

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061325\
 Data File : BM050301.D
 Acq On : 13 Jun 2025 14:35
 Operator : RC/JU
 Sample : PB168376BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168376BL

Quant Time: Jun 13 15:06:31 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	440199	20.000	ng	0.00
21) Naphthalene-d8	10.545	136	1615194	20.000	ng	-0.01
39) Acenaphthene-d10	14.392	164	895324	20.000	ng	0.00
64) Phenanthrene-d10	17.127	188	1712472	20.000	ng	-0.01
76) Chrysene-d12	21.356	240	1763403	20.000	ng	-0.02
86) Perylene-d12	24.327	264	1843126	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3659530	138.679	ng	0.00
7) Phenol-d6	6.934	99	4521078	130.148	ng	0.00
23) Nitrobenzene-d5	8.910	82	2678000	86.230	ng	0.00
42) 2,4,6-Tribromophenol	15.874	330	1402951	137.765	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	5629702	85.129	ng	-0.01
79) Terphenyl-d14	19.756	244	7704026	82.790	ng	-0.01

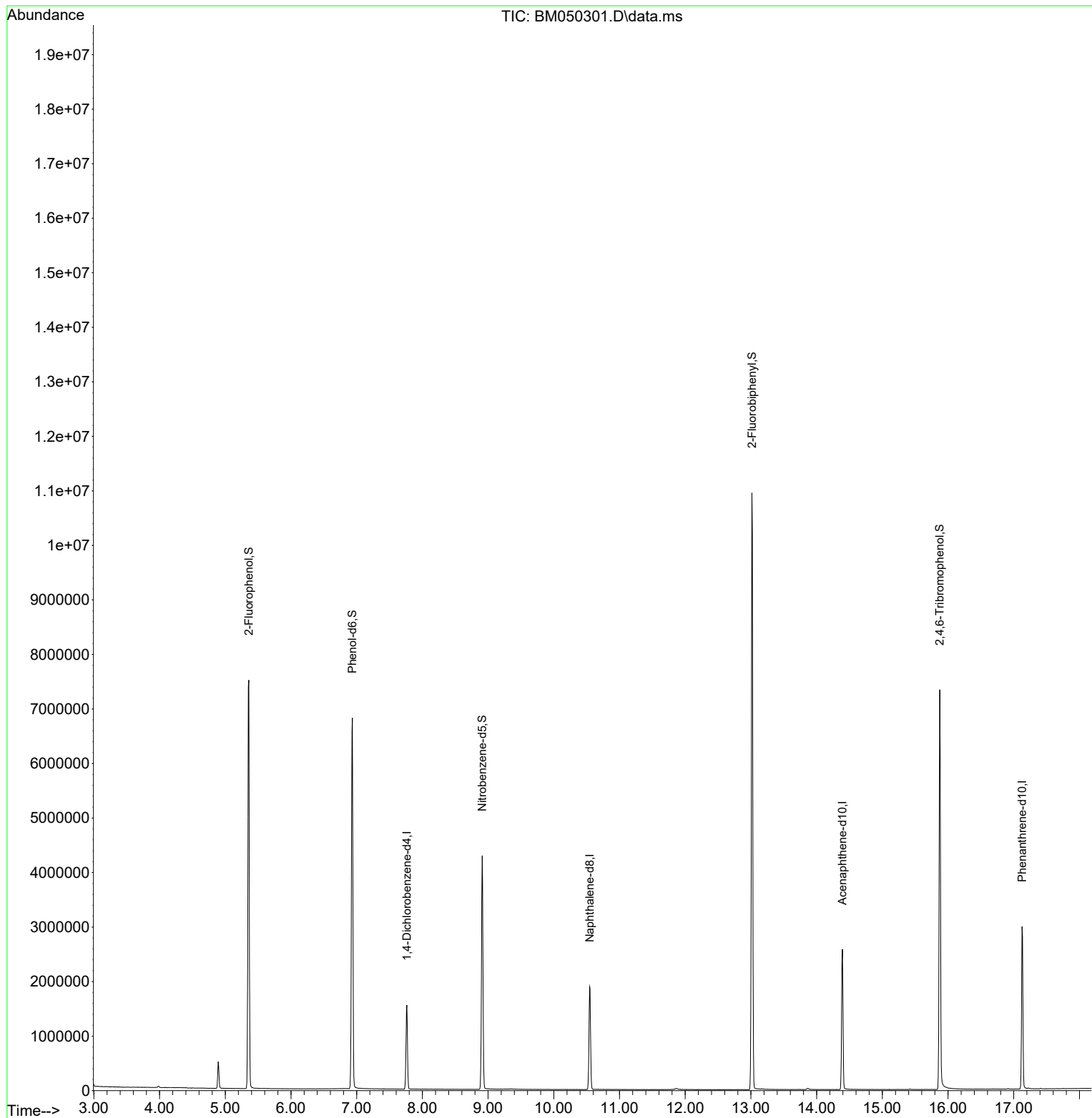
Target Compounds	Qvalue

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

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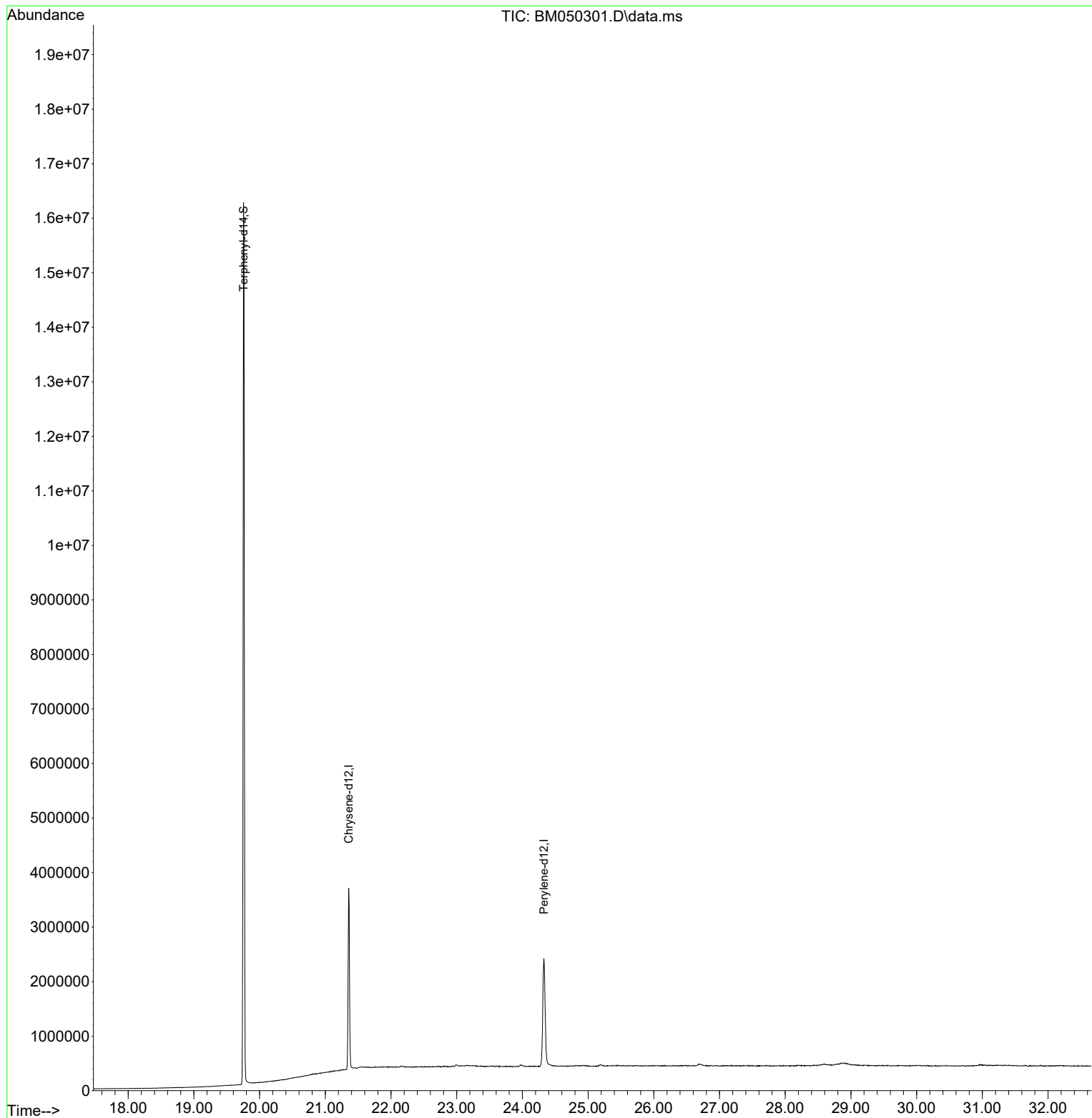
Quant Time: Jun 13 15:06:31 2025
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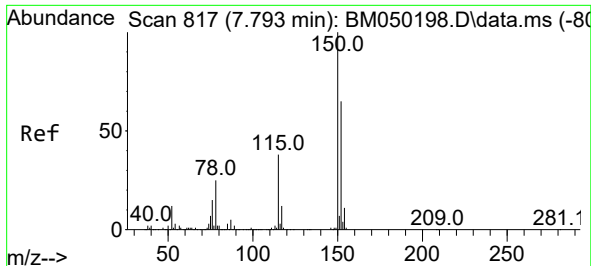


