

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
 Data File : BG053753.D
 Acq On : 28 May 2022 16:31
 Operator : CG/JU
 Sample : N3056-09DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-02DL

Quant Time: May 29 02:19:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 29 02:17:06 2022
 Response via : Initial Calibration

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

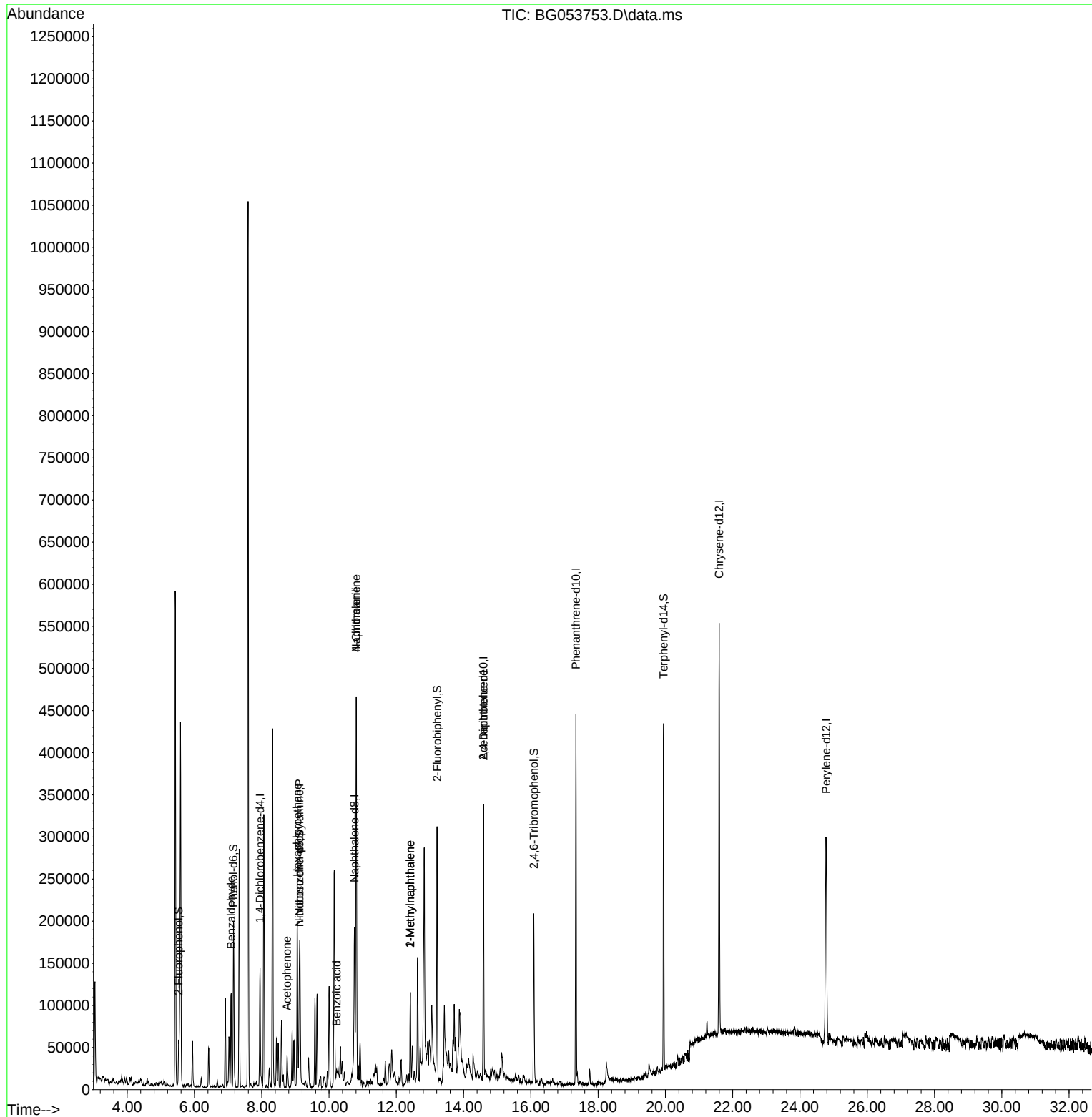
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	37826	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	153726	20.000	ng	0.00
39) Acenaphthene-d10	14.591	164	110244	20.000	ng	0.00
64) Phenanthrene-d10	17.340	188	271877	20.000	ng	0.00
76) Chrysene-d12	21.599	240	285682	20.000	ng	-0.01
86) Perylene-d12	24.777	264	253710	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	27447	12.315	ng	0.00
7) Phenol-d6	7.154	99	26678	7.887	ng	0.00
23) Nitrobenzene-d5	9.116	82	60857	16.852	ng	0.00
42) 2,4,6-Tribromophenol	16.089	330	43025	26.461	ng	0.00
45) 2-Fluorobiphenyl	13.210	172	149678	19.840	ng	0.00
79) Terphenyl-d14	19.948	244	220767	14.393	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.089	77	9514	4.427	ng	# 1
18) Hexachloroethane	9.057	117	23883	22.674	ng	# 1
19) n-Nitroso-di-n-propyla...	9.116	70	8891	3.663	ng	# 72
22) Acetophenone	8.751	105	31308	7.441	ng	# 54
31) Naphthalene	10.807	128	350842	44.867	ng	99
32) Benzoic acid	10.226	122	1897	9.658	ng	91
33) 4-Chloroaniline	10.807	127	47673	14.557	ng	# 31
37) 2-Methylnaphthalene	12.417	142	50649	8.679	ng	97
38) 1-Methylnaphthalene	12.417	142	50649	8.896	ng	93
57) 2,4-Dinitrotoluene	14.591	165	14618	5.909	ng	# 26

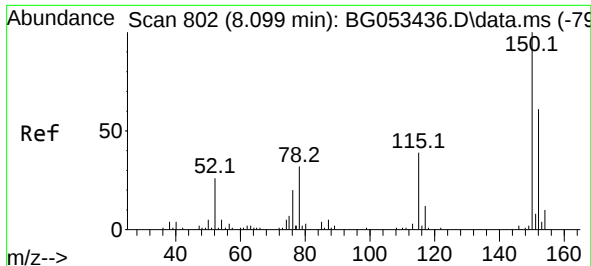
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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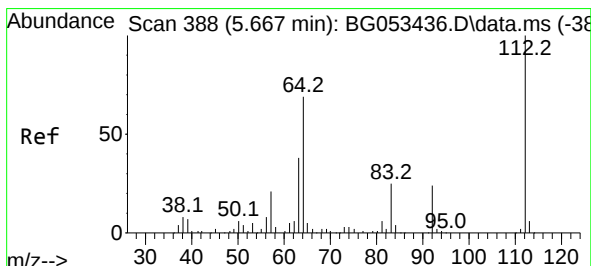
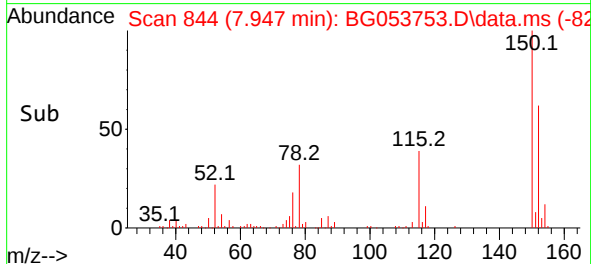
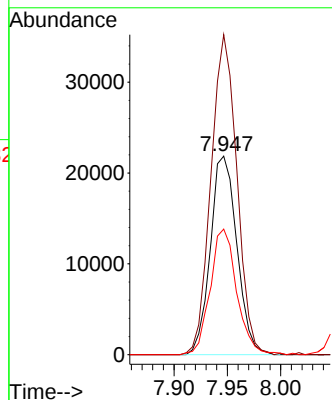
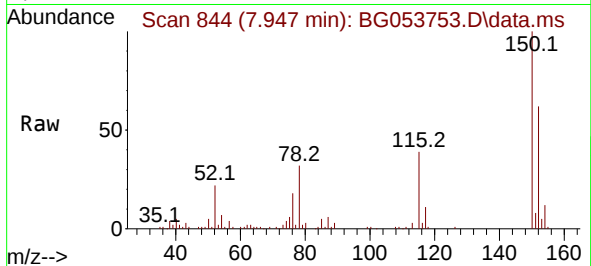




