Deuterium NMR at BBO probe (NMR400)

Method I:

- (**new**): create a new file/solvent, #1
- (**rpar Ah1***): select 1H NMR file
- (**lock**): select close solvent (need some d-solvent for locking which will not affect spectrum)
- run 1H NMR (**wobb;rsh shim.current;topshim;getprosol;rga;zg;efp;apk**)
- (**new**): create a new file/solvent, #2
- change pulse program (pp) from zg30 to zg2h
- (**edasp**): f1 channel, from 1H to 2H, click default/save
- open acqupars: change au program to zg_2Hoffon
- open acqupars: change locnuc from 2H to off
- change (**p1**)=81us; (**plw1**)=3w
- change (**ns**)
- run: (**xaua**); not zg

(The pp automatically switch the 2H channel from the lock mode to the pulse mode before applying the pulse and then back to the lock mode. The au program automatically turns the lock off before pulsing and put the lock on hold, and finally turns the lock back on. If you just use zg, you will not get the lock back because locnuc is set to off.)