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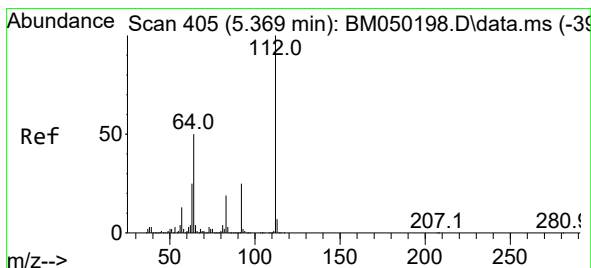
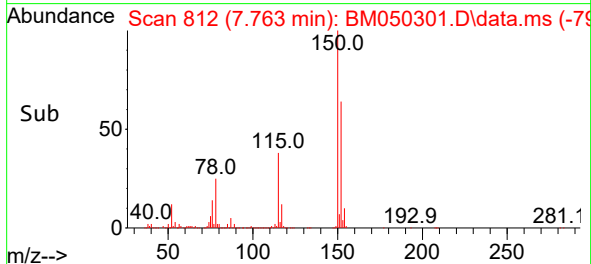
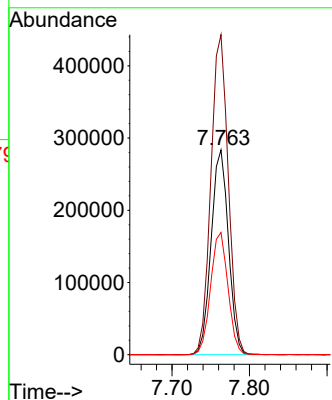
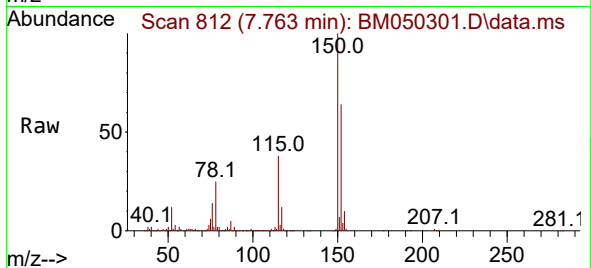




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050301.D
Acq: 13 Jun 2025 14:35

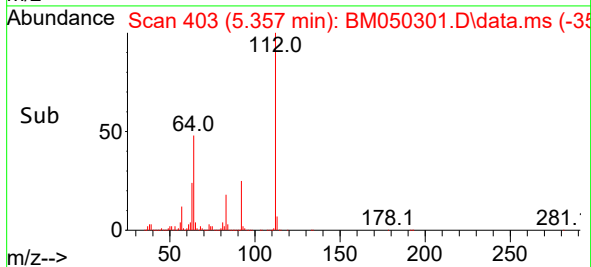
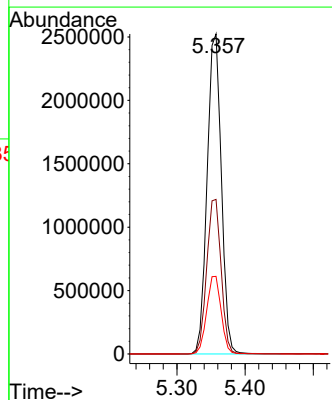
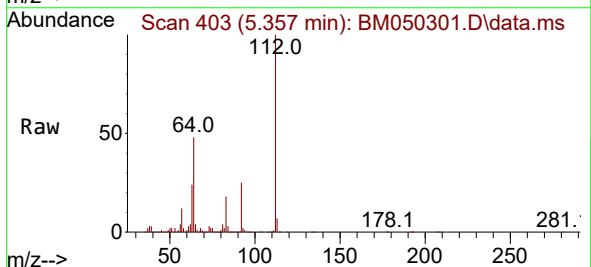
Instrument :
BNA_M
ClientSampleId :
PB168376BL