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.947 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

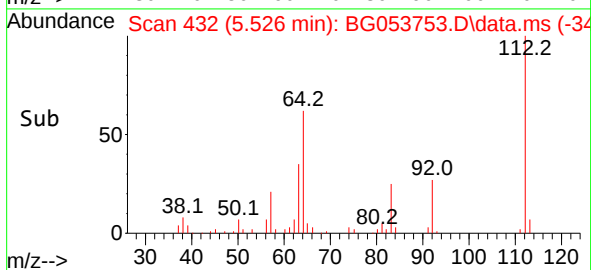
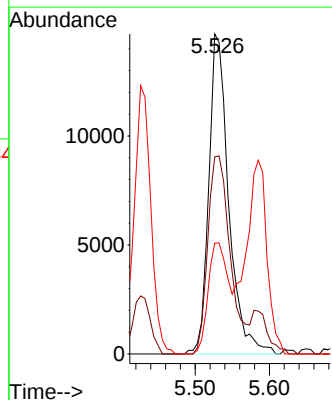
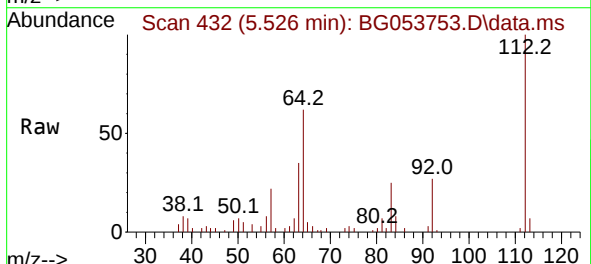
Instrument :
BNA_G
ClientSampleId :
MW-02DL

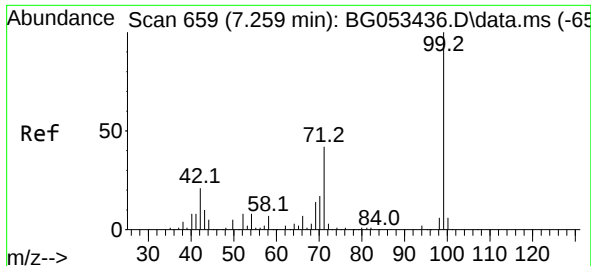
Tgt Ion:152 Resp: 37826
Ion Ratio Lower Upper
152 100
150 161.2 131.6 197.4
115 63.3 50.9 76.3



#5
2-Fluorophenol
Concen: 12.315 ng
RT: 5.526 min Scan# 432
Delta R.T. 0.001 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

Tgt Ion:112 Resp: 27447
Ion Ratio Lower Upper
112 100
64 61.6 55.1 82.7
63 34.7 30.4 45.6

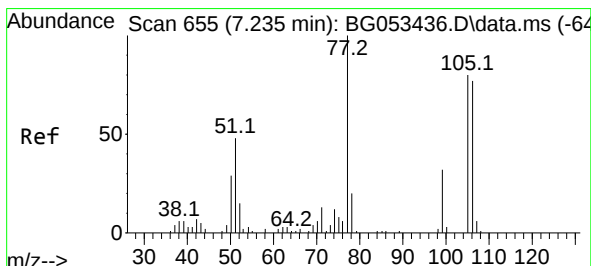
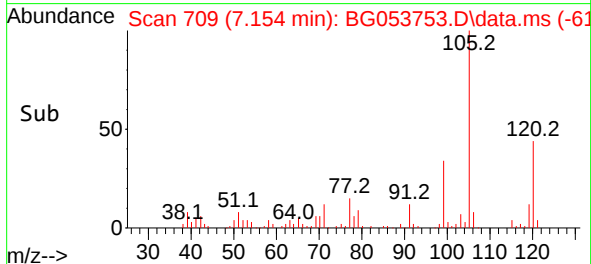
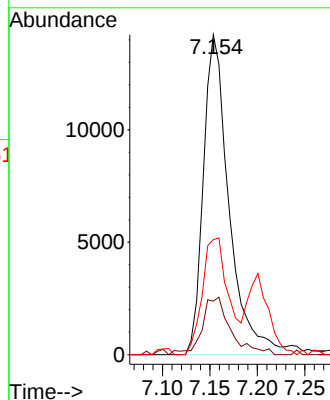
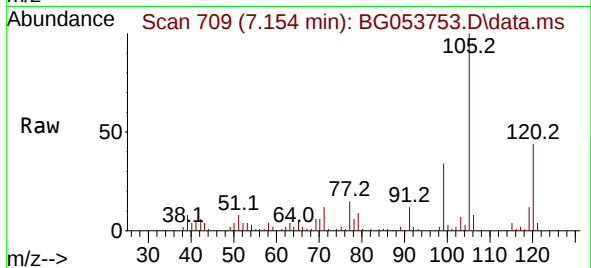




#7
Phenol-d6
Concen: 7.887 ng
RT: 7.154 min Scan# 709
Delta R.T. 0.001 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

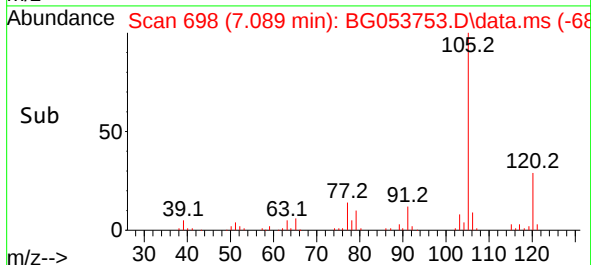
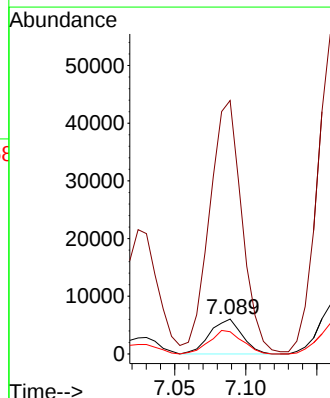
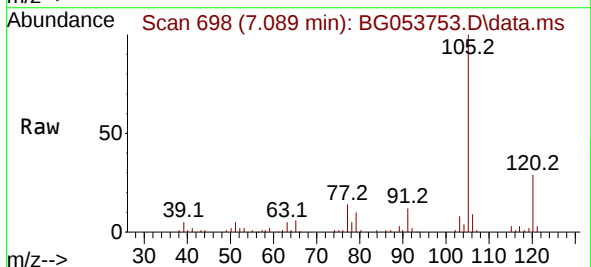
Instrument :
BNA_G
ClientSampleId :
MW-02DL

