

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050240.D
 Acq On : 09 Jun 2025 13:29
 Operator : RC/JU
 Sample : Q2125-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GSB3

Quant Time: Jun 09 14:03:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 11:54:38 2025
 Response via : Initial Calibration

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

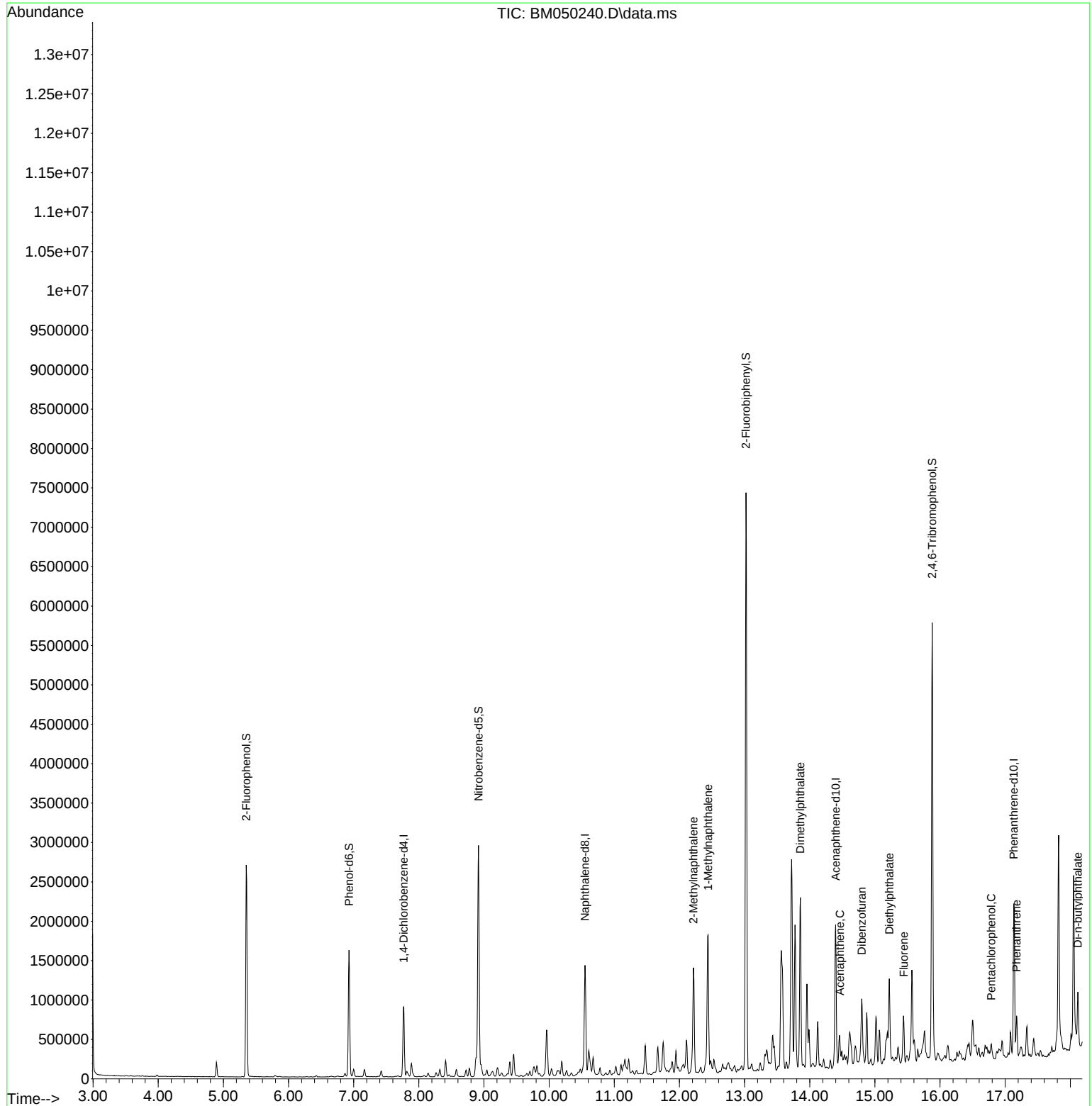
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	258819	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1009931	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	581596	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1095565	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1122304	20.000	ng	-0.01
86) Perylene-d12	24.338	264	1282474	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1263506	81.436	ng	0.00
7) Phenol-d6	6.928	99	987737	48.360	ng	0.00
23) Nitrobenzene-d5	8.916	82	1883291	96.983	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1022118	154.510	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	3795297	88.348	ng	0.00
79) Terphenyl-d14	19.762	244	5334082	90.067	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	12.216	142	628927	19.966	ng	99
38) 1-Methylnaphthalene	12.439	142	813617	24.335	ng	100
50) Dimethylphthalate	13.857	163	1440398	36.620	ng	100
52) Acenaphthene	14.463	154	101935	2.976	ng	96
55) Dibenzofuran	14.798	168	110355	2.202	ng	# 64
58) Fluorene	15.445	166	176099	4.588	ng	# 94
60) Diethylphthalate	15.221	149	548102	14.044	ng	99
70) Pentachlorophenol	16.786	266	20129	2.268	ng	93
71) Phenanthrene	17.174	178	297659	4.756	ng	98
74) Di-n-butylphthalate	18.115	149	638718	10.291	ng	99
78) Pyrene	19.550	202	167785	2.218	ng	97

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

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Data File : BM050240.D
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Operator : RC/JU
Sample : Q2125-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GSB3

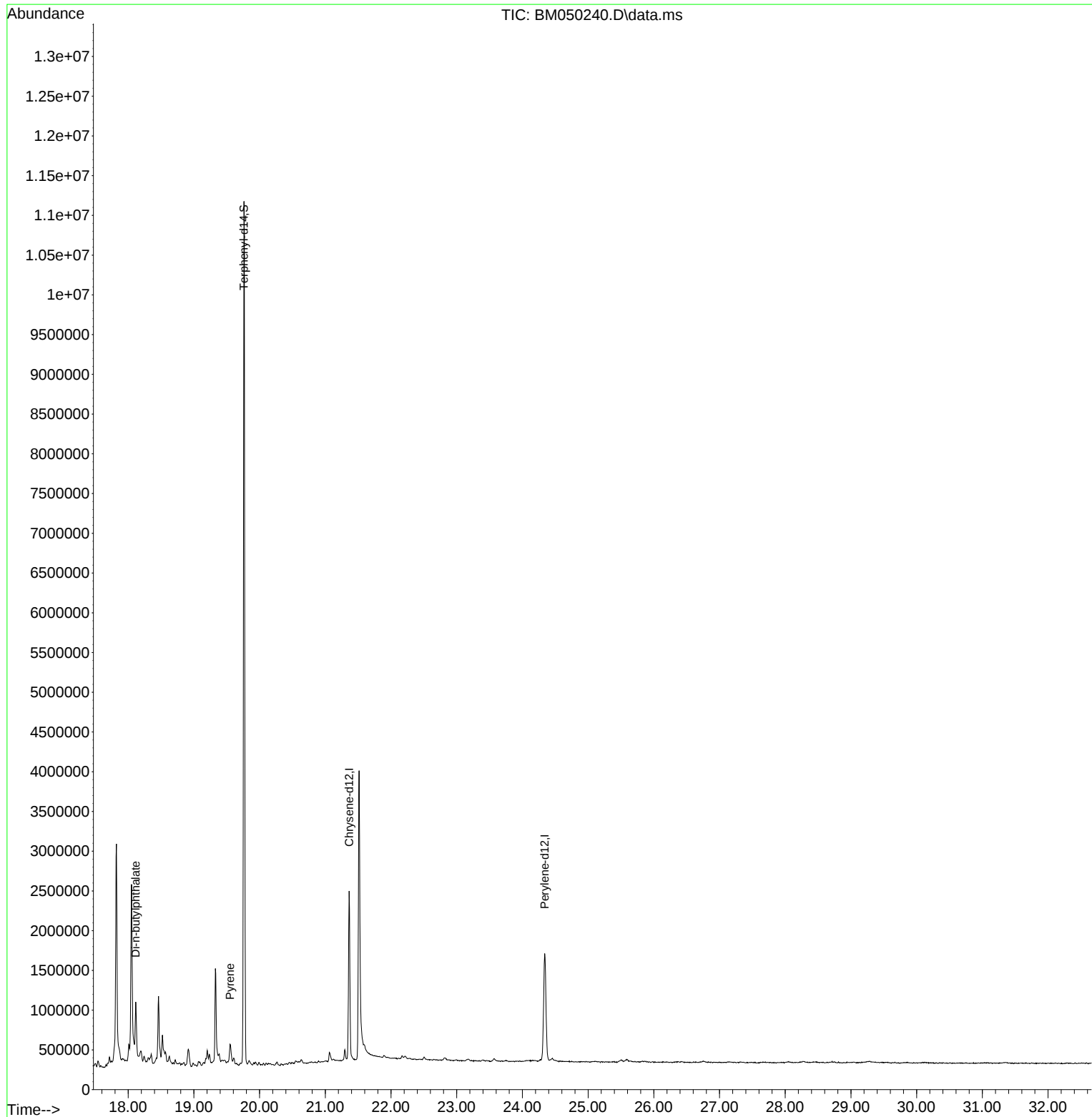
Quant Time: Jun 09 14:03:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

