

Electronic Supplementary Material

Graphene quantum dots as novel and green nano-materials for the visible-light-driven photocatalytic degradation of cationic dye

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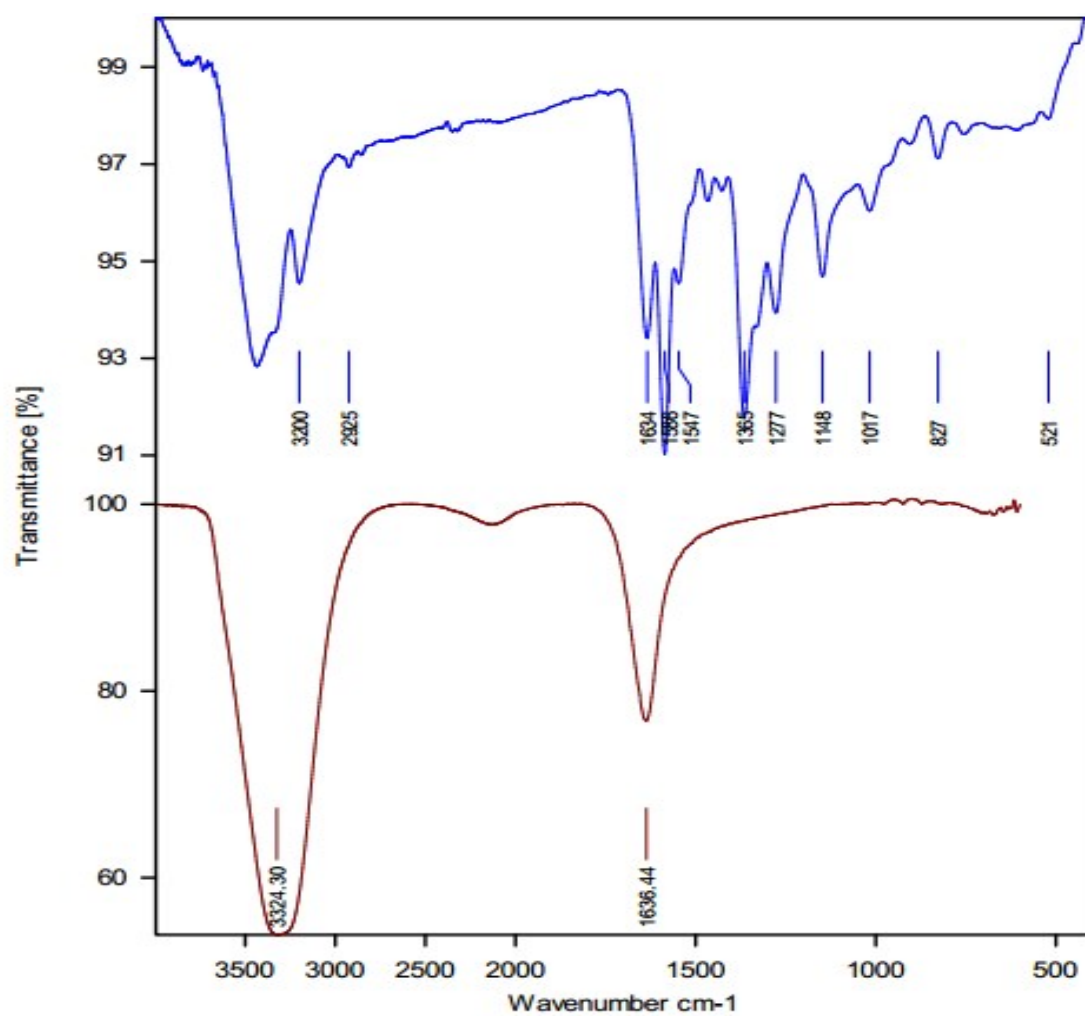
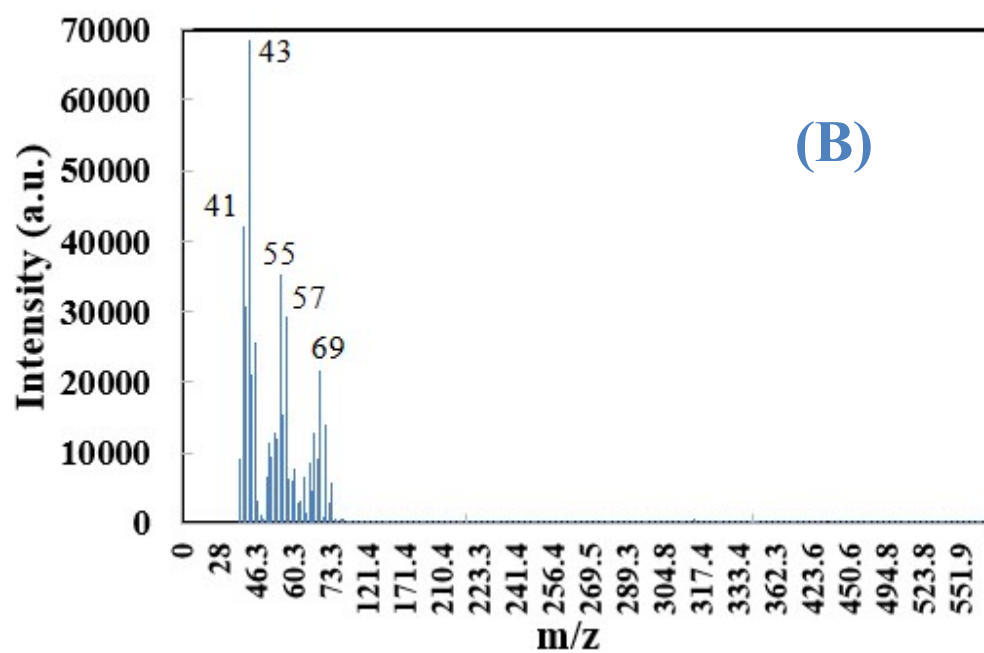
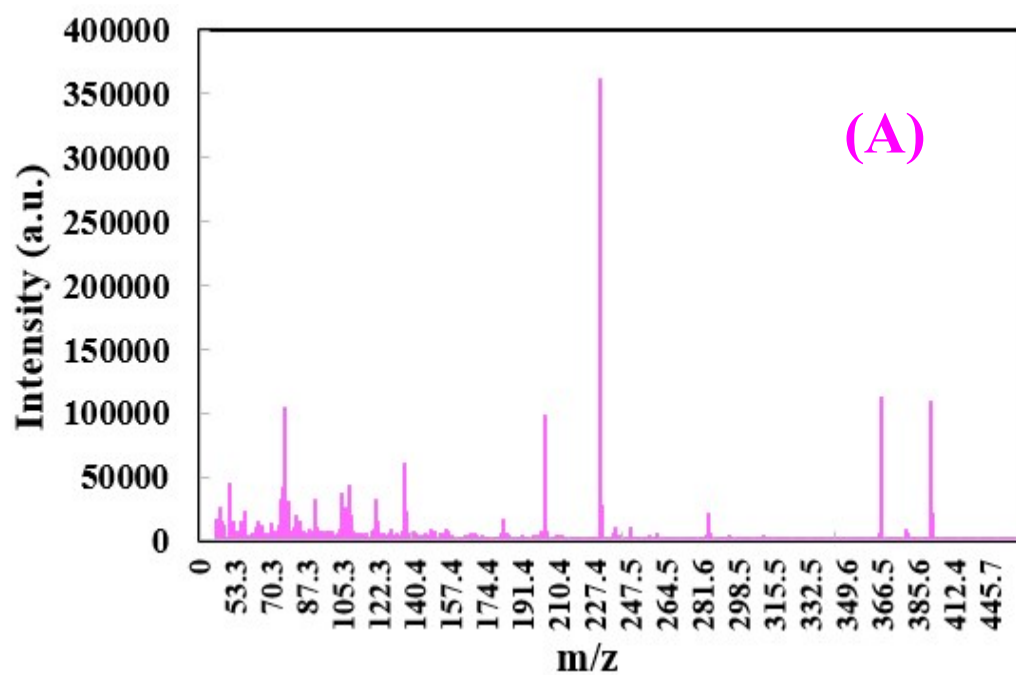


