

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
 Data File : BM034051.D
 Acq On : 23 Feb 2022 14:11
 Operator : CG/JU
 Sample : N1634-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20071

Quant Time: Feb 23 14:53:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 22 17:55:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

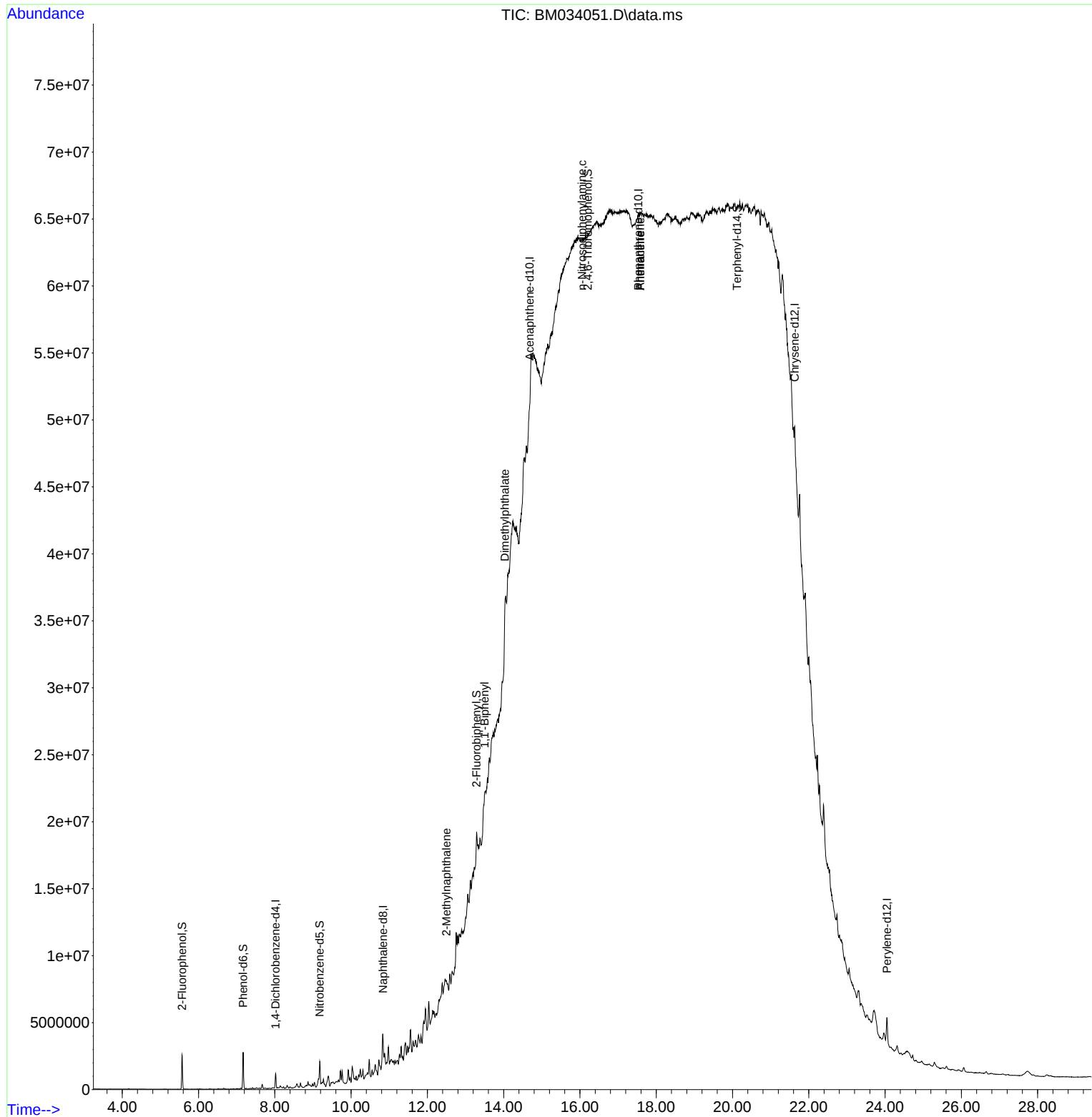
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	295865	20.000	ng	0.00
21) Naphthalene-d8	10.836	136	1008796	20.000	ng	# 0.00
39) Acenaphthene-d10	14.683	164	259387	20.000	ng	# 0.03
64) Phenanthrene-d10	17.530	188	170063	20.000	ng	# 0.14
76) Chrysene-d12	21.630	240	1360350	20.000	ng	# 0.06
86) Perylene-d12	24.047	264	1424910	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	1121873	67.594	ng	0.00
7) Phenol-d6	7.166	99	1454971	66.759	ng	0.00
23) Nitrobenzene-d5	9.178	82	1059029	56.653	ng	0.00
42) 2,4,6-Tribromophenol	16.207	330	311799	99.043	ng	0.07
45) 2-Fluorobiphenyl	13.289	172	2518256	129.346	ng	0.00
79) Terphenyl-d14	20.118	244	1249848	15.999	ng	0.11
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	12.495	142	80671	2.133	ng	# 27
46) 1,1'-Biphenyl	13.501	154	1283366	64.757	ng	84
50) Dimethylphthalate	14.030	163	452653	23.538	ng	# 55
66) n-Nitrosodiphenylamine	16.054	169	512064	96.177	ng	# 57
71) Phenanthrene	17.577	178	156574	16.598	ng	# 1
72) Anthracene	17.577	178	156574	17.056	ng	# 1

