

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050237.D
 Acq On : 09 Jun 2025 11:26
 Operator : RC/JU
 Sample : PB168340BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 09 12:21:53 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	308898	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	1157442	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	647360	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1268443	20.000	ng	0.00
76) Chrysene-d12	21.368	240	1357312	20.000	ng	0.00
86) Perylene-d12	24.344	264	1477668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2728386	147.341	ng	0.00
7) Phenol-d6	6.934	99	3343794	137.173	ng	0.00
23) Nitrobenzene-d5	8.916	82	1971126	88.570	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1112019	151.023	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4271637	89.335	ng	0.00
79) Terphenyl-d14	19.768	244	6189153	86.410	ng	0.00

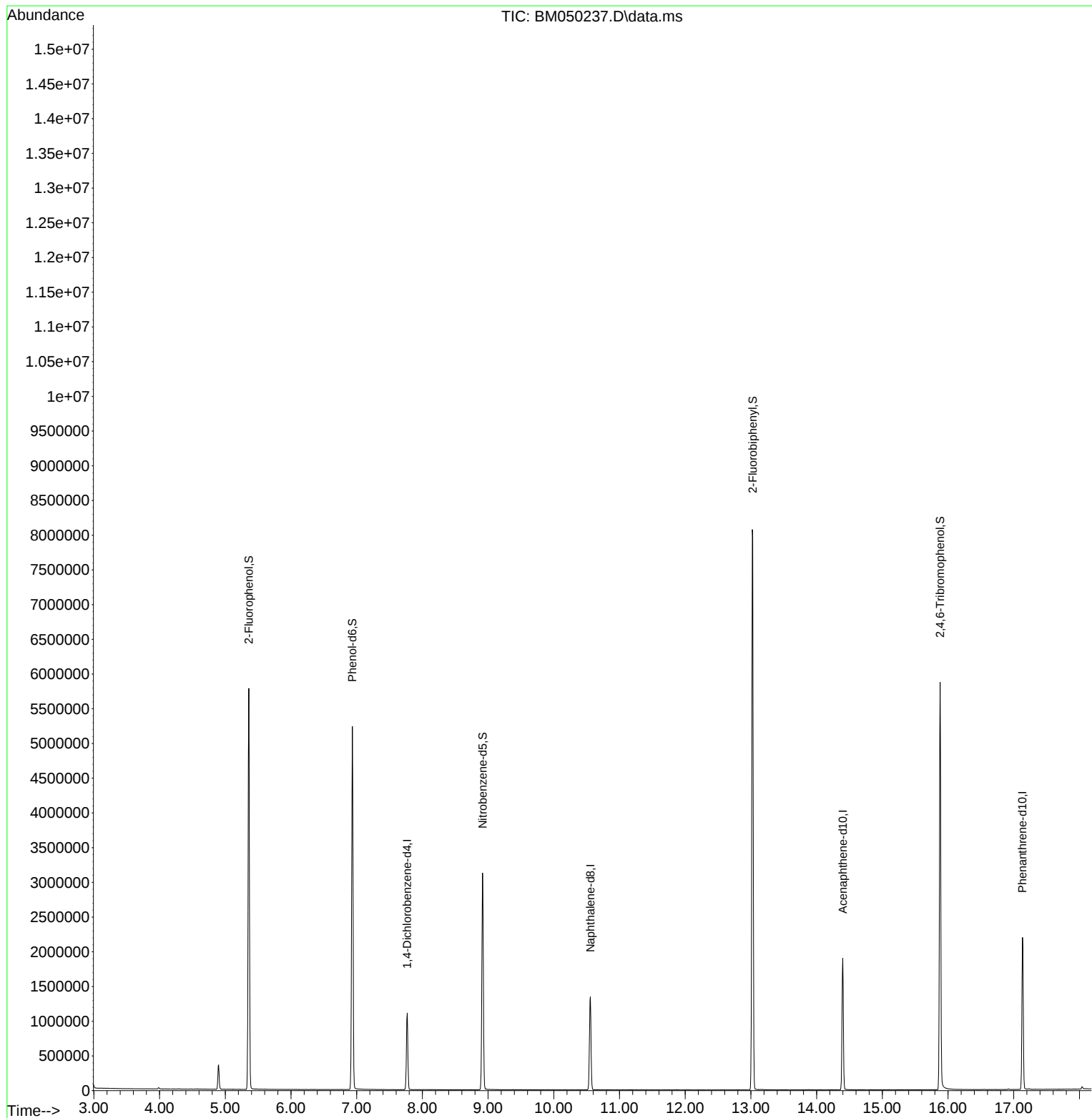
Target Compounds	Qvalue

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

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Instrument :
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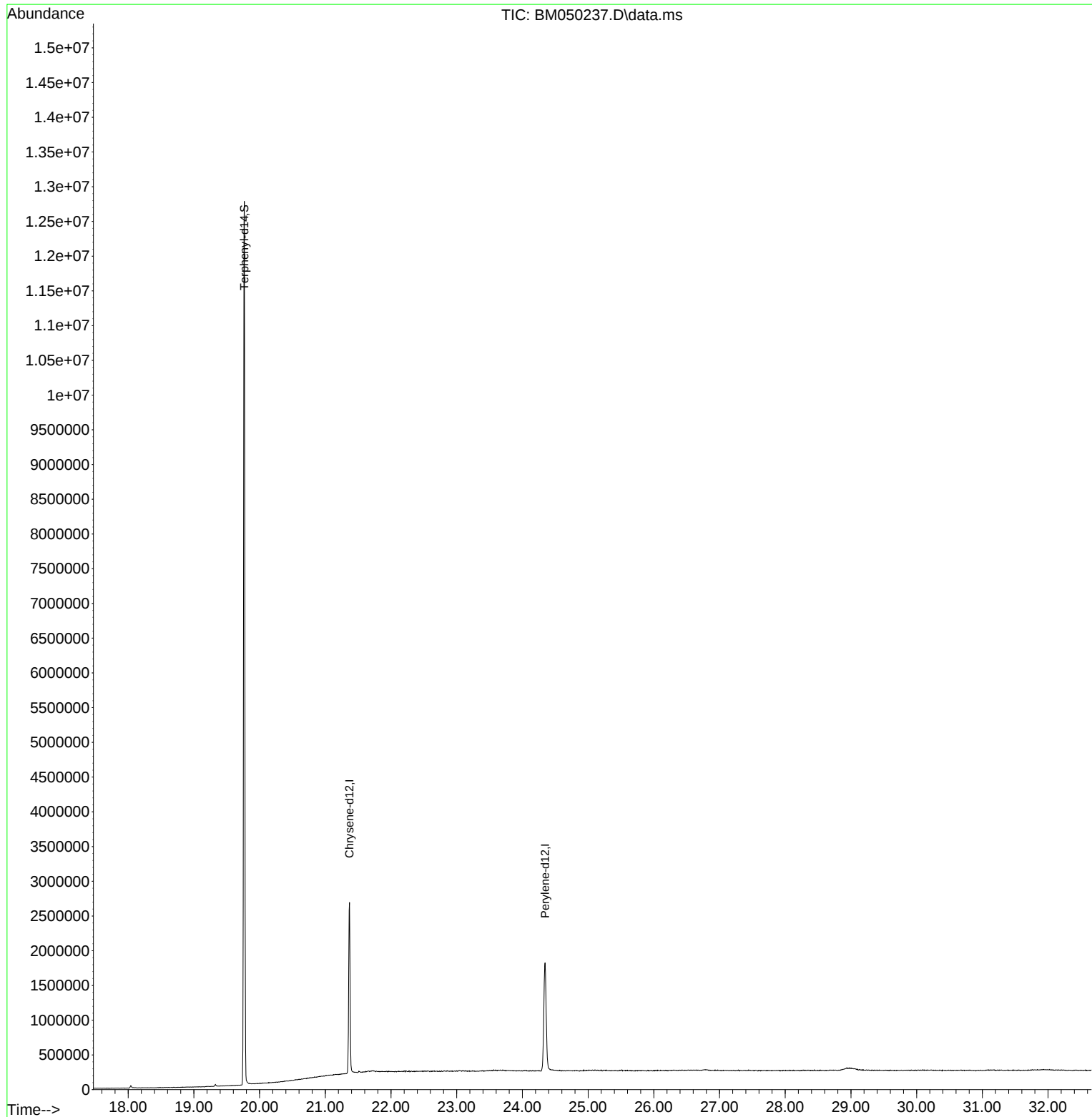
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
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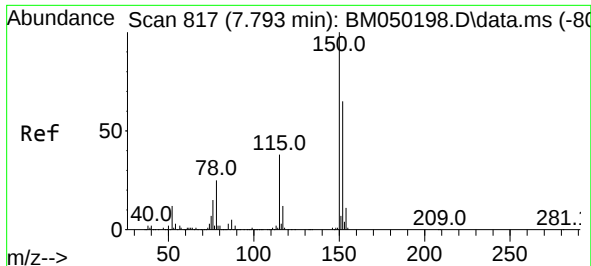


