

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
 Data File : BG054781.D
 Acq On : 29 Aug 2022 21:00
 Operator : CG/JU
 Sample : N4376-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-39

Quant Time: Aug 30 02:51:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

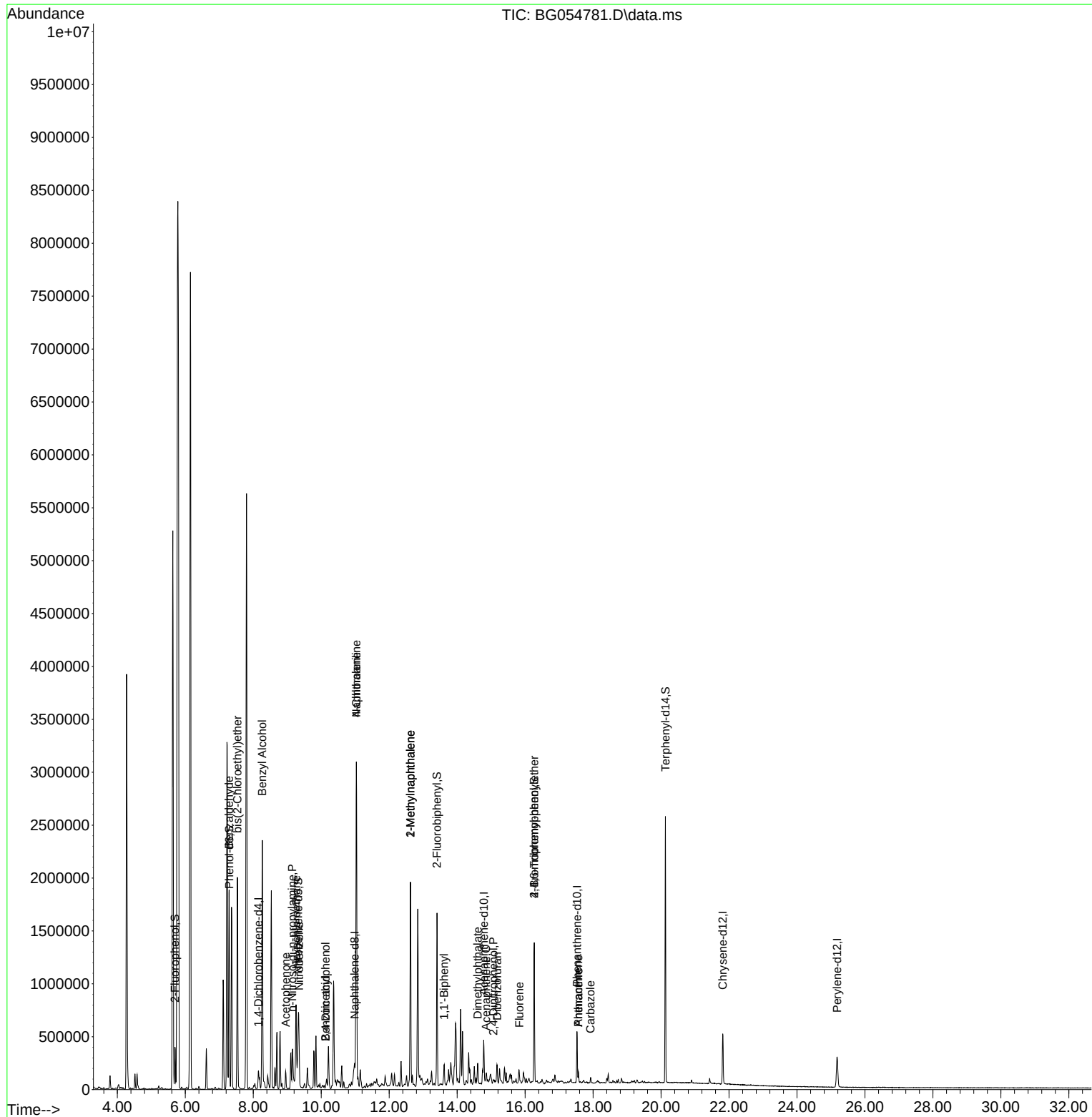
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	49942	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	208560	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	137594	20.000	ng	0.00
64) Phenanthrene-d10	17.525	188	310274	20.000	ng	0.00
76) Chrysene-d12	21.814	240	300886	20.000	ng	-0.01
86) Perylene-d12	25.180	264	319861	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	183658	64.037	ng	0.01
7) Phenol-d6	7.296	99	151978	38.748	ng	0.00
23) Nitrobenzene-d5	9.323	82	350847	88.311	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	266349	154.915	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	838574	91.602	ng	0.00
79) Terphenyl-d14	20.128	244	1241833	81.777	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.284	77	134145	52.183	ng	# 1
11) bis(2-Chloroethyl)ether	7.531	93	6891	2.124	ng	# 1
15) Benzyl Alcohol	8.265	79	129340	45.646	ng	# 6
18) Hexachloroethane	9.264	117	93431	70.444	ng	# 1
19) n-Nitroso-di-n-propyla...	9.146	70	6621	2.455	ng	# 64
22) Acetophenone	8.952	105	125783	24.107	ng	# 56
24) Nitrobenzene	9.346	77	15691	3.918	ng	# 4
27) 2,4-Dimethylphenol	10.128	122	11074	3.951	ng	94
31) Naphthalene	11.032	128	2508994	224.223	ng	# 93
32) Benzoic acid	10.128	122	11074	12.439	ng	# 21
33) 4-Chloroaniline	11.032	127	398522	87.360	ng	# 34
37) 2-Methylnaphthalene	12.625	142	963125	122.805	ng	99
38) 1-Methylnaphthalene	12.625	142	963125	126.222	ng	95
46) 1,1'-Biphenyl	13.618	154	101077	9.892	ng	97
50) Dimethylphthalate	14.605	163	127643	12.041	ng	# 93
52) Acenaphthene	14.846	154	21139	2.570	ng	89
54) 2,4-Dinitrophenol	15.069	184	455	7.040	ng	# 1
55) Dibenzofuran	15.175	168	36882	3.051	ng	# 75
58) Fluorene	15.827	166	45768	4.495	ng	96
67) 4-Bromophenyl-phenylether	16.267	248	17783	5.220	ng	# 1
71) Phenanthrene	17.566	178	63320	3.831	ng	100
72) Anthracene	17.566	178	63320	3.940	ng	99
73) Carbazole	17.924	167	32531	2.197	ng	98

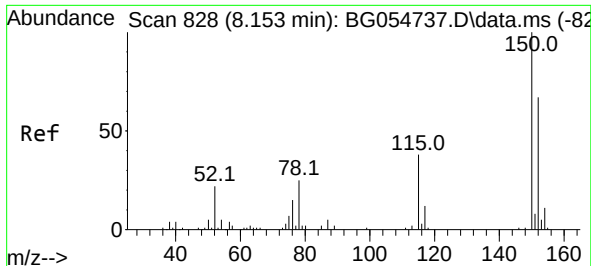
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
Data File : BG054781.D
Acq On : 29 Aug 2022 21:00
Operator : CG/JU
Sample : N4376-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-39

Quant Time: Aug 30 02:51:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

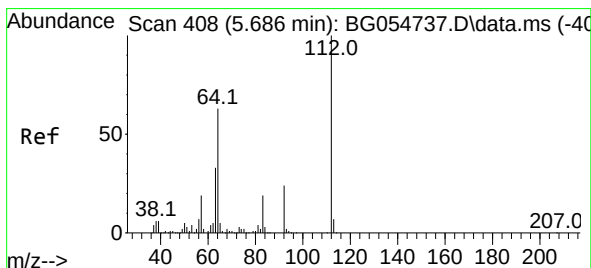
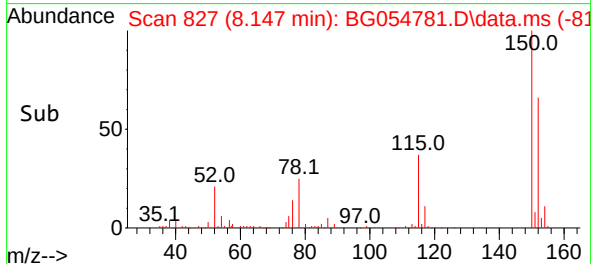
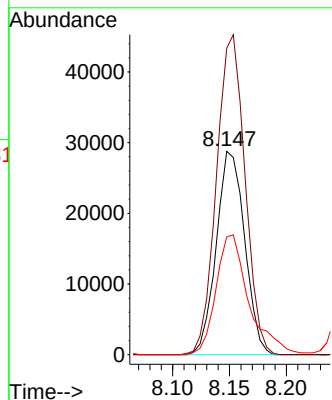
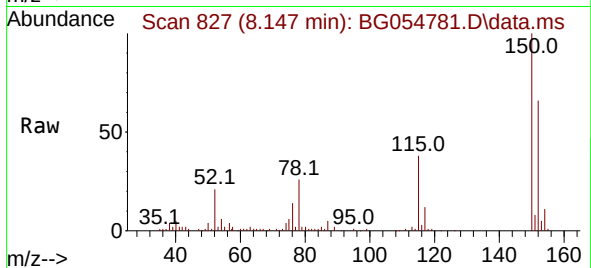