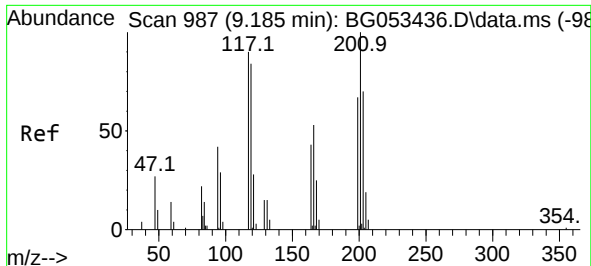
Tgt Ion: 99 Resp: 26678
Ion Ratio Lower Upper
99 100
42 16.8 17.0 25.6#
71 36.0 33.8 50.8



#9
Benzaldehyde
Concen: 4.427 ng
RT: 7.089 min Scan# 698
Delta R.T. 0.007 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

Tgt Ion: 77 Resp: 9514
Ion Ratio Lower Upper
77 100
105 726.6 59.6 99.6#
106 63.7 56.8 96.8

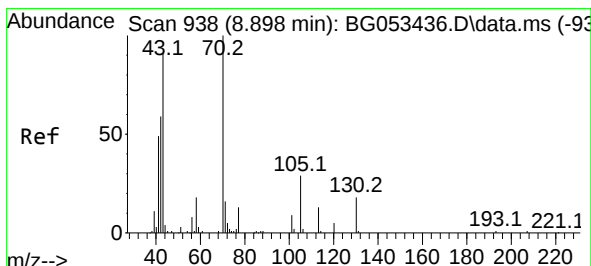
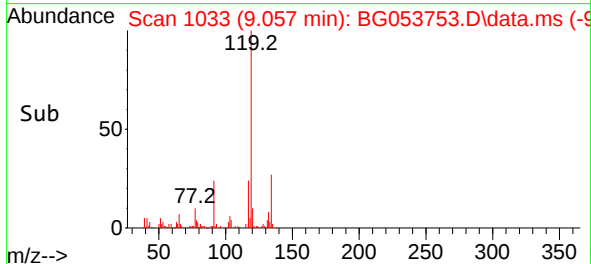
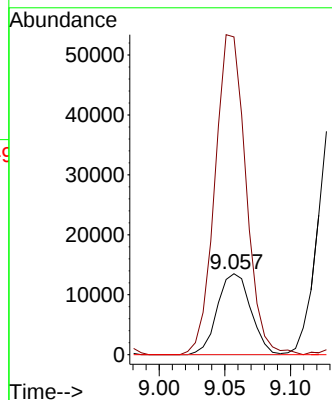
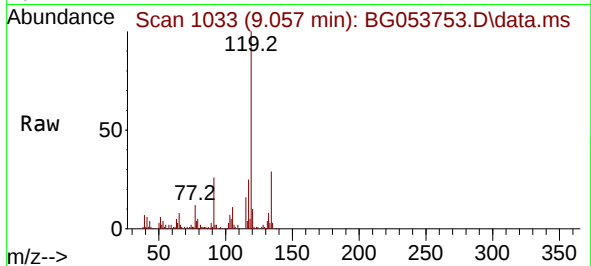




#18
Hexachloroethane
Concen: 22.674 ng
RT: 9.057 min Scan# 1033
Delta R.T. 0.031 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

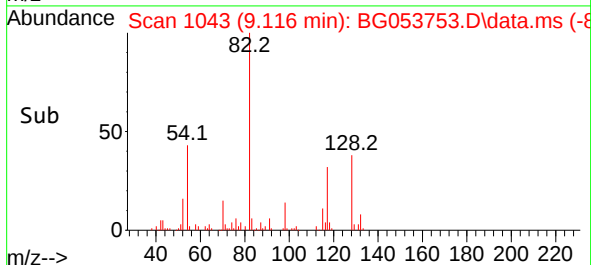
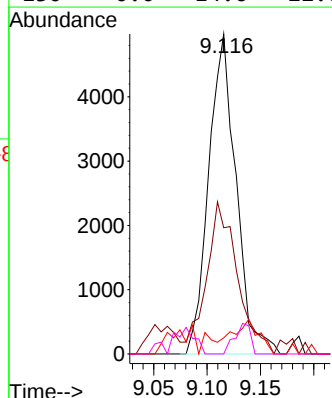
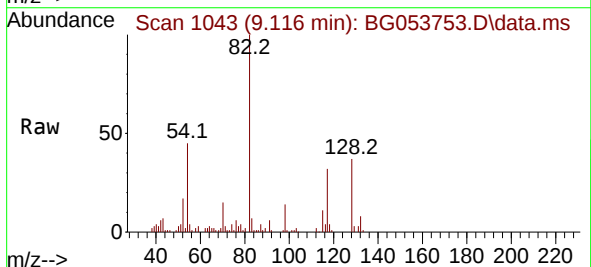
Instrument :
BNA_G
ClientSampleId :
MW-02DL

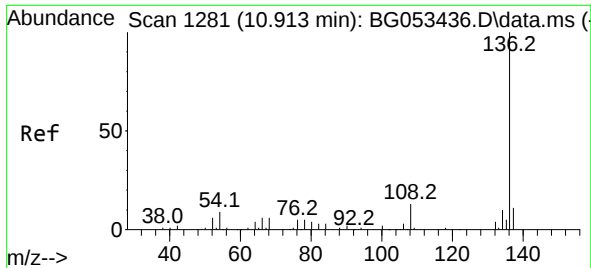
Tgt Ion:117 Resp: 23883
Ion Ratio Lower Upper
117 100
119 392.3 75.0 112.6#
201 0.0 89.0 133.6#



#19
n-Nitroso-di-n-propylamine
Concen: 3.663 ng
RT: 9.116 min Scan# 1043
Delta R.T. 0.359 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

Tgt Ion: 70 Resp: 8891
Ion Ratio Lower Upper
70 100
42 39.5 47.3 70.9#
101 5.1 7.0 10.4#
130 0.0 14.6 22.0#