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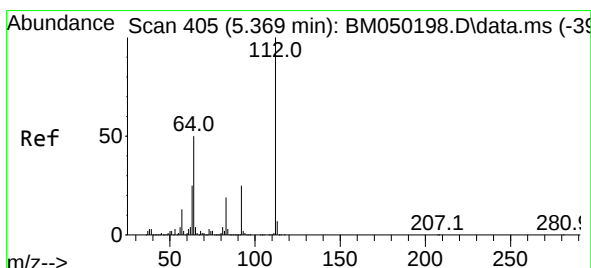
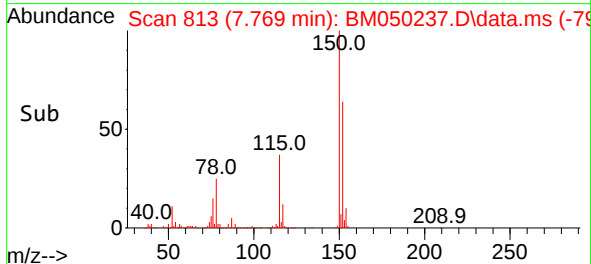
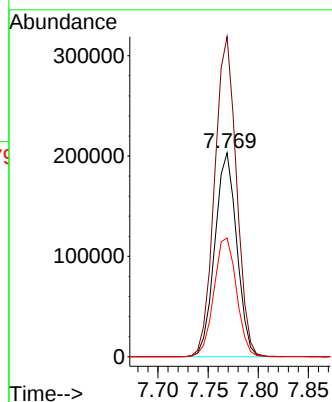
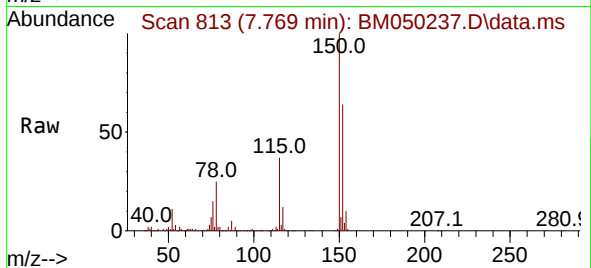




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 817
Delta R.T. -0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

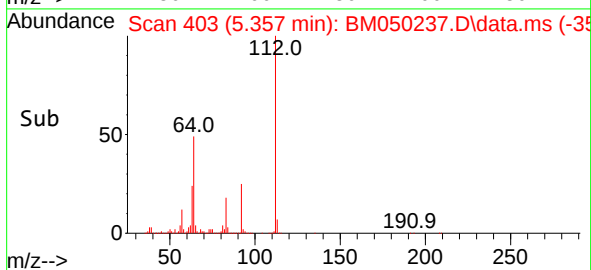
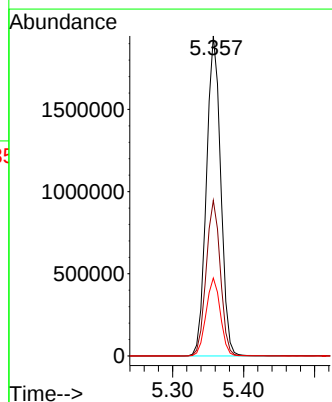
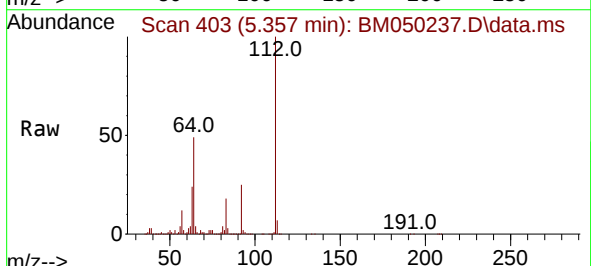
Instrument :
BNA_M
ClientSampleId :

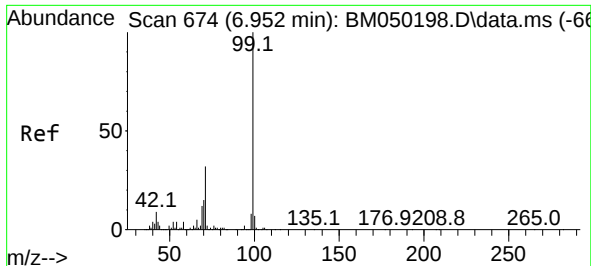
Tgt Ion:152 Resp: 308898
Ion Ratio Lower Upper
152 100
150 157.0 122.2 183.4
115 58.2 46.3 69.5



