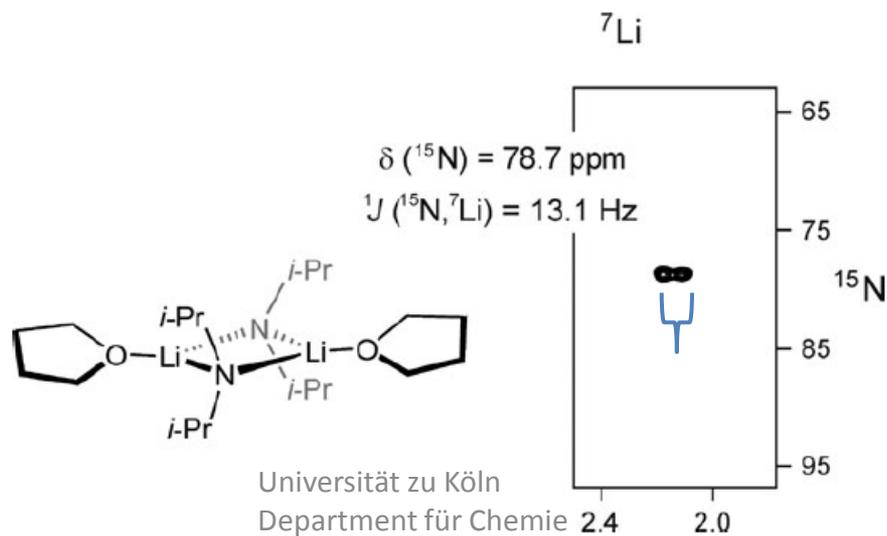


Lithium-NMR

Isotope	Natural Abundance (%)	Nuclear Spin (I)	Magnetogyric ratio ($10^7 \cdot \text{rad/T} \cdot \text{s}$)	Quadrupole moment ($10^{28} \cdot \text{Q/m}^2$)	Resonance frequency (MHz) at 11.744T (500 MHz for ^1H)	Relative sensitivity ($^1\text{H}=1.00$)	Absolute sensitivity ($^1\text{H}=1.00$)
^6Li	7.42	1	3.9371	$-8 \cdot 10^{-4}$	73.578	$8.5 \cdot 10^{-3}$	$6.31 \cdot 10^{-4}$
^7Li	92.58	3/2	10.3976	$-4 \cdot 10^{-2}$	194.317	0.29	0.27

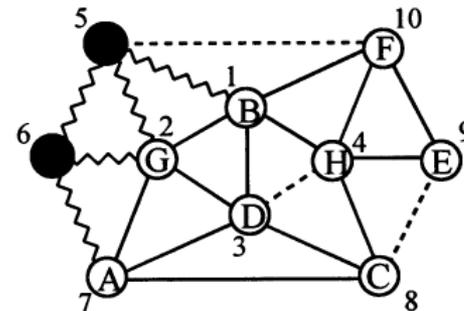
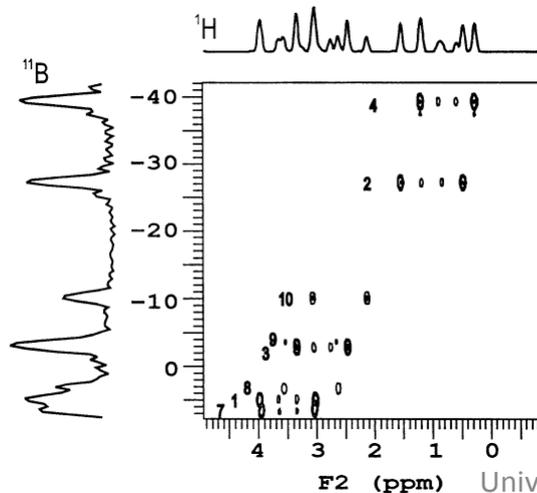
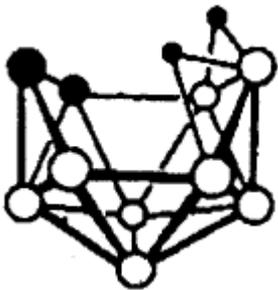
Quelle: Bruker



Bor-NMR

Isotope	Natural Abundance (%)	Nuclear Spin (I)	Magnetogyric ratio ($10^7 \cdot \text{rad/T} \cdot \text{s}$)	Quadrupole moment ($10^{28} \cdot \text{Q/m}^2$)	Resonance frequency (MHz) at 11.744T (500 MHz for ^1H)	Relative sensitivity ($^1\text{H}=1.00$)	Absolute sensitivity ($^1\text{H}=1.00$)
^{10}B	19.58	3	2.875	$8.5 \cdot 10^{-2}$	53.732	$1.99 \cdot 10^{-2}$	$3.93 \cdot 10^{-3}$
^{11}B	80.42	3/2	8.584	$4.1 \cdot 10^{-2}$	160.419	0.17	0.13

