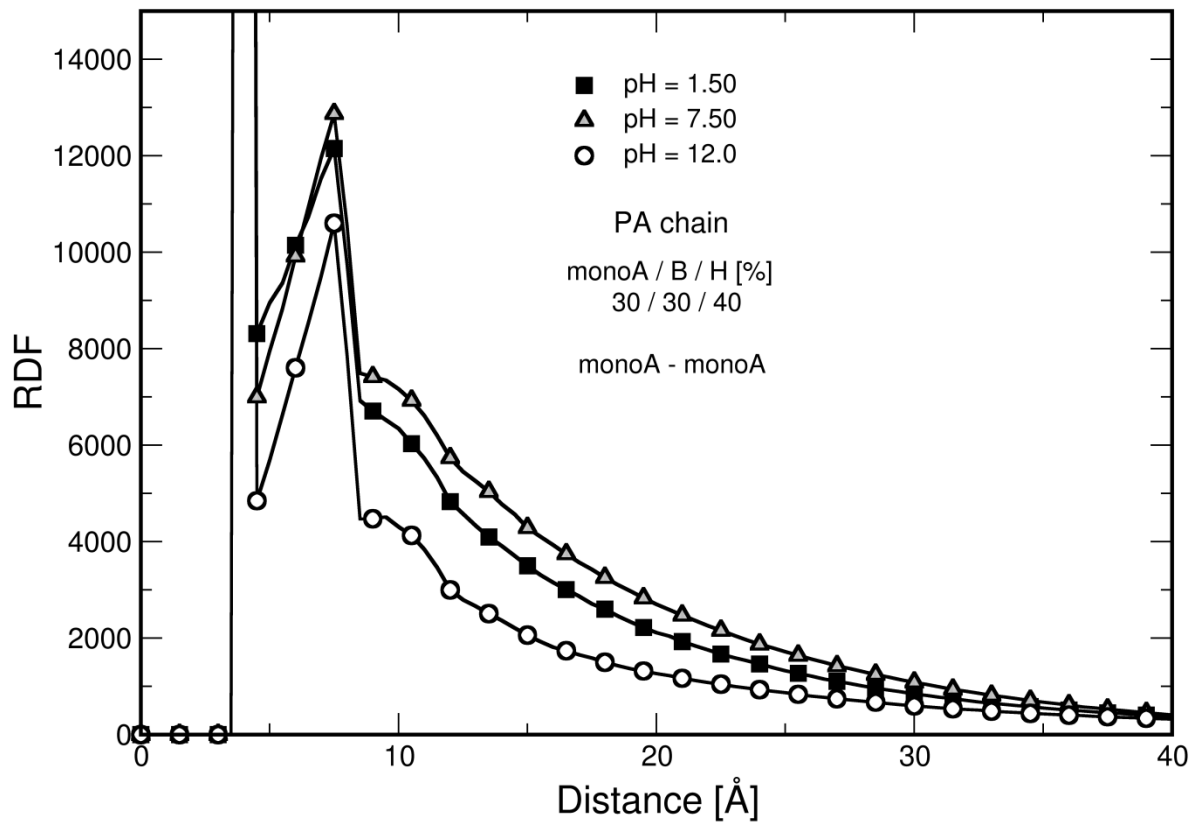
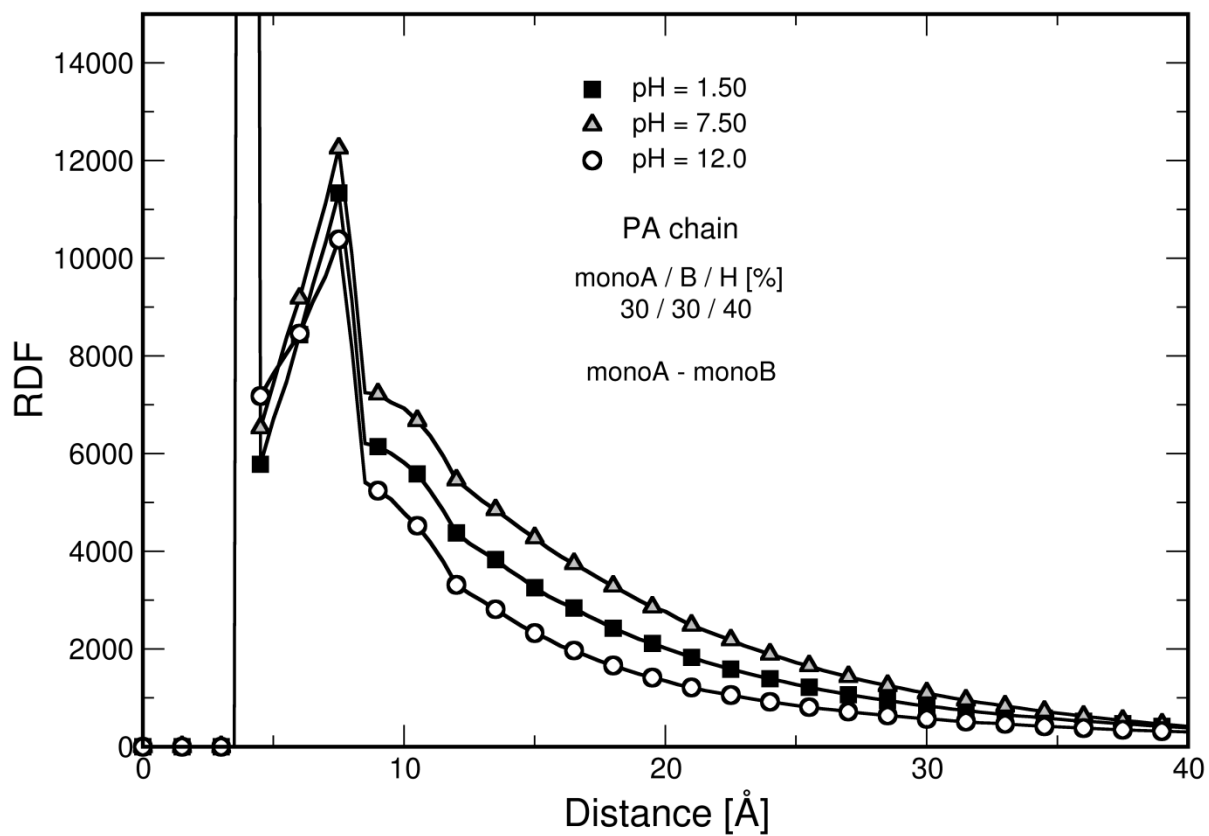


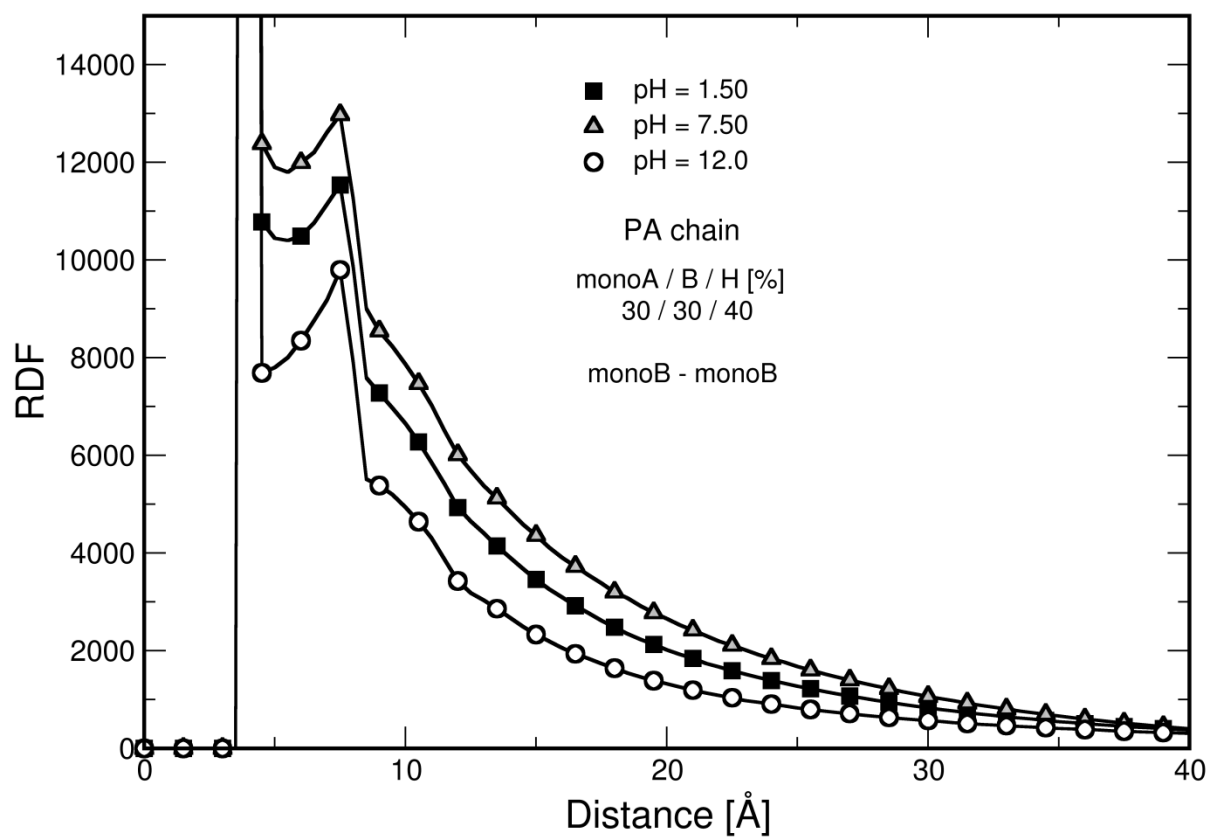
S1. Monomer – monomer Radial Distribution Function of a random polymer chain at different pH values.



