

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
 Data File : BP024309.D
 Acq On : 16 Apr 2025 13:07
 Operator : RC/JU
 Sample : PB167564BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167564BL

Quant Time: Apr 16 13:27:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	270242	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	1066353	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	644577	20.000	ng	0.00
64) Phenanthrene-d10	17.174	188	1213246	20.000	ng	0.00
76) Chrysene-d12	21.627	240	1175360	20.000	ng	0.00
86) Perylene-d12	24.992	264	1338097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2259867	138.268	ng	0.00
7) Phenol-d6	6.910	99	2790942	124.709	ng	0.00
23) Nitrobenzene-d5	8.875	82	1691131	90.430	ng	0.00
42) 2,4,6-Tribromophenol	15.874	330	1145111	128.404	ng	-0.02
45) 2-Fluorobiphenyl	12.969	172	3789237	90.008	ng	-0.01
79) Terphenyl-d14	19.898	244	5385127	92.350	ng	-0.02

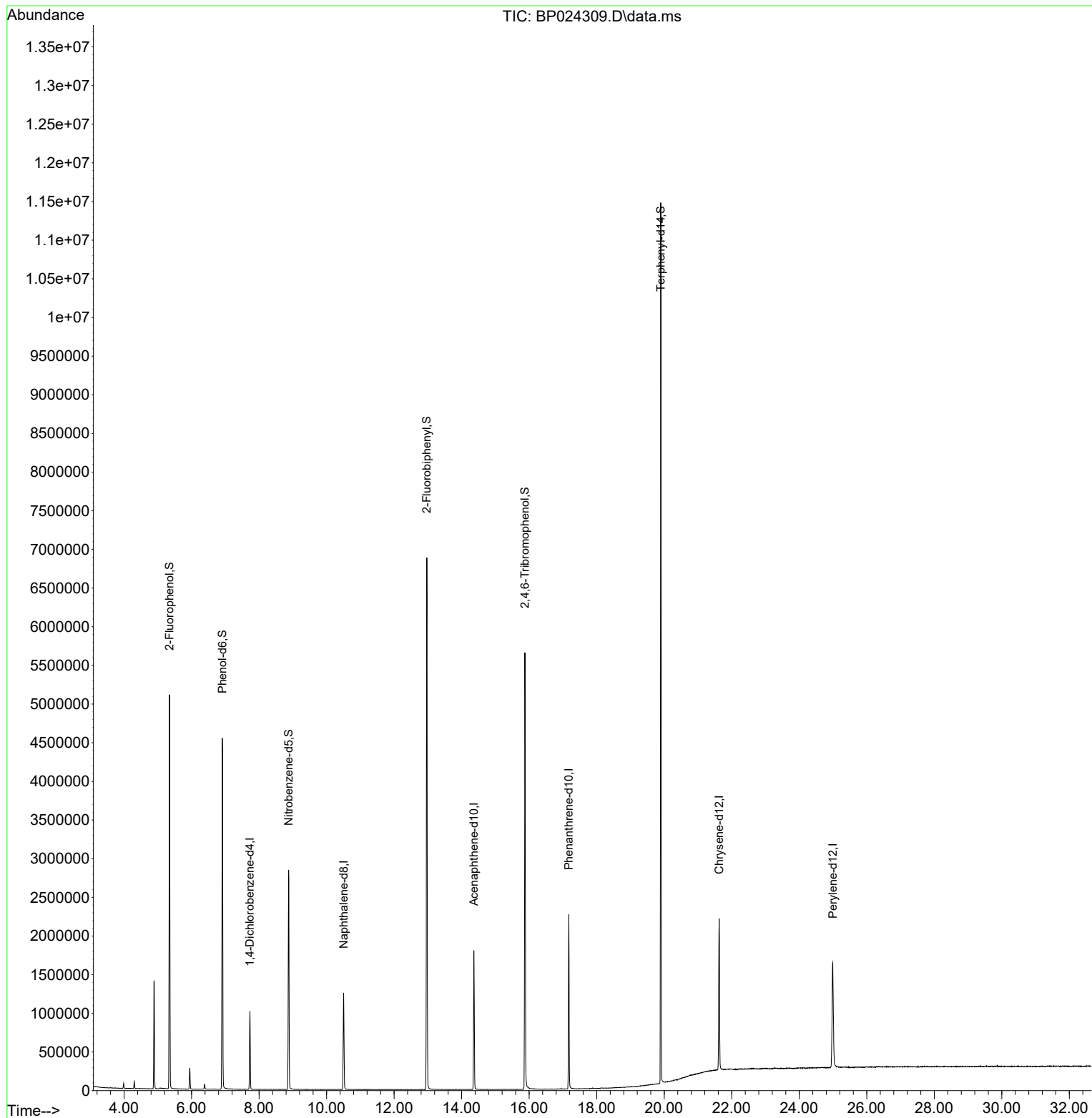
Target Compounds	Qvalue

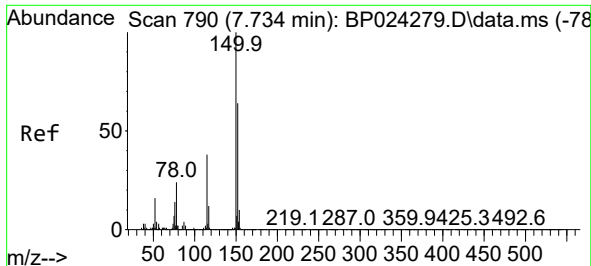
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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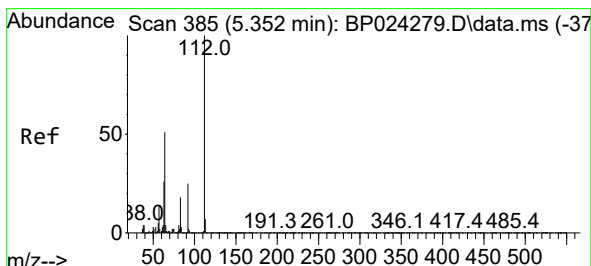
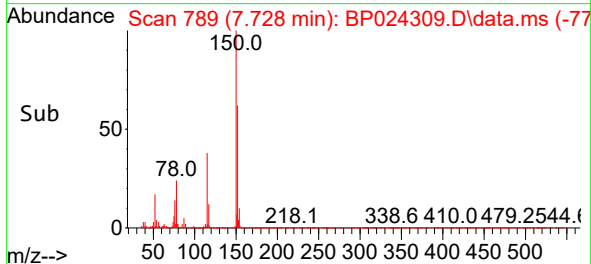
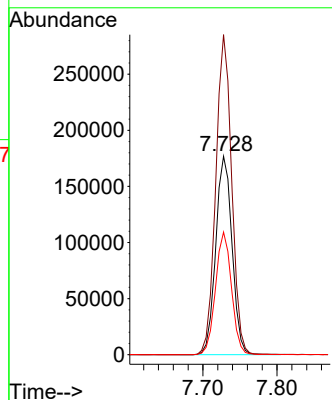
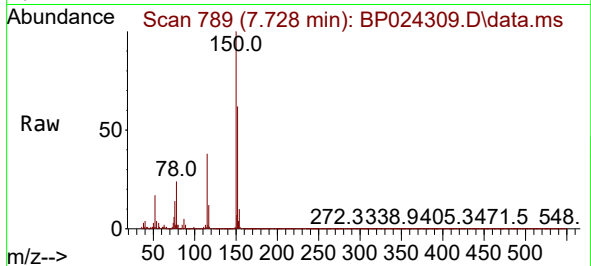




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024309.D
Acq: 16 Apr 2025 13:07

