Instructions for Referencing when the Reference Samples is in a non-deuteraed Solvent

(1) Put in the reference sample that is in a non-deuterated solvent (ex. neat 85% H3PO4)

(2) Go to the lock tab of the BSMS and turn off both the lock and sweep. **NOTE**: Both the lock and sweep must be turned off for the experiment to work.

(3) Acquire your spectra.

(4) Calibrate the spectra based on the shift of your reference sample

(5) Type SR in the command line and write down the SR value. This value can also be found under the ProcPars tab of your experiment.

(6) Now you can remove the reference sample and put your sample into the magnet.

(7) Go to the lock tab of the BSMS and turn on both the lock and sweep.

(8) Carry out any shimming that is required and acquire your spectra.

(9) After the experiment has been completed you must enter the sr value obtained in step 5. This can be entered by going to the ProcPars tab or by simply typing sr into the command line and hitting enter.

You now have the referenced your spectra!!!