

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050268.D
 Acq On : 10 Jun 2025 08:43
 Operator : RC/JU
 Sample : Q2266-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 10 09:39:09 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	314121	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1169708	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	628833	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1183553	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1257306	20.000	ng	-0.01
86) Perylene-d12	24.338	264	1353494	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2645510	140.490	ng	0.00
7) Phenol-d6	6.934	99	2970180	119.820	ng	0.00
23) Nitrobenzene-d5	8.916	82	2129726	94.693	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1056610	147.725	ng	0.00
45) 2-Fluorobiphenyl	13.021	172	4091042	88.078	ng	0.00
79) Terphenyl-d14	19.762	244	6080741	91.649	ng	0.00

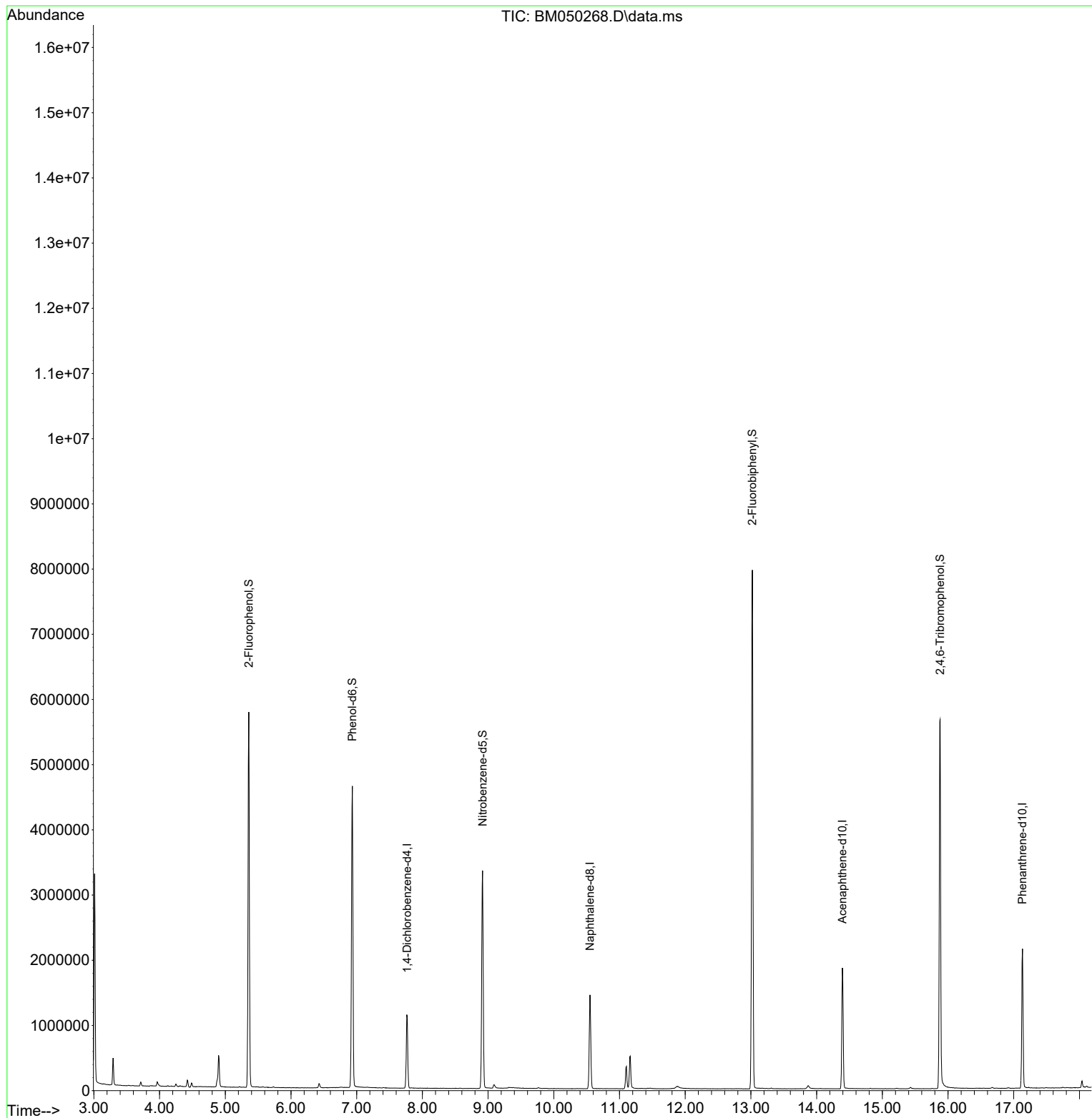
Target Compounds	Qvalue

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

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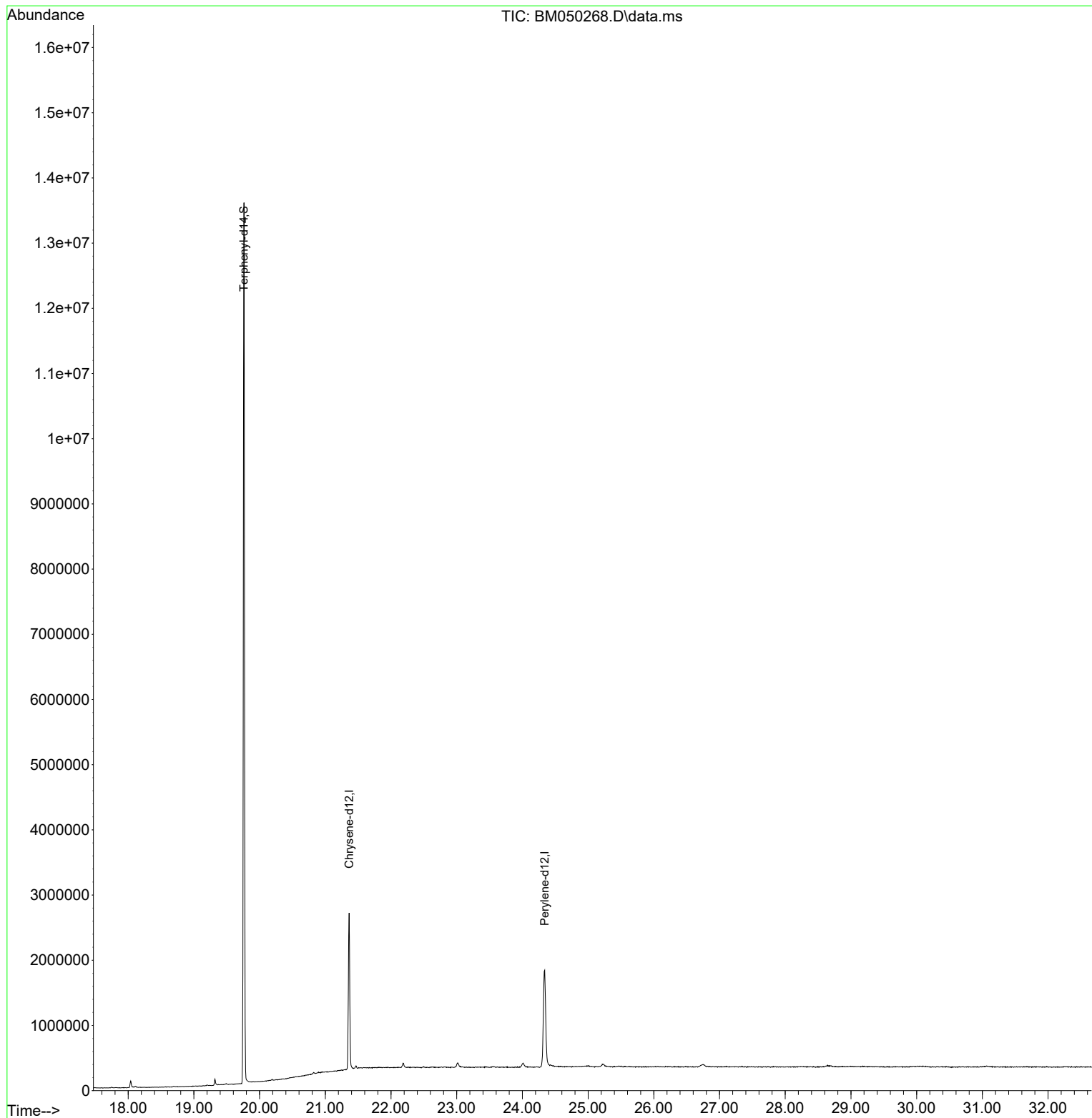
Quant Time: Jun 10 09:39:09 2025
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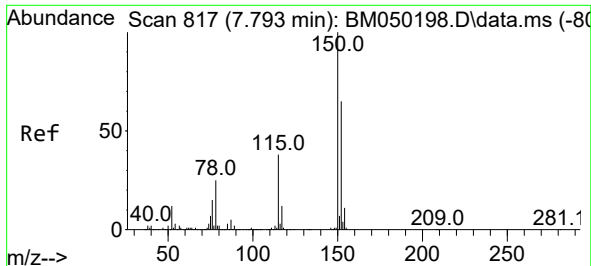