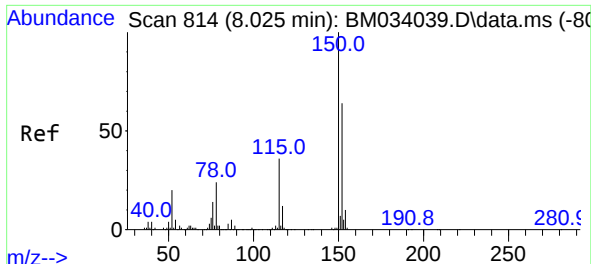
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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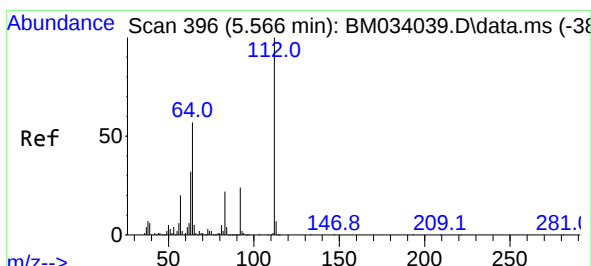
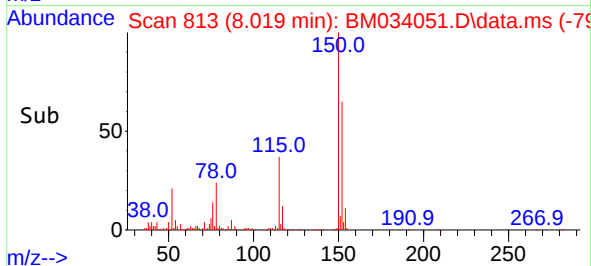
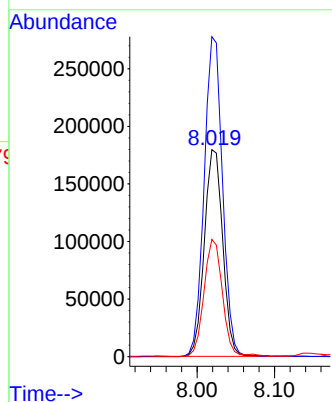
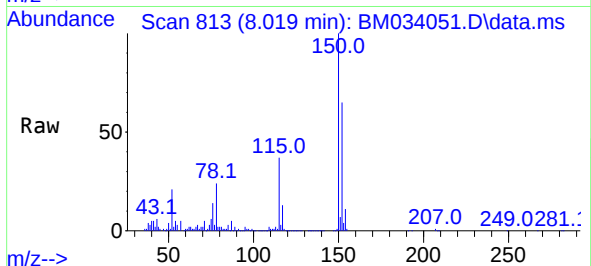




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.019 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM034051.D
Acq: 23 Feb 2022 14:11

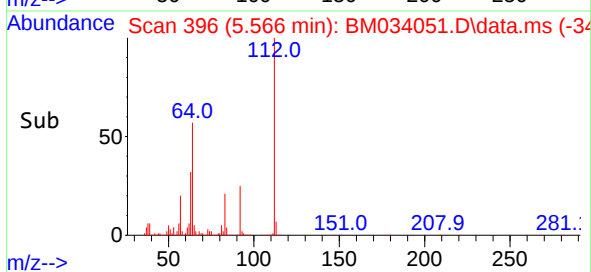
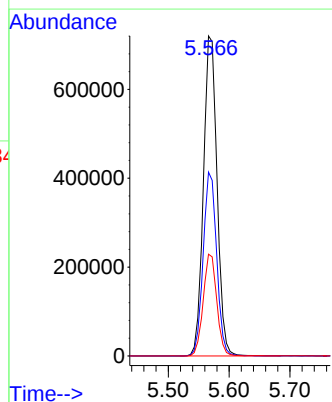
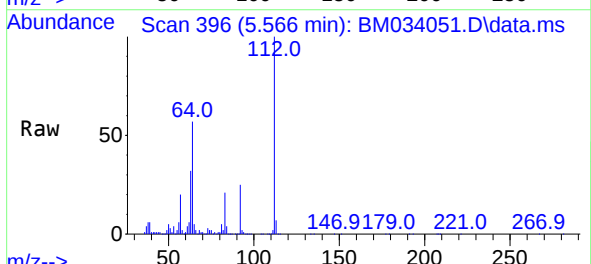
Instrument :
BNA_M
ClientSampleId :
20071

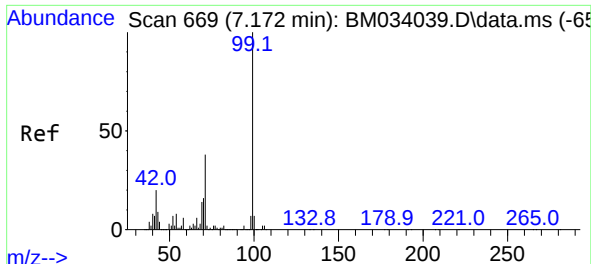
Tgt Ion:152 Resp: 295865
Ion Ratio Lower Upper
152 100
150 154.6 128.9 193.3
115 56.7 53.0 79.6



#5
2-Fluorophenol
Concen: 67.594 ng
RT: 5.566 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM034051.D
Acq: 23 Feb 2022 14:11

Tgt Ion:112 Resp: 1121873
Ion Ratio Lower Upper
112 100
64 57.5 55.5 83.3
63 31.8 31.3 46.9

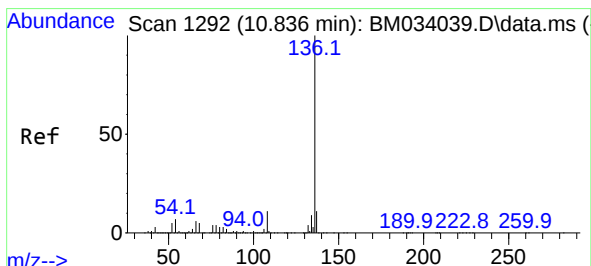
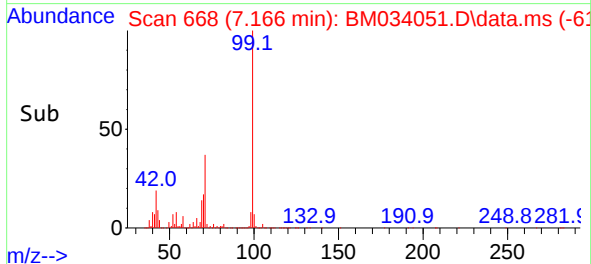
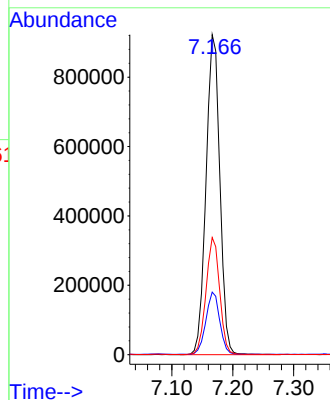
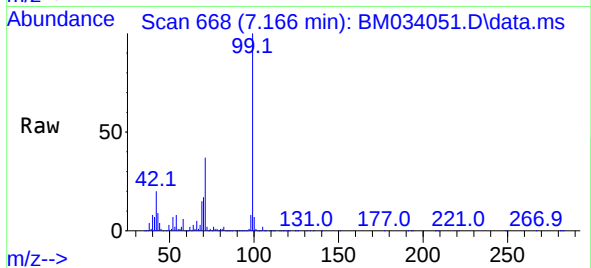




