

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043025\
 Data File : BM050055.D
 Acq On : 30 Apr 2025 21:57
 Operator : RC/JU
 Sample : PB167767BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167767BL

Quant Time: May 01 02:19:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	259374	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	884512	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	572177	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1034356	20.000	ng	0.00
76) Chrysene-d12	21.398	240	891779	20.000	ng	0.00
86) Perylene-d12	24.398	264	972695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2047937	138.259	ng	0.00
7) Phenol-d6	6.946	99	2481152	133.273	ng	0.00
23) Nitrobenzene-d5	8.922	82	1476518	82.257	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1028521	121.569	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	3894691	80.523	ng	0.00
79) Terphenyl-d14	19.780	244	5726629	95.023	ng	0.00

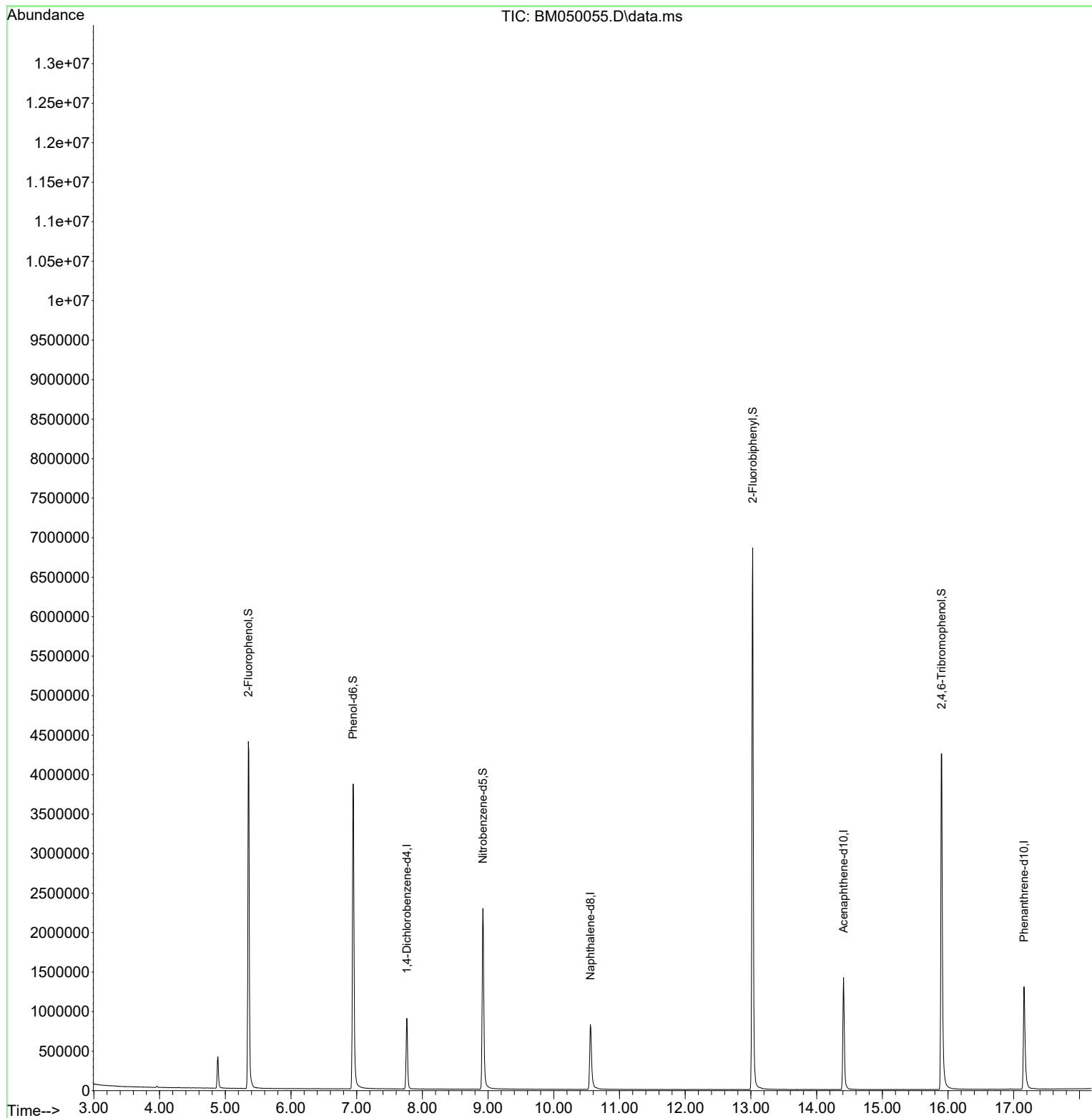
Target Compounds	Qvalue

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

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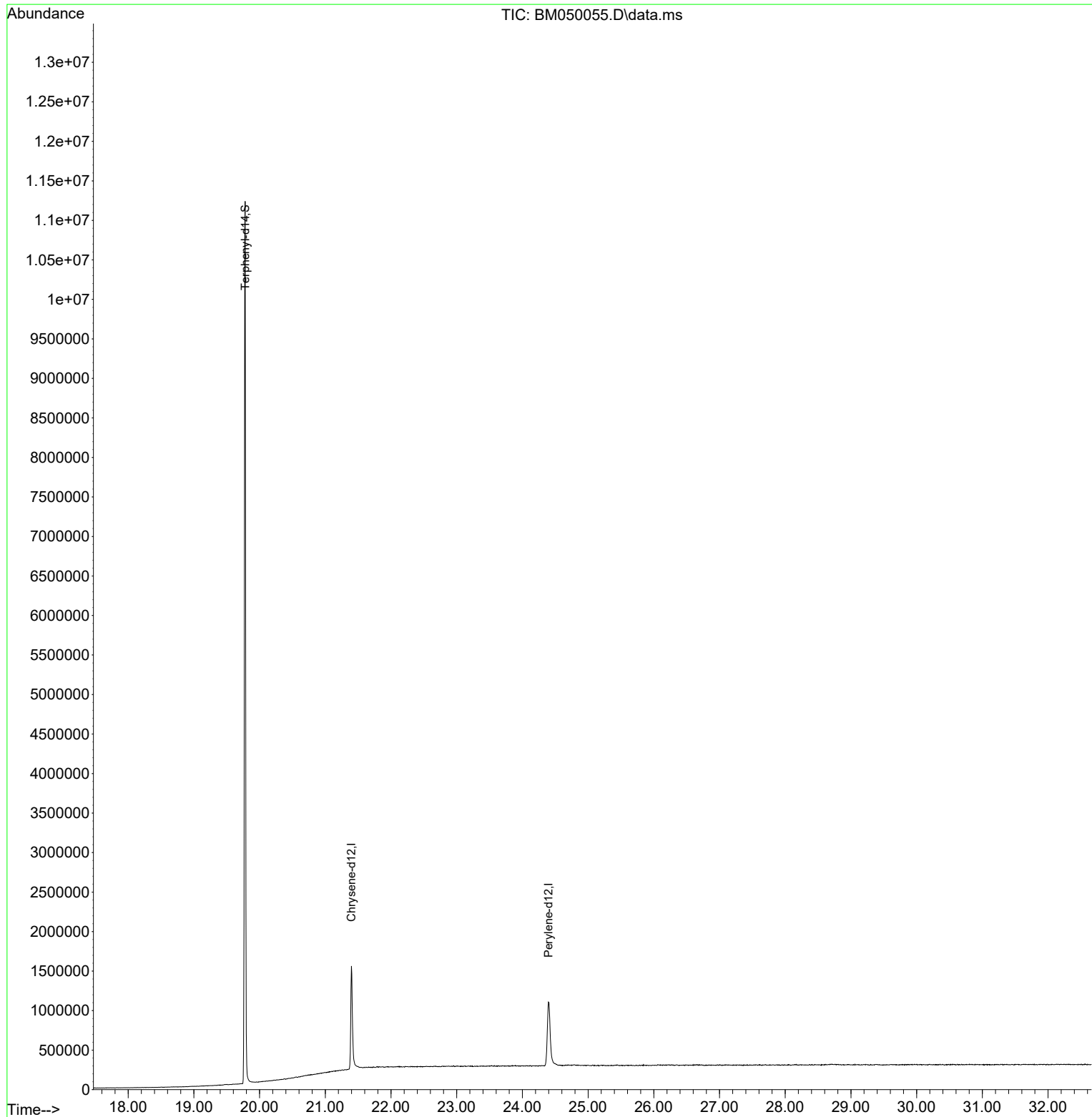
Quant Time: May 01 02:19:58 2025
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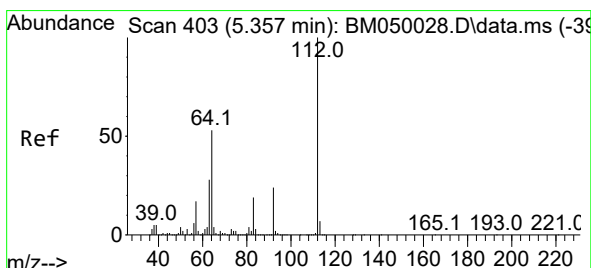
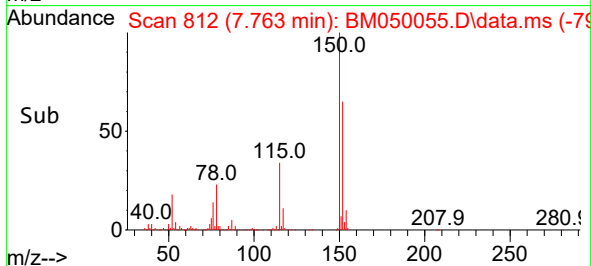
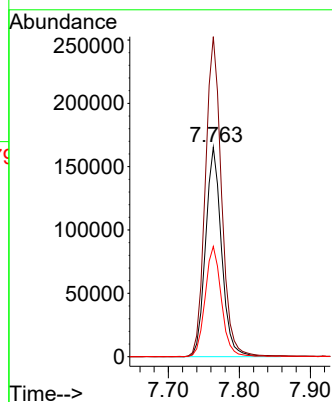
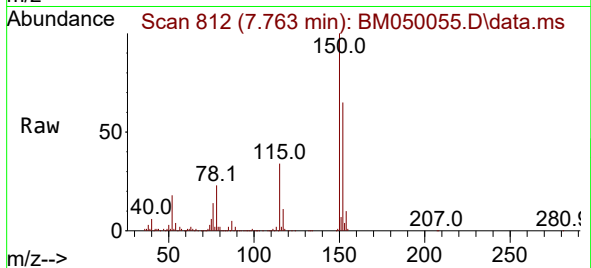




