

Figure S1. Atomic numbering schemes for the cationic parts of **1Ni**.

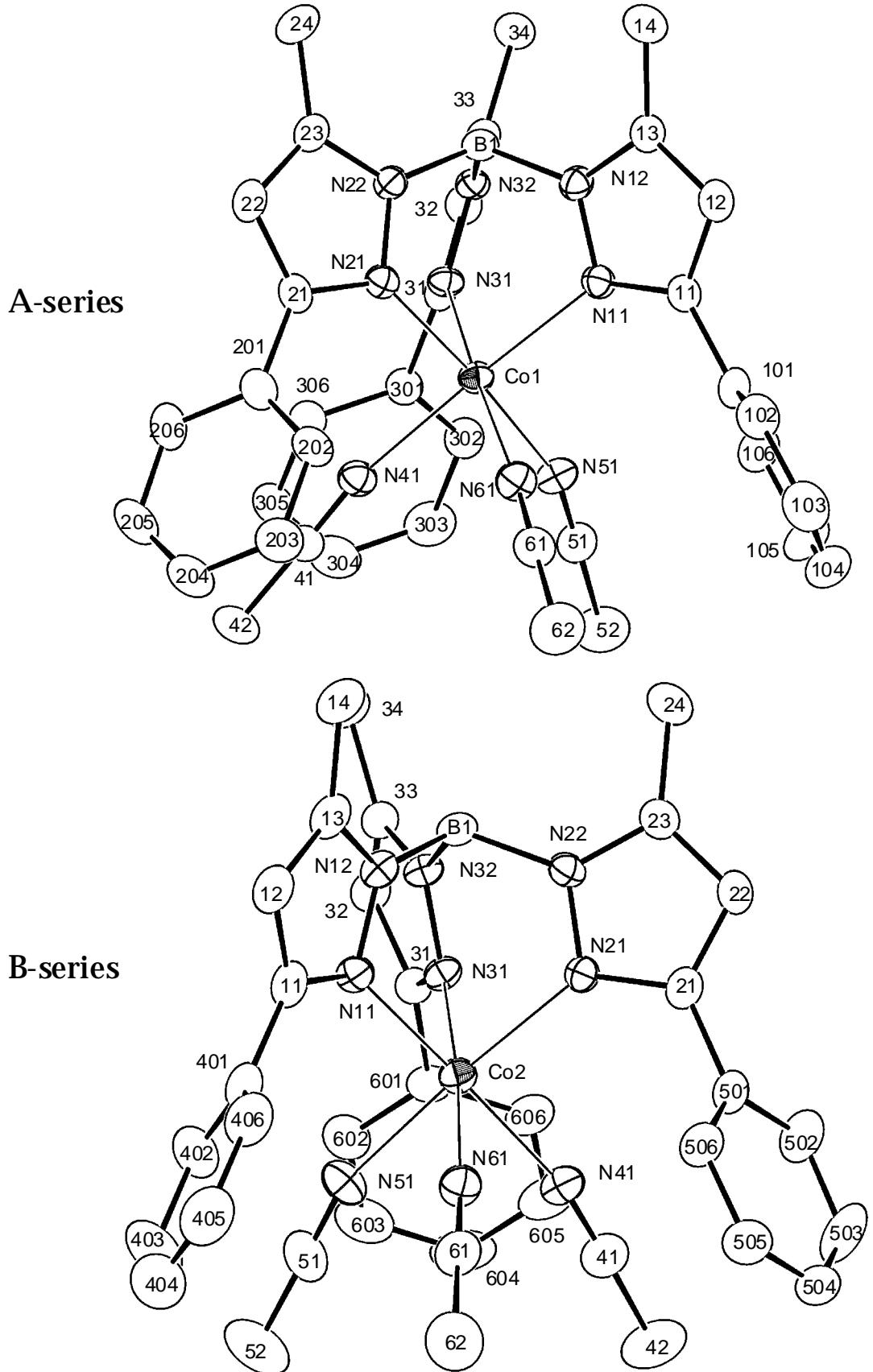


Figure S2. Atomic numbering schemes for the cationic parts of **1Co**.

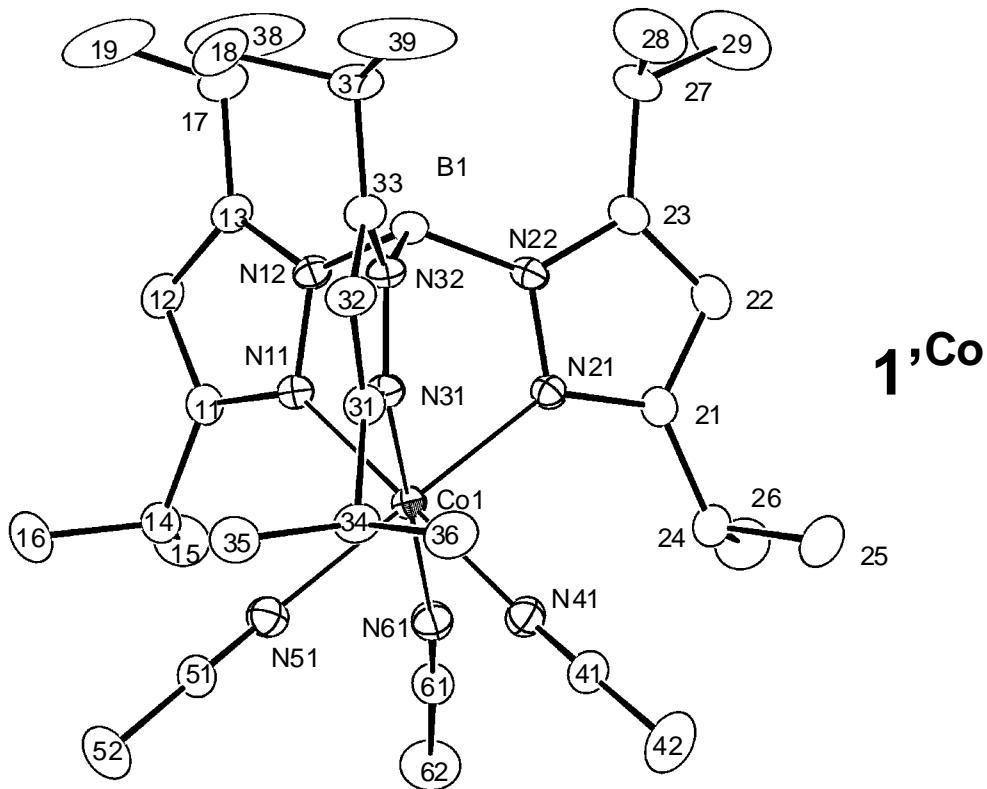
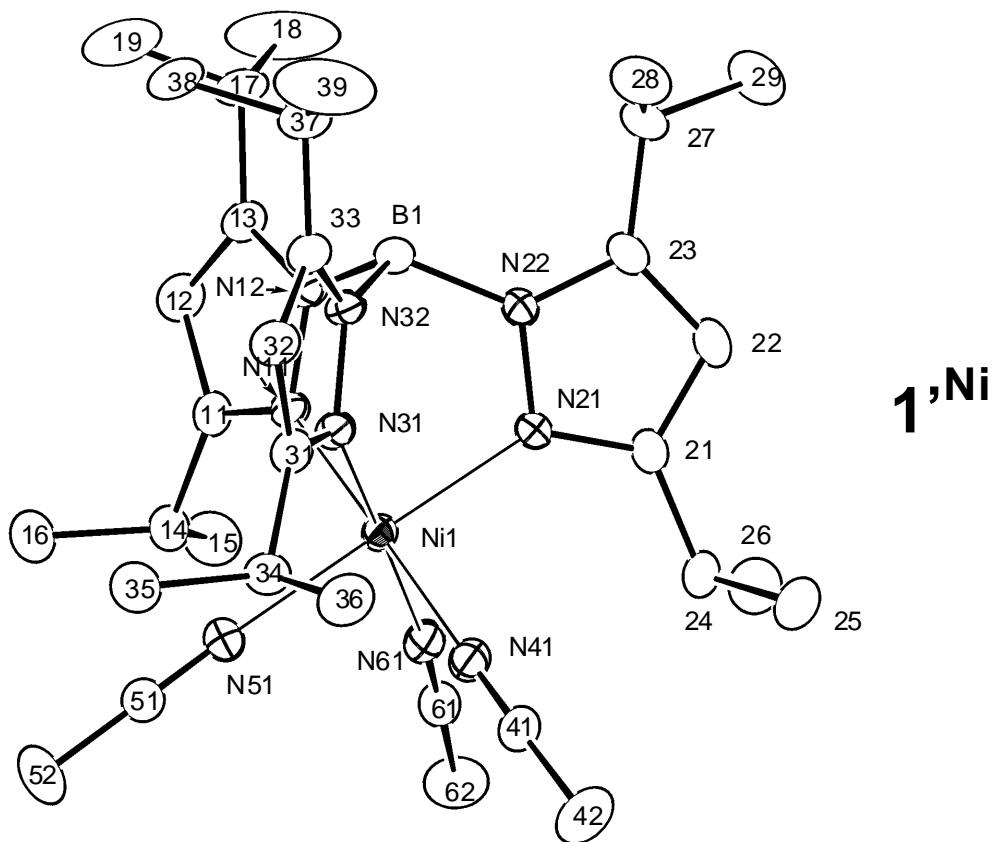