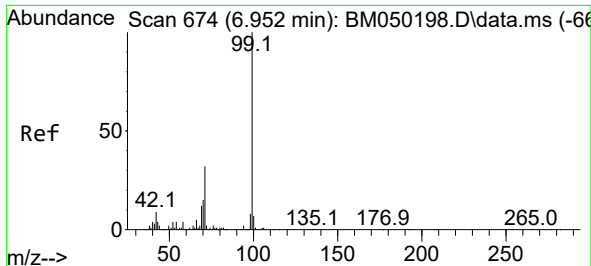
Tgt Ion:152 Resp: 440199
Ion Ratio Lower Upper
152 100
150 156.3 122.2 183.4
115 59.7 46.3 69.5



#5
2-Fluorophenol
Concen: 138.679 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050301.D
Acq: 13 Jun 2025 14:35

Tgt Ion:112 Resp: 3659530
Ion Ratio Lower Upper
112 100
64 48.3 39.8 59.6
63 24.3 19.8 29.8

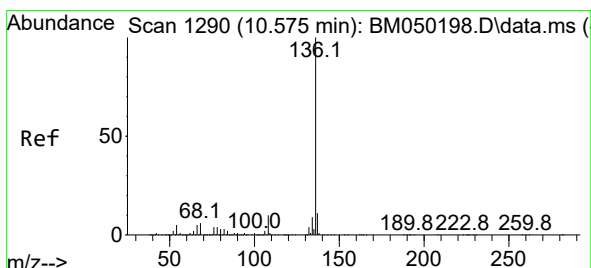
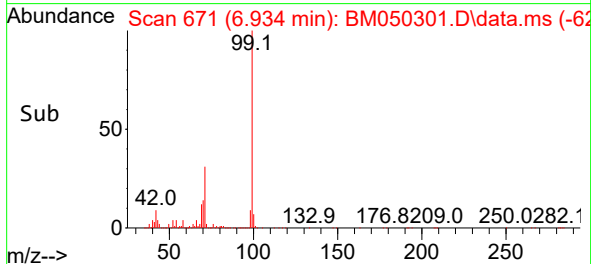
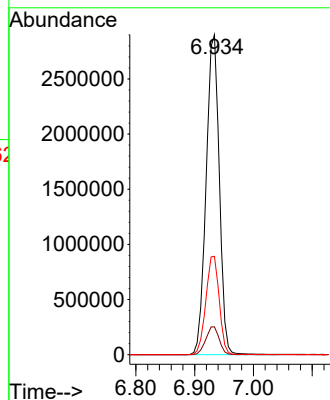
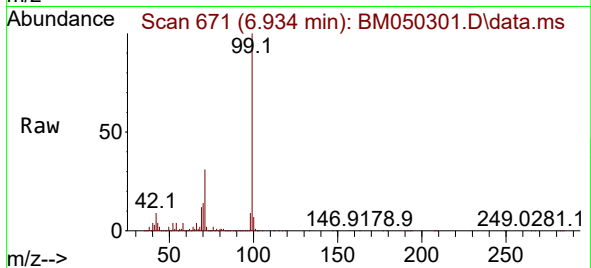




#7
Phenol-d6
Concen: 130.148 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050301.D
Acq: 13 Jun 2025 14:35

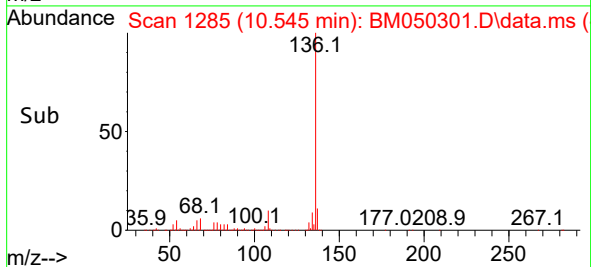
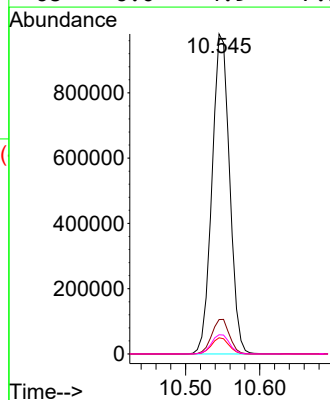
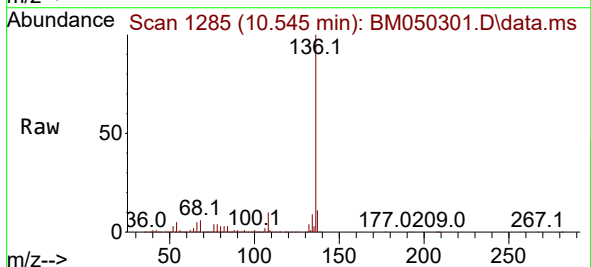
Instrument :
BNA_M
ClientSampleId :
PB168376BL

