

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050239.D
 Acq On : 09 Jun 2025 12:44
 Operator : RC/JU
 Sample : PB168340TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 09 13:24:58 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	295930	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1103525	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	626432	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1242521	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1296945	20.000	ng	-0.01
86) Perylene-d12	24.344	264	1380174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2723065	153.498	ng	0.00
7) Phenol-d6	6.934	99	3368388	144.237	ng	0.00
23) Nitrobenzene-d5	8.916	82	1981708	93.396	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1130617	158.678	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4330944	93.601	ng	0.00
79) Terphenyl-d14	19.768	244	6179766	90.295	ng	0.00

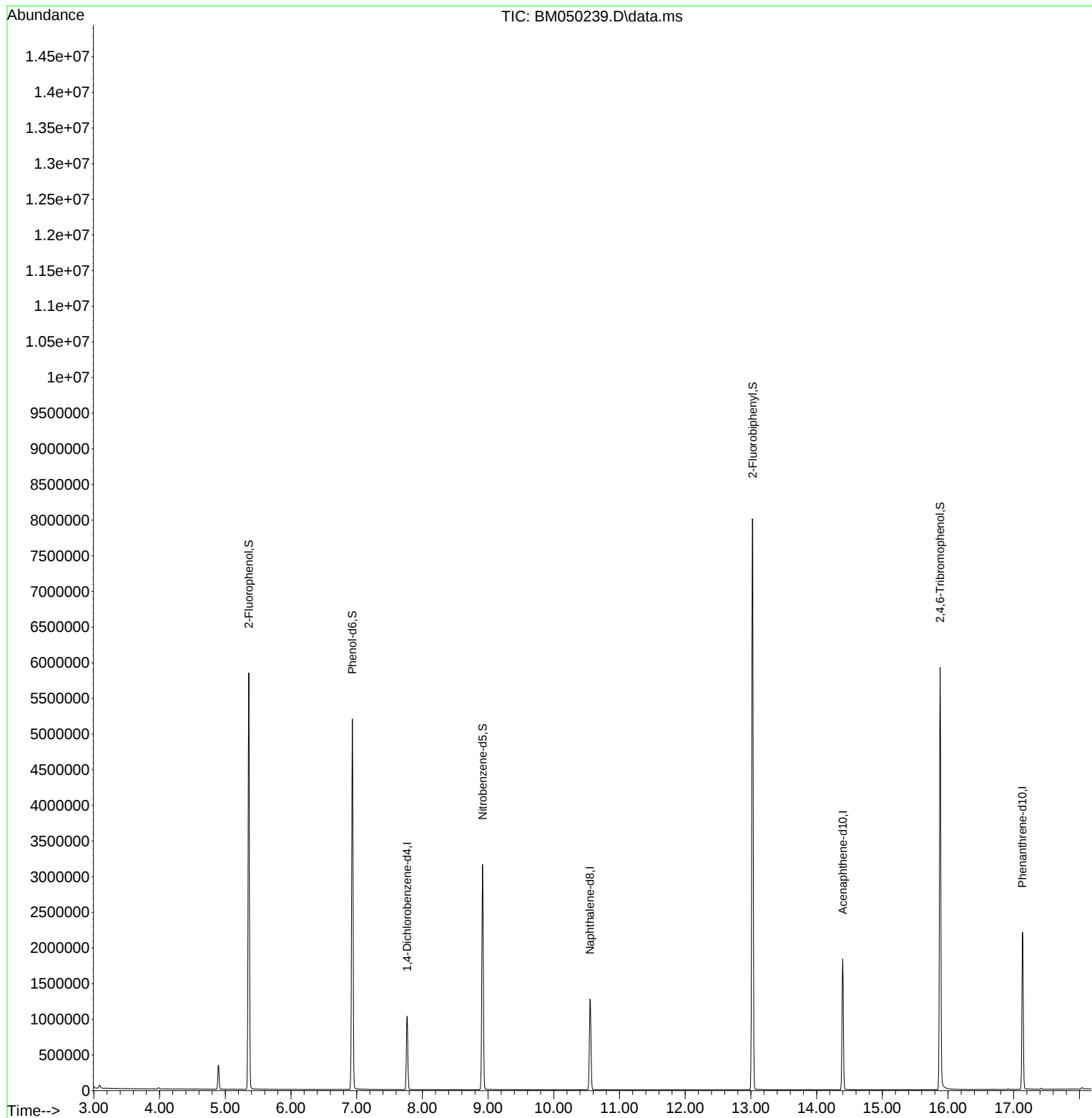
Target Compounds	Qvalue

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

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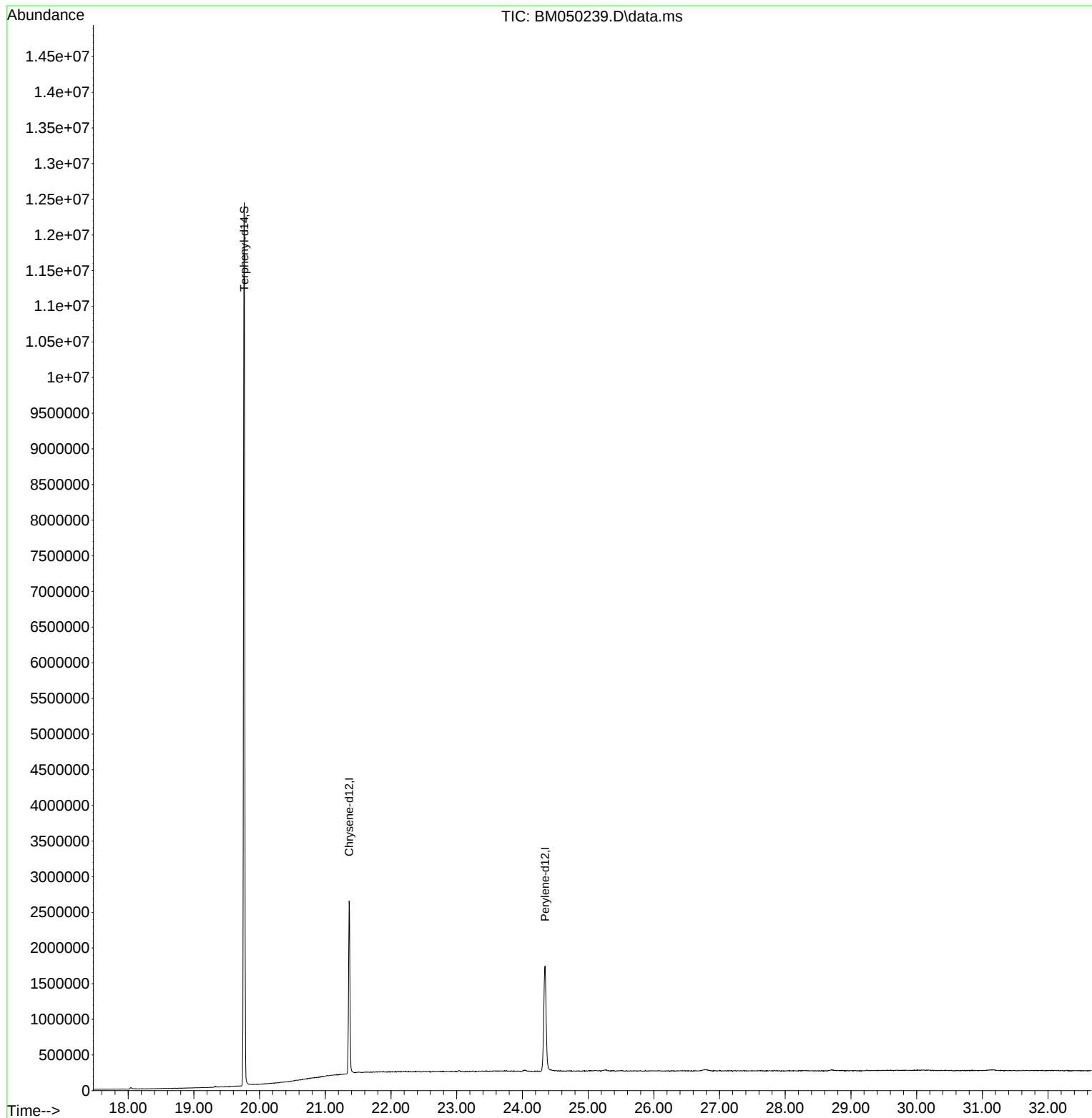
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
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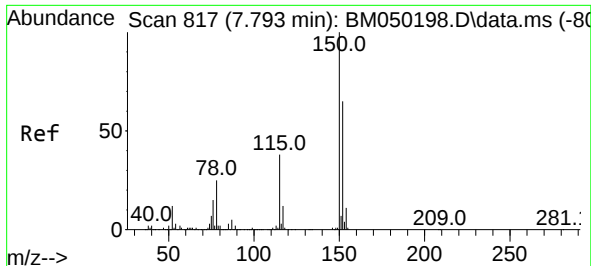


