

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050209.D
 Acq On : 06 Jun 2025 11:27
 Operator : RC/JU
 Sample : Q2177-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-187-SB01

Quant Time: Jun 06 12:11:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 16:20:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	304642	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1159115	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	659350	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1216071	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1157737	20.000	ng	0.00
86) Perylene-d12	24.368	264	1244732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2178864	119.309	ng	0.00
7) Phenol-d6	6.951	99	2491728	103.646	ng	0.00
23) Nitrobenzene-d5	8.934	82	1787618	80.208	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	943327	125.783	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3806562	78.161	ng	-0.01
79) Terphenyl-d14	19.780	244	4737529	77.545	ng	0.00

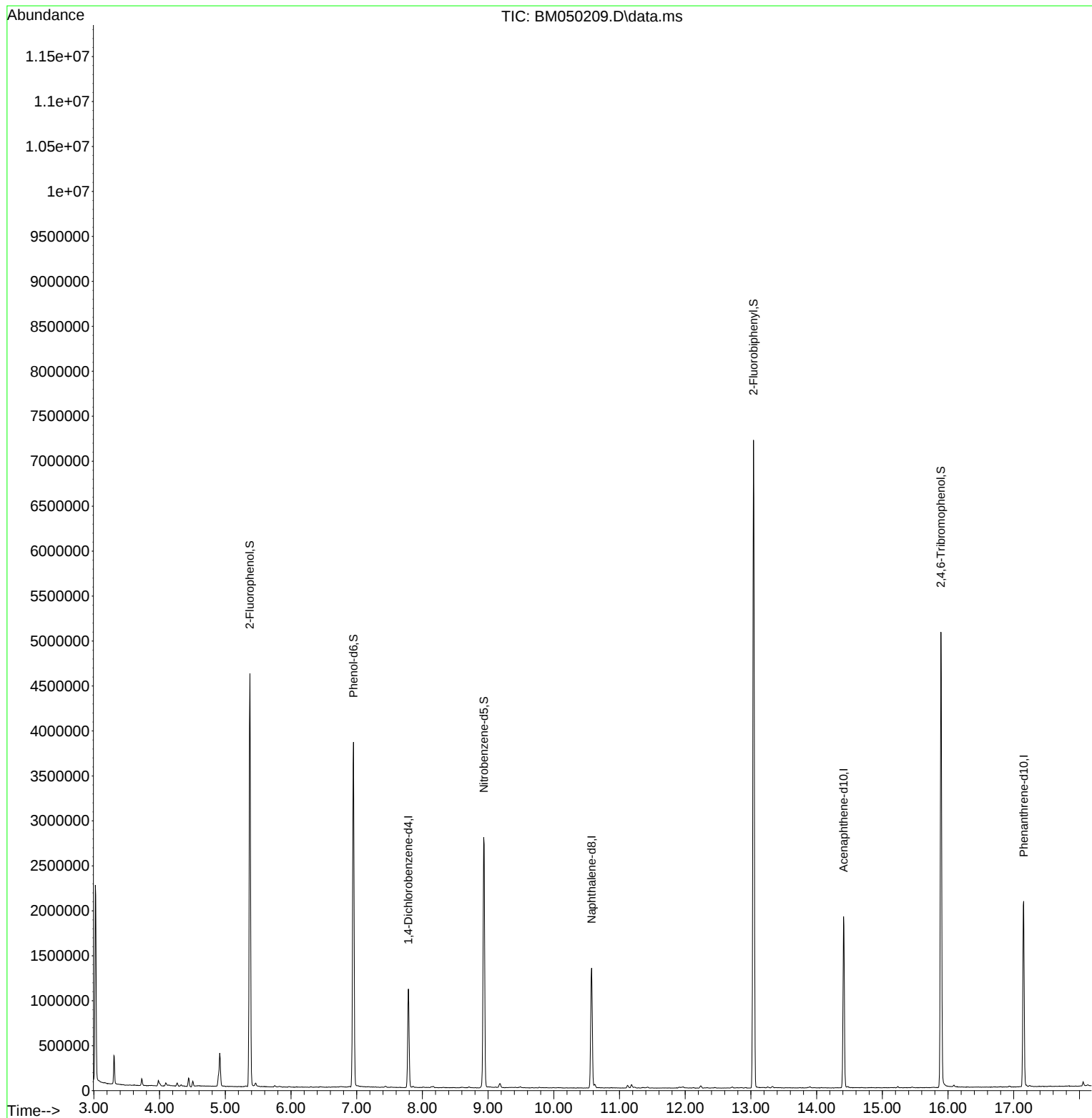
Target Compounds	Qvalue

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

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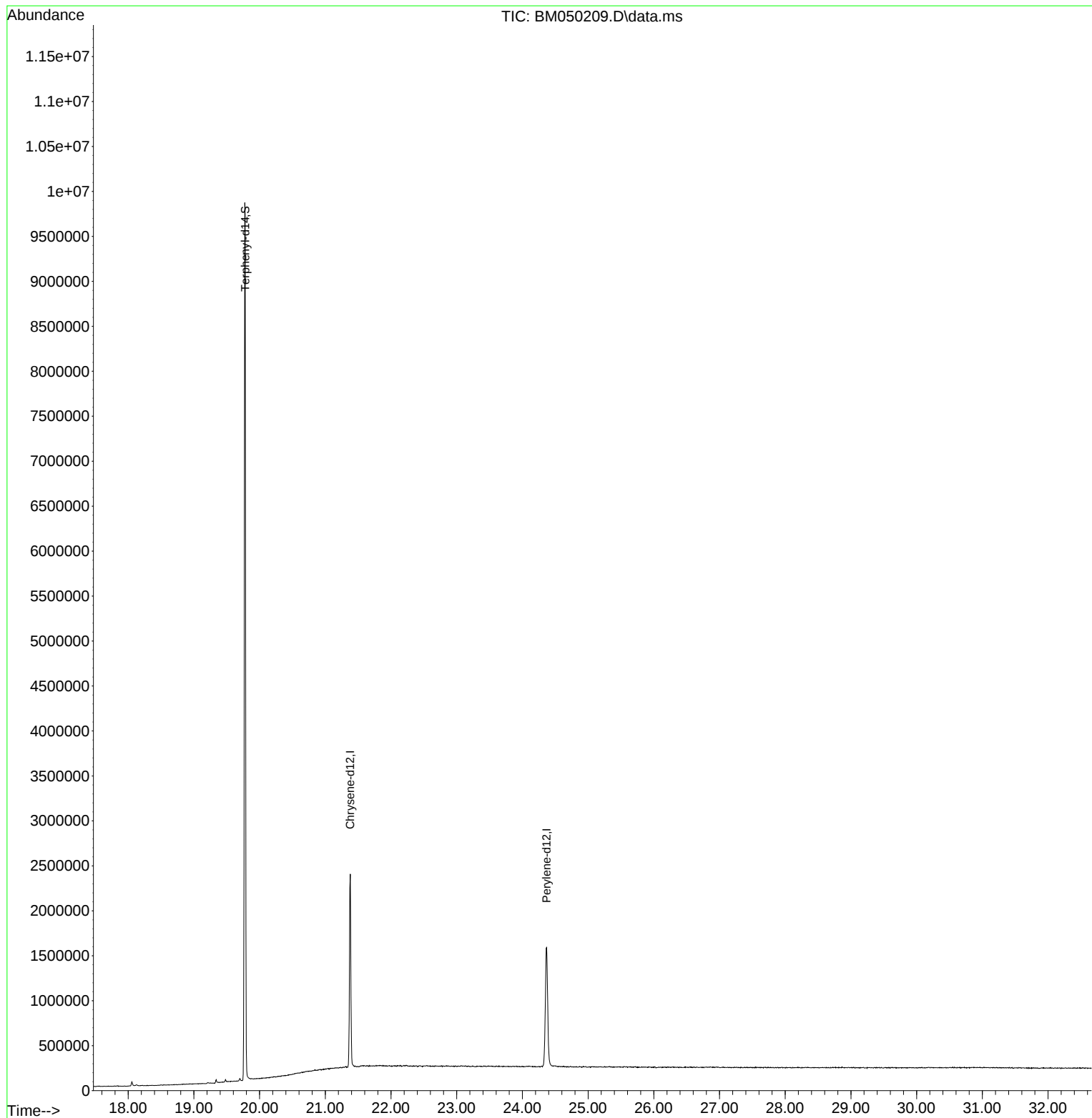
Quant Time: Jun 06 12:11:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
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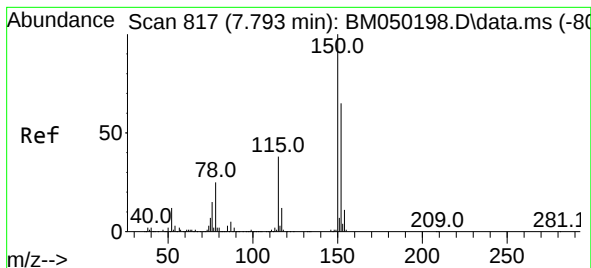