#7
Phenol-d6
Concen: 66.759 ng
RT: 7.166 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM034051.D
Acq: 23 Feb 2022 14:11

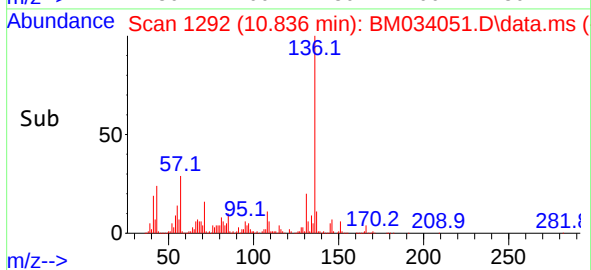
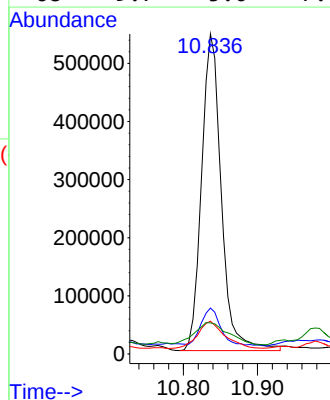
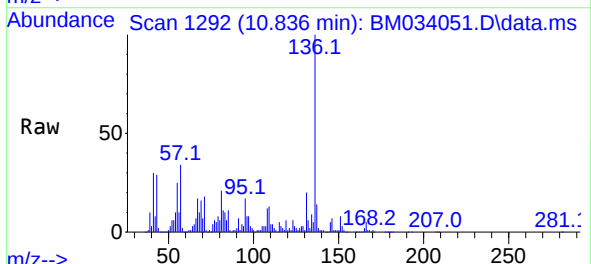
Instrument :
BNA_M
ClientSampleId :
20071

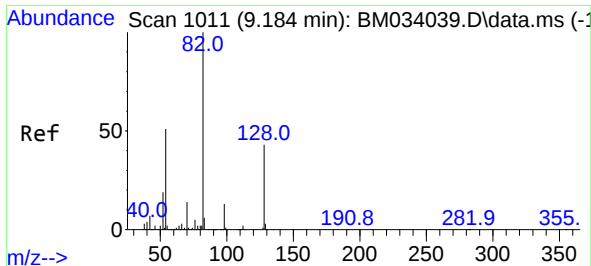
Tgt Ion: 99 Resp: 1454971
Ion Ratio Lower Upper
99 100
42 19.6 20.3 30.5#
71 36.6 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.836 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BM034051.D
Acq: 23 Feb 2022 14:11

Tgt Ion: 136 Resp: 1008796
Ion Ratio Lower Upper
136 100
137 14.3 8.6 13.0#
54 10.3 8.3 12.5
68 9.7 5.0 7.6#

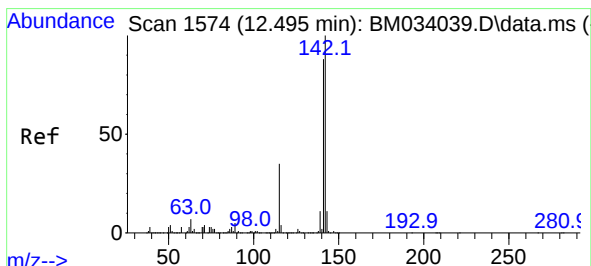
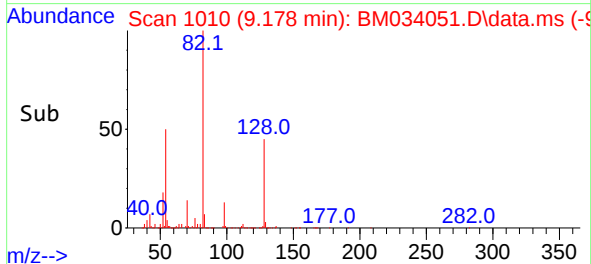
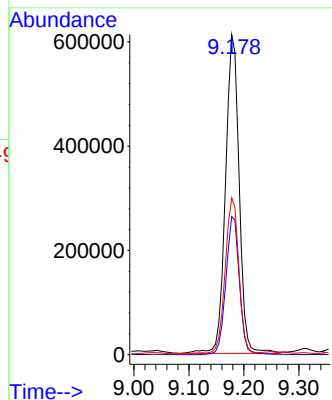
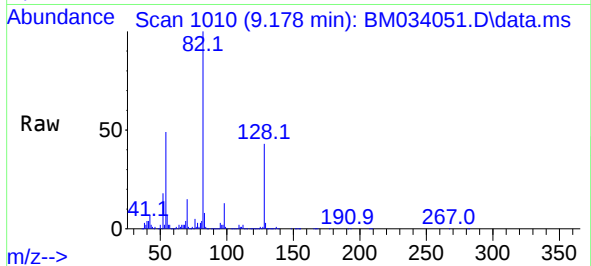




#23
Nitrobenzene-d5
Concen: 56.653 ng
RT: 9.178 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BM034051.D
Acq: 23 Feb 2022 14:11