Figure S3. Atomic numbering schemes for the cationic parts of **1'**.

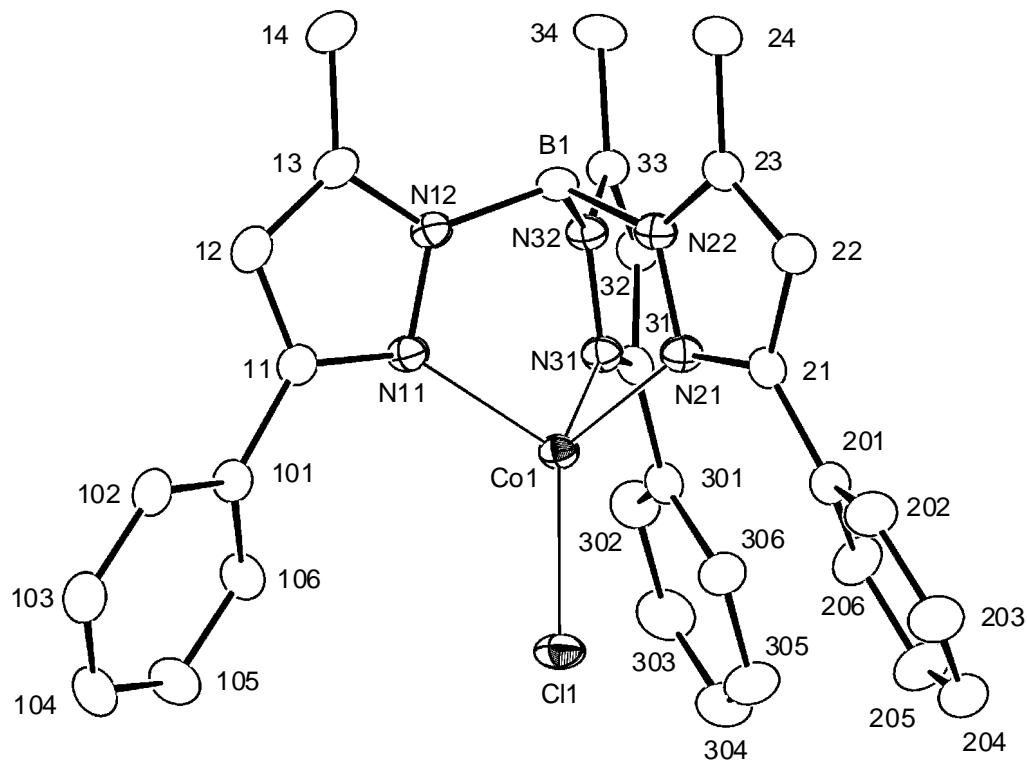
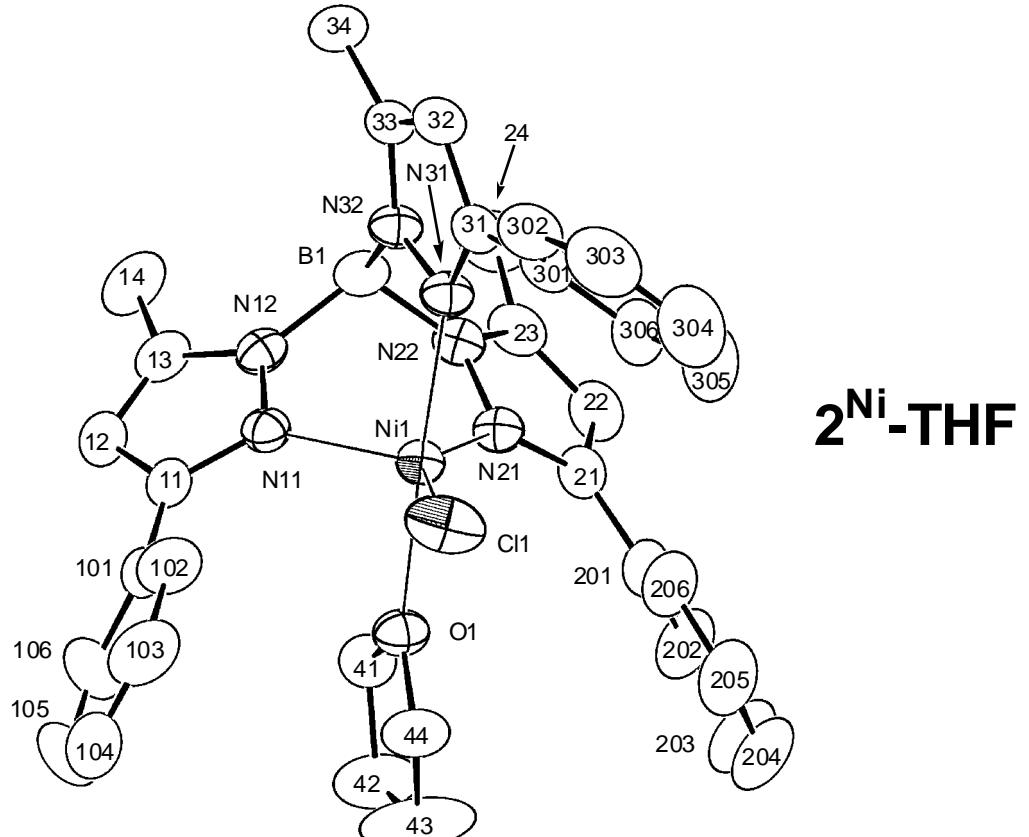
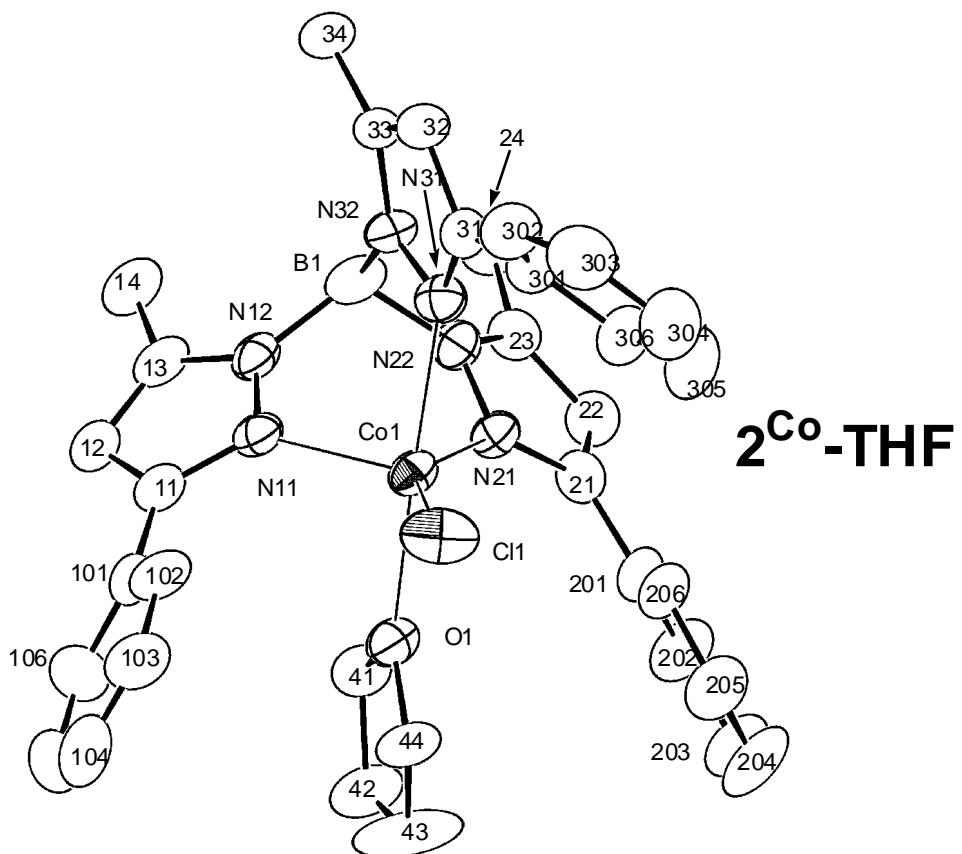