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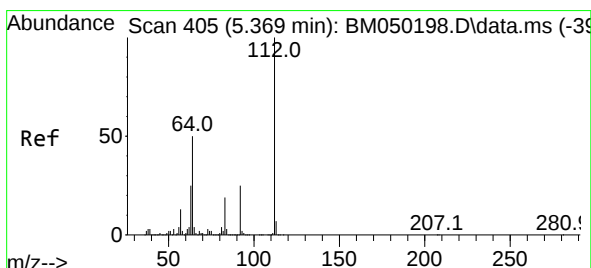
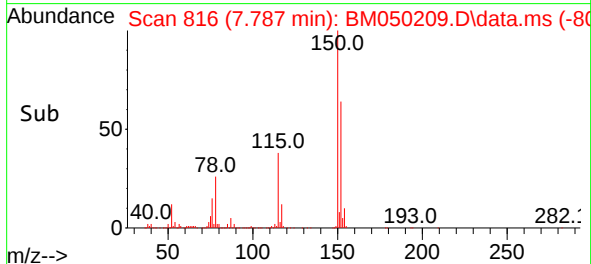
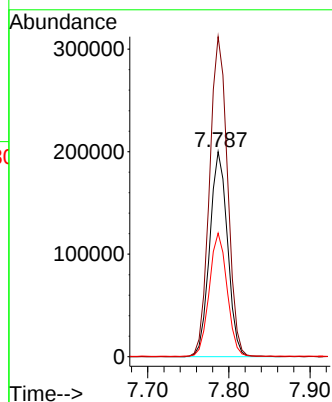
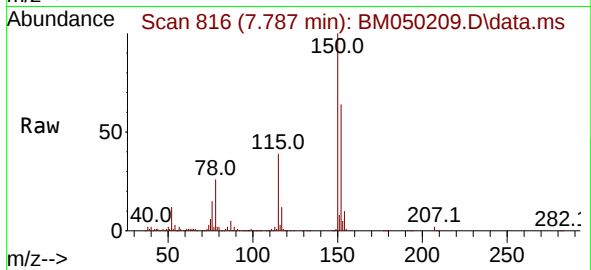




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

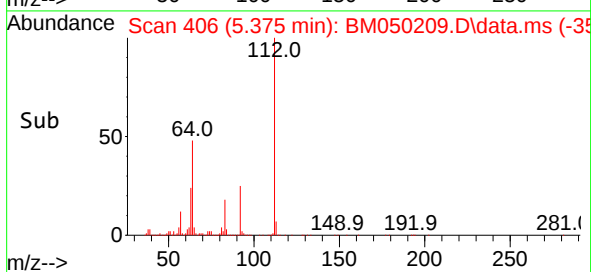
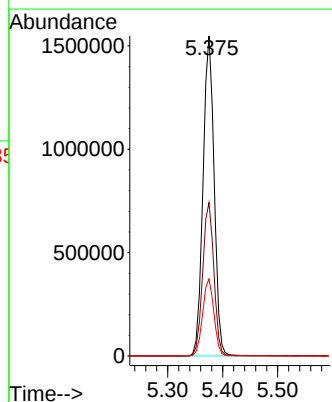
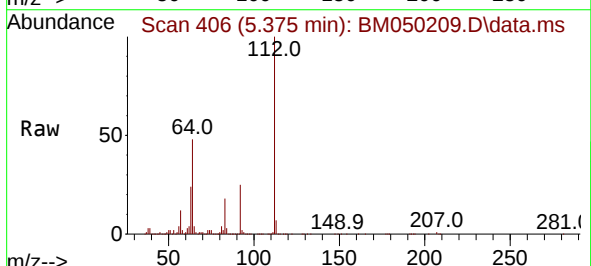
Instrument :
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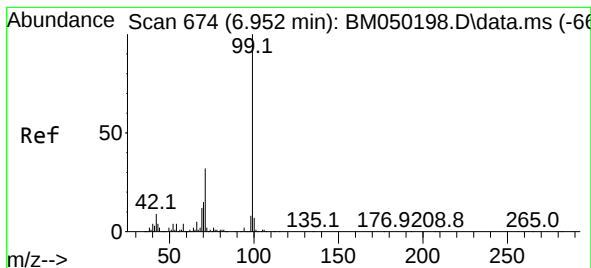
Tgt Ion:152 Resp: 304642
Ion Ratio Lower Upper
152 100
150 156.1 122.2 183.4
115 60.3 46.3 69.5



