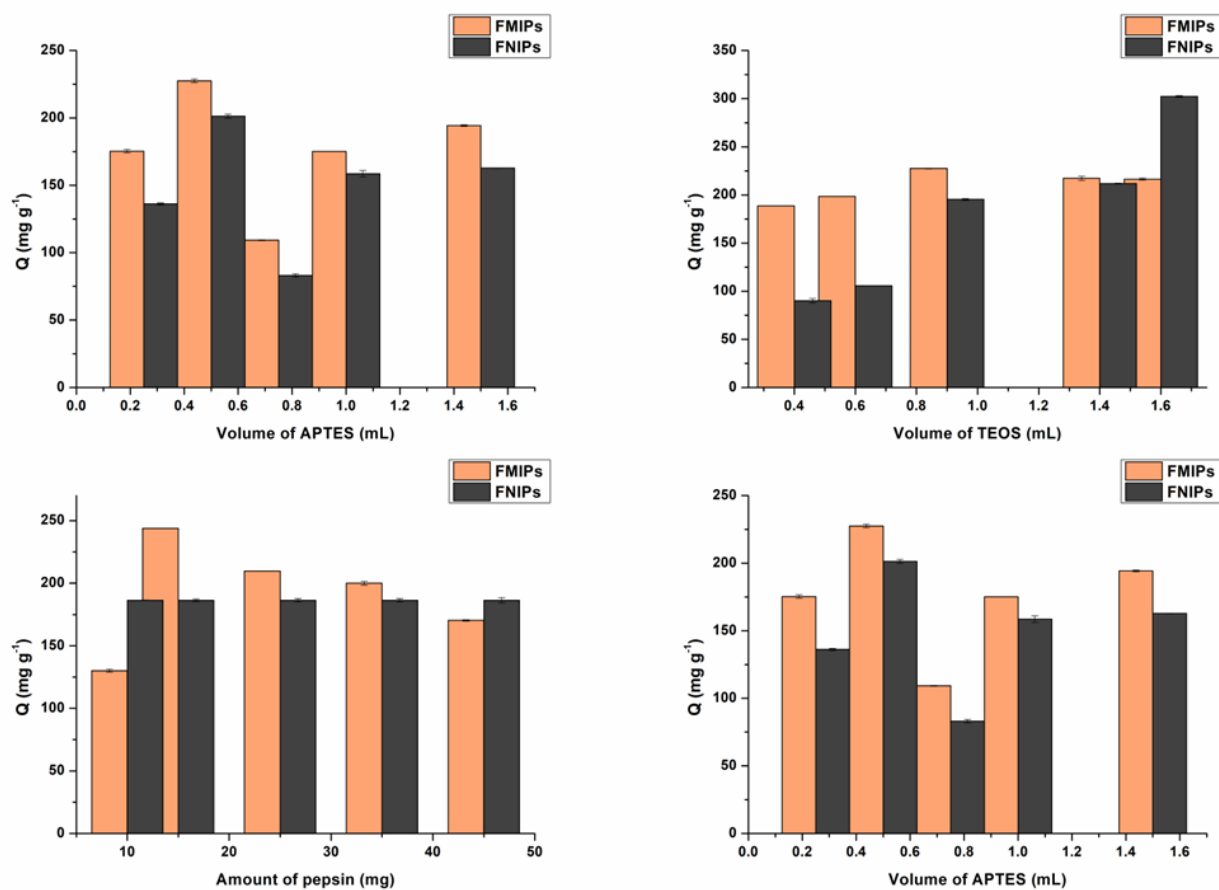


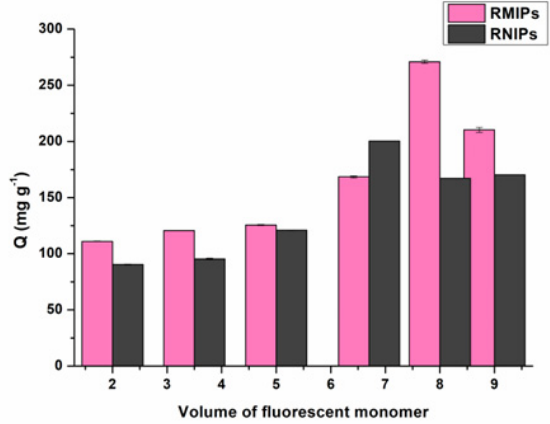
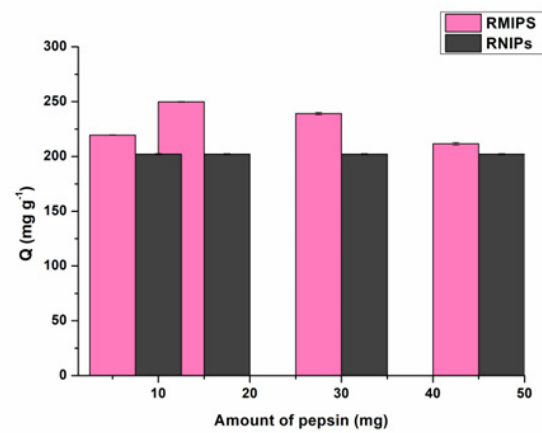
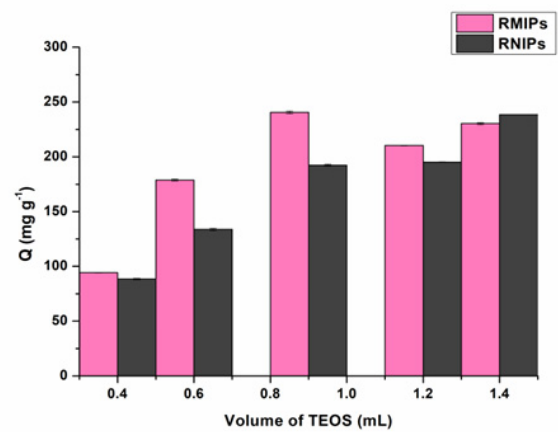
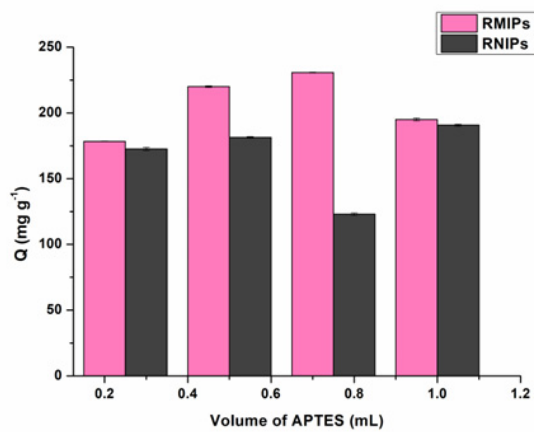
