

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050263.D
 Acq On : 10 Jun 2025 05:28
 Operator : RC/JU
 Sample : PB168352BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168352BL

Quant Time: Jun 10 06:52:56 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	334540	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1240838	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	698531	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1381505	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1501560	20.000	ng	-0.01
86) Perylene-d12	24.338	264	1574973	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3032395	151.207	ng	0.00
7) Phenol-d6	6.934	99	3739604	141.651	ng	0.00
23) Nitrobenzene-d5	8.916	82	2206555	92.485	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1240049	156.073	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	4725754	91.592	ng	0.00
79) Terphenyl-d14	19.762	244	6998812	88.328	ng	0.00

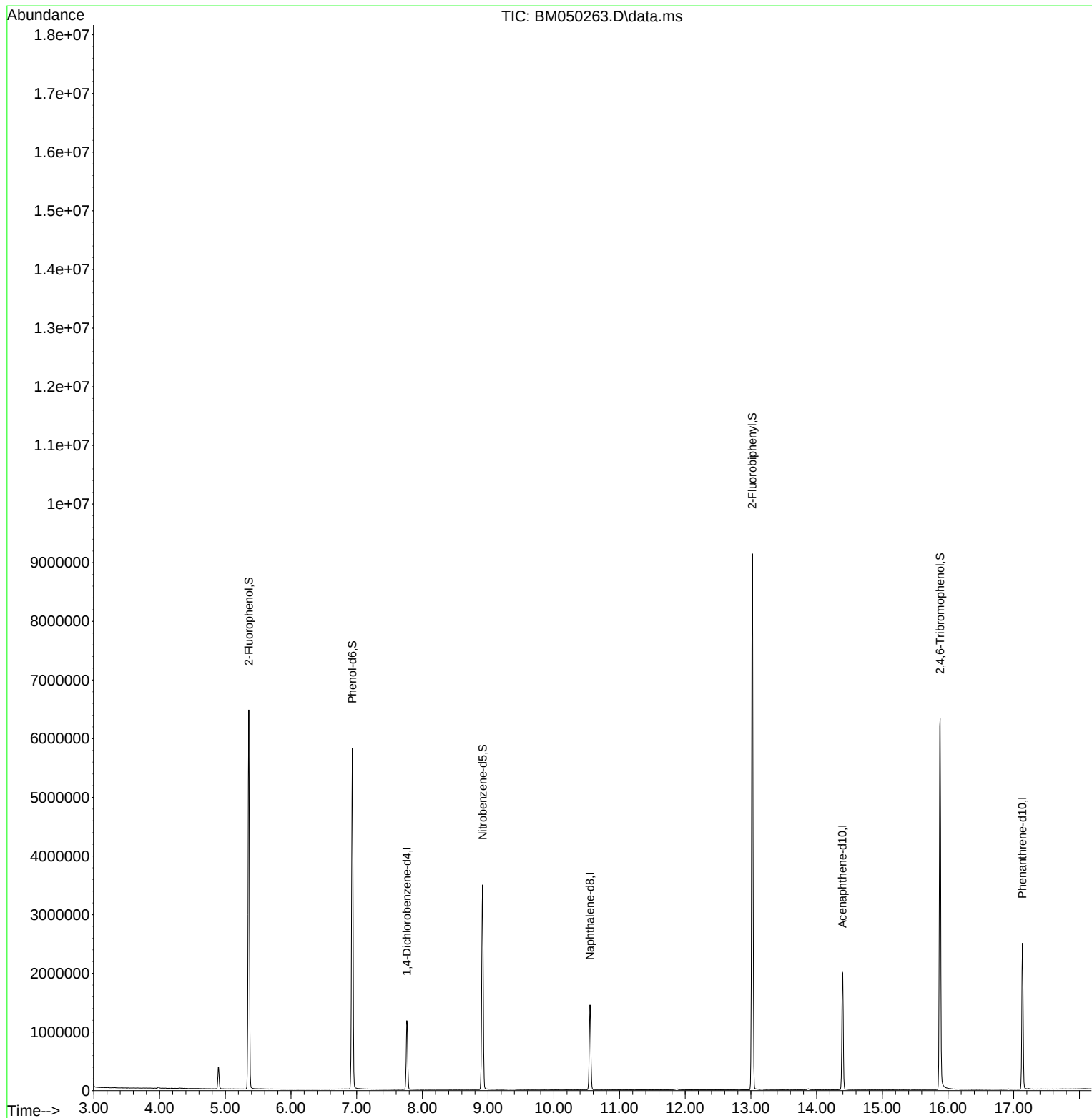
Target Compounds	Qvalue

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

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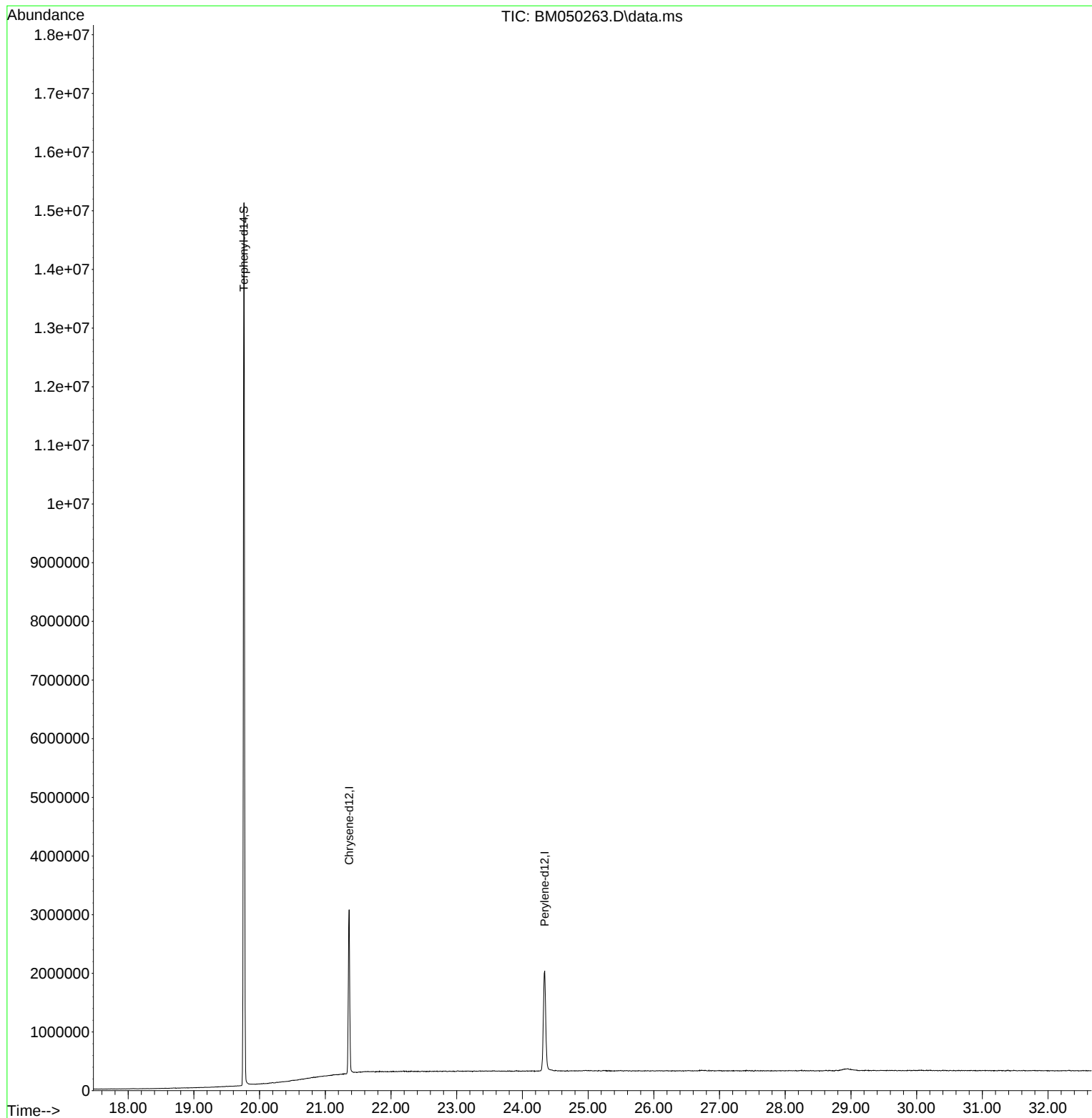
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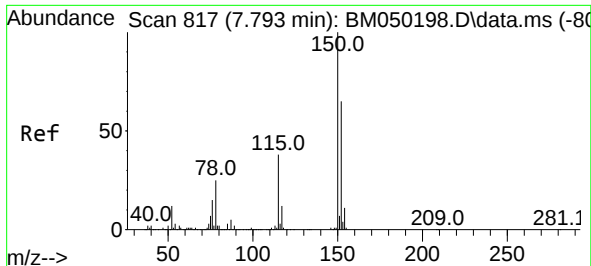