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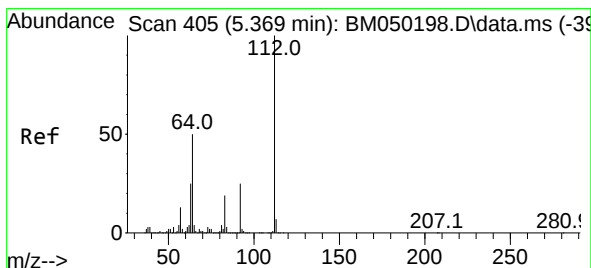
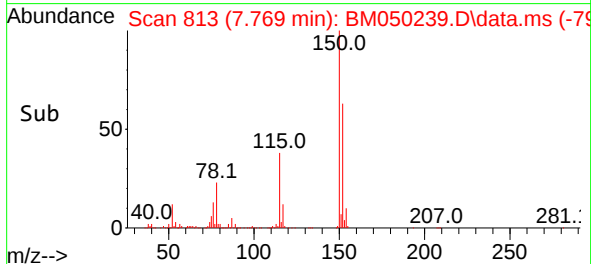
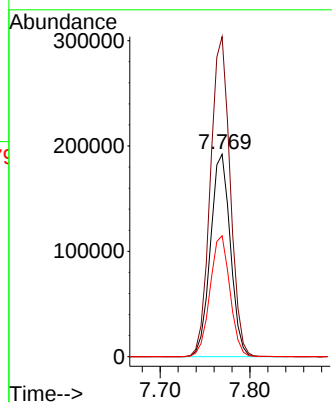
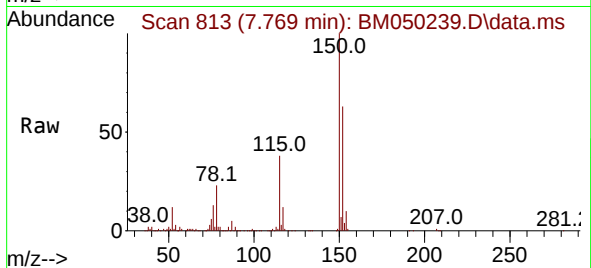




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 817
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

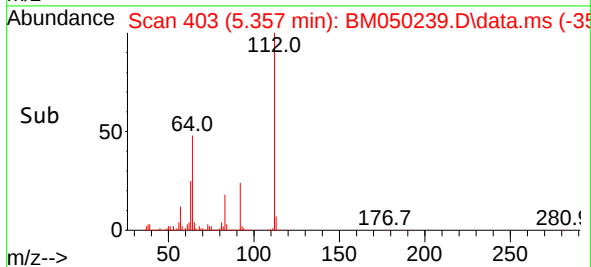
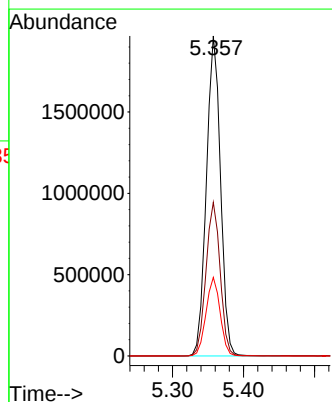
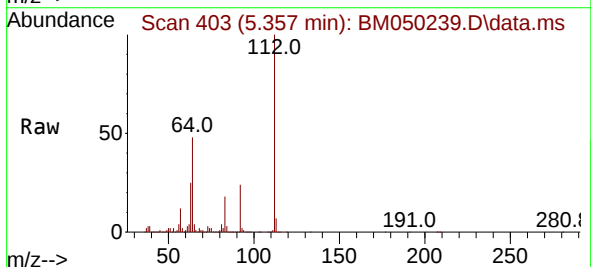
Instrument :
BNA_M
ClientSampleId :

