

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050265.D
 Acq On : 10 Jun 2025 06:46
 Operator : RC/JU
 Sample : PB168333TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 10 08:00:37 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	7.763	152	496155	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1851033	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	1041901	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1940129	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1679718	20.000	ng	-0.01
86) Perylene-d12	24.338	264	1603493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	4065423	136.685	ng	0.00
7) Phenol-d6	6.934	99	5032102	128.521	ng	0.00
23) Nitrobenzene-d5	8.916	82	3055307	85.844	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1574905	132.893	ng	0.00
45) 2-Fluorobiphenyl	13.021	172	6378401	82.881	ng	0.00
79) Terphenyl-d14	19.762	244	7779480	87.766	ng	0.00

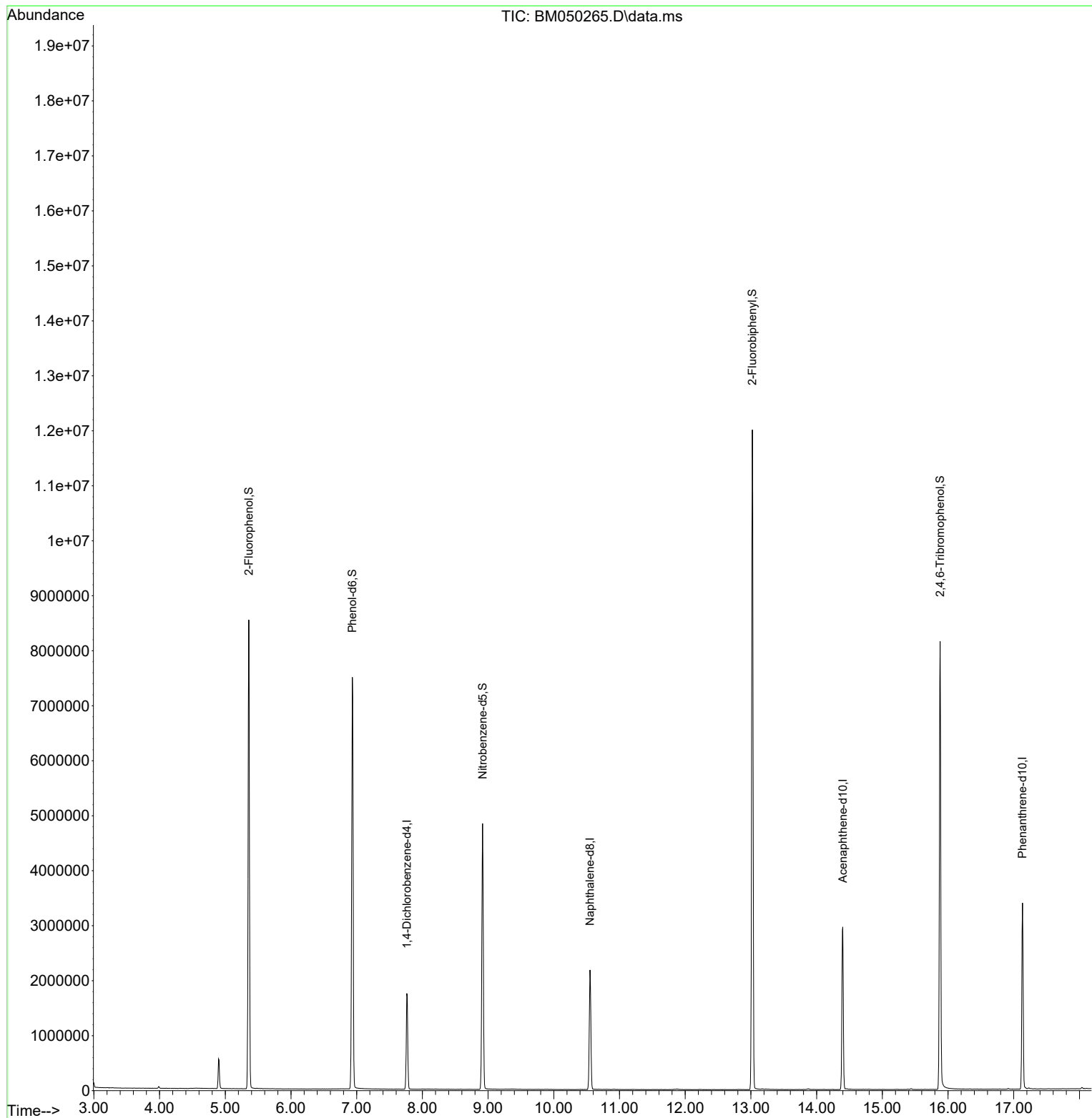
Target Compounds	Qvalue

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

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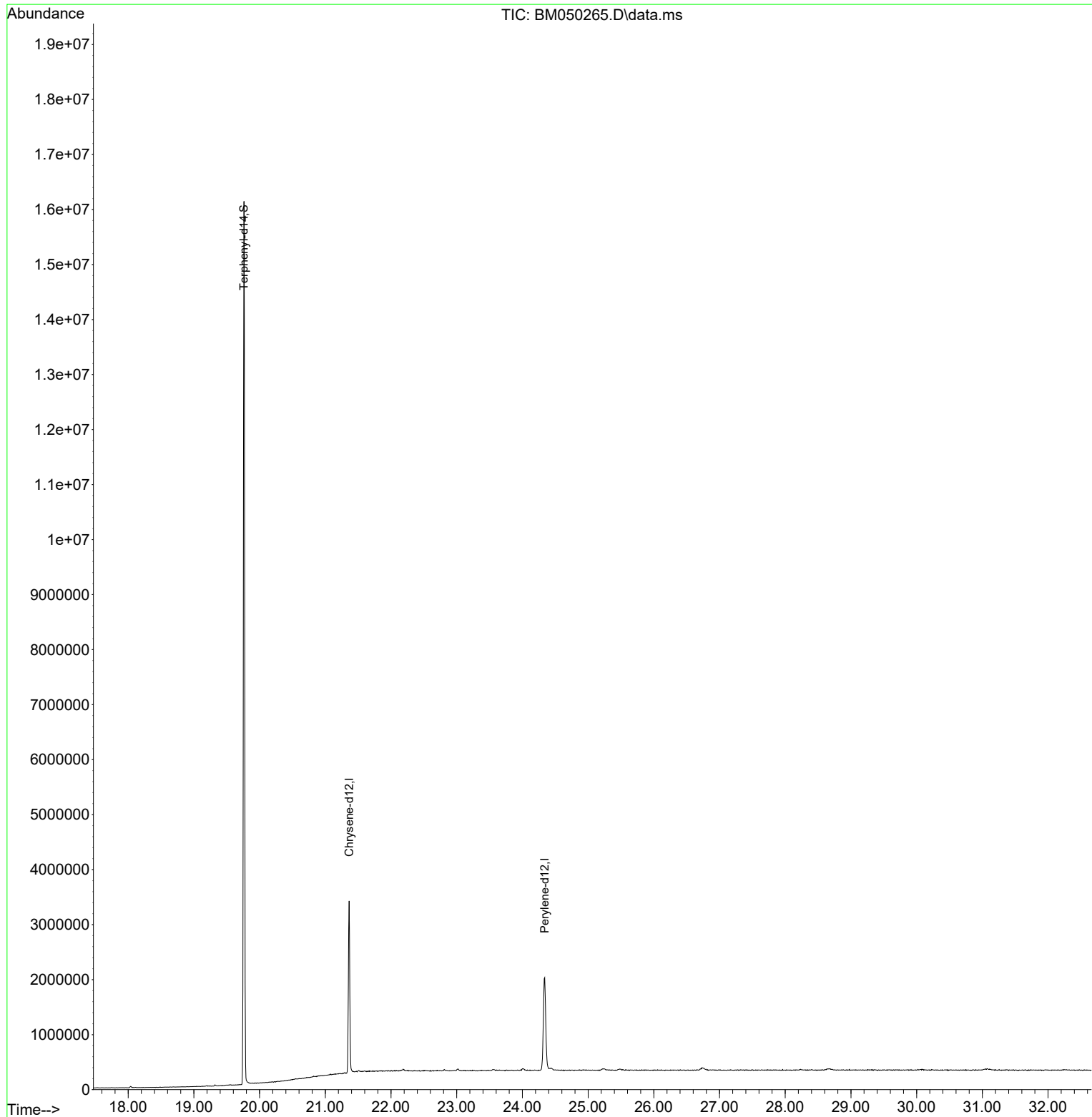
Quant Time: Jun 10 08:00:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
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QLast Update : Mon Jun 09 11:54:38 2025
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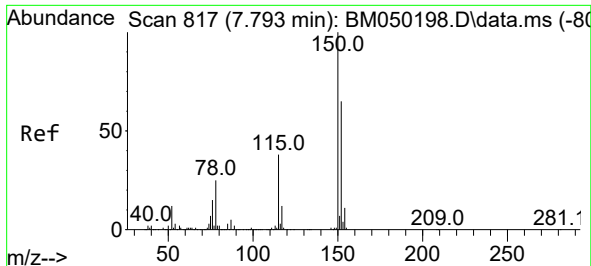