#5
2-Fluorophenol
Concen: 147.341 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Tgt Ion:112 Resp: 2728386
Ion Ratio Lower Upper
112 100
64 48.6 39.8 59.6
63 24.4 19.8 29.8

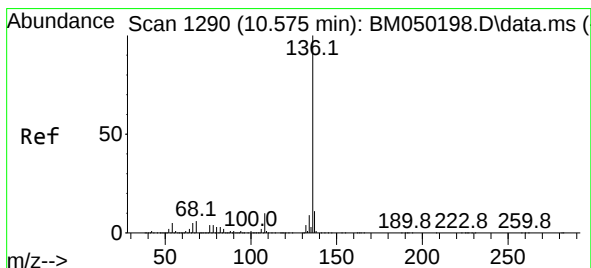
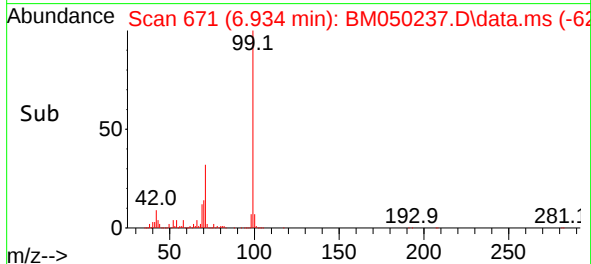
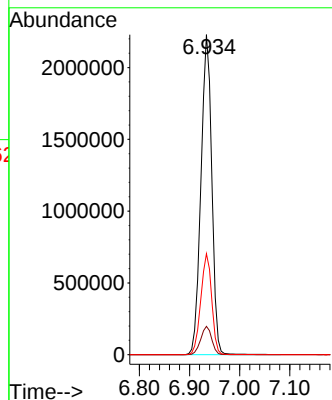
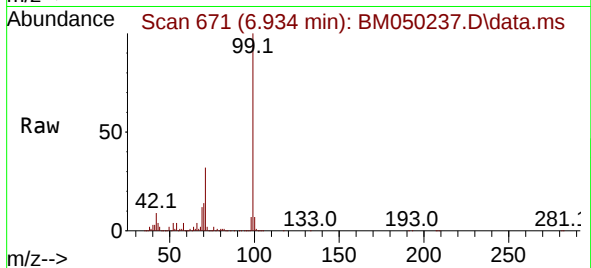




#7
Phenol-d6
Concen: 137.173 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

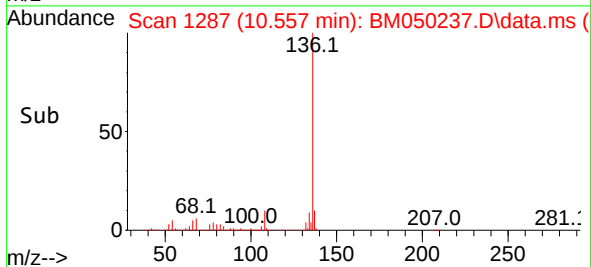
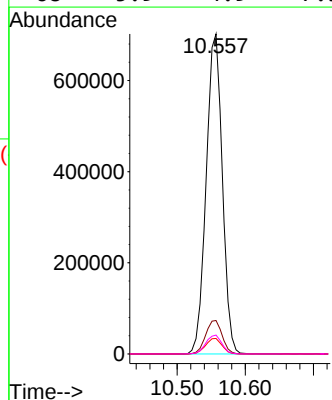
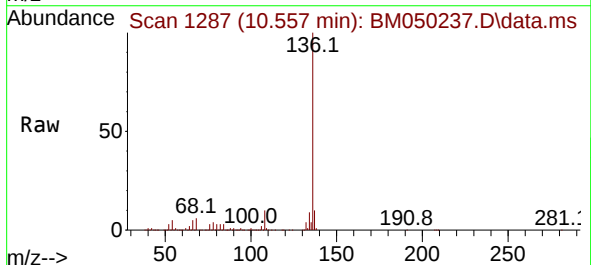
Instrument :
BNA_M
ClientSampleId :