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM050055.D
Acq: 30 Apr 2025 21:57

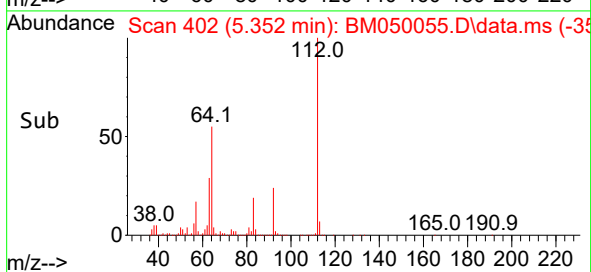
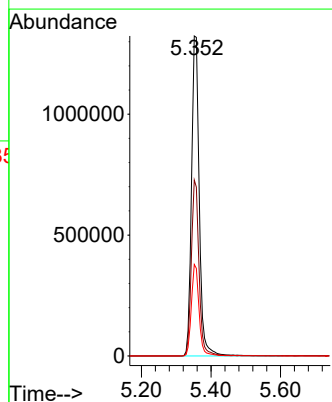
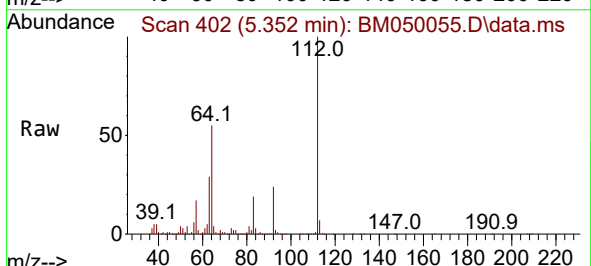
Instrument :
BNA_M
ClientSampleId :
PB167767BL

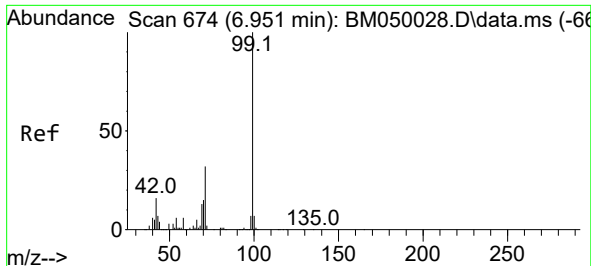
Tgt Ion:152 Resp: 259374
Ion Ratio Lower Upper
152 100
150 152.7 124.1 186.1
115 52.6 41.2 61.8