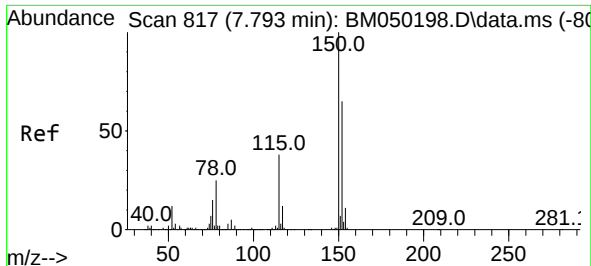


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
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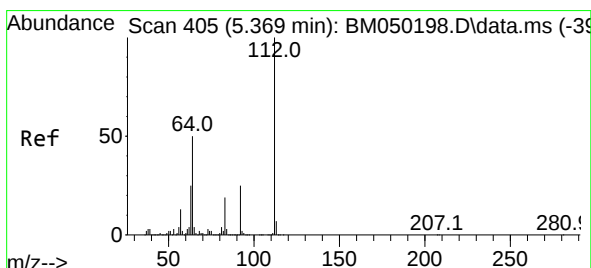
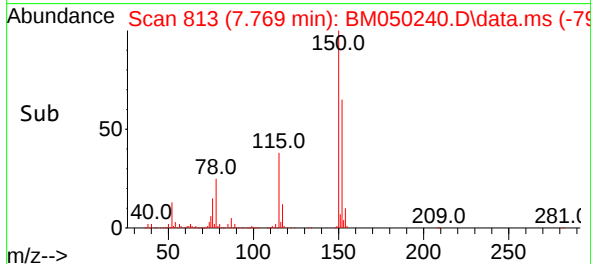
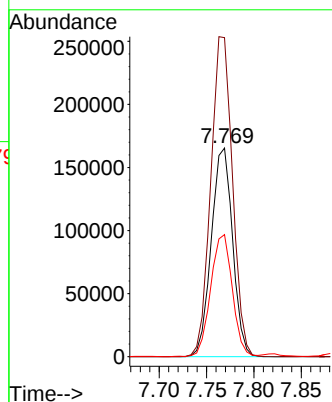
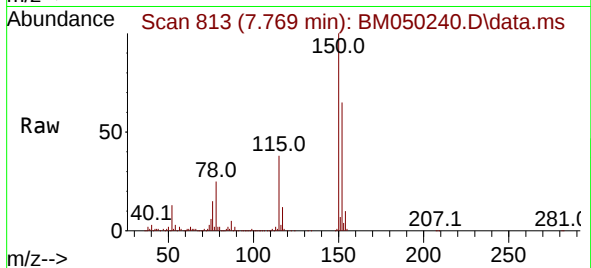




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

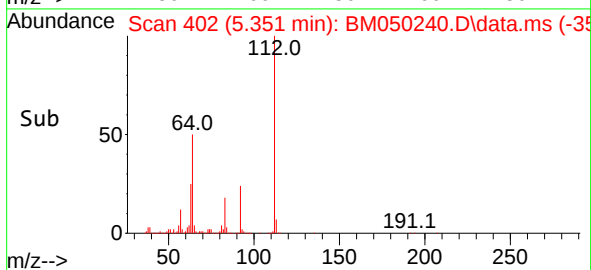
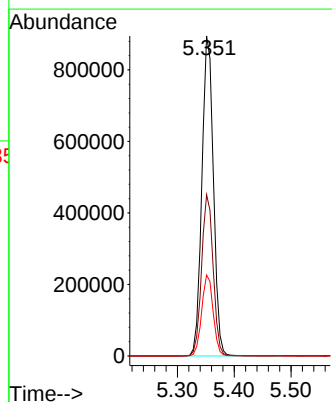
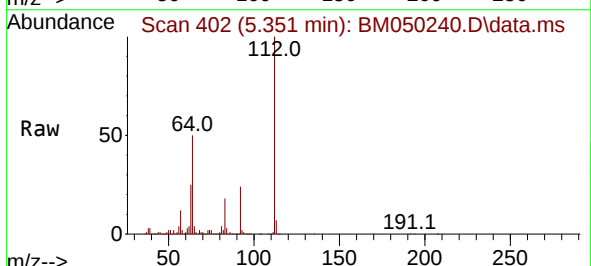
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BNA_M
ClientSampleId :
GSB3

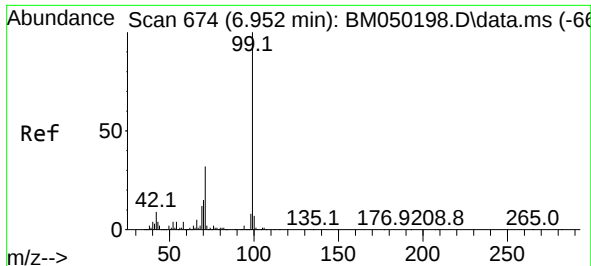
Tgt Ion:152 Resp: 258819
Ion Ratio Lower Upper
152 100
150 152.9 122.2 183.4
115 58.5 46.3 69.5



#5
2-Fluorophenol
Concen: 81.436 ng
RT: 5.351 min Scan# 402
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:112 Resp: 1263506
Ion Ratio Lower Upper
112 100
64 50.4 39.8 59.6
63 25.3 19.8 29.8