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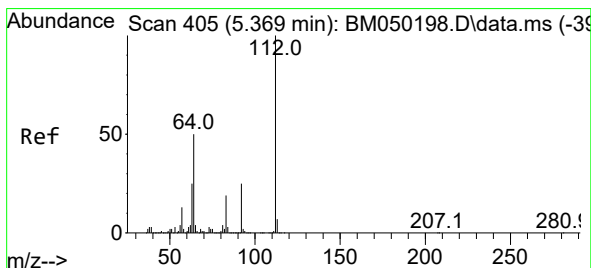
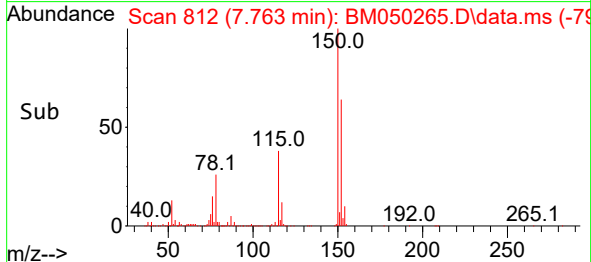
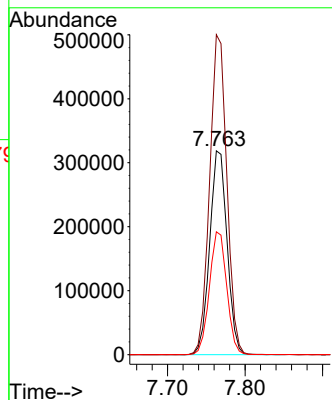
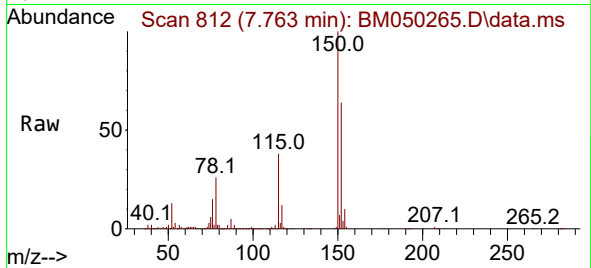




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050265.D
Acq: 10 Jun 2025 06:46

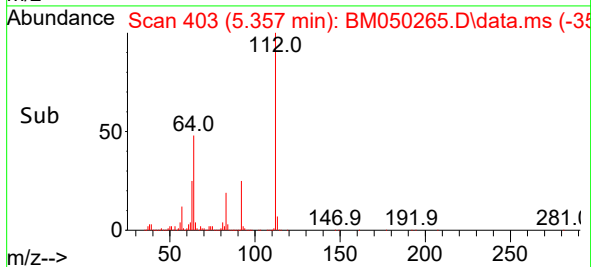
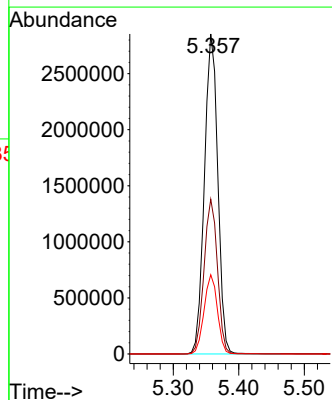
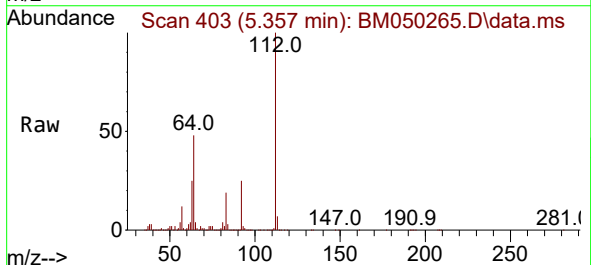
Instrument :
BNA_M
ClientSampleId :

