

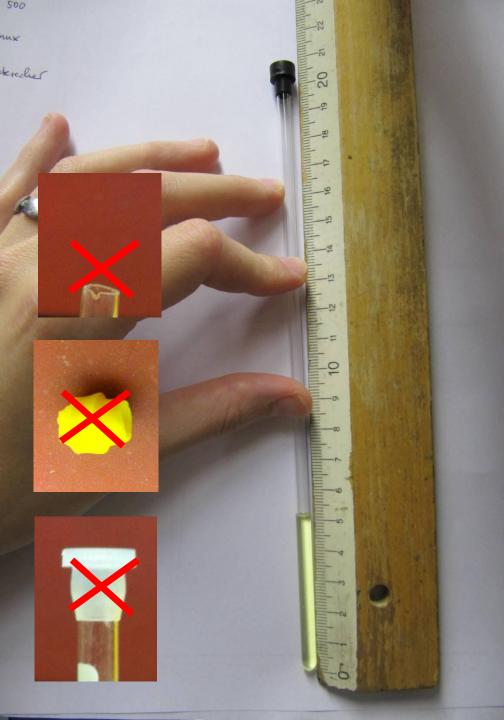
The 300 MHz

Spectrometer

"NMR-Praktikum"

M. John

February 2012



Sample

Standard NMR tubes only

Diameter:	5 mm
Length:	18 - 24 cm
_	(7 - 9 inch)

No broken tubes and caps Cap must sit firmly on tube

Minimum Filling height: 4 cm

Deuterated solvents only

Homogenous solutions only (no solids, no bubbles, no two-phase mixtures)



Label

Colour code

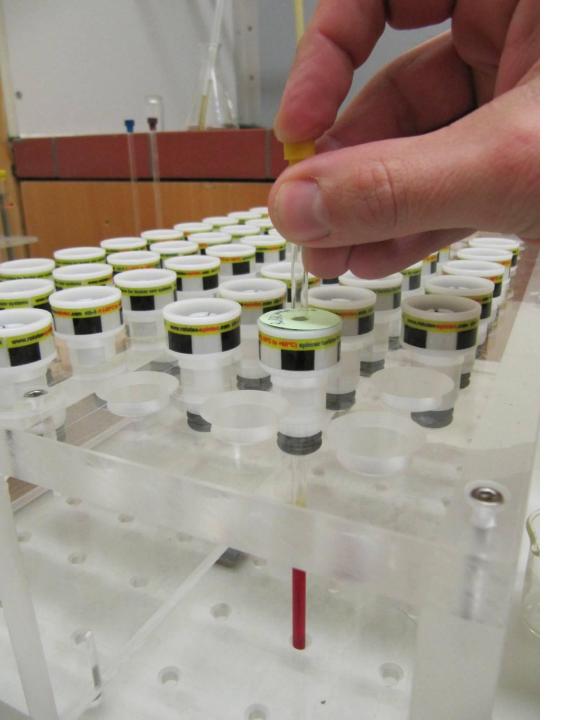
Name

Personal sample number

Date

Usel paper label only once

Any unlabelled, damaged or wrong tubes will be removed and discharged without further notice!