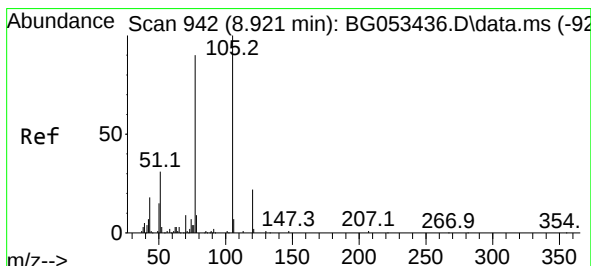
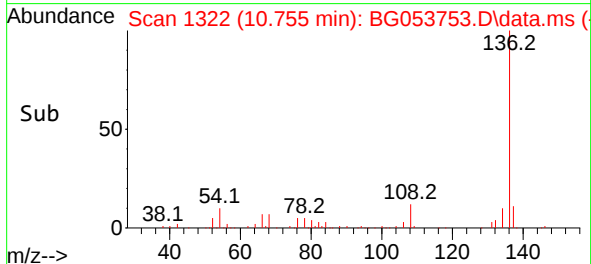
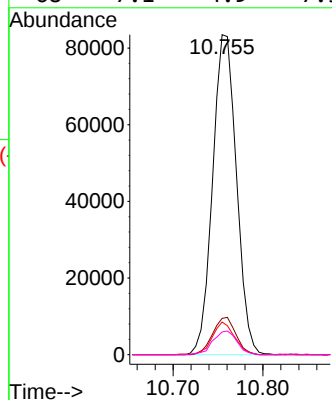
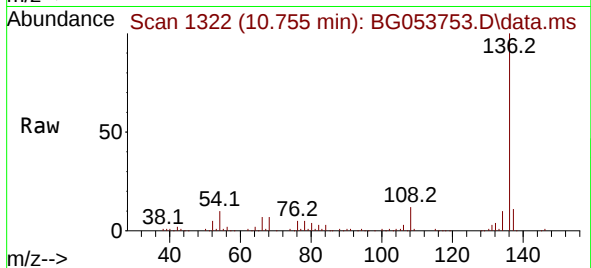




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 111
Delta R.T. -0.005 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

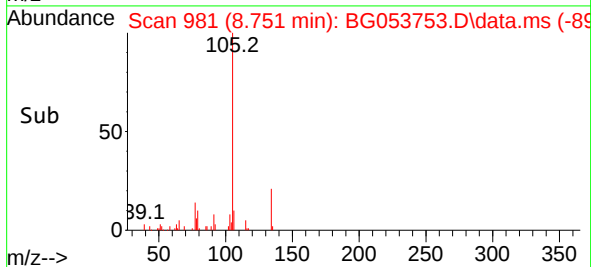
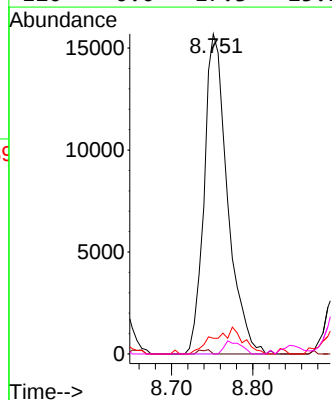
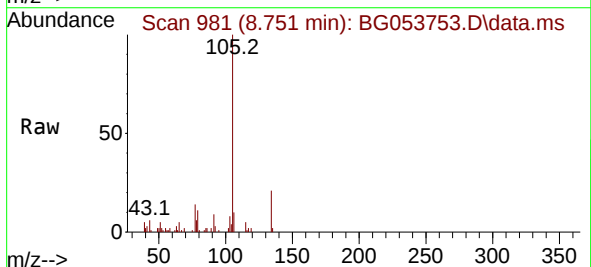
Instrument :
BNA_G
ClientSampleId :
MW-02DL

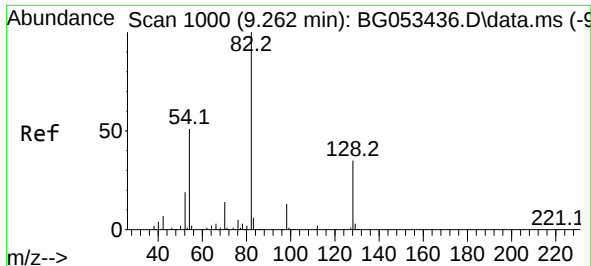
Tgt Ion:136 Resp: 153726
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 10.2 7.4 11.2
68 7.1 4.9 7.3



#22
Acetophenone
Concen: 7.441 ng
RT: 8.751 min Scan# 981
Delta R.T. -0.022 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

Tgt Ion:105 Resp: 31308
Ion Ratio Lower Upper
105 100
71 0.0 1.1 1.7#
51 4.9 25.4 38.0#
120 0.0 17.3 25.9#

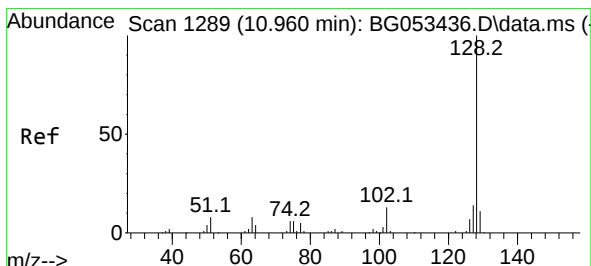
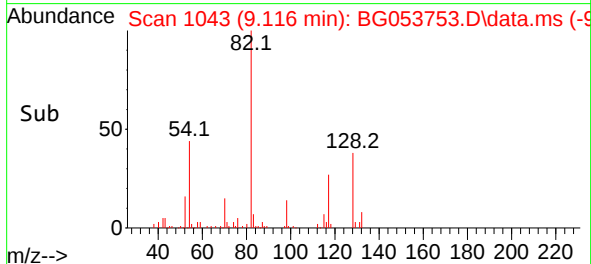
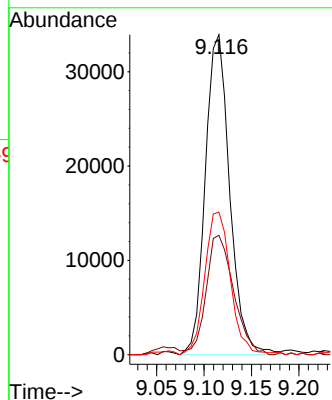
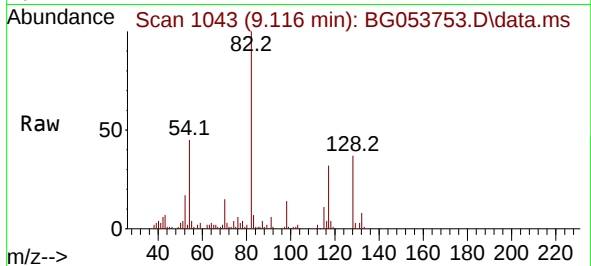




#23
Nitrobenzene-d5
Concen: 16.852 ng
RT: 9.116 min Scan# 1000
Delta R.T. -0.005 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