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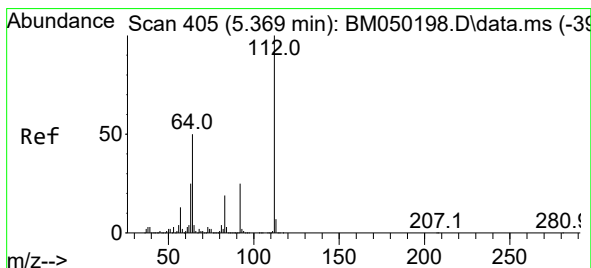
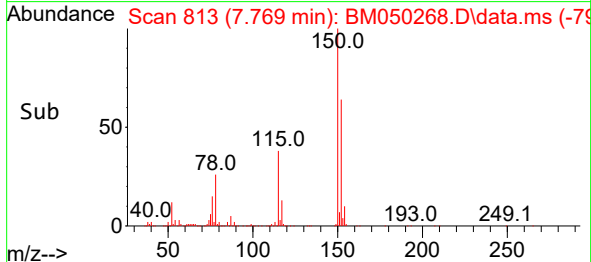
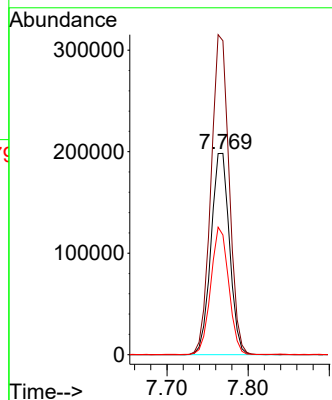
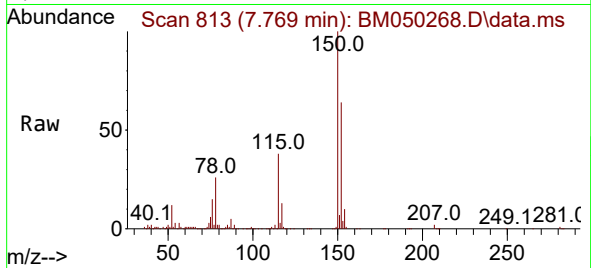




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 817
Delta R.T. -0.000 min
Lab File: BM050268.D
Acq: 10 Jun 2025 08:43

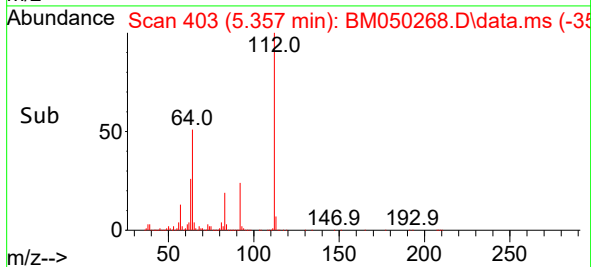
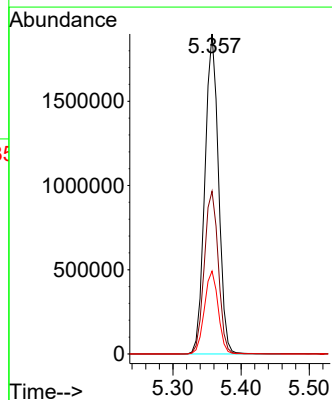
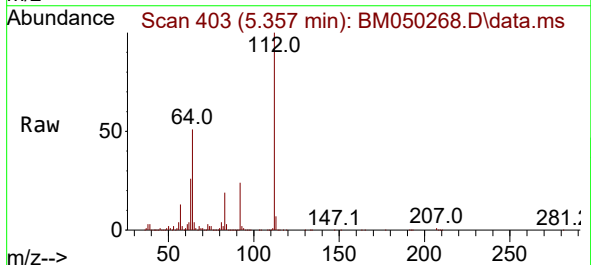
Instrument :
BNA_M
ClientSampleId :

