

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
 Data File : BG053691.D
 Acq On : 24 May 2022 20:43
 Operator : CG/JU
 Sample : N2943-18DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-23DL

Quant Time: May 25 02:38:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 05:05:32 2022
 Response via : Initial Calibration

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

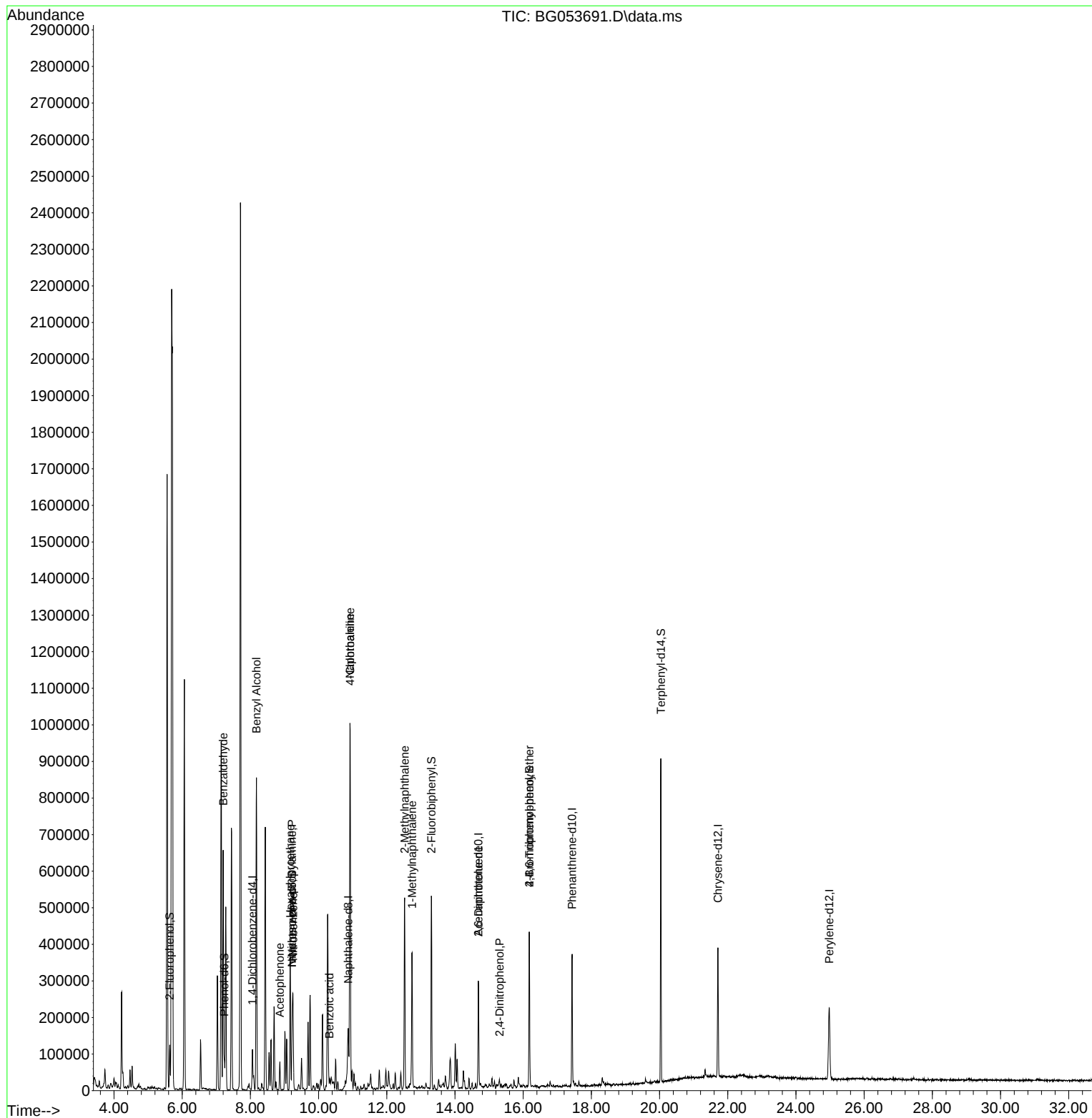
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	30240	20.000	ng	0.00
21) Naphthalene-d8	10.867	136	131665	20.000	ng	0.00
39) Acenaphthene-d10	14.685	164	100778	20.000	ng	0.00
64) Phenanthrene-d10	17.434	188	225036	20.000	ng	0.00
76) Chrysene-d12	21.711	240	222457	20.000	ng	0.00
86) Perylene-d12	24.977	264	221139	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.632	112	51605	28.962	ng	0.00
7) Phenol-d6	7.236	99	49177	18.185	ng	0.00
23) Nitrobenzene-d5	9.222	82	118558	38.331	ng	0.00
42) 2,4,6-Tribromophenol	16.177	330	87303	58.736	ng	0.00
45) 2-Fluorobiphenyl	13.310	172	287852	41.739	ng	0.00
79) Terphenyl-d14	20.036	244	448712	37.567	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.201	77	54243	31.574	ng	# 1
15) Benzyl Alcohol	8.176	79	50835	22.485	ng	# 12
18) Hexachloroethane	9.169	117	52396	62.221	ng	# 1
19) n-Nitroso-di-n-propyla...	9.222	70	16693	8.604	ng	# 77
22) Acetophenone	8.863	105	53481	14.841	ng	# 54
24) Nitrobenzene	9.251	77	9989	3.337	ng	# 7
31) Naphthalene	10.919	128	789642	117.902	ng	99
32) Benzoic acid	10.314	122	66	8.533	ng	# 1
33) 4-Chloroaniline	10.925	127	109571	39.065	ng	# 32
37) 2-Methylnaphthalene	12.523	142	245540	49.126	ng	99
38) 1-Methylnaphthalene	12.740	142	167122	34.271	ng	99
51) 2,6-Dinitrotoluene	14.685	165	13775	8.829	ng	# 21
54) 2,4-Dinitrophenol	15.308	184	61	6.301	ng	# 1
67) 4-Bromophenyl-phenylether	16.177	248	5542	2.109	ng	# 1

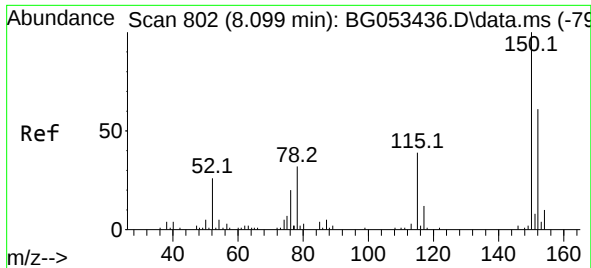
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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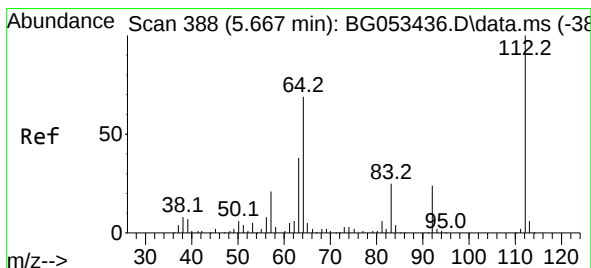
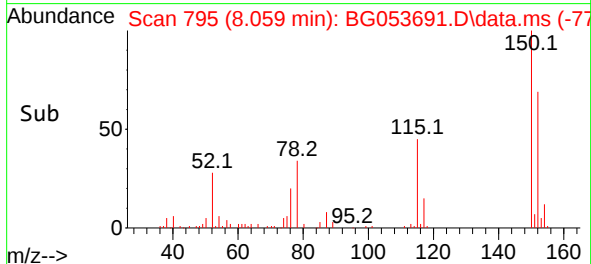
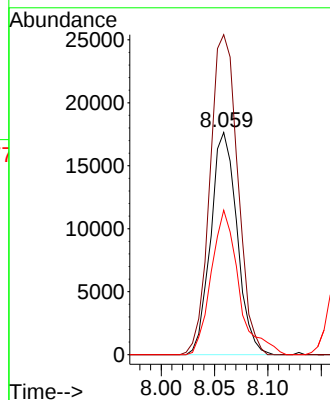
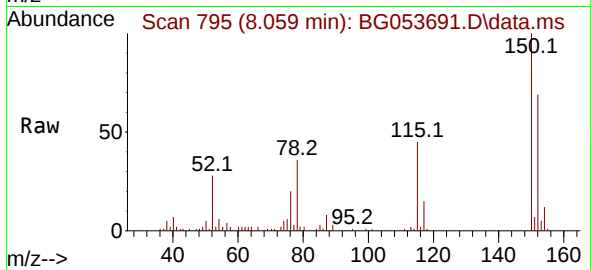




