

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
 Data File : BM034062.D
 Acq On : 23 Feb 2022 20:55
 Operator : CG/JU
 Sample : N1634-01DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20071

Quant Time: Feb 24 04:51:47 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)

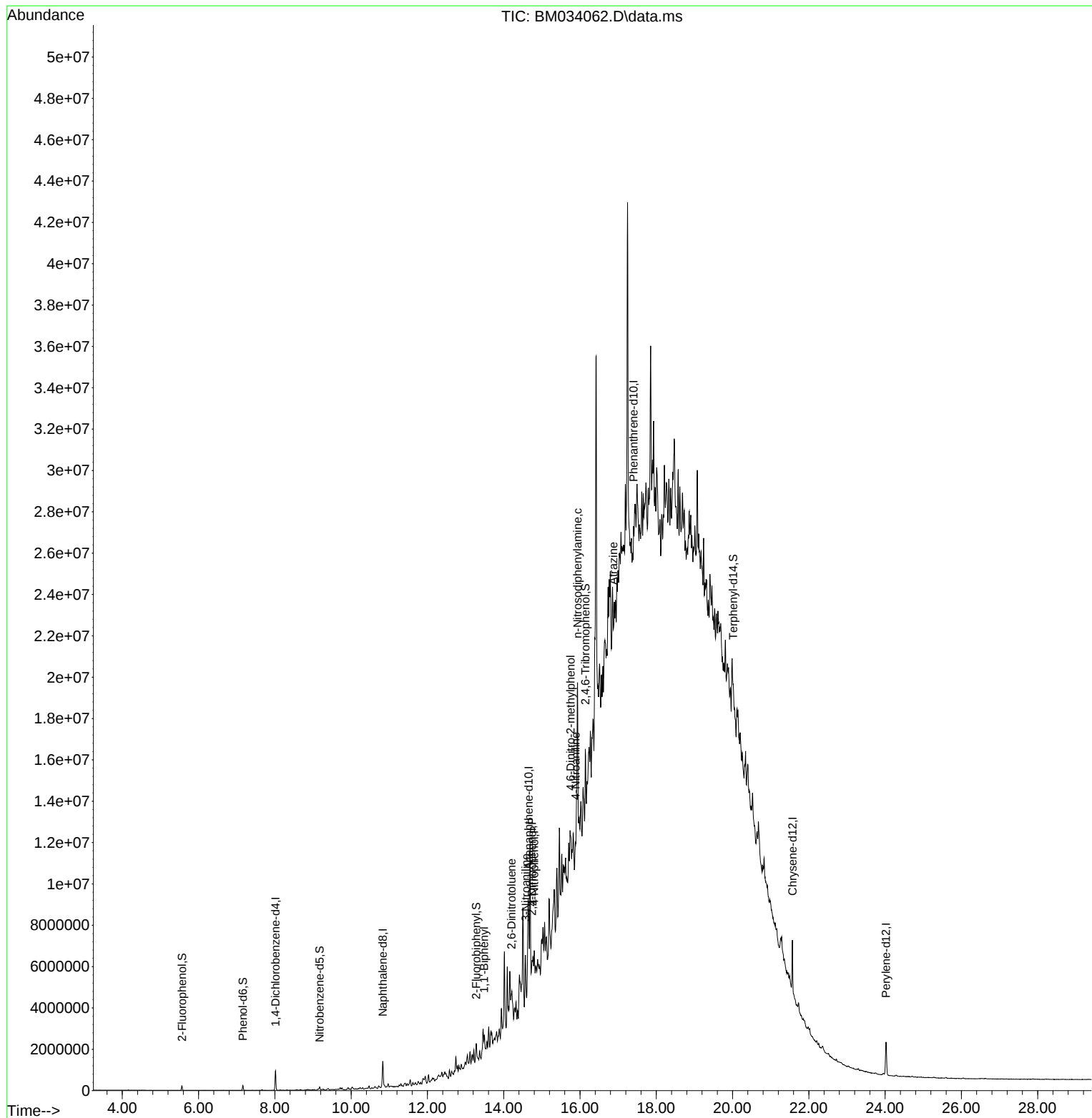
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	259745	20.000	ng	0.00
21) Naphthalene-d8	10.830	136	927541	20.000	ng	# 0.00
39) Acenaphthene-d10	14.654	164	619928	20.000	ng	0.00
64) Phenanthrene-d10	17.406	188	1236888	20.000	ng	# 0.01
76) Chrysene-d12	21.571	240	1196292	20.000	ng	0.00
86) Perylene-d12	24.024	264	1253846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	93403	6.410	ng	0.00
7) Phenol-d6	7.160	99	117538	6.143	ng	-0.01
23) Nitrobenzene-d5	9.172	82	79073	4.601	ng	-0.01
42) 2,4,6-Tribromophenol	16.142	330	57341	7.621	ng	0.00
45) 2-Fluorobiphenyl	13.283	172	222534	4.783	ng	0.00
79) Terphenyl-d14	20.018	244	388351	5.653	ng	0.00
Target Compounds						
						Qvalue
46) 1,1'-Biphenyl	13.489	154	103055	2.176	ng	93
51) 2,6-Dinitrotoluene	14.207	165	20222	2.224	ng	# 29
53) 3-Nitroaniline	14.577	138	49434	5.434	ng	# 19
54) 2,4-Dinitrophenol	14.742	184	315	4.411	ng	# 1
56) 4-Nitrophenol	14.801	139	16539	2.249	ng	# 1
62) 4-Nitroaniline	15.889	138	27030	2.863	ng	83
65) 4,6-Dinitro-2-methylph...	15.754	198	18723	2.583	ng	# 1
66) n-Nitrosodiphenylamine	15.936	169	132928	3.433	ng	# 73
69) Atrazine	16.877	200	79177	6.181	ng	# 5