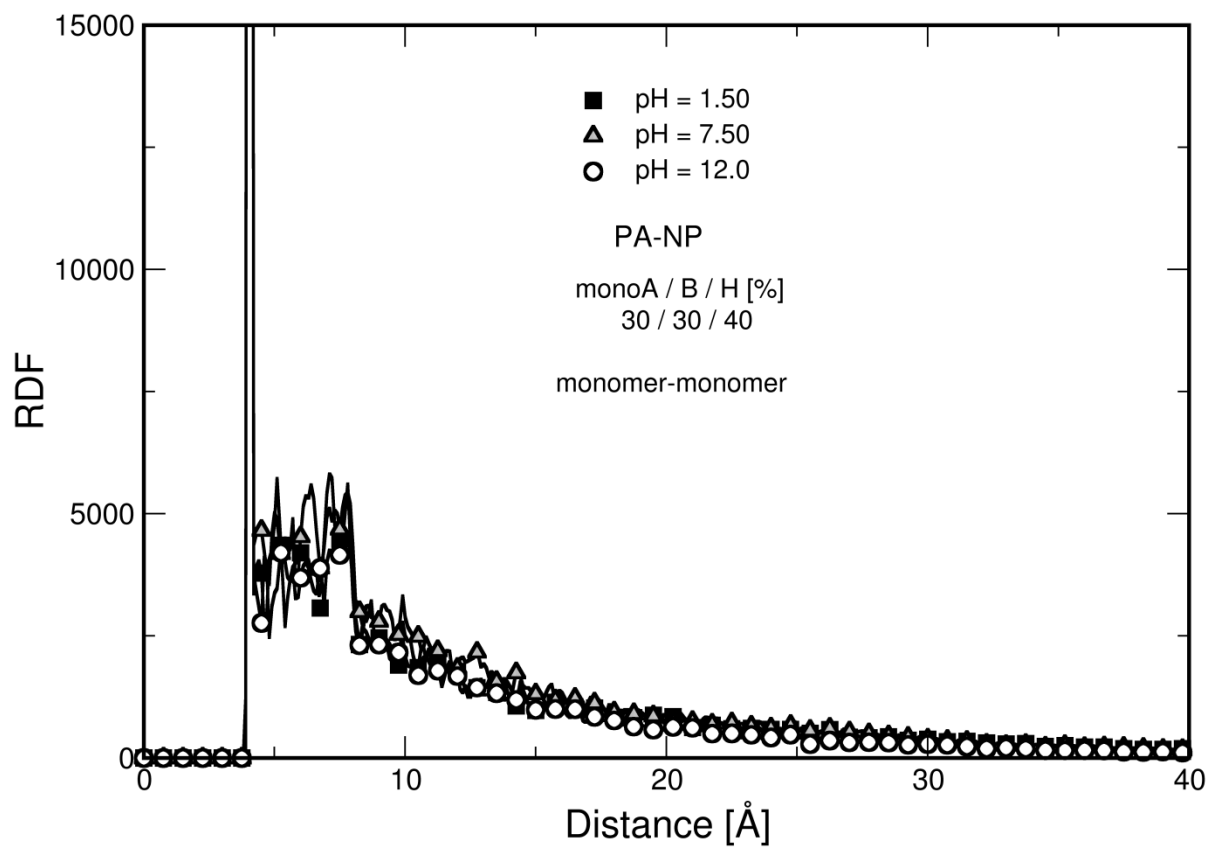
S2. Monomer A – monomer A, Radial Distribution Function of a random polymer chain at different pH values.