Spinner

Clean sample

Push sample all the way down in the spinner rack

Label must lie flat and firmly on the spinner

Avoid touching the spinner

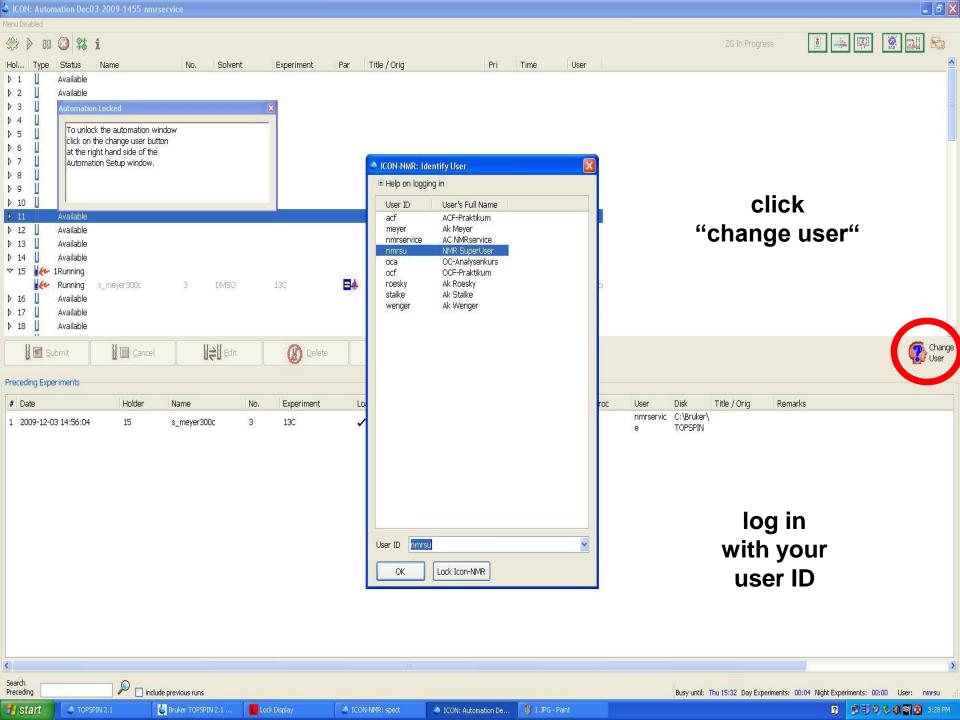


Autosampler

Clean tube again!

Use next free holder (usually on the left side close to magnet)

Inner circle: holder 1 - 60 Outer circle: holder 61- 120



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if needed add further experiment for same sample

