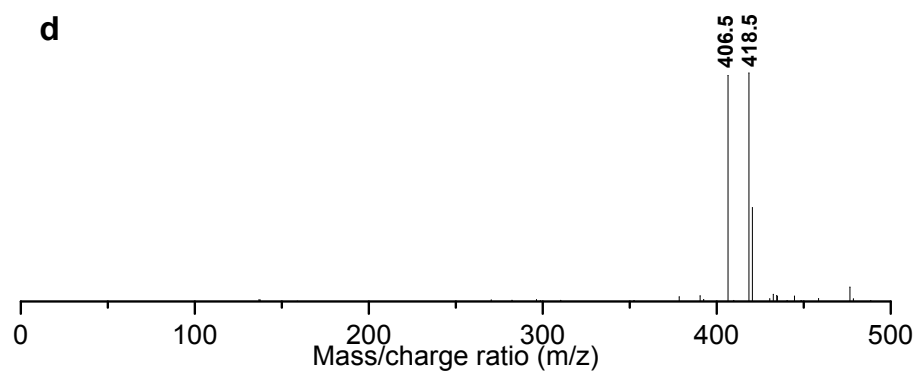


Figure S5 MALDI mass of (a1) **TP** (positive mode), (a2) **TP** (negative mode), (b) **Bz_TPo** (positive mode), (c) **Bz_TPf** (positive mode), (d) **Bz_Go** (positive mode) and (e) **Bz_Gf** (positive mode).