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

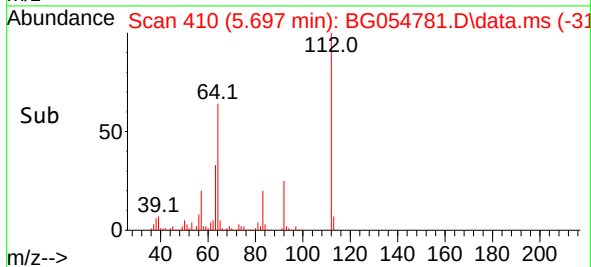
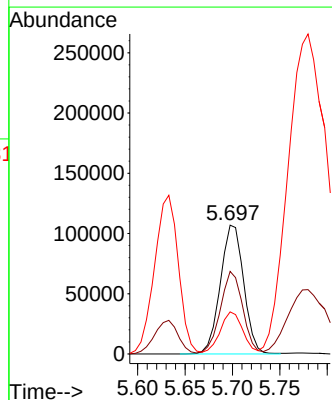
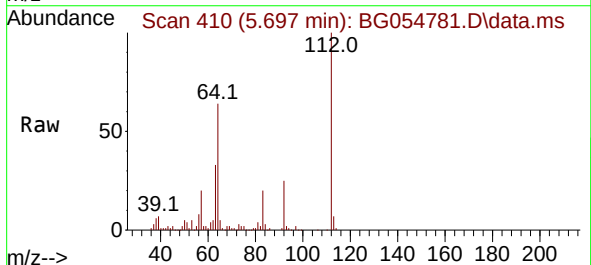
Instrument :
BNA_G
ClientSampleId :
MW-39

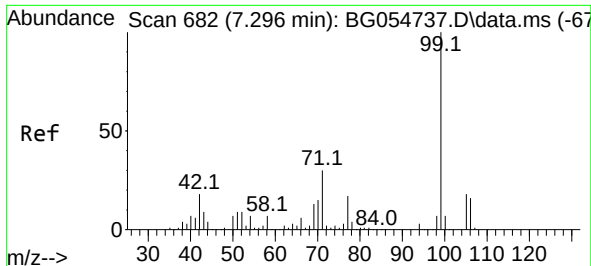
Tgt Ion:152 Resp: 49942
Ion Ratio Lower Upper
152 100
150 150.7 125.2 187.8
115 57.9 47.9 71.9



#5
2-Fluorophenol
Concen: 64.037 ng
RT: 5.697 min Scan# 410
Delta R.T. 0.012 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

Tgt Ion:112 Resp: 183658
Ion Ratio Lower Upper
112 100
64 64.1 49.3 73.9
63 32.7 26.3 39.5

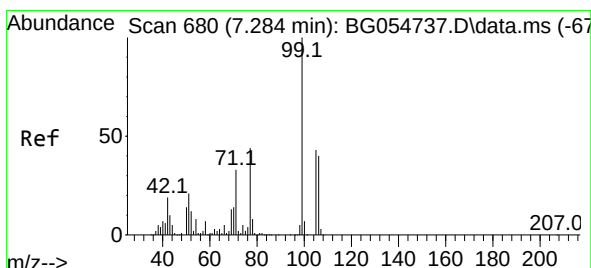
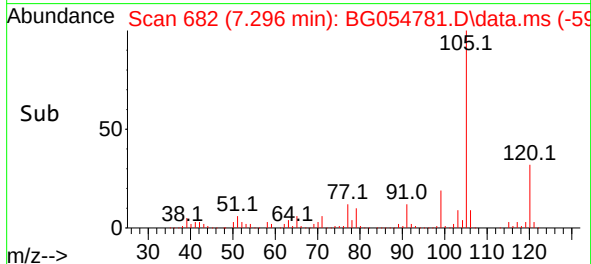
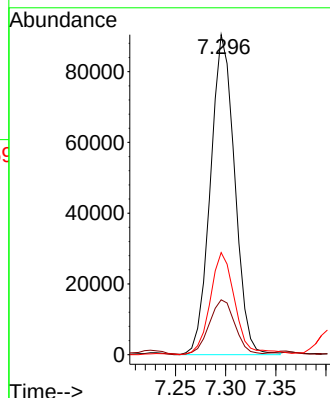
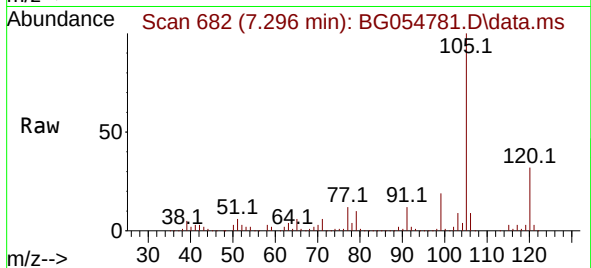




#7
Phenol-d6
Concen: 38.748 ng
RT: 7.296 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

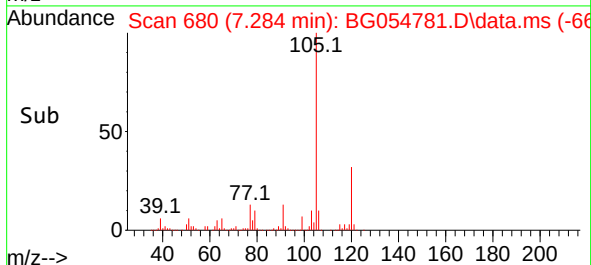
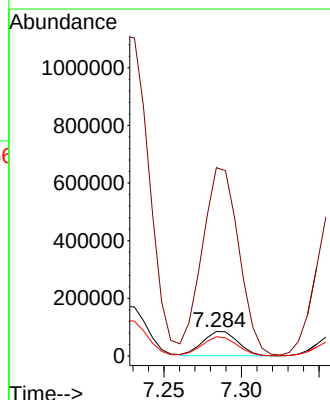
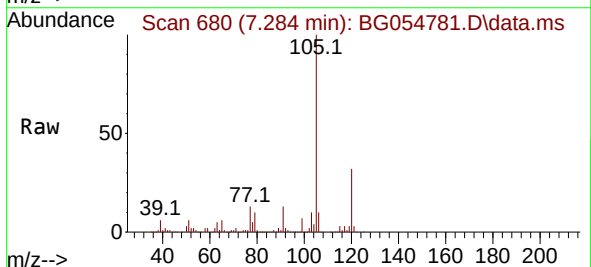
Instrument :
BNA_G
ClientSampleId :
MW-39

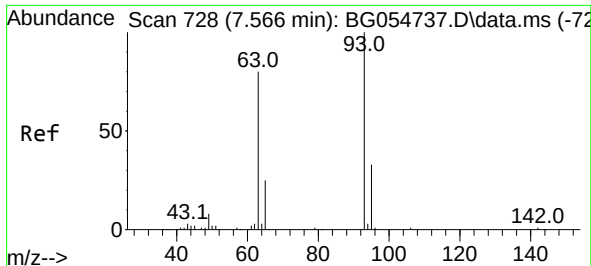
Tgt Ion: 99 Resp: 151978
Ion Ratio Lower Upper
99 100
42 17.1 14.6 22.0
71 31.9 24.6 37.0



#9
Benzaldehyde
Concen: 52.183 ng
RT: 7.284 min Scan# 680
Delta R.T. -0.000 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

Tgt Ion: 77 Resp: 134145
Ion Ratio Lower Upper
77 100
105 771.1 75.3 115.3#
106 78.8 70.2 110.2

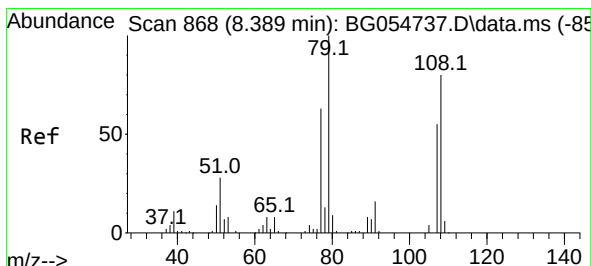
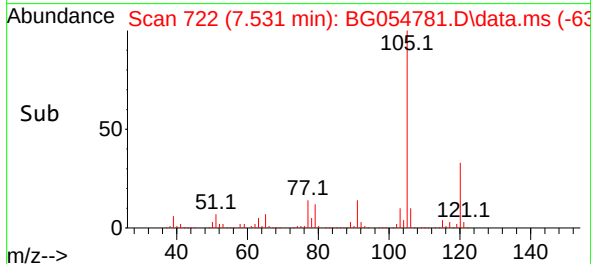
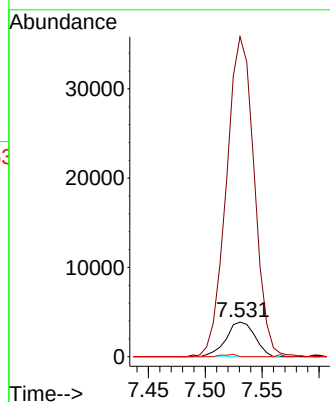
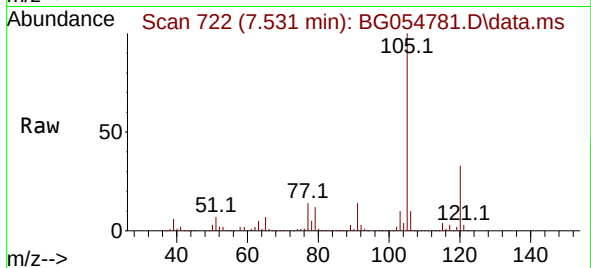




#11
bis(2-Chloroethyl)ether
Concen: 2.124 ng
RT: 7.531 min Scan# 71
Delta R.T. -0.035 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

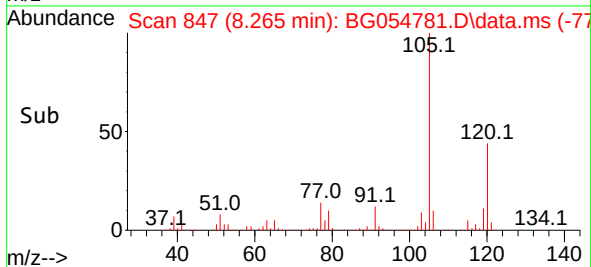
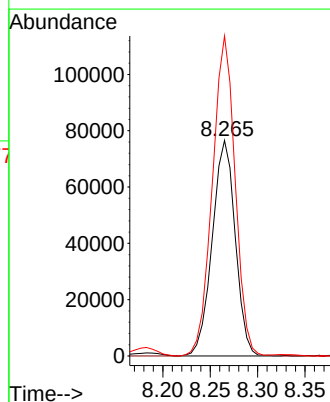
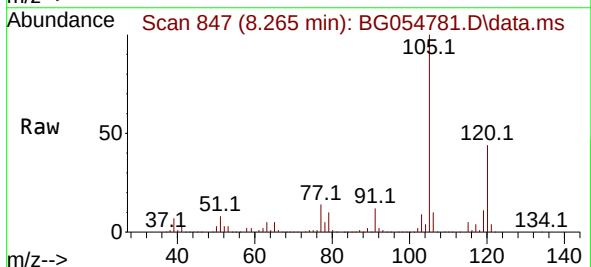
Instrument :
BNA_G
ClientSampleId :
MW-39