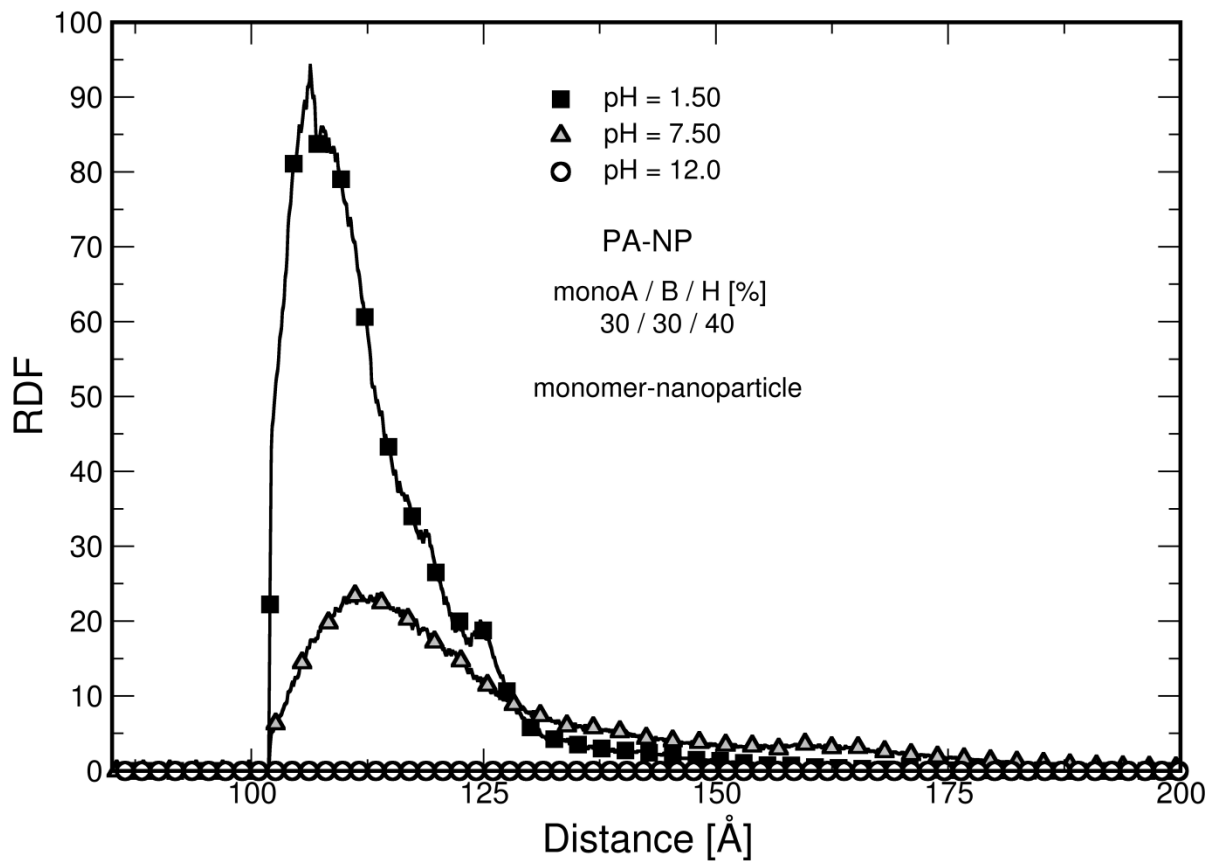
S3. Monomer A – monomer B, Radial Distribution Function of a random polymer chain at different pH values.



S4. Monomer B – monomer B, Radial Distribution Function of a random polymer chain at different pH values.



S5. Monomer – monomer, Radial Distribution Function of a random polymer chain at different pH values and in the presence of the NP.



S6. Monomer – nanoparticle, Radial Distribution Function of a random polymer chain at different pH values and in the presence of the NP.