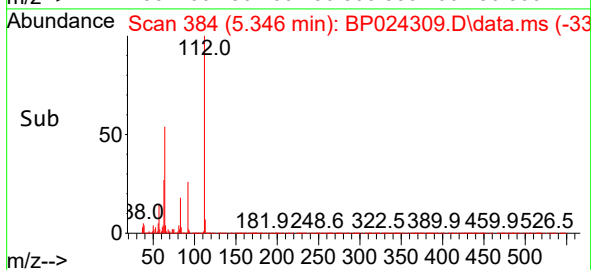
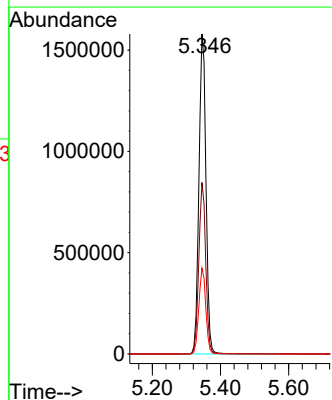
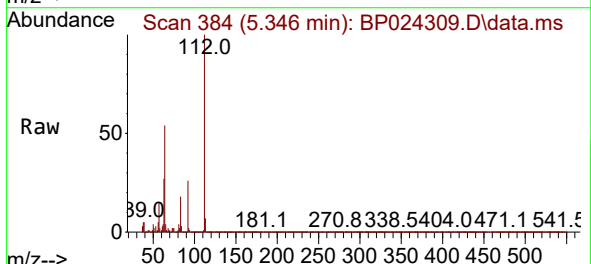
Instrument :
BNA_P
ClientSampleId :
PB167564BL

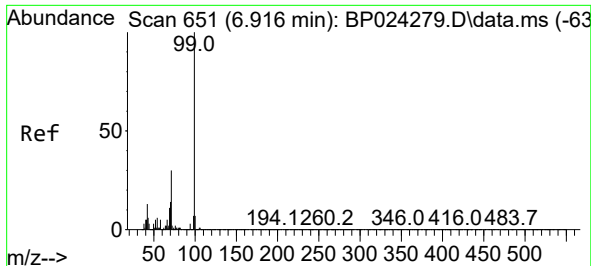
Tgt Ion:152 Resp: 270242
Ion Ratio Lower Upper
152 100
150 161.3 124.9 187.3
115 61.8 47.7 71.5



#5
2-Fluorophenol
Concen: 138.268 ng
RT: 5.346 min Scan# 384
Delta R.T. -0.006 min
Lab File: BP024309.D
Acq: 16 Apr 2025 13:07

Tgt Ion:112 Resp: 2259867
Ion Ratio Lower Upper
112 100
64 53.6 41.1 61.7
63 26.8 20.6 30.8

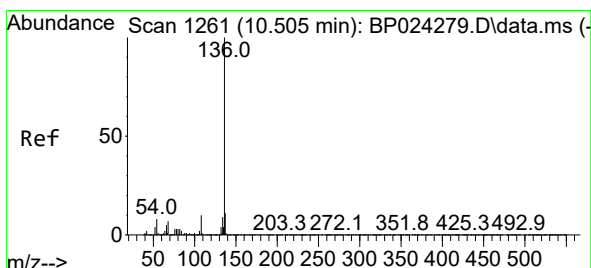
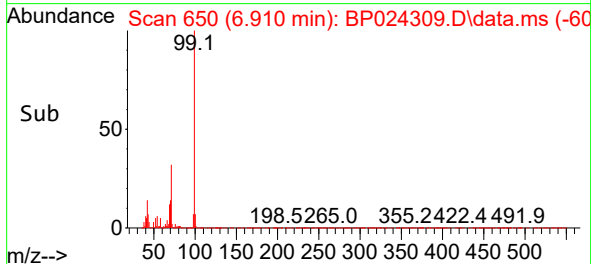
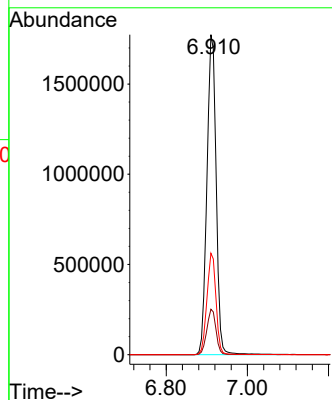
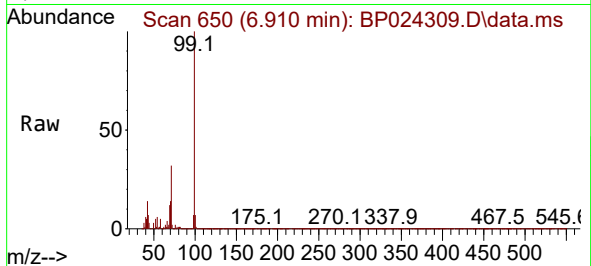