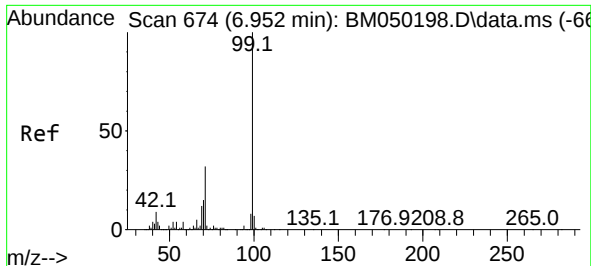
Tgt Ion:152 Resp: 295930
Ion Ratio Lower Upper
152 100
150 158.0 122.2 183.4
115 59.8 46.3 69.5



#5
2-Fluorophenol
Concen: 153.498 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Tgt Ion:112 Resp: 2723065
Ion Ratio Lower Upper
112 100
64 48.0 39.8 59.6
63 24.5 19.8 29.8

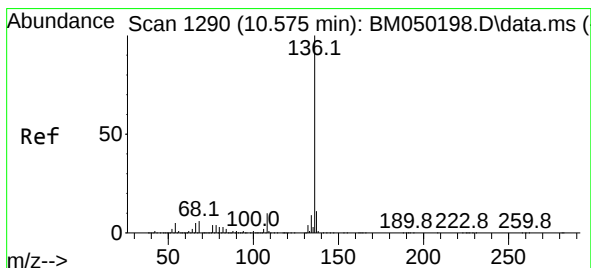
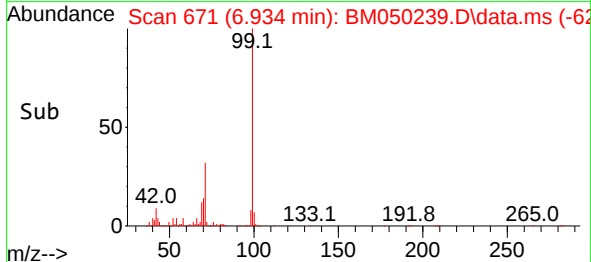
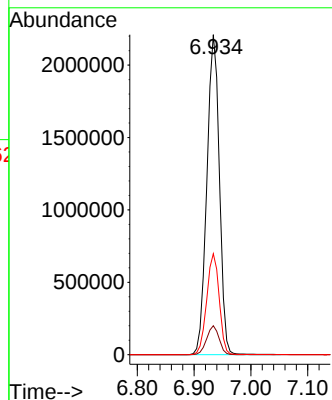
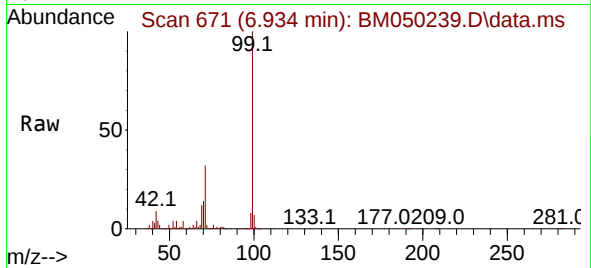




#7
Phenol-d6
Concen: 144.237 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

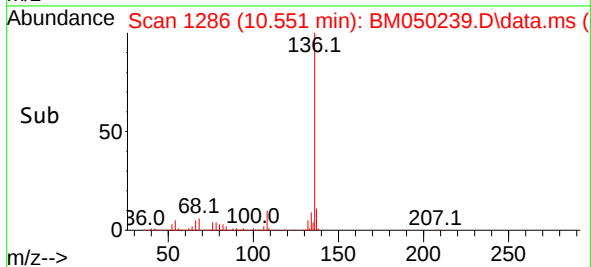
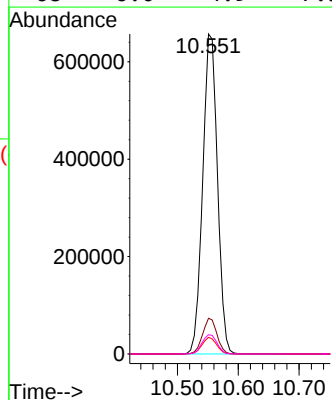
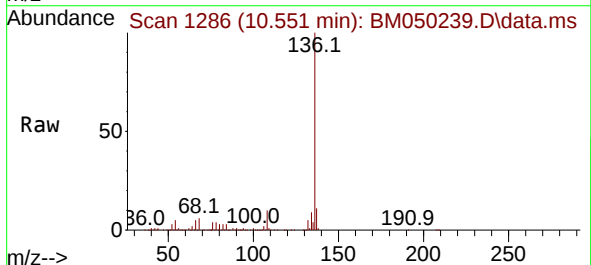
Instrument :
BNA_M
ClientSampleId :