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.059 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

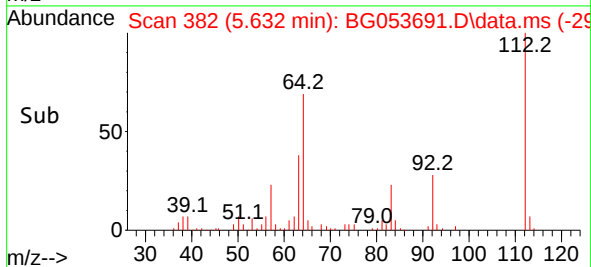
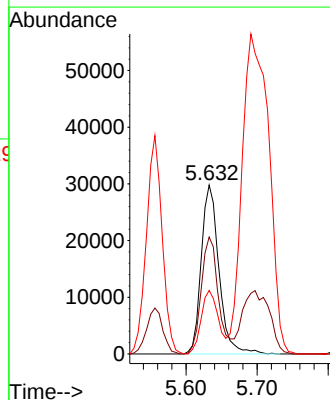
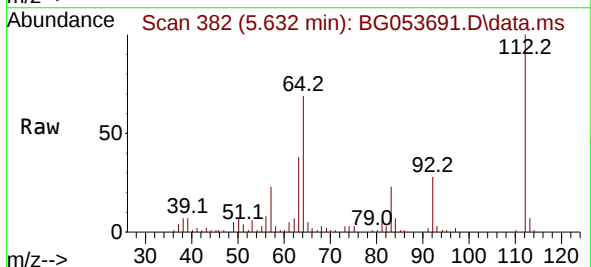
Instrument :
BNA_G
ClientSampleId :
MW-23DL

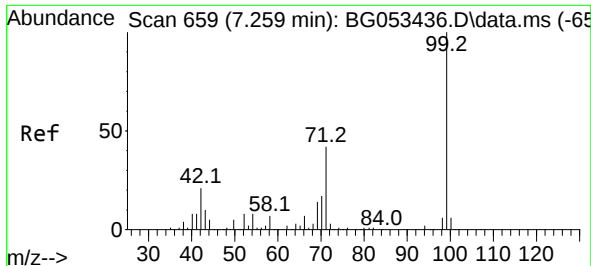
Tgt Ion:152 Resp: 30240
Ion Ratio Lower Upper
152 100
150 144.0 131.6 197.4
115 65.0 50.9 76.3



#5
2-Fluorophenol
Concen: 28.962 ng
RT: 5.632 min Scan# 382
Delta R.T. 0.007 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

Tgt Ion:112 Resp: 51605
Ion Ratio Lower Upper
112 100
64 69.2 55.1 82.7
63 37.6 30.4 45.6

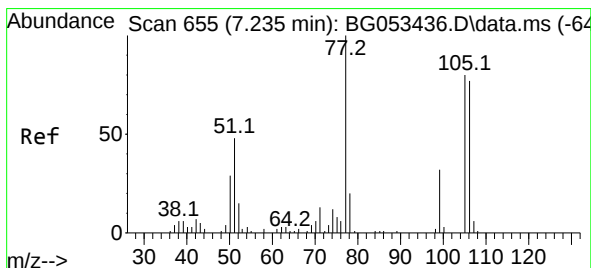
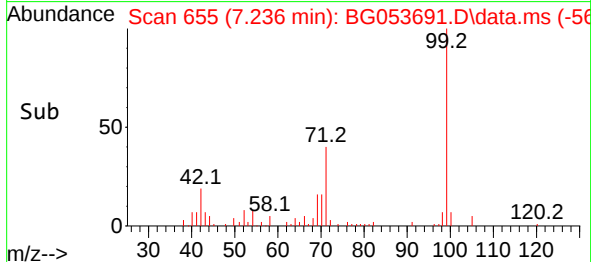
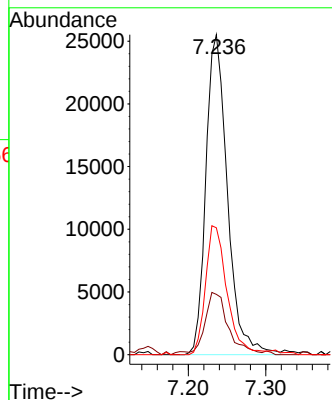
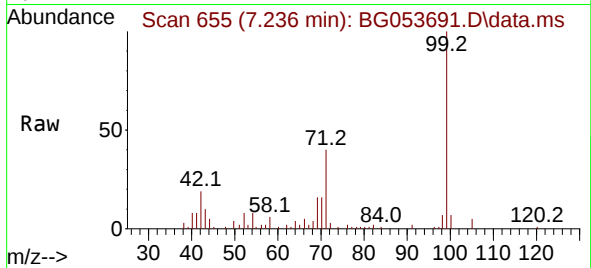




#7
Phenol-d6
Concen: 18.185 ng
RT: 7.236 min Scan# 61
Delta R.T. 0.007 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

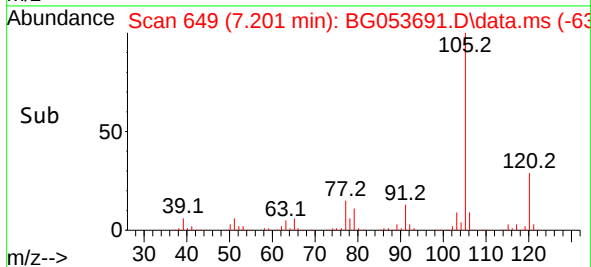
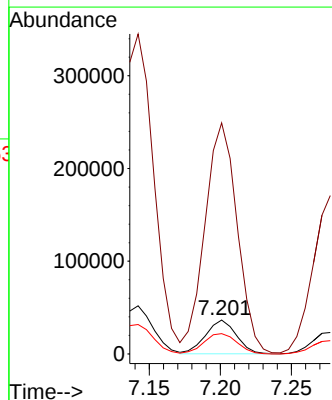
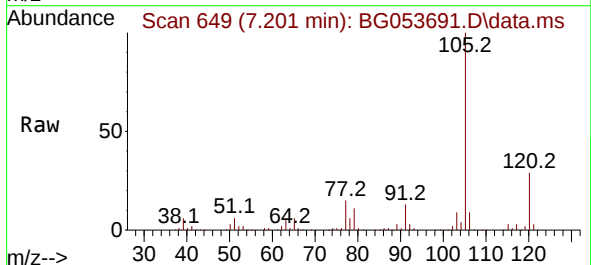
Instrument :
BNA_G
ClientSampleId :
MW-23DL

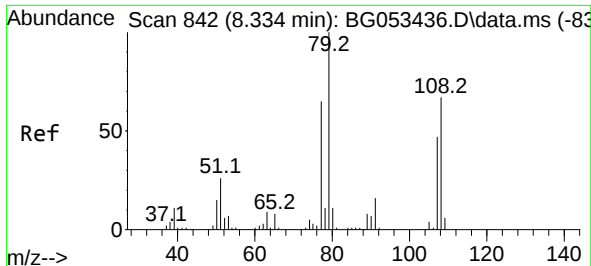
Tgt Ion: 99 Resp: 49177
Ion Ratio Lower Upper
99 100
42 18.9 17.0 25.6
71 39.7 33.8 50.8



#9
Benzaldehyde
Concen: 31.574 ng
RT: 7.201 min Scan# 649
Delta R.T. 0.007 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

Tgt Ion: 77 Resp: 54243
Ion Ratio Lower Upper
77 100
105 681.8 59.6 99.6#
106 59.8 56.8 96.8