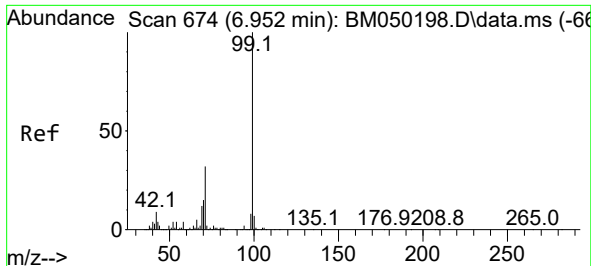
Tgt Ion:152 Resp: 496155
Ion Ratio Lower Upper
152 100
150 157.0 122.2 183.4
115 60.3 46.3 69.5



#5
2-Fluorophenol
Concen: 136.685 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050265.D
Acq: 10 Jun 2025 06:46

Tgt Ion:112 Resp: 4065423
Ion Ratio Lower Upper
112 100
64 48.3 39.8 59.6
63 24.8 19.8 29.8

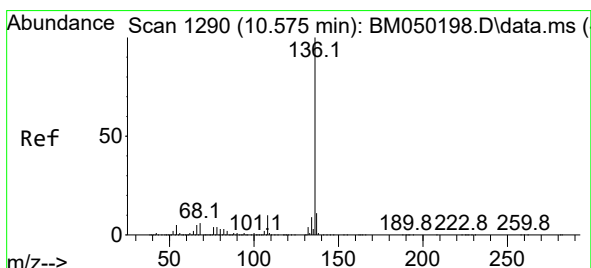
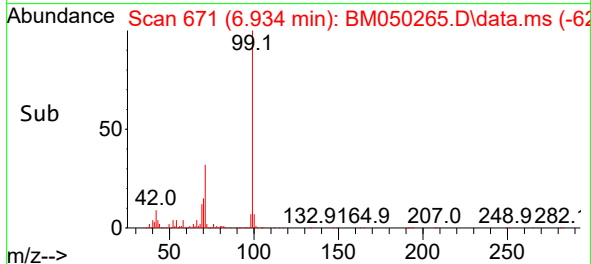
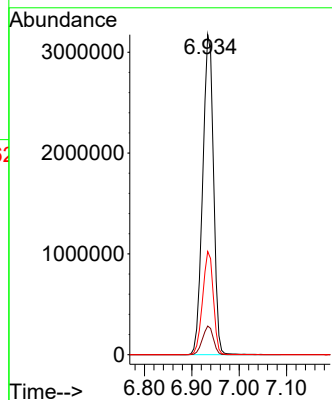
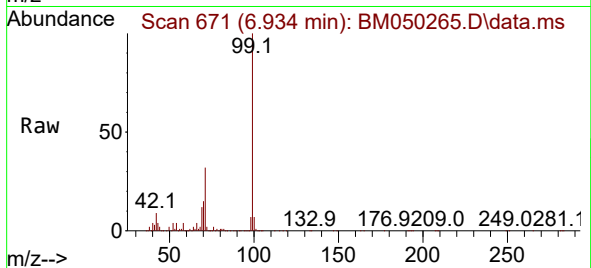




#7
Phenol-d6
Concen: 128.521 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050265.D
Acq: 10 Jun 2025 06:46

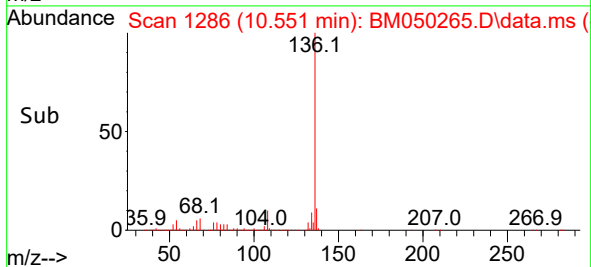
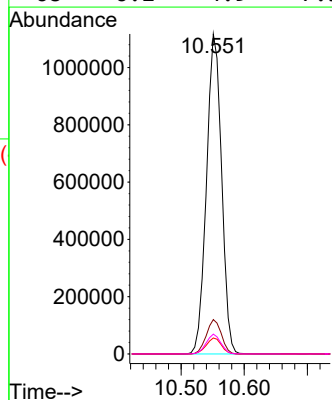
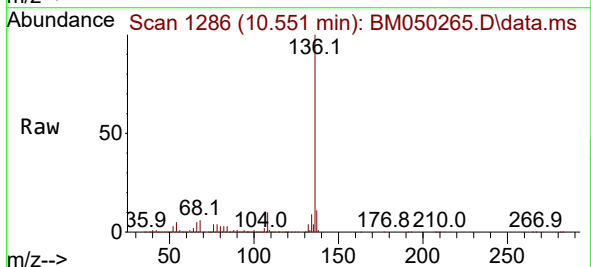
Instrument :
BNA_M
ClientSampleId :