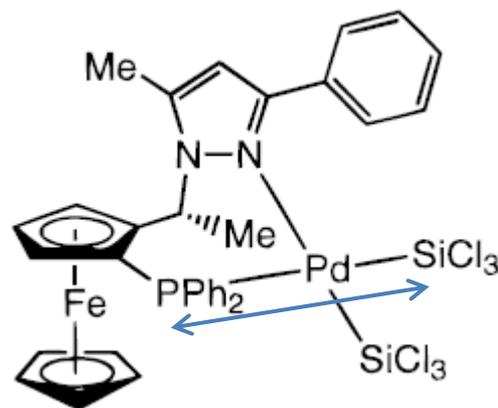
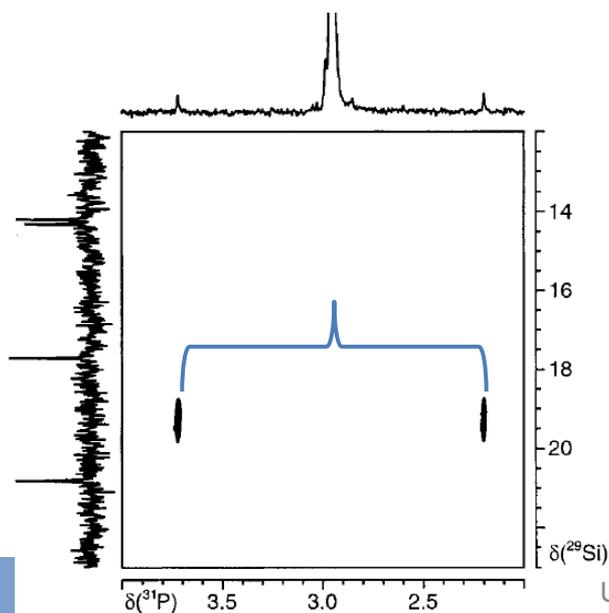
Quelle: Bruker



Silicium-NMR

Isotope	Natural Abundance (%)	Nuclear Spin (I)	Magnetogyric ratio ($10^7 \cdot \text{rad/T} \cdot \text{s}$)	Quadrupole moment ($10^{28} \cdot \text{Q/m}^2$)	Resonance frequency (MHz) at 11.744T (500 MHz for ^1H)	Relative sensitivity ($^1\text{H}=1.00$)	Absolute sensitivity ($^1\text{H}=1.00$)
^{29}Si	4.7	1/2	-5.3188	0	99.325	$7.84 \cdot 10^{-3}$	$3.69 \cdot 10^{-4}$