#5
2-Fluorophenol
Concen: 138.259 ng
RT: 5.352 min Scan# 402
Delta R.T. -0.006 min
Lab File: BM050055.D
Acq: 30 Apr 2025 21:57

Tgt Ion:112 Resp: 2047937
Ion Ratio Lower Upper
112 100
64 55.0 42.6 64.0
63 28.6 22.2 33.4

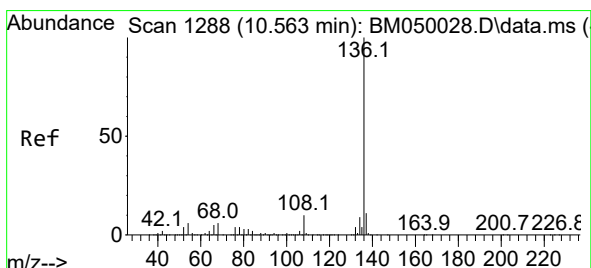
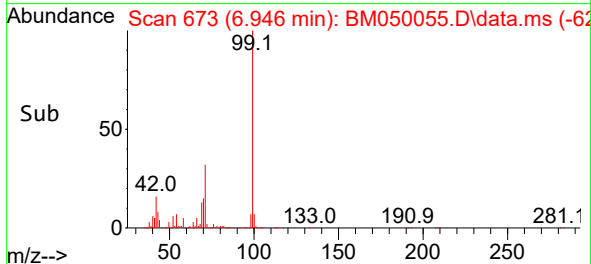
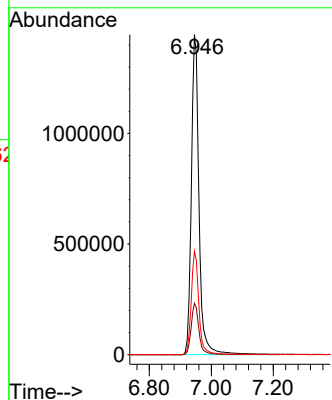
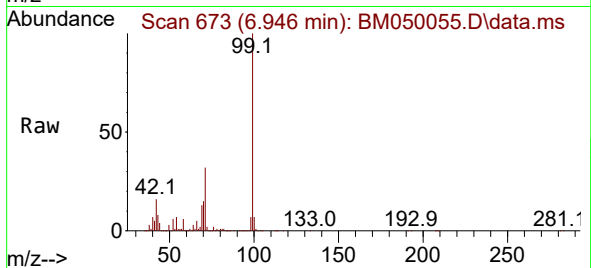




#7
Phenol-d6
Concen: 133.273 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050055.D
Acq: 30 Apr 2025 21:57

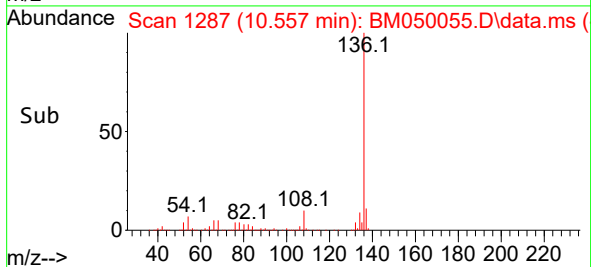
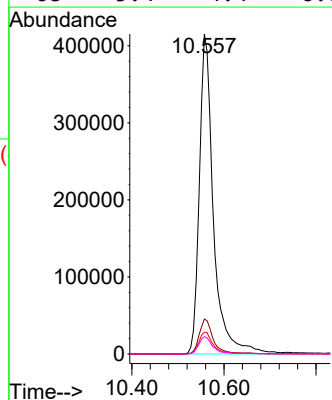
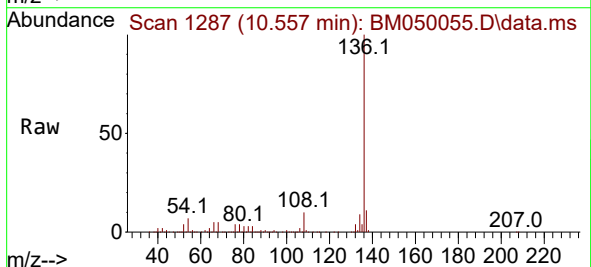
Instrument :
BNA_M
ClientSampleId :
PB167767BL