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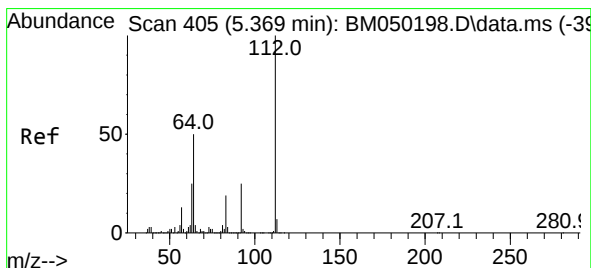
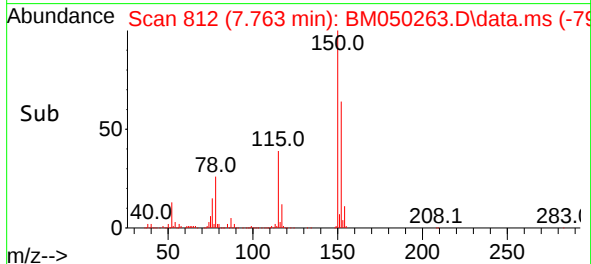
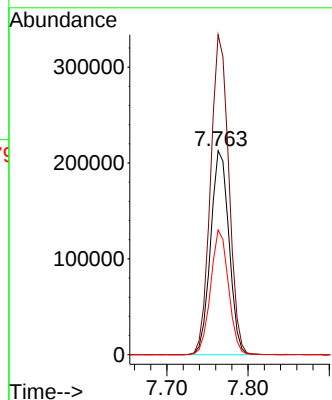
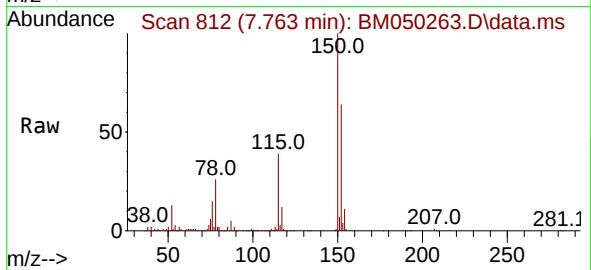




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050263.D
Acq: 10 Jun 2025 05:28

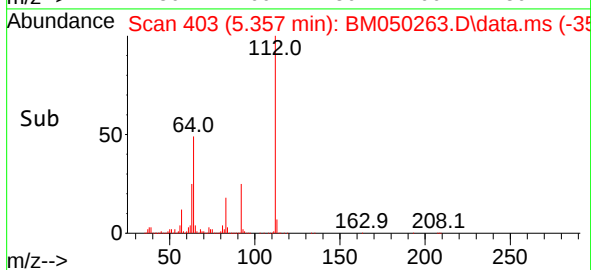
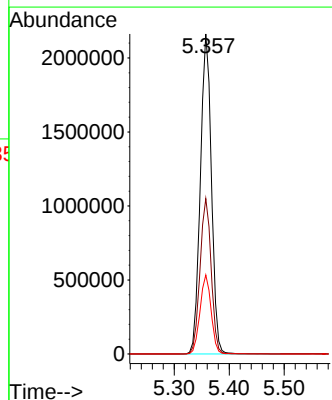
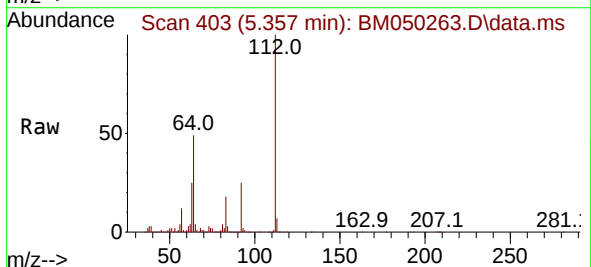
Instrument :
BNA_M
ClientSampleId :
PB168352BL

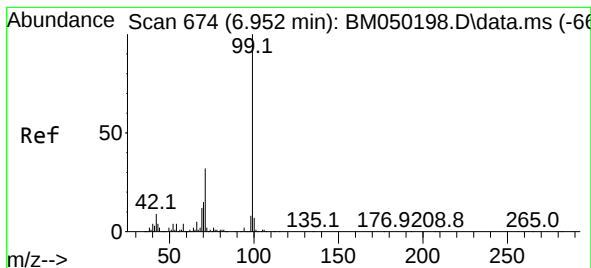
Tgt Ion:152 Resp: 334540
Ion Ratio Lower Upper
152 100
150 156.9 122.2 183.4
115 61.2 46.3 69.5