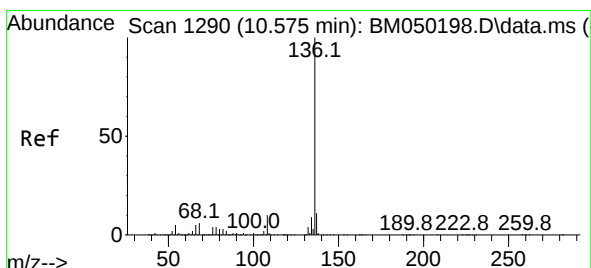
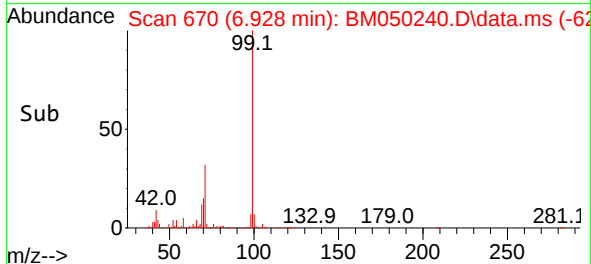
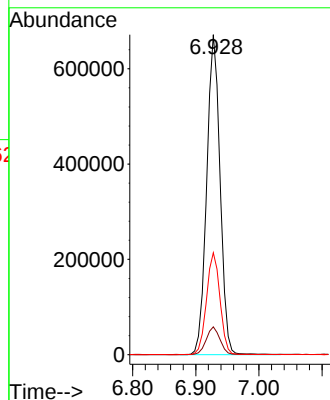
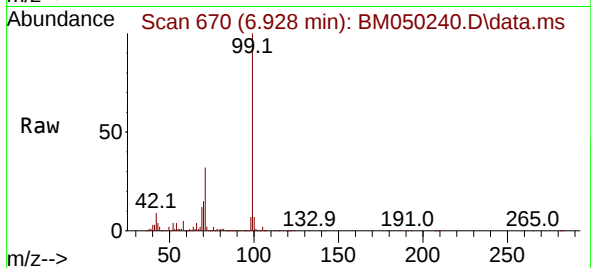




#7
Phenol-d6
Concen: 48.360 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

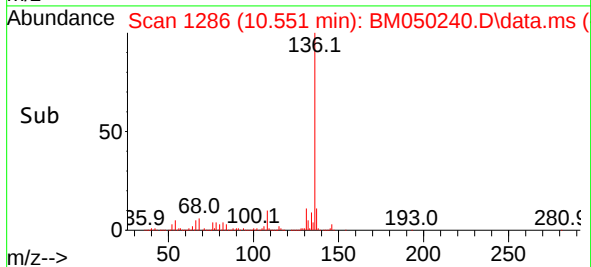
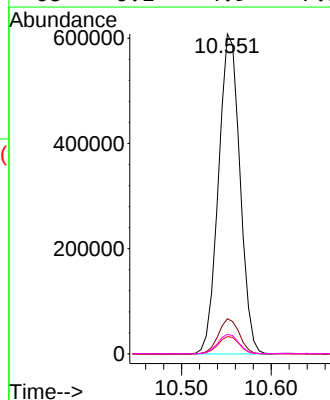
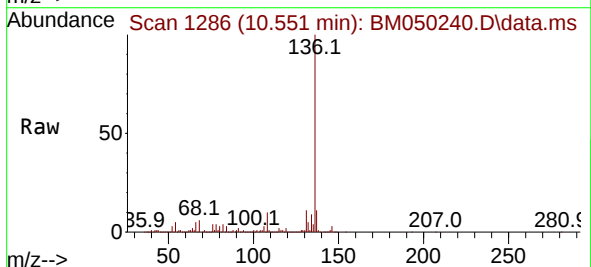
Instrument :
BNA_M
ClientSampleId :
GSB3

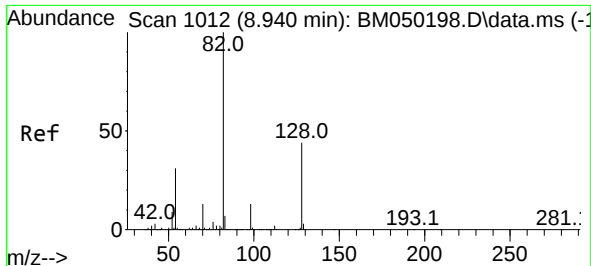
Tgt Ion: 99 Resp: 987737
Ion Ratio Lower Upper
99 100
42 8.7 6.9 10.3
71 31.8 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion: 136 Resp: 1009931
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 5.4 3.8 5.8
68 6.1 4.9 7.3

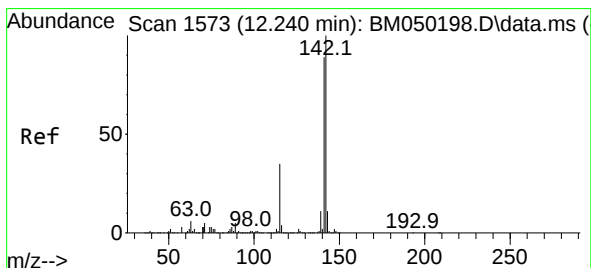
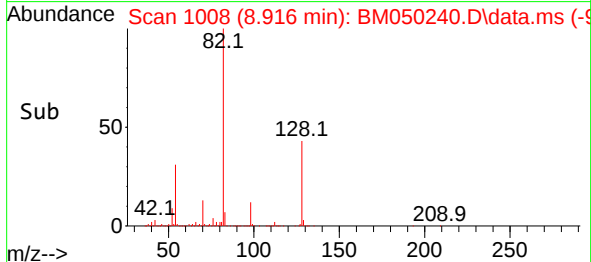
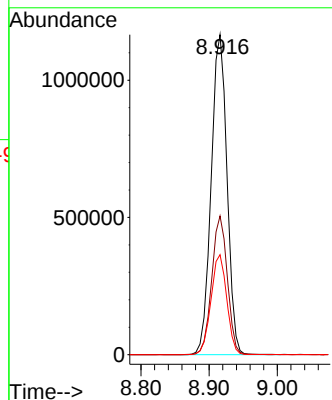
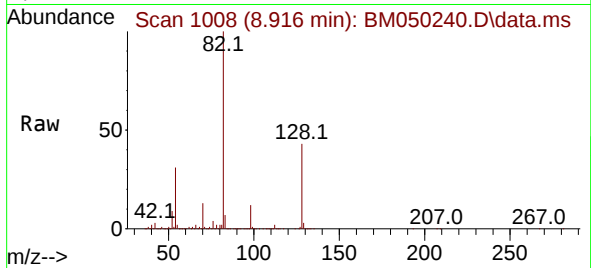




#23
Nitrobenzene-d5
Concen: 96.983 ng
RT: 8.916 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

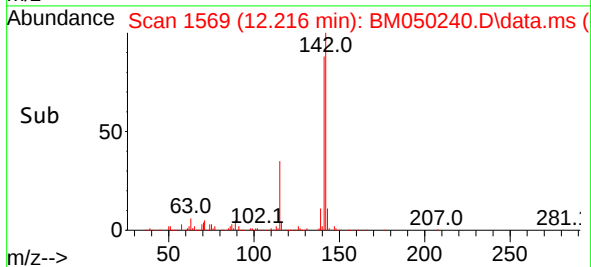
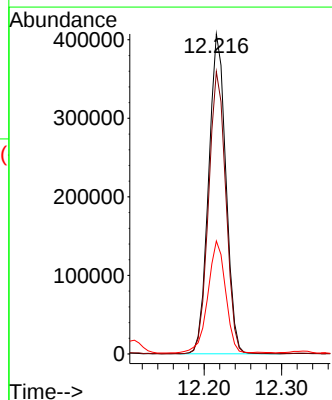
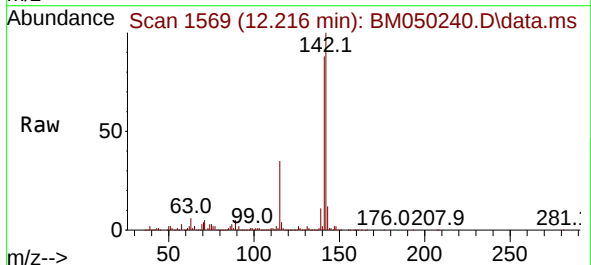
Instrument :
BNA_M
ClientSampleId :
GSB3