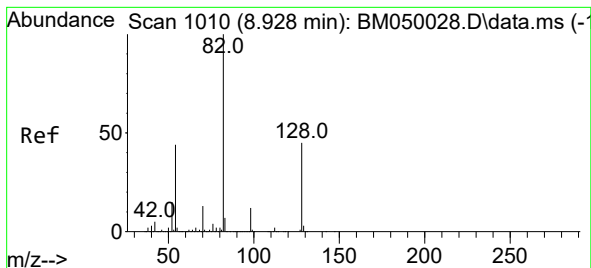
Tgt Ion: 99 Resp: 2481152
Ion Ratio Lower Upper
99 100
42 16.1 13.0 19.4
71 32.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM050055.D
Acq: 30 Apr 2025 21:57

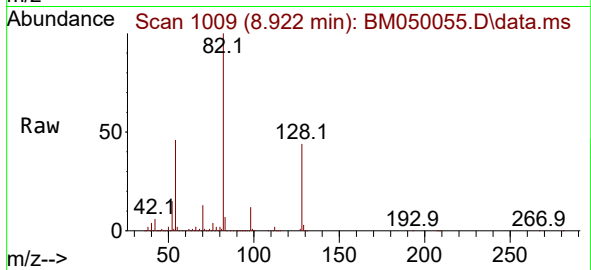
Tgt Ion: 136 Resp: 884512
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.8 5.1 7.7
68 5.4 4.4 6.6



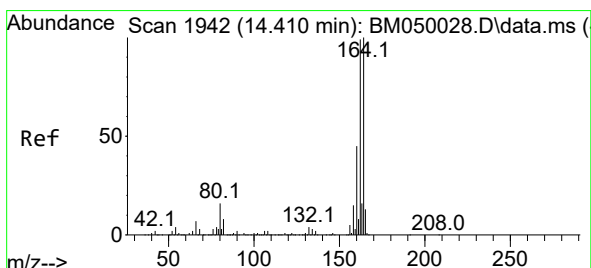
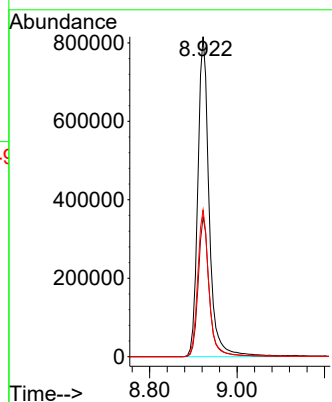
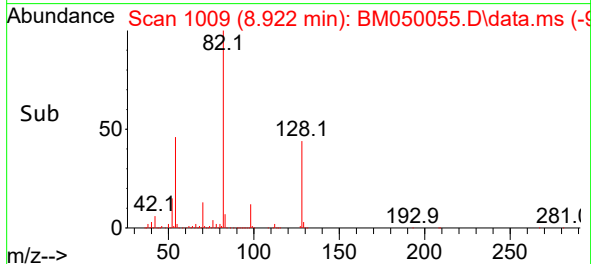


#23
Nitrobenzene-d5
Concen: 82.257 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BM050055.D
Acq: 30 Apr 2025 21:57

Instrument :
BNA_M
ClientSampleId :
PB167767BL

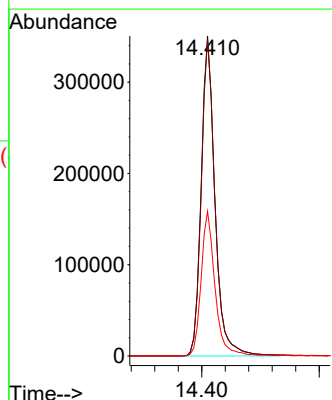
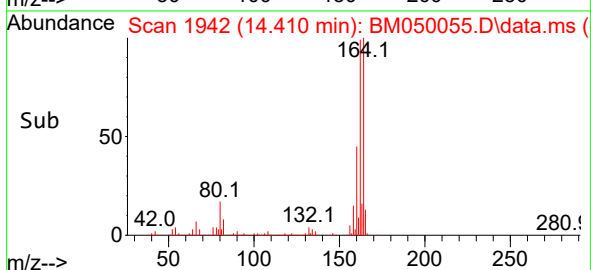
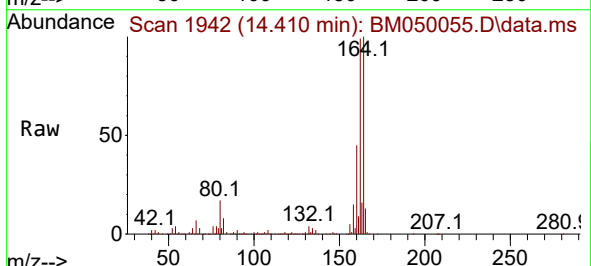