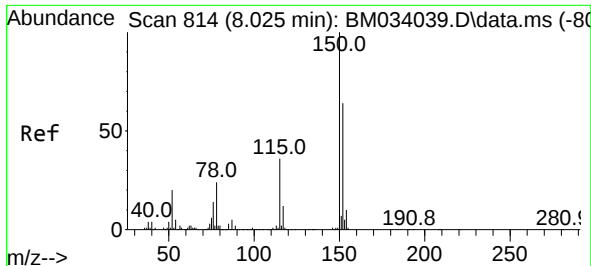
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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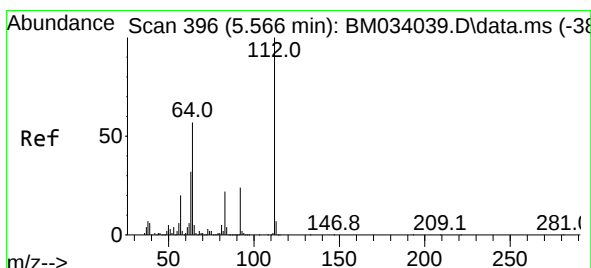
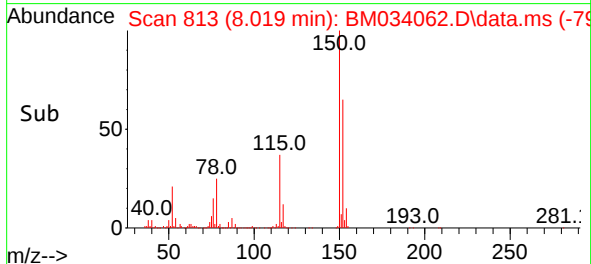
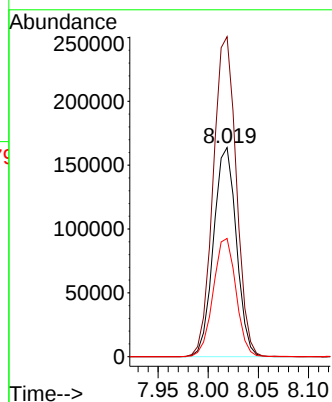
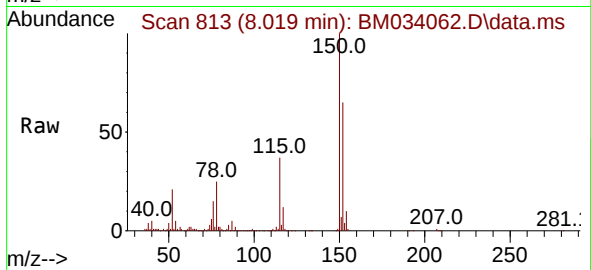




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.019 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM034062.D
Acq: 23 Feb 2022 20:55

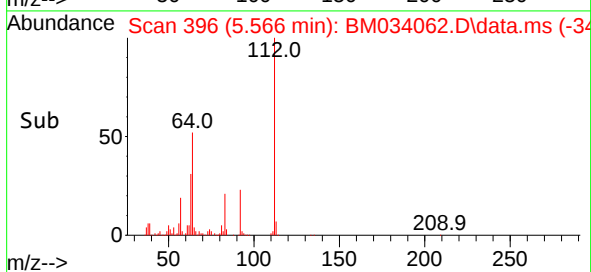
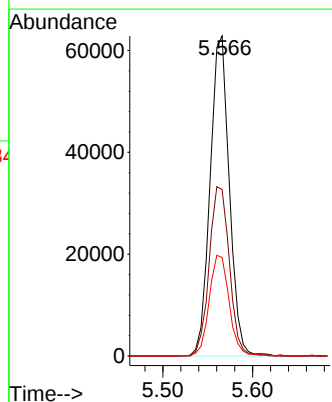
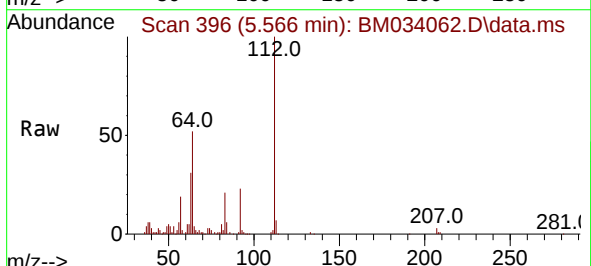
Instrument :
BNA_M
ClientSampleId :
20071

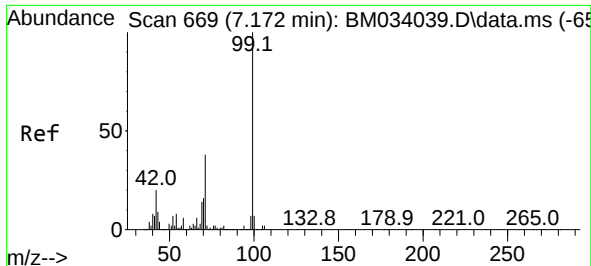
Tgt Ion:152 Resp: 259745
Ion Ratio Lower Upper
152 100
150 153.0 128.9 193.3
115 56.6 53.0 79.6



#5
2-Fluorophenol
Concen: 6.410 ng
RT: 5.566 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM034062.D
Acq: 23 Feb 2022 20:55

Tgt Ion:112 Resp: 93403
Ion Ratio Lower Upper
112 100
64 52.0 55.5 83.3#
63 30.8 31.3 46.9#

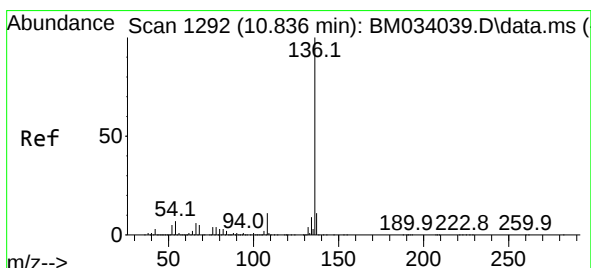
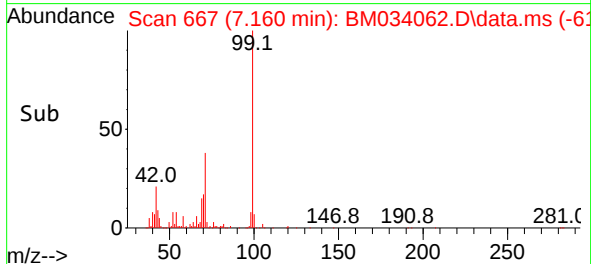
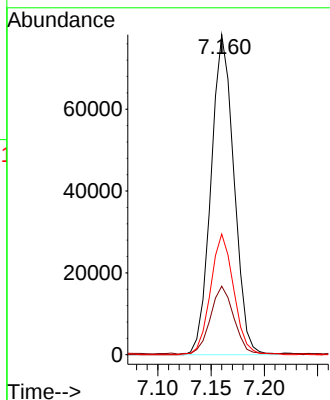
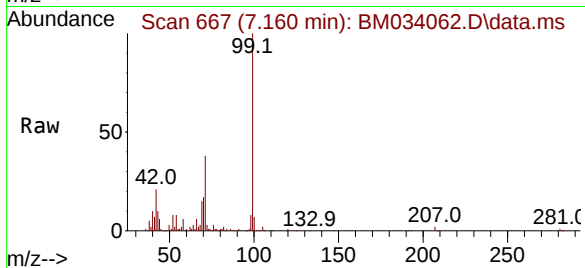




#7
Phenol-d6
Concen: 6.143 ng
RT: 7.160 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM034062.D
Acq: 23 Feb 2022 20:55