#5
2-Fluorophenol
Concen: 119.309 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

Tgt Ion:112 Resp: 2178864
Ion Ratio Lower Upper
112 100
64 48.0 39.8 59.6
63 24.1 19.8 29.8

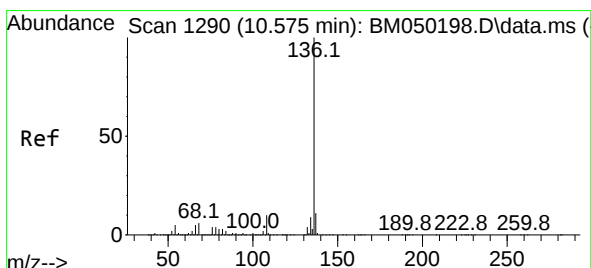
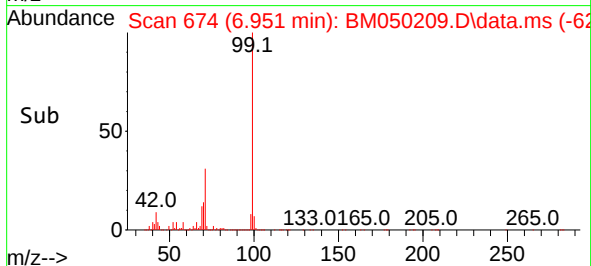
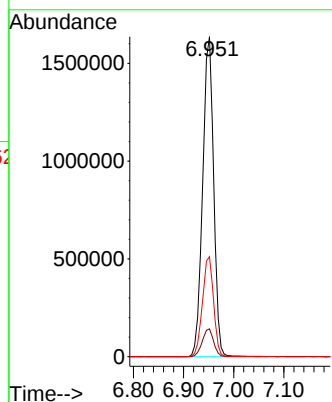
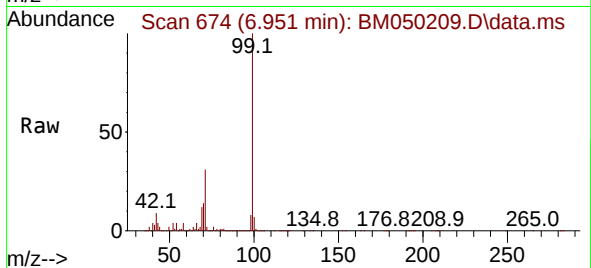




#7
Phenol-d6
Concen: 103.646 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

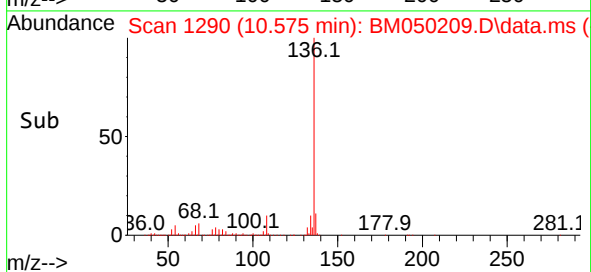
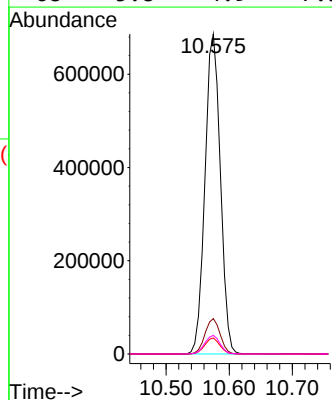
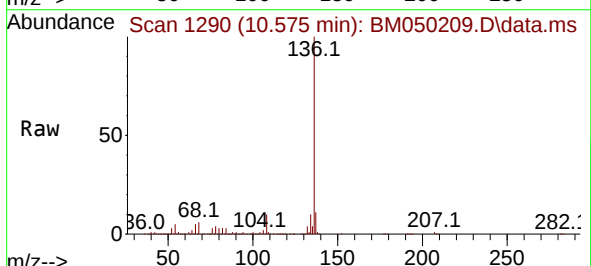
Instrument :
BNA_M
ClientSampleId :
B-187-SB01