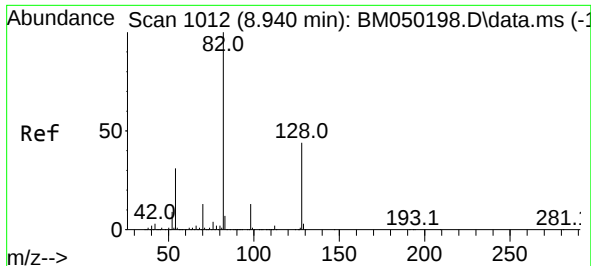
Tgt Ion: 99 Resp: 3368388
Ion Ratio Lower Upper
99 100
42 9.1 6.9 10.3
71 31.6 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

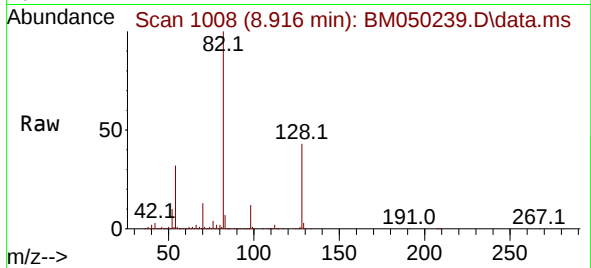
Tgt Ion: 136 Resp: 1103525
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 5.2 3.8 5.8
68 6.0 4.9 7.3





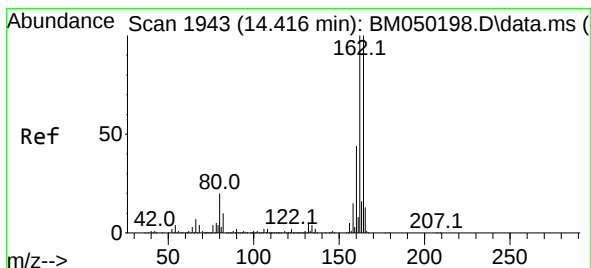
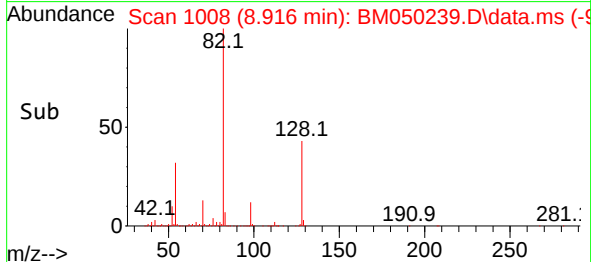
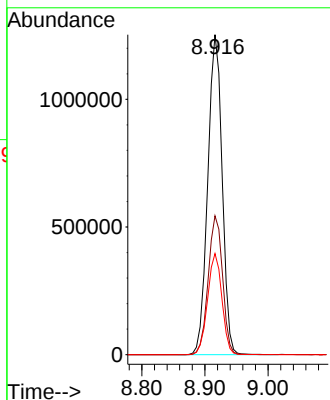
#23
Nitrobenzene-d5
Concen: 93.396 ng
RT: 8.916 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Instrument :
BNA_M
ClientSampleId :



Tgt Ion: 82 Resp: 1981708

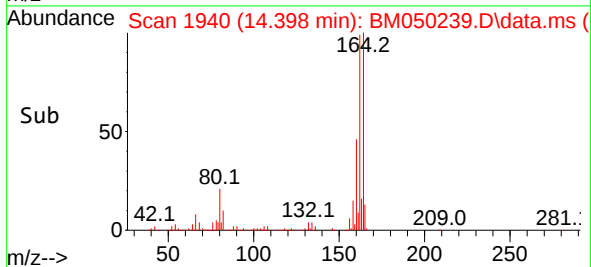
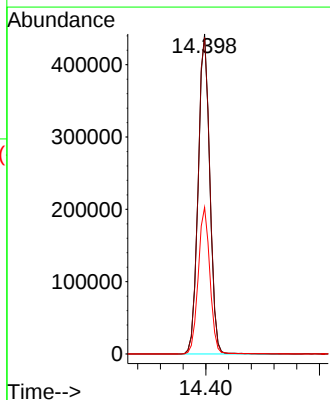
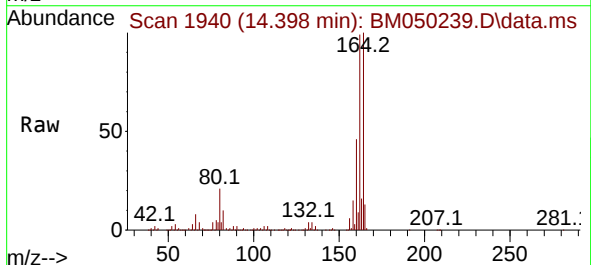
Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.2	52.8
54	31.6	24.5	36.7

