

Commands for routine experiment on TOPSPIN 2 (1504R, 1510, 5313L, VSR)

Command	Options	Action
ej/ij	To start the lift: ej To stop the lift: ij Can also be done with the physical BSMS panel: To start the lift, press upper left button (green light on) To stop the lift, re-press the same button (green light off) ! Before starting the lift, remove the black cap on the magnet!	Insert and eject the sample
new	"NAME" name of the experiment set "EXPNO" 1 "PROCNO" 1 (always put one) "DIR" /opt "USER" GASPAR username "Solvent" Select the solvent in the list "Experiment Dirs." /opt/topspin/exp/stan/nmr/par/user "Experiment" Choose the method in the list	Generate a new experiment
getprosol		Read pulse parameters
lock	Select the solvent in the list	Lock the sample
atma		Tune and Match the probe
rsh	Choose the most recent file with the name "LS_1H_xx.xx.xxxx " and "read"	Read reference shim file
topshim		Shim automatically
ns	Choose 1 or a multiple of 8	Define the number of scans
rga		Set the receiver gain
zg		Start the acquisition
efp		Fourier transform
apk		Correct phase

More useful commands...

Command	Action
edc	Create a new dataset or a second experiment in the same dataset Tick "Use current parameters" to keep the parameters of the dataset
rpar ref*	Choose new method in the list (atma needed if observed/decoupled nucleus is changed)
tr	Save the FID during an experiment (you need to do "efp" to check the spectrum) ! It is automatically overwrite at the end of the experiment by the final FID!
halt	Stop the experiment and save the FID ! If you use the command "stop", your data will be lost!
xfb	Fourier transform for 2D data
expt	Give the duration of the experiment