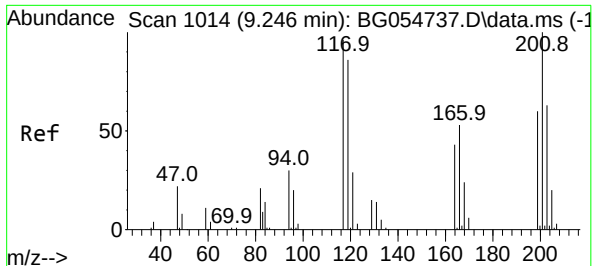
Tgt Ion: 93 Resp: 6891
Ion Ratio Lower Upper
93 100
63 926.5 62.1 102.1#
95 0.0 12.1 52.1#



#15
Benzyl Alcohol
Concen: 45.646 ng
RT: 8.265 min Scan# 847
Delta R.T. -0.124 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

Tgt Ion: 79 Resp: 129340
Ion Ratio Lower Upper
79 100
108 0.0 63.4 95.0#
77 148.5 55.0 82.4#

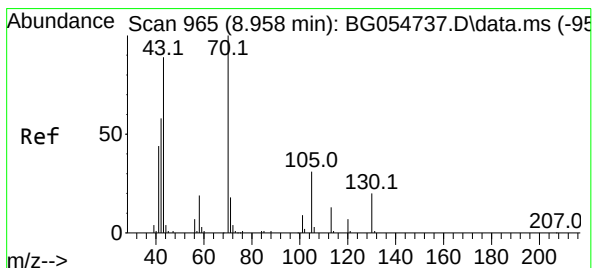
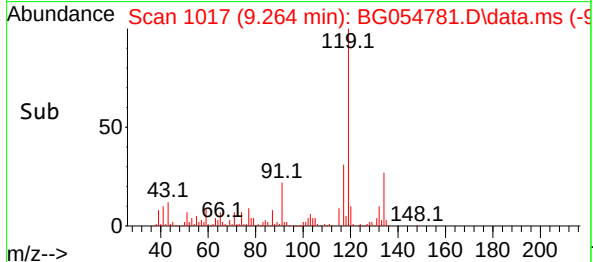
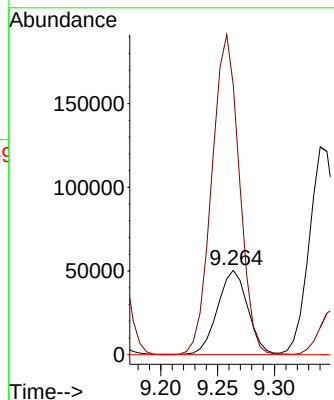
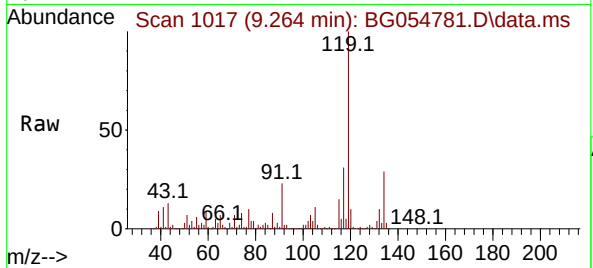




#18
Hexachloroethane
Concen: 70.444 ng
RT: 9.264 min Scan# 1014
Delta R.T. 0.017 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

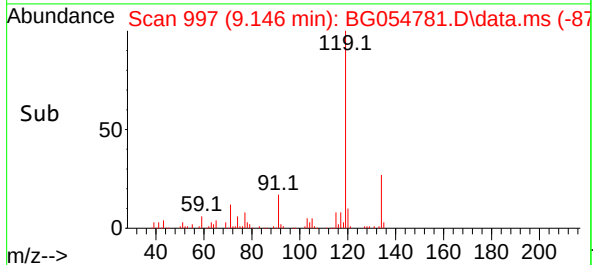
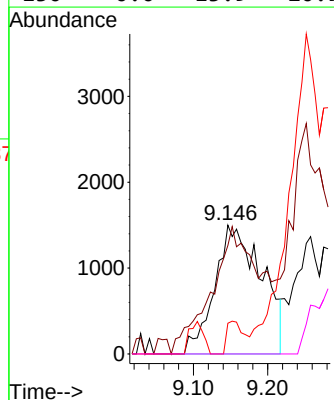
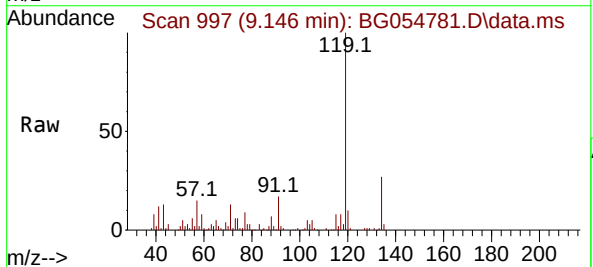
Instrument :
BNA_G
ClientSampleId :
MW-39

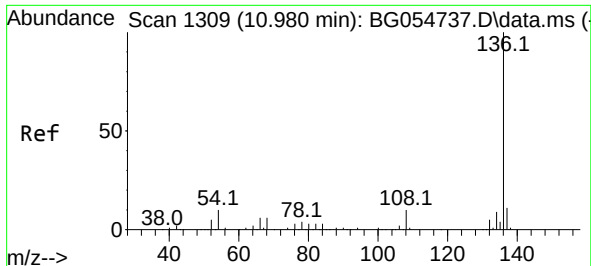
Tgt Ion:117 Resp: 93431
Ion Ratio Lower Upper
117 100
119 318.8 77.0 115.6#
201 0.0 87.2 130.8#



#19
n-Nitroso-di-n-propylamine
Concen: 2.455 ng
RT: 9.146 min Scan# 997
Delta R.T. 0.188 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

Tgt Ion: 70 Resp: 6621
Ion Ratio Lower Upper
70 100
42 84.3 46.6 69.8#
101 23.8 7.7 11.5#
130 0.0 13.9 20.9#

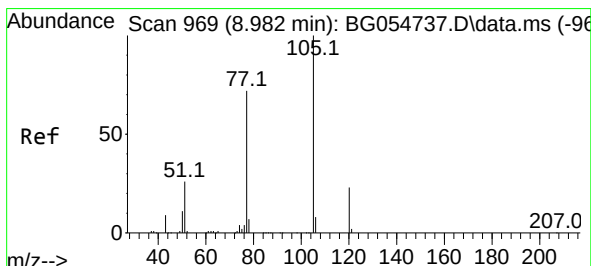
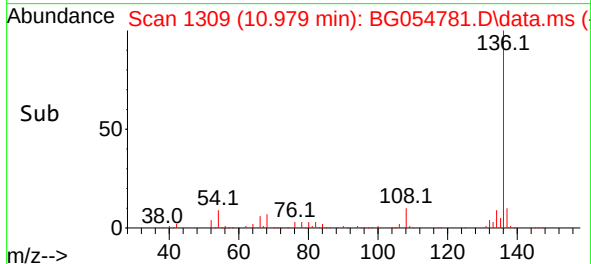
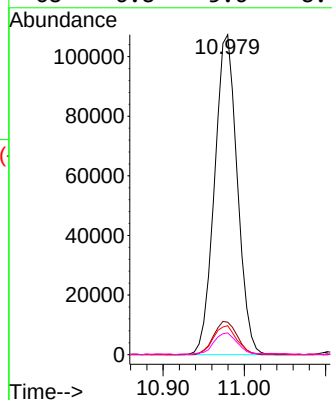
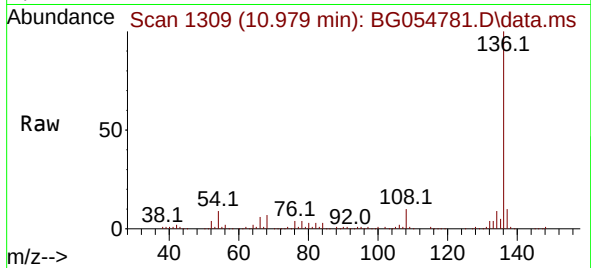




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

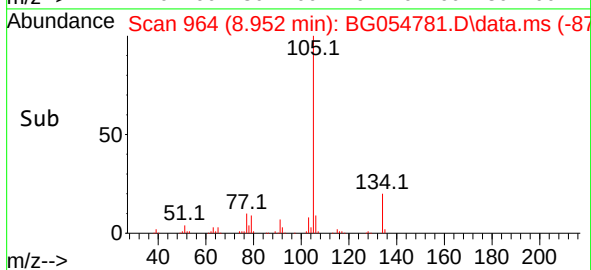
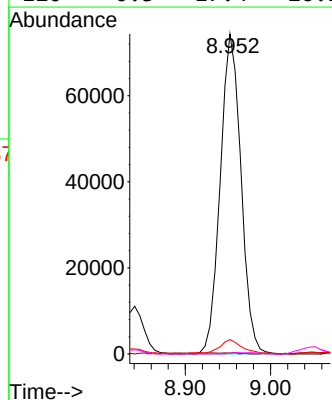
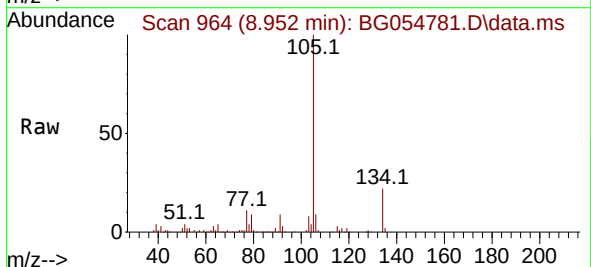
Instrument :
BNA_G
ClientSampleId :
MW-39