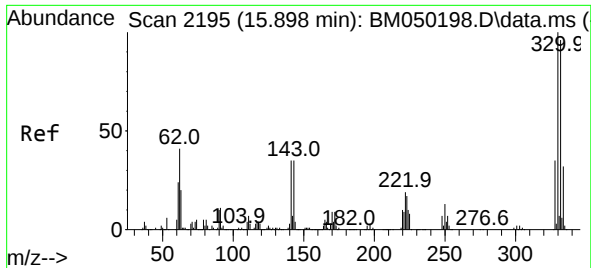


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Tgt Ion:164 Resp: 626432

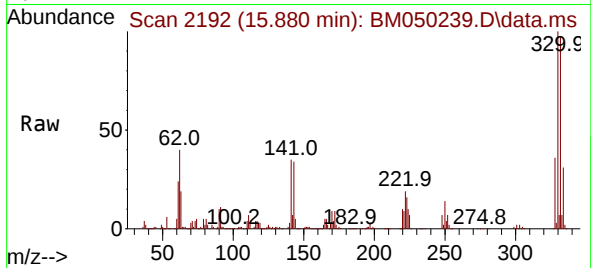
Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.2	120.4
160	45.8	35.7	53.5



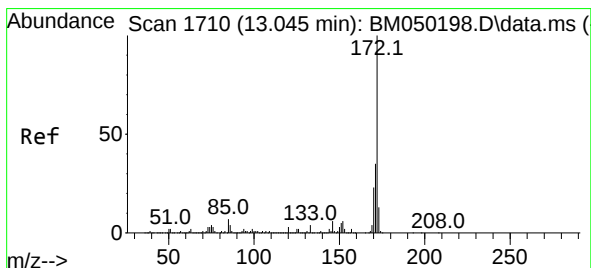
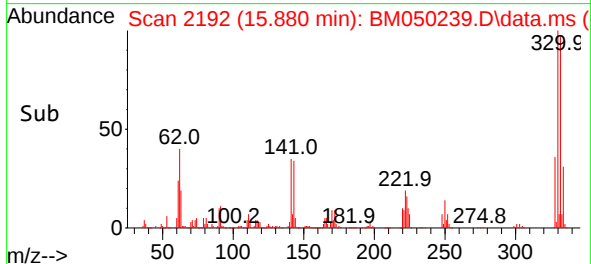
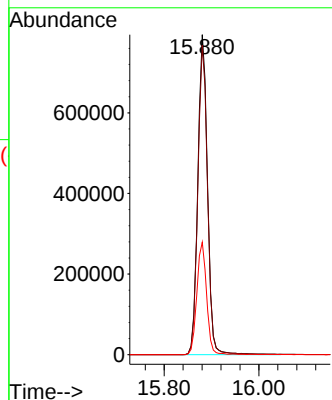


#42
2,4,6-Tribromophenol
Concen: 158.678 ng
RT: 15.880 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Instrument :
BNA_M
ClientSampleId :