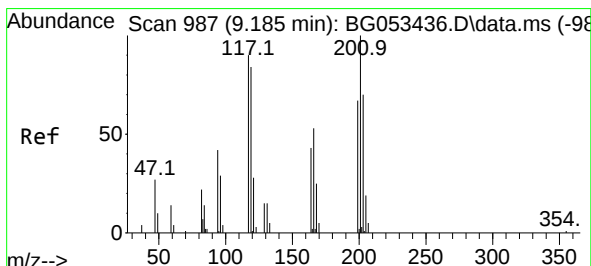
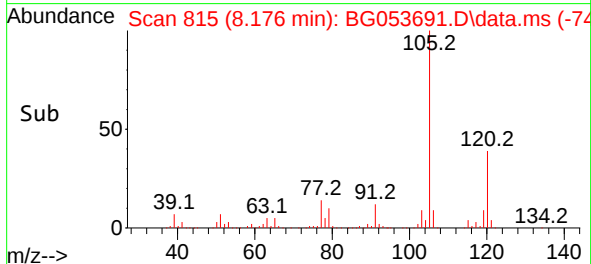
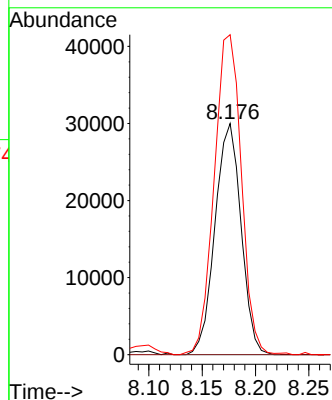
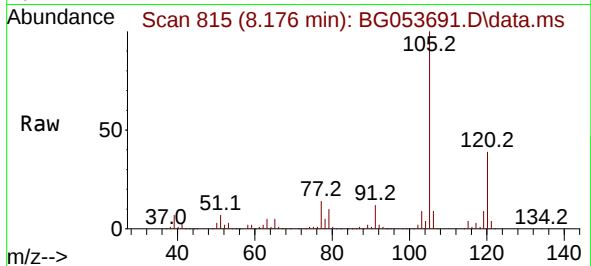




#15
Benzyl Alcohol
Concen: 22.485 ng
RT: 8.176 min Scan# 815
Delta R.T. -0.122 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

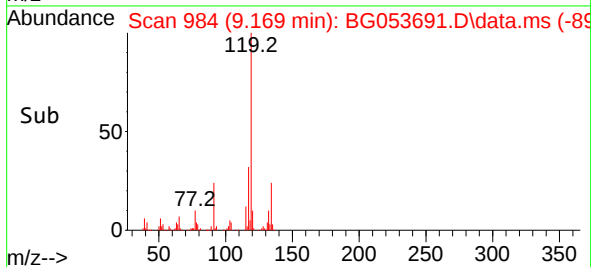
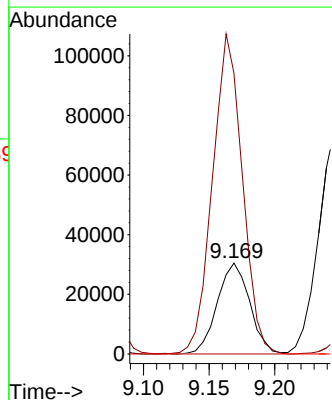
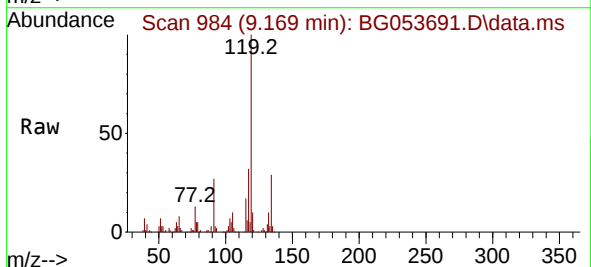
Instrument :
BNA_G
ClientSampleId :
MW-23DL

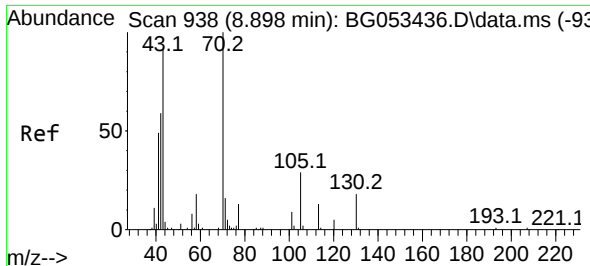
Tgt Ion: 79 Resp: 50835
Ion Ratio Lower Upper
79 100
108 0.0 53.7 80.5#
77 138.4 52.2 78.4#



#18
Hexachloroethane
Concen: 62.221 ng
RT: 9.169 min Scan# 984
Delta R.T. 0.024 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

Tgt Ion: 117 Resp: 52396
Ion Ratio Lower Upper
117 100
119 308.6 75.0 112.6#
201 0.0 89.0 133.6#

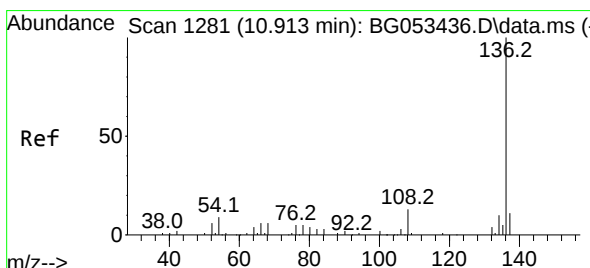
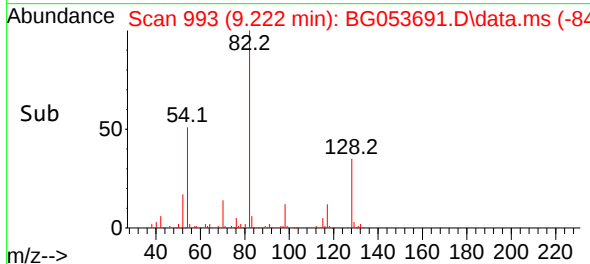
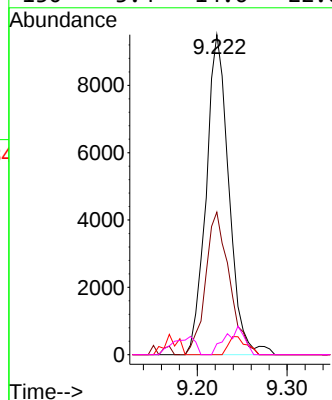
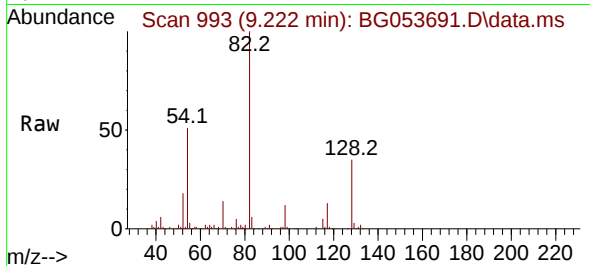




#19
n-Nitroso-di-n-propylamine
Concen: 8.604 ng
RT: 9.222 min Scan# 91
Delta R.T. 0.359 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

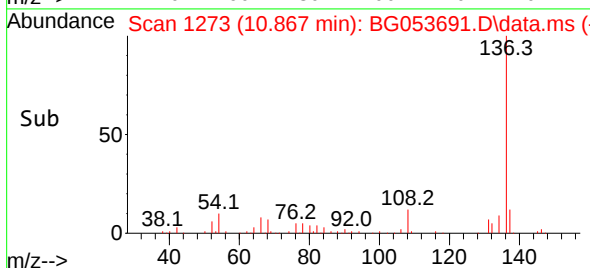
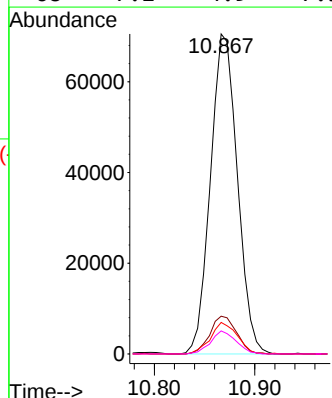
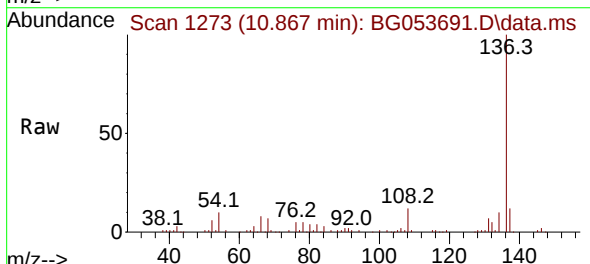
Instrument :
BNA_G
ClientSampleId :
MW-23DL