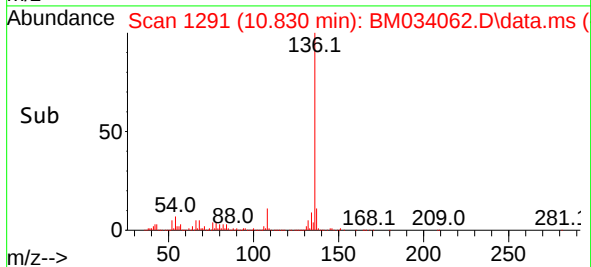
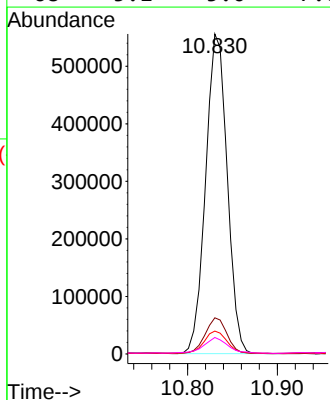
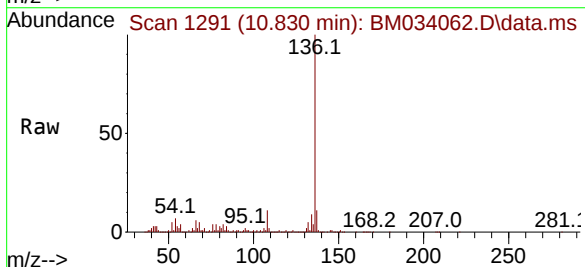
Instrument :
BNA_M
ClientSampleId :
20071

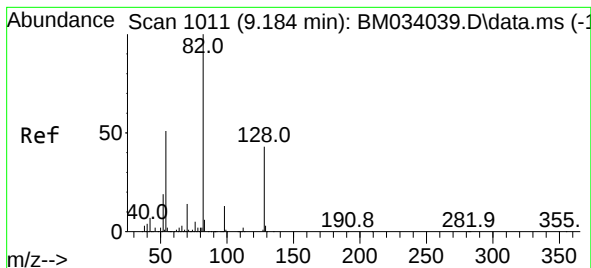
Tgt Ion: 99 Resp: 117538
Ion Ratio Lower Upper
99 100
42 21.4 20.3 30.5
71 37.7 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.830 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM034062.D
Acq: 23 Feb 2022 20:55

Tgt Ion: 136 Resp: 927541
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.2 8.3 12.5#
68 5.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 4.601 ng

RT: 9.172 min Scan# 1009

Delta R.T. -0.012 min

Lab File: BM034062.D

Acq: 23 Feb 2022 20:55

Instrument :

BNA_M

ClientSampleId :

20071

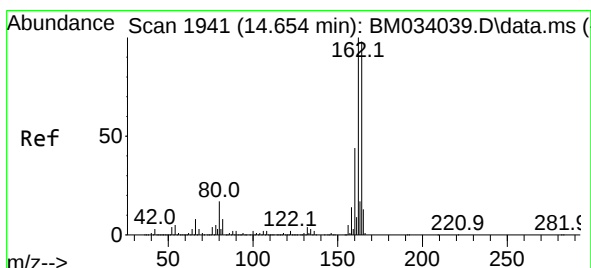
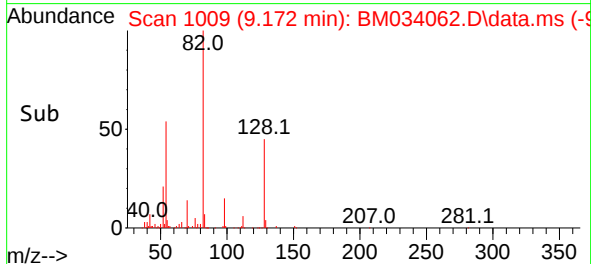
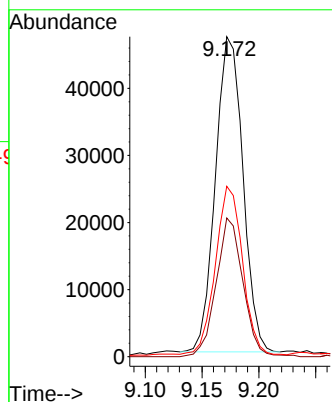
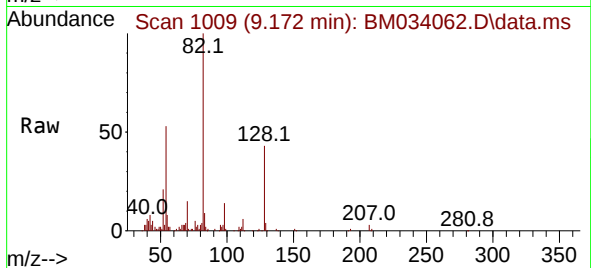
Tgt Ion: 82 Resp: 79073

Ion Ratio Lower Upper

82 100

128 43.4 28.1 42.1#

54 53.3 46.1 69.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.654 min Scan# 1941

Delta R.T. -0.000 min

Lab File: BM034062.D

Acq: 23 Feb 2022 20:55

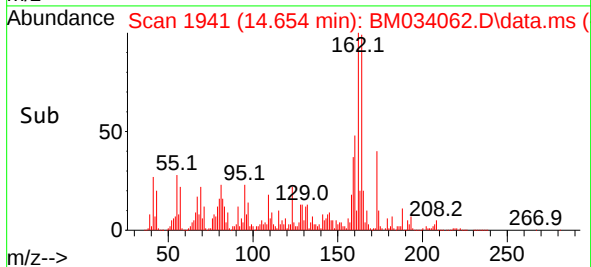
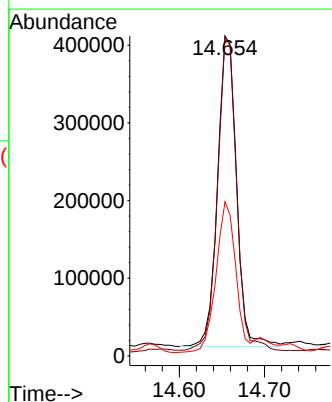
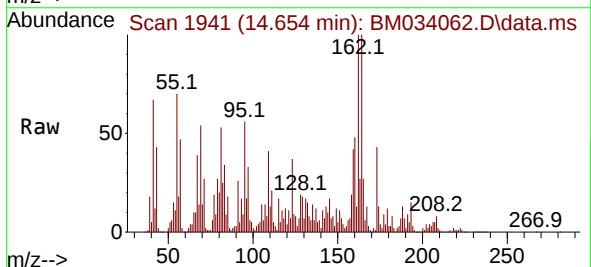
Tgt Ion:164 Resp: 619928