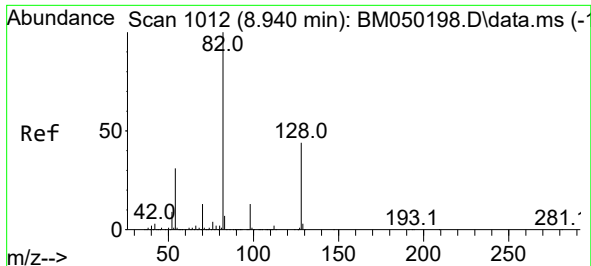
Tgt Ion: 99 Resp: 5032102
Ion Ratio Lower Upper
99 100
42 9.0 6.9 10.3
71 32.3 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050265.D
Acq: 10 Jun 2025 06:46

Tgt Ion: 136 Resp: 1851033
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.0 3.8 5.8
68 6.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 85.844 ng

RT: 8.916 min Scan# 1008

Delta R.T. -0.000 min

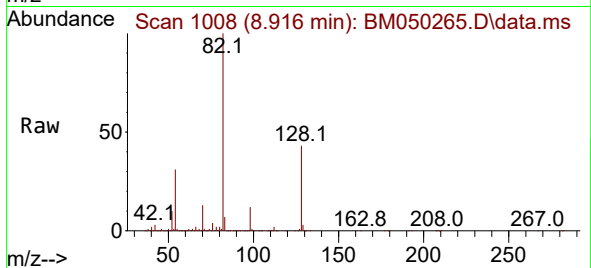
Lab File: BM050265.D

Acq: 10 Jun 2025 06:46

Instrument :

BNA_M

ClientSampleId :



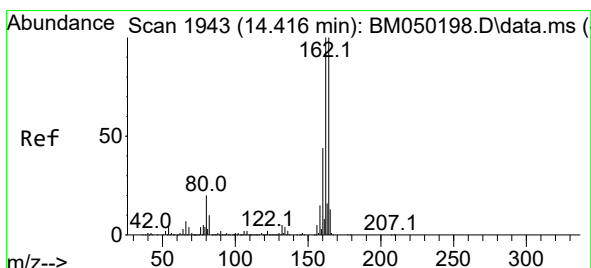
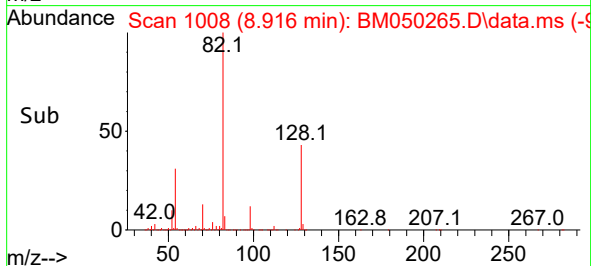
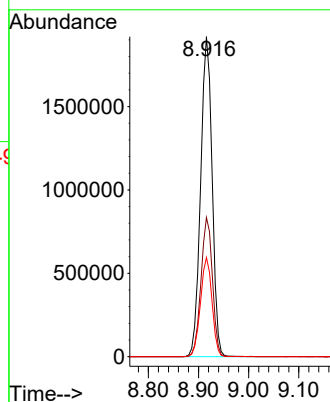
Tgt Ion: 82 Resp: 3055307

Ion Ratio Lower Upper

82 100

128 43.5 35.2 52.8

54 31.0 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: BM050265.D

Acq: 10 Jun 2025 06:46

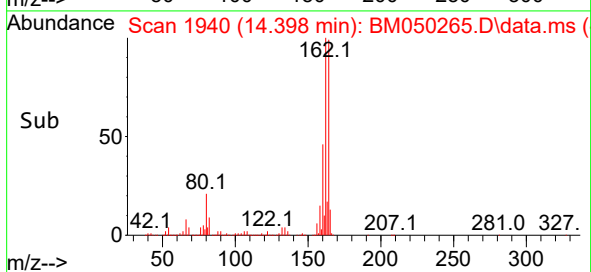
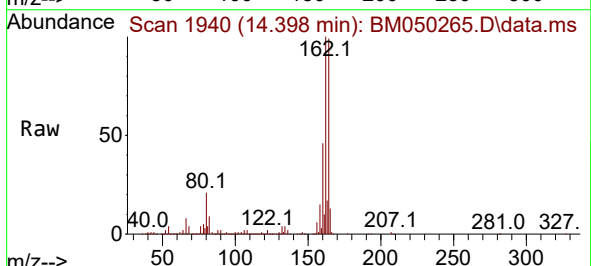
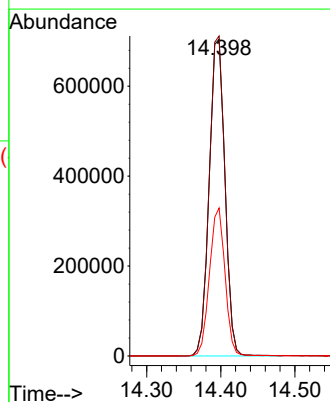
Tgt Ion: 164 Resp: 1041901