#5
2-Fluorophenol
Concen: 151.207 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050263.D
Acq: 10 Jun 2025 05:28

Tgt Ion:112 Resp: 3032395
Ion Ratio Lower Upper
112 100
64 48.5 39.8 59.6
63 24.7 19.8 29.8

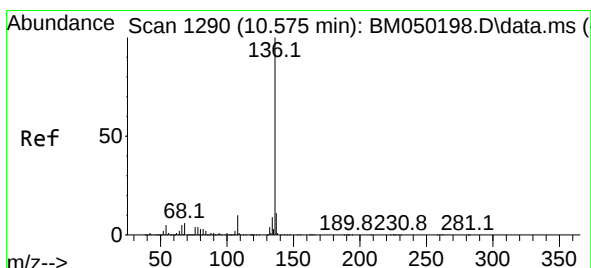
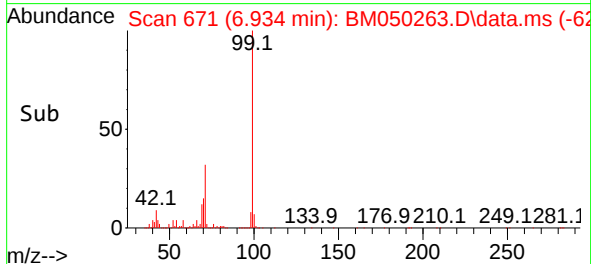
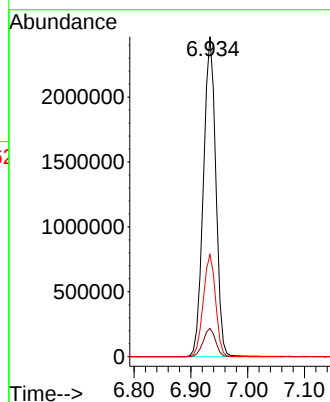
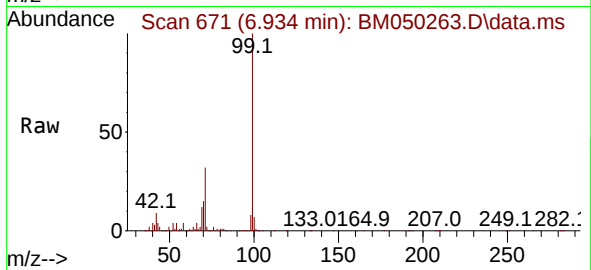




#7
Phenol-d6
Concen: 141.651 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050263.D
Acq: 10 Jun 2025 05:28

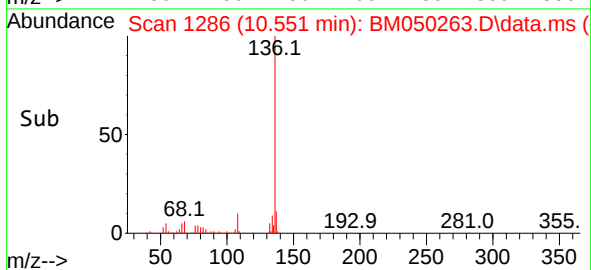
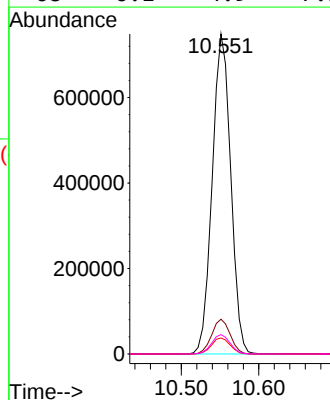
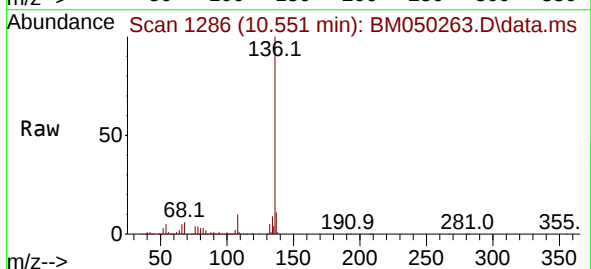
Instrument :
BNA_M
ClientSampleId :
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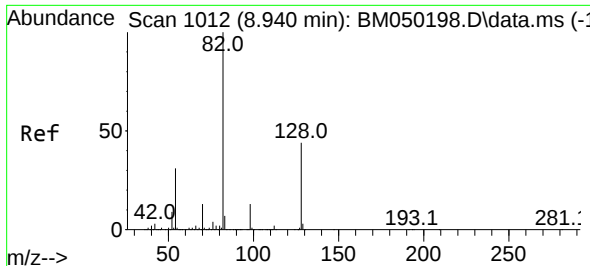
Tgt Ion: 99 Resp: 3739604
Ion Ratio Lower Upper
99 100
42 8.8 6.9 10.3
71 31.9 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050263.D
Acq: 10 Jun 2025 05:28