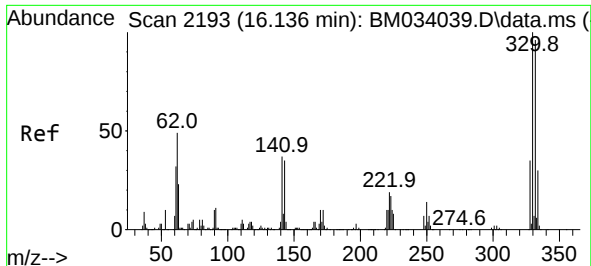
Ion Ratio Lower Upper

164 100

162 99.7 79.7 119.5

160 48.2 34.2 51.4

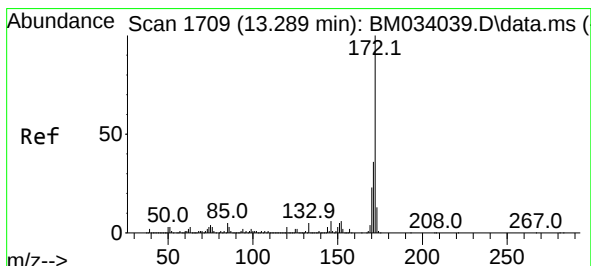
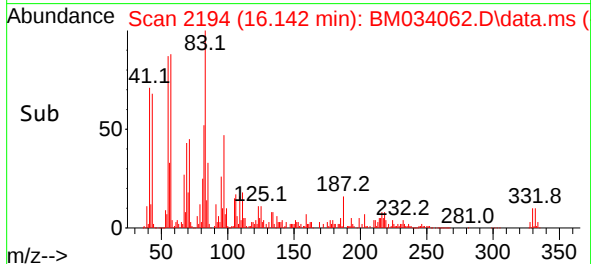
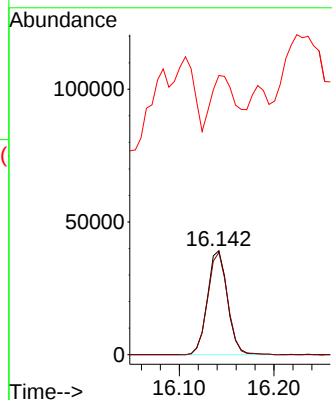
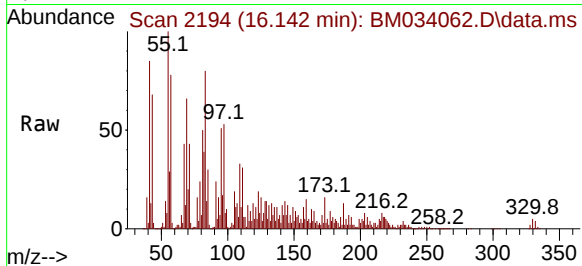




#42
2,4,6-Tribromophenol
Concen: 7.621 ng
RT: 16.142 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BM034062.D
Acq: 23 Feb 2022 20:55

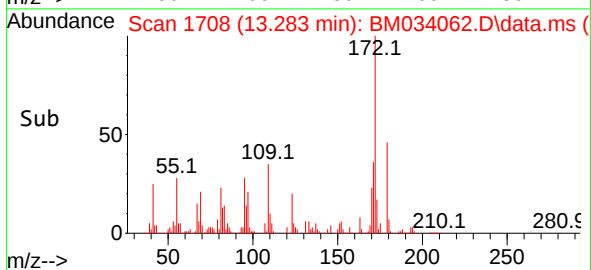
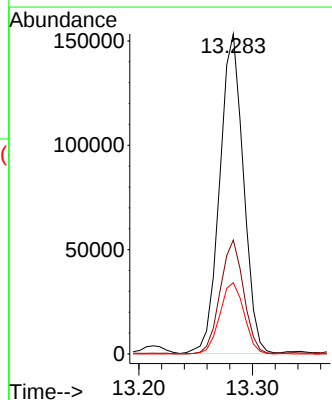
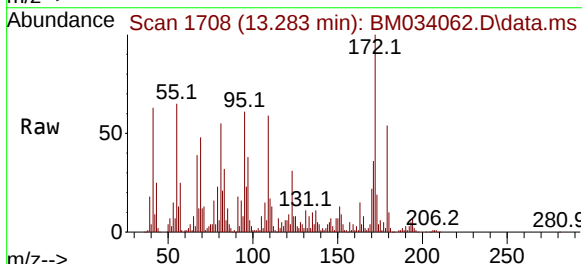
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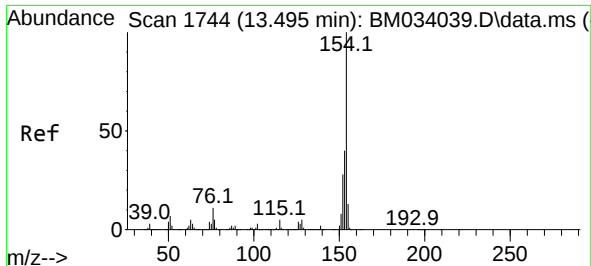
Tgt Ion:330 Resp: 57341
Ion Ratio Lower Upper
330 100
332 98.0 76.5 114.7
141 66.7 35.9 53.9#



#45
2-Fluorobiphenyl
Concen: 4.783 ng
RT: 13.283 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM034062.D
Acq: 23 Feb 2022 20:55

Tgt Ion:172 Resp: 222534
Ion Ratio Lower Upper
172 100
171 35.6 27.2 40.8
170 22.2 18.7 28.1

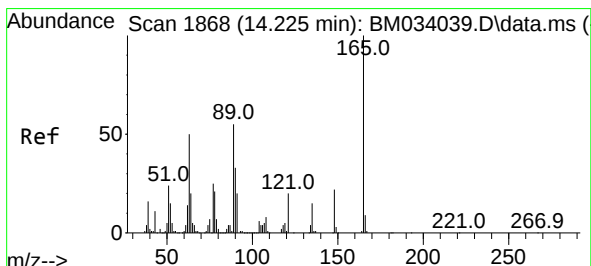
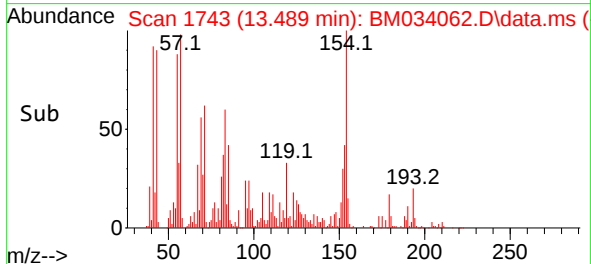
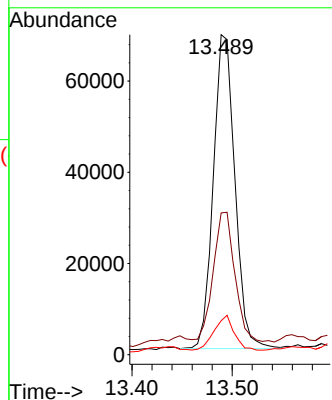
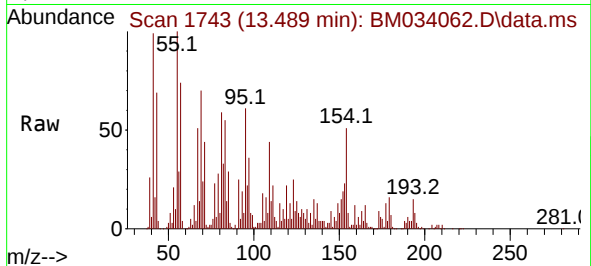




#46
1,1'-Biphenyl
Concen: 2.176 ng
RT: 13.489 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM034062.D
Acq: 23 Feb 2022 20:55