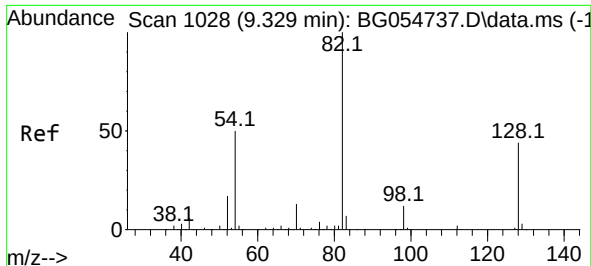
Tgt Ion:	136	Resp:	208560
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	9.1	7.7	11.5
68	6.8	5.6	8.4



#22
Acetophenone
Concen: 24.107 ng
RT: 8.952 min Scan# 964
Delta R.T. -0.030 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

Tgt Ion:	105	Resp:	125783
Ion	Ratio	Lower	Upper
105	100		
71	0.3	1.2	1.8#
51	4.5	22.9	34.3#
120	0.3	17.4	26.2#





#23

Nitrobenzene-d5

Concen: 88.311 ng

RT: 9.323 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BG054781.D

Acq: 29 Aug 2022 21:00

Instrument :

BNA_G

ClientSampleId :

MW-39

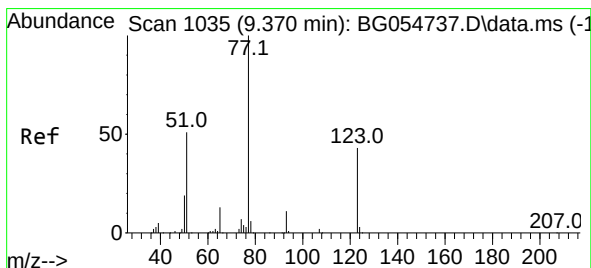
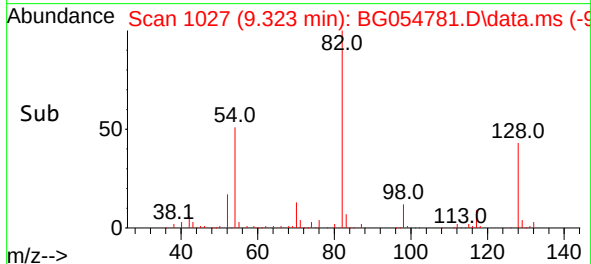
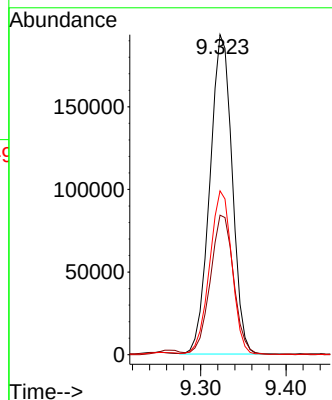
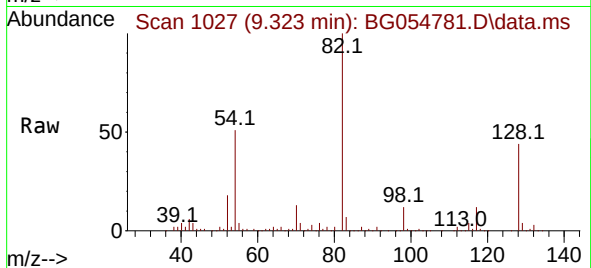
Tgt Ion: 82 Resp: 350847

Ion Ratio Lower Upper

82 100

128 43.6 32.2 48.2

54 51.2 41.4 62.0



#24

Nitrobenzene

Concen: 3.918 ng

RT: 9.346 min Scan# 1031

Delta R.T. -0.024 min

Lab File: BG054781.D

Acq: 29 Aug 2022 21:00

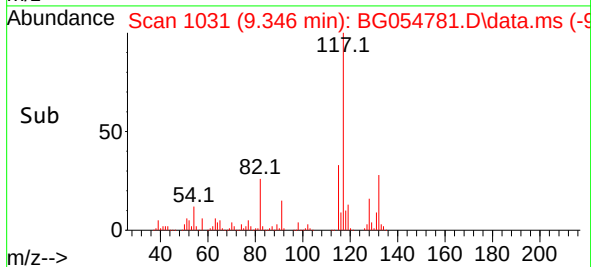
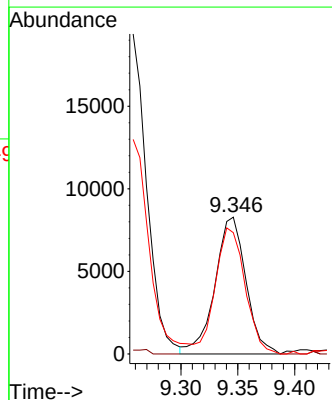
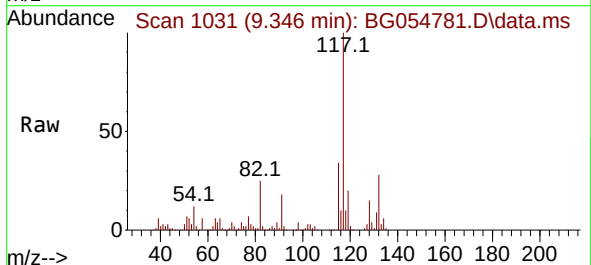
Tgt Ion: 77 Resp: 15691

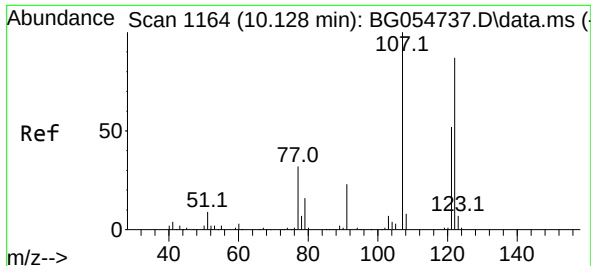
Ion Ratio Lower Upper

77 100

123 0.0 35.0 52.6#

65 88.6 10.2 15.2#





#27

2,4-Dimethylphenol

Concen: 3.951 ng

RT: 10.128 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BG054781.D

Acq: 29 Aug 2022 21:00

Instrument :

BNA_G

ClientSampleId :

MW-39

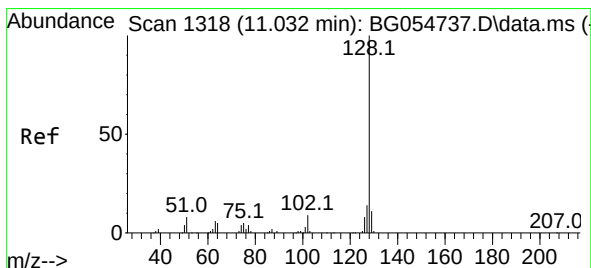
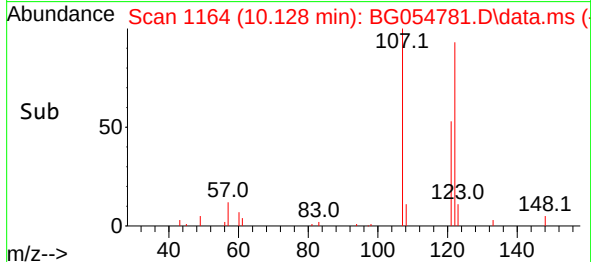
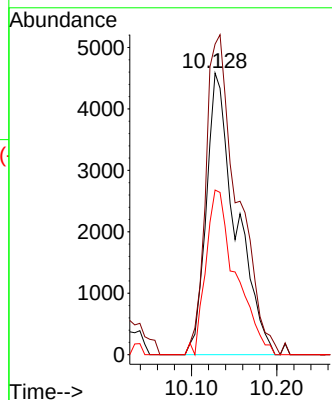
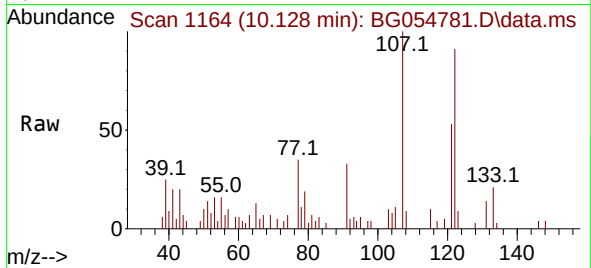
Tgt Ion:122 Resp: 11074

Ion Ratio Lower Upper

122 100

107 110.3 94.6 142.0

121 58.5 49.8 74.6



#31

Naphthalene

Concen: 224.223 ng

RT: 11.032 min Scan# 1318

Delta R.T. -0.000 min

Lab File: BG054781.D

Acq: 29 Aug 2022 21:00

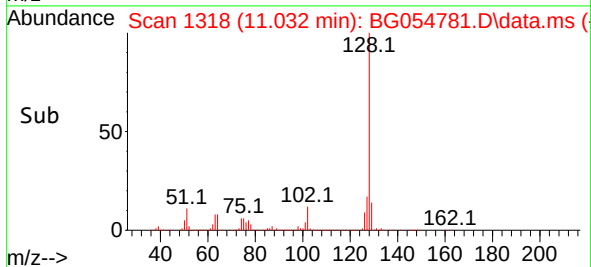
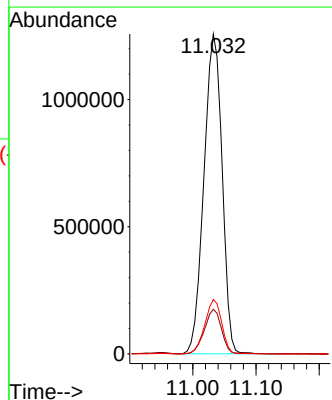
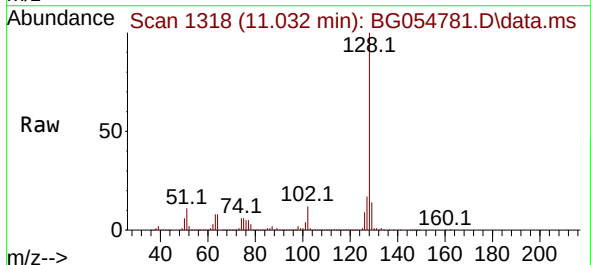
Tgt Ion:128 Resp: 2508994