Tgt Ion: 136 Resp: 1240838
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.0 3.8 5.8
68 6.1 4.9 7.3

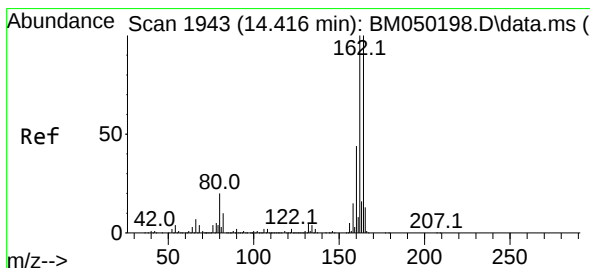
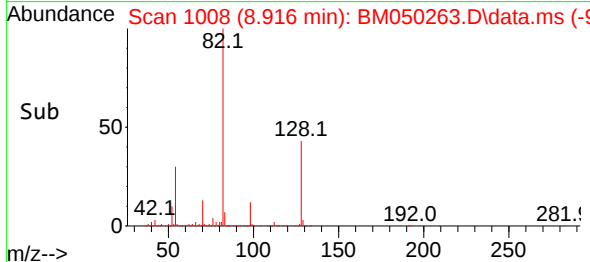
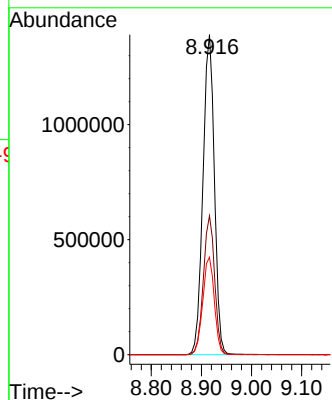
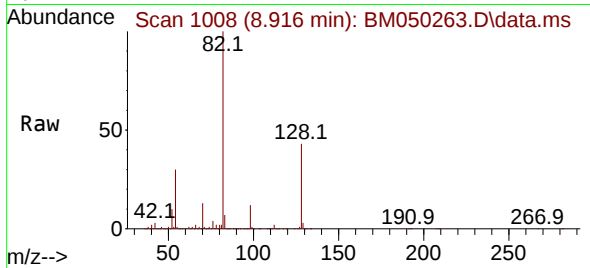




#23
Nitrobenzene-d5
Concen: 92.485 ng
RT: 8.916 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BM050263.D
Acq: 10 Jun 2025 05:28

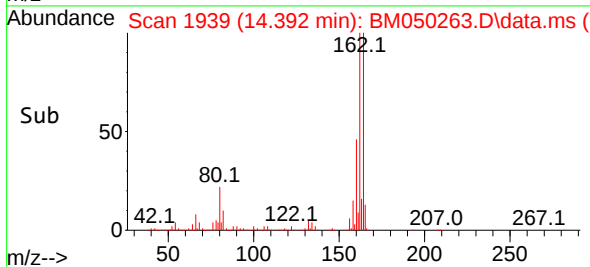
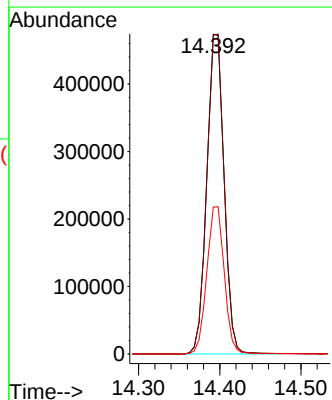
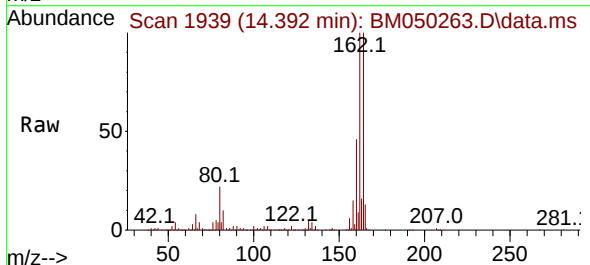
Instrument :
BNA_M
ClientSampleId :
PB168352BL

