Electronic Supplementary Material (ESI) for RSC Advances.

Enhanced photoreduction degradation of polybromodiphenyl ethers with Fe_3O_4-g-C_3N_4 under visible light irradiation

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Supplementary materials

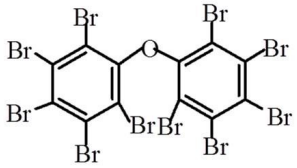

Fig. S1. The structure of BDE209

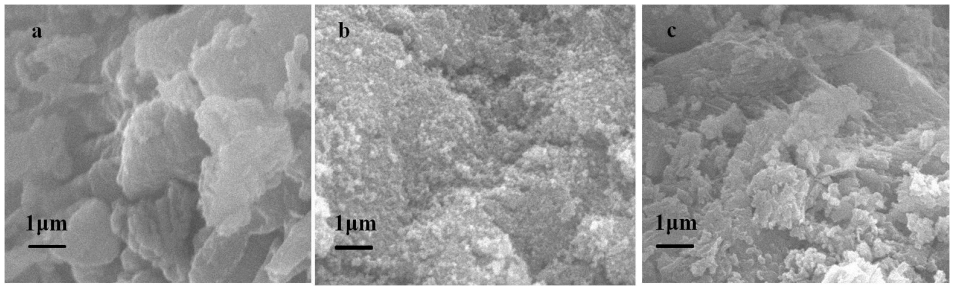

Fig. S2 SEM images of (a)g-C_3N_4; (b) Fe_3O_4; (c) FeOCN-4

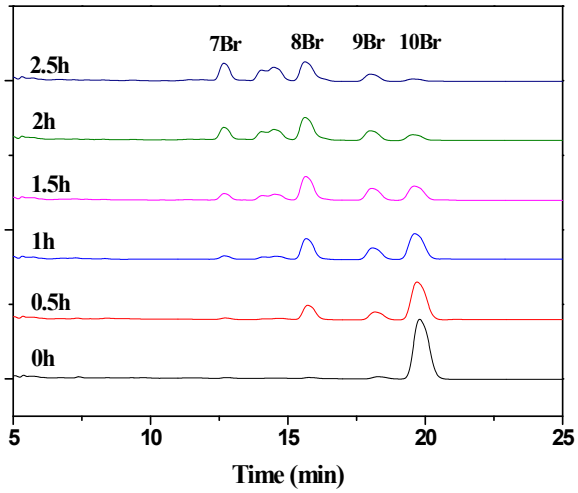

Fig. S3 HPLC chromatograms of degradation products of BDE209 with FeOCN-4 in different irradiation times.

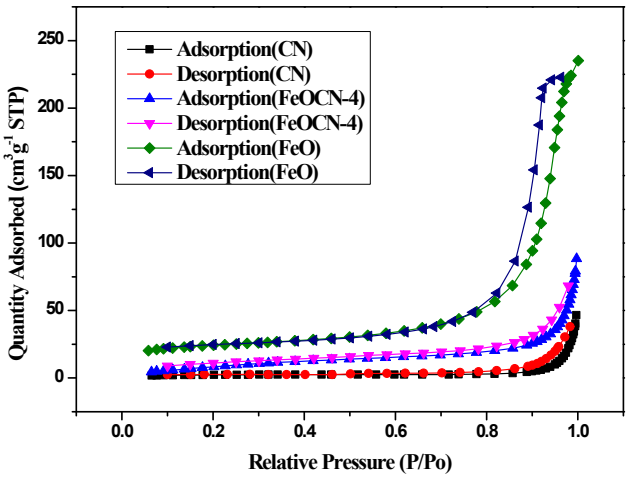

Fig. S4 Nitrogen adsorption isotherms of pure g-C_3N_4 (CN), Fe_3O_4 (FeO) and FeOCN-4.

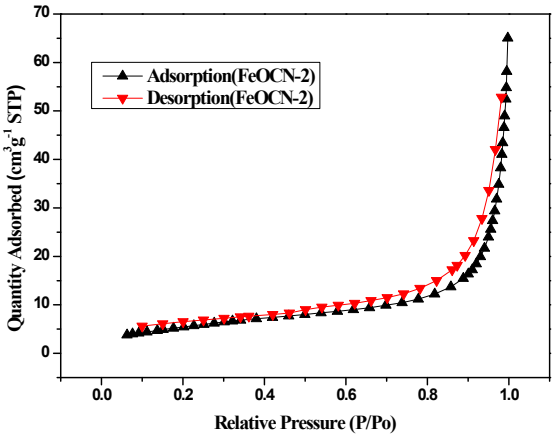

Fig. S5 Nitrogen adsorption isotherms of FeOCN-2.

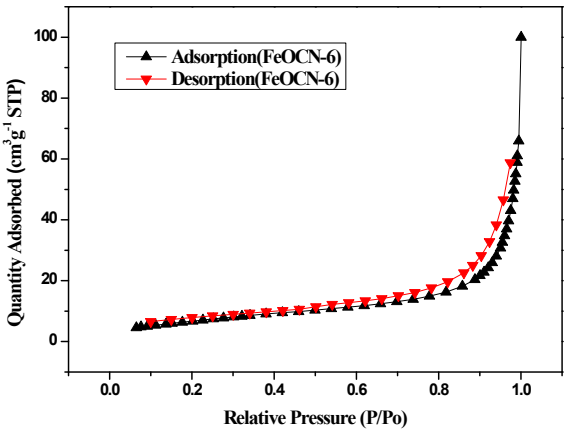

Fig. S6 Nitrogen adsorption isotherms of FeOCN-6.

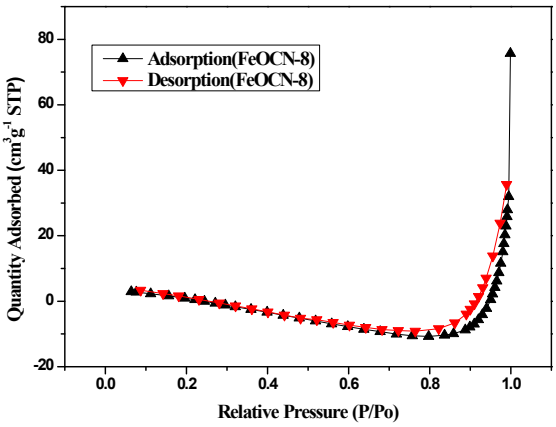

Fig. S7 Nitrogen adsorption isotherms of FeOCN-8.

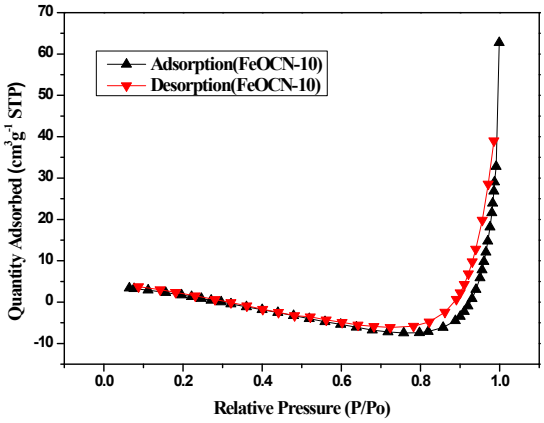

Fig. S8 Nitrogen adsorption isotherms of FeOCN-10.