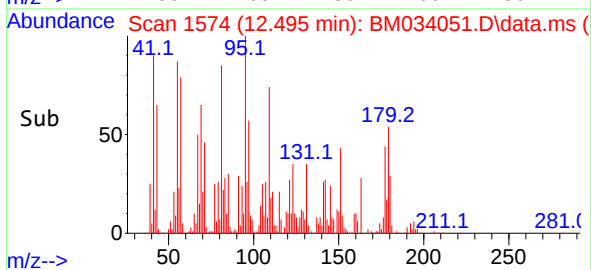
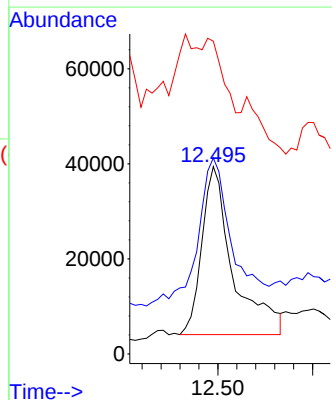
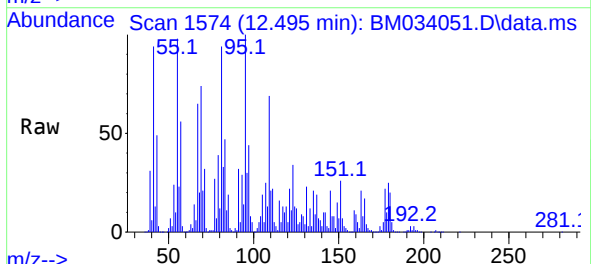
Instrument :
BNA_M
ClientSampleId :
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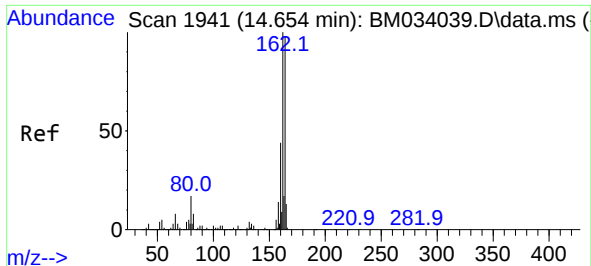
Tgt Ion: 82 Resp: 1059029
Ion Ratio Lower Upper
82 100
128 43.2 28.1 42.1#
54 49.0 46.1 69.1



#37
2-Methylnaphthalene
Concen: 2.133 ng
RT: 12.495 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BM034051.D
Acq: 23 Feb 2022 14:11

Tgt Ion: 142 Resp: 80671
Ion Ratio Lower Upper
142 100
141 104.6 72.2 108.2
115 167.0 33.0 49.6#

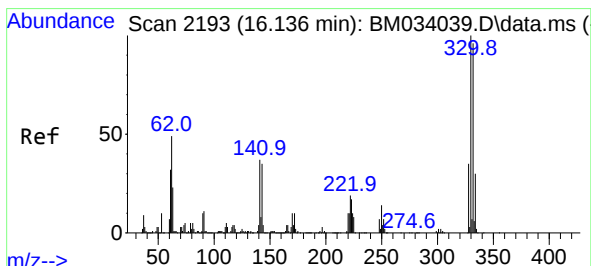
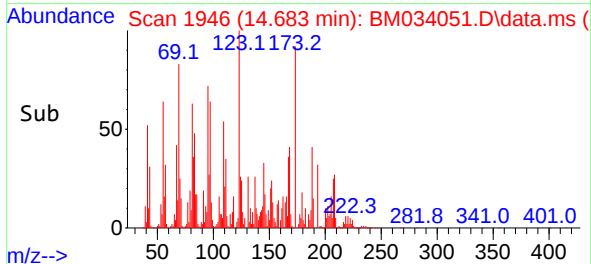
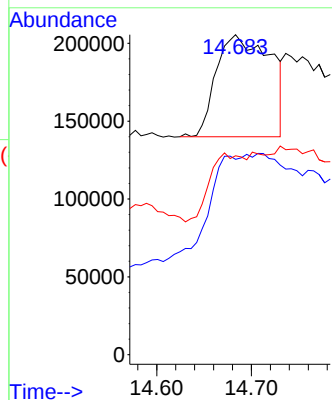
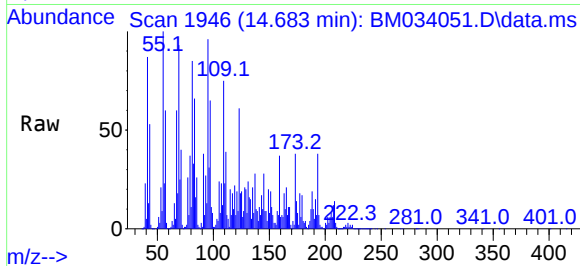




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.683 min Scan# 1946
Delta R.T. 0.029 min
Lab File: BM034051.D
Acq: 23 Feb 2022 14:11

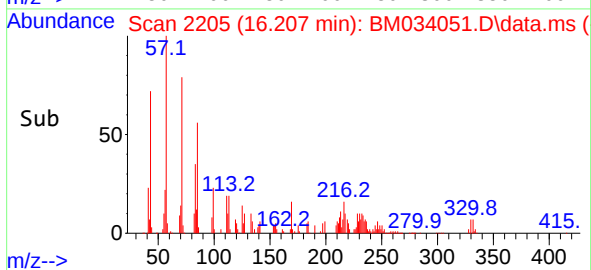
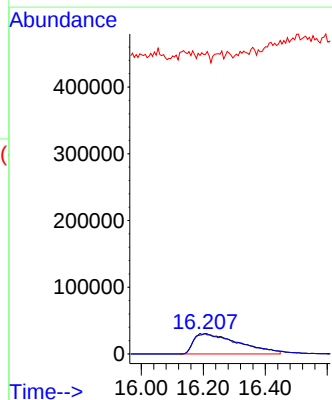
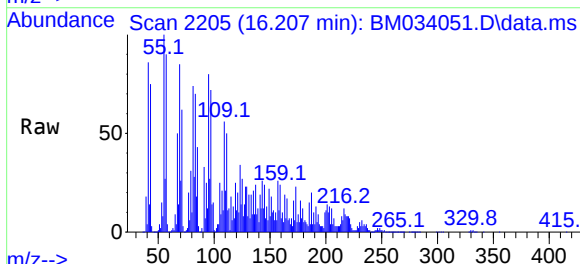
Instrument :
BNA_M
ClientSampleId :
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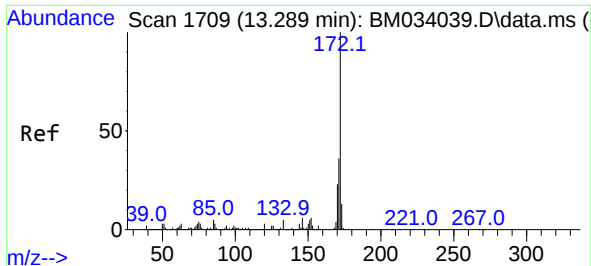
Tgt Ion:164 Resp: 259387
Ion Ratio Lower Upper
164 100
162 61.1 79.7 119.5#
160 62.2 34.2 51.4#