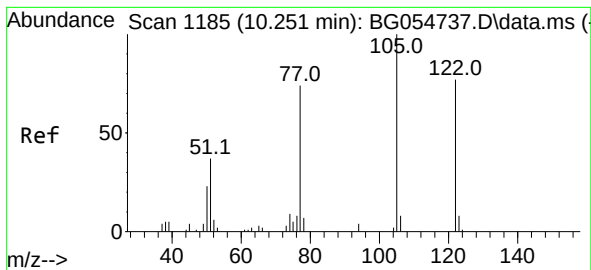
Ion Ratio Lower Upper

128 100

129 14.0 9.0 13.4#

127 17.0 11.1 16.7#





#32

Benzoic acid

Concen: 12.439 ng

RT: 10.128 min Scan# 1185

Delta R.T. -0.123 min

Lab File: BG054781.D

Acq: 29 Aug 2022 21:00

Instrument :

BNA_G

ClientSampleId :

MW-39

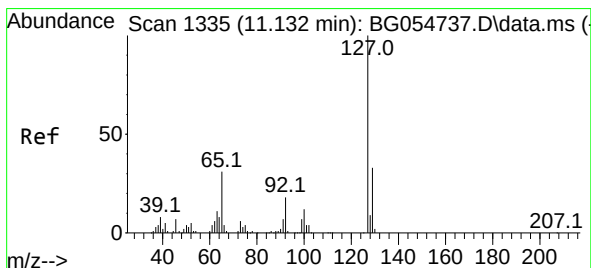
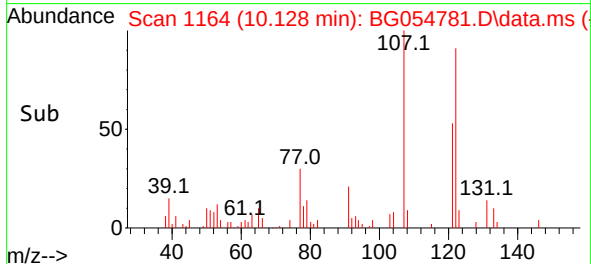
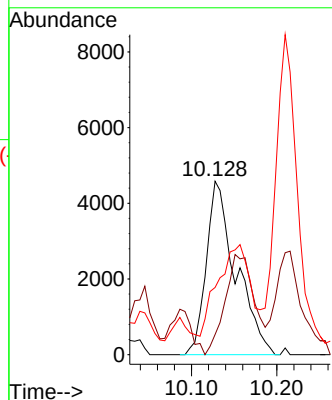
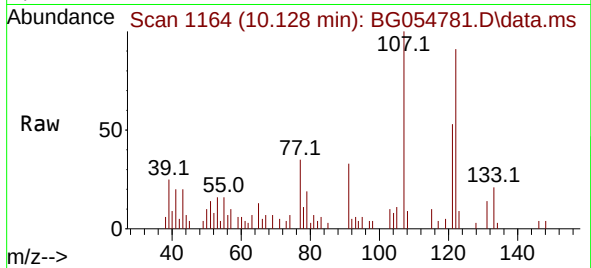
Tgt Ion:122 Resp: 11074

Ion Ratio Lower Upper

122 100

105 11.6 101.5 141.5#

77 38.7 69.3 109.3#



#33

4-Chloroaniline

Concen: 87.360 ng

RT: 11.032 min Scan# 1318

Delta R.T. -0.100 min

Lab File: BG054781.D

Acq: 29 Aug 2022 21:00

Tgt Ion:127 Resp: 398522

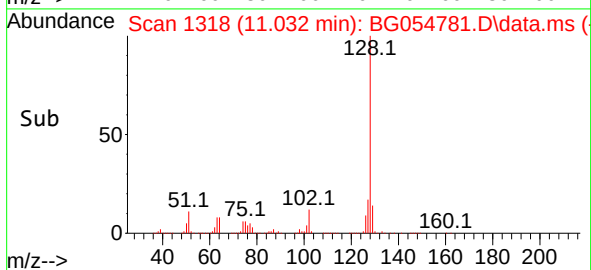
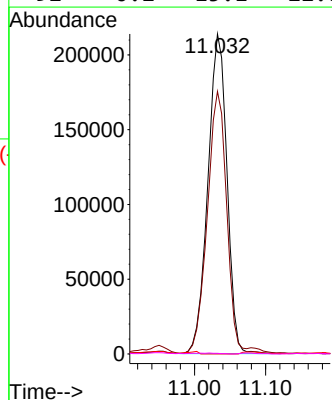
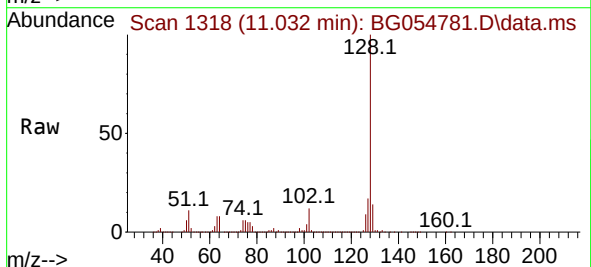
Ion Ratio Lower Upper

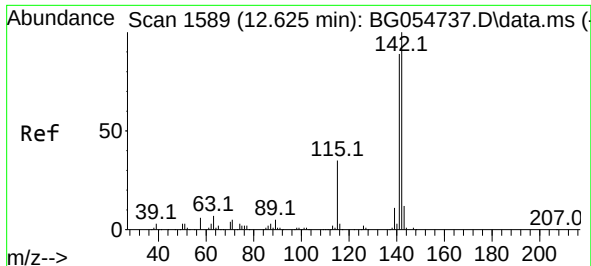
127 100

129 82.1 26.0 39.0#

65 0.0 25.8 38.8#

92 0.2 15.1 22.7#





#37

2-Methylnaphthalene

Concen: 122.805 ng

RT: 12.625 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG054781.D

Acq: 29 Aug 2022 21:00

Instrument :

BNA_G

ClientSampleId :

MW-39

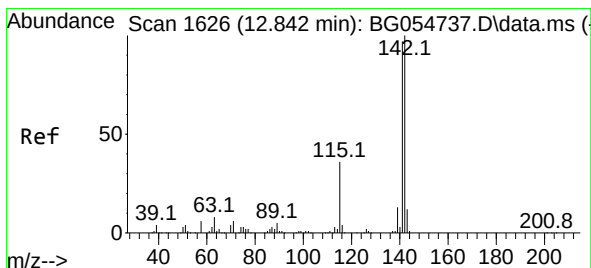
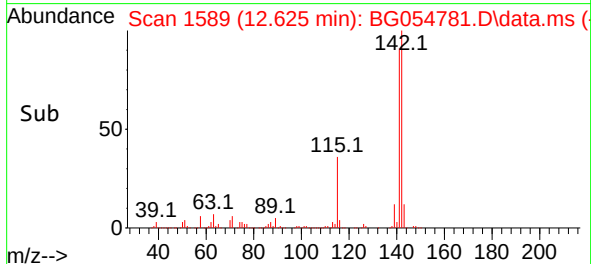
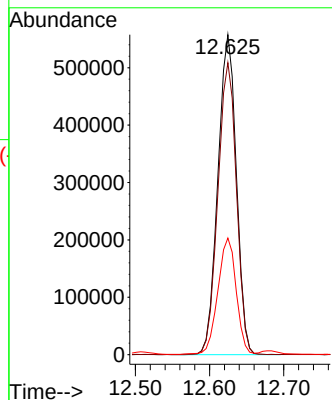
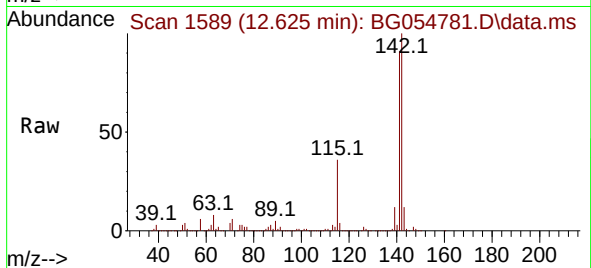
Tgt Ion:142 Resp: 963125