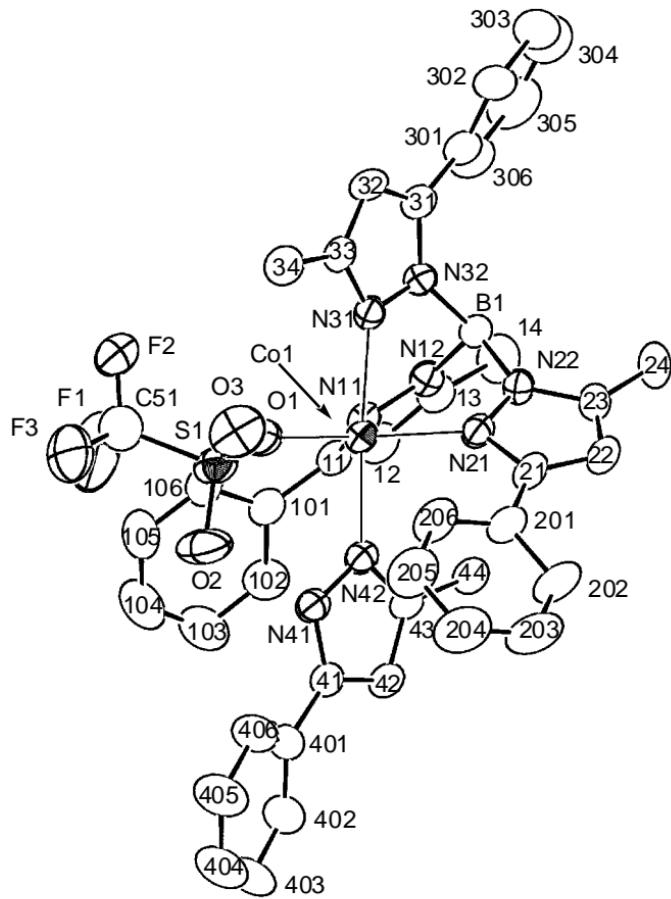
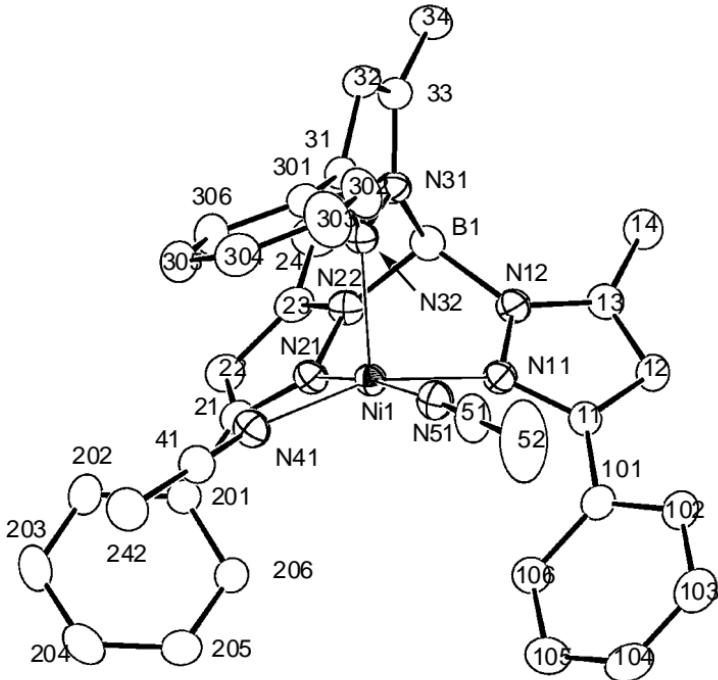
Figure S4. Atomic numbering schemes for **2**^{Co}.