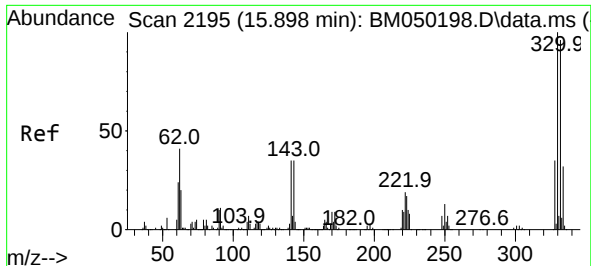
Tgt Ion: 82 Resp: 2206555
Ion Ratio Lower Upper
82 100
128 43.4 35.2 52.8
54 30.4 24.5 36.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM050263.D
Acq: 10 Jun 2025 05:28

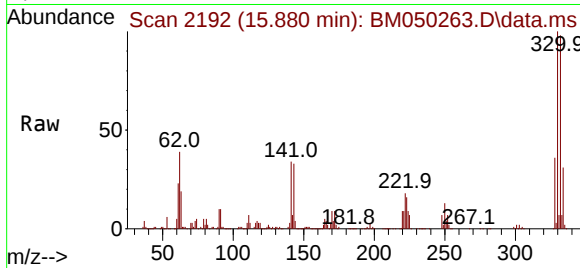
Tgt Ion: 164 Resp: 698531
Ion Ratio Lower Upper
164 100
162 99.7 80.2 120.4
160 46.0 35.7 53.5



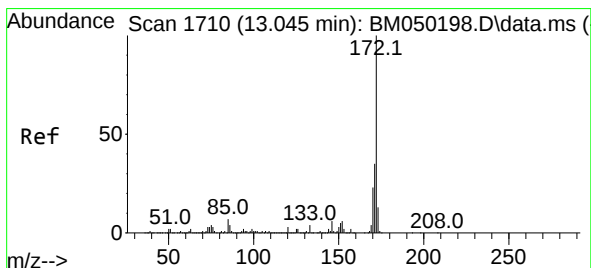
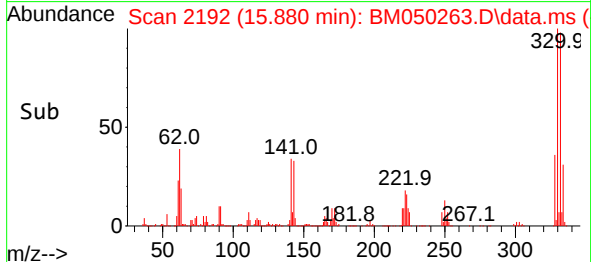
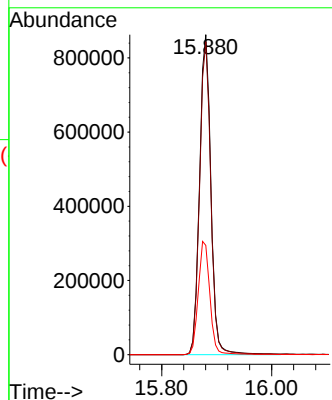


#42
2,4,6-Tribromophenol
Concen: 156.073 ng
RT: 15.880 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050263.D
Acq: 10 Jun 2025 05:28