#7
Phenol-d6
Concen: 124.709 ng
RT: 6.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024309.D
Acq: 16 Apr 2025 13:07

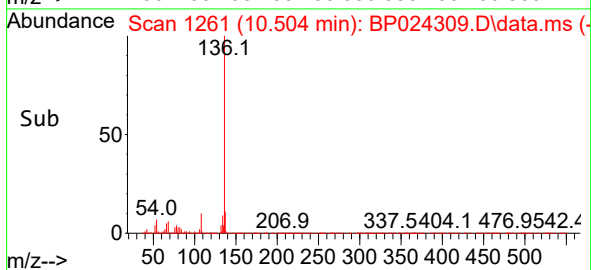
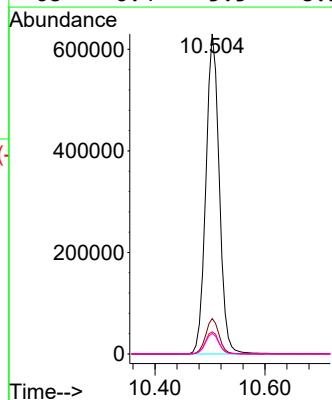
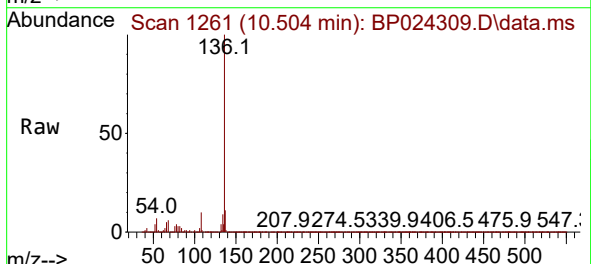
Instrument :
BNA_P
ClientSampleId :
PB167564BL

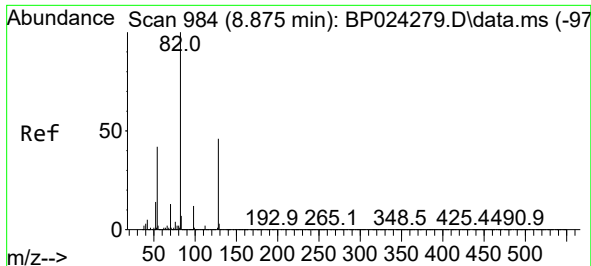
Tgt Ion: 99 Resp: 2790942
Ion Ratio Lower Upper
99 100
42 14.2 10.6 16.0
71 31.7 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BP024309.D
Acq: 16 Apr 2025 13:07

Tgt Ion: 136 Resp: 1066353
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 6.9 6.0 9.0
68 6.4 5.5 8.3