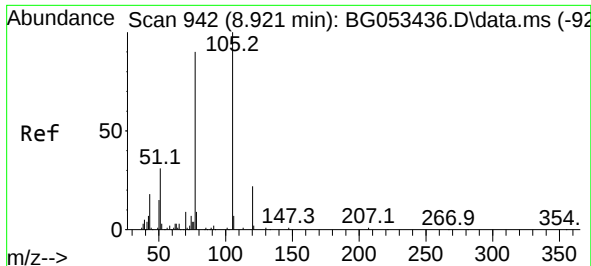
Tgt Ion: 70 Resp: 16693
Ion Ratio Lower Upper
70 100
42 44.6 47.3 70.9#
101 0.0 7.0 10.4#
130 3.4 14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.867 min Scan# 1273
Delta R.T. -0.005 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

Tgt Ion: 136 Resp: 131665
Ion Ratio Lower Upper
136 100
137 11.8 8.5 12.7
54 9.9 7.4 11.2
68 7.2 4.9 7.3

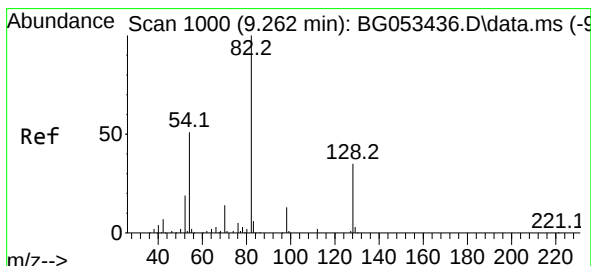
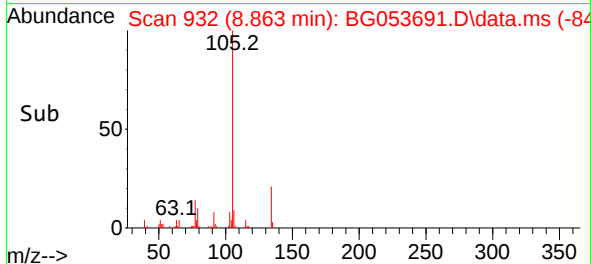
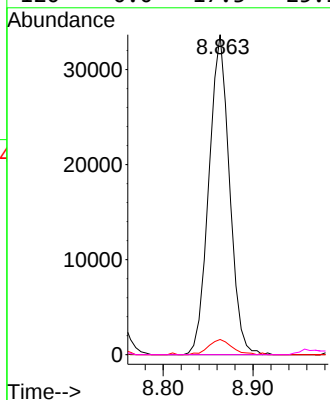
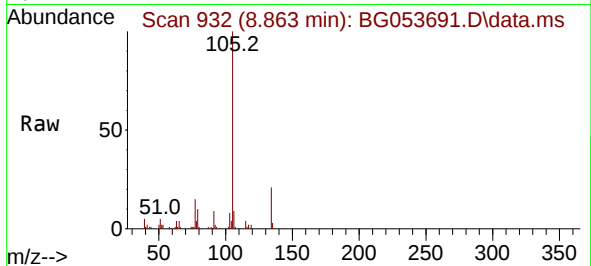




#22
Acetophenone
Concen: 14.841 ng
RT: 8.863 min Scan# 911
Delta R.T. -0.017 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

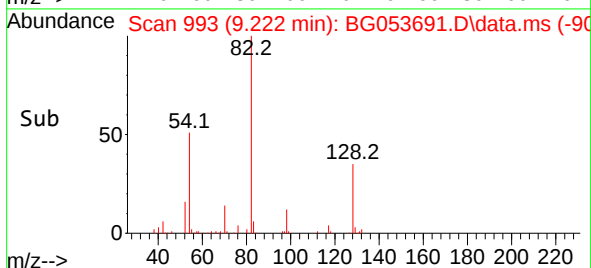
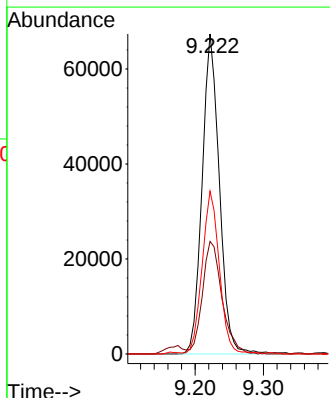
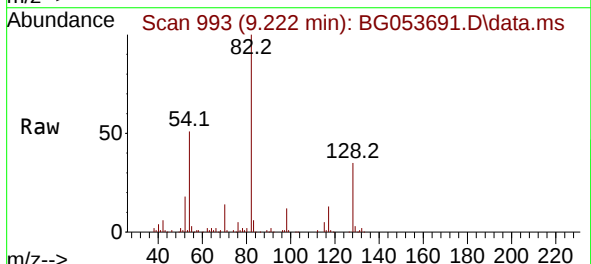
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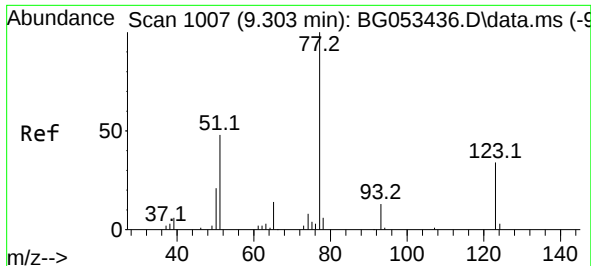
Tgt Ion:105 Resp: 53481
Ion Ratio Lower Upper
105 100
71 0.0 1.1 1.7#
51 4.7 25.4 38.0#
120 0.0 17.3 25.9#



#23
Nitrobenzene-d5
Concen: 38.331 ng
RT: 9.222 min Scan# 993
Delta R.T. -0.005 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

Tgt Ion: 82 Resp: 118558
Ion Ratio Lower Upper
82 100
128 35.2 27.9 41.9
54 50.9 41.2 61.8

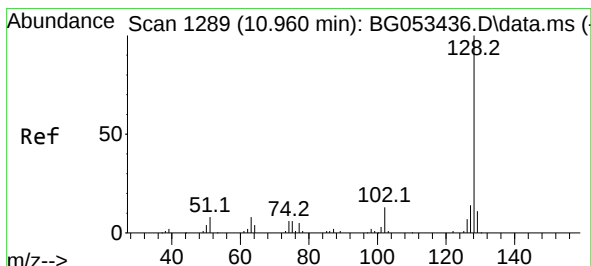
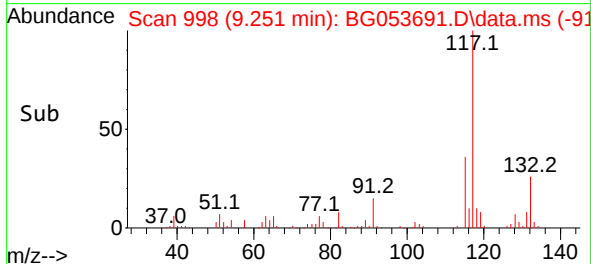
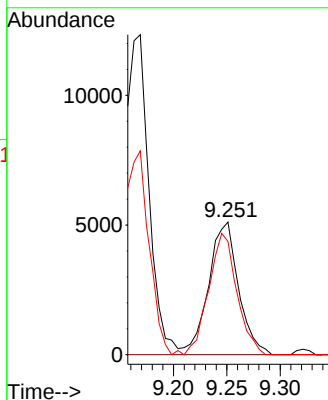
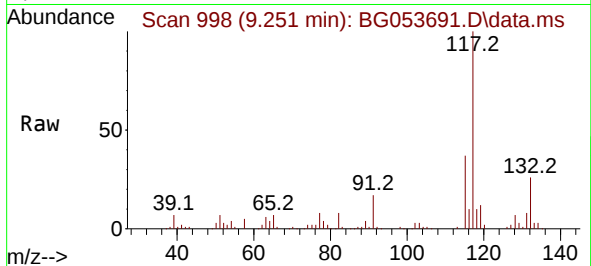




#24
Nitrobenzene
Concen: 3.337 ng
RT: 9.251 min Scan# 91
Delta R.T. -0.017 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