Instrument :
BNA_M
ClientSampleId :
PB168352BL

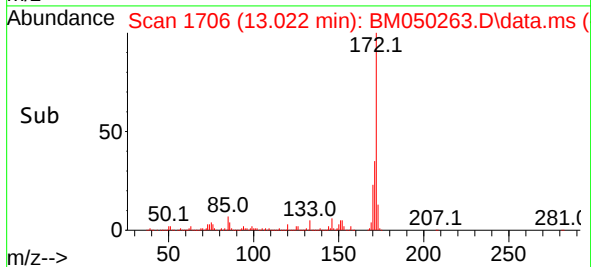
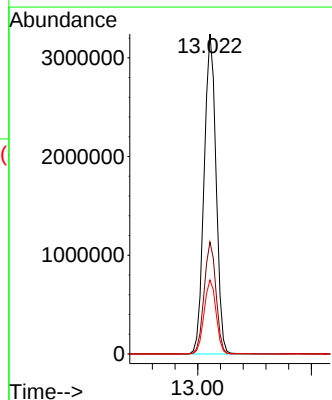
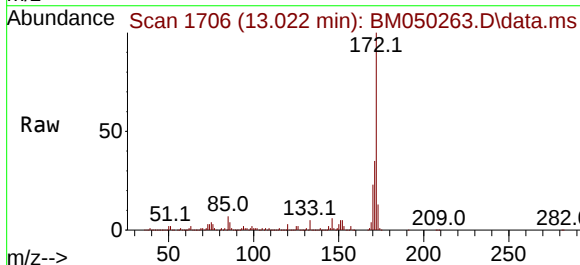


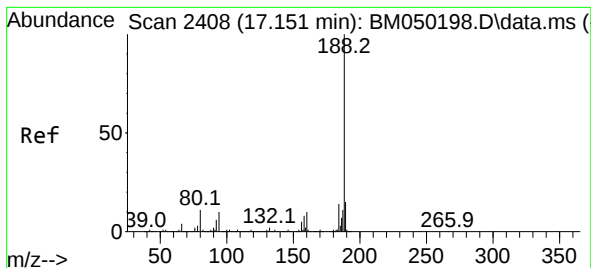
Tgt Ion:330 Resp: 1240049
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 36.2 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 91.592 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050263.D
Acq: 10 Jun 2025 05:28

Tgt Ion:172 Resp: 4725754
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.1 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: BM050263.D

Acq: 10 Jun 2025 05:28

Instrument :

BNA_M

ClientSampleId :

PB168352BL

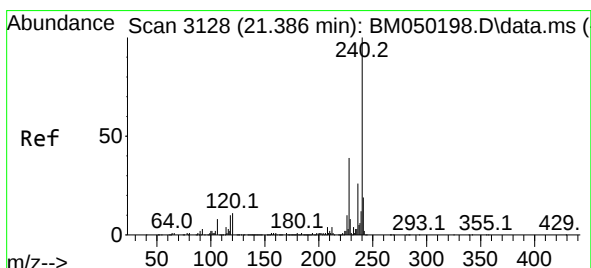
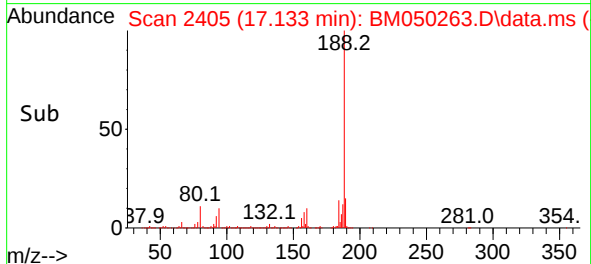
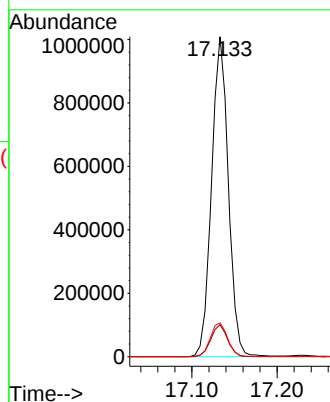
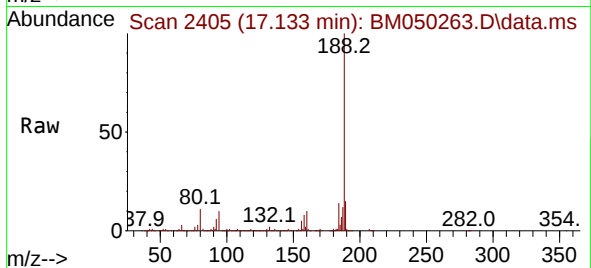
Tgt Ion:188 Resp: 1381505