Fig. S1. IR spectra of (a) Initial NF, (b) NF after degradation.



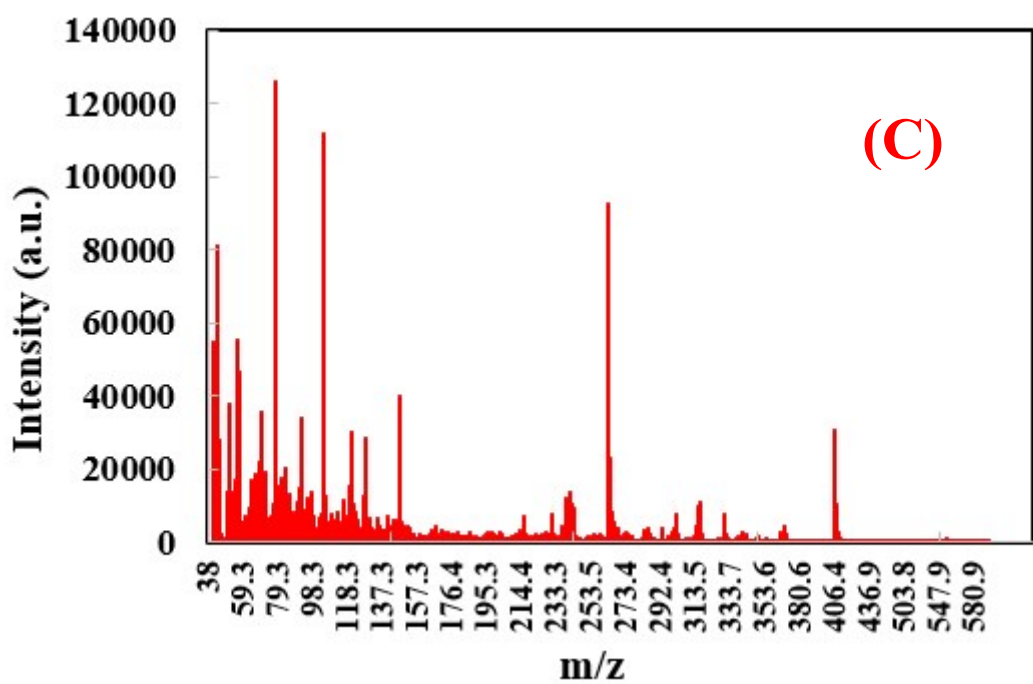


Fig. S2. Mass spectra of NF (A) before, (B) after degradation and (C) mass spectrum of GQDs.

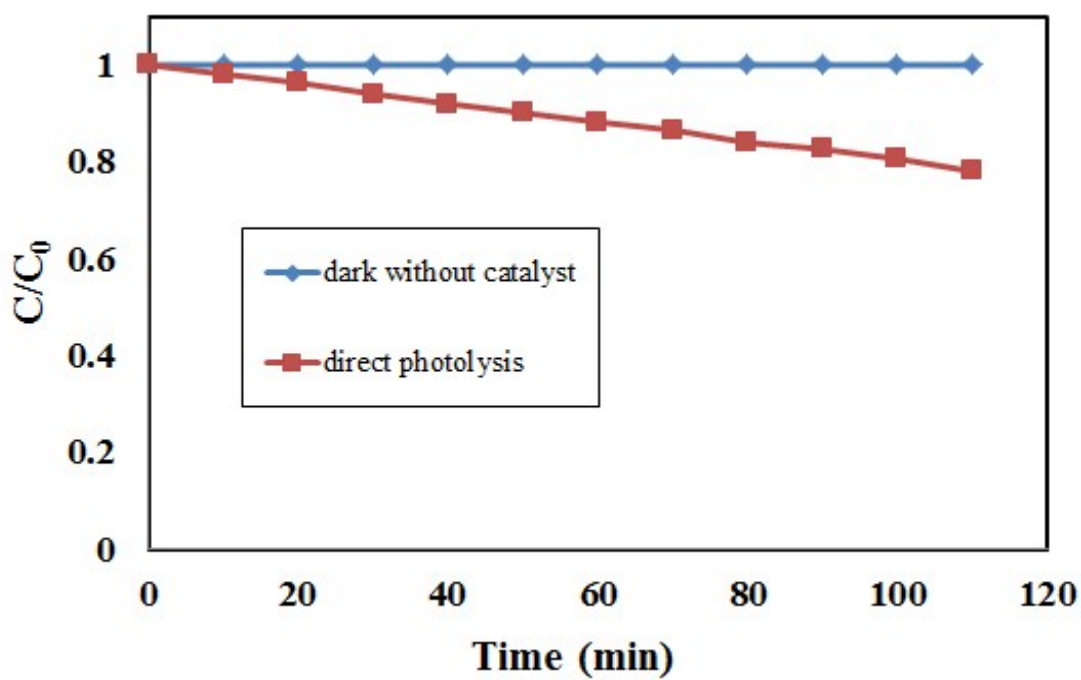


Fig. S3. Degradation of NF under irradiation of visible-light without adding any GQDs, dark without catalyst, and direct photocatalysis.