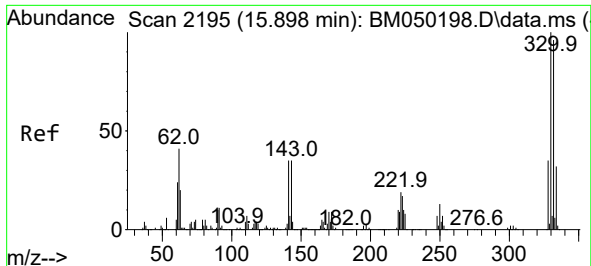
Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.4

160 46.7 35.7 53.5

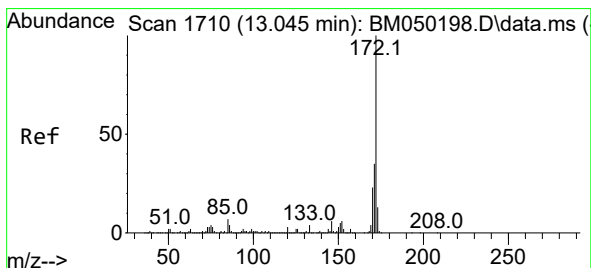
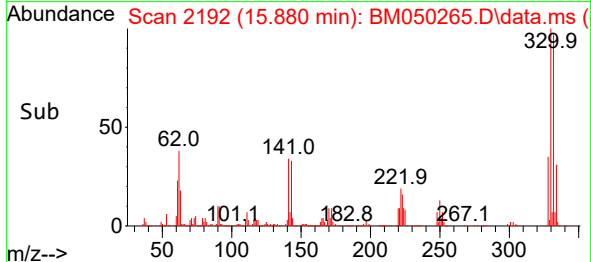
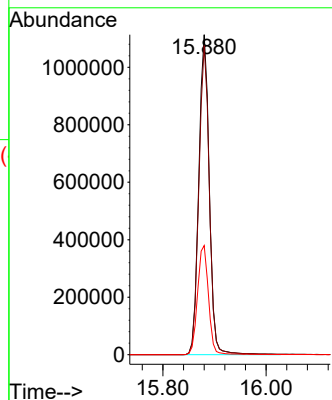
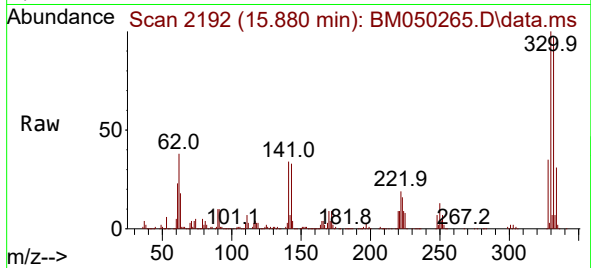




#42
2,4,6-Tribromophenol
Concen: 132.893 ng
RT: 15.880 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM050265.D
Acq: 10 Jun 2025 06:46