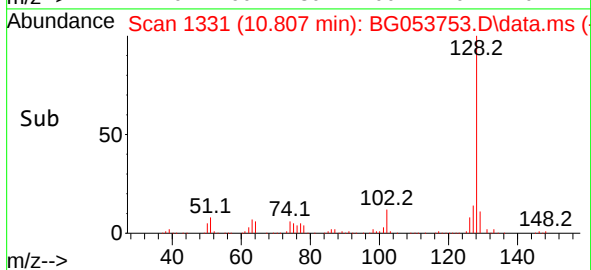
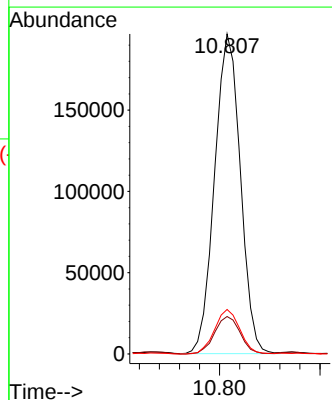
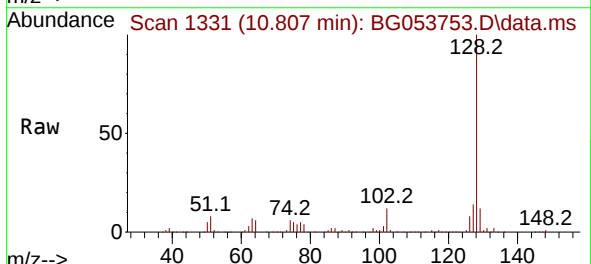
Instrument :
BNA_G
ClientSampleId :
MW-02DL

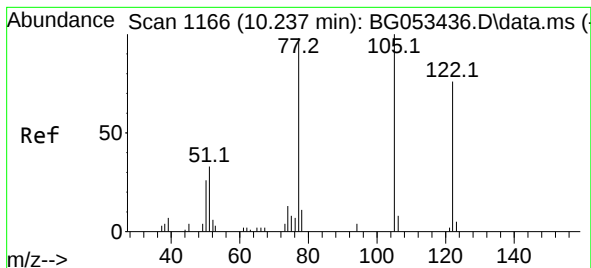
Tgt Ion: 82 Resp: 60857
Ion Ratio Lower Upper
82 100
128 37.3 27.9 41.9
54 44.6 41.2 61.8



#31
Naphthalene
Concen: 44.867 ng
RT: 10.807 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

Tgt Ion: 128 Resp: 350842
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.9 11.1 16.7





#32

Benzoic acid

Concen: 9.658 ng

RT: 10.226 min Scan# 1166

Delta R.T. 0.072 min

Lab File: BG053753.D

Acq: 28 May 2022 16:31

Instrument :

BNA_G

ClientSampleId :

MW-02DL

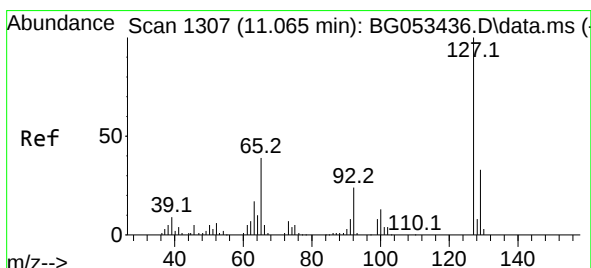
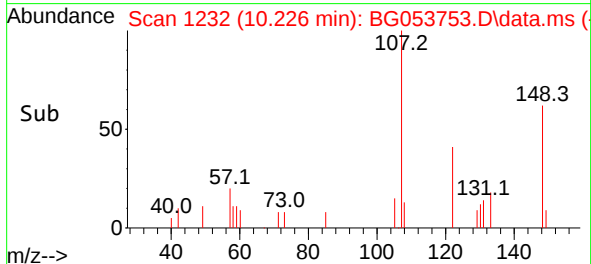
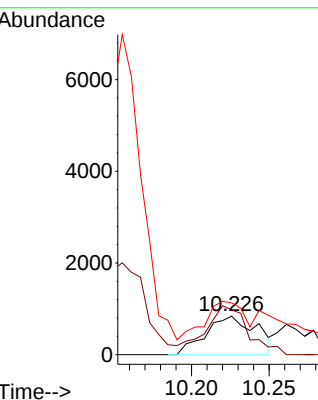
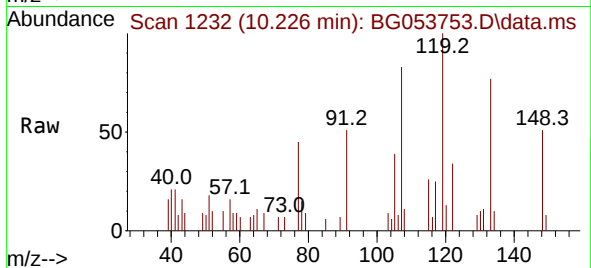
Tgt Ion:122 Resp: 1897

Ion Ratio Lower Upper

122 100

105 115.9 111.8 151.8

77 134.3 109.4 149.4



#33

4-Chloroaniline

Concen: 14.557 ng

RT: 10.807 min Scan# 1331

Delta R.T. -0.116 min

Lab File: BG053753.D

Acq: 28 May 2022 16:31

Tgt Ion:127 Resp: 47673

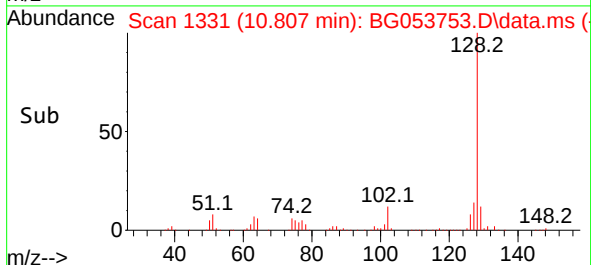
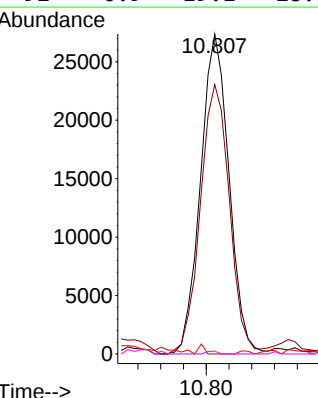
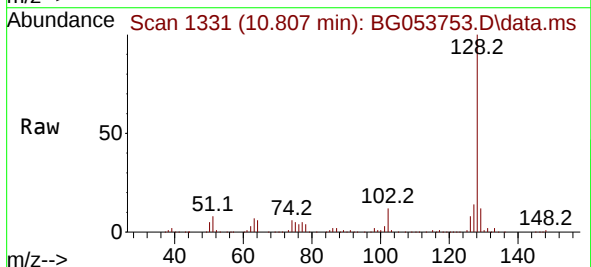
Ion Ratio Lower Upper

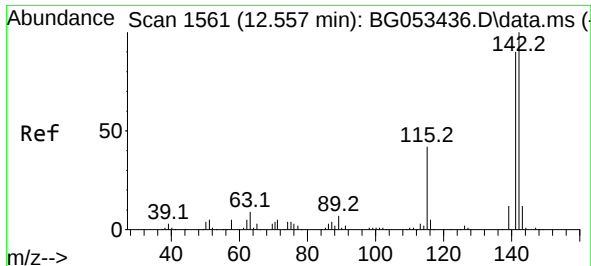
127 100

129 84.2 26.3 39.5#

65 0.0 31.1 46.7#

92 0.9 19.1 28.7#





#37

2-Methylnaphthalene

Concen: 8.679 ng

RT: 12.417 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG053753.D

Acq: 28 May 2022 16:31

Instrument :

BNA_G

ClientSampleId :