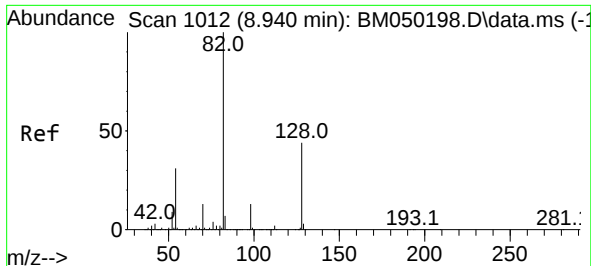
Tgt Ion: 99 Resp: 3343794
Ion Ratio Lower Upper
99 100
42 8.9 6.9 10.3
71 31.6 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Tgt Ion: 136 Resp: 1157442
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 4.9 3.8 5.8
68 5.9 4.9 7.3

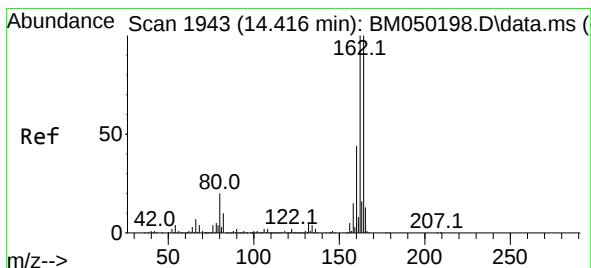
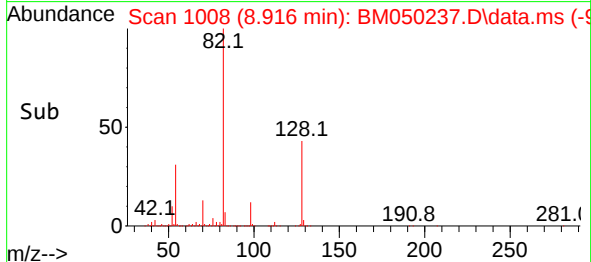
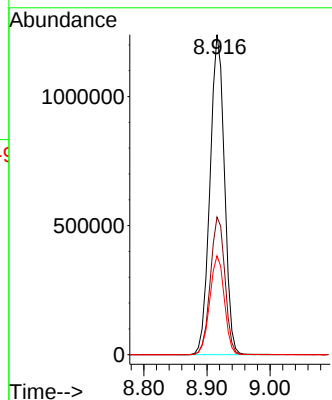
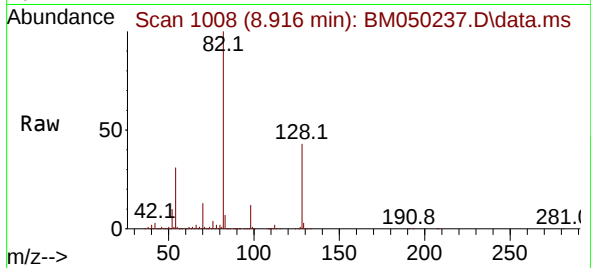




#23
Nitrobenzene-d5
Concen: 88.570 ng
RT: 8.916 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

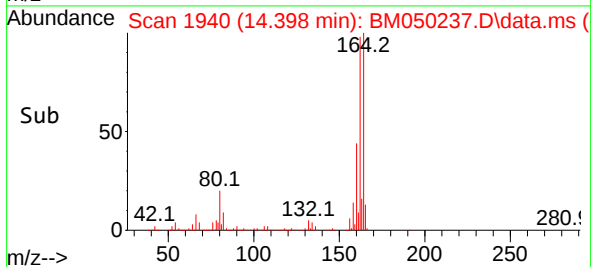
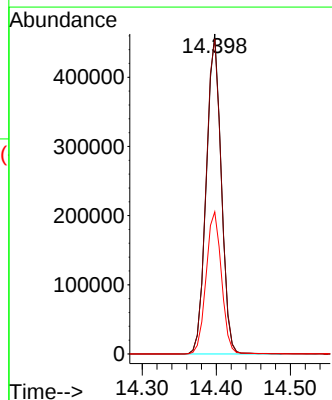
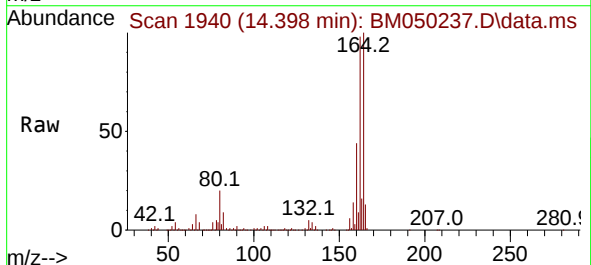
Instrument :
BNA_M
ClientSampleId :