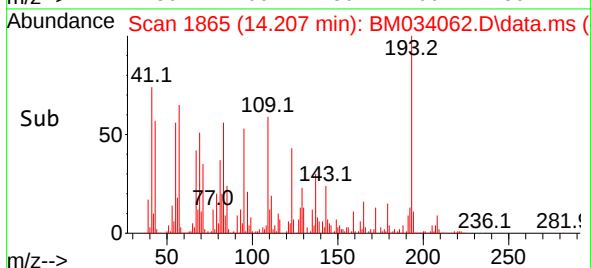
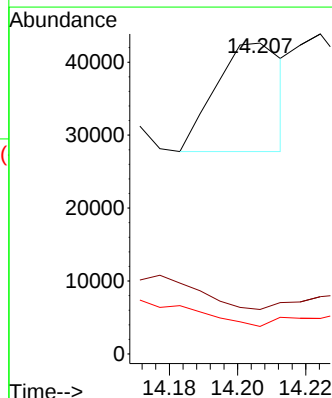
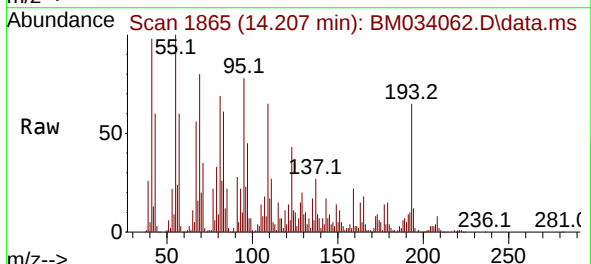
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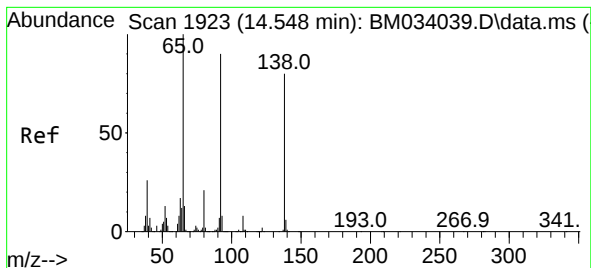
Tgt Ion:154 Resp: 103055
Ion Ratio Lower Upper
154 100
153 44.3 20.7 60.7
76 10.6 0.0 34.4



#51
2,6-Dinitrotoluene
Concen: 2.224 ng
RT: 14.207 min Scan# 1865
Delta R.T. -0.018 min
Lab File: BM034062.D
Acq: 23 Feb 2022 20:55

Tgt Ion:165 Resp: 20222
Ion Ratio Lower Upper
165 100
63 14.3 56.9 85.3#
89 8.8 54.3 81.5#

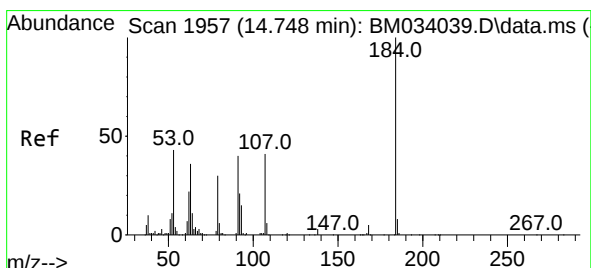
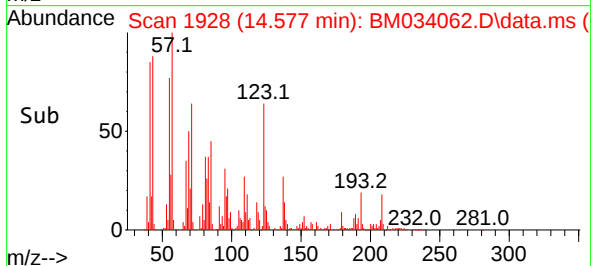
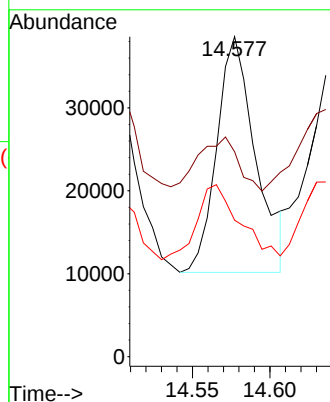
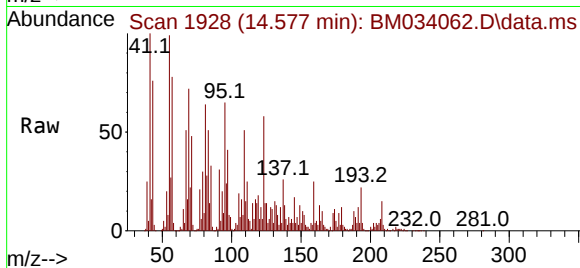




#53
3-Nitroaniline
Concen: 5.434 ng
RT: 14.577 min Scan# 1928
Delta R.T. 0.029 min
Lab File: BM034062.D
Acq: 23 Feb 2022 20:55

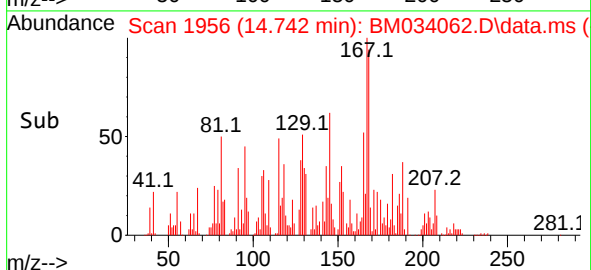
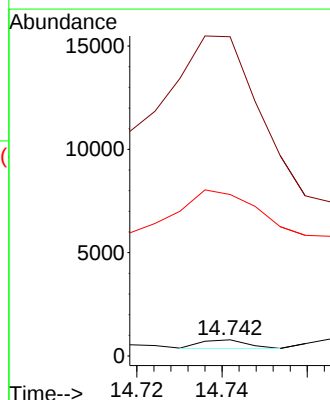
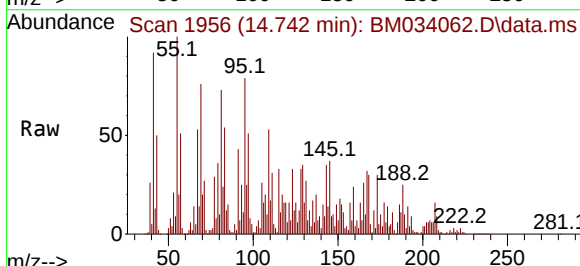
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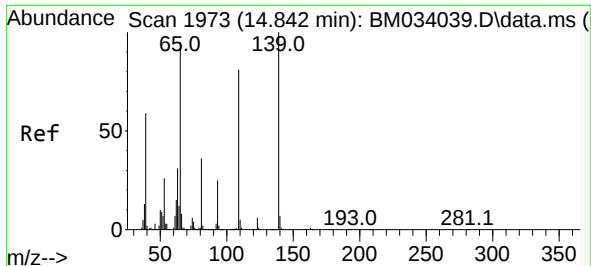
Tgt Ion:138 Resp: 49434
Ion Ratio Lower Upper
138 100
108 64.0 9.5 14.3#
92 42.7 106.6 159.8#