#42
2,4,6-Tribromophenol
Concen: 99.043 ng
RT: 16.207 min Scan# 2205
Delta R.T. 0.071 min
Lab File: BM034051.D
Acq: 23 Feb 2022 14:11

Tgt Ion:330 Resp: 311799
Ion Ratio Lower Upper
330 100
332 97.9 76.5 114.7
141 0.0 35.9 53.9#

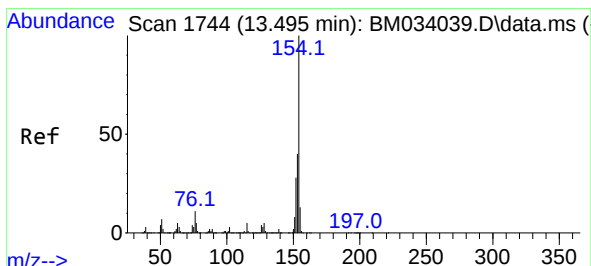
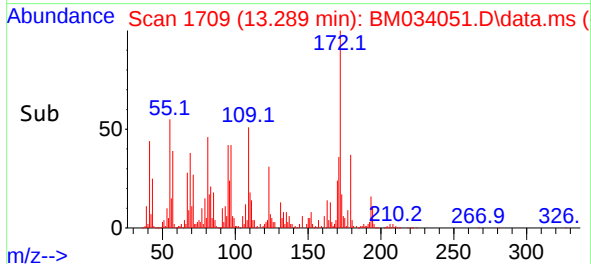
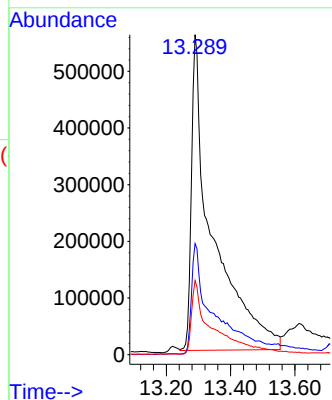
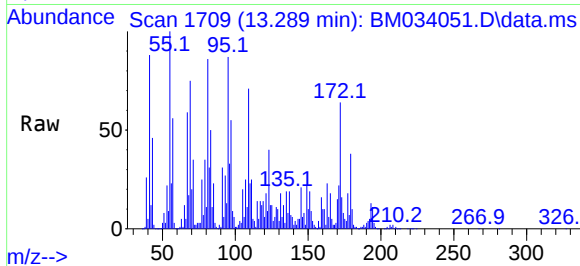




#45
2-Fluorobiphenyl
Concen: 129.346 ng
RT: 13.289 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BM034051.D
Acq: 23 Feb 2022 14:11

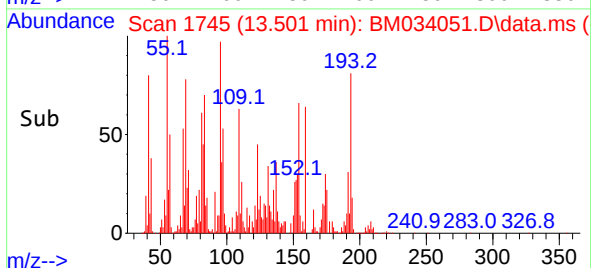
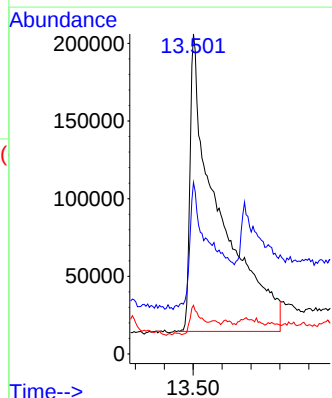
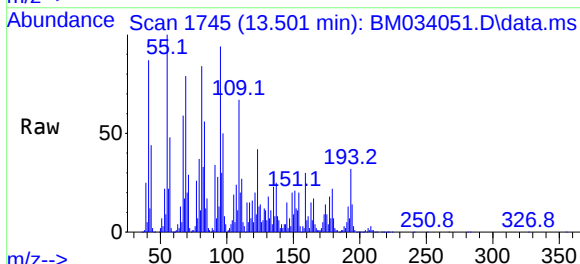
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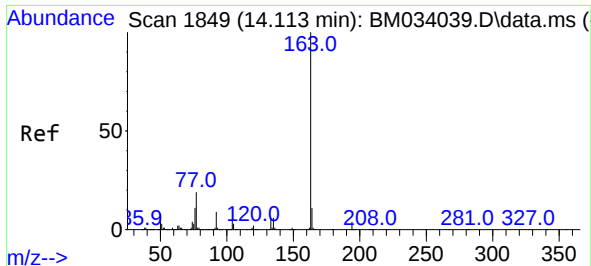
Tgt Ion:172 Resp: 2518256
Ion Ratio Lower Upper
172 100
171 34.7 27.2 40.8
170 23.1 18.7 28.1