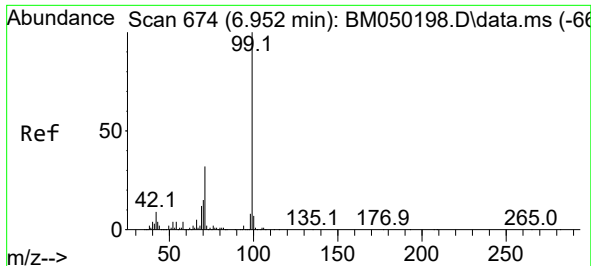
Tgt Ion:152 Resp: 314121
Ion Ratio Lower Upper
152 100
150 156.0 122.2 183.4
115 59.5 46.3 69.5



#5
2-Fluorophenol
Concen: 140.490 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050268.D
Acq: 10 Jun 2025 08:43

Tgt Ion:112 Resp: 2645510
Ion Ratio Lower Upper
112 100
64 50.9 39.8 59.6
63 25.9 19.8 29.8

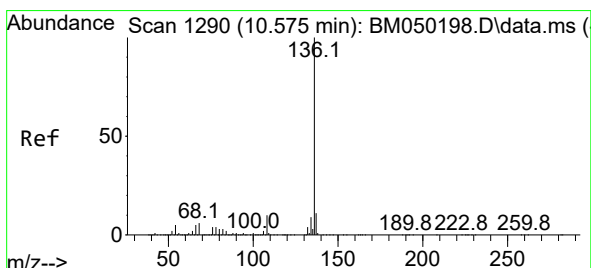
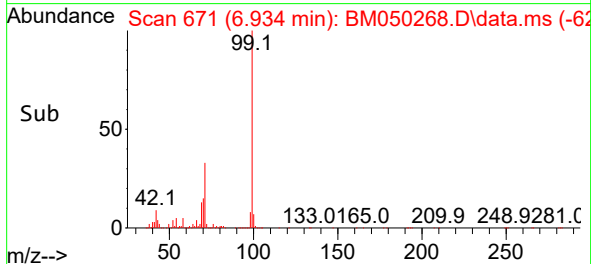
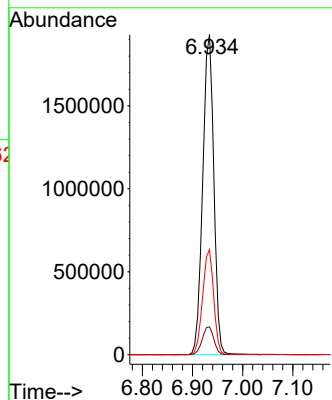
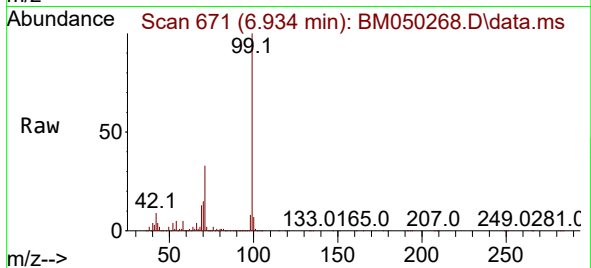




#7
Phenol-d6
Concen: 119.820 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050268.D
Acq: 10 Jun 2025 08:43

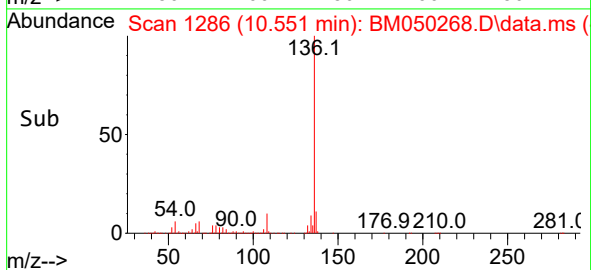
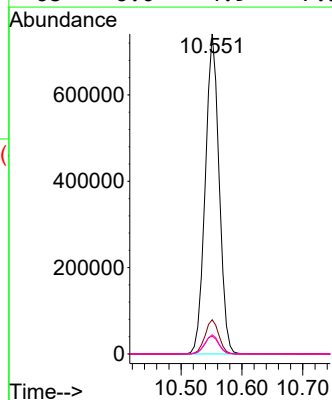
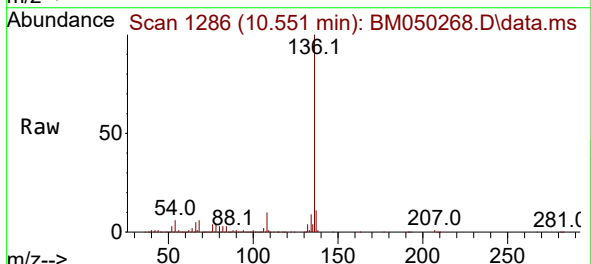
Instrument :
BNA_M
ClientSampleId :

