

**Effect of magnet powder (Fe_3O_4) on the aerobic granular sludge
(AGS) formation and microbial community structure characteristics**

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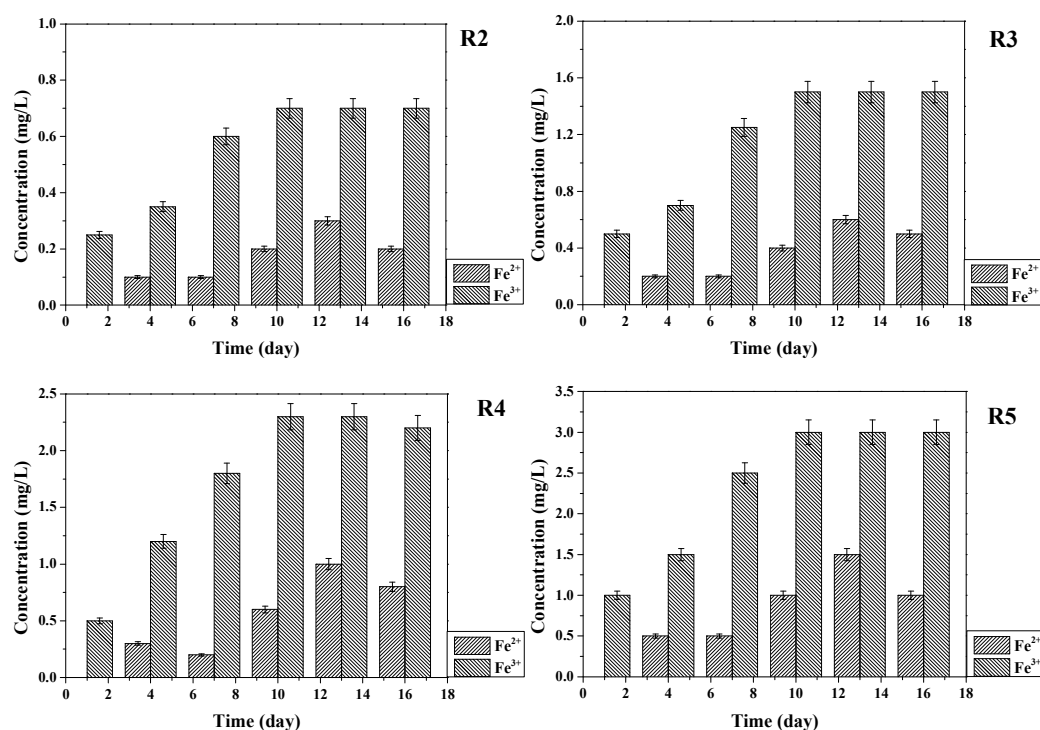
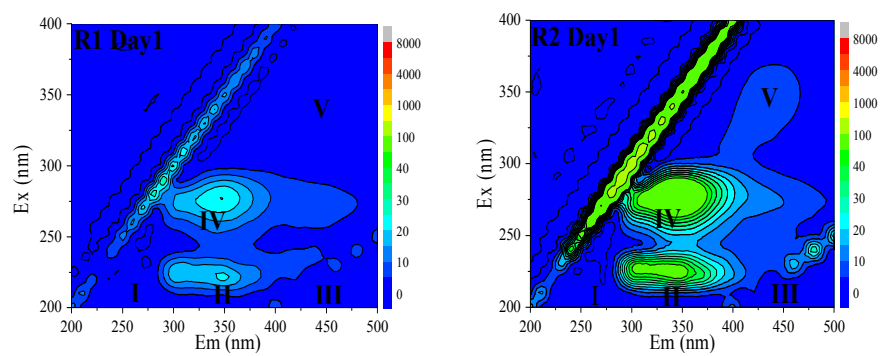