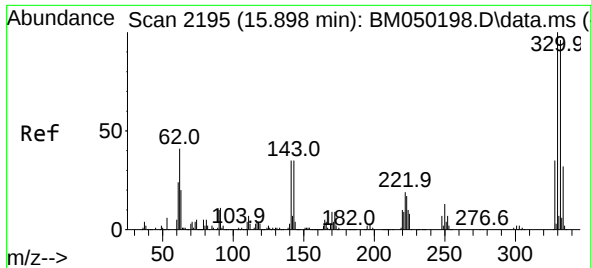
Tgt Ion: 82 Resp: 1971126
Ion Ratio Lower Upper
82 100
128 43.0 35.2 52.8
54 30.9 24.5 36.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

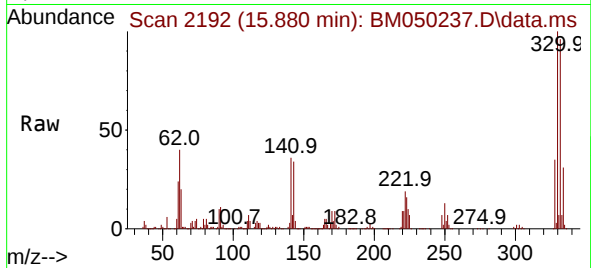
Tgt Ion: 164 Resp: 647360
Ion Ratio Lower Upper
164 100
162 98.4 80.2 120.4
160 44.4 35.7 53.5



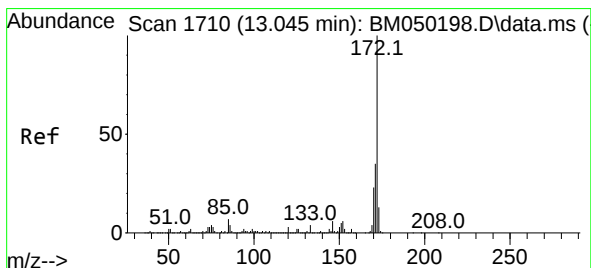
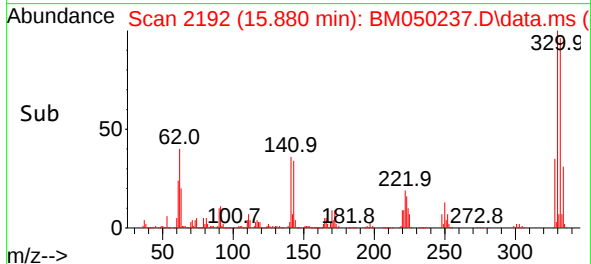
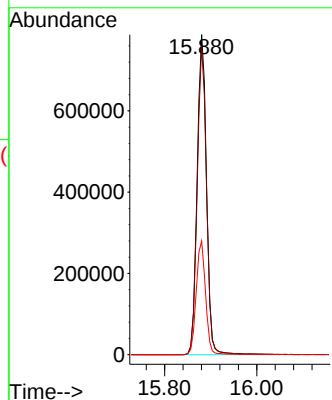


#42
2,4,6-Tribromophenol
Concen: 151.023 ng
RT: 15.880 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Instrument :
BNA_M
ClientSampleId :

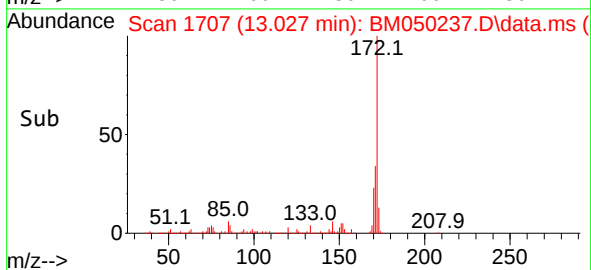
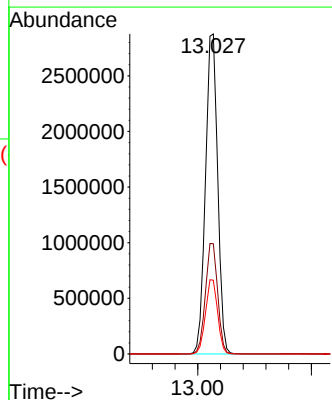
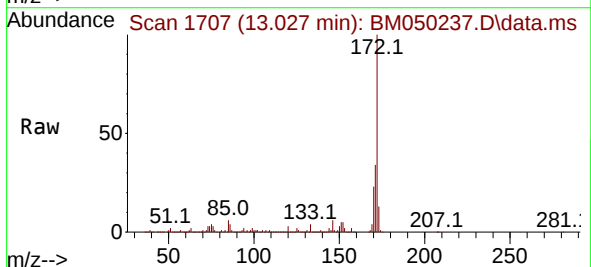