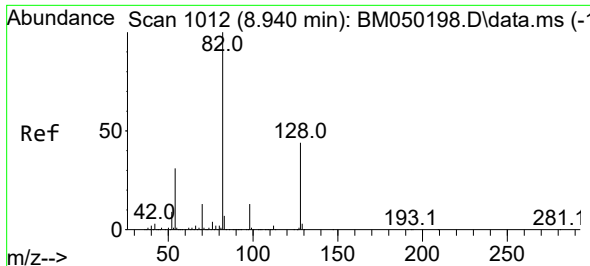
Tgt Ion: 99 Resp: 2970180
Ion Ratio Lower Upper
99 100
42 8.7 6.9 10.3
71 32.8 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050268.D
Acq: 10 Jun 2025 08:43

Tgt Ion: 136 Resp: 1169708
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 5.6 3.8 5.8
68 6.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 94.693 ng

RT: 8.916 min Scan# 1008

Delta R.T. -0.000 min

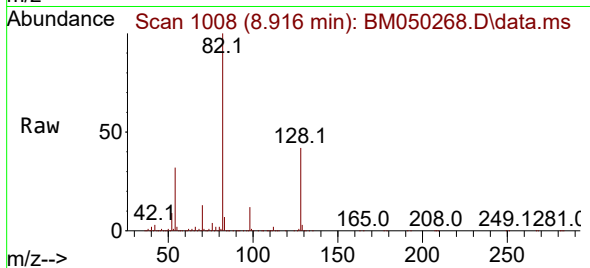
Lab File: BM050268.D

Acq: 10 Jun 2025 08:43

Instrument :

BNA_M

ClientSampleId :



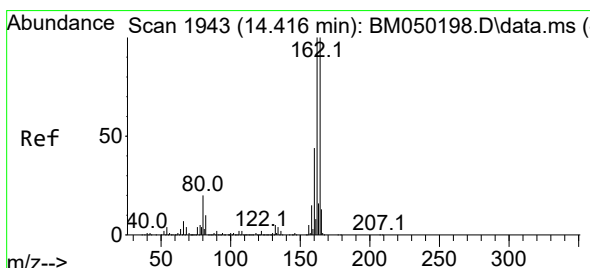
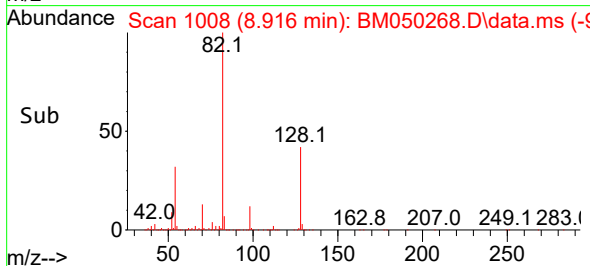
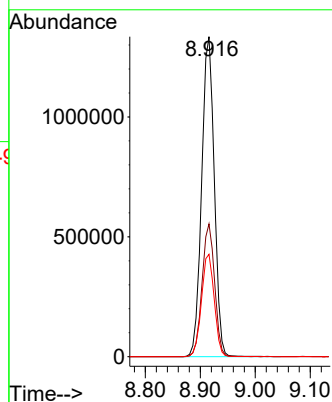
Tgt Ion: 82 Resp: 2129726

Ion Ratio Lower Upper

82 100

128 41.5 35.2 52.8

54 32.0 24.5 36.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

Delta R.T. -0.006 min

Lab File: BM050268.D

Acq: 10 Jun 2025 08:43

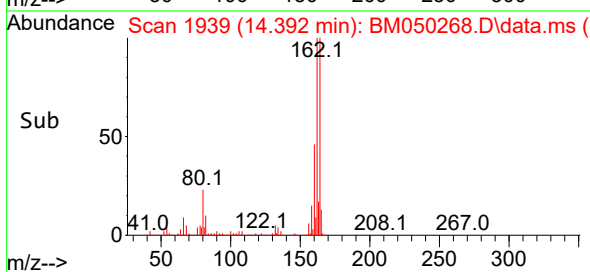
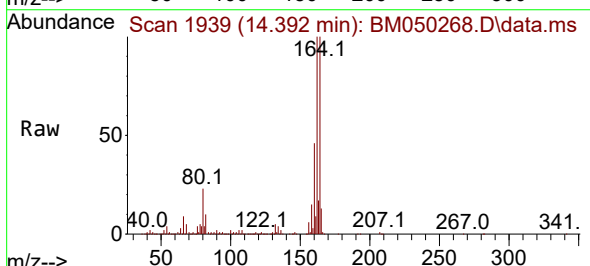
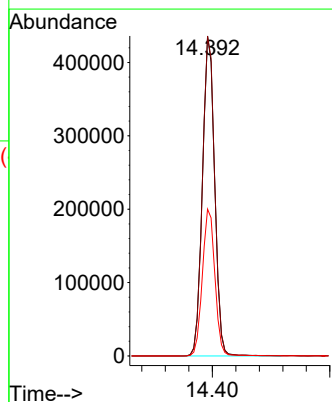
Tgt Ion: 164 Resp: 628833