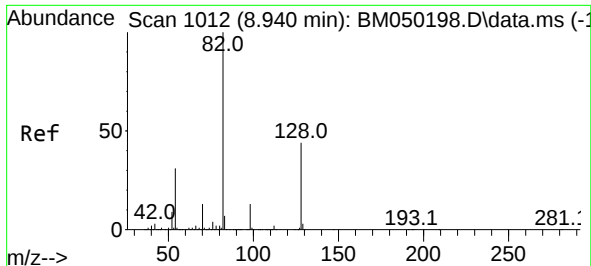
Tgt Ion: 99 Resp: 2491728
Ion Ratio Lower Upper
99 100
42 8.7 6.9 10.3
71 31.3 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

Tgt Ion: 136 Resp: 1159115
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 5.0 3.8 5.8
68 5.8 4.9 7.3

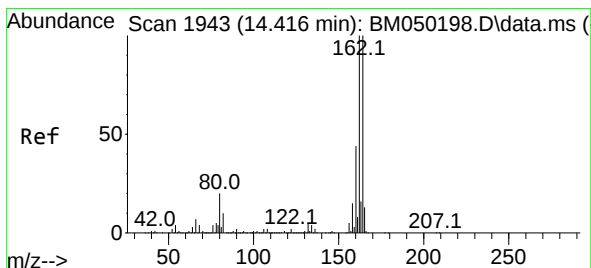
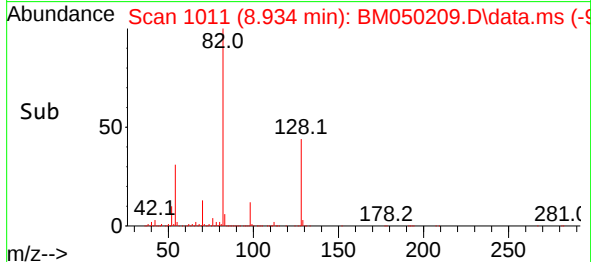
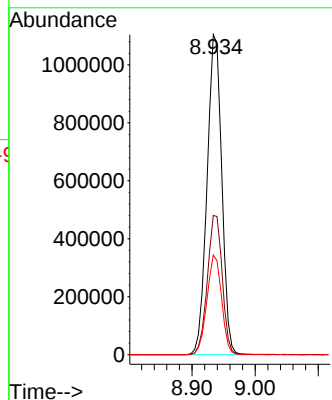
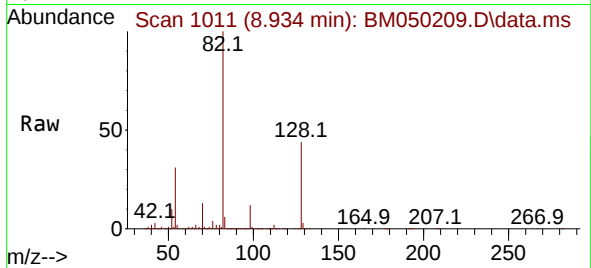




#23
Nitrobenzene-d5
Concen: 80.208 ng
RT: 8.934 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

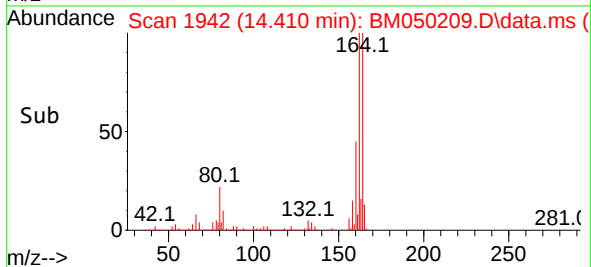
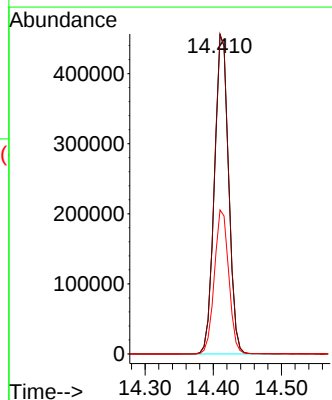
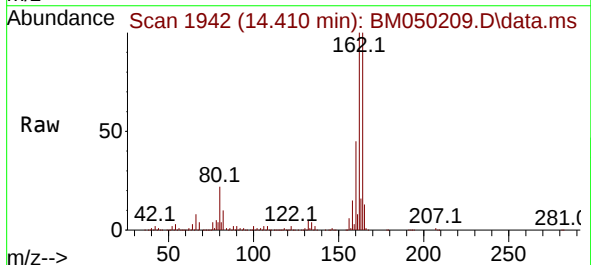
Instrument :
BNA_M
ClientSampleId :
B-187-SB01