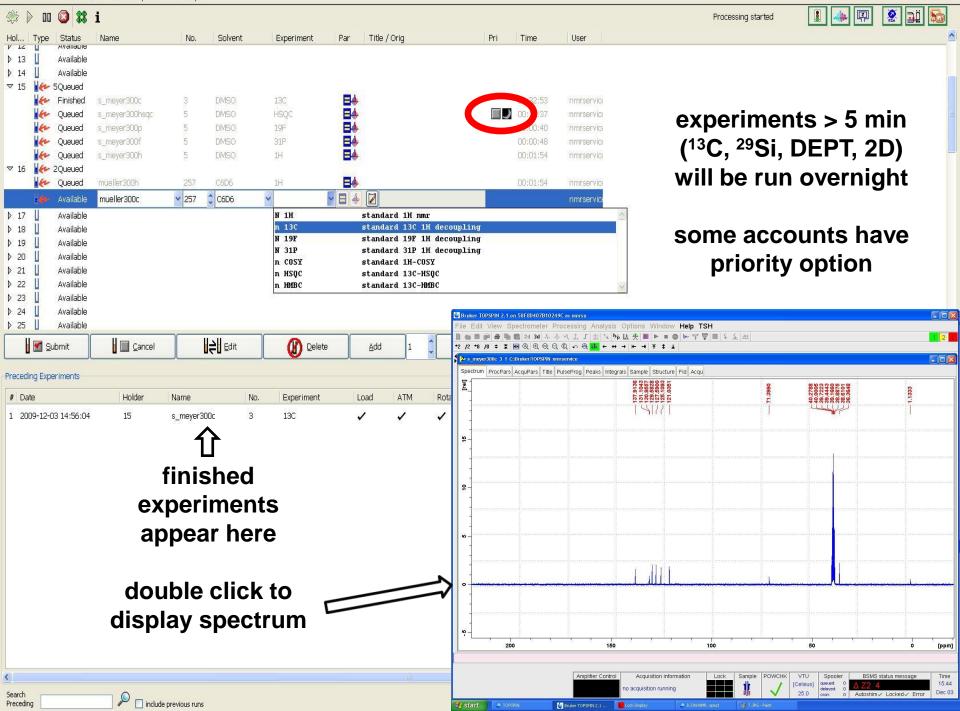
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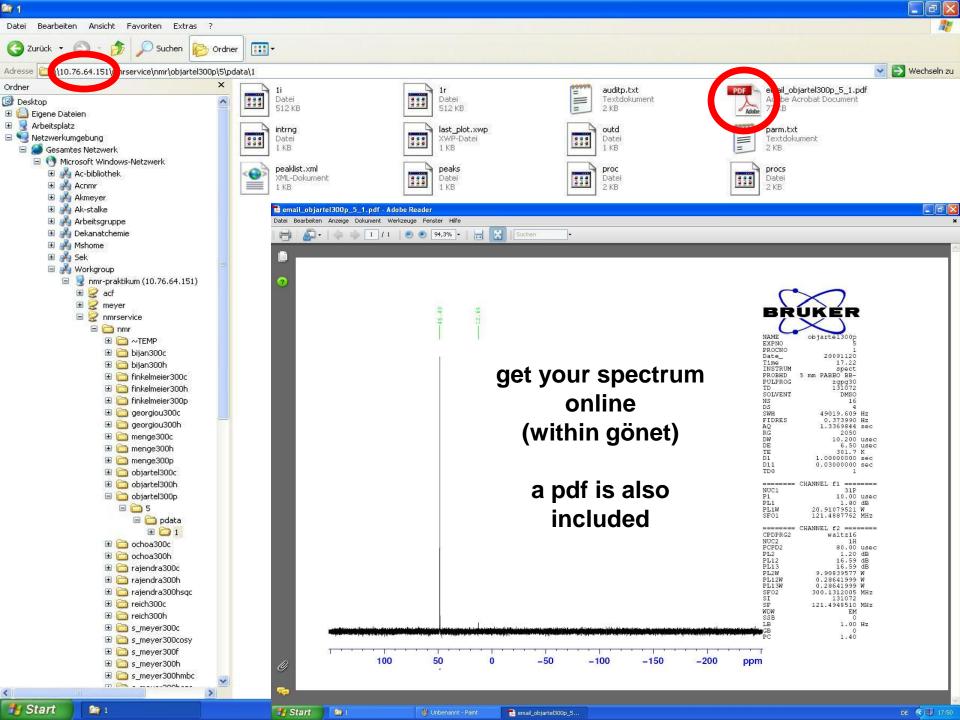


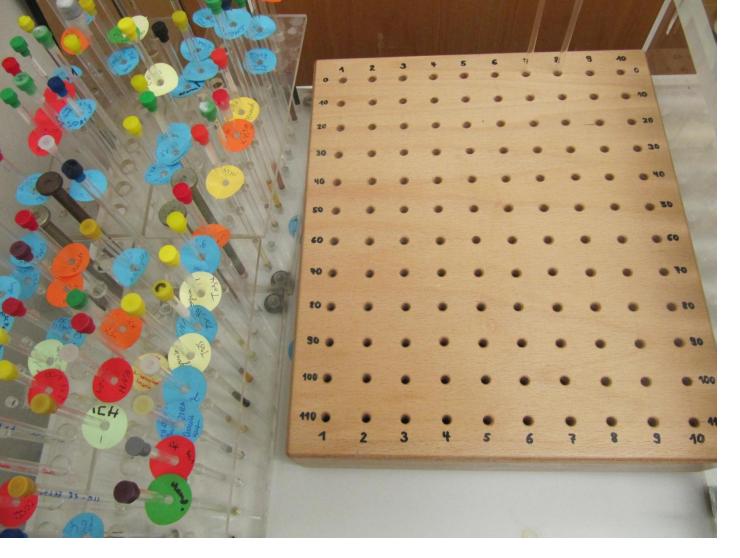
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Pick up

finished samples will be placed in timber pick up rack under holder no. (early morning)

Samples not picked up will end up in the storage rack on the left

Have fun!