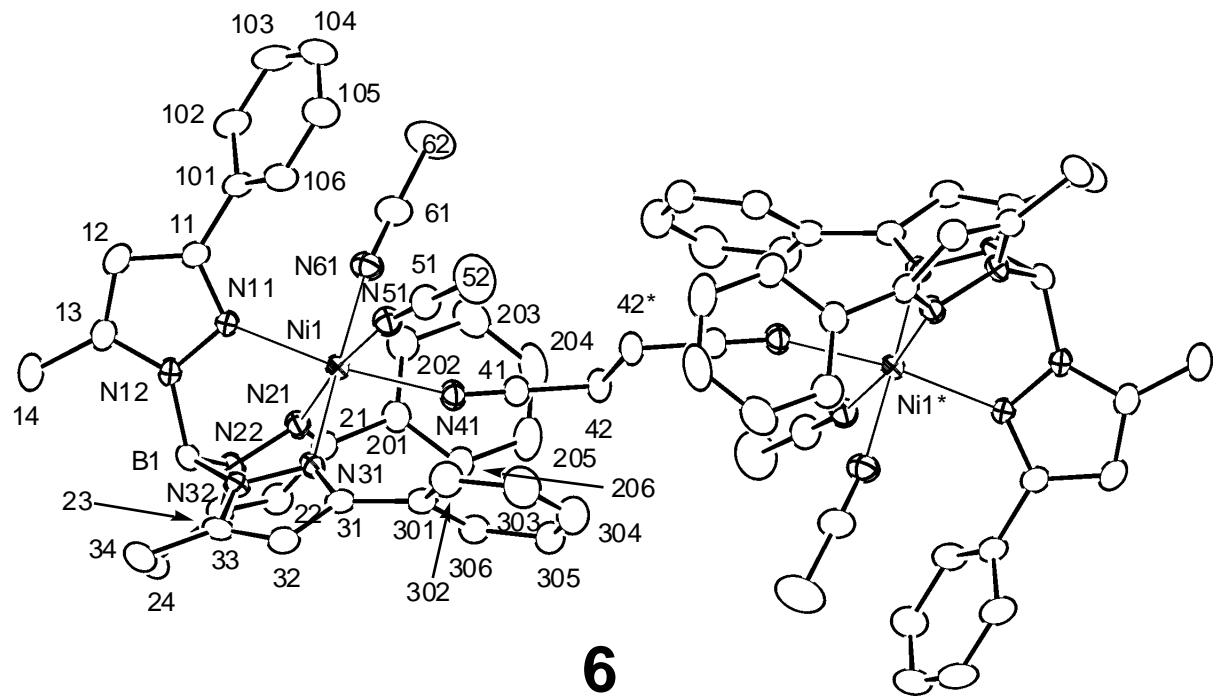
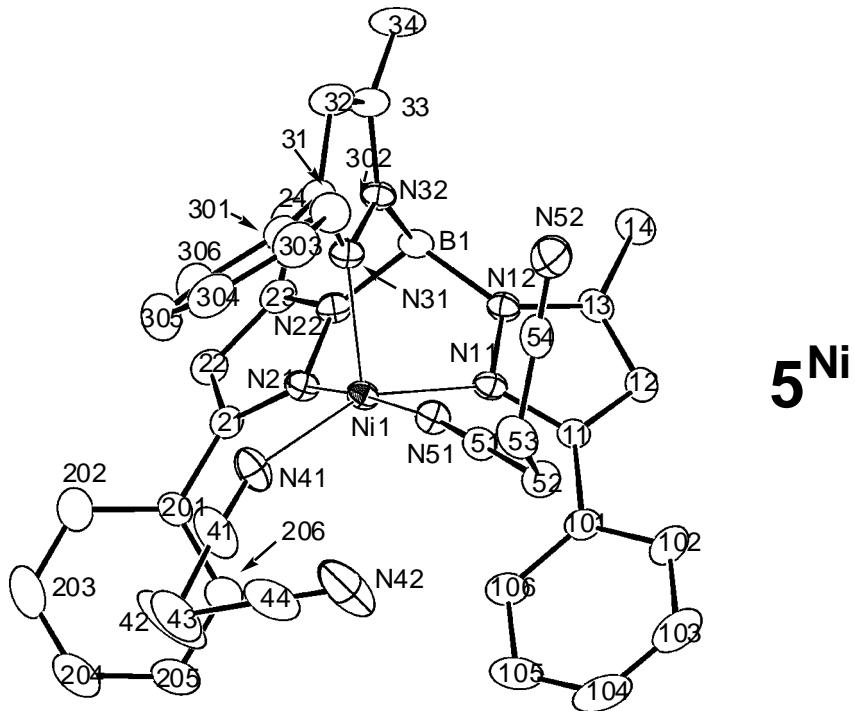