#54
2,4-Dinitrophenol
Concen: 4.411 ng
RT: 14.742 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BM034062.D
Acq: 23 Feb 2022 20:55

Tgt Ion:184 Resp: 315
Ion Ratio Lower Upper
184 100
63 1973.4 71.8 107.6#
154 997.7 55.7 83.5#

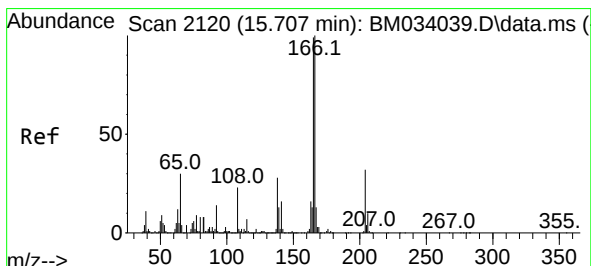
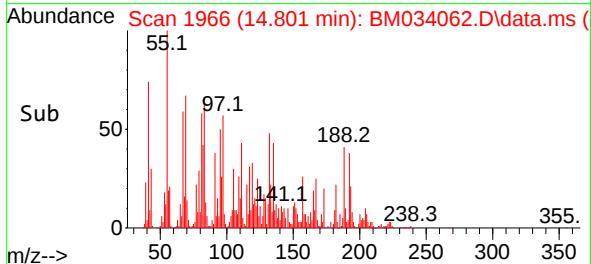
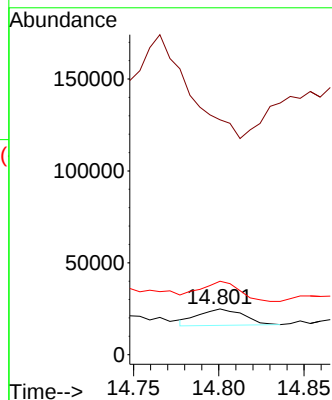
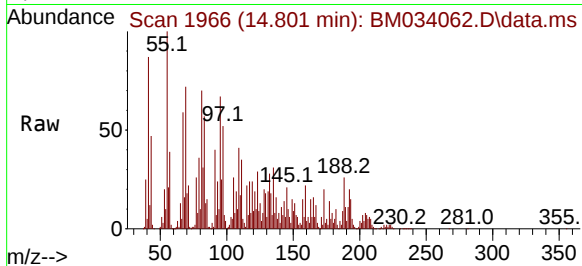




#56
4-Nitrophenol
Concen: 2.249 ng
RT: 14.801 min Scan# 1973
Delta R.T. -0.041 min
Lab File: BM034062.D
Acq: 23 Feb 2022 20:55

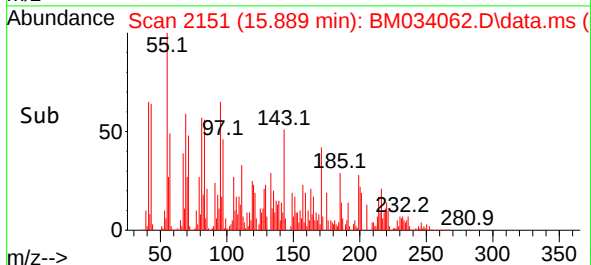
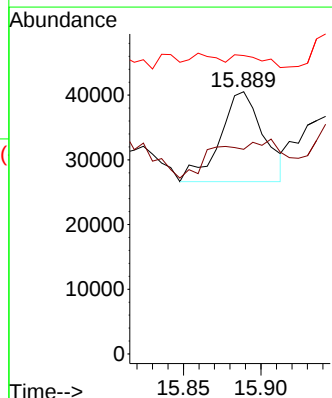
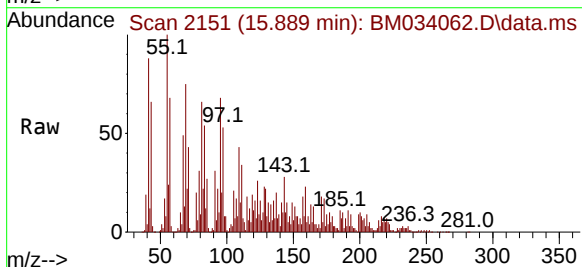
Instrument :
BNA_M
ClientSampleId :
20071

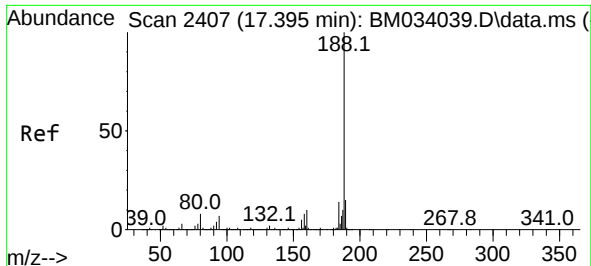
Tgt Ion:139 Resp: 16539
Ion Ratio Lower Upper
139 100
109 512.5 75.3 115.3#
65 160.2 107.4 147.4#



#62
4-Nitroaniline
Concen: 2.863 ng
RT: 15.889 min Scan# 2151
Delta R.T. 0.182 min
Lab File: BM034062.D
Acq: 23 Feb 2022 20:55

Tgt Ion:138 Resp: 27030
Ion Ratio Lower Upper
138 100
92 78.1 38.7 78.7
108 113.8 81.9 121.9

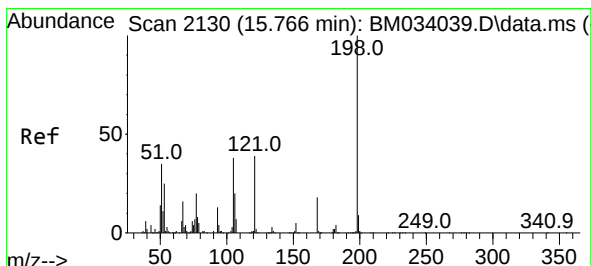
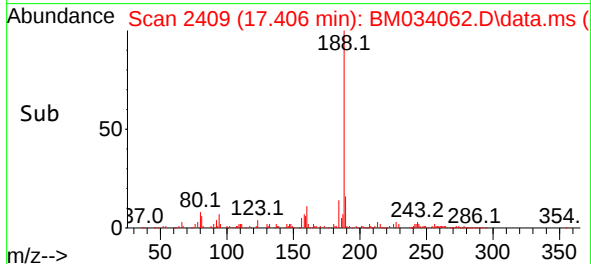
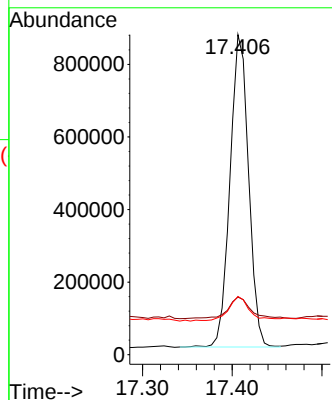
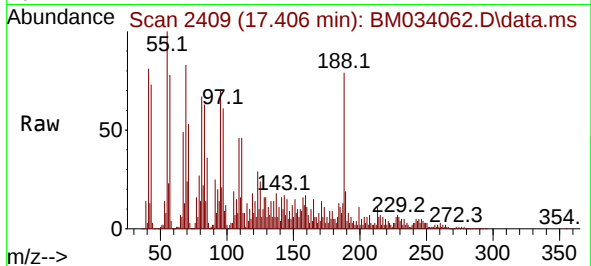