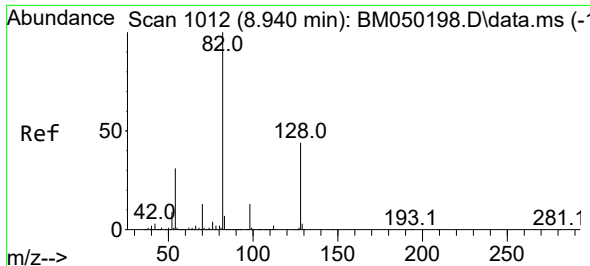
Tgt Ion: 99 Resp: 4521078
Ion Ratio Lower Upper
99 100
42 8.7 6.9 10.3
71 30.8 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM050301.D
Acq: 13 Jun 2025 14:35

Tgt Ion: 136 Resp: 1615194
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 5.0 3.8 5.8
68 6.0 4.9 7.3

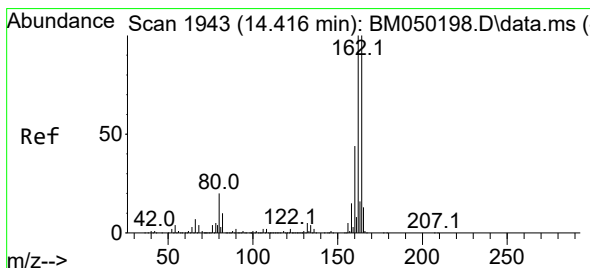
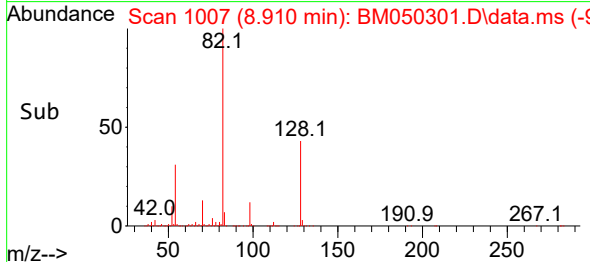
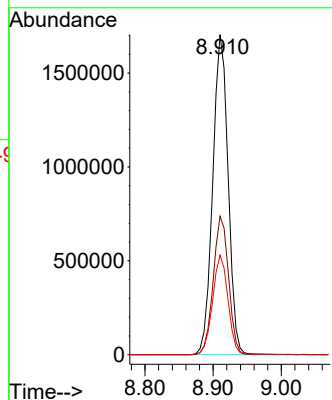
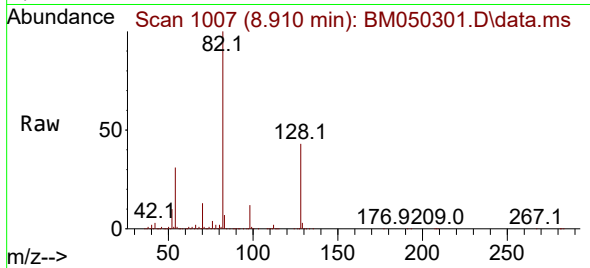




#23
Nitrobenzene-d5
Concen: 86.230 ng
RT: 8.910 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM050301.D
Acq: 13 Jun 2025 14:35

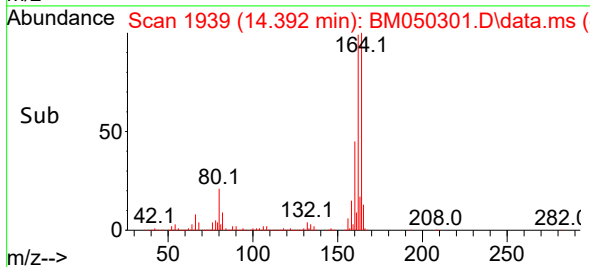
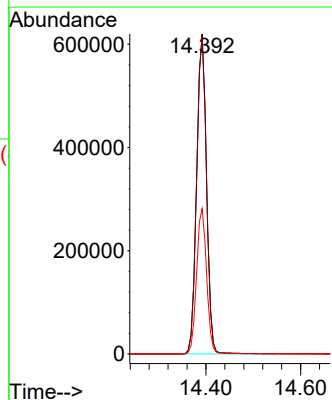
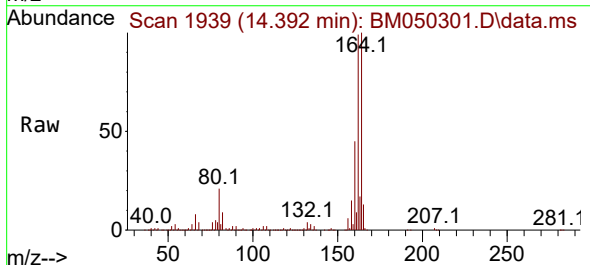
Instrument :
BNA_M
ClientSampleId :
PB168376BL