MW-02DL

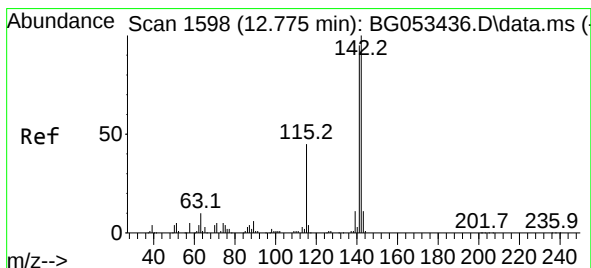
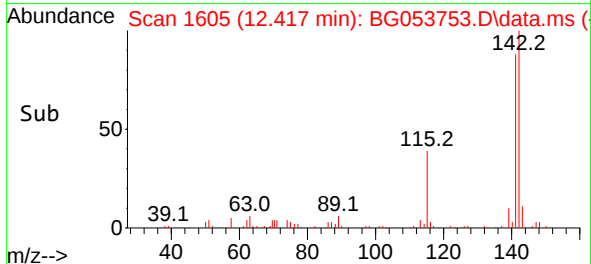
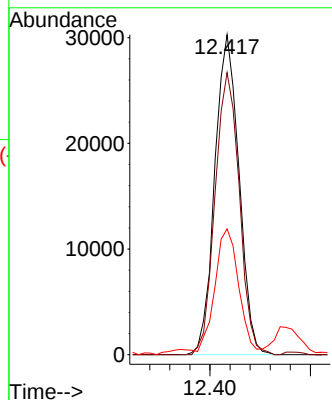
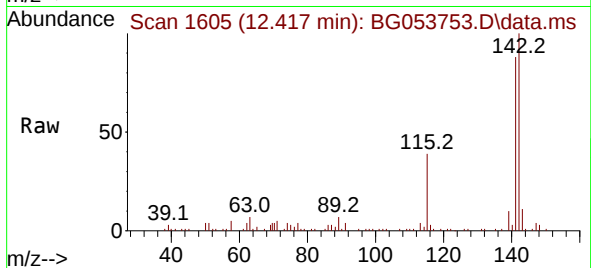
Tgt Ion:142 Resp: 50649

Ion Ratio Lower Upper

142 100

141 88.1 72.3 108.5

115 39.3 33.7 50.5



#38

1-Methylnaphthalene

Concen: 8.896 ng

RT: 12.417 min Scan# 1605

Delta R.T. -0.222 min

Lab File: BG053753.D

Acq: 28 May 2022 16:31

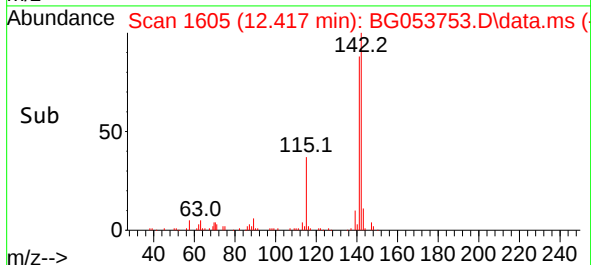
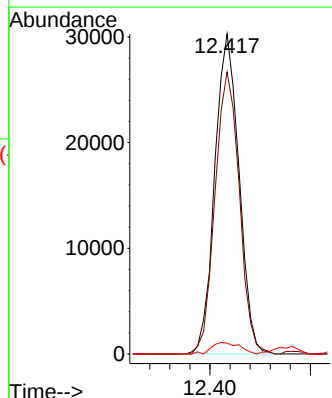
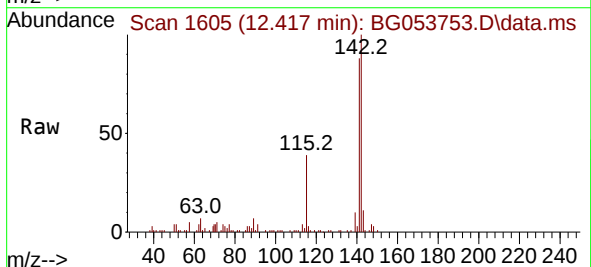
Tgt Ion:142 Resp: 50649

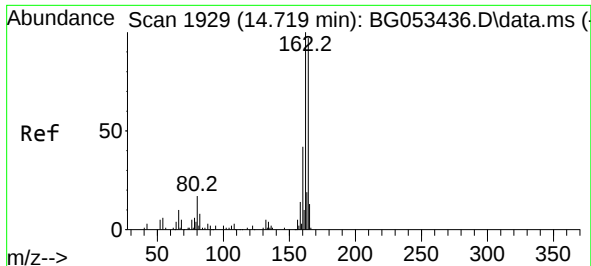
Ion Ratio Lower Upper

142 100

141 88.1 76.4 114.6

116 3.4 3.3 4.9

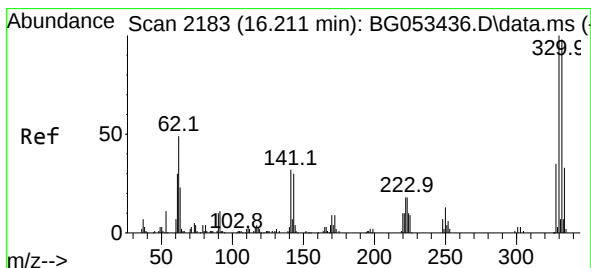
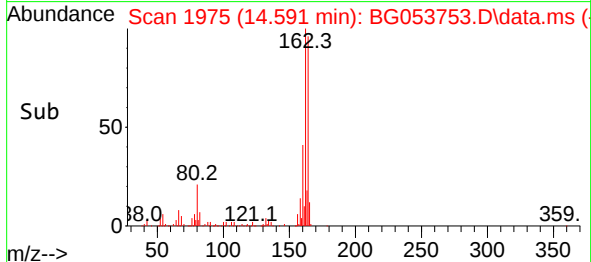
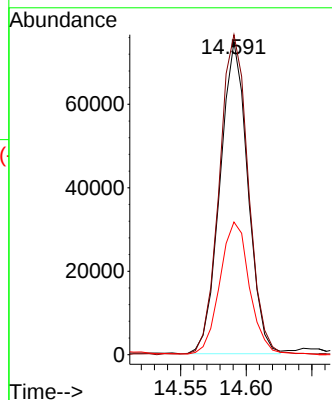
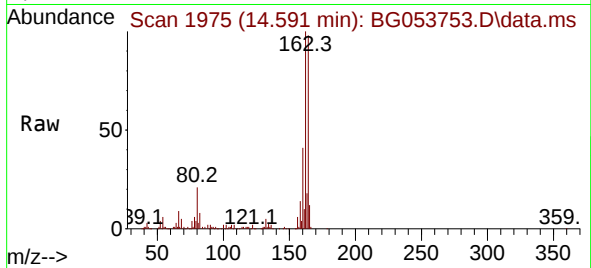




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.591 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