Ion Ratio Lower Upper

142 100

141 91.2 73.0 109.4

115 36.5 27.3 40.9



#38

1-Methylnaphthalene

Concen: 126.222 ng

RT: 12.625 min Scan# 1589

Delta R.T. -0.218 min

Lab File: BG054781.D

Acq: 29 Aug 2022 21:00

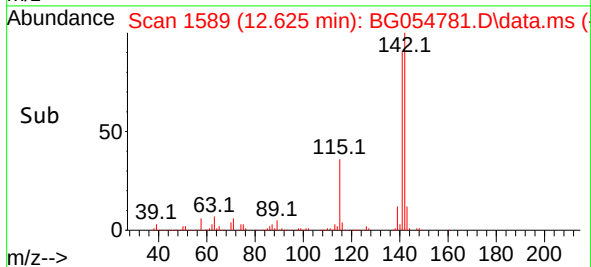
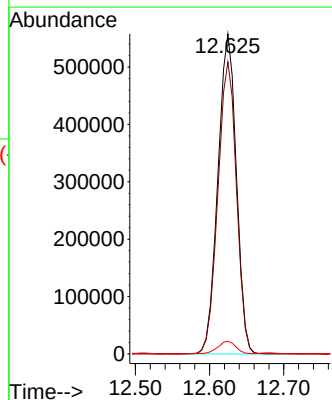
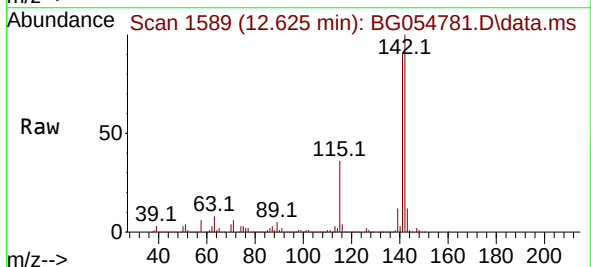
Tgt Ion:142 Resp: 963125

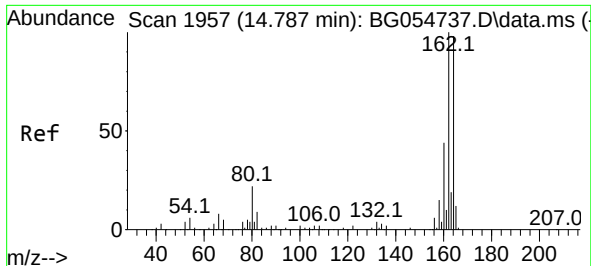
Ion Ratio Lower Upper

142 100

141 91.2 77.4 116.0

116 4.0 3.0 4.4

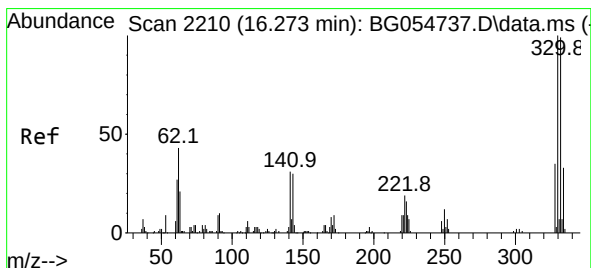
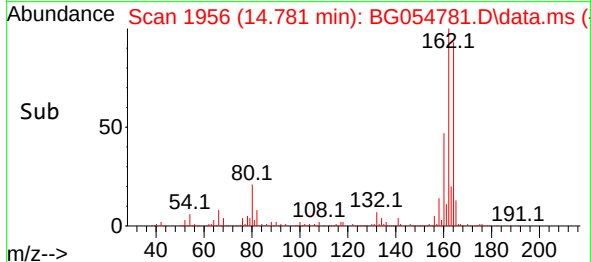
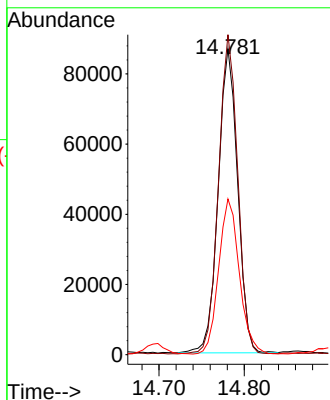
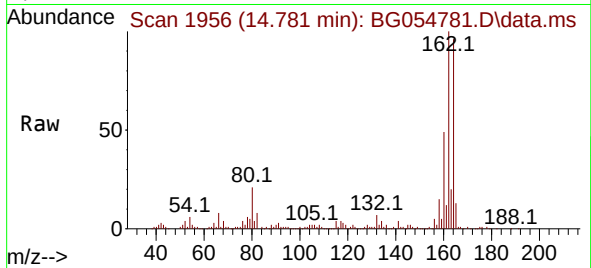




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

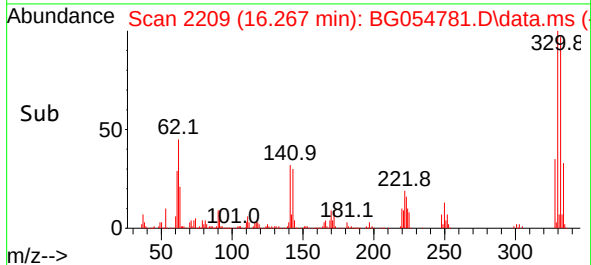
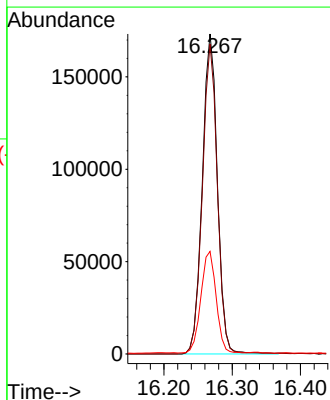
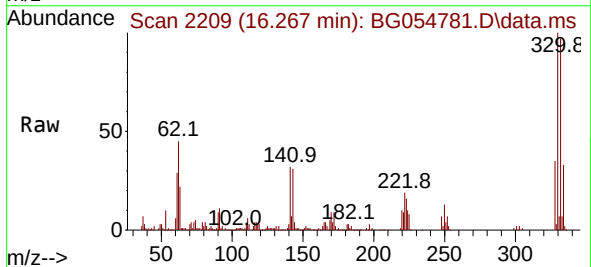
Instrument :
BNA_G
ClientSampleId :
MW-39

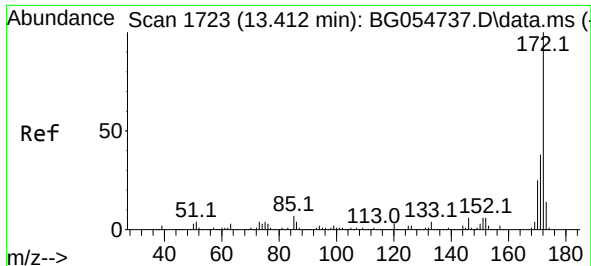
Tgt Ion:164 Resp: 137594
Ion Ratio Lower Upper
164 100
162 104.5 83.0 124.4
160 50.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 154.915 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

Tgt Ion:330 Resp: 266349
Ion Ratio Lower Upper
330 100
332 96.1 79.8 119.6
141 32.0 26.8 40.2

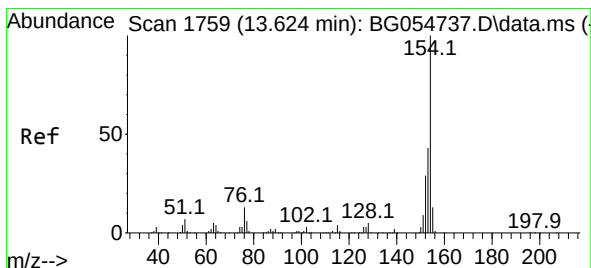
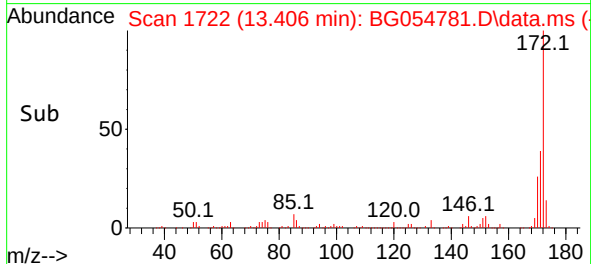
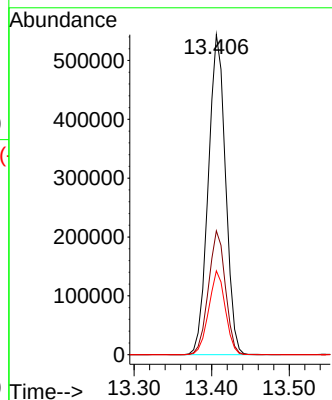
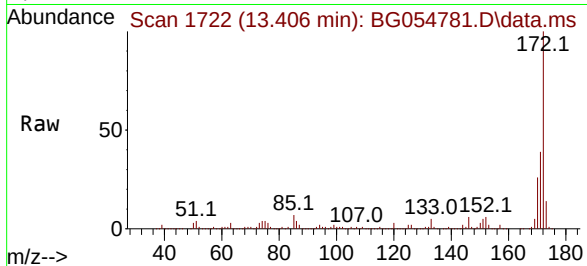




#45
2-Fluorobiphenyl
Concen: 91.602 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

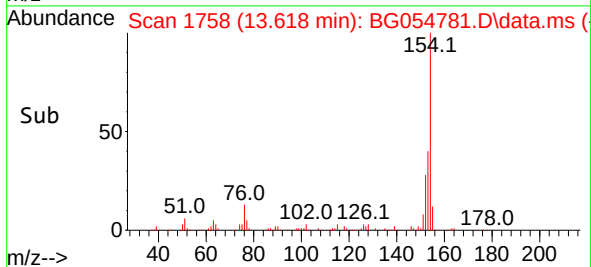
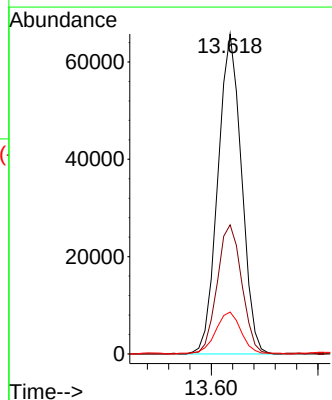
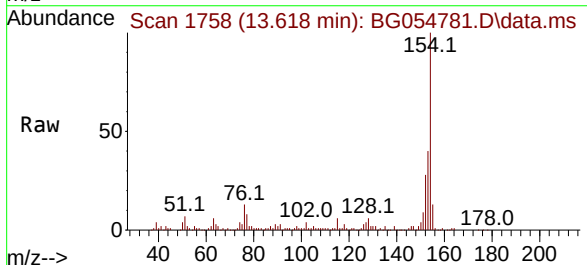
Instrument :
BNA_G
ClientSampleId :
MW-39

