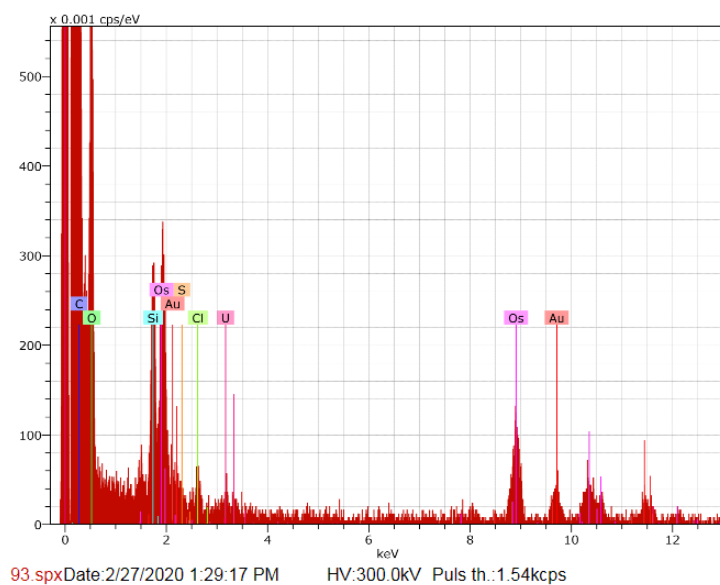
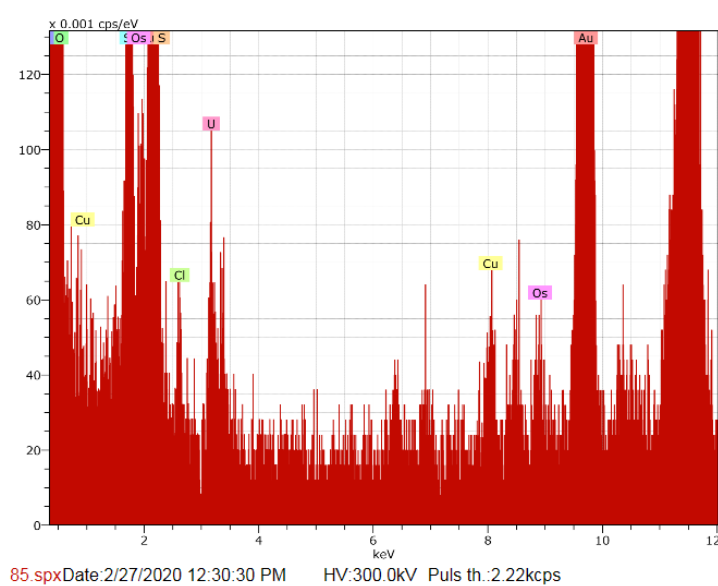


**A****B**

**Figure S1.** X-ray emission profiles of elementary metals detected by energy-dispersive x-ray spectrometry (EDXS) present in electrodense nanoparticles in a cell of *U. compressa* from a control site (A) and a copper-polluted site (B).