## Electronic Supplementary Material



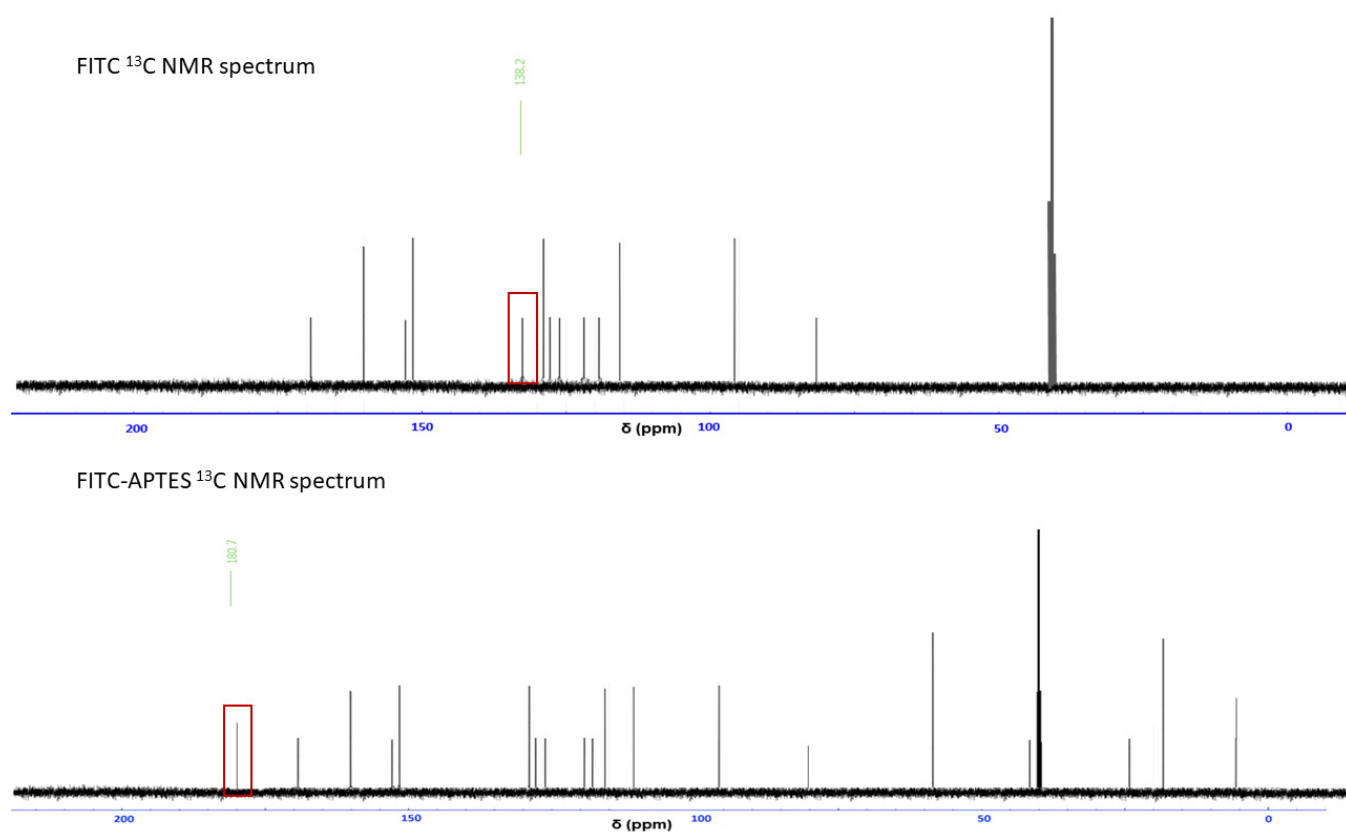
**Figure S1.** Pictures of the developed FMIPs, FNIPs, RMIPs, and RNIPs on the bench and under long wave UV light.



