

Figure S1. The TGA curves for **1 – 8**.

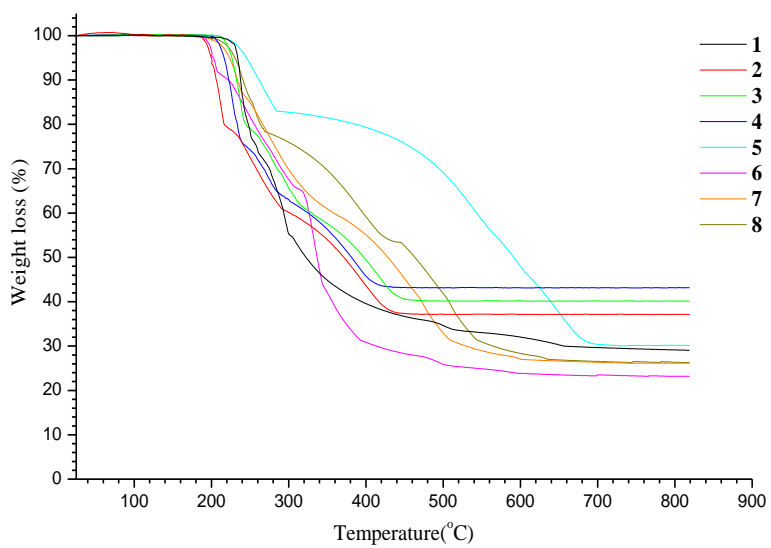
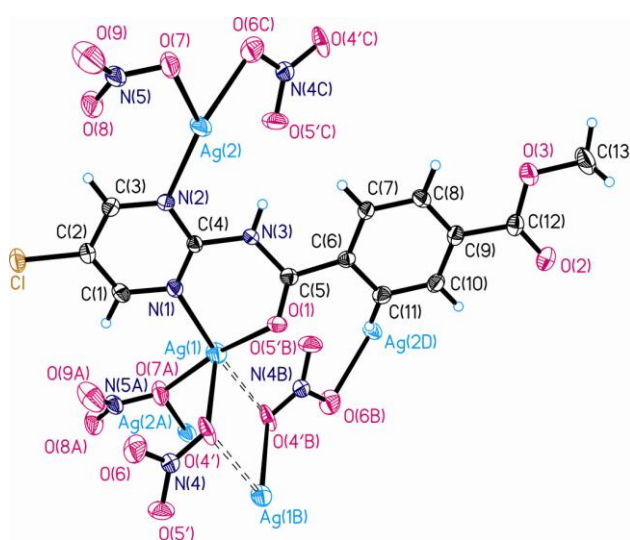
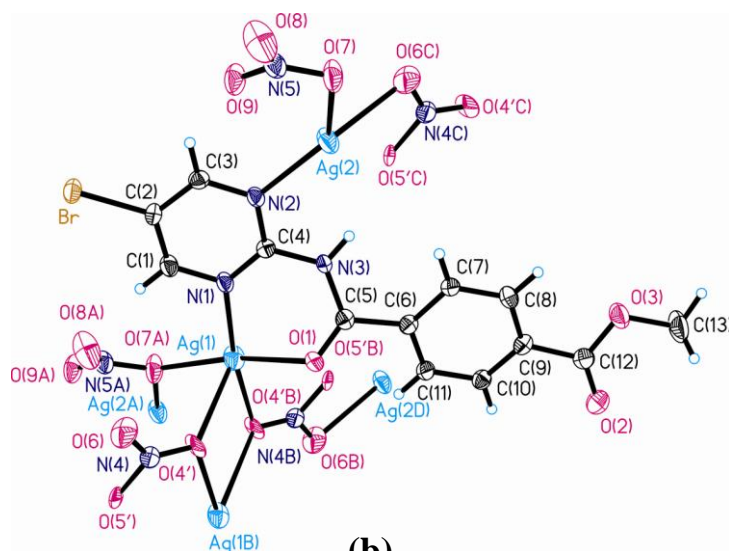


Figure S2. (a) Coordination environment about the silver center of **2**, showing one orientation of the disordered NO_3^- anion. Thermal ellipsoids are shown at 30 % probability level. Symmetry code A: $x + 1, y - 1, z$; B: $-x + 4, -y - 1, -z + 2$; C: $x, y + 1, z$; D: $x, y - 1, z$. (b) Coordination environment about the silver center of **3**, showing one orientation of the disordered NO_3^- anion. Thermal ellipsoids are shown at 30 % probability level. Symmetry code A: $x + 1, y - 1, z$; B: $-x + 1, -y + 1, -z + 1$; C: $x, y + 1, z$; D: $x, y - 1, z$.



(a)



(b)

Figure S3. Coordination environment about the Ag(I) center of **4**, showing one orientation of the disordered NO₃⁻ anion. Thermal ellipsoids are shown at 30 % probability level. Symmetry code A: $x, y + 1, z$.

