Electronic Supplementary Material (ESI) for New Journal of Chemistry.


Supporting Information for

# Synthesis of a novel triphenylamine based multifunctional fluorescent probe for continuous recognition appliation

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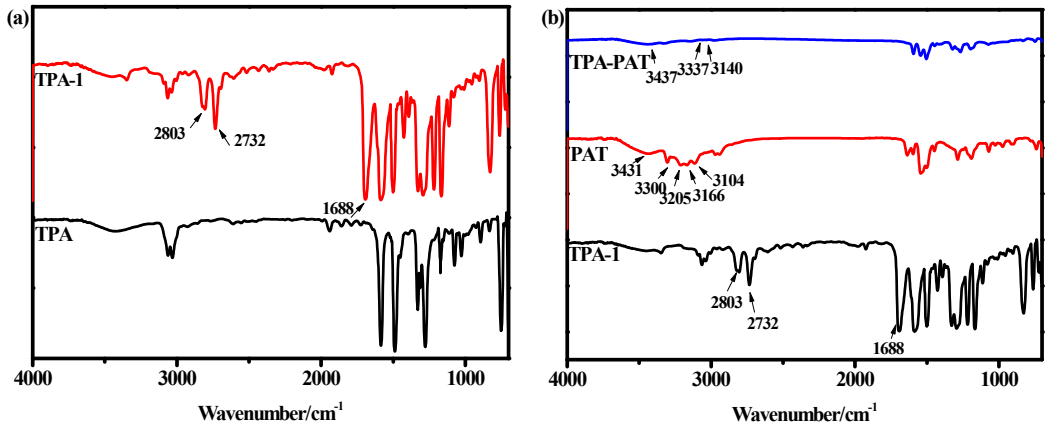
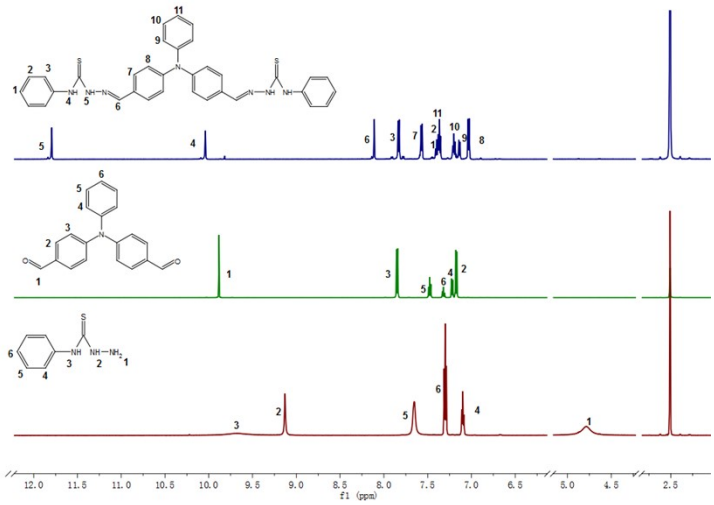
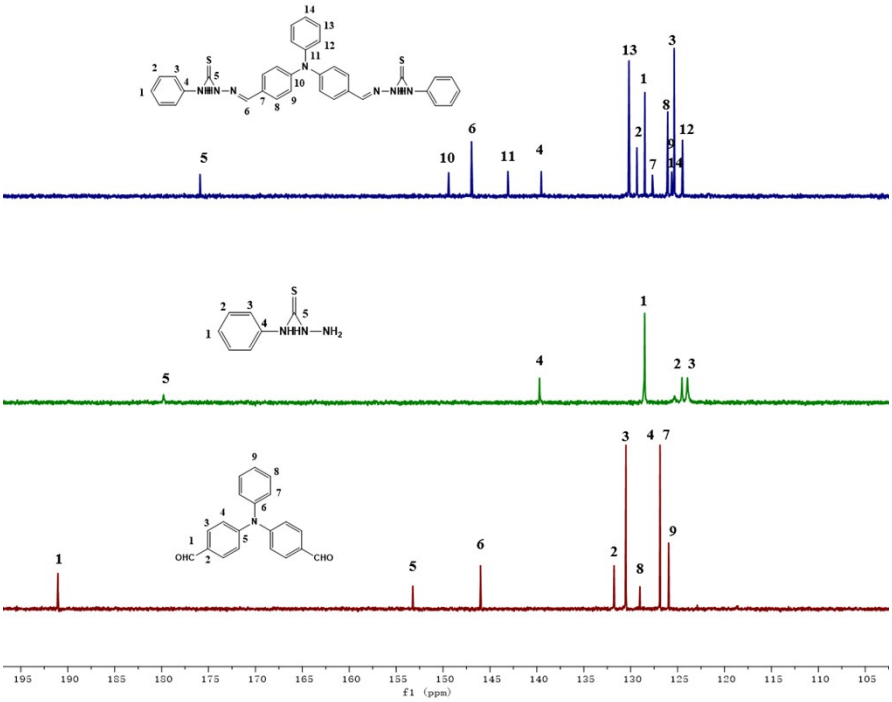
## Contents of this file



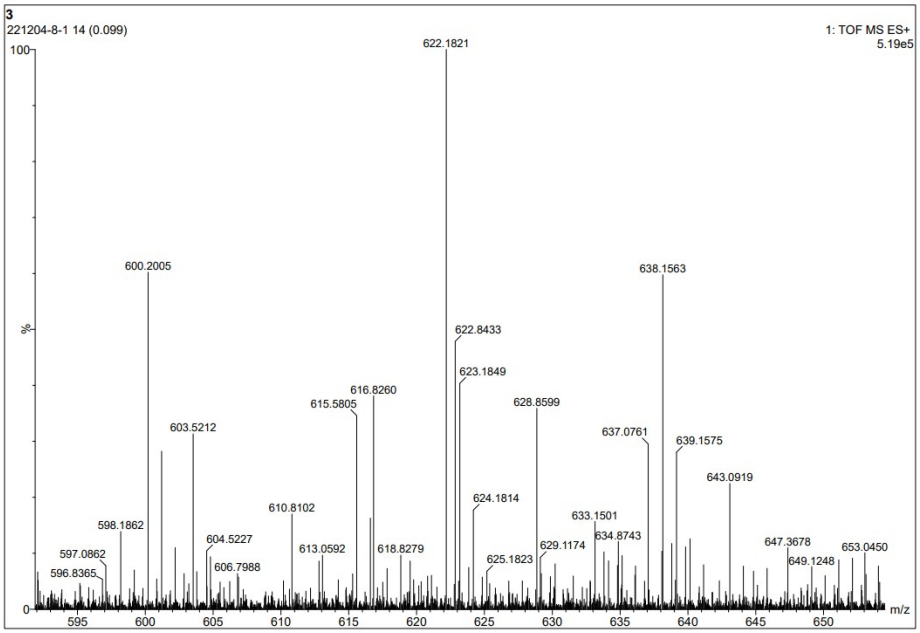

**S1 Infrared contrast of (a)TPA and TPA-1; (b)TPA-1, PAT and TPA-PAT**



**S2 $^{1}$H NMR comparison of PAT, TPA-1 and TPA-PAT**



**S3 $^{13}$C NMR comparison of PAT, TPA-1 and TPA-PAT**




**S4 High-resolution mass spectrometry of TPA-PAT**