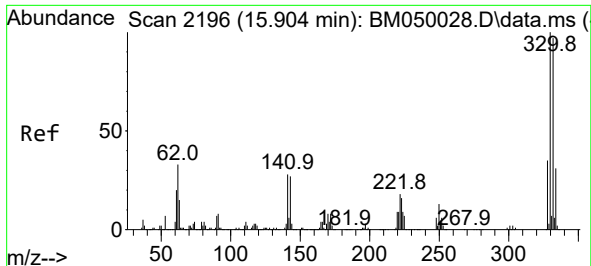
Tgt Ion: 82 Resp: 1476518
Ion Ratio Lower Upper
82 100
128 43.7 35.7 53.5
54 45.9 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM050055.D
Acq: 30 Apr 2025 21:57

Tgt Ion: 164 Resp: 572177
Ion Ratio Lower Upper
164 100
162 98.8 79.4 119.0
160 45.2 36.2 54.4

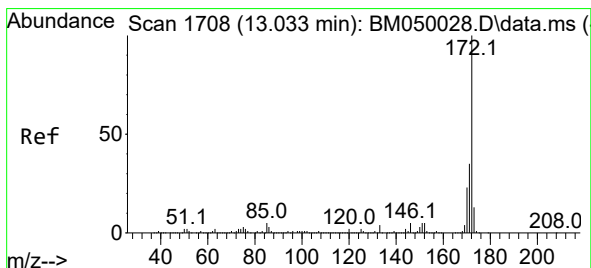
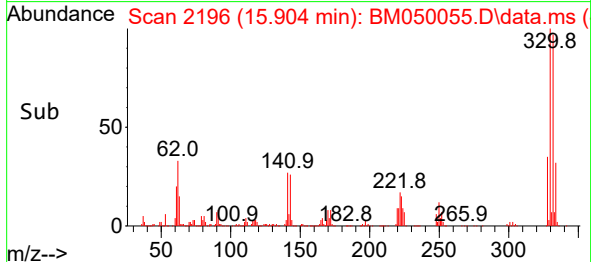
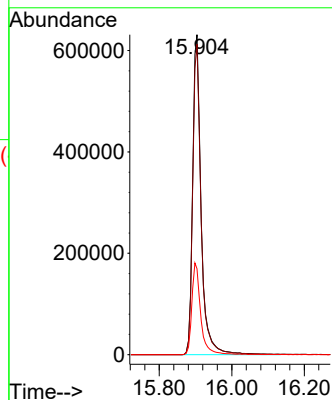
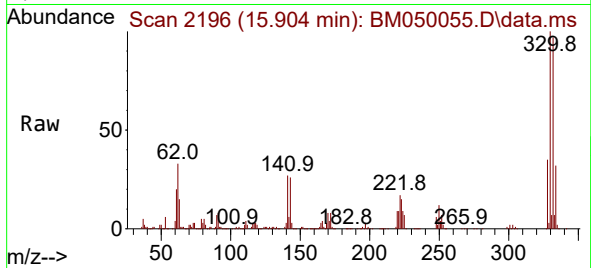




#42
2,4,6-Tribromophenol
Concen: 121.569 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM050055.D
Acq: 30 Apr 2025 21:57