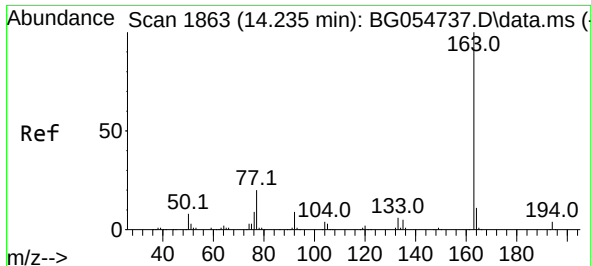
Tgt Ion:172 Resp: 838574
Ion Ratio Lower Upper
172 100
171 38.7 31.2 46.8
170 26.2 20.6 30.8



#46
1,1'-Biphenyl
Concen: 9.892 ng
RT: 13.618 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

Tgt Ion:154 Resp: 101077
Ion Ratio Lower Upper
154 100
153 40.3 22.2 62.2
76 13.1 0.0 34.0

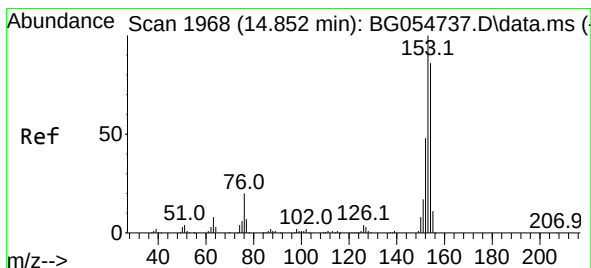
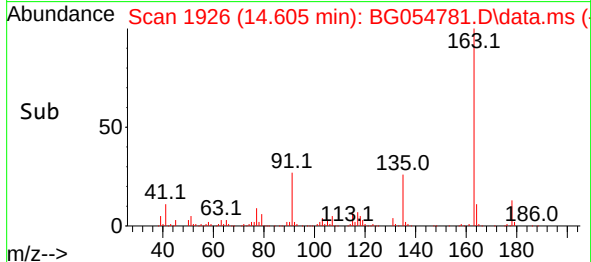
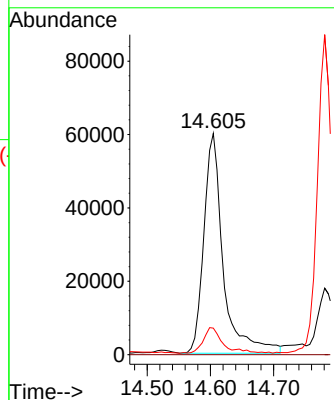
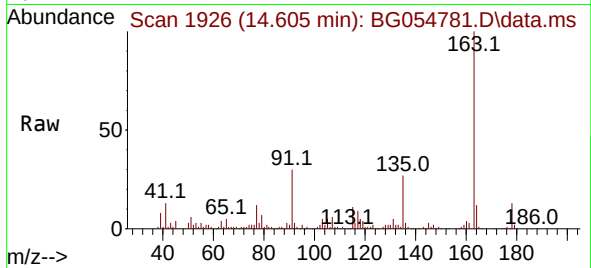




#50
Dimethylphthalate
Concen: 12.041 ng
RT: 14.605 min Scan# 1926
Delta R.T. 0.370 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

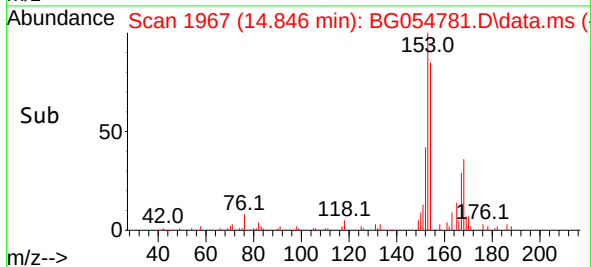
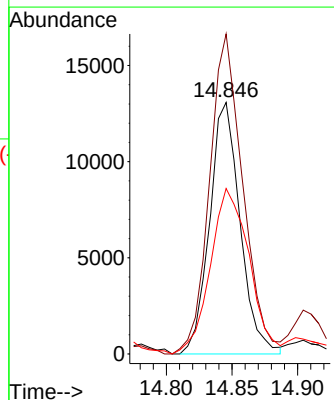
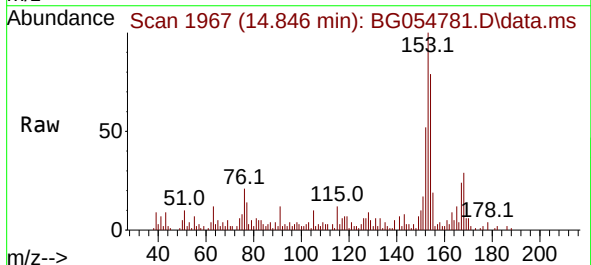
Instrument :
BNA_G
ClientSampleId :
MW-39

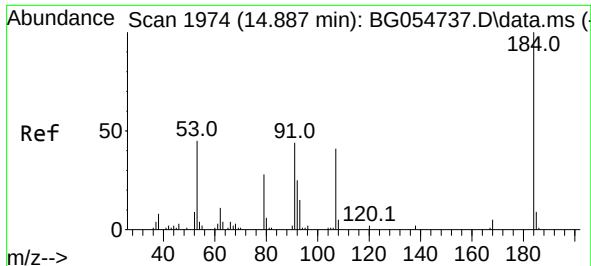
Tgt Ion:163 Resp: 127643
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 12.0 8.0 12.0



#52
Acenaphthene
Concen: 2.570 ng
RT: 14.846 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

Tgt Ion:154 Resp: 21139
Ion Ratio Lower Upper
154 100
153 127.2 92.8 139.2
152 65.8 45.4 68.2

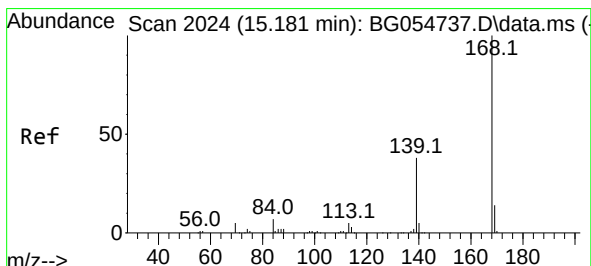
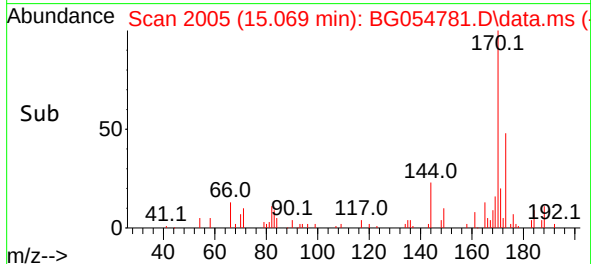
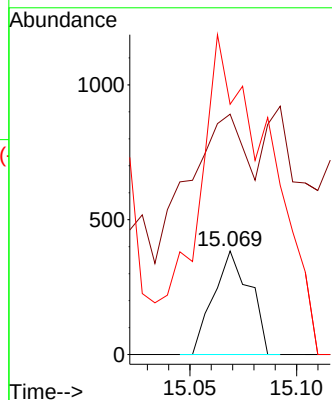
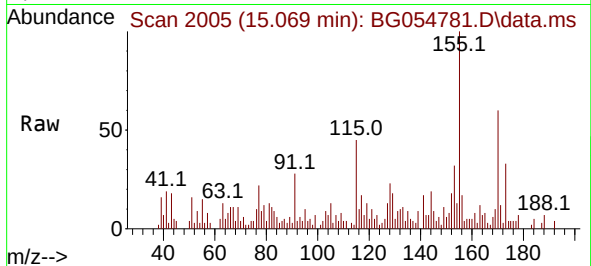




#54
2,4-Dinitrophenol
Concen: 7.040 ng
RT: 15.069 min Scan# 20
Delta R.T. 0.182 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

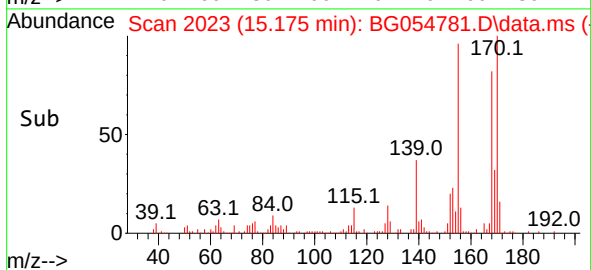
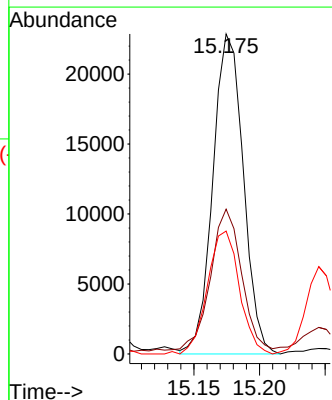
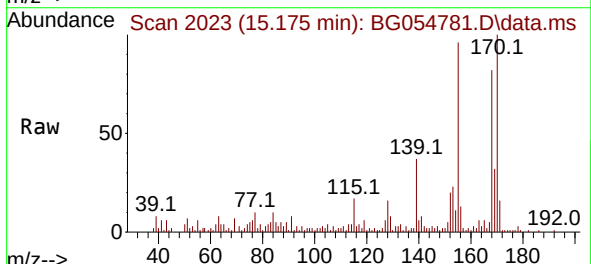
Instrument :
BNA_G
ClientSampleId :
MW-39