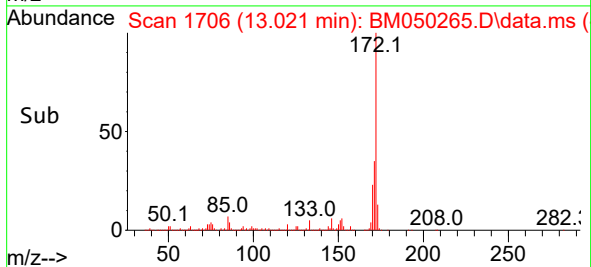
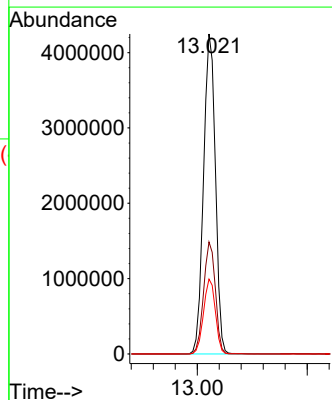
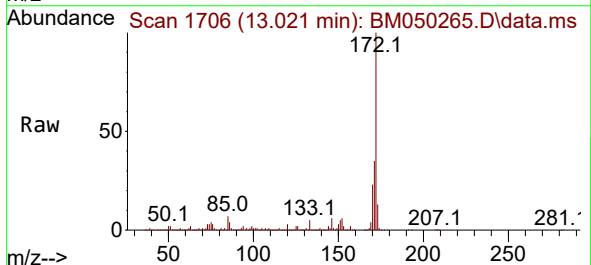
Instrument :
BNA_M
ClientSampleId :

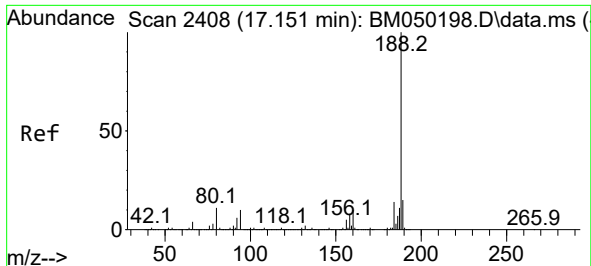
Tgt Ion:330 Resp: 1574905
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 35.6 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 82.881 ng
RT: 13.021 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050265.D
Acq: 10 Jun 2025 06:46

Tgt Ion:172 Resp: 6378401
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.4 18.6 27.8

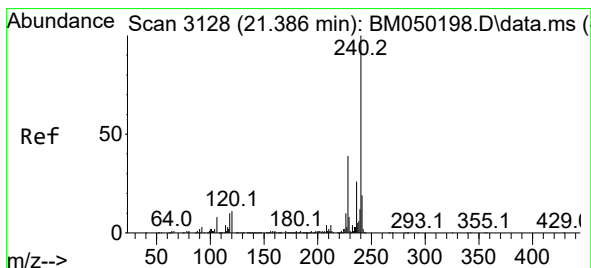
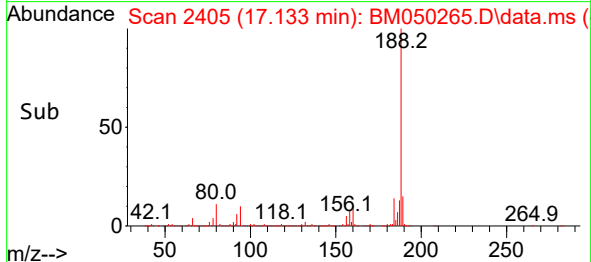
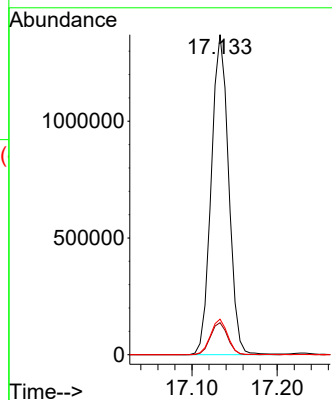
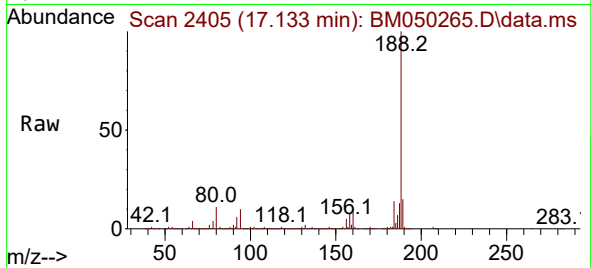




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050265.D
Acq: 10 Jun 2025 06:46