2Ni-THF



2Co-THF





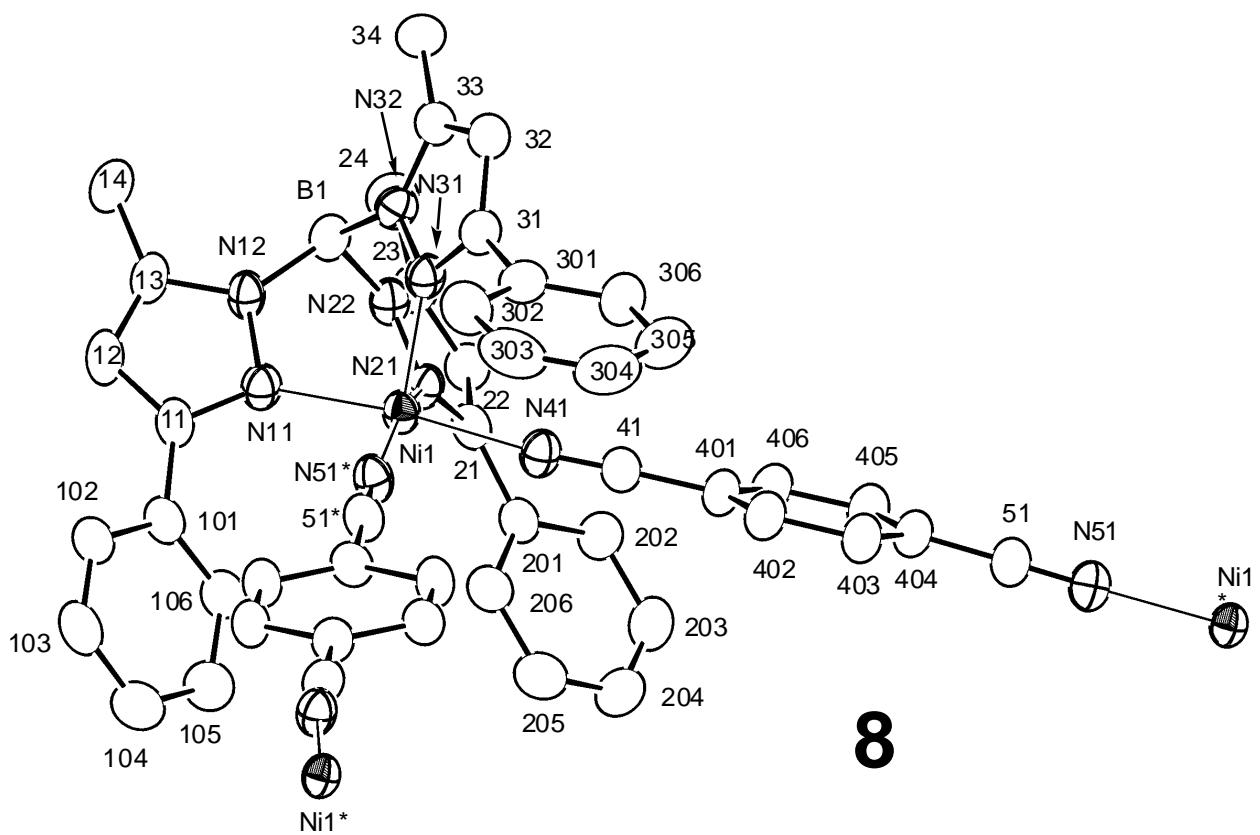
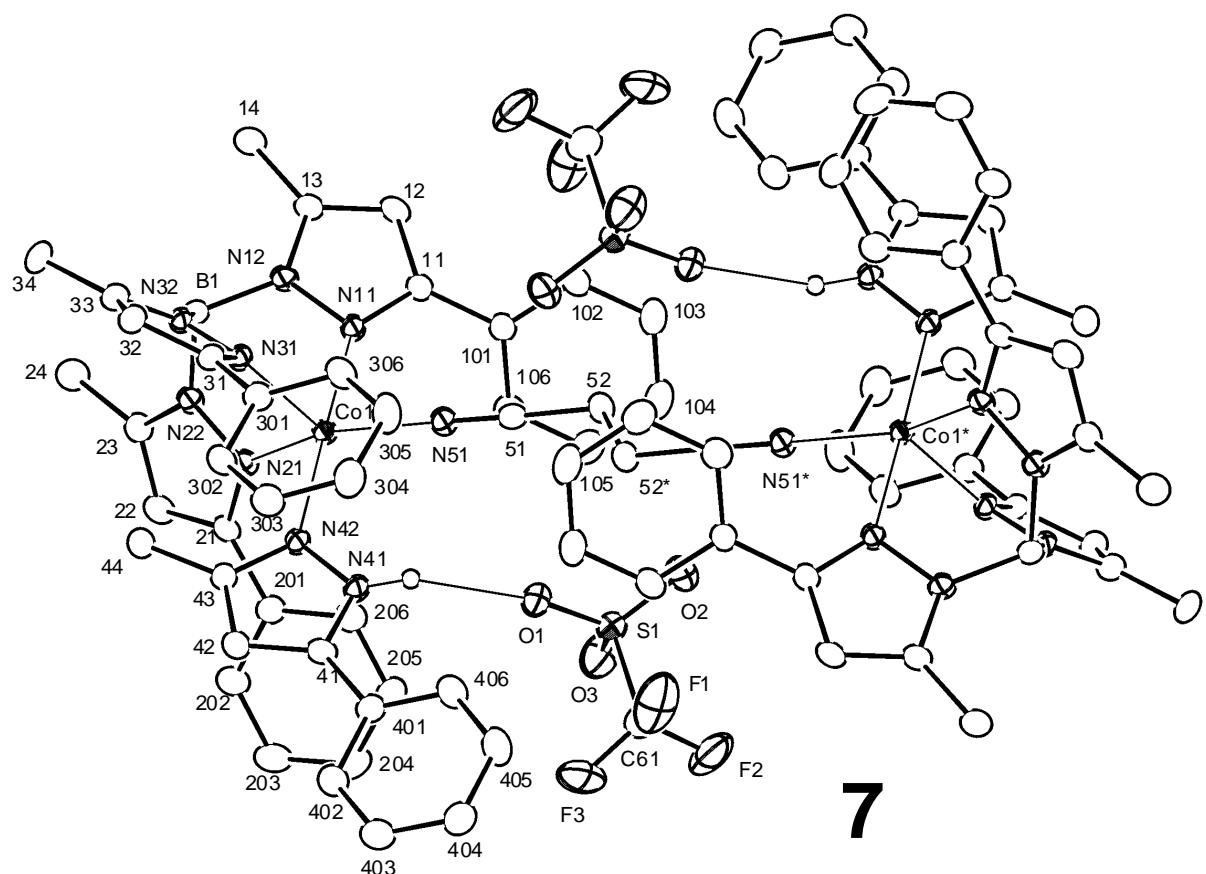


Figure S8. Atomic numbering schemes for the cationic parts of **7** and **8**.