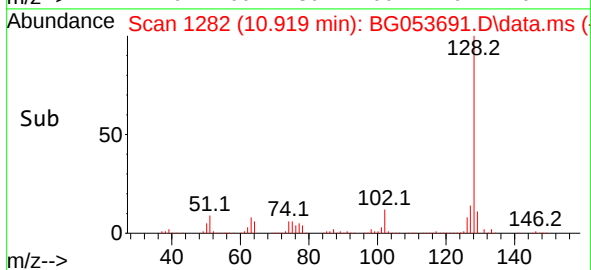
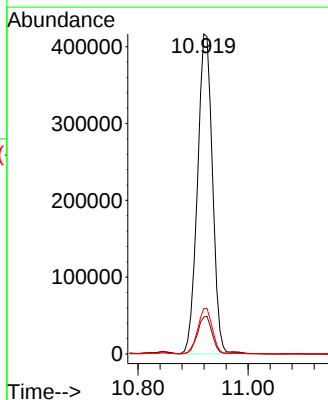
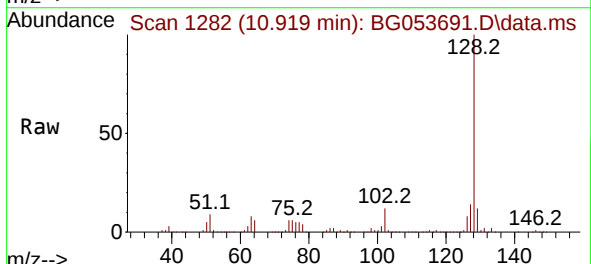
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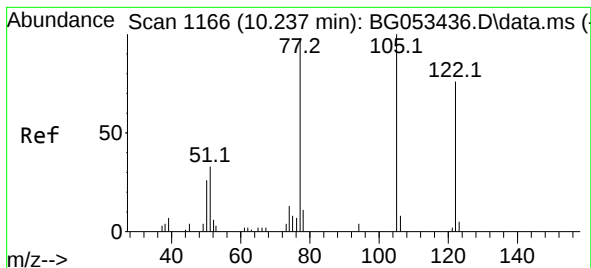
Tgt Ion: 77 Resp: 9989
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 85.5 11.4 17.0#



#31
Naphthalene
Concen: 117.902 ng
RT: 10.919 min Scan# 1282
Delta R.T. -0.005 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

Tgt Ion: 128 Resp: 789642
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 14.2 11.1 16.7





#32

Benzoic acid

Concen: 8.533 ng

RT: 10.314 min Scan# 1166

Delta R.T. 0.089 min

Lab File: BG053691.D

Acq: 24 May 2022 20:43

Instrument :

BNA_G

ClientSampleId :

MW-23DL

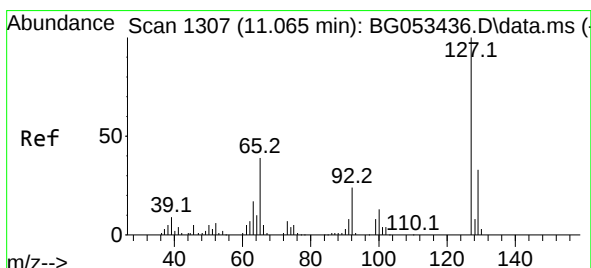
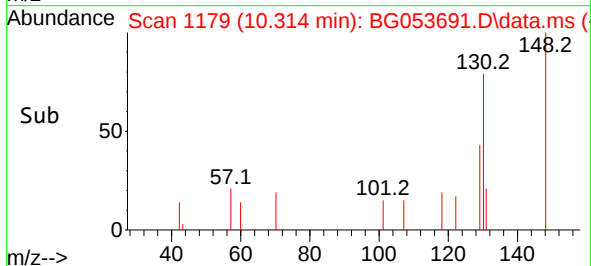
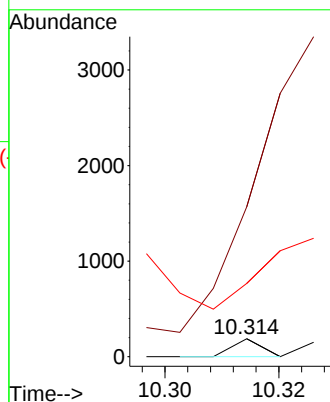
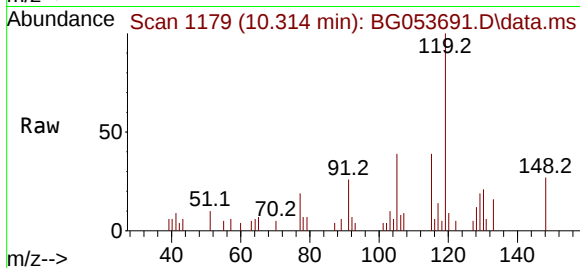
Tgt Ion:122 Resp: 66

Ion Ratio Lower Upper

122 100

105 835.1 111.8 151.8#

77 408.5 109.4 149.4#



#33

4-Chloroaniline

Concen: 39.065 ng

RT: 10.925 min Scan# 1283

Delta R.T. -0.105 min

Lab File: BG053691.D

Acq: 24 May 2022 20:43

Tgt Ion:127 Resp: 109571

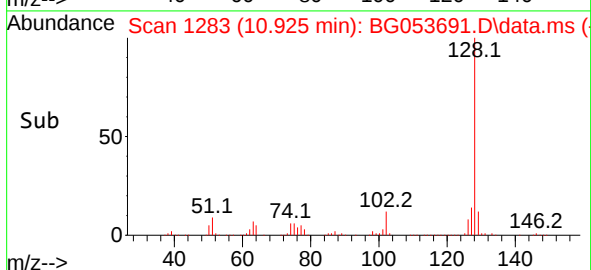
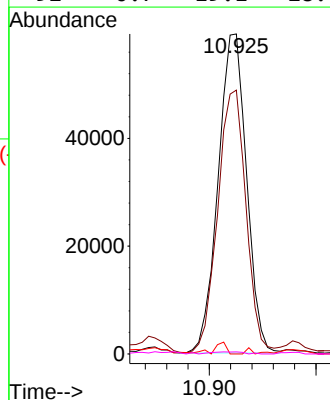
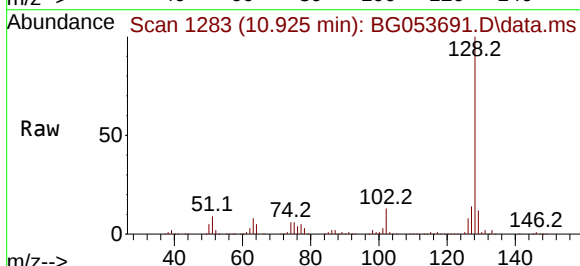
Ion Ratio Lower Upper

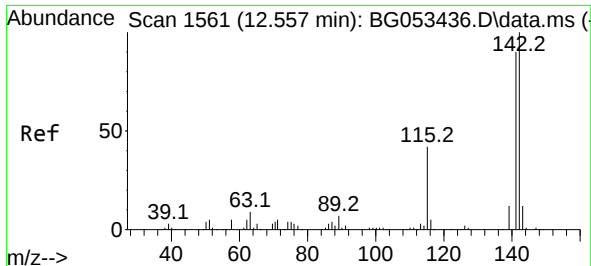
127 100

129 82.5 26.3 39.5#

65 0.0 31.1 46.7#

92 0.7 19.1 28.7#





#37

2-Methylnaphthalene

Concen: 49.126 ng

RT: 12.523 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG053691.D

Acq: 24 May 2022 20:43

Instrument :

BNA_G

ClientSampleId :