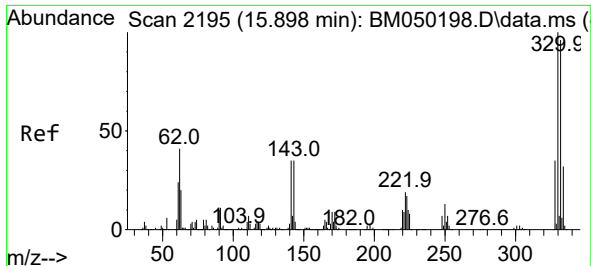
Tgt Ion: 82 Resp: 2678000
Ion Ratio Lower Upper
82 100
128 43.2 35.2 52.8
54 31.1 24.5 36.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM050301.D
Acq: 13 Jun 2025 14:35

Tgt Ion: 164 Resp: 895324
Ion Ratio Lower Upper
164 100
162 99.3 80.2 120.4
160 45.4 35.7 53.5

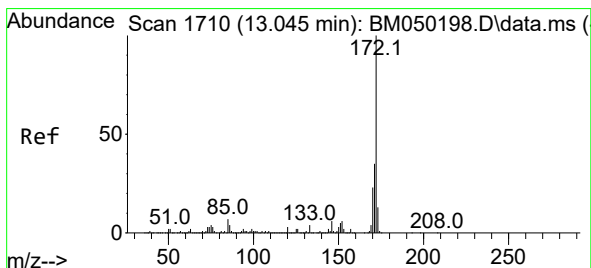
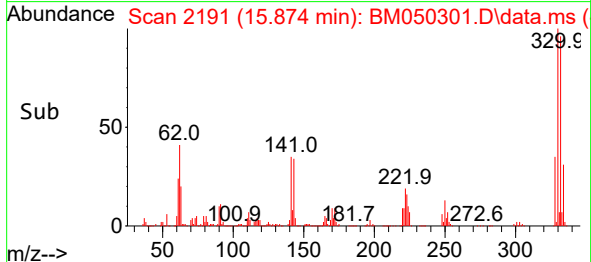
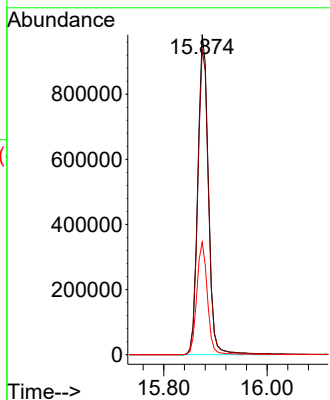
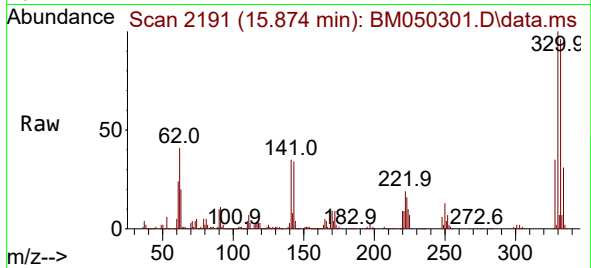




#42
2,4,6-Tribromophenol
Concen: 137.765 ng
RT: 15.874 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM050301.D
Acq: 13 Jun 2025 14:35