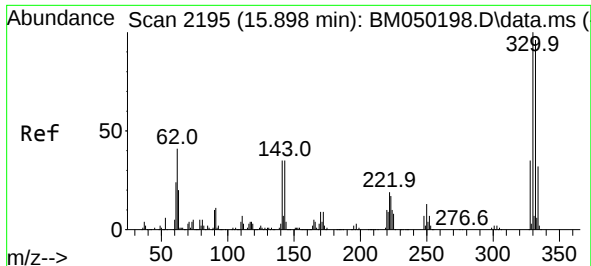
Tgt Ion: 82 Resp: 1787618
Ion Ratio Lower Upper
82 100
128 43.5 35.2 52.8
54 31.2 24.5 36.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

Tgt Ion:164 Resp: 659350
Ion Ratio Lower Upper
164 100
162 100.4 80.2 120.4
160 45.2 35.7 53.5

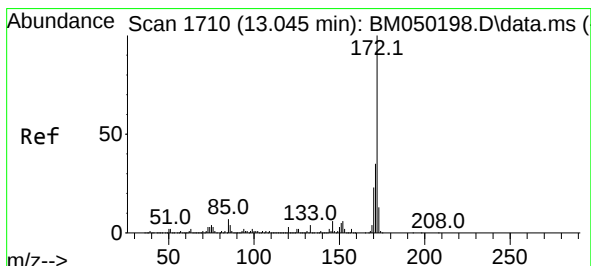
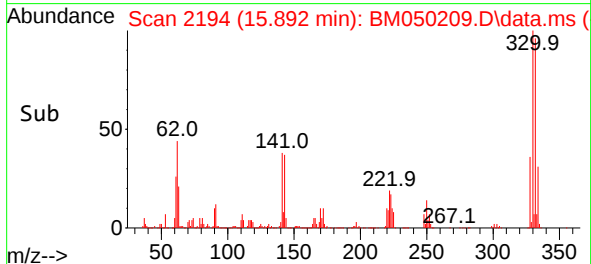
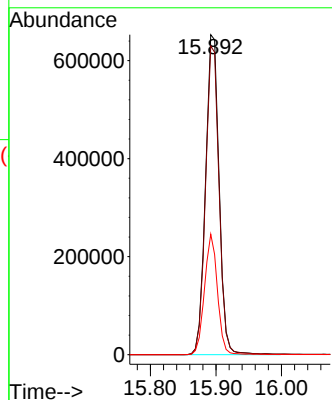
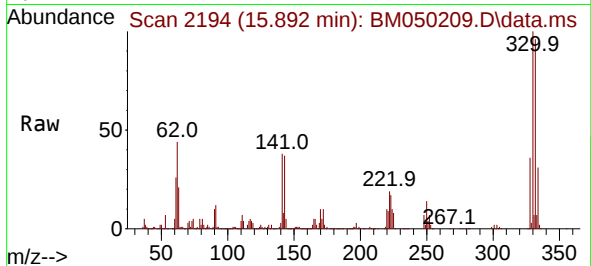




#42
2,4,6-Tribromophenol
Concen: 125.783 ng
RT: 15.892 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