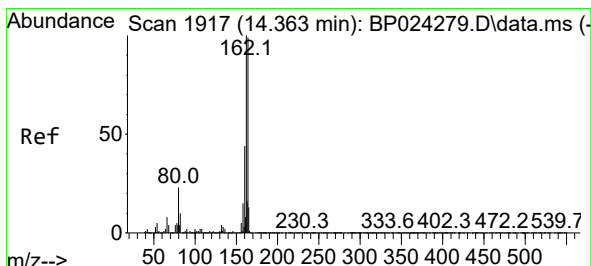
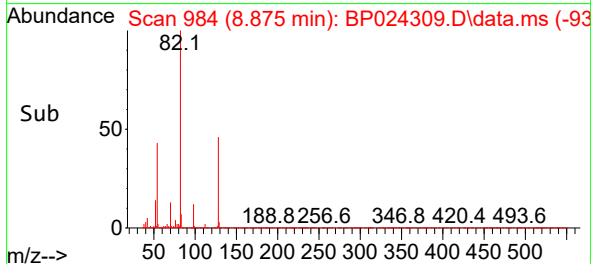
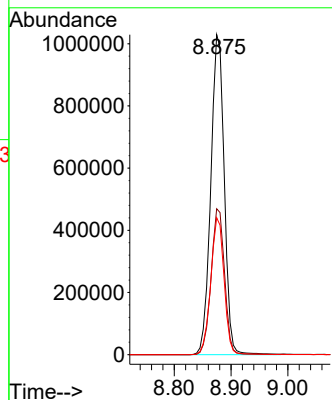
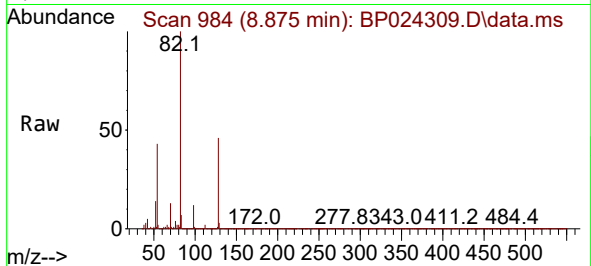




#23
Nitrobenzene-d5
Concen: 90.430 ng
RT: 8.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP024309.D
Acq: 16 Apr 2025 13:07

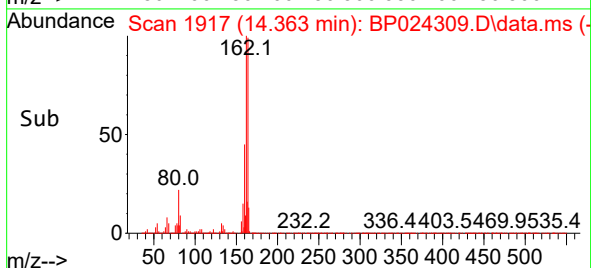
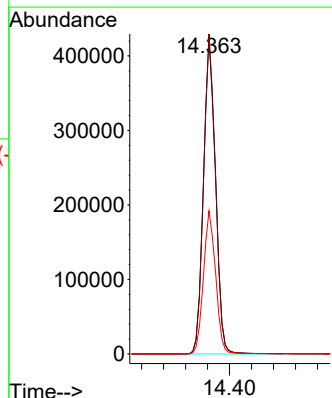
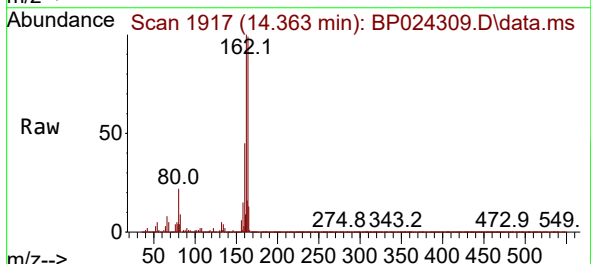
Instrument :
BNA_P
ClientSampleId :
PB167564BL

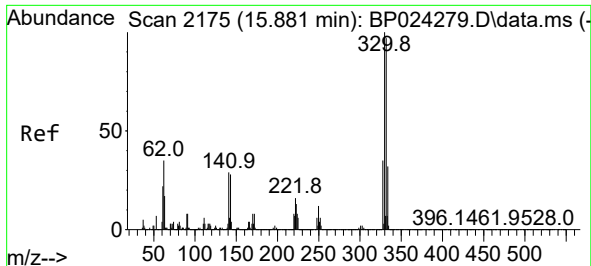
Tgt Ion: 82 Resp: 1691131
Ion Ratio Lower Upper
82 100
128 45.6 36.5 54.7
54 42.8 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP024309.D
Acq: 16 Apr 2025 13:07

Tgt Ion: 164 Resp: 644577
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 45.2 35.3 52.9