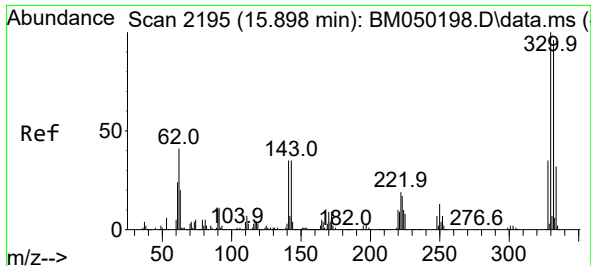
Ion Ratio Lower Upper

164 100

162 100.1 80.2 120.4

160 45.9 35.7 53.5

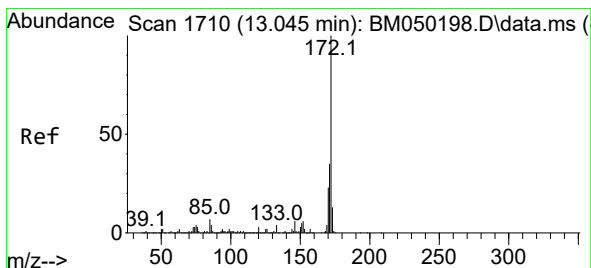
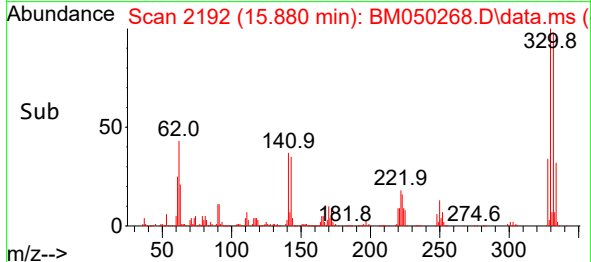
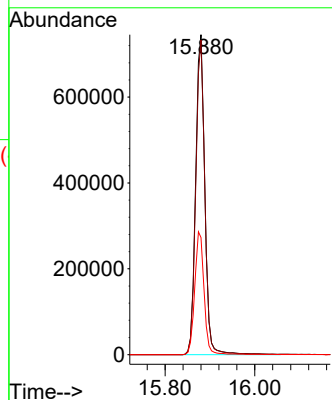
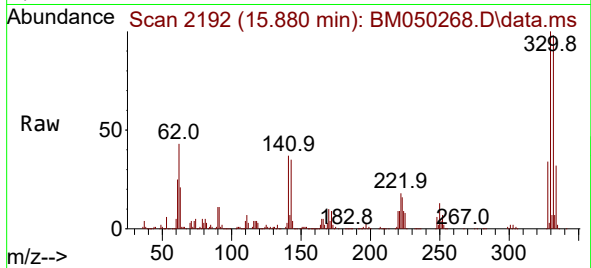




#42
2,4,6-Tribromophenol
Concen: 147.725 ng
RT: 15.880 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM050268.D
Acq: 10 Jun 2025 08:43

