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A mesoporous silica-based molecularly imprinted polymers recognition and Mn:ZnS QDs@rhodamine B ratiometric fluorescence sensing strategy for analysis 4-nitrophenol

Jiao Luo, a,1 Hongyan Tan, a,1 Bin Yang, a Donghua Chen, *a Junjie
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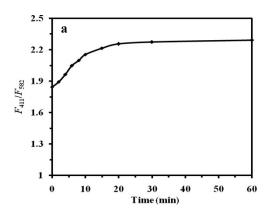
^a Key Laboratory of Environmentally Friendly Chemistry and Applications of Ministry of Education,

College of Chemistry, Xiangtan University, Xiangtan 411105, Hunan, China

¹ Author Contributions: these authors contributed equally

* Corresponding author: Tel: (+86)0731-58292253; Fax: (+86)0731-58292253;

Email: donghuachen@xtu.edu.cn; fei junjie@xtu.edu.cn



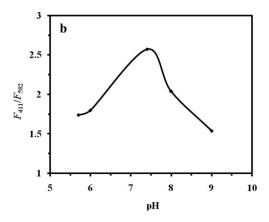


Fig. S1. Optimization of conditions for the detection of 4-NP with MIPs-coated Mn:ZnS QDs and RB co-doped MSN. The fluorescence intensity ratio between 411 nm and 582 nm at different time (a) and pH (b) after the addition of 4-NP.