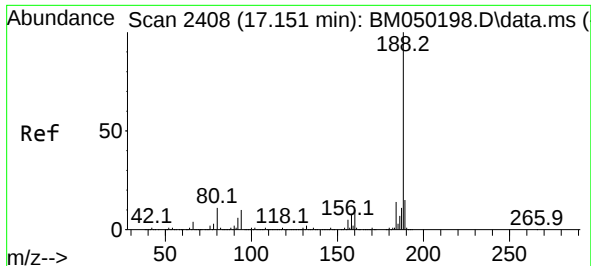
Tgt Ion:330 Resp: 1112019
Ion Ratio Lower Upper
330 100
332 95.5 77.5 116.3
141 35.5 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 89.335 ng
RT: 13.027 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Tgt Ion:172 Resp: 4271637
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 23.0 18.6 27.8

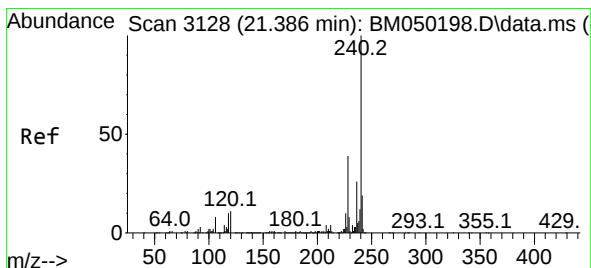
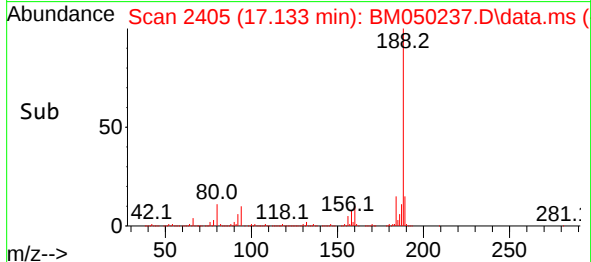
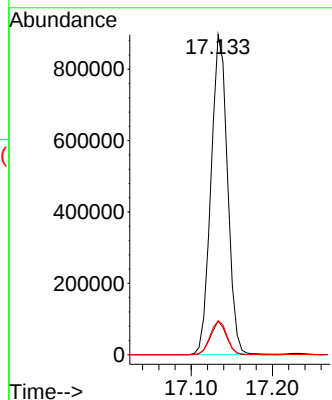
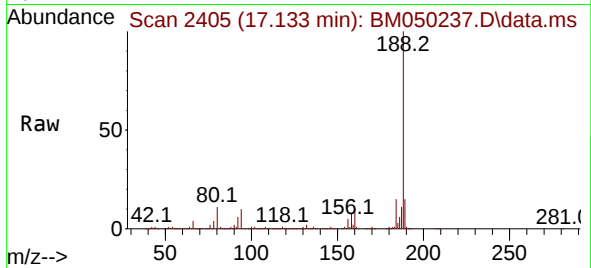