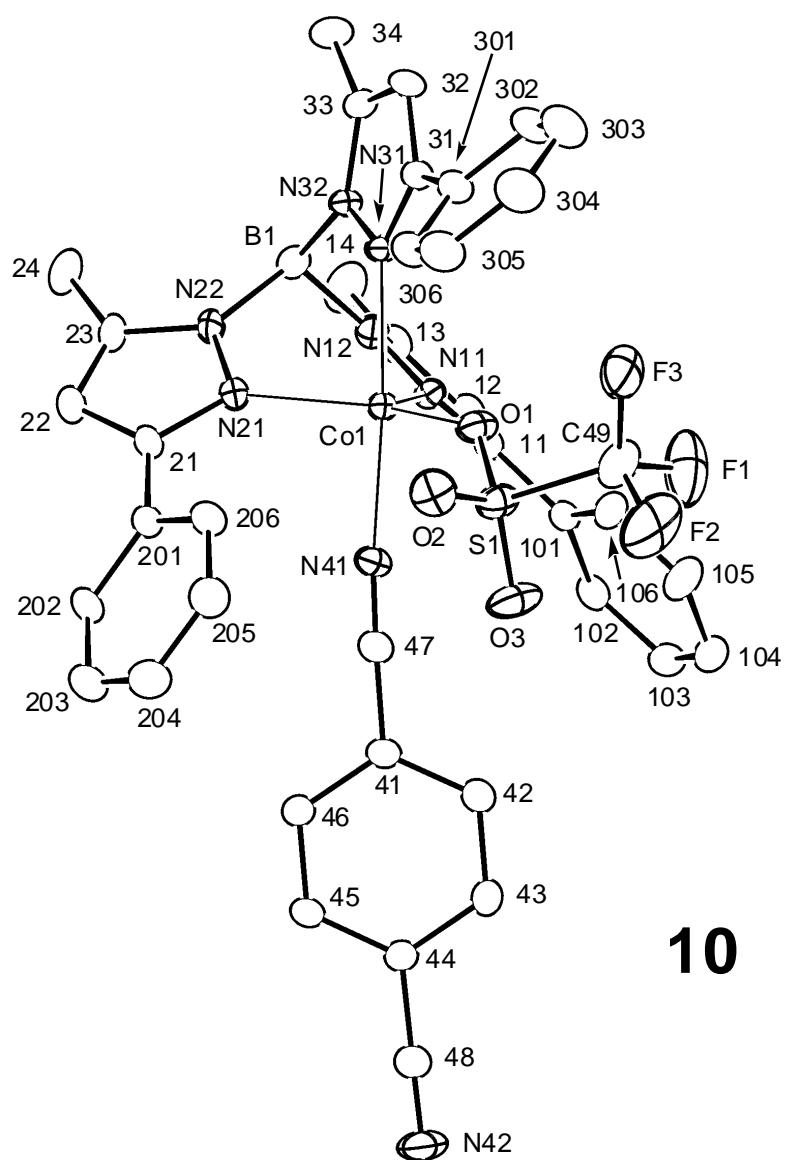
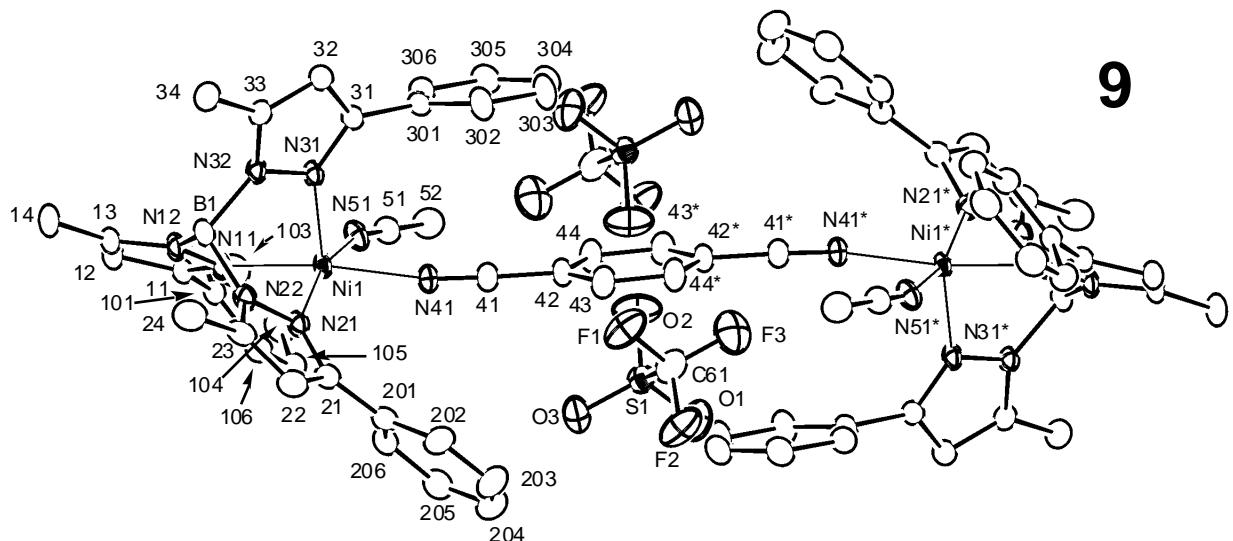


Figure S9. Atomic numbering schemes for **9** and **10**.