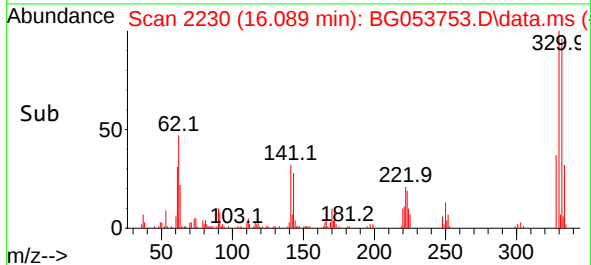
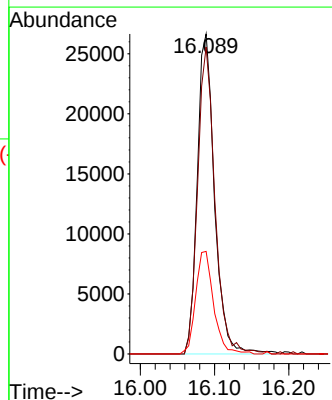
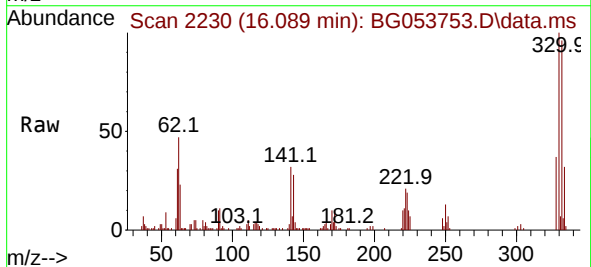
Instrument :
BNA_G
ClientSampleId :
MW-02DL

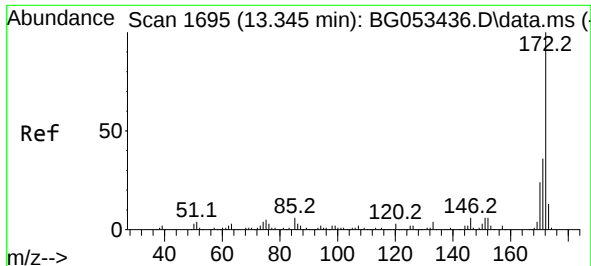
Tgt Ion:164 Resp: 110244
Ion Ratio Lower Upper
164 100
162 102.3 82.3 123.5
160 42.4 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 26.461 ng
RT: 16.089 min Scan# 2230
Delta R.T. -0.005 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

Tgt Ion:330 Resp: 43025
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 33.4 27.1 40.7

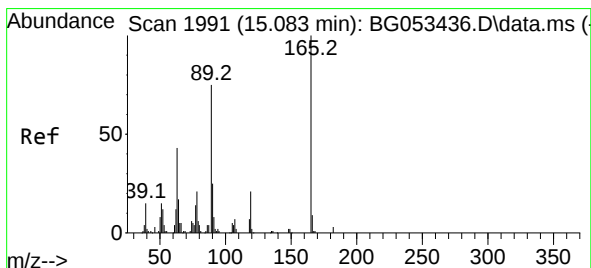
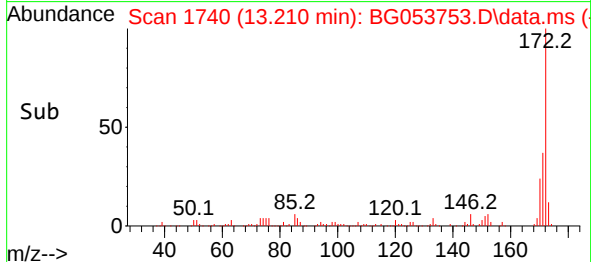
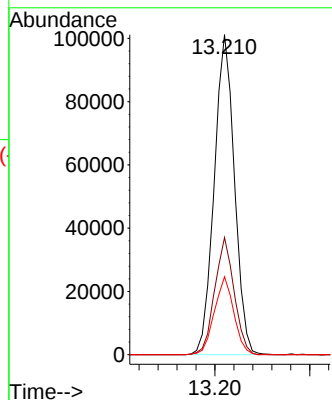
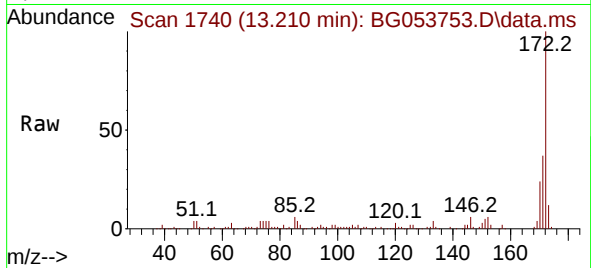




#45
2-Fluorobiphenyl
Concen: 19.840 ng
RT: 13.210 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

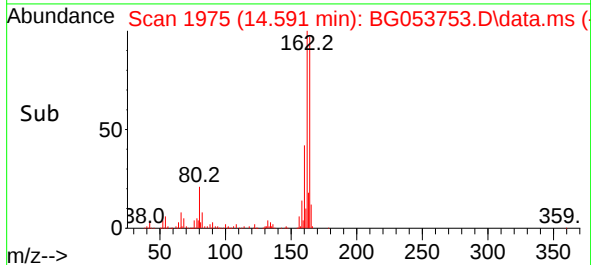
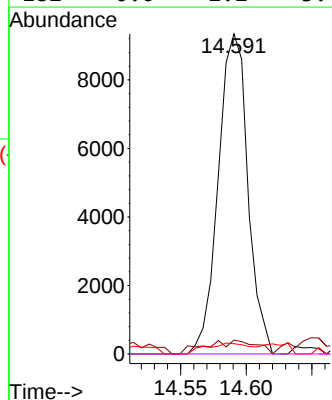
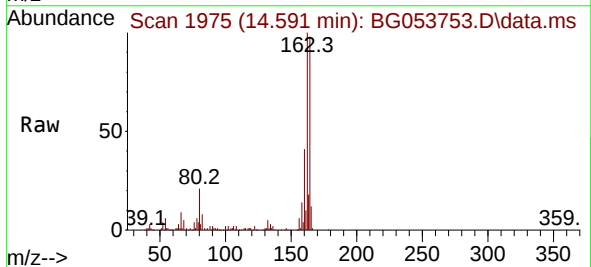
Instrument :
BNA_G
ClientSampleId :
MW-02DL

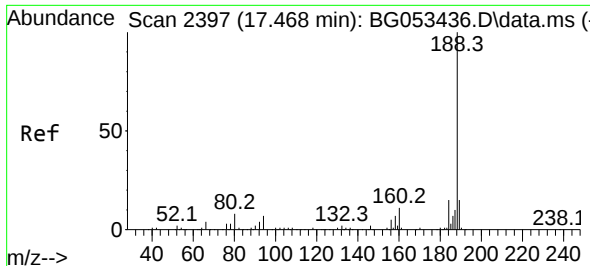
Tgt Ion:172 Resp: 149678
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 24.4 18.9 28.3



#57
2,4-Dinitrotoluene
Concen: 5.909 ng
RT: 14.591 min Scan# 1975
Delta R.T. -0.375 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

Tgt Ion:165 Resp: 14618
Ion Ratio Lower Upper
165 100
63 4.4 34.6 52.0#
89 3.2 60.3 90.5#
182 0.0 2.2 3.4#