Ion Ratio Lower Upper

188 100

94 10.0 8.1 12.1

80 10.6 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: BM050263.D

Acq: 10 Jun 2025 05:28

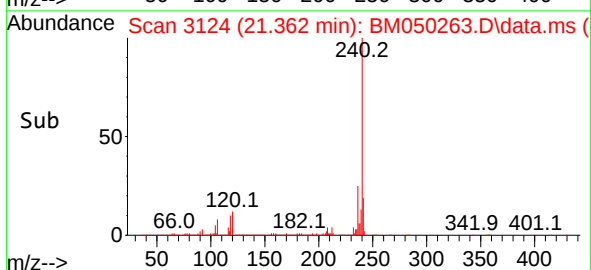
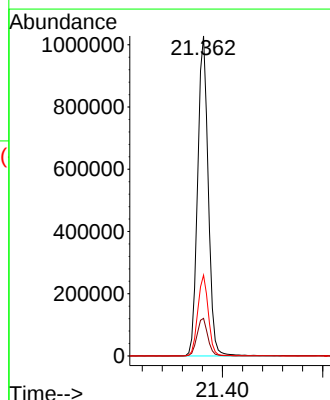
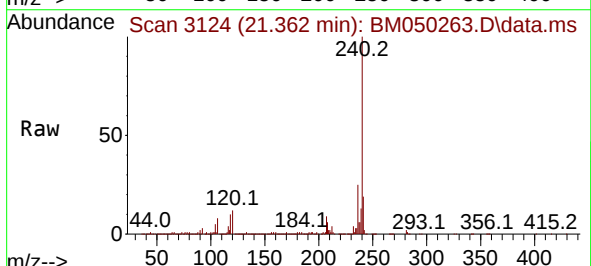
Tgt Ion:240 Resp: 1501560

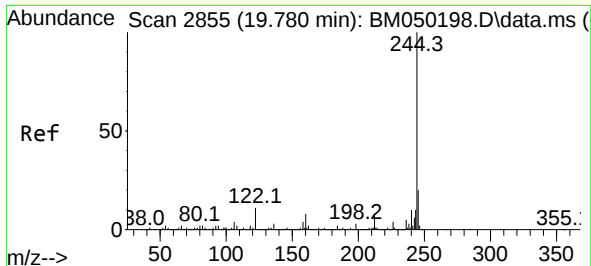
Ion Ratio Lower Upper

240 100

120 11.8 9.0 13.4

236 25.3 20.7 31.1

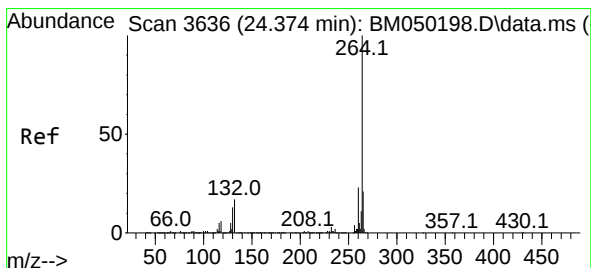
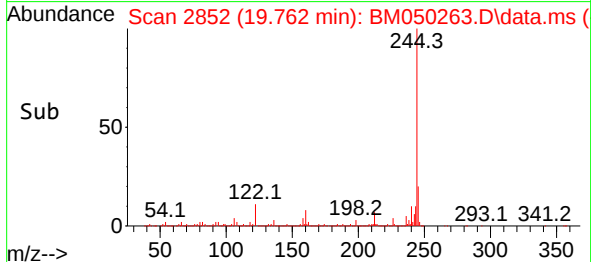
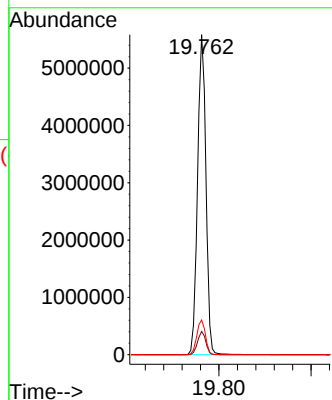
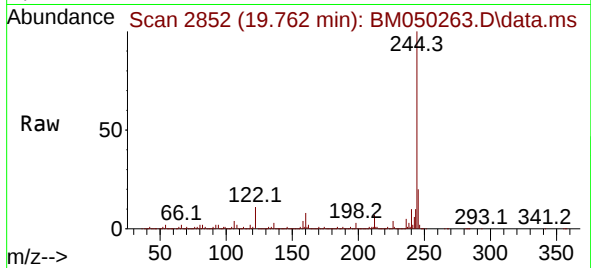




#79
 Terphenyl-d14
 Concen: 88.328 ng
 RT: 19.762 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050263.D
 Acq: 10 Jun 2025 05:28

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 6998812
 Ion Ratio Lower Upper
 244 100
 212 7.3 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: BM050263.D
 Acq: 10 Jun 2025 05:28

Tgt Ion:264 Resp: 1574973
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.9 16.8 25.2