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.406 min Scan# 2407
Delta R.T. 0.011 min
Lab File: BM034062.D
Acq: 23 Feb 2022 20:55

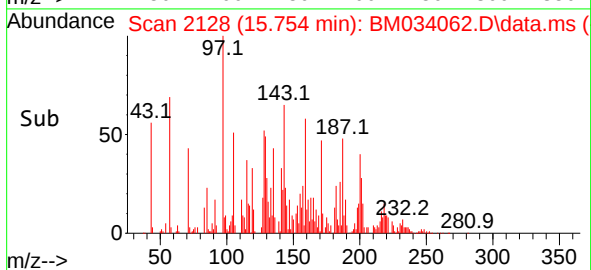
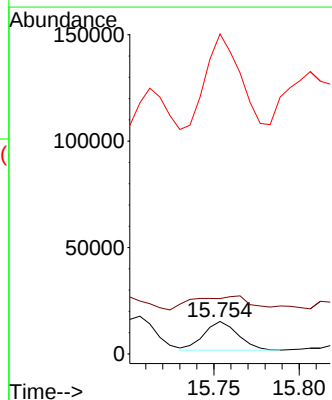
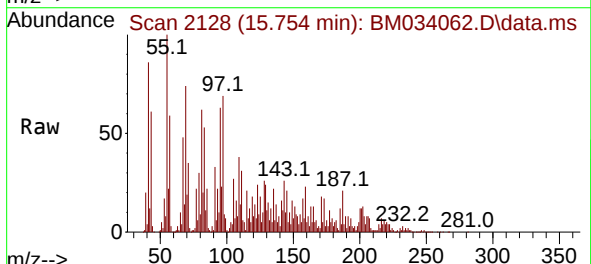
Instrument :
BNA_M
ClientSampleId :
20071

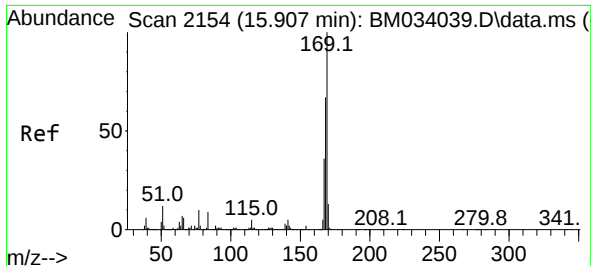
Tgt Ion:188 Resp: 1236888
Ion Ratio Lower Upper
188 100
94 18.0 7.5 11.3#
80 18.2 8.9 13.3#



#65
4,6-Dinitro-2-methylphenol
Concen: 2.583 ng
RT: 15.754 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BM034062.D
Acq: 23 Feb 2022 20:55

Tgt Ion:198 Resp: 18723
Ion Ratio Lower Upper
198 100
51 170.8 47.9 87.9#
105 986.4 32.6 72.6#

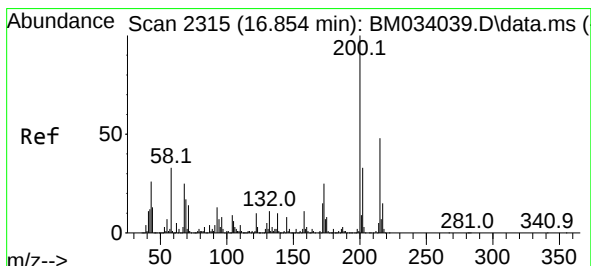
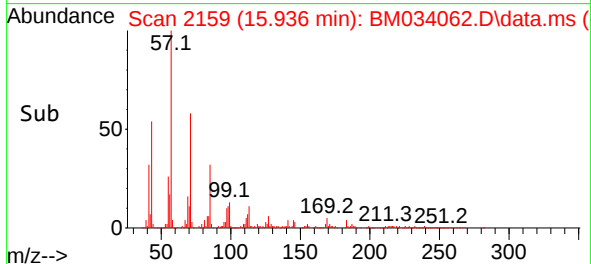
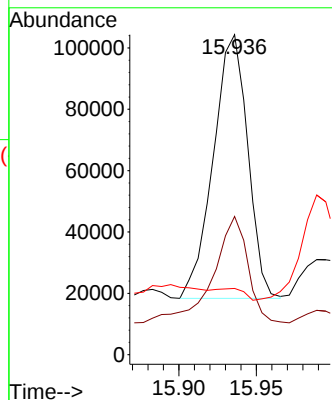
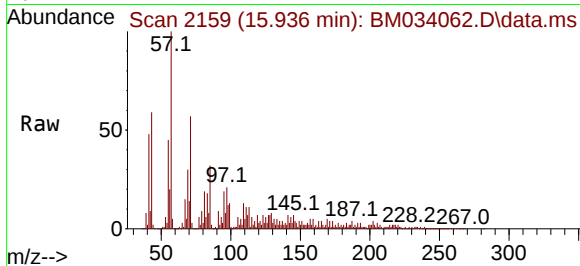




#66
n-Nitrosodiphenylamine
Concen: 3.433 ng
RT: 15.936 min Scan# 2159
Delta R.T. 0.029 min
Lab File: BM034062.D
Acq: 23 Feb 2022 20:55

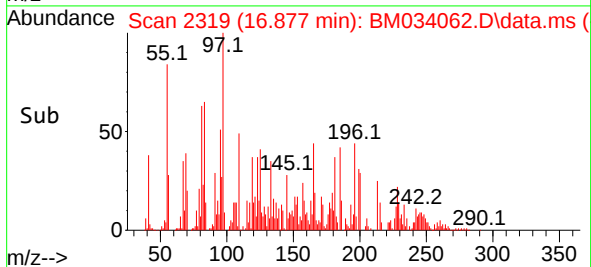
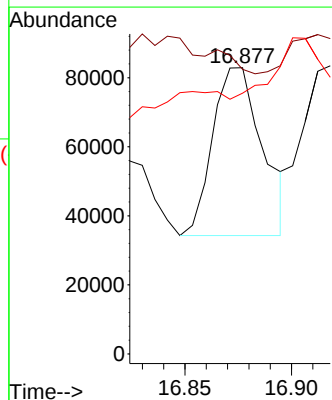
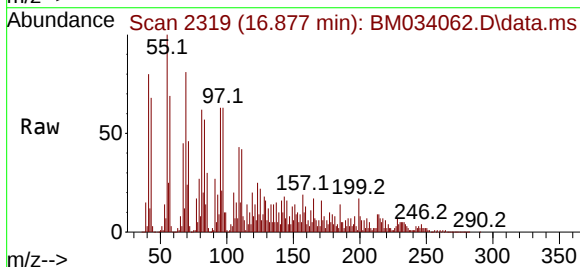
Instrument :
BNA_M
ClientSampleId :
20071

