

Paris NMR Checklist

Justin Douglas (justindouglas@ku.edu) – KU NMR Labs v1.1 01/13/22
Sarah Neuenswander (saneuen@ku.edu)

nmrlab.ku.edu

NMR tube in spinner using depth gauge
Lift air on – make sure you can hear the air
Load sample onto magnet
Lift air off
Turn spins on once “down” light is green
Log in to workstation
Open shell
Type “topspin”
Create data set (“edc” or “new”)
Load acquisition parameters (“getprosol”)
If running a nuclei other than ^1H , such as ^{13}C , ^{19}F or ^{31}P , tune probe (“atma”)
Lock solvent (“lockdisp” and “lock”)
If lock is poor (“rsh” - Select the most recent BBFO file)
Shim Z1, Z2 – On Axis should be on (adjust lock gain if lock goes off screen)
Press “Standby”
Set receiver gain (“rga”)
Acquire spectrum (“zg”)
Process data (“ef”, “apk” and “abs n”)
Turn off lock and spins
Close topspin
Lift air on
Remove sample from magnet
Lift air off
Log out of workstation