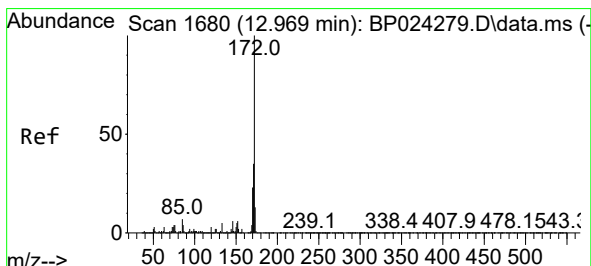
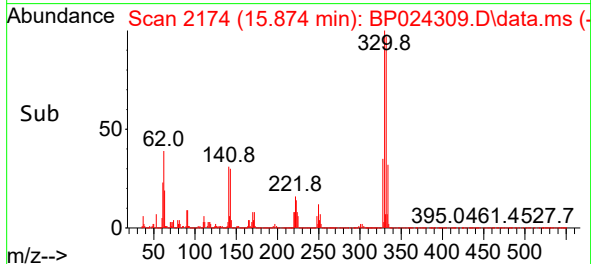
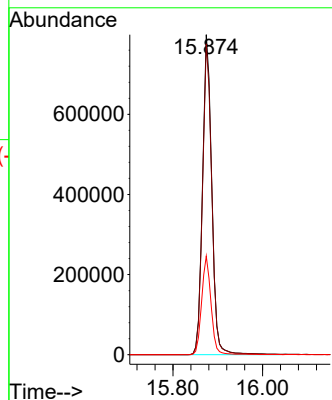
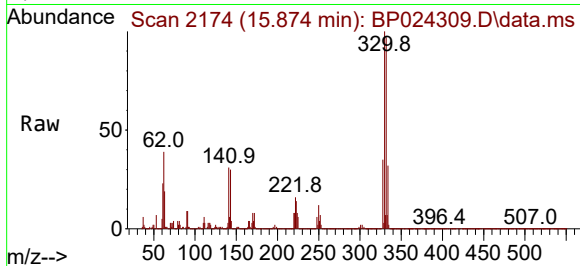




#42
2,4,6-Tribromophenol
Concen: 128.404 ng
RT: 15.874 min Scan# 2174
Delta R.T. -0.018 min
Lab File: BP024309.D
Acq: 16 Apr 2025 13:07

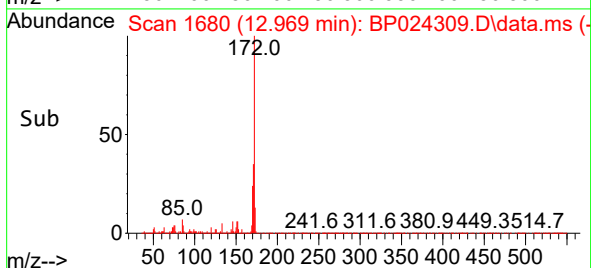
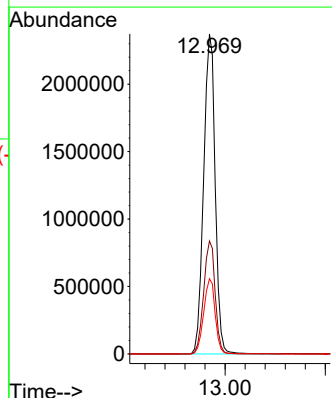
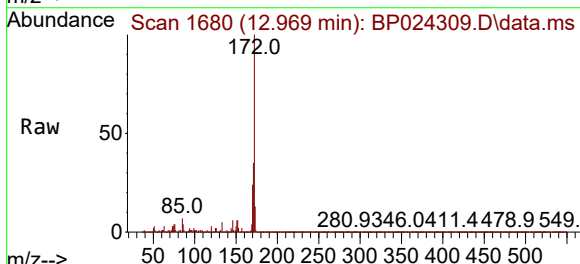
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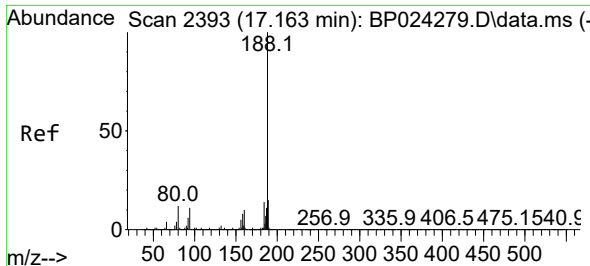
Tgt Ion:330 Resp: 1145111
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 31.2 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 90.008 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP024309.D
Acq: 16 Apr 2025 13:07

