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

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## **New Journal of Chemistry**

Supporting information for:

## A novel dual-functional fluorescent chemosensor for selective detection of 2,4,6-trinitrotoluene and Hg<sup>2+</sup>

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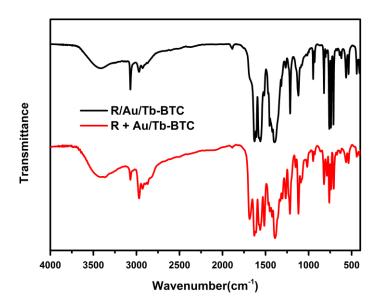
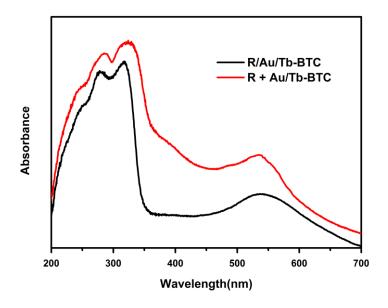


Figure S1 FT-IR spectra of R + Au/Tb-BTC and R/Au/Tb-BTC.



**Figure S2** UV-vis spectra of R + Au/Tb-BTC and R/Au/Tb-BTC.