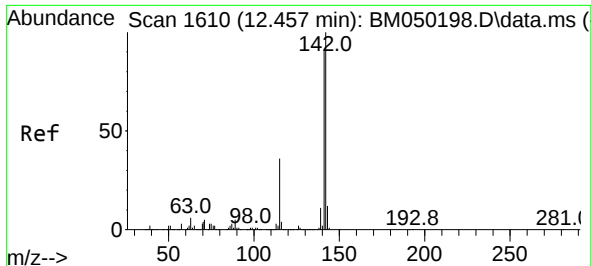
Tgt Ion: 82 Resp: 1883291
Ion Ratio Lower Upper
82 100
128 43.3 35.2 52.8
54 31.2 24.5 36.7



#37
2-Methylnaphthalene
Concen: 19.966 ng
RT: 12.216 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:142 Resp: 628927
Ion Ratio Lower Upper
142 100
141 88.2 71.5 107.3
115 35.3 27.8 41.8

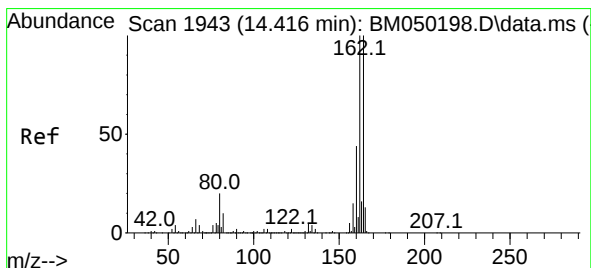
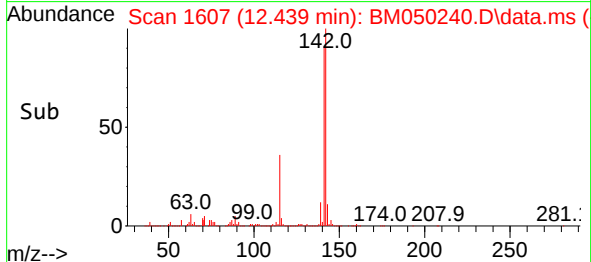
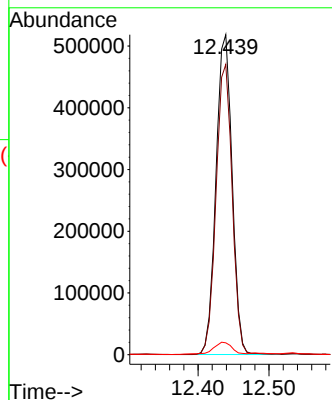
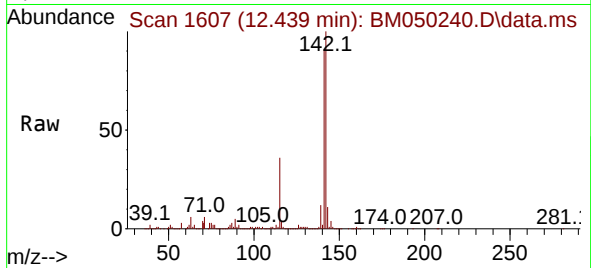




#38
1-Methylnaphthalene
Concen: 24.335 ng
RT: 12.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

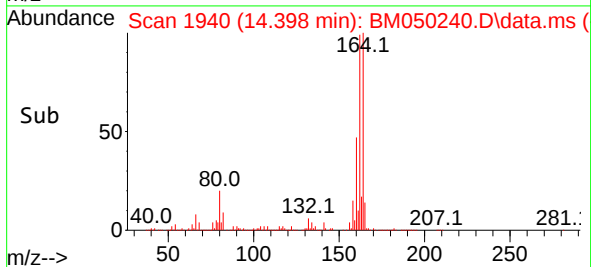
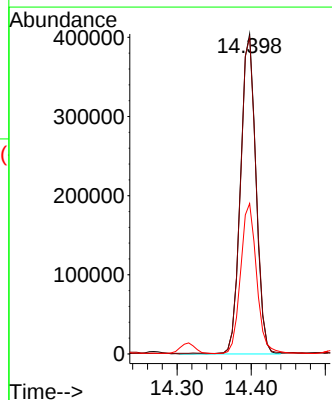
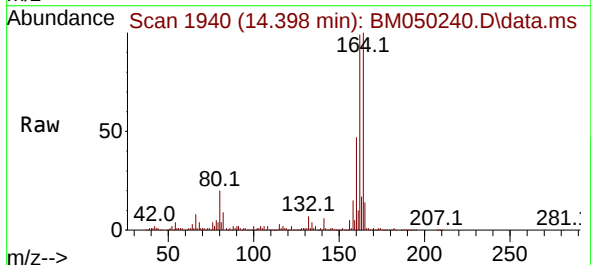
Instrument :
BNA_M
ClientSampleId :
GSB3

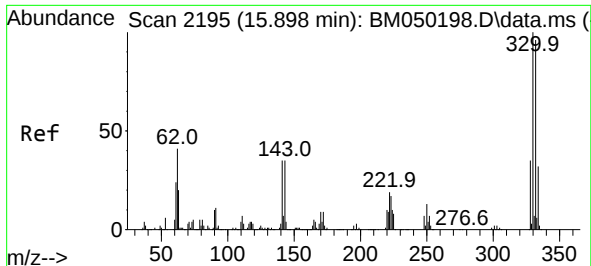
Tgt Ion:142 Resp: 813617
Ion Ratio Lower Upper
142 100
141 90.7 72.9 109.3
116 3.7 3.0 4.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:164 Resp: 581596
Ion Ratio Lower Upper
164 100
162 99.0 80.2 120.4
160 47.0 35.7 53.5

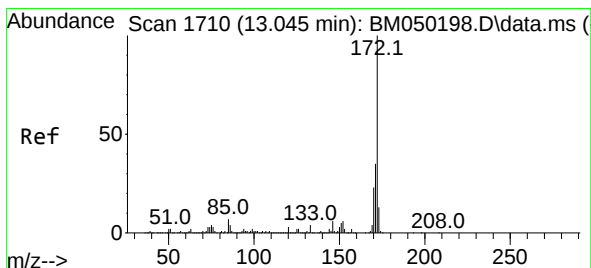
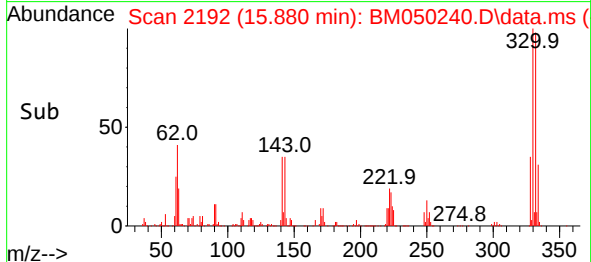
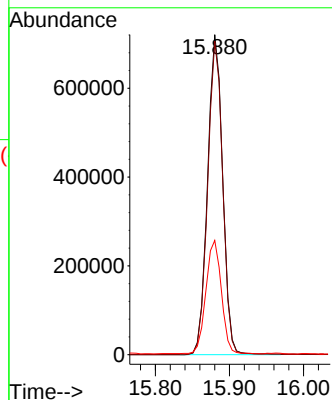
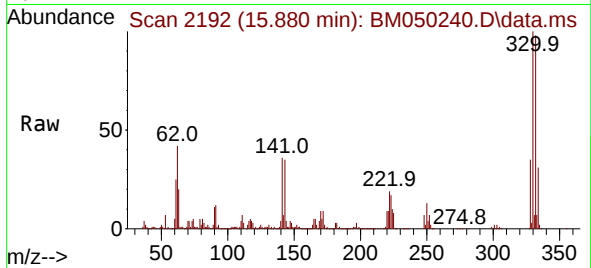




#42
2,4,6-Tribromophenol
Concen: 154.510 ng
RT: 15.880 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