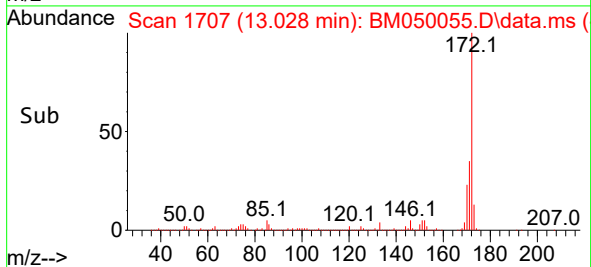
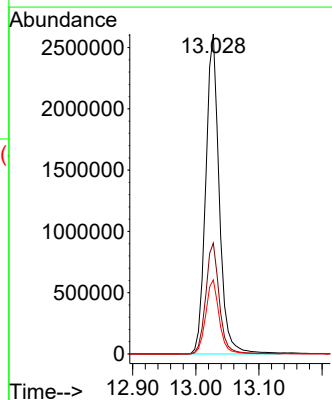
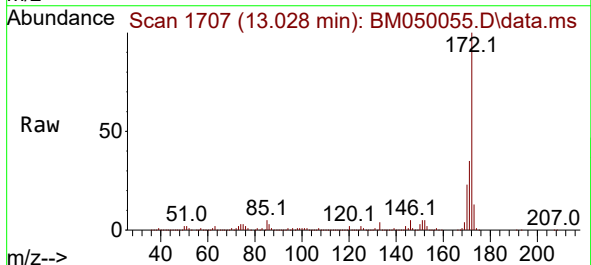
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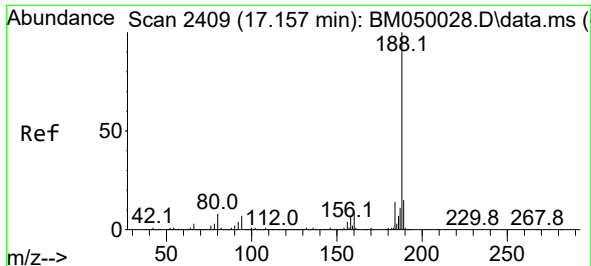
Tgt Ion:330 Resp: 1028521
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 29.8 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 80.523 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM050055.D
Acq: 30 Apr 2025 21:57

Tgt Ion:172 Resp: 3894691
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.1 18.6 28.0

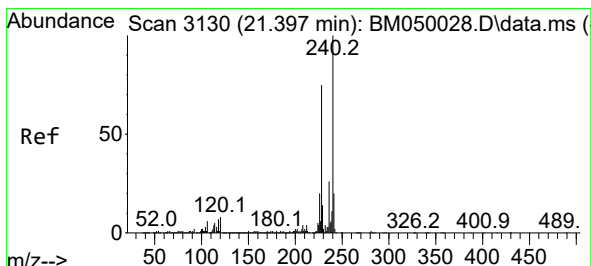
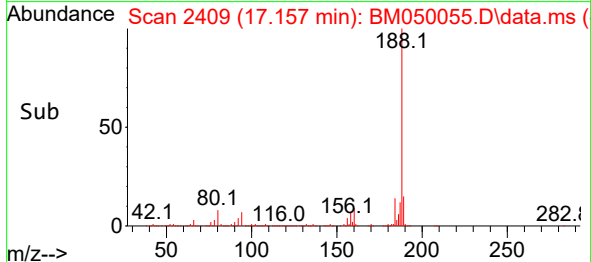
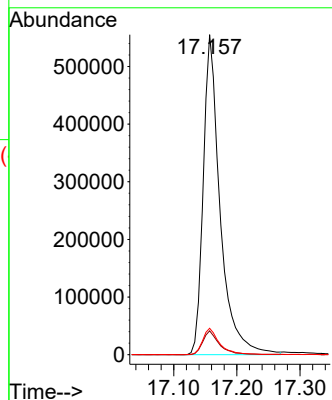
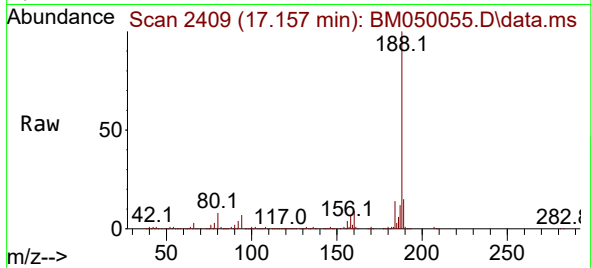




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050055.D
Acq: 30 Apr 2025 21:57

