



Supplemental Figure S1. Ion chromatogram of styrene monomer (M), dimer (D) and trimer (T) from pyrolysis GC-MS with characteristic m/z values. A) standard sample of PS-MPs; B) Control (untreated *Allium cepa* roots); C) *A. cepa* roots treated with 0.01 g L⁻¹ PS-MPs; D) 0.1 g L⁻¹ PS-MPs; E) 1 g L⁻¹ PS-MPs.