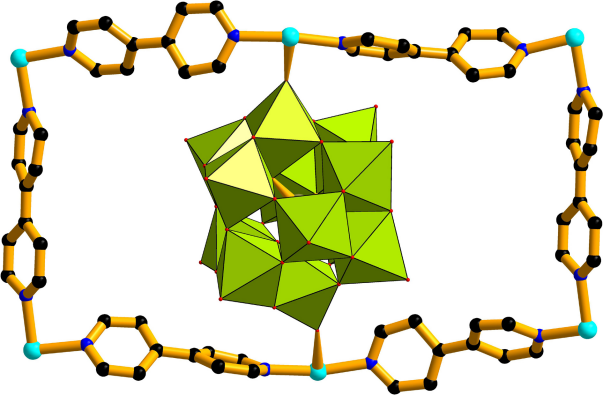
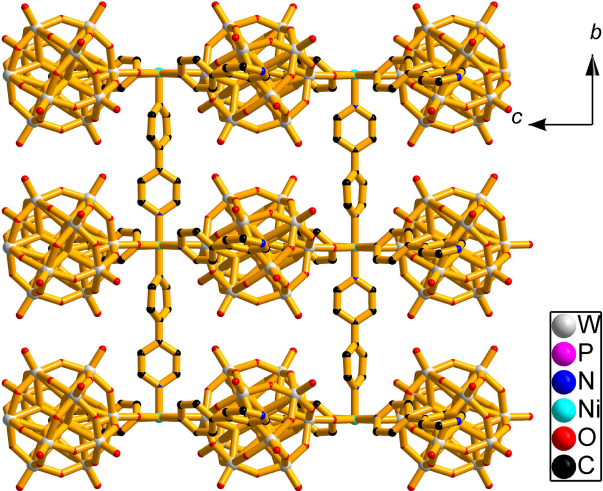






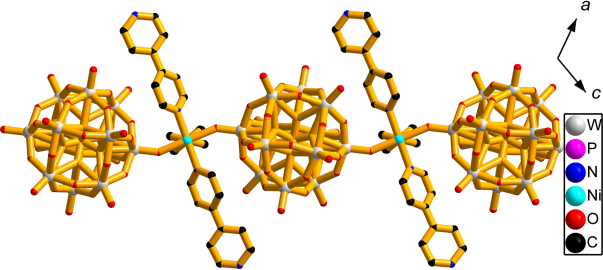


Table S1

Formula	C ₅₀ H ₅₅ BN ₁₀ Ni ₂ O ₄₇ W ₁₂	C ₃₀ H ₃₇ N ₆ NiO ₄₆ PW ₁₂
Fw	3882.47	3513.54
Cryst syst	Monoclinic	Monoclinic
space group	P2(1)	C2/c
a(Å)	13.292(3)	24.241(5)
b(Å)	15.146(3)	11.250(2)
c(Å)	19.946(4)	28.261(6)
β(°)	102.23(3)	115.06(3)
V(Å ³)	3924.4(14)	6981(2)
Z	2	4
D _c (g/cm ³)	3.286	3.343
μ(mm ⁻¹)	18.076	20.063
F(000)	3500	6232
θ(°)	3.09 to 27.49	3.13 to 27.48
R(int)	0.1175	0.0867
Data/params	16938/ 1099	8008/ 445
Gof	1.072	1.084
R ₁ [I>2σ(I)]	0.0649	0.0664
wR ₂ (all data)	0.1551	0.1674