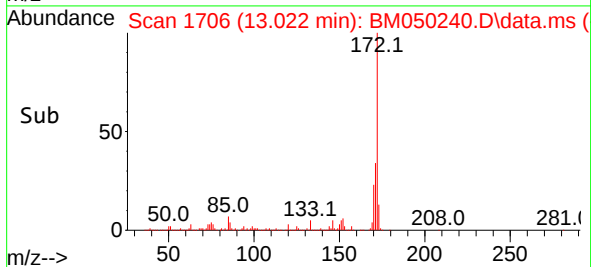
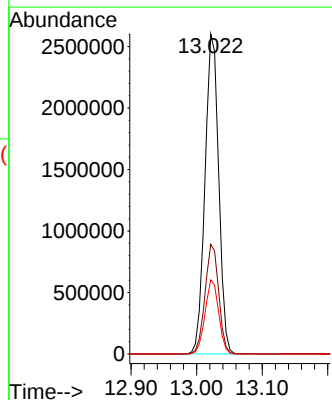
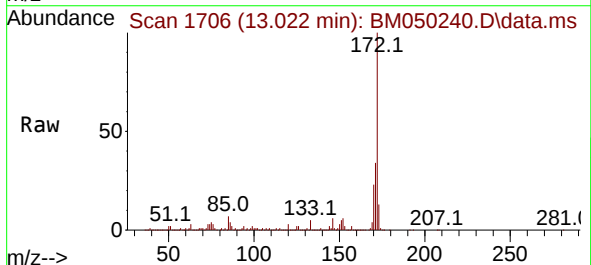
Instrument :
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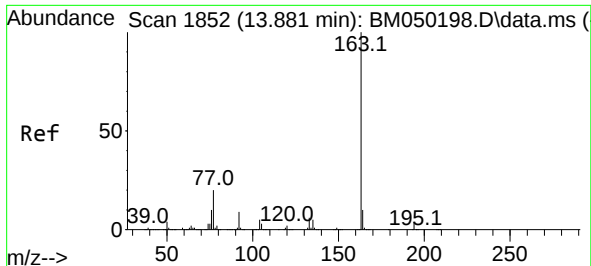
Tgt Ion:330 Resp: 1022118
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 36.3 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 88.348 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:172 Resp: 3795297
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.6
170 23.1 18.6 27.8

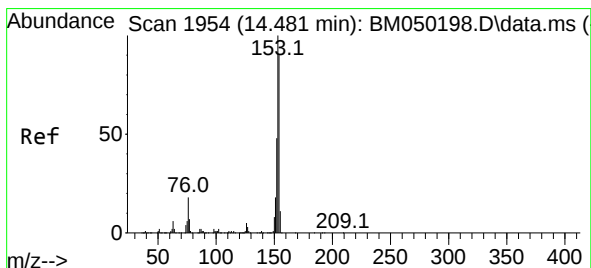
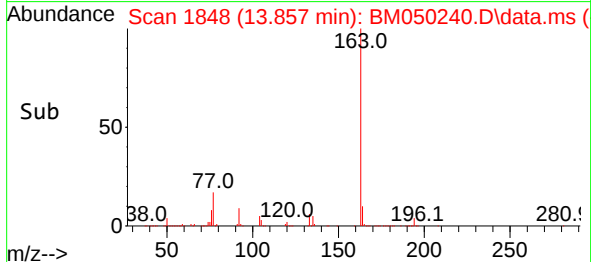
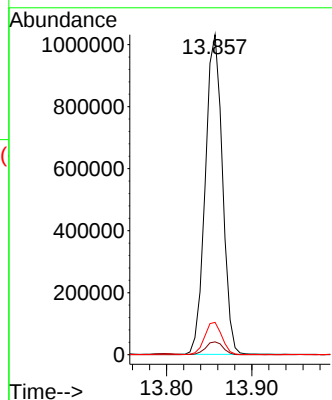
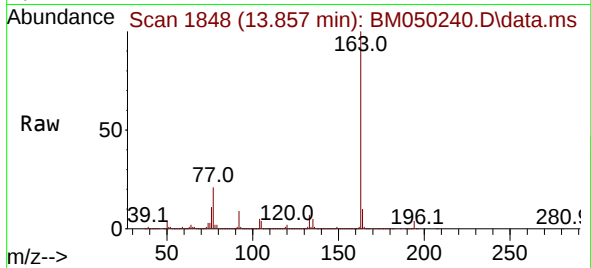




#50
Dimethylphthalate
Concen: 36.620 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

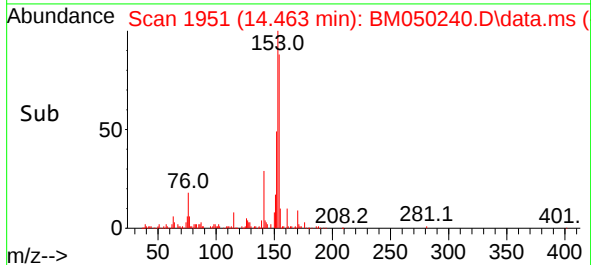
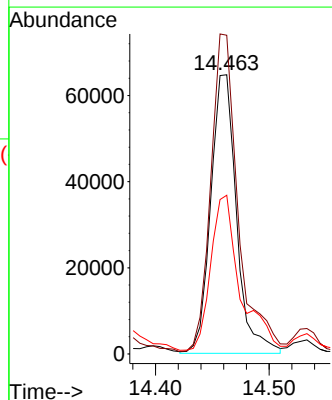
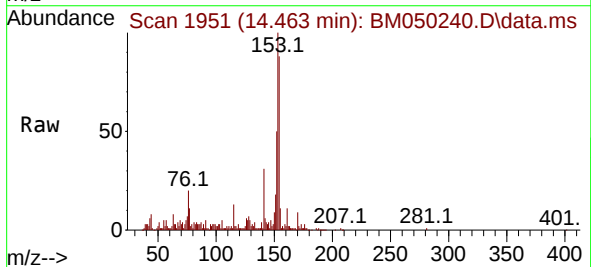
Instrument :
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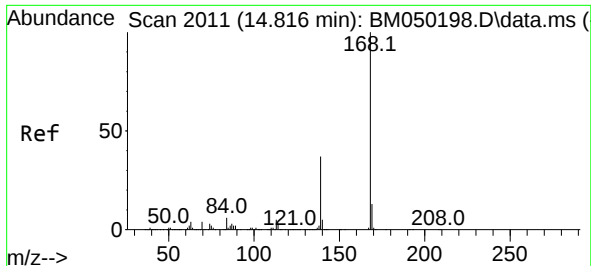
Tgt Ion:163 Resp: 1440398
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 7.9 11.9



#52
Acenaphthene
Concen: 2.976 ng
RT: 14.463 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:154 Resp: 101935
Ion Ratio Lower Upper
154 100
153 114.2 88.7 133.1
152 56.9 42.6 63.8

