

Table S1. Textural properties of samples.

Samples	Surface Area (m ² /g)	Total pore volume (cm ³ /g)
MIL-125(Ti)	1120	0.76
NH ₂ -MIL-125(Ti)	1365	0.61
bi-MOFs	1250	0.54
bi-MOFs-spent	1245	0.54

Fig. S1. The nitrogen sorption analysis.

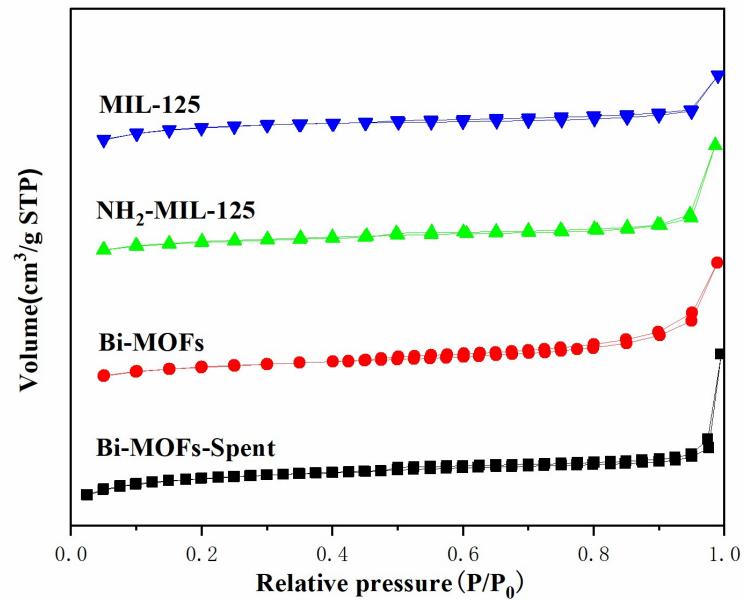


Fig. S2. Weight loss vs. time

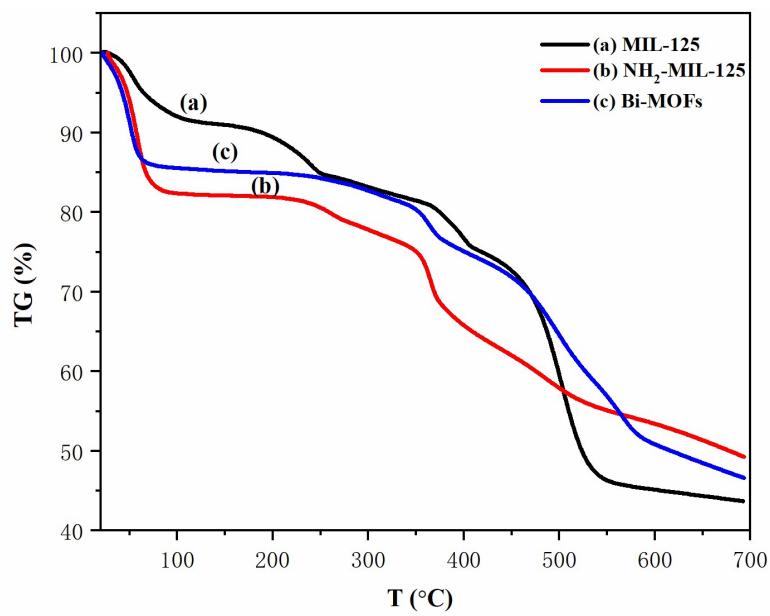


Fig. S3. Elemental mapping images of bi-MOFs.

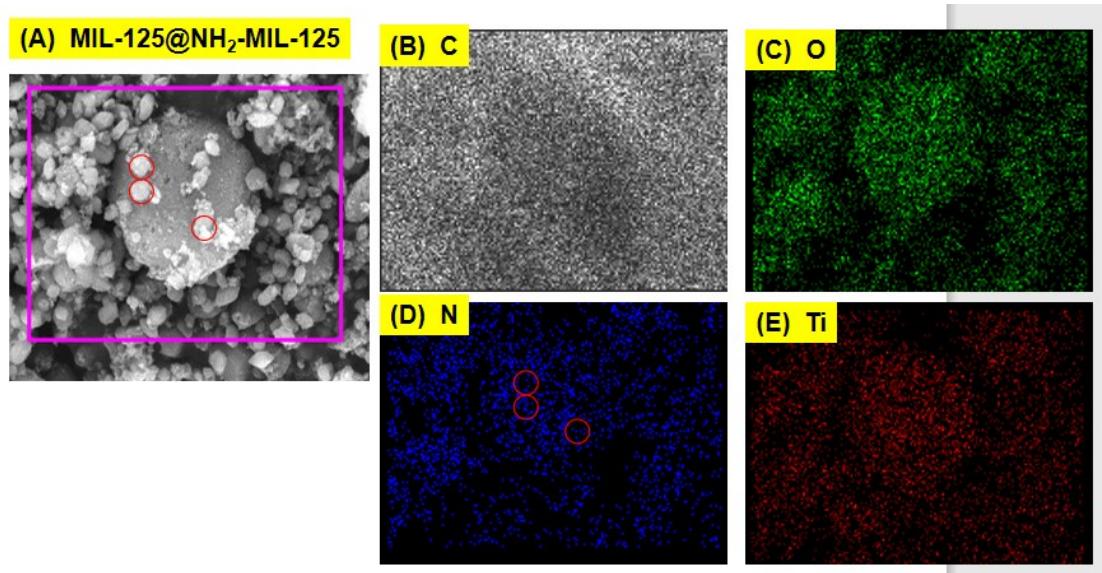


Fig. S4 Cycling tests of bi-MOFs

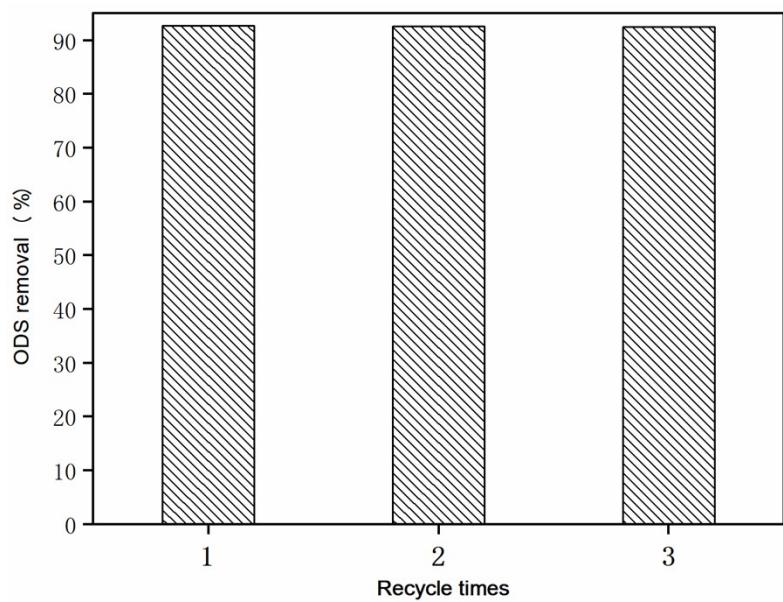


Fig. S5 XRD patterns of fresh and spent catalysts.