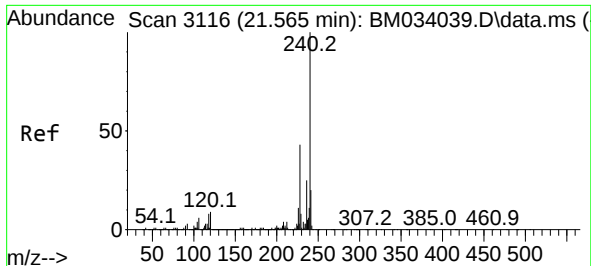
Tgt Ion:169 Resp: 132928
Ion Ratio Lower Upper
169 100
168 43.2 52.5 78.7#
167 20.7 28.4 42.6#



#69
Atrazine
Concen: 6.181 ng
RT: 16.877 min Scan# 2319
Delta R.T. 0.023 min
Lab File: BM034062.D
Acq: 23 Feb 2022 20:55

Tgt Ion:200 Resp: 79177
Ion Ratio Lower Upper
200 100
173 99.5 7.3 47.3#
215 91.1 25.7 65.7#

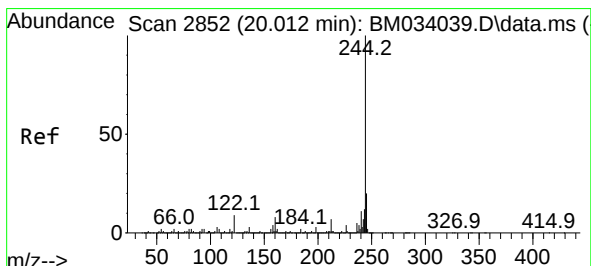
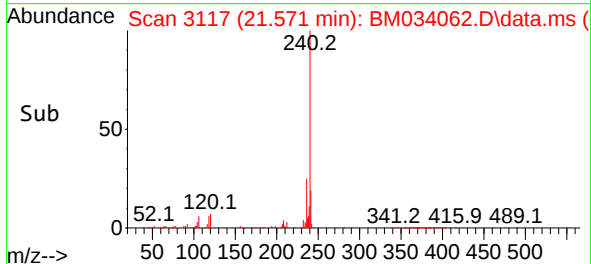
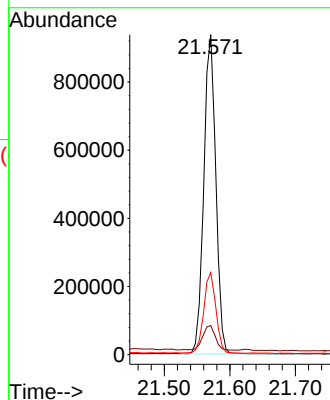
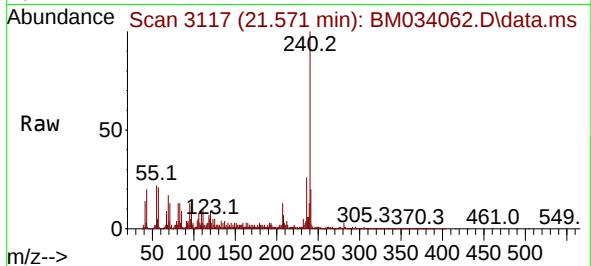




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3116
Delta R.T. 0.006 min
Lab File: BM034062.D
Acq: 23 Feb 2022 20:55

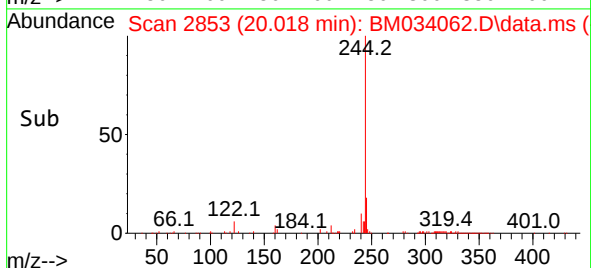
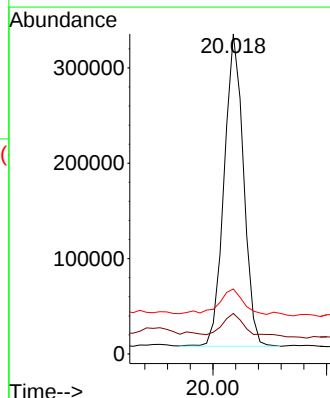
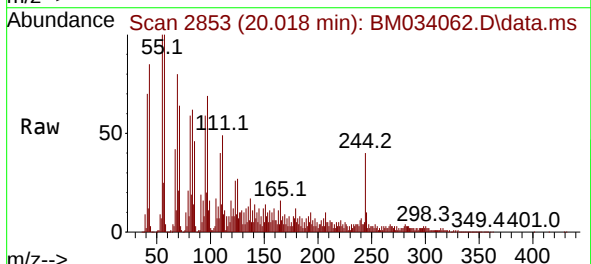
Instrument :
BNA_M
ClientSampleId :
20071

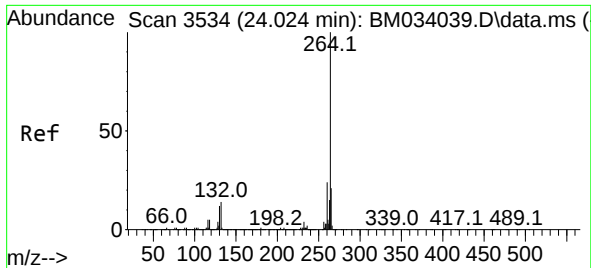
Tgt Ion:240 Resp: 1196292
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 25.7 20.3 30.5



#79
Terphenyl-d14
Concen: 5.653 ng
RT: 20.018 min Scan# 2853
Delta R.T. 0.006 min
Lab File: BM034062.D
Acq: 23 Feb 2022 20:55

Tgt Ion:244 Resp: 388351
Ion Ratio Lower Upper
244 100
212 12.7 5.9 8.9#
122 20.3 8.4 12.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.024 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM034062.D

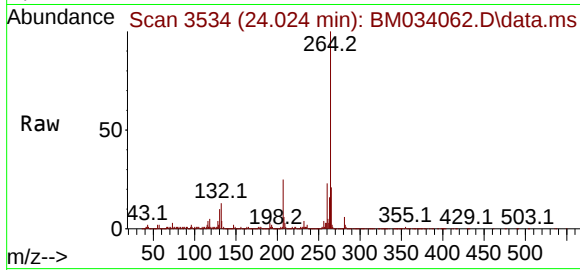
Acq: 23 Feb 2022 20:55

Instrument :

BNA_M

ClientSampleId :

20071



Tgt Ion:264 Resp: 1253846

Ion Ratio Lower Upper

264 100

260 23.4 17.7 26.5

265 21.5 17.7 26.5