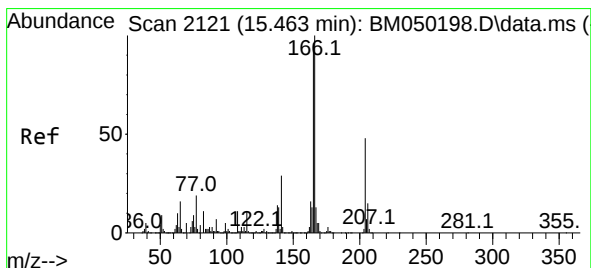
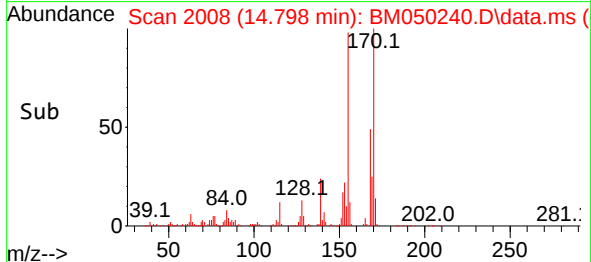
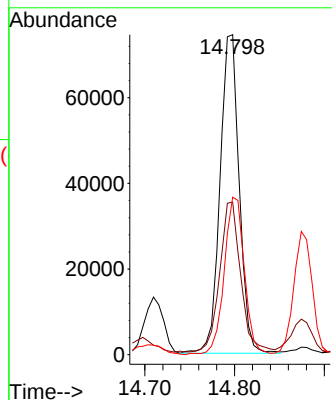
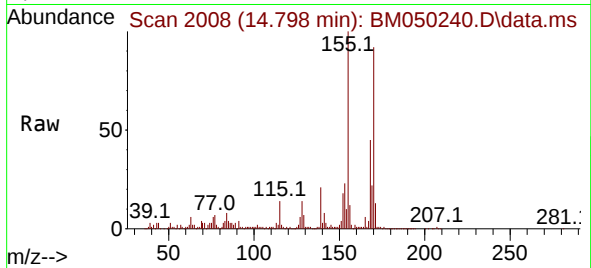




#55
Dibenzofuran
Concen: 2.202 ng
RT: 14.798 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

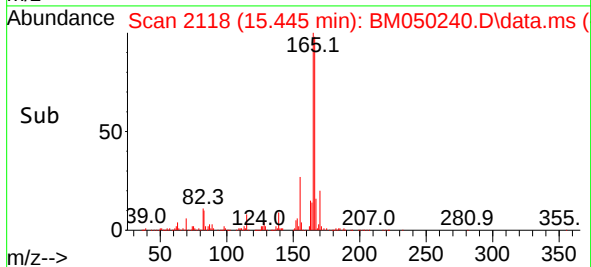
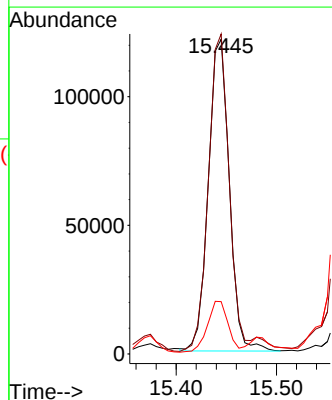
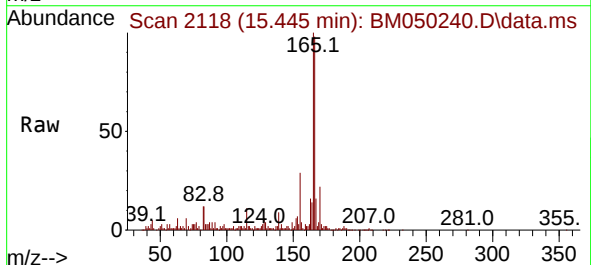
Instrument :
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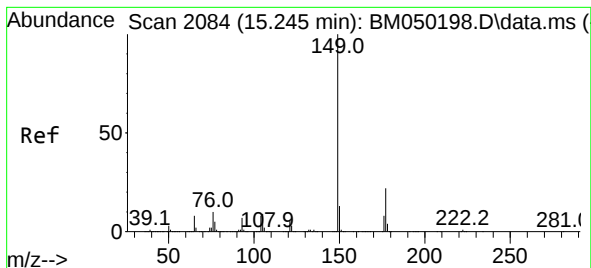
Tgt Ion:168 Resp: 110355
Ion Ratio Lower Upper
168 100
139 47.6 29.9 44.9#
169 49.2 10.6 16.0#



#58
Fluorene
Concen: 4.588 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:166 Resp: 176099
Ion Ratio Lower Upper
166 100
165 101.7 77.0 115.4
167 16.6 10.7 16.1#





#60

Diethylphthalate

Concen: 14.044 ng

RT: 15.221 min Scan# 2084

Delta R.T. -0.006 min

Lab File: BM050240.D

Acq: 09 Jun 2025 13:29

Instrument :

BNA_M

ClientSampleId :

GSB3

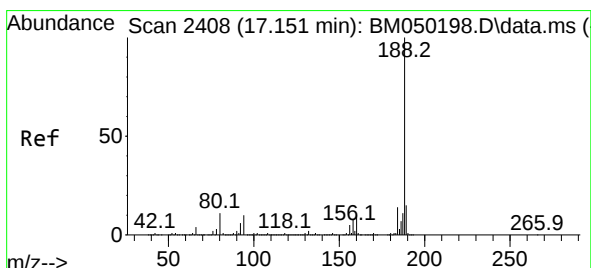
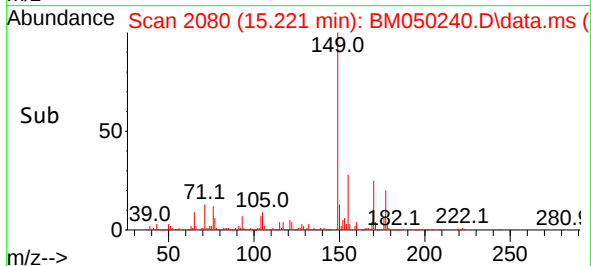
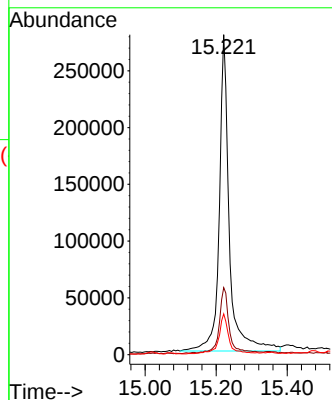
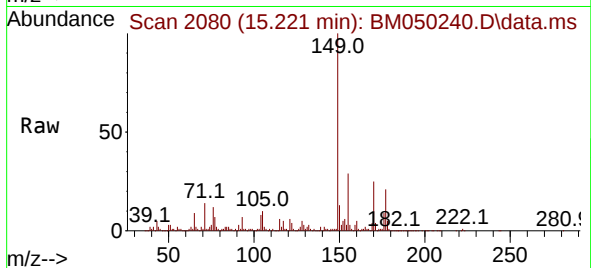
Tgt Ion:149 Resp: 548102

Ion Ratio Lower Upper

149 100

177 20.9 17.2 25.8

150 12.7 10.0 15.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.133 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BM050240.D

Acq: 09 Jun 2025 13:29

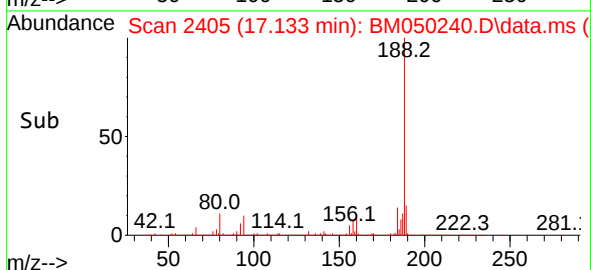
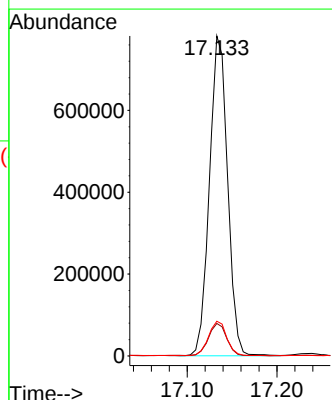
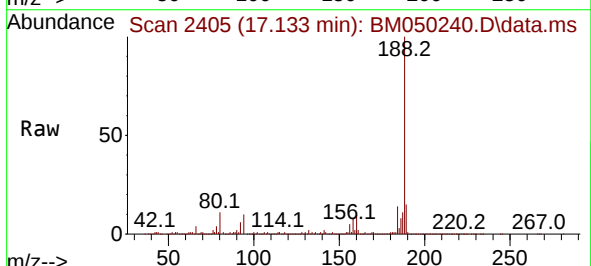
Tgt Ion:188 Resp: 1095565

