DCIF NMR Training Summary
600 MHz
Bruker DRX "B600"

last edit 20071101

TOPSPIN COMMANDS

Instrument Setup

1.	Create dataset	**edc** or **new**
2.	Turn on eject gas	**ej**
3.	Insert sample and turn off eject gas	**ij**
4.	Turn spin gas on at 20 Hz	**ro on**
5.	Set temperature	**edte**
6.	Open lock display	**lockdisp**
7.	Load bestshim file	**rsh best**
8.	Turn lock on	**lock** & choose solvent
9.	Open BSMS display	**bsmsdisp**
10.	Shim sample in BSMS then close BSMS	
11.	Gradient Shimming	**gradshim**

Experiment Setup and Acquisition

12.	Load parameter set *(if not loaded in edc window)*	**rpar**
13.	Load prosol parameters (p1, pl1, etc)	**getprosol**
14.	Adjust parameters (ns, sw, d1, etc)	**ased**
15.	Set solvent	**solvent**
16.	Setup console	**ii**
17.	Check tuning	**wobb**
18.	Set receiver gain	**rga** or **rgacryo**
19.	Start experiment	**zg**
20.	Transfer acquired FIDs	**tr**

Data Processing

21.	Fourier Transform	**ft**
22.	Autophase spectra	**apk**
23.	Stop experiment and save data	**halt**
24.	Invoke exponential function, FT and phasing	**efp**
25.	Baseline correction	**abs**
26.	Start calibration menu	**cal**
27.	Start peak picking menu	**pp**
28.	Start integration menu	**int**
29.	Print	
	a. print active screen	**prnt**
	b. open plot editor	**plot**

Misc

• Increment the experiment number	**iexpno**
• Read dataset	**re <expno> <procno>**
• Run sequential experiments	**multizg**
• Resume acquisition and add to dataset	**go**

When Finished

30.	Turn lock off	**lock off**
31.	Turn spin off	**ro off**
32.	Eject sample	**ej**
33.	Turn off eject gas	**ij**
34.	Exit program	**exit**
35.	Log off computer	Right click desktop choose **[Logout]**
36.	Sign log book	