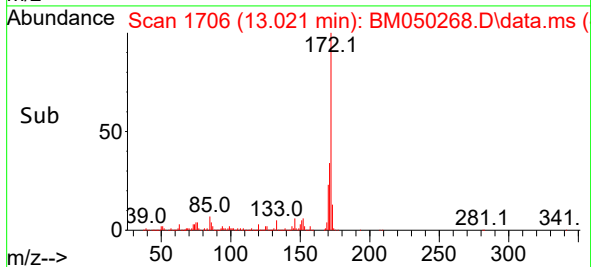
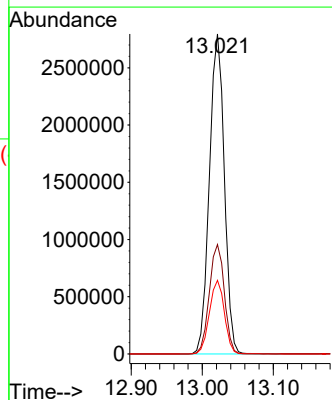
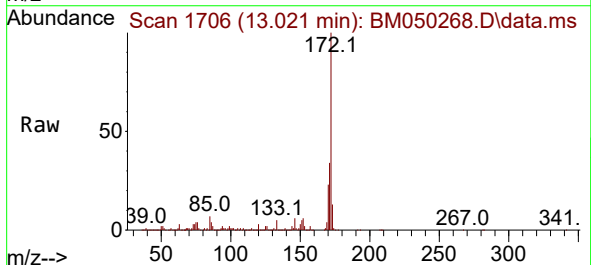
Instrument :
BNA_M
ClientSampleId :

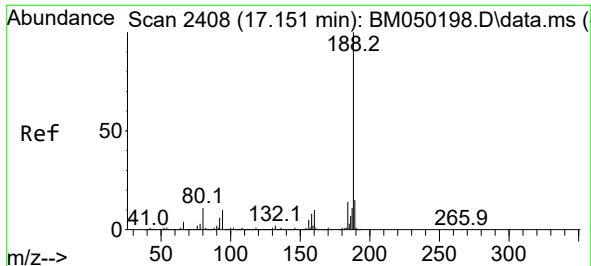
Tgt Ion:330 Resp: 1056610
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 39.2 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 88.078 ng
RT: 13.021 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050268.D
Acq: 10 Jun 2025 08:43

Tgt Ion:172 Resp: 4091042
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.6
170 23.0 18.6 27.8

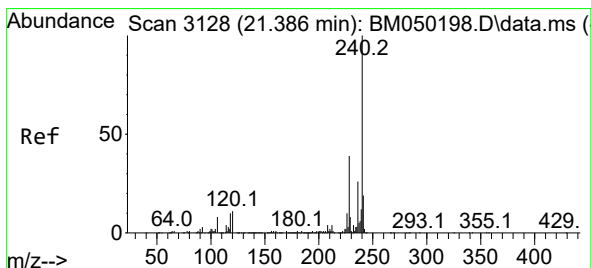
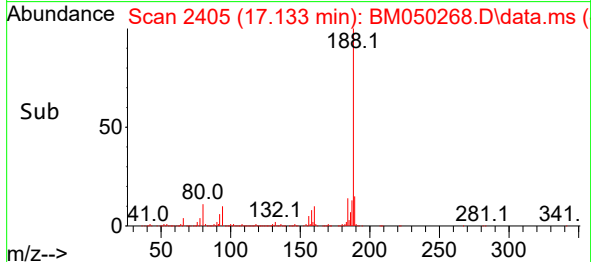
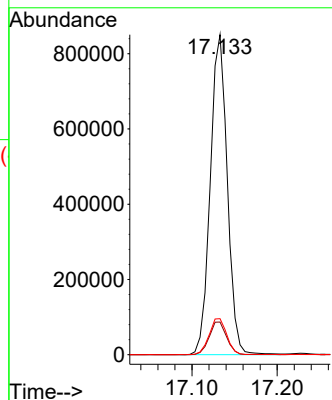
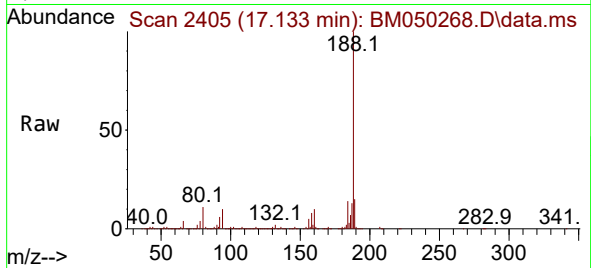




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050268.D
Acq: 10 Jun 2025 08:43

