Resetting 600MHz NMR Spectrometer

Background

This technique will allow you to correct some of the standard issues arising from when a prior user has left the spectrometer unusable for your sample.

Procedure

1. Insert your sample in the spectrometer.
2. Select the correct deuterated solvent on the Standard tab.
3. In the command line type **ResetInst** and press enter.
4. On the Lock tab press **Find Z0** and let it complete.
5. On the Lock tab press the **Gradient Shim** and let it complete.

You should see that the instrument shims to <1% rms error and there is a good lock signal.

The **ResetInst** macro will load a shim set that is stored by management and updated when needed. It will also reset standard instrument parameters back to facility standards and tune the low band channel to C13.