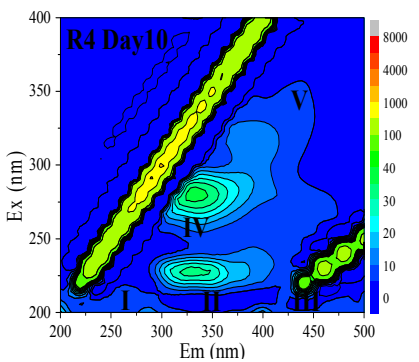
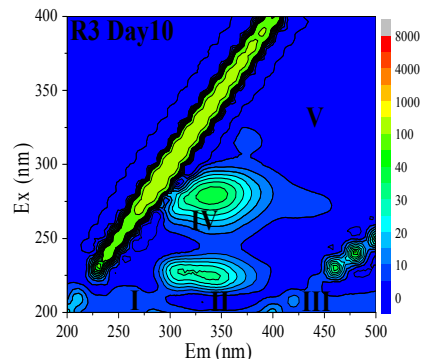
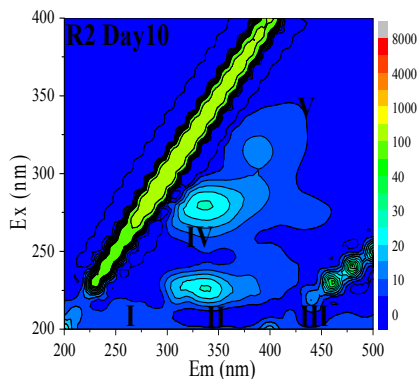
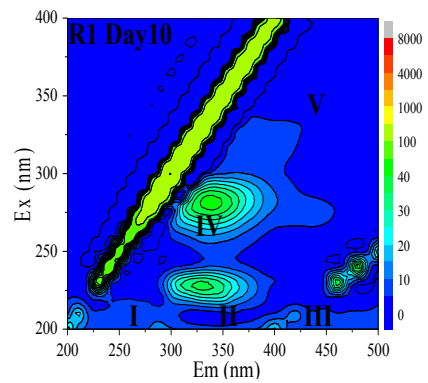
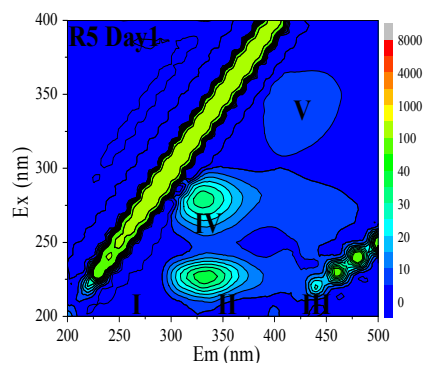
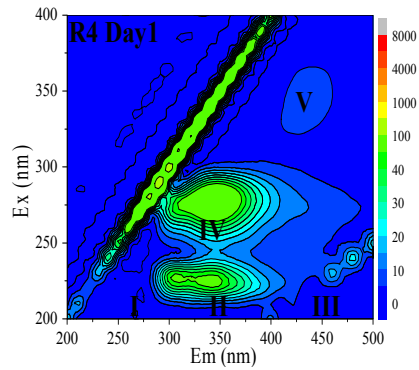
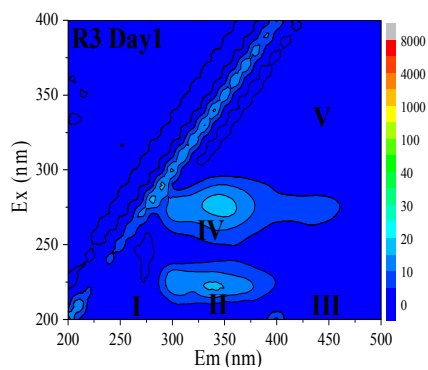