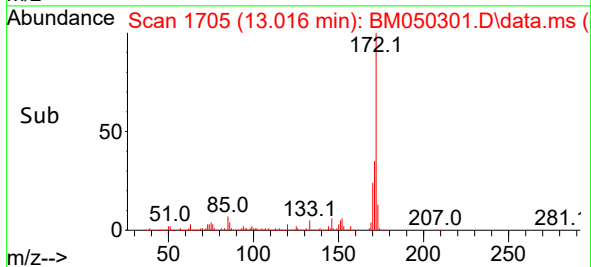
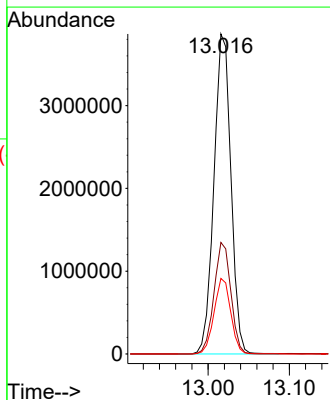
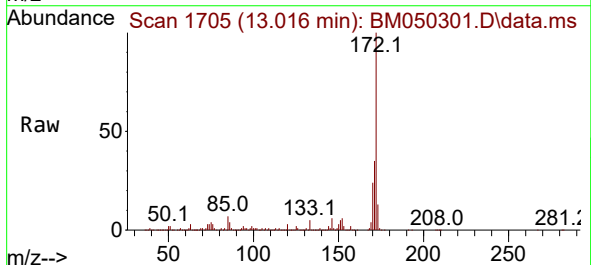
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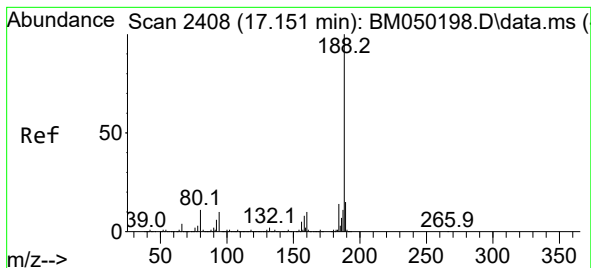
Tgt Ion:330 Resp: 1402951
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 35.0 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 85.129 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BM050301.D
Acq: 13 Jun 2025 14:35

Tgt Ion:172 Resp: 5629702
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.6 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.127 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM050301.D

Acq: 13 Jun 2025 14:35

Instrument :

BNA_M

ClientSampleId :

PB168376BL

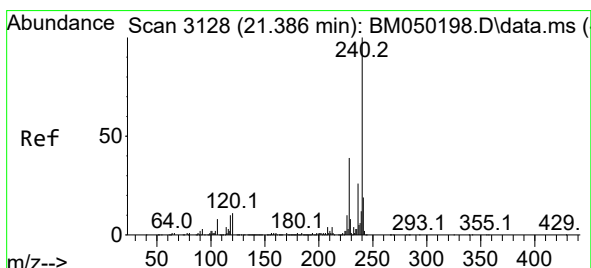
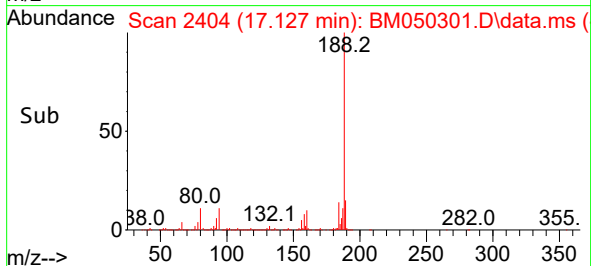
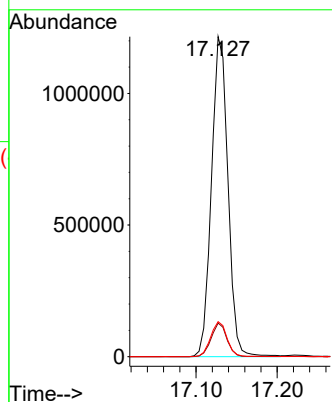
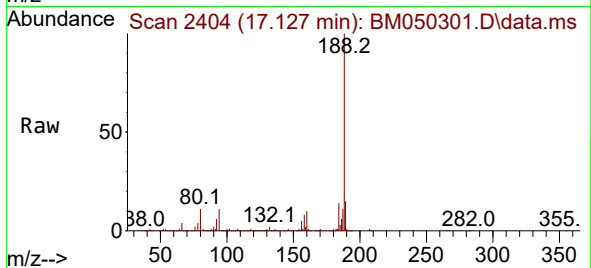
Tgt Ion:188 Resp: 1712472