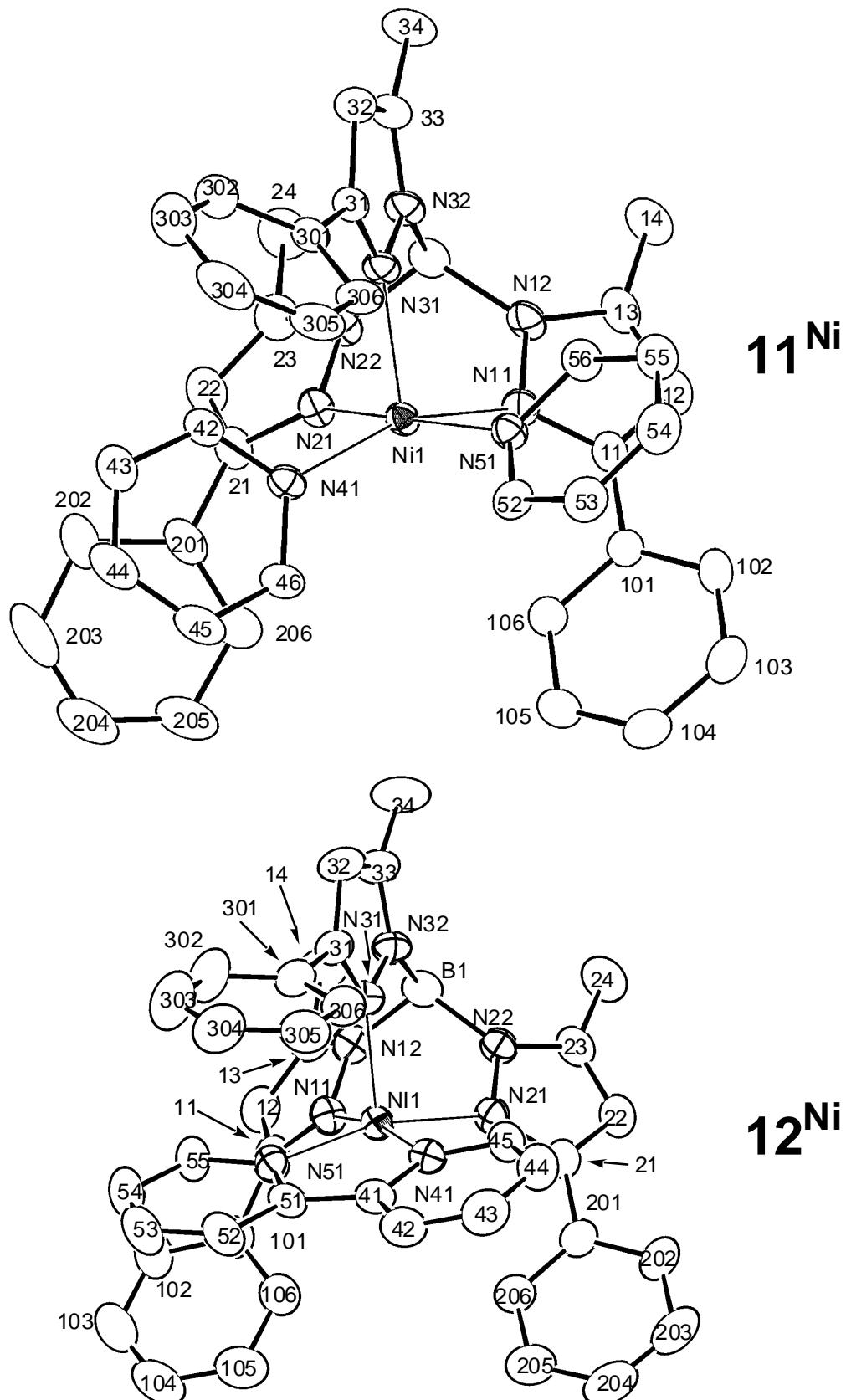


Figure S10. Atomic numbering schemes for the cationic parts of $\mathbf{11}\text{Ni}$ and $\mathbf{12}\text{Ni}$.

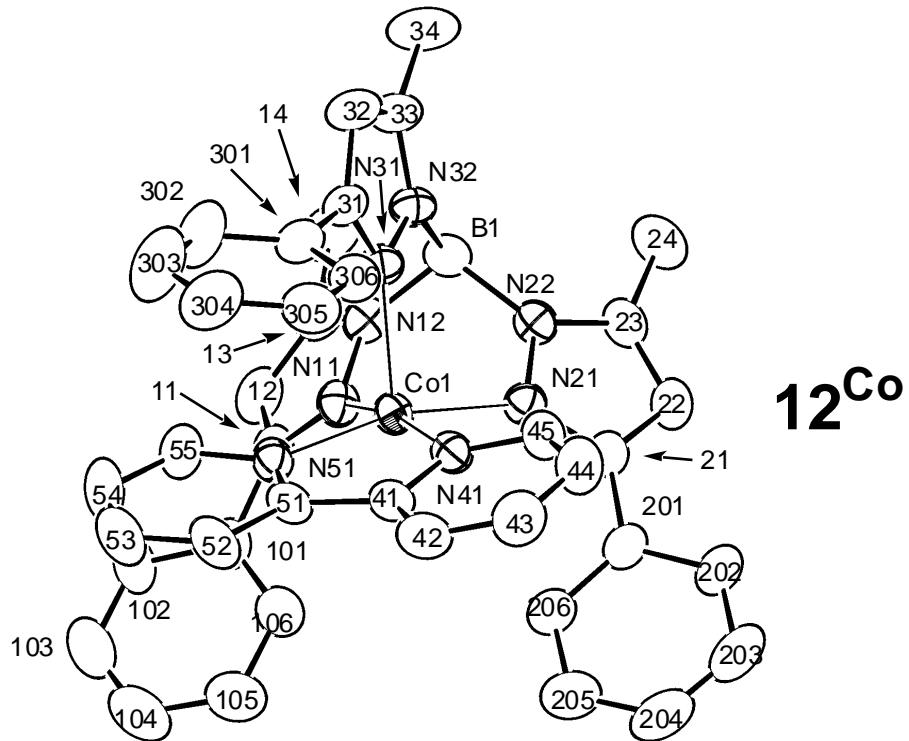
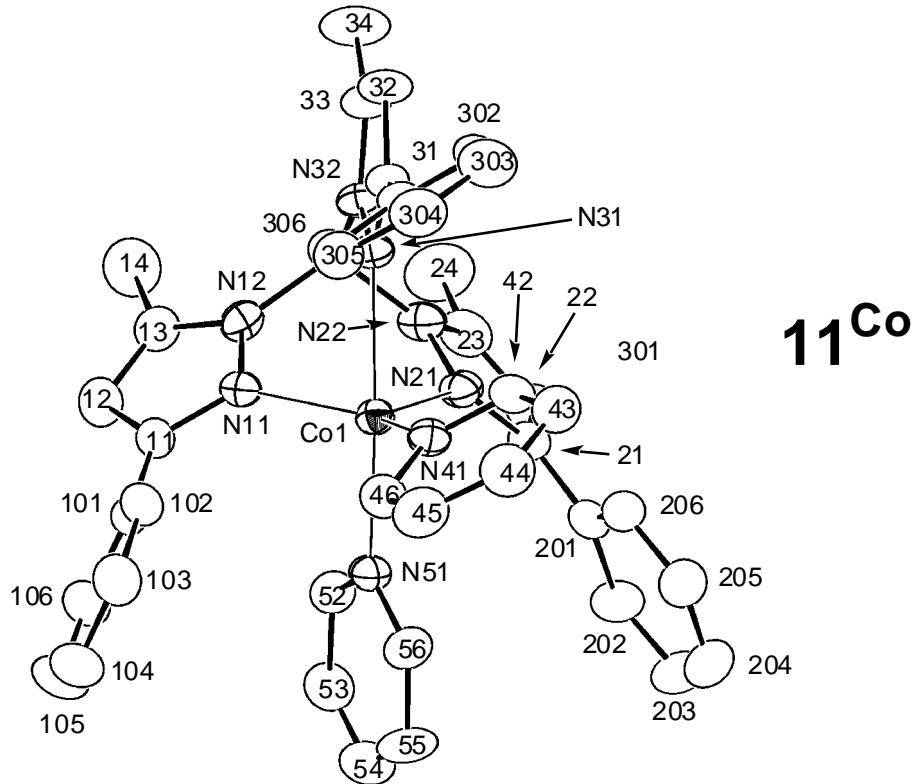
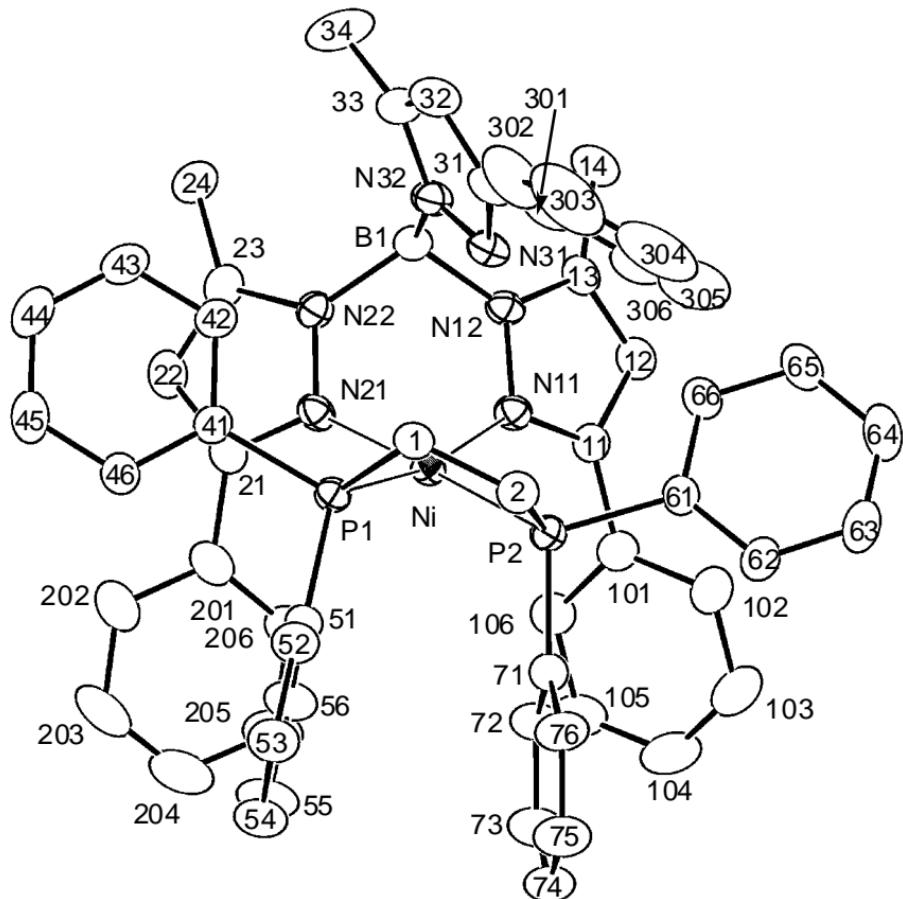