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

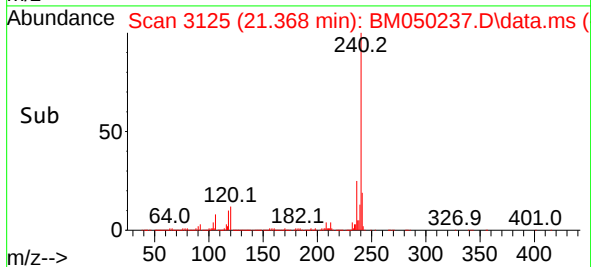
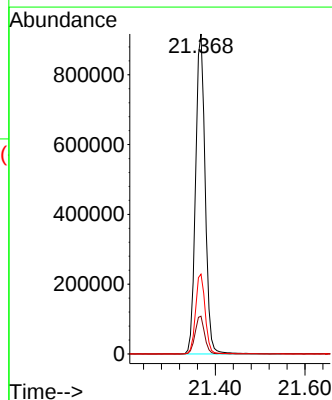
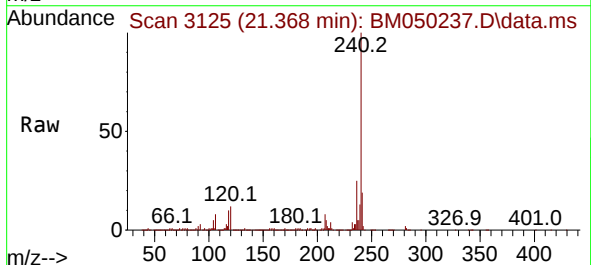
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BNA_M
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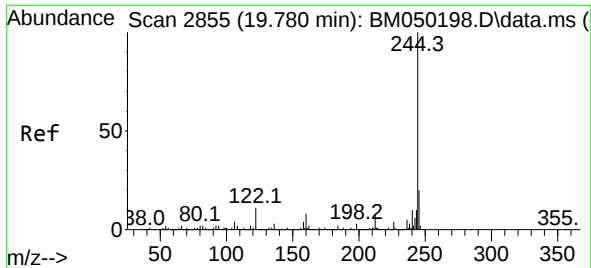
Tgt Ion:188 Resp: 1268443
Ion Ratio Lower Upper
188 100
94 10.5 8.1 12.1
80 10.6 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

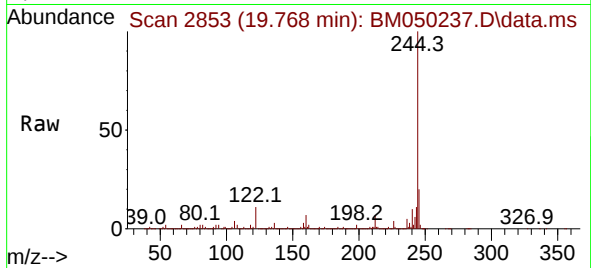
Tgt Ion:240 Resp: 1357312
Ion Ratio Lower Upper
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120 11.8 9.0 13.4
236 25.0 20.7 31.1



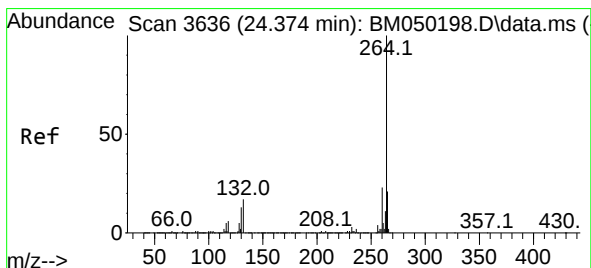
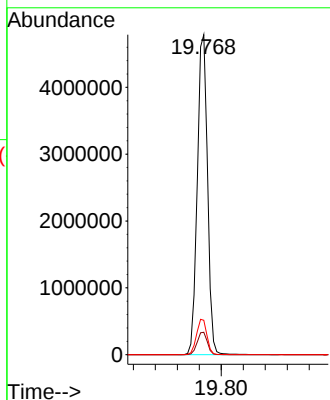
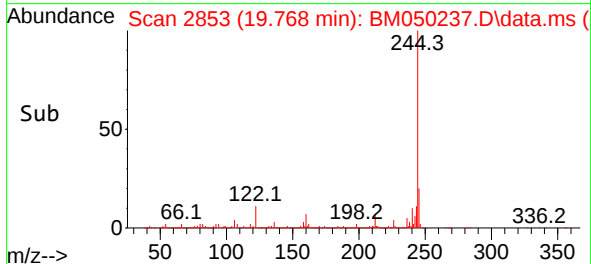


#79
 Terphenyl-d14
 Concen: 86.410 ng
 RT: 19.768 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM050237.D
 Acq: 09 Jun 2025 11:26

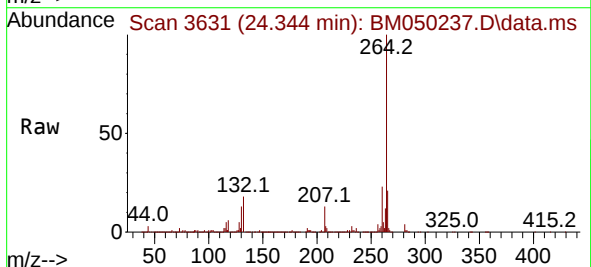
Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:244 Resp: 6189153
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.344 min Scan# 3631
 Delta R.T. 0.000 min
 Lab File: BM050237.D
 Acq: 09 Jun 2025 11:26



Tgt Ion:264 Resp: 1477668
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 21.4 16.8 25.2