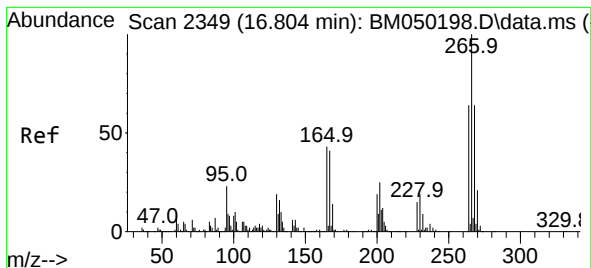
Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

80 10.8 8.6 13.0





#70

Pentachlorophenol

Concen: 2.268 ng

RT: 16.786 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050240.D

Acq: 09 Jun 2025 13:29

Instrument :

BNA_M

ClientSampleId :

GSB3

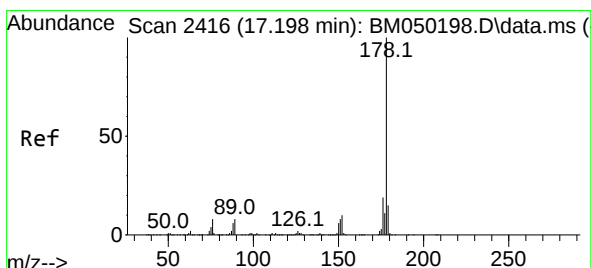
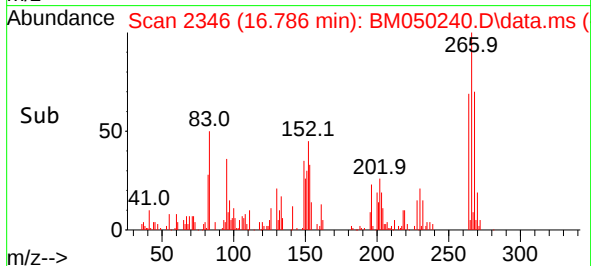
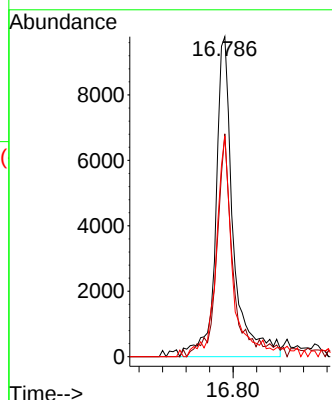
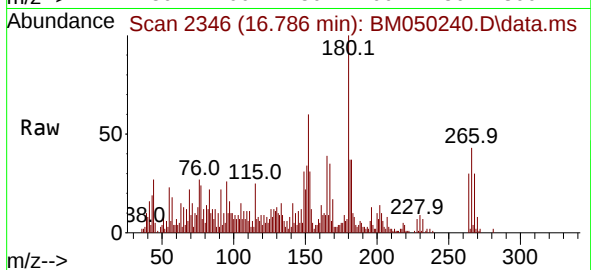
Tgt Ion:266 Resp: 20129

Ion Ratio Lower Upper

266 100

268 69.6 51.0 76.6

264 68.9 50.8 76.2



#71

Phenanthrene

Concen: 4.756 ng

RT: 17.174 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BM050240.D

Acq: 09 Jun 2025 13:29

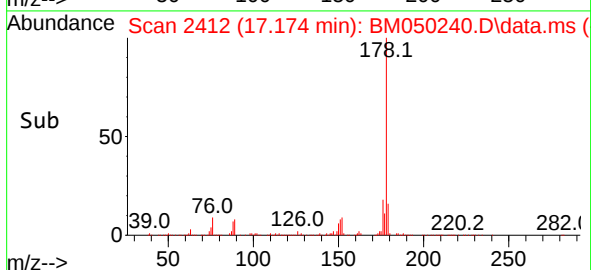
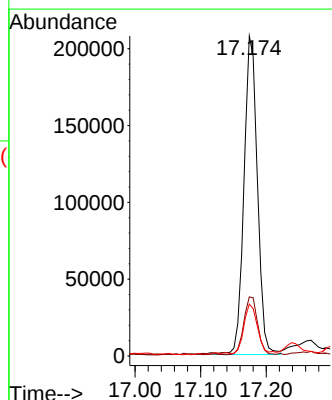
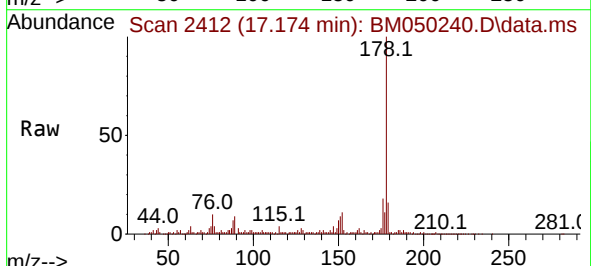
Tgt Ion:178 Resp: 297659

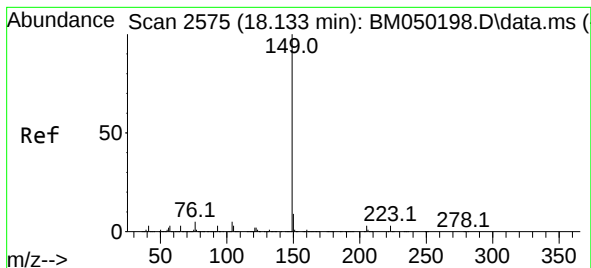
Ion Ratio Lower Upper

178 100

176 18.4 15.6 23.4

179 16.2 12.3 18.5





#74

Di-n-butylphthalate

Concen: 10.291 ng

RT: 18.115 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050240.D

Acq: 09 Jun 2025 13:29

Instrument :

BNA_M

ClientSampleId :

GSB3

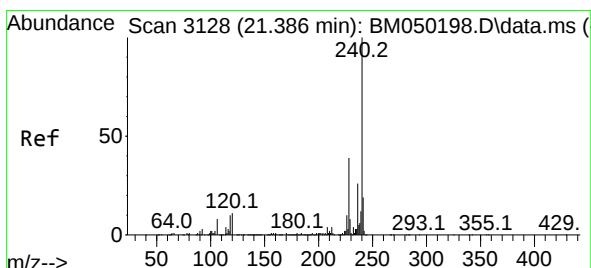
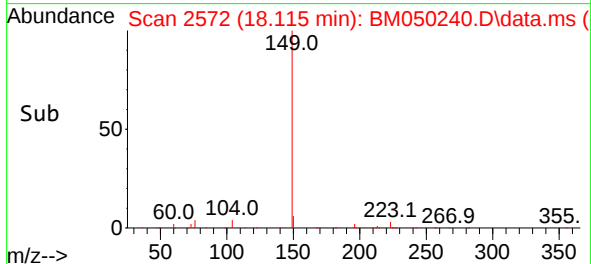
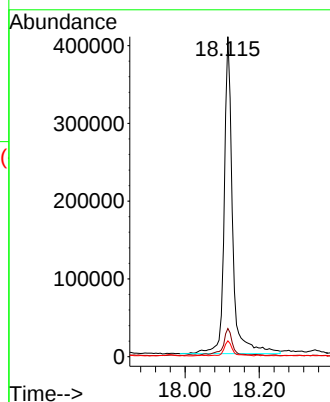
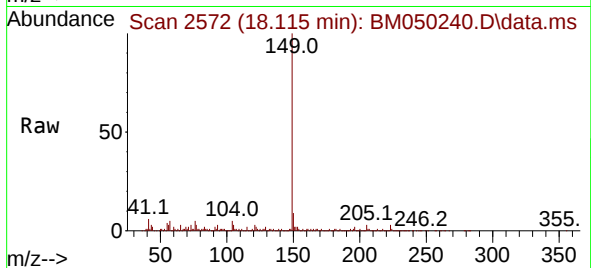
Tgt Ion:149 Resp: 638718

Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.0

104 5.0 4.0 6.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.362 min Scan# 3124

Delta R.T. -0.012 min

Lab File: BM050240.D

Acq: 09 Jun 2025 13:29

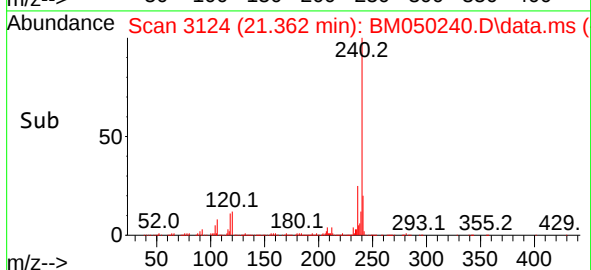
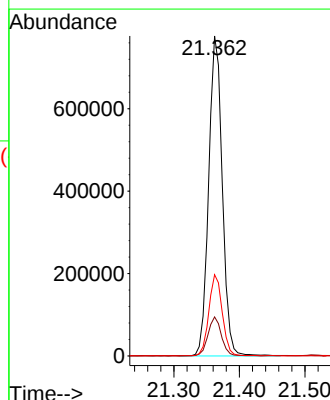
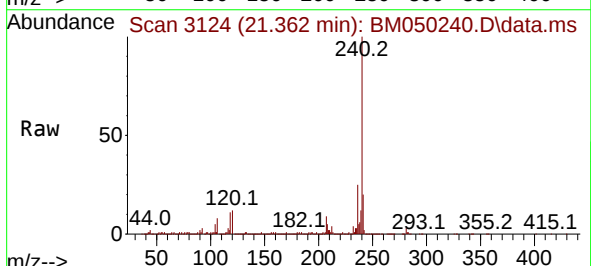
Tgt Ion:240 Resp: 1122304

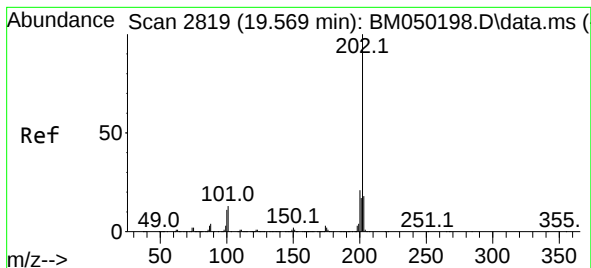
Ion Ratio Lower Upper

240 100

120 12.2 9.0 13.4

236 25.4 20.7 31.1





#78

Pyrene

Concen: 2.218 ng

RT: 19.550 min Scan# 2816

Delta R.T. -0.006 min

Lab File: BM050240.D

Acq: 09 Jun 2025 13:29

Instrument :

BNA_M

ClientSampleId :

GSB3

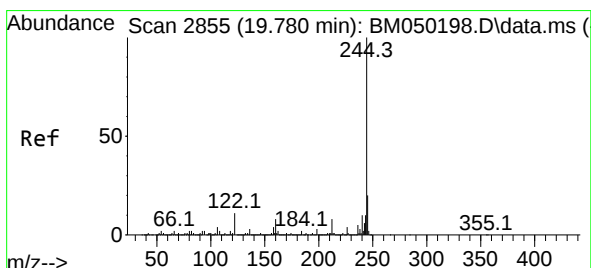
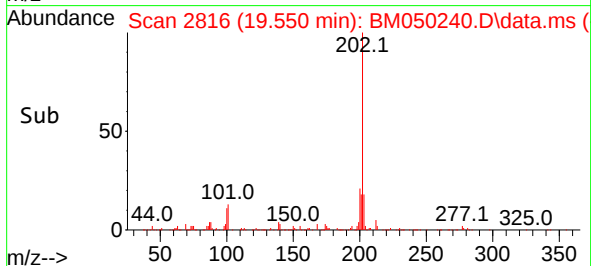
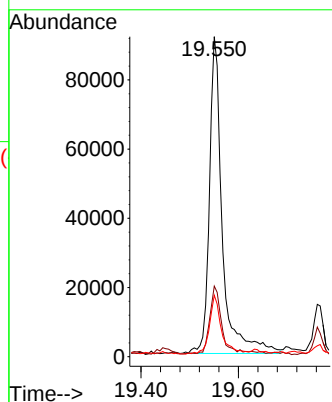
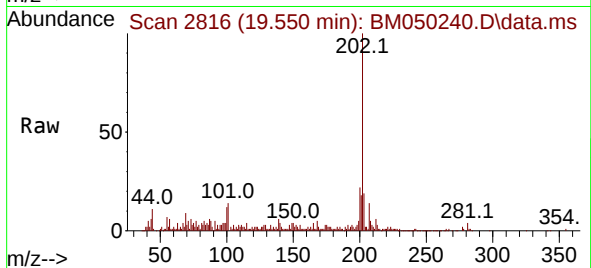
Tgt Ion:202 Resp: 167785

Ion Ratio Lower Upper

202 100

200 22.1 16.7 25.1

203 19.2 14.1 21.1



#79

Terphenyl-d14

Concen: 90.067 ng

RT: 19.762 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BM050240.D

Acq: 09 Jun 2025 13:29

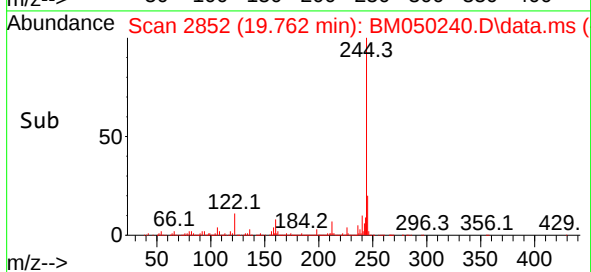
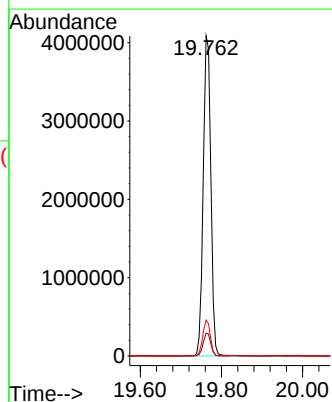
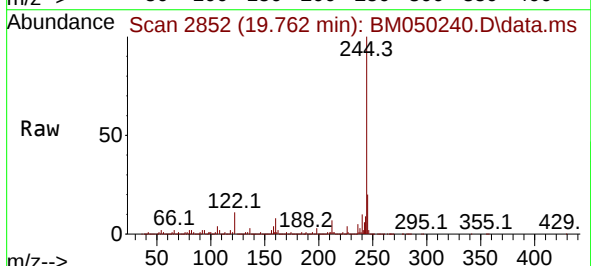
Tgt Ion:244 Resp: 5334082

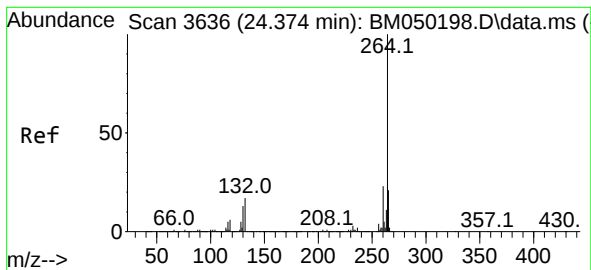
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 11.2 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.338 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion:264 Resp: 1282474

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	28.0
265	21.7	16.8	25.2