#46
1,1'-Biphenyl
Concen: 64.757 ng
RT: 13.501 min Scan# 1745
Delta R.T. 0.006 min
Lab File: BM034051.D
Acq: 23 Feb 2022 14:11

Tgt Ion:154 Resp: 1283366
Ion Ratio Lower Upper
154 100
153 53.6 20.7 60.7
76 15.2 0.0 34.4

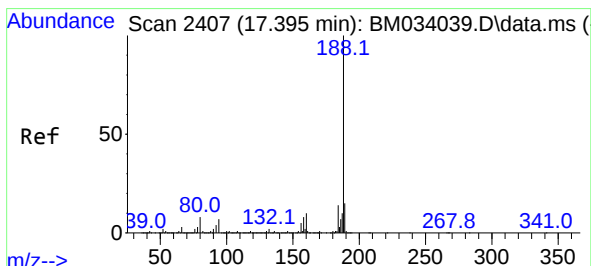
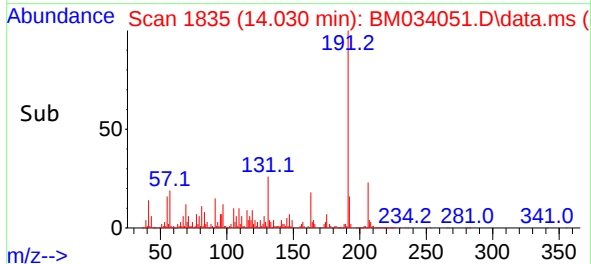
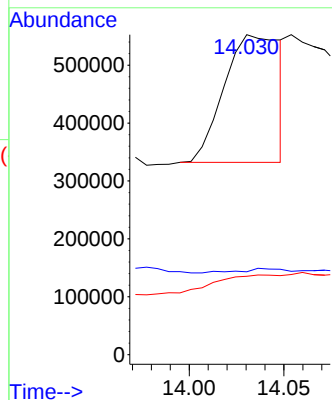
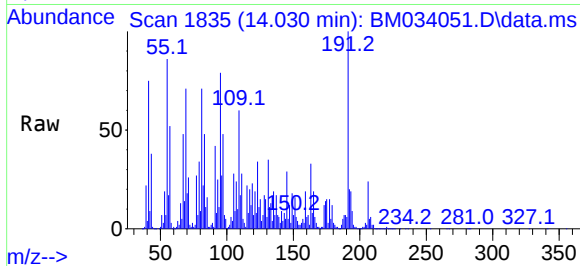




#50
Dimethylphthalate
Concen: 23.538 ng
RT: 14.030 min Scan# 1
Delta R.T. -0.082 min
Lab File: BM034051.D
Acq: 23 Feb 2022 14:11

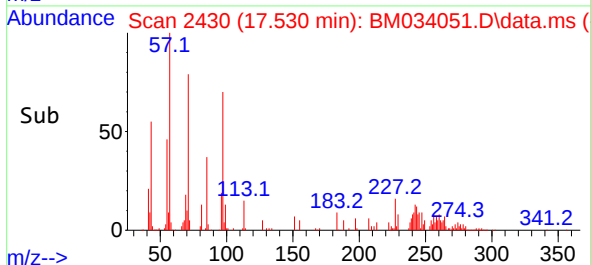
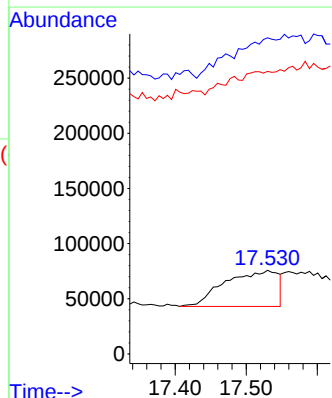
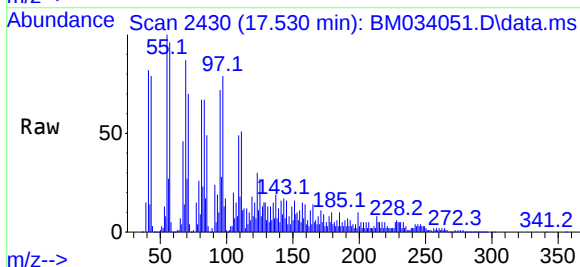
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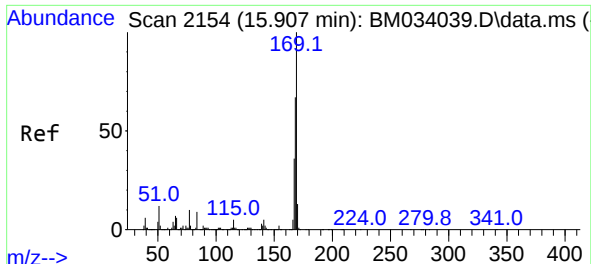
Tgt Ion:163 Resp: 452653
Ion Ratio Lower Upper
163 100
194 25.9 3.2 4.8#
164 24.5 8.6 12.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.530 min Scan# 2430
Delta R.T. 0.135 min
Lab File: BM034051.D
Acq: 23 Feb 2022 14:11

Tgt Ion:188 Resp: 170063
Ion Ratio Lower Upper
188 100
94 377.9 7.5 11.3#
80 337.7 8.9 13.3#