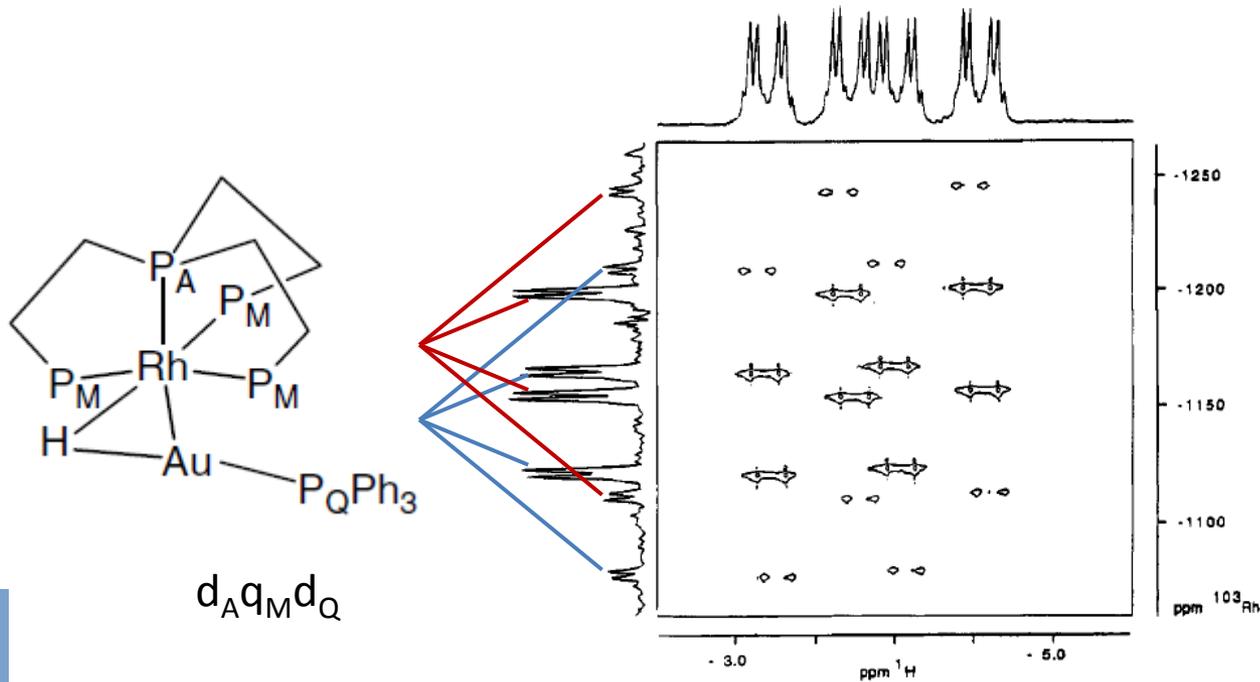
Quelle: Bruker



Rhodium-NMR

Isotope	Natural Abundance (%)	Nuclear Spin (I)	Magnetogyric ratio ($10^7 \cdot \text{rad/T} \cdot \text{s}$)	Quadruple moment ($10^{28} \cdot \text{Q/m}^2$)	Resonance frequency (MHz) at 11.744T (500 MHz for protons)	Relative sensitivity ($^1\text{H}=1.00$)	Absolute sensitivity ($^1\text{H}=1.00$)
^{103}Rh	100	1/2	-0.846	0	15.737	$3.11 \cdot 10^{-5}$	$3.11 \cdot 10^{-5}$

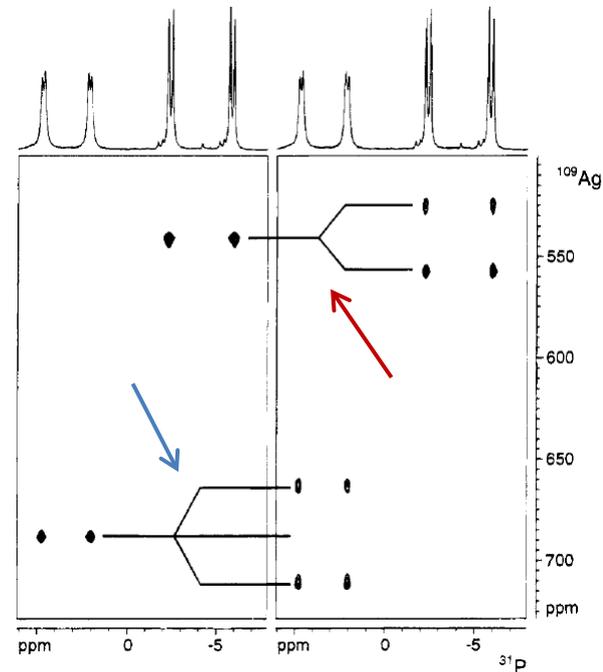
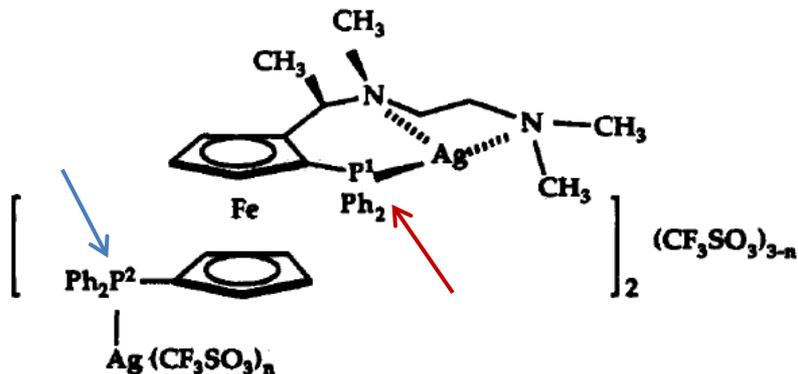
Quelle: Bruker



Silber-NMR

Isotope	Natural Abundance (%)	Nuclear Spin (I)	Magnetogyric ratio ($10^7 \cdot \text{rad/T} \cdot \text{s}$)	Quadruple moment ($10^{28} \cdot \text{Q/m}^2$)	Resonance frequency (MHz) at 11.744T (500 MHz for protons)	Relative sensitivity ($^1\text{H}=1.00$)	Absolute sensitivity ($^1\text{H}=1.00$)
^{107}Ag	51.82	1/2	-1.087	0	20.233	$6.62 \cdot 10^{-5}$	$3.43 \cdot 10^{-5}$
^{109}Ag	48.18	1/2	-1.25	0	23.260	$1.01 \cdot 10^{-4}$	$4.86 \cdot 10^{-5}$

Quelle: Bruker



Platin-NMR

Isotope	Natural Abundance (%)	Nuclear Spin (I)	Magnetogyric ratio ($10^7 \cdot \text{rad/T} \cdot \text{s}$)	Quadruple moment ($10^{28} \cdot \text{Q/m}^2$)	Resonance frequency (MHz) at 11.744T (500 MHz for protons)	Relative sensitivity ($^1\text{H}=1.00$)	Absolute sensitivity ($^1\text{H}=1.00$)
^{195}Pt	33.7	1/2	5.768	0	107.495	$9.94 \cdot 10^{-3}$	$3.36 \cdot 10^{-3}$

Quelle: Bruker