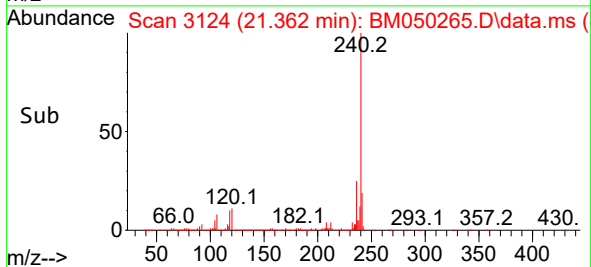
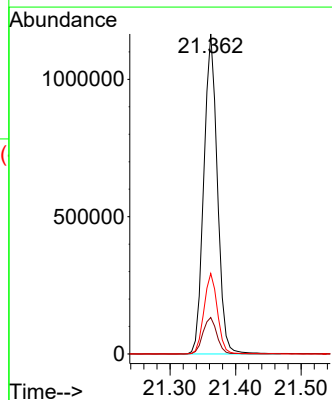
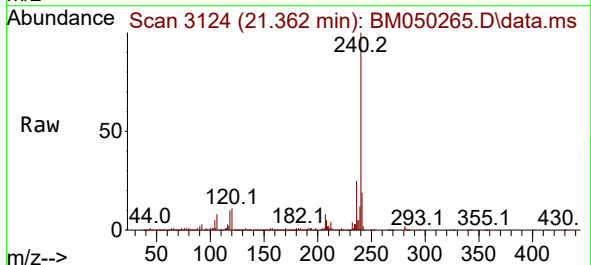
Instrument :
BNA_M
ClientSampleId :

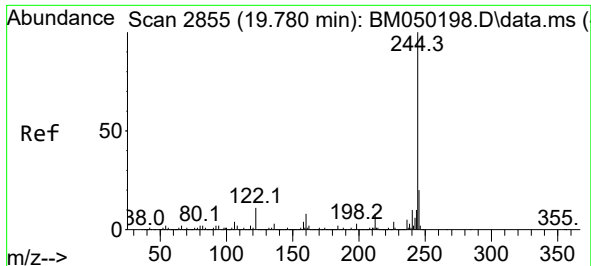
Tgt Ion:188 Resp: 1940129
Ion Ratio Lower Upper
188 100
94 10.0 8.1 12.1
80 11.1 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050265.D
Acq: 10 Jun 2025 06:46

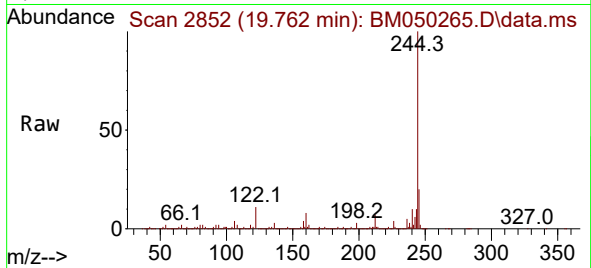
Tgt Ion:240 Resp: 1679718
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.4
236 25.2 20.7 31.1



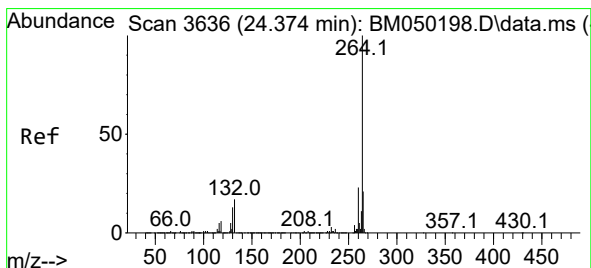
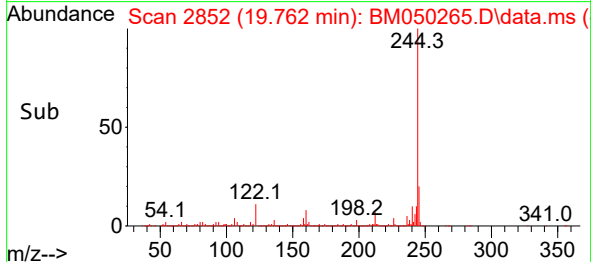
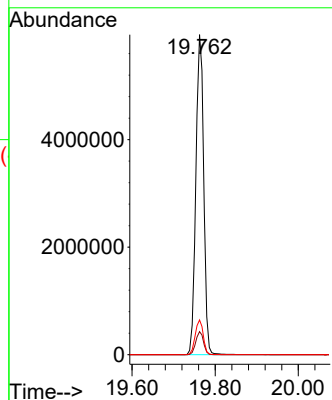


#79
 Terphenyl-d14
 Concen: 87.766 ng
 RT: 19.762 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050265.D
 Acq: 10 Jun 2025 06:46

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:244 Resp: 7779480
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.338 min Scan# 3630
 Delta R.T. -0.006 min
 Lab File: BM050265.D
 Acq: 10 Jun 2025 06:46

Tgt Ion:264 Resp: 1603493
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.6 28.0
 265 21.6 16.8 25.2