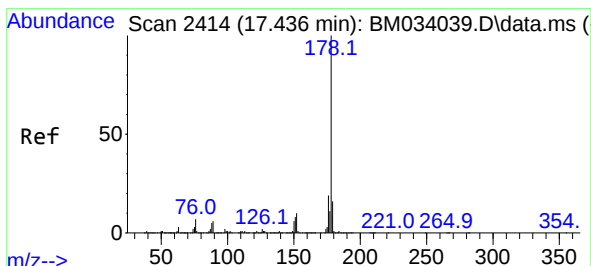
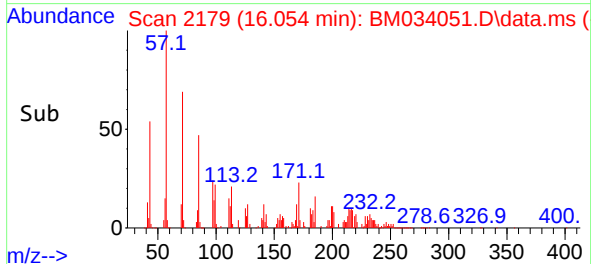
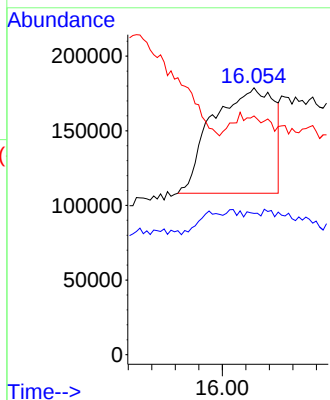
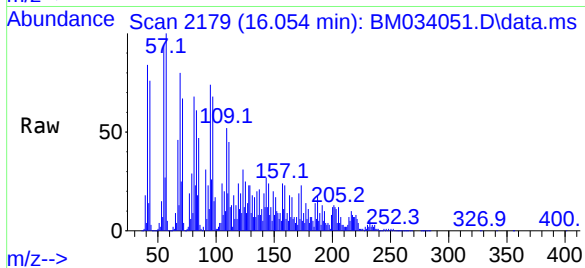




#66
n-Nitrosodiphenylamine
Concen: 96.177 ng
RT: 16.054 min Scan# 2154
Delta R.T. 0.147 min
Lab File: BM034051.D
Acq: 23 Feb 2022 14:11

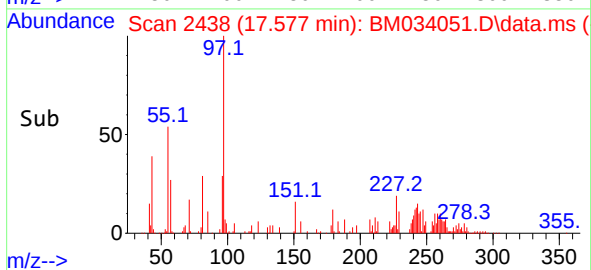
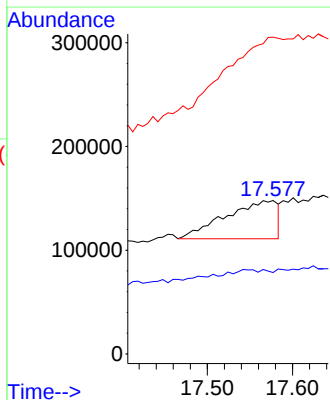
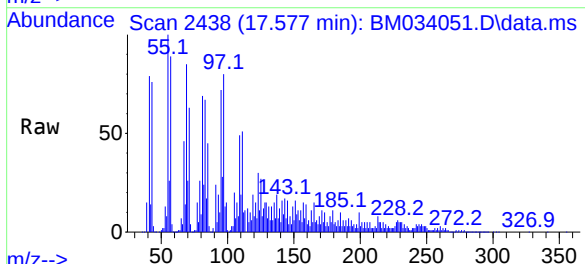
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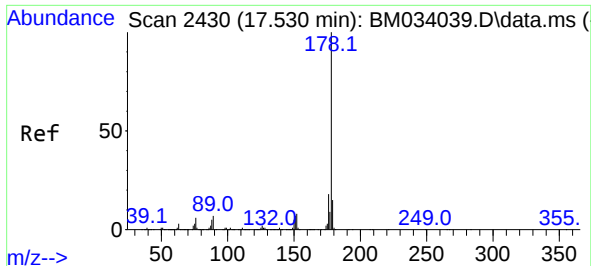
Tgt Ion:169 Resp: 512064
Ion Ratio Lower Upper
169 100
168 52.9 52.5 78.7
167 89.4 28.4 42.6#



#71
Phenanthrene
Concen: 16.598 ng
RT: 17.577 min Scan# 2438
Delta R.T. 0.141 min
Lab File: BM034051.D
Acq: 23 Feb 2022 14:11

Tgt Ion:178 Resp: 156574
Ion Ratio Lower Upper
178 100
176 53.1 15.1 22.7#
179 206.4 12.0 18.0#

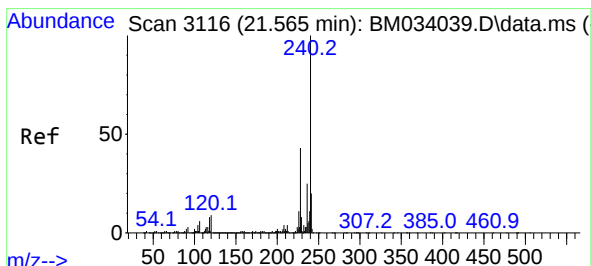
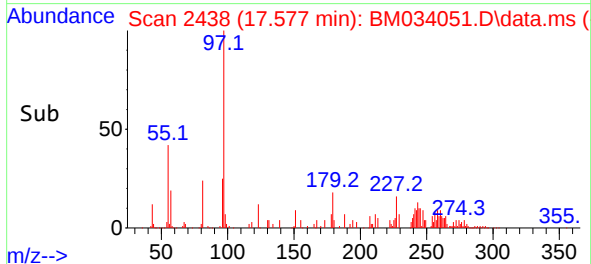
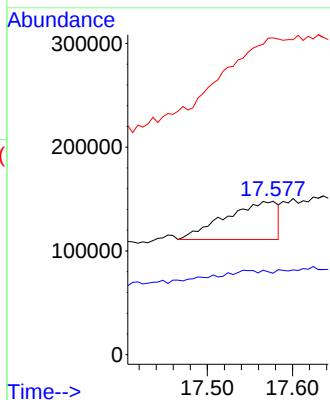
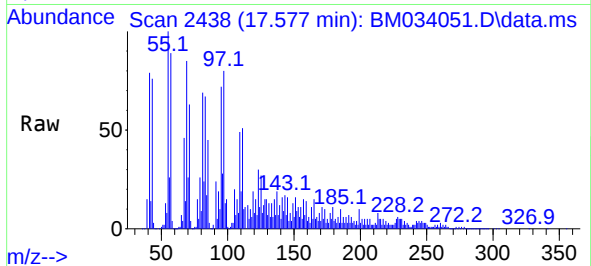