Figure S11. Atomic numbering schemes for the cationic parts of **11^{Co}** and **12^{Co}**.



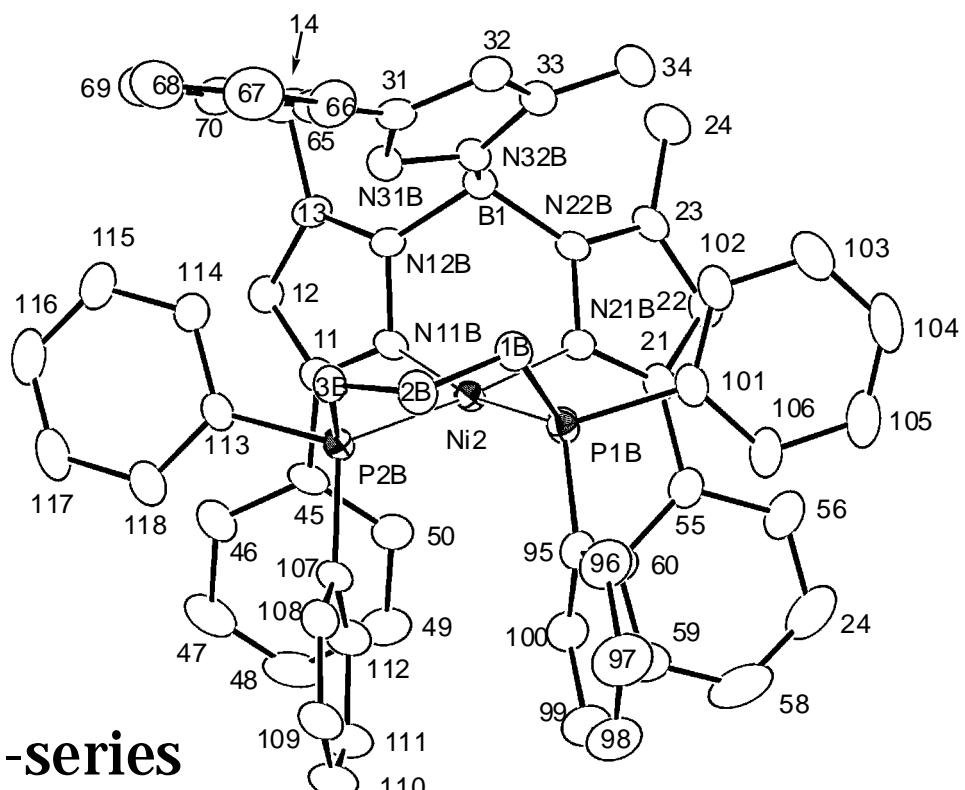
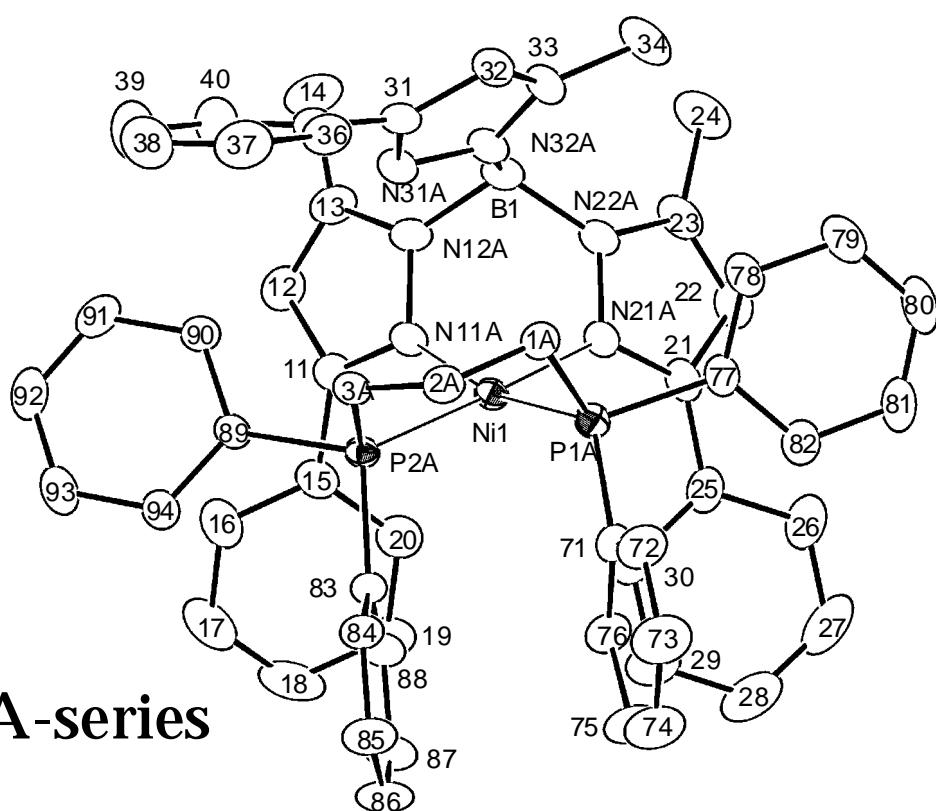


Figure S13. Atomic numbering schemes for the cationic parts of **14b**.