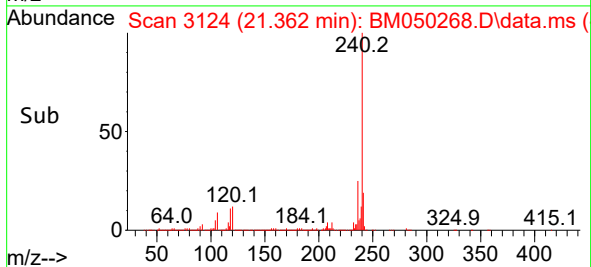
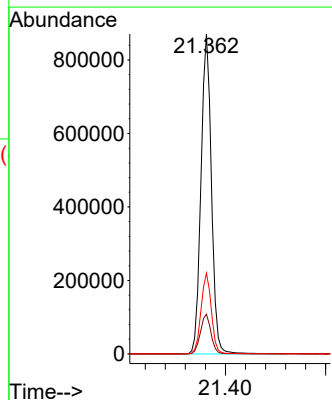
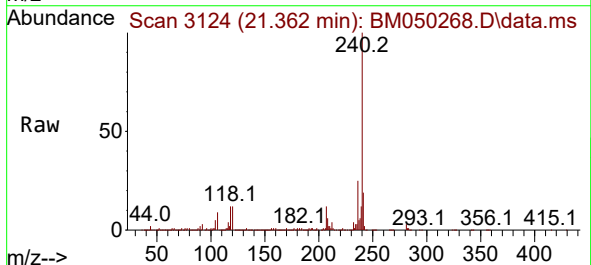
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BNA_M
ClientSampleId :

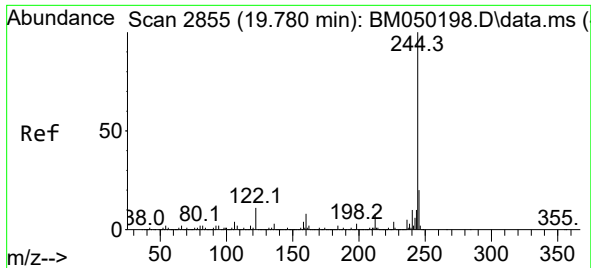
Tgt Ion:188 Resp: 1183553
Ion Ratio Lower Upper
188 100
94 10.2 8.1 12.1
80 11.3 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050268.D
Acq: 10 Jun 2025 08:43

Tgt Ion:240 Resp: 1257306
Ion Ratio Lower Upper
240 100
120 12.5 9.0 13.4
236 25.3 20.7 31.1

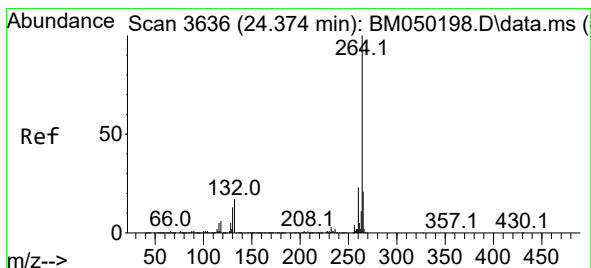
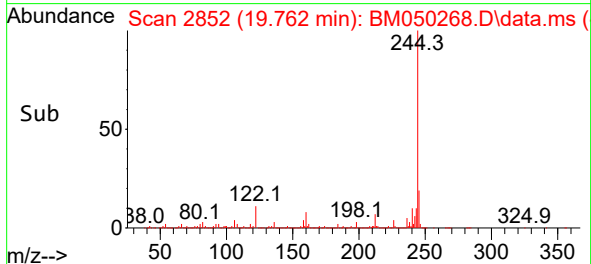
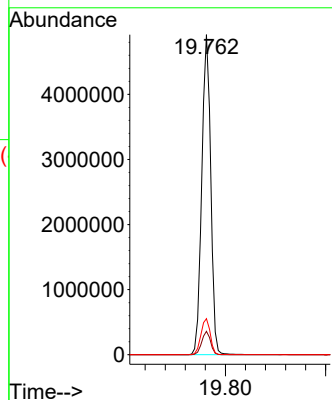
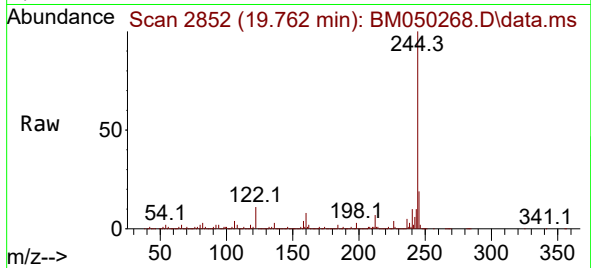




#79
 Terphenyl-d14
 Concen: 91.649 ng
 RT: 19.762 min Scan# 2855
 Delta R.T. -0.006 min
 Lab File: BM050268.D
 Acq: 10 Jun 2025 08:43

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:244 Resp: 6080741
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.3 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: BM050268.D
 Acq: 10 Jun 2025 08:43

Tgt Ion:264 Resp: 1353494
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 28.0
 265 21.5 16.8 25.2