#72
 Anthracene
 Concen: 17.056 ng
 RT: 17.577 min Scan# 2430
 Delta R.T. 0.047 min
 Lab File: BM034051.D
 Acq: 23 Feb 2022 14:11

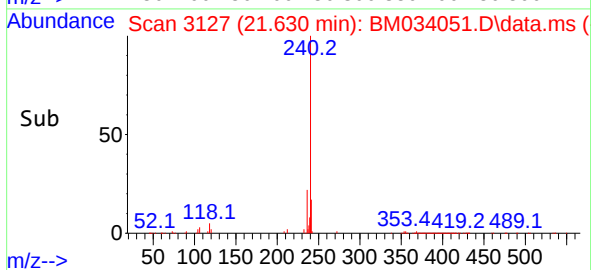
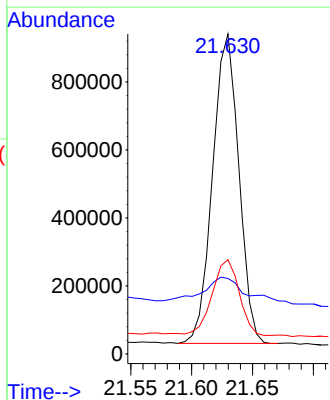
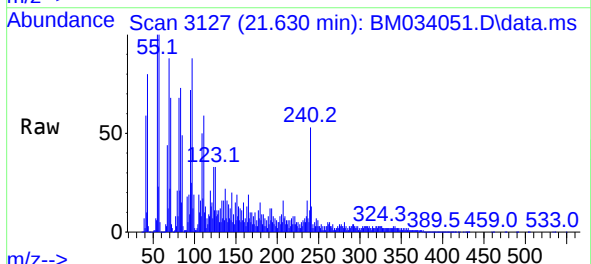
Instrument :
 BNA_M
 ClientSampleId :
 20071

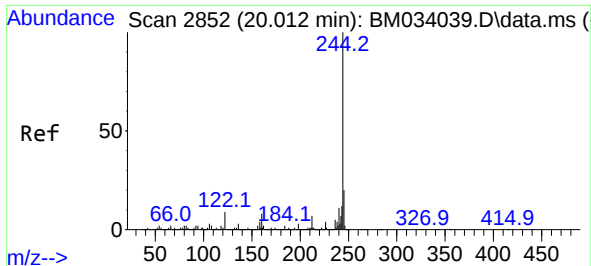
Tgt Ion:178 Resp: 156574
 Ion Ratio Lower Upper
 178 100
 176 53.1 14.5 21.7#
 179 206.4 11.9 17.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.630 min Scan# 3127
 Delta R.T. 0.065 min
 Lab File: BM034051.D
 Acq: 23 Feb 2022 14:11

Tgt Ion:240 Resp: 1360350
 Ion Ratio Lower Upper
 240 100
 120 23.6 7.8 11.6#
 236 29.5 20.3 30.5

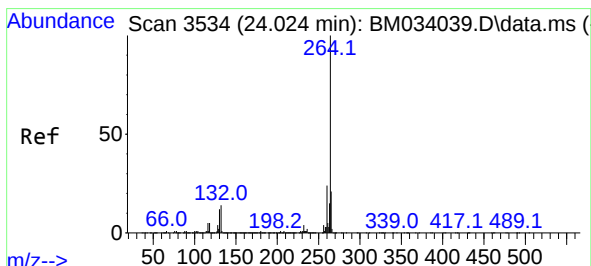
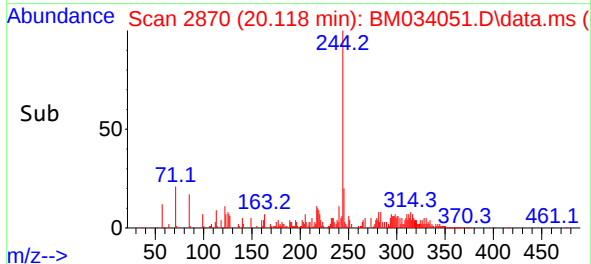
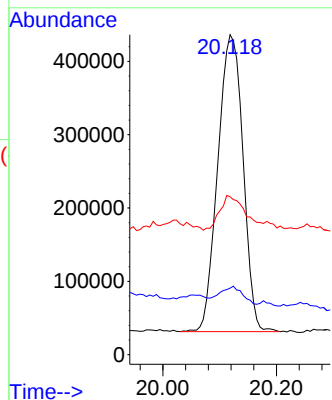
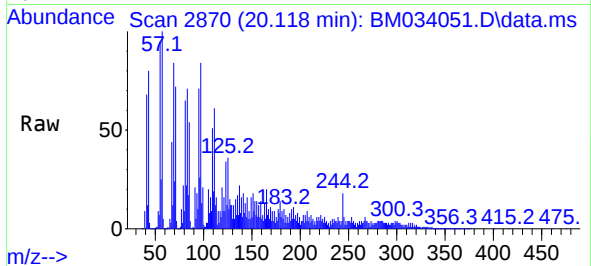




#79
 Terphenyl-d14
 Concen: 15.999 ng
 RT: 20.118 min Scan# 21
 Delta R.T. 0.106 min
 Lab File: BM034051.D
 Acq: 23 Feb 2022 14:11

Instrument :
 BNA_M
 ClientSampleId :
 20071

Tgt Ion:244 Resp: 1249848
 Ion Ratio Lower Upper
 244 100
 212 20.8 5.9 8.9#
 122 49.3 8.4 12.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.047 min Scan# 3538
 Delta R.T. 0.023 min
 Lab File: BM034051.D
 Acq: 23 Feb 2022 14:11

Tgt Ion:264 Resp: 1424910
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.7 26.5
 265 22.1 17.7 26.5