Ion Ratio Lower Upper

188 100

94 10.5 8.1 12.1

80 10.9 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.356 min Scan# 3123

Delta R.T. -0.018 min

Lab File: BM050301.D

Acq: 13 Jun 2025 14:35

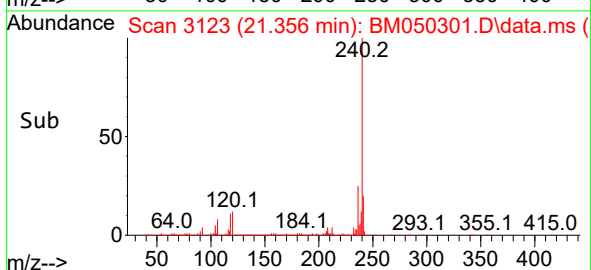
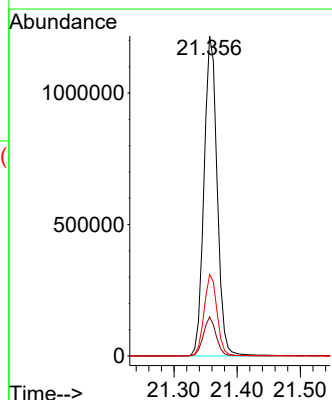
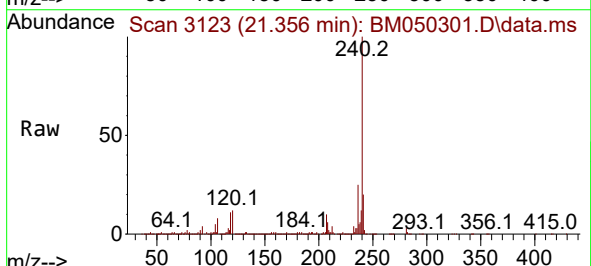
Tgt Ion:240 Resp: 1763403

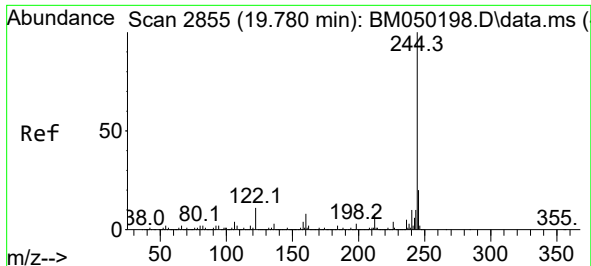
Ion Ratio Lower Upper

240 100

120 12.2 9.0 13.4

236 25.4 20.7 31.1

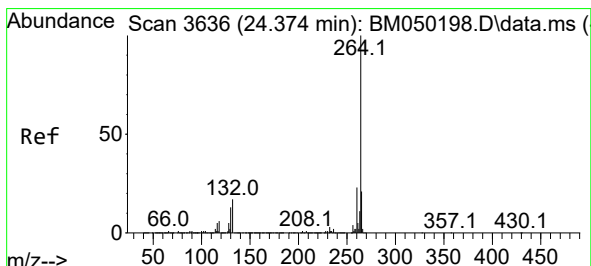
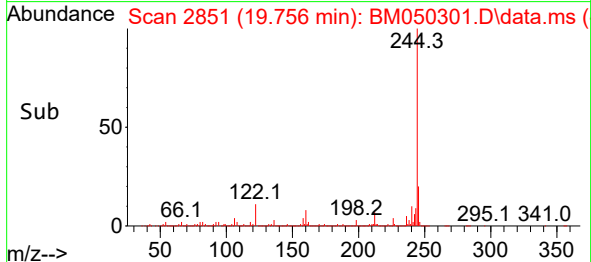
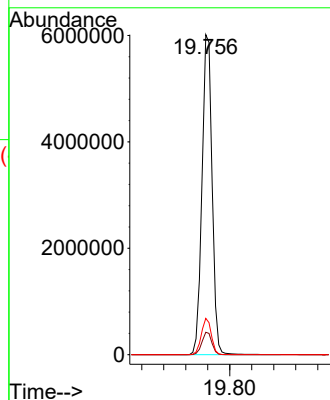
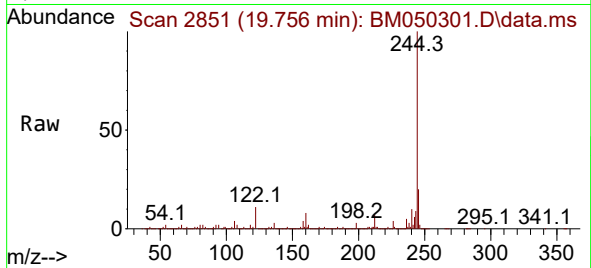




#79
 Terphenyl-d14
 Concen: 82.790 ng
 RT: 19.756 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050301.D
 Acq: 13 Jun 2025 14:35

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 7704026
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 11.3 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.327 min Scan# 3628
 Delta R.T. -0.018 min
 Lab File: BM050301.D
 Acq: 13 Jun 2025 14:35

Tgt Ion:264 Resp: 1843126
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 22.4 16.8 25.2