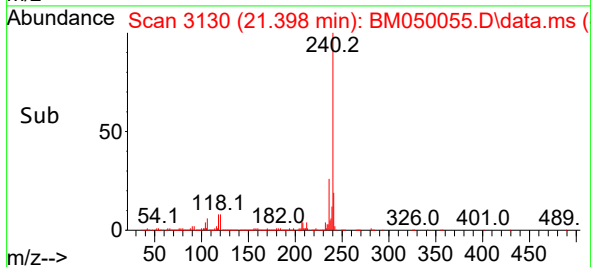
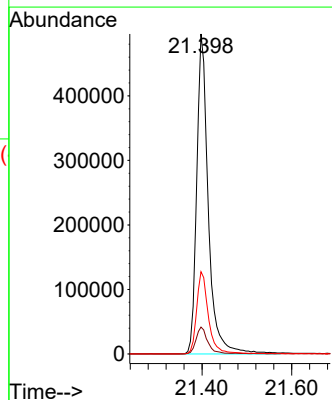
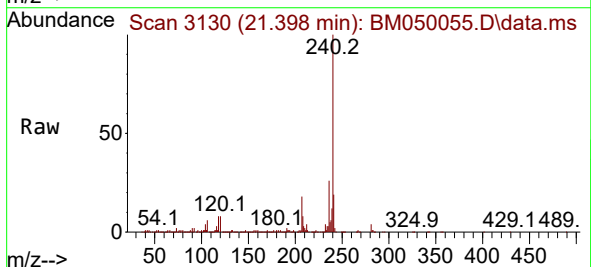
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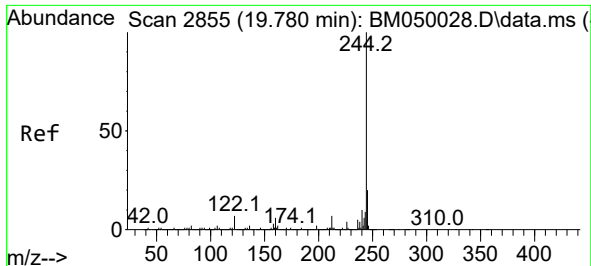
Tgt Ion:188 Resp: 1034356
Ion Ratio Lower Upper
188 100
94 7.5 5.7 8.5
80 8.2 6.2 9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BM050055.D
Acq: 30 Apr 2025 21:57

Tgt Ion:240 Resp: 891779
Ion Ratio Lower Upper
240 100
120 8.4 6.5 9.7
236 25.7 20.9 31.3

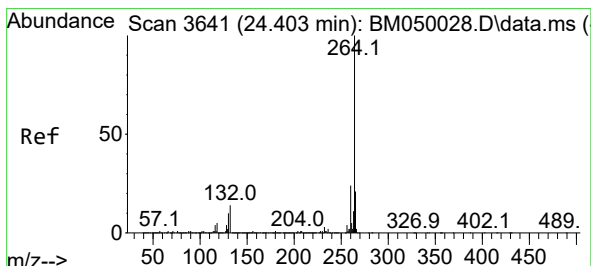
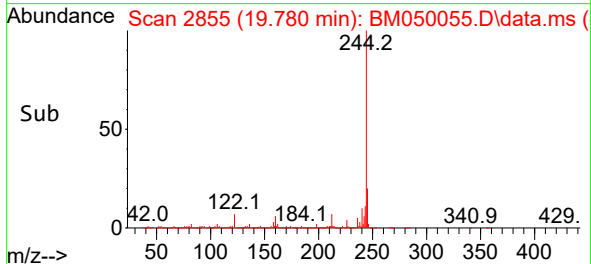
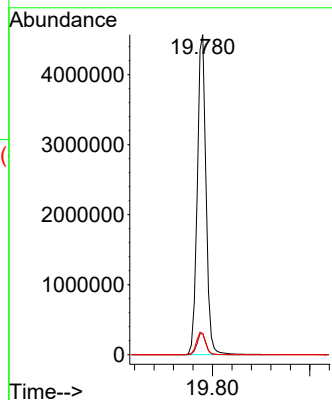
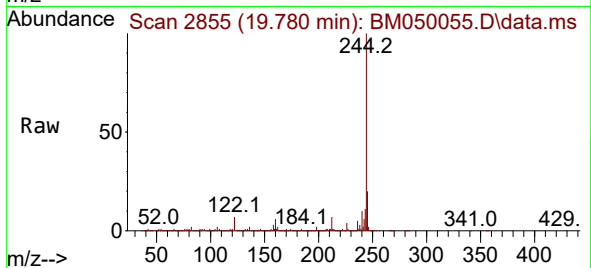




#79
 Terphenyl-d14
 Concen: 95.023 ng
 RT: 19.780 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM050055.D
 Acq: 30 Apr 2025 21:57

Instrument :
 BNA_M
 ClientSampleId :
 PB167767BL

Tgt Ion:244 Resp: 5726629
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 6.6 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.398 min Scan# 3640
 Delta R.T. -0.006 min
 Lab File: BM050055.D
 Acq: 30 Apr 2025 21:57

Tgt Ion:264 Resp: 972695
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.8 28.2
 265 21.8 17.0 25.4