MW-23DL

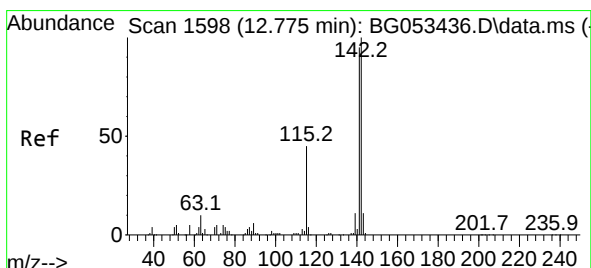
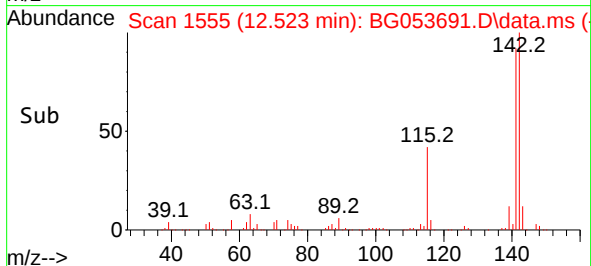
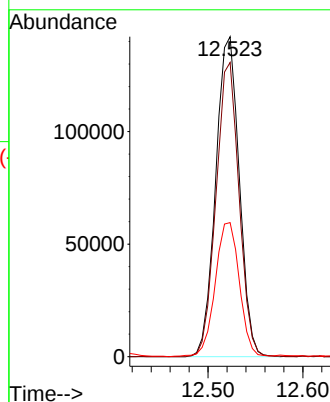
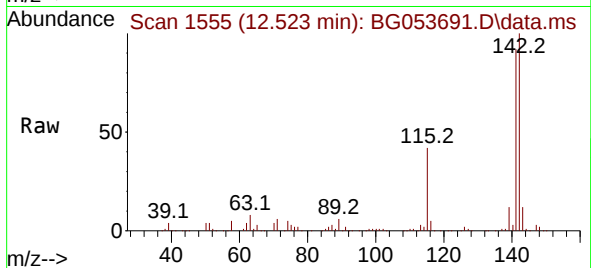
Tgt Ion:142 Resp: 245540

Ion Ratio Lower Upper

142 100

141 92.0 72.3 108.5

115 41.9 33.7 50.5



#38

1-Methylnaphthalene

Concen: 34.271 ng

RT: 12.740 min Scan# 1592

Delta R.T. 0.001 min

Lab File: BG053691.D

Acq: 24 May 2022 20:43

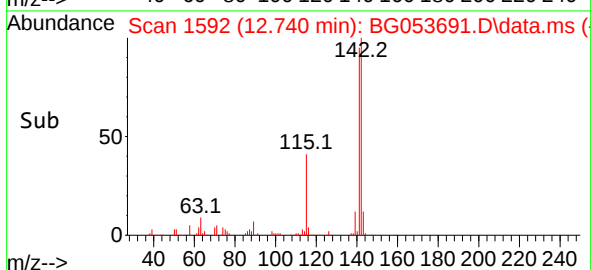
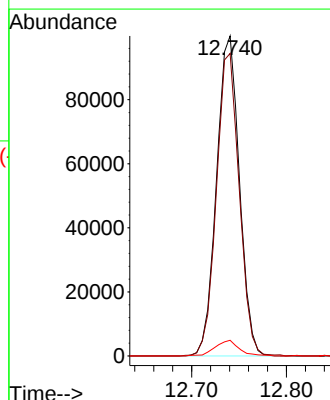
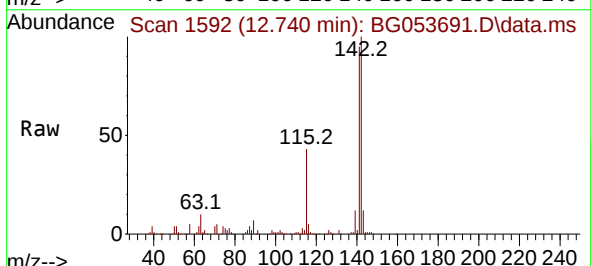
Tgt Ion:142 Resp: 167122

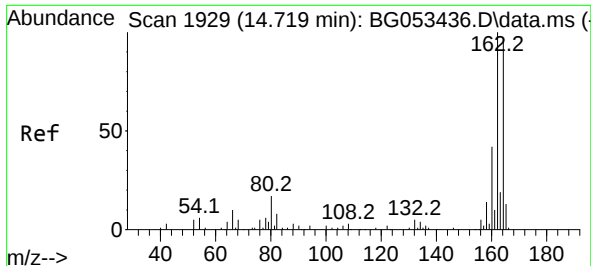
Ion Ratio Lower Upper

142 100

141 94.6 76.4 114.6

116 4.9 3.3 4.9

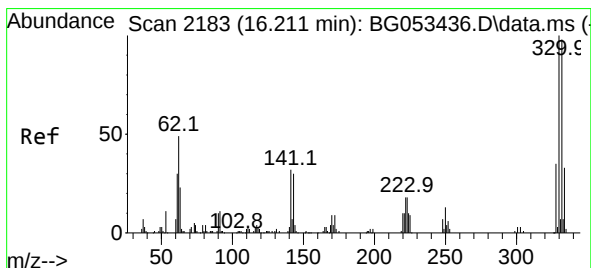
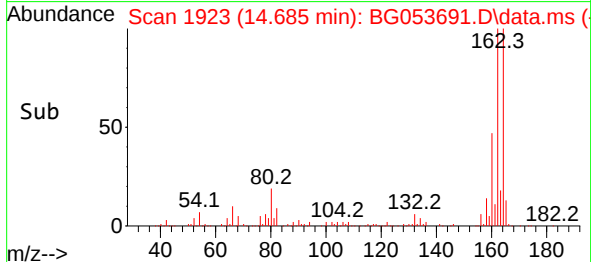
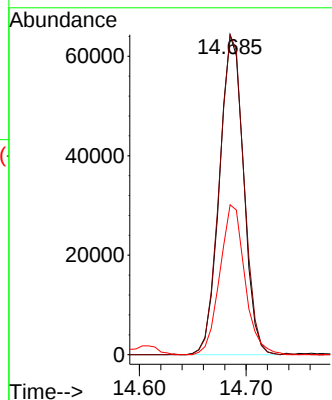
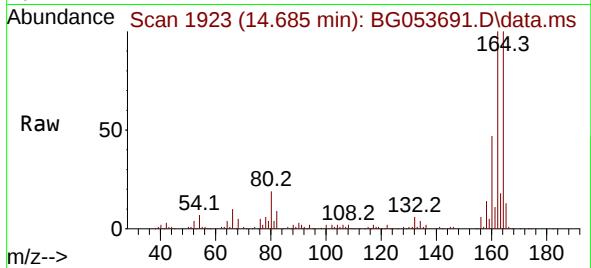




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.685 min Scan# 1923
Delta R.T. -0.005 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

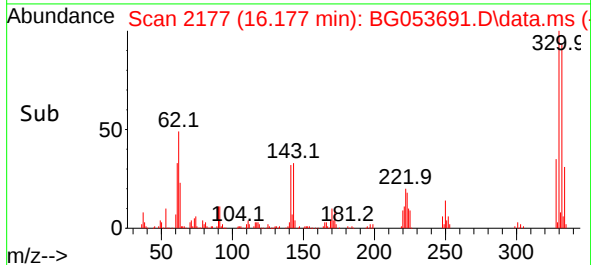
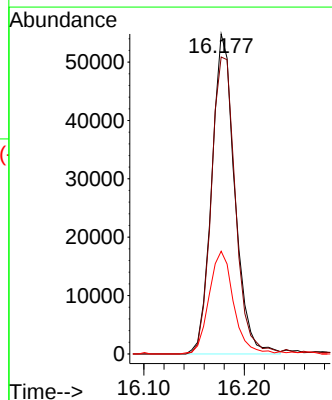
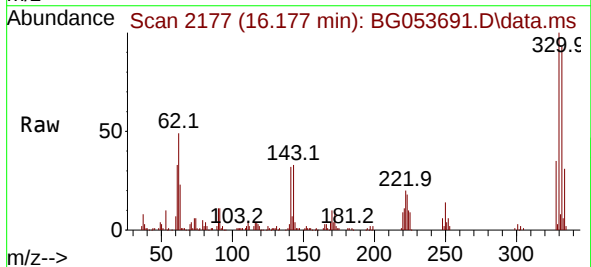
Instrument :
BNA_G
ClientSampleId :
MW-23DL

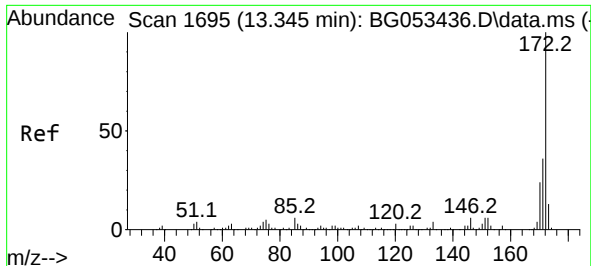
Tgt Ion:164 Resp: 100778
Ion Ratio Lower Upper
164 100
162 100.1 82.3 123.5
160 46.9 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 58.736 ng
RT: 16.177 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

Tgt Ion:330 Resp: 87303
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 34.6 27.1 40.7