Tgt Ion:172 Resp: 3789237
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.5 18.6 27.8

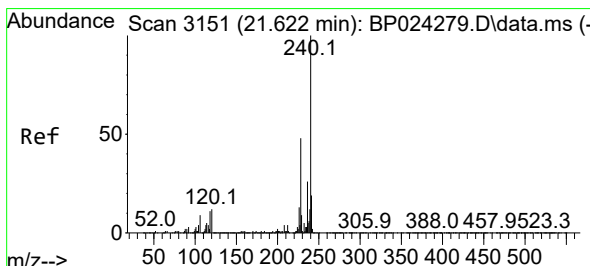
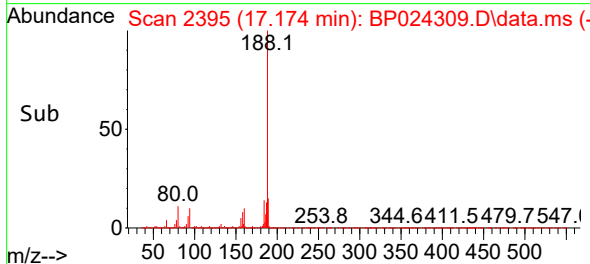
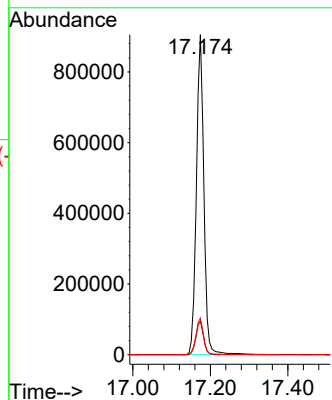
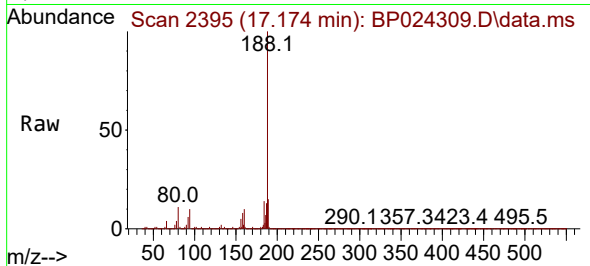




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024309.D
Acq: 16 Apr 2025 13:07

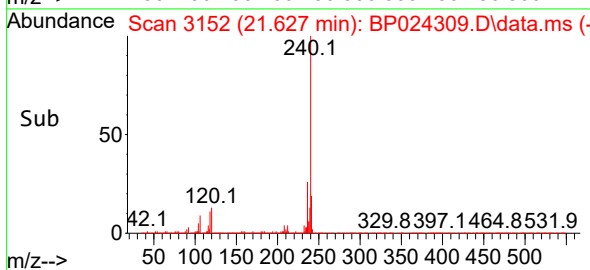
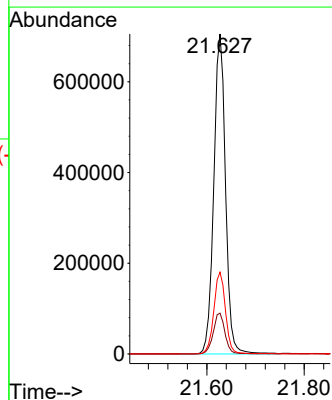
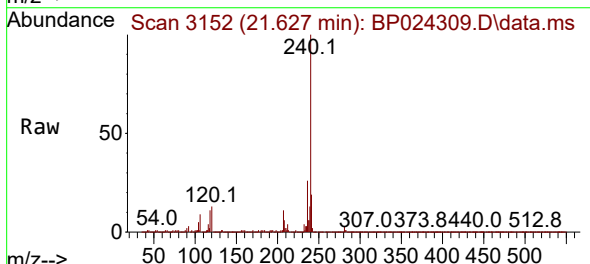
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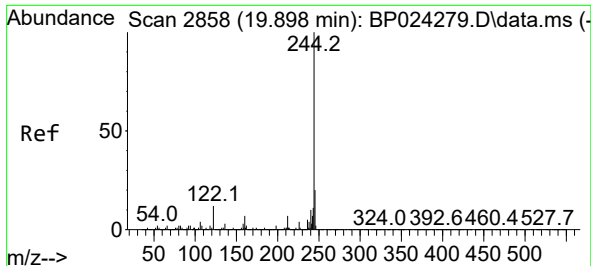
Tgt Ion:188 Resp: 1213246
Ion Ratio Lower Upper
188 100
94 10.5 8.6 13.0
80 11.5 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.627 min Scan# 3152
Delta R.T. 0.006 min
Lab File: BP024309.D
Acq: 16 Apr 2025 13:07