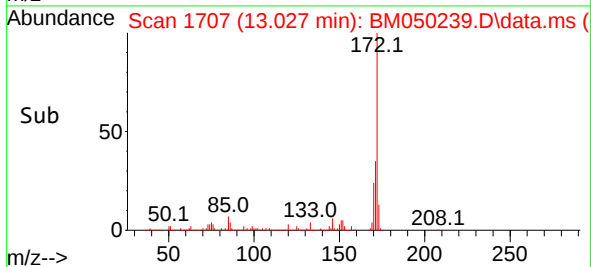
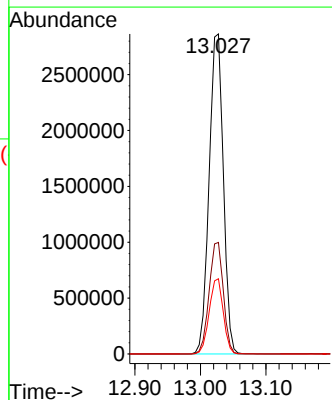
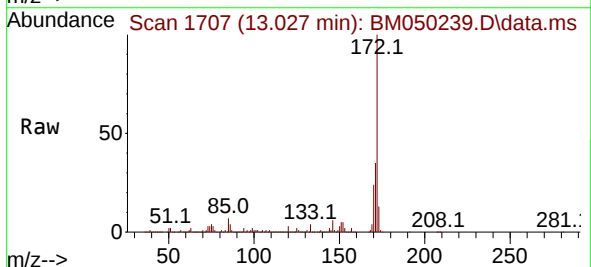


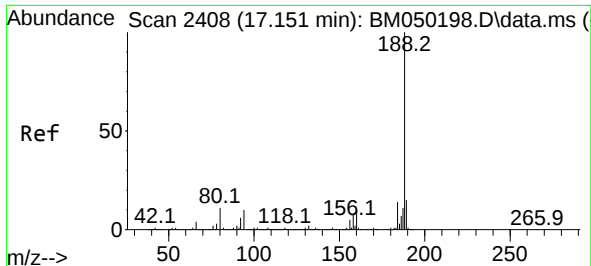
Tgt Ion:330 Resp: 1130617
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 35.1 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 93.601 ng
RT: 13.027 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Tgt Ion:172 Resp: 4330944
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.5 18.6 27.8

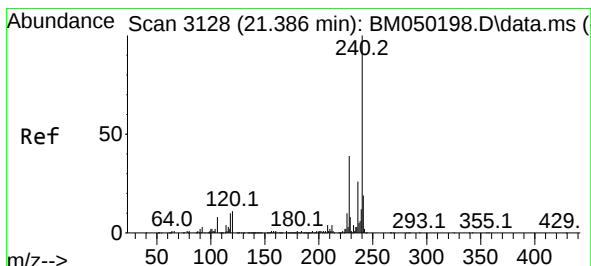
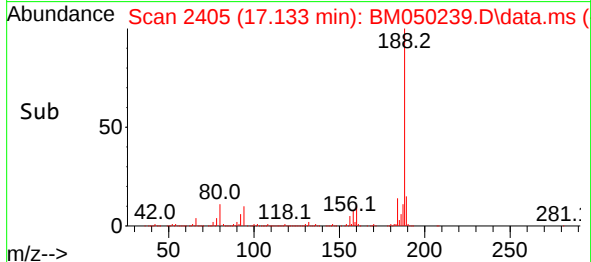
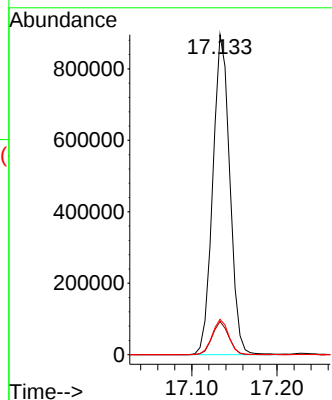
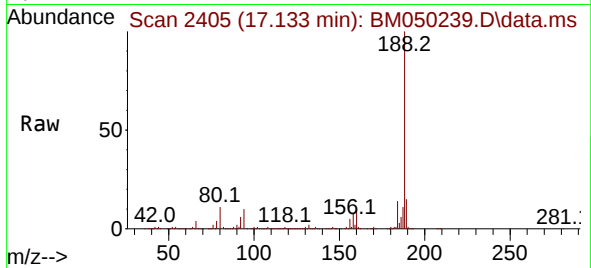




