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- Our poster is about how the IDC radionuclide analysts deal with interferences of several natural radionuclides and those induced by neutron interactions with components of the detector shielding and the detector itself with the detection, peak identification and quantification of CTBT relevant radionuclides.
- Examples of natural radionuclides include Pb-212 and its progeny (called Pb-212F), Ac-228 and Pa-234m, while neutron interactions with the detector and the shielding include Ge-75m, Cu-63, Cu-65 and Pb-206 (among others).
- Identification of CTBT relevant radionuclides that may be affected include Mn-54, Zn-65, Nb-95, Tc-99m, I-131, Cs-134 and Ba-140 (among others).
- Several examples of spectral interferences and their resolution are included.
- If you want to find out more, please come over for a chat in front of our poster.