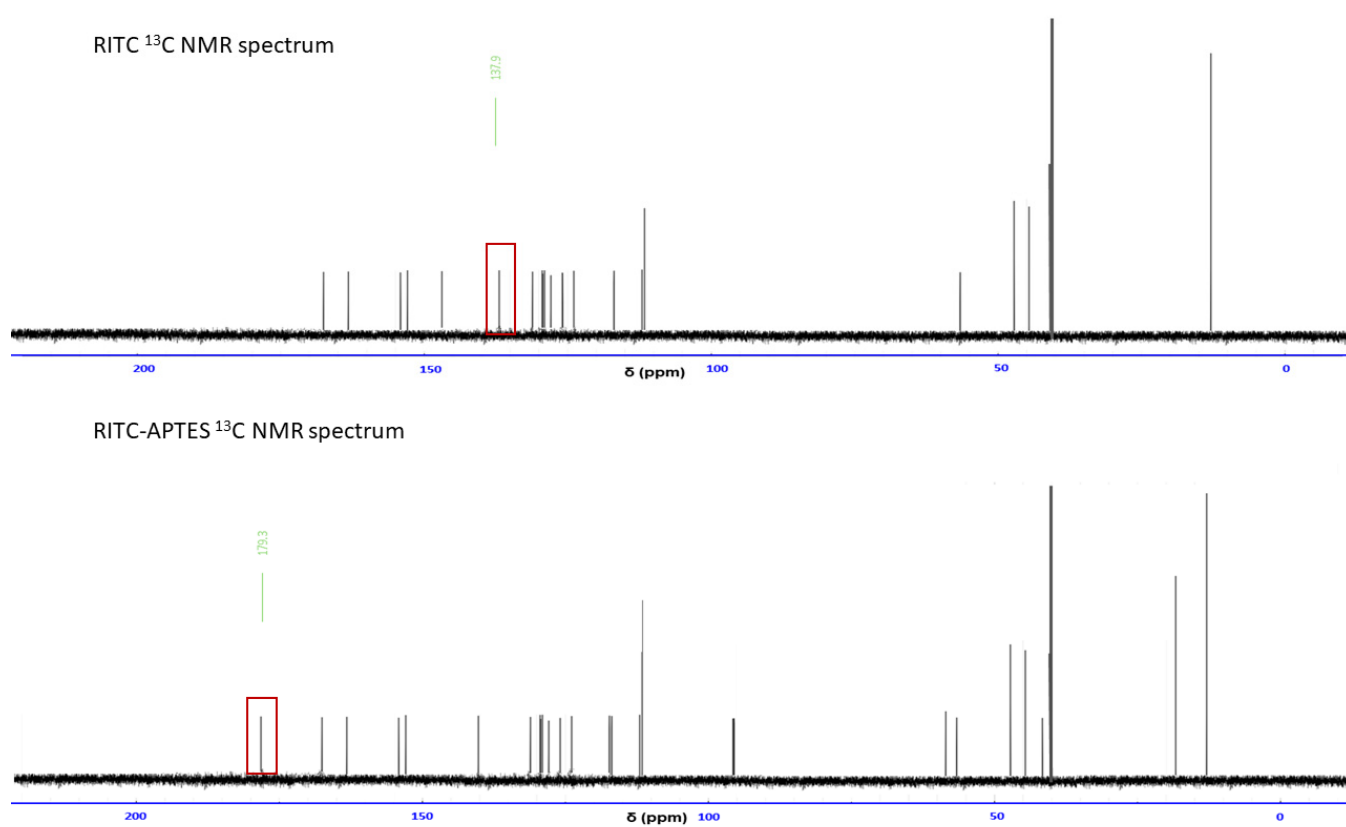
**Figure S2.** Results of different optimisation experiments for FMIPs and their corresponding FNIPs.



**Figure S3.** Results of different optimisation experiments for RMIPs and their corresponding RNIPs.



**Figure S4.**  $^{13}\text{C}$  NMR spectra of FITC and FITC-APTES



**Figure S5.**  $^{13}\text{C}$  NMR spectra of RITC and RITC-APTES