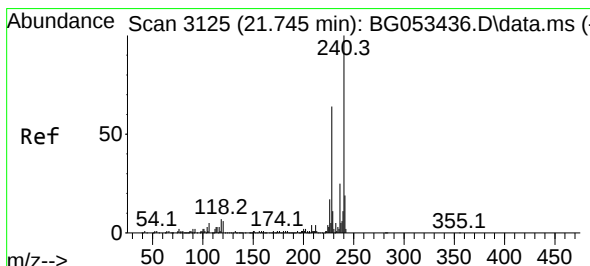
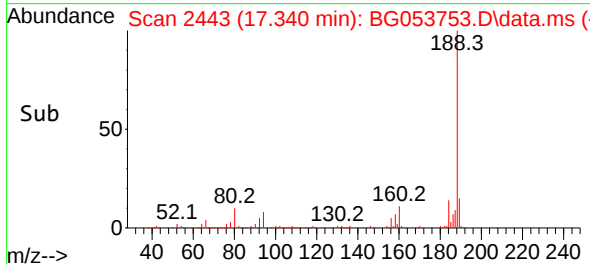
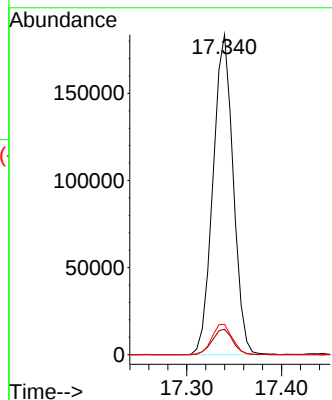
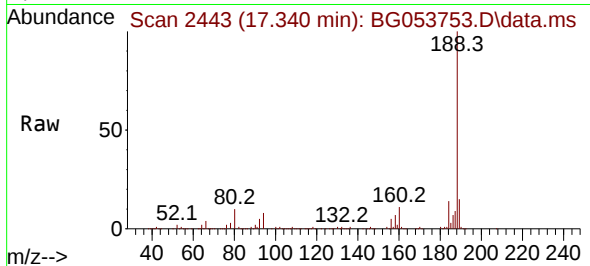




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.340 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

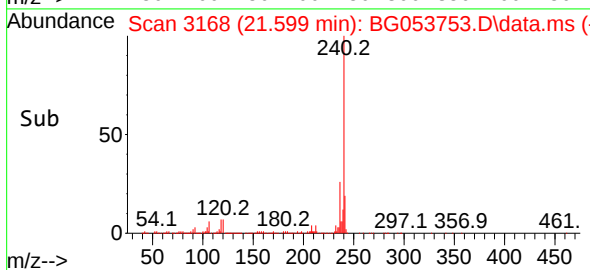
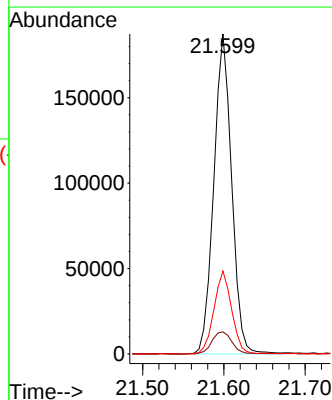
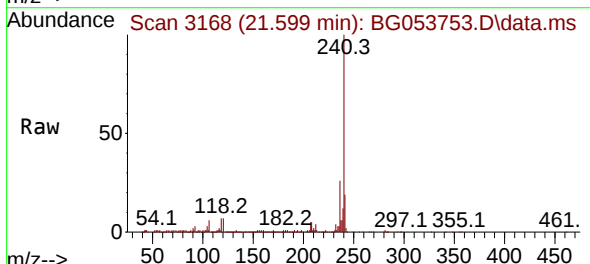
Instrument :
BNA_G
ClientSampleId :
MW-02DL

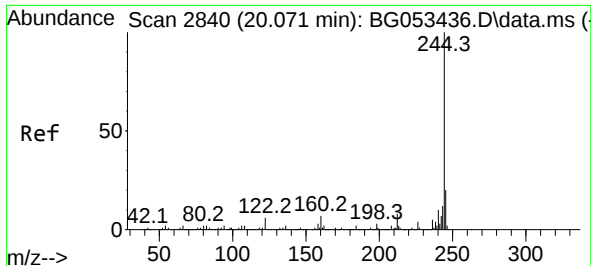
Tgt Ion:188 Resp: 271877
Ion Ratio Lower Upper
188 100
94 7.9 5.4 8.0
80 9.5 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.599 min Scan# 3168
Delta R.T. -0.011 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

Tgt Ion:240 Resp: 285682
Ion Ratio Lower Upper
240 100
120 6.9 4.6 7.0
236 25.9 20.2 30.4

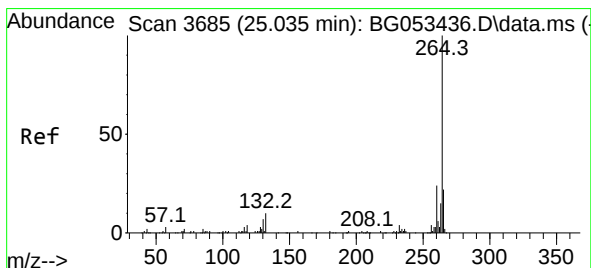
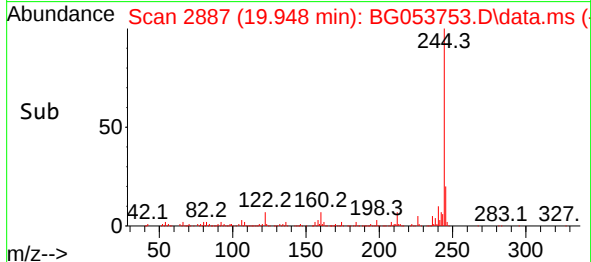
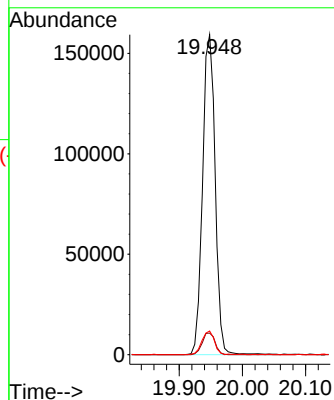
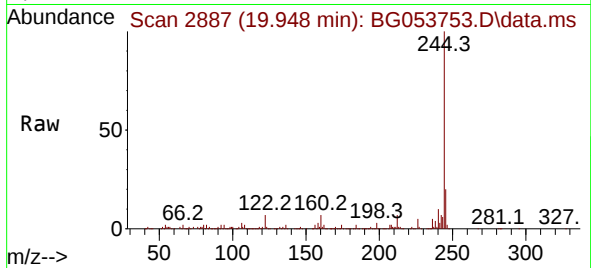




#79
 Terphenyl-d14
 Concen: 14.393 ng
 RT: 19.948 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG053753.D
 Acq: 28 May 2022 16:31

Instrument :
 BNA_G
 ClientSampleId :
 MW-02DL

Tgt Ion:244 Resp: 220767
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.5 9.7
 122 7.4 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.777 min Scan# 3709
 Delta R.T. -0.011 min
 Lab File: BG053753.D
 Acq: 28 May 2022 16:31

Tgt Ion:264 Resp: 253710
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 20.8 17.4 26.2

