

Mass Spectrometry

GC-MS1	GC MS	: Hewlett Packard HP 6890 Plus (HP 7683 PTV Injector, LCO ₂ Cryo-Cooling) : Hewlett Packard HP 5973 EI/CI MSD
GC-MS2	GC MS	: Agilent 6890N (PTV Injector, LCO ₂ Cryo-Cooling) : Agilent 5975B inert XL EI/CI MSD
TDS/MPS-GC-MS	TDS MPS GC MS	: Gerstel Thermal Desorption System (TDS A2 / TDS 3 / CIS 4 with LN ₂ Cryo-Cooling) : Gerstel Multi Purpose Sampler (MPS2 for Liquid, Head Space, SPME, Twister / PTV with LCO ₂ Cryo-Cooling) : Agilent 6890N : Agilent 5975B inert XL EI/CI MSD
LC-MS/MS	LC MS Source	: Hewlett Packard HP 1050 Series : Finnigan MAT TSQ7000 LC-MS/MS (Triple Quadrupole Analyser) : ESI, APCI
LC-MS/MS	LC MS Source	: Agilent 1100 Series : Applied Biosystems / MDS Sciex QTrap™ LC-MS/MS (Triple Quadrupole / Q3 Linear Ion Trap Analyser) : ESI, NanoSpray, APCI

Gas Chromatography

GC-AED	GC AED	: Agilent-JAS 6890N (PTV Injector, LCO ₂ Cryo-Cooling) : JAS G2350A Atomic Emission Detector
GC-PFPD/FID	GC PFPD FID	: Agilent 6890N (Gerstel CIS 4 PTV Injector, LCO ₂ Cryo-Cooling) : OI Analytical Model 5380 Pulsed Flame Photometric Detector (28 Elements, Dual Gate Capability) : Agilent 6890 FID
GC-NPD/FID	GC NPD FID	: Agilent 6890N (PTV Injector, Septumless Head, LCO ₂ Cryo-Cooling) : Agilent 6890 NPD : Agilent 6890 FID

Liquid Chromatography

LC-DAD	Agilent 1100 Series	- G1312A Binary Pump / G1379A Micro Vacuum Degasser - G1313A Autosampler / G1316A Column Compartment - G1315B Diode Array Detector (semi-micro Flow Cell)
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NMR Spectroscopy

NMR	Bruker AVANCE-II	- QNP Cryoprobe - Nuclei : ¹ H, ¹³ C, ¹⁹ F, ³¹ P - Field : 11.7 Tesla (500MHz)
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