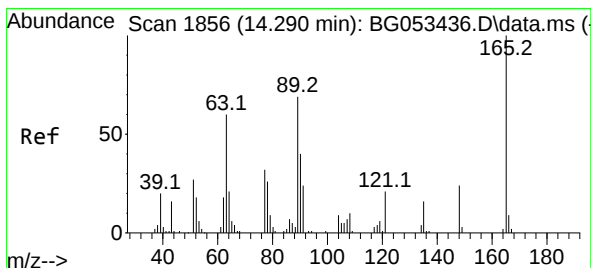
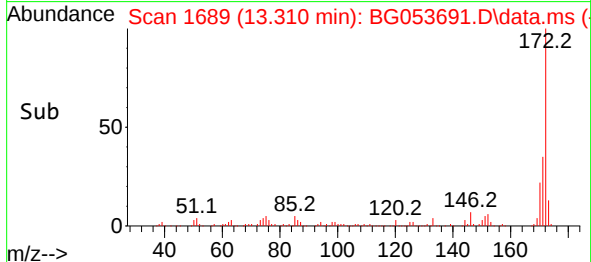
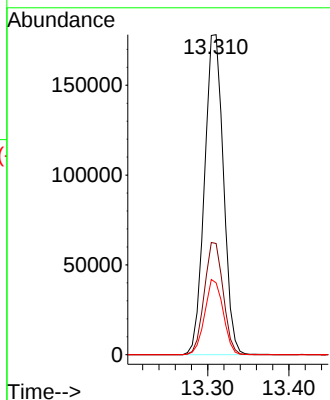
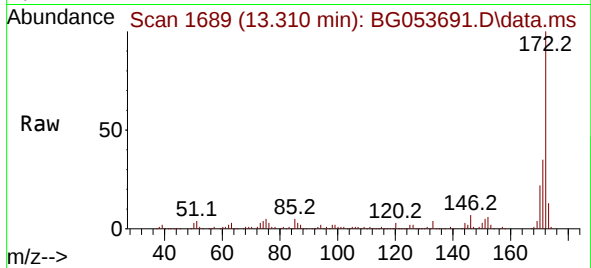




#45
2-Fluorobiphenyl
Concen: 41.739 ng
RT: 13.310 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

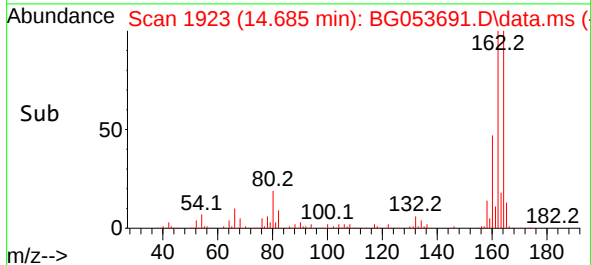
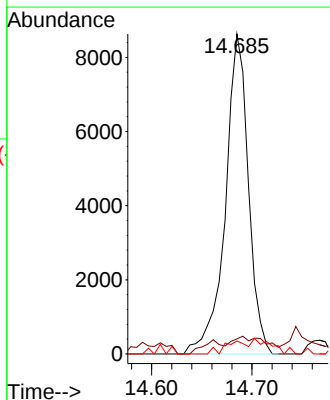
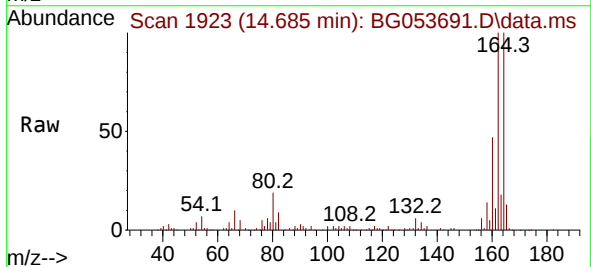
Instrument :
BNA_G
ClientSampleId :
MW-23DL

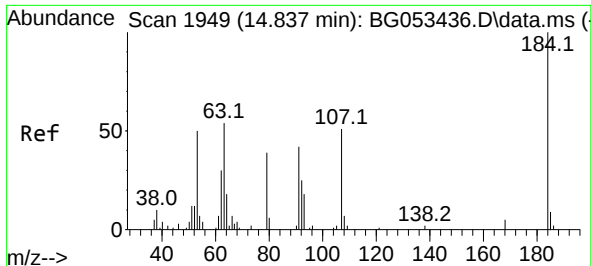
Tgt Ion:172 Resp: 287852
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 22.4 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.829 ng
RT: 14.685 min Scan# 1923
Delta R.T. 0.424 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

Tgt Ion:165 Resp: 13775
Ion Ratio Lower Upper
165 100
63 4.7 54.1 81.1#
89 4.1 54.8 82.2#

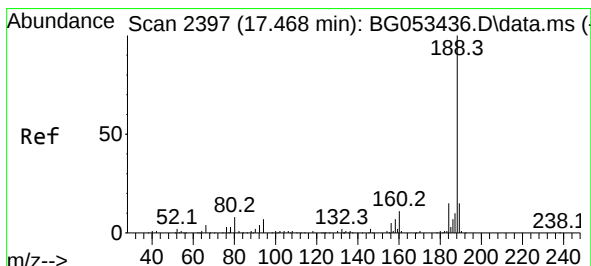
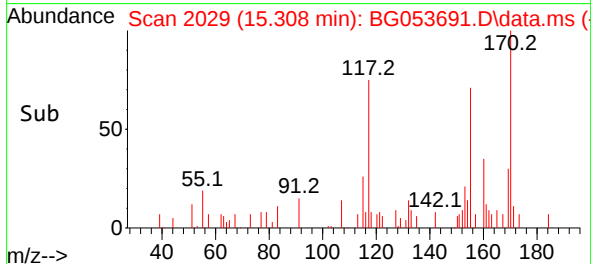
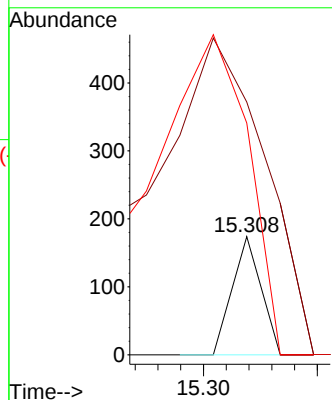
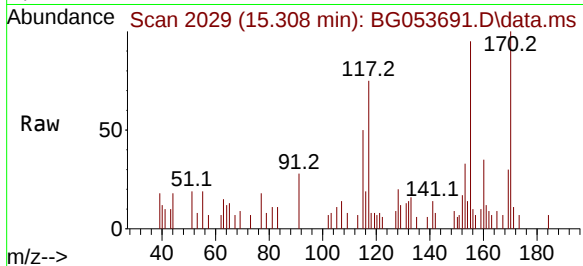




#54
2,4-Dinitrophenol
Concen: 6.301 ng
RT: 15.308 min Scan# 20
Delta R.T. 0.488 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

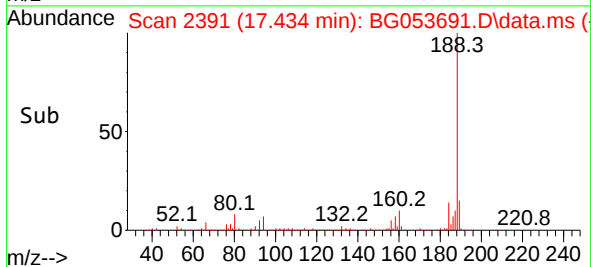
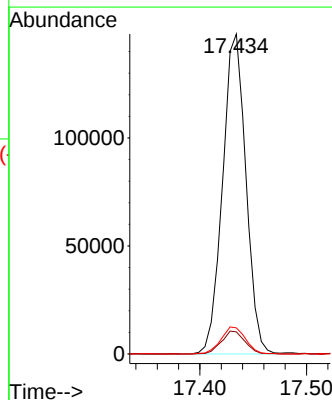
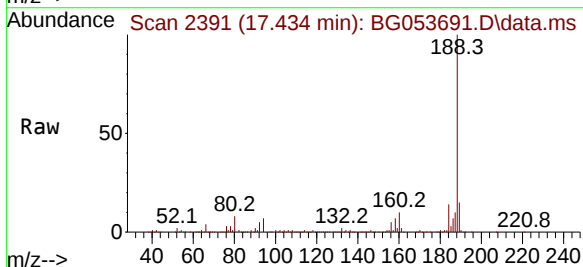
Instrument :
BNA_G
ClientSampleId :
MW-23DL