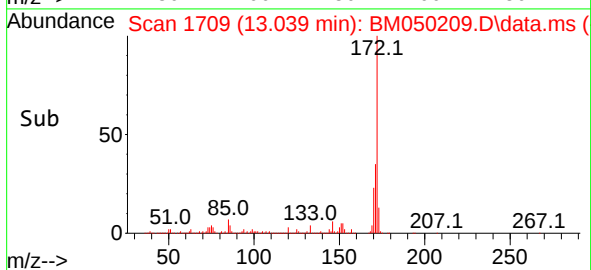
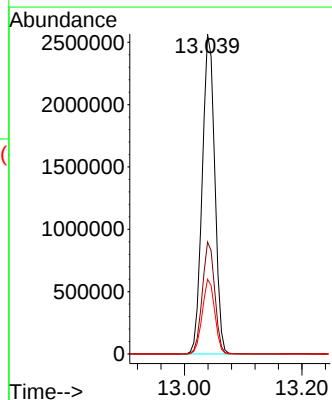
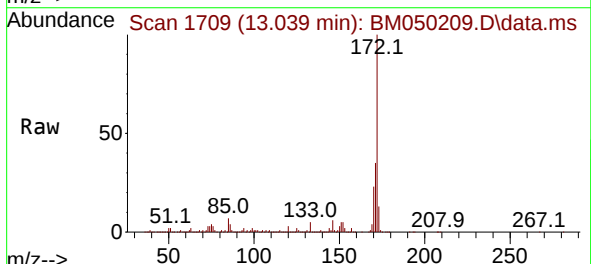
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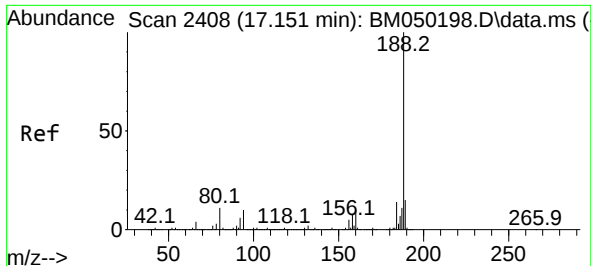
Tgt Ion:330 Resp: 943327
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 36.0 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 78.161 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

Tgt Ion:172 Resp: 3806562
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.4 18.6 27.8

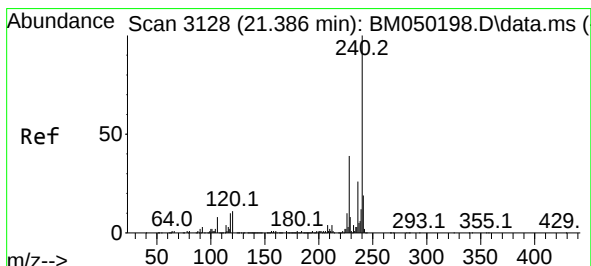
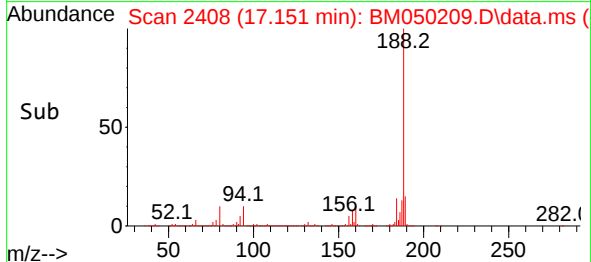
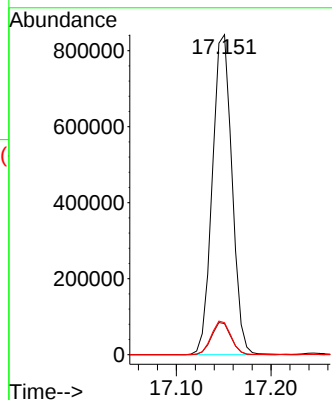
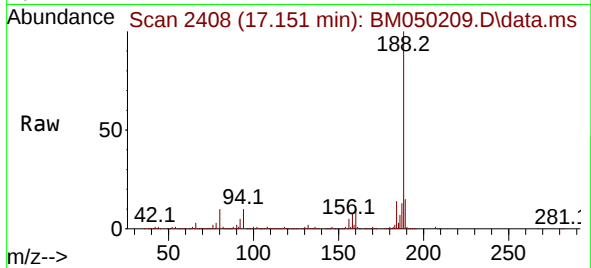