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

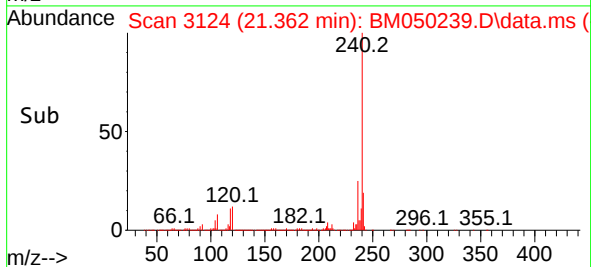
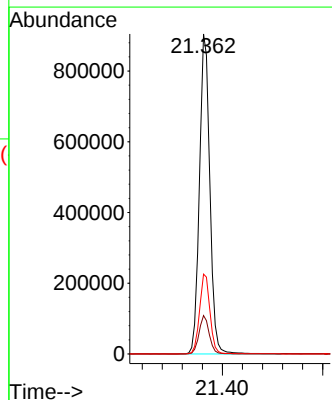
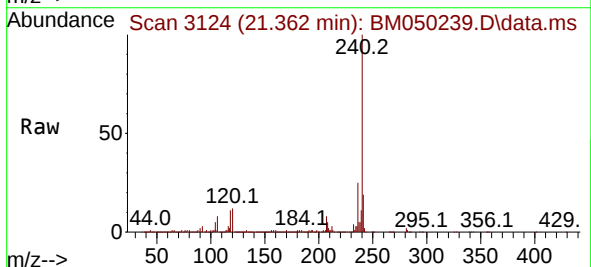
Instrument :
BNA_M
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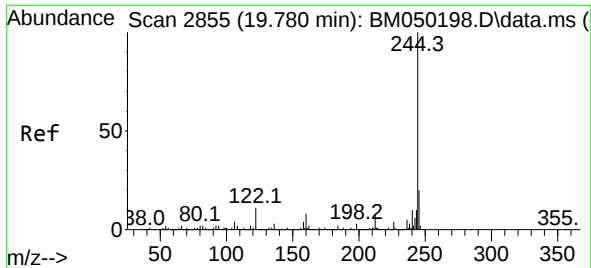
Tgt Ion:188 Resp: 1242521
Ion Ratio Lower Upper
188 100
94 10.4 8.1 12.1
80 11.0 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

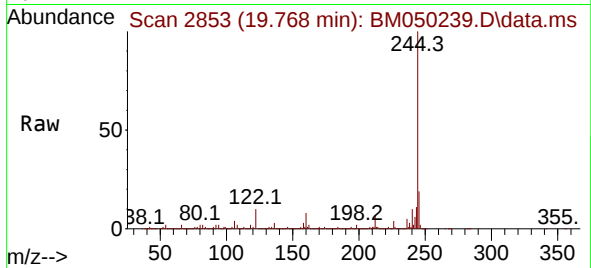
Tgt Ion:240 Resp: 1296945
Ion Ratio Lower Upper
240 100
120 12.0 9.0 13.4
236 25.0 20.7 31.1



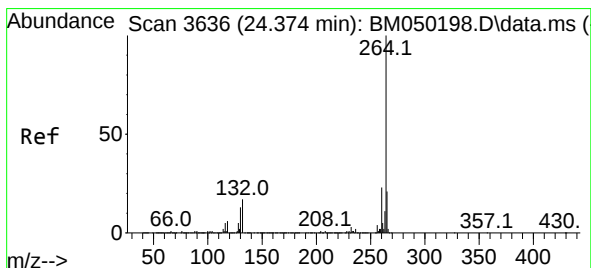
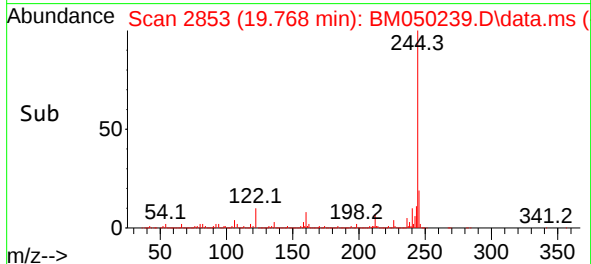
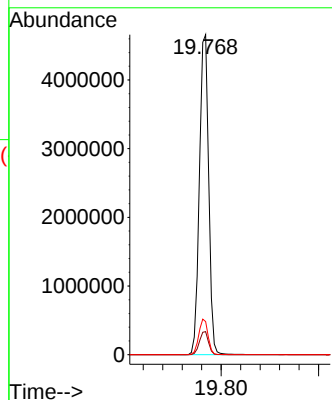


#79
 Terphenyl-d14
 Concen: 90.295 ng
 RT: 19.768 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM050239.D
 Acq: 09 Jun 2025 12:44

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:244 Resp: 6179766
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.4 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: BM050239.D
 Acq: 09 Jun 2025 12:44

Tgt Ion:264 Resp: 1380174
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 28.0
 265 21.5 16.8 25.2