Fig. S1. The Fe²⁺ and Fe³⁺ concentrations in the effluent in R2 (0.4 g/L), R3 (0.8 g/L), R4 (1.2 g/L) and R5 (1.6 g/L)





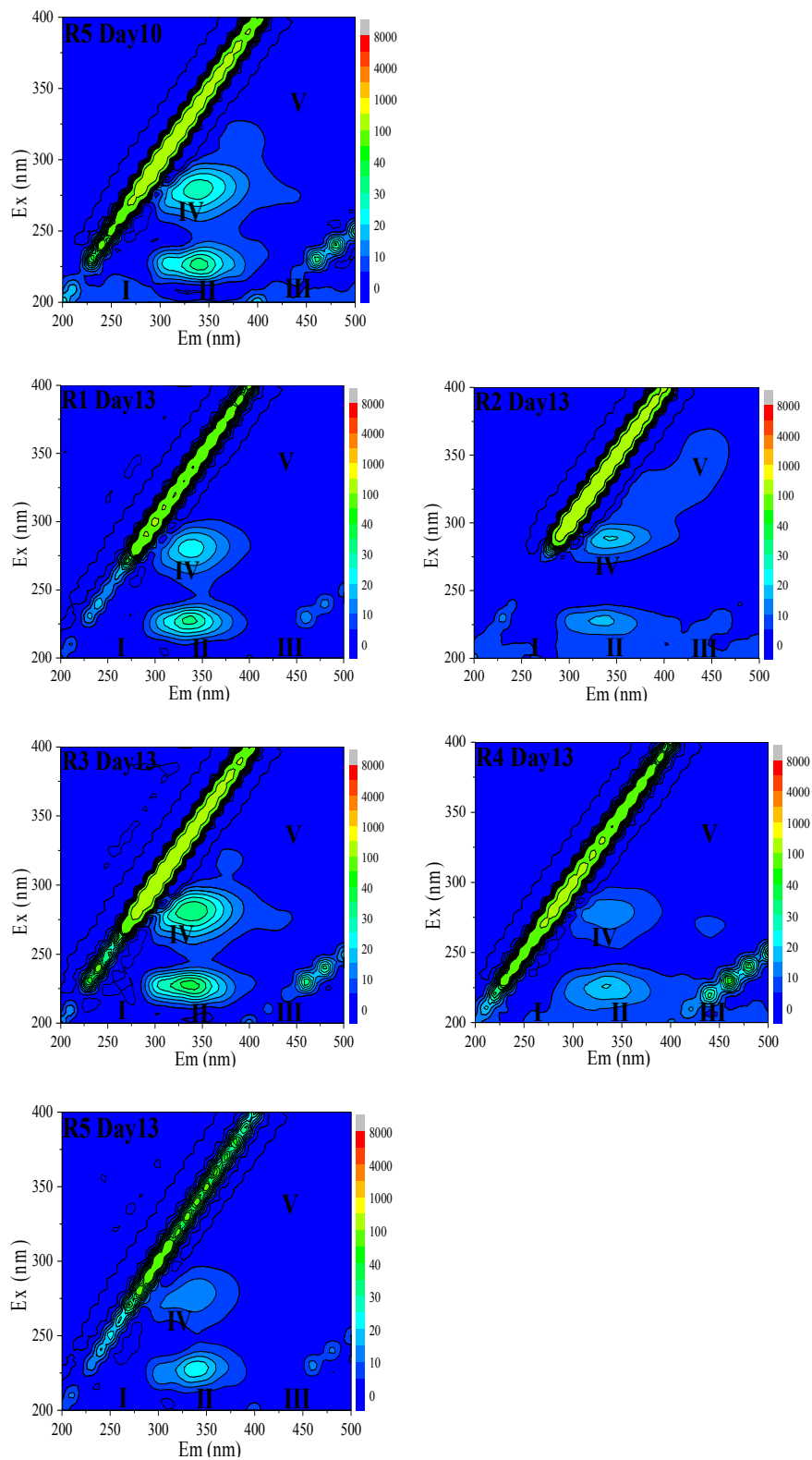


Fig. S2. 3D-EEM spectra of EPS in the granular sludge in R1 (0 g/L), R2 (0.4 g/L), R3 (0.8 g/L), R4 (1.2 g/L) and R5 (1.6 g/L)