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

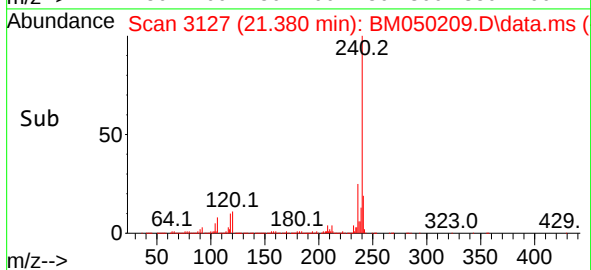
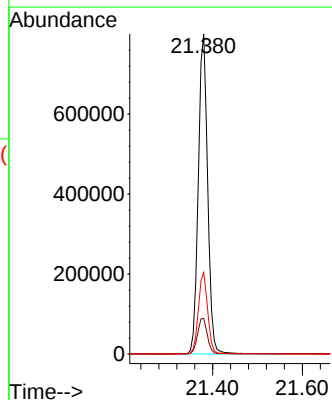
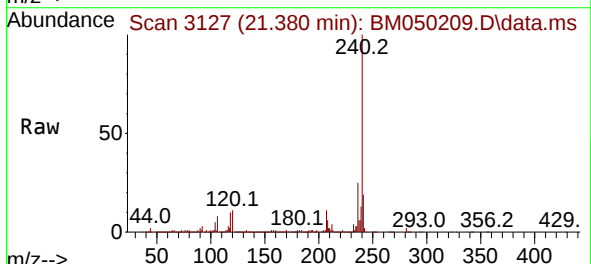
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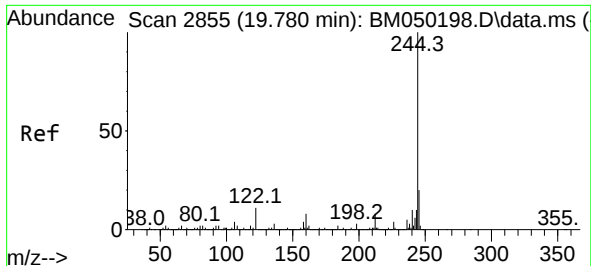
Tgt Ion:188 Resp: 1216071
Ion Ratio Lower Upper
188 100
94 9.7 8.1 12.1
80 10.0 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

Tgt Ion:240 Resp: 1157737
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 25.4 20.7 31.1

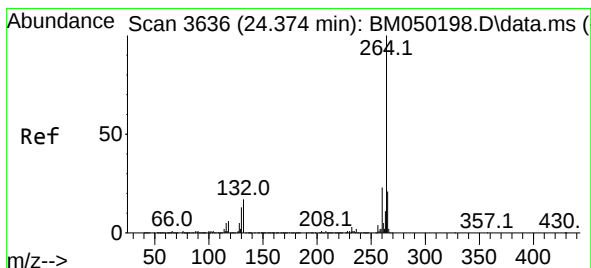
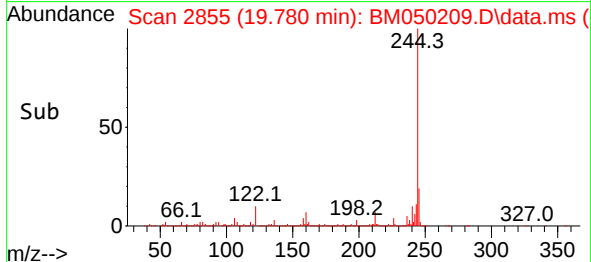
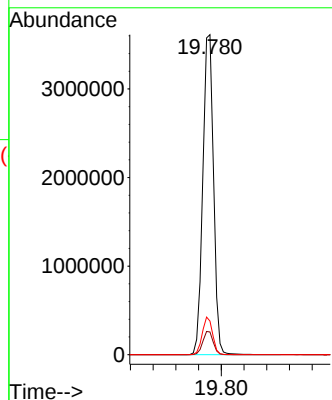
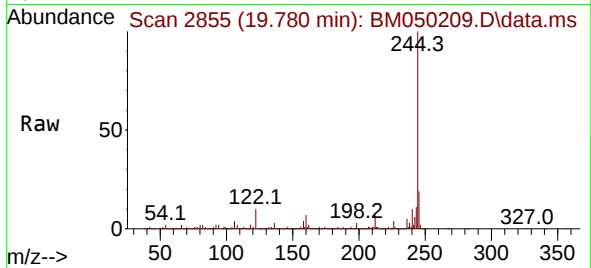




#79
 Terphenyl-d14
 Concen: 77.545 ng
 RT: 19.780 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050209.D
 Acq: 06 Jun 2025 11:27

Instrument :
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Tgt Ion:244 Resp: 4737529
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.368 min Scan# 3635
 Delta R.T. -0.006 min
 Lab File: BM050209.D
 Acq: 06 Jun 2025 11:27

Tgt Ion:264 Resp: 1244732
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.5 16.8 25.2