Tgt Ion:240 Resp: 1175360
Ion Ratio Lower Upper
240 100
120 12.7 9.8 14.8
236 25.5 20.9 31.3

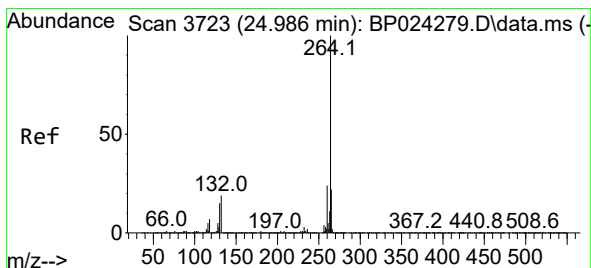
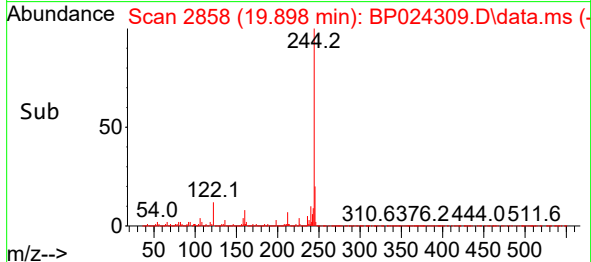
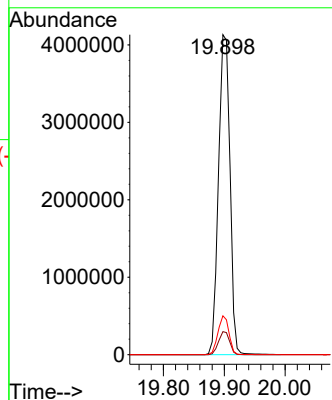
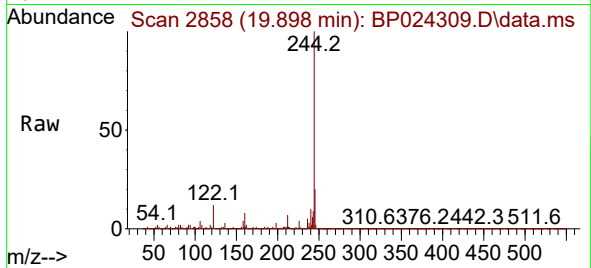




#79
 Terphenyl-d14
 Concen: 92.350 ng
 RT: 19.898 min Scan# 2858
 Delta R.T. -0.024 min
 Lab File: BP024309.D
 Acq: 16 Apr 2025 13:07

Instrument :
 BNA_P
 ClientSampleId :
 PB167564BL

Tgt Ion:244 Resp: 5385127
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 12.1 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.992 min Scan# 3724
 Delta R.T. 0.006 min
 Lab File: BP024309.D
 Acq: 16 Apr 2025 13:07

Tgt Ion:264 Resp: 1338097
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 22.0 17.8 26.6

