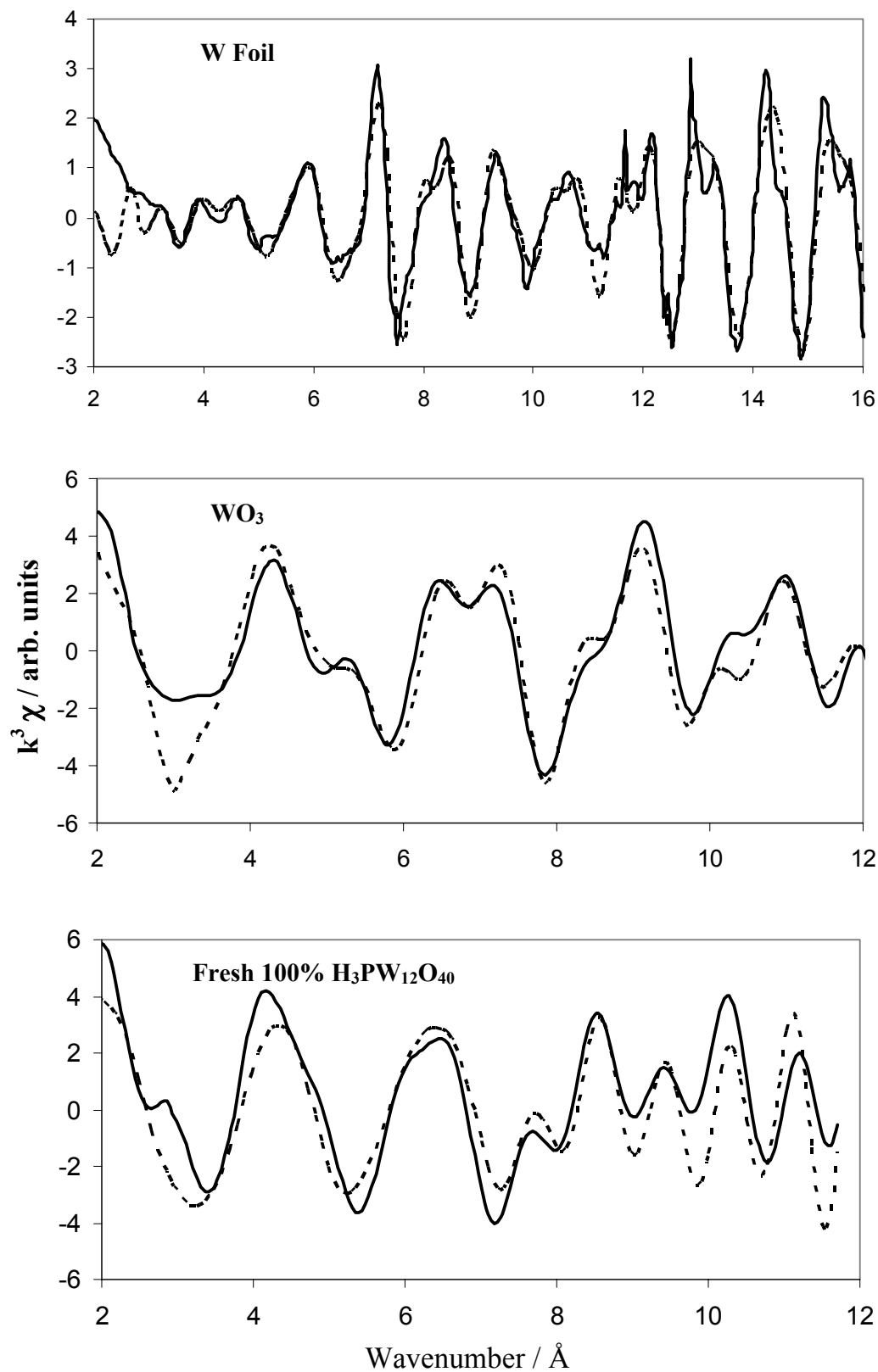**Figure S1:** Raw EXAFS data for supported HPW and reference samples

Figure S2: Raw EXAFS data for bulk HPW and reference samples