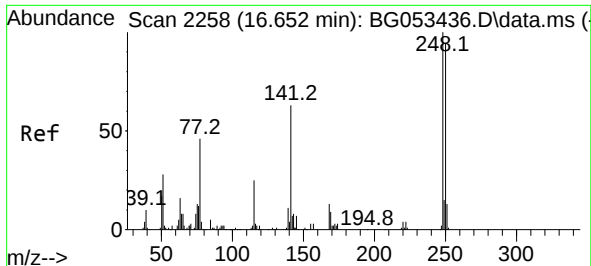
Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 213.8 61.1 91.7#
154 196.0 60.6 91.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.434 min Scan# 2391
Delta R.T. -0.005 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

Tgt Ion:188 Resp: 225036
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.0
80 8.1 6.8 10.2

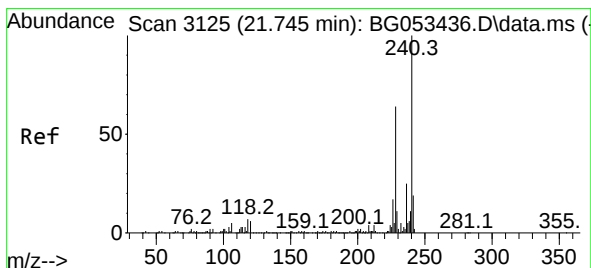
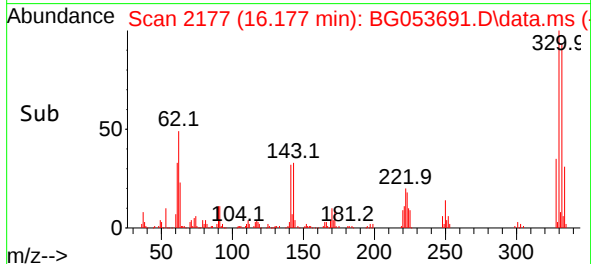
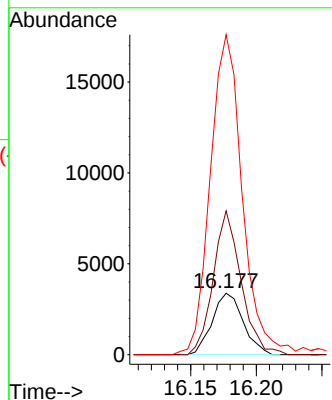
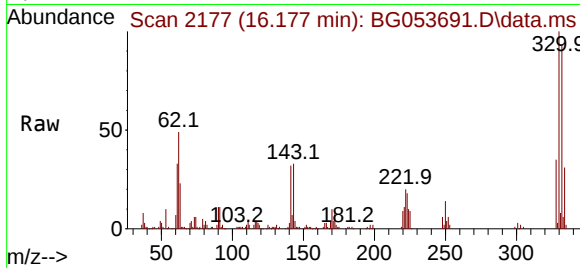




#67
4-Bromophenyl-phenylether
Concen: 2.109 ng
RT: 16.177 min Scan# 2177
Delta R.T. -0.440 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

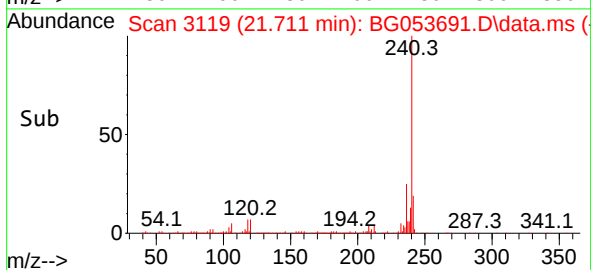
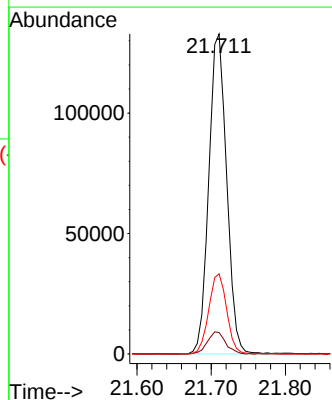
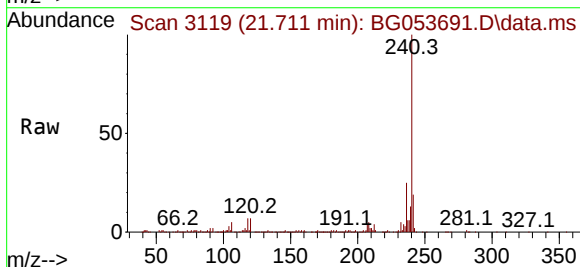
Instrument :
BNA_G
ClientSampleId :
MW-23DL

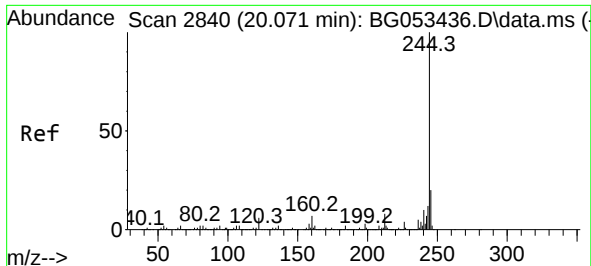
Tgt Ion:248 Resp: 5542
Ion Ratio Lower Upper
248 100
250 234.2 75.2 112.8#
141 520.8 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.711 min Scan# 3119
Delta R.T. -0.005 min
Lab File: BG053691.D
Acq: 24 May 2022 20:43

Tgt Ion:240 Resp: 222457
Ion Ratio Lower Upper
240 100
120 6.7 4.6 7.0
236 25.0 20.2 30.4

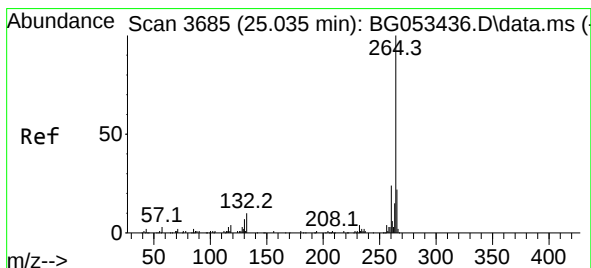
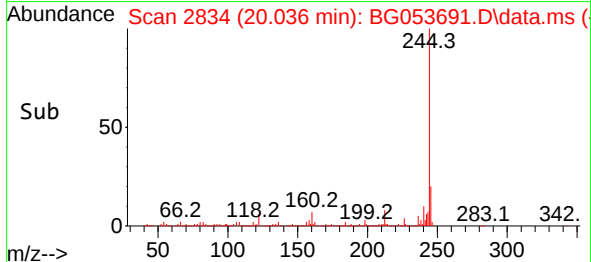
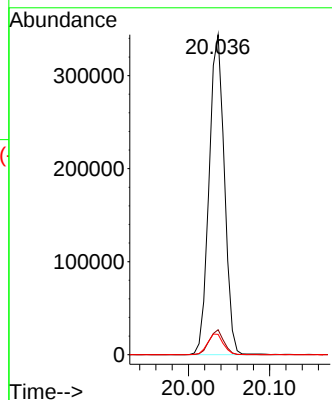
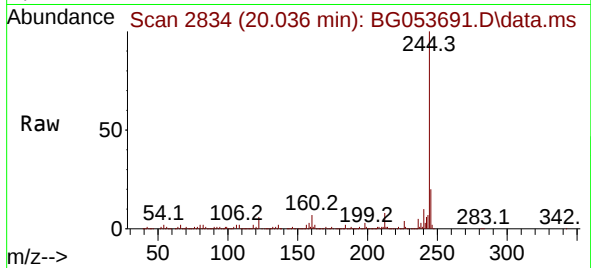




#79
 Terphenyl-d14
 Concen: 37.567 ng
 RT: 20.036 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG053691.D
 Acq: 24 May 2022 20:43

Instrument :
 BNA_G
 ClientSampleId :
 MW-23DL

Tgt Ion:244 Resp: 448712
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 6.4 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.977 min Scan# 3675
 Delta R.T. -0.005 min
 Lab File: BG053691.D
 Acq: 24 May 2022 20:43

Tgt Ion:264 Resp: 221139
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 20.8 17.4 26.2