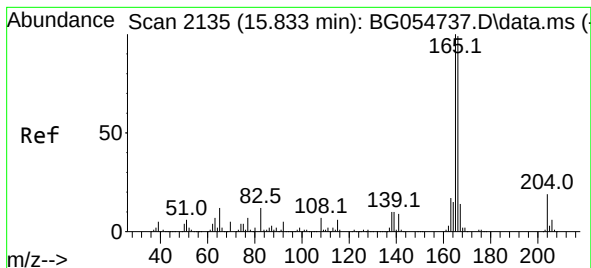
Tgt Ion:184 Resp: 455
Ion Ratio Lower Upper
184 100
63 232.0 41.8 62.8#
154 241.7 45.2 67.8#



#55
Dibenzofuran
Concen: 3.051 ng
RT: 15.175 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

Tgt Ion:168 Resp: 36882
Ion Ratio Lower Upper
168 100
139 45.3 30.2 45.2#
169 38.4 11.3 16.9#





#58

Fluorene

Concen: 4.495 ng

RT: 15.827 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BG054781.D

Acq: 29 Aug 2022 21:00

Instrument :

BNA_G

ClientSampleId :

MW-39

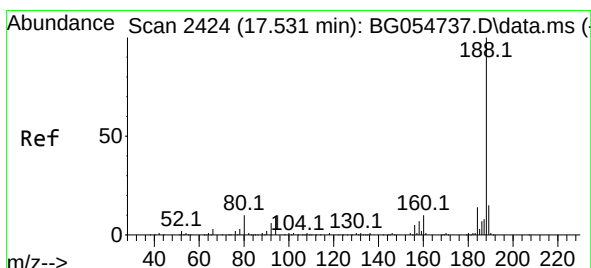
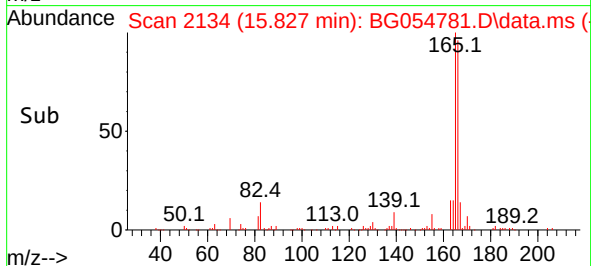
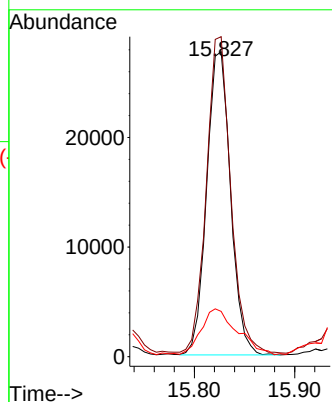
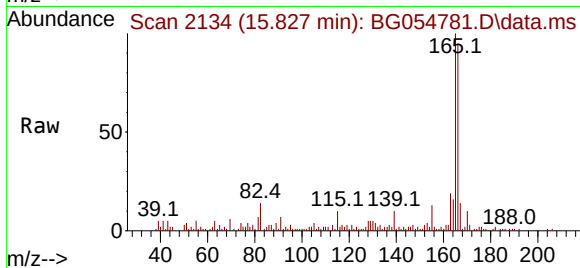
Tgt Ion:166 Resp: 45768

Ion Ratio Lower Upper

166 100

165 104.9 80.8 121.2

167 14.8 11.4 17.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.525 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BG054781.D

Acq: 29 Aug 2022 21:00

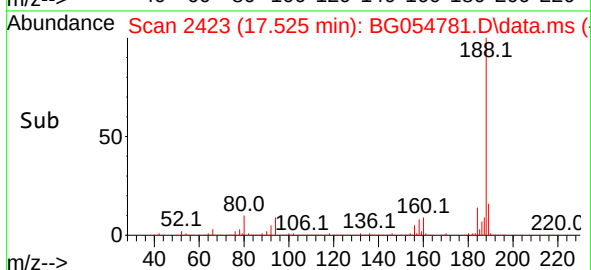
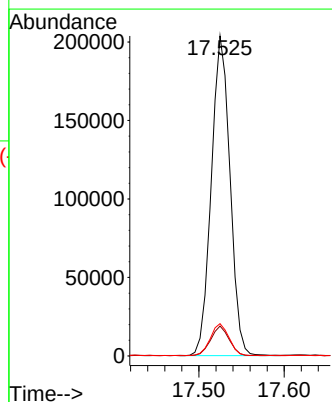
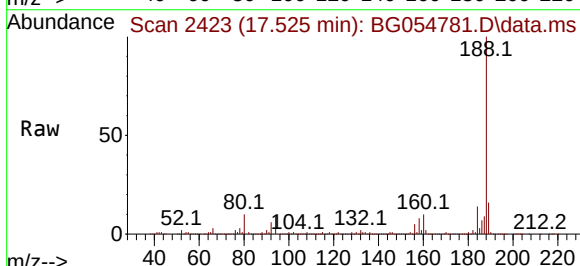
Tgt Ion:188 Resp: 310274

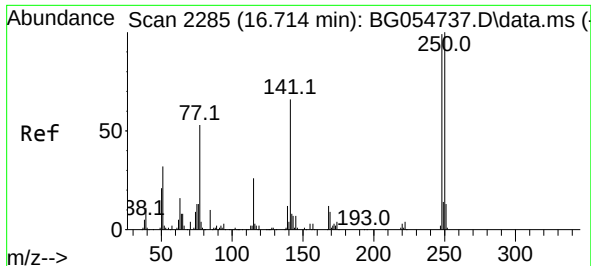
Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

80 10.1 7.9 11.9

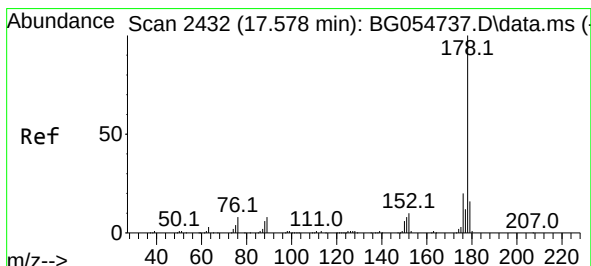
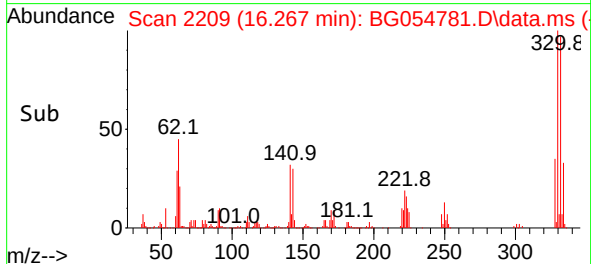
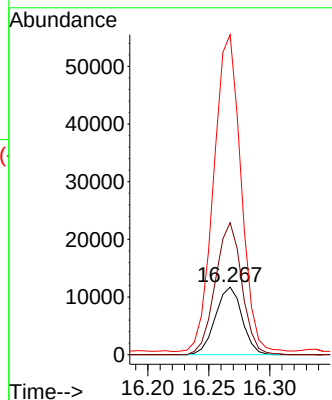
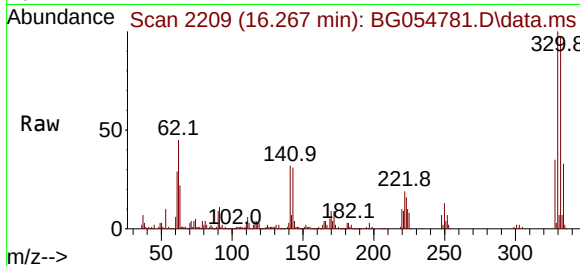




#67
4-Bromophenyl-phenylether
Concen: 5.220 ng
RT: 16.267 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

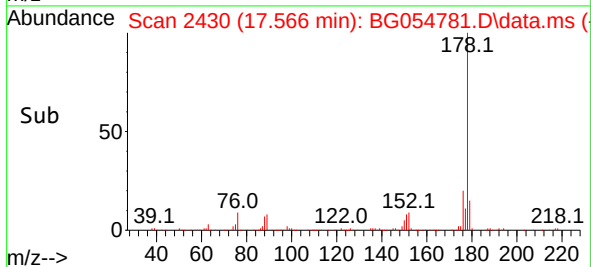
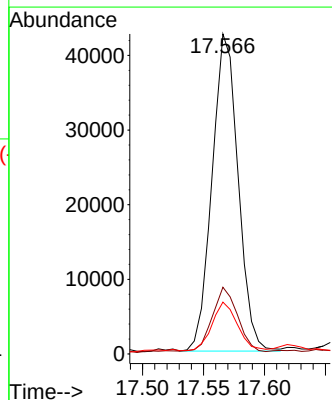
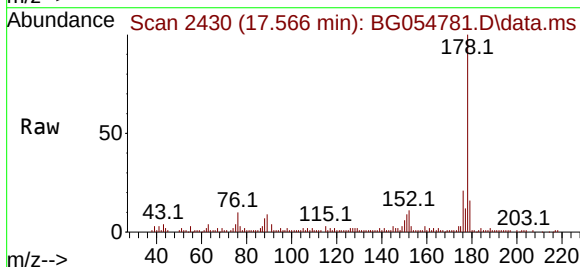
Instrument :
BNA_G
ClientSampleId :
MW-39

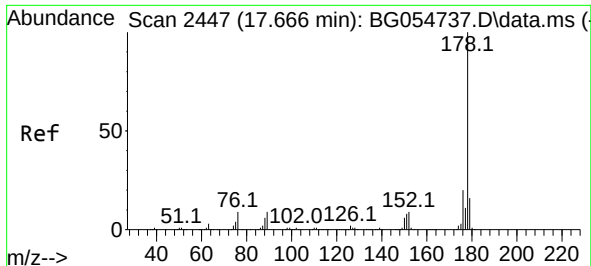
Tgt Ion:248 Resp: 17783
Ion Ratio Lower Upper
248 100
250 195.4 78.8 118.2#
141 473.8 51.9 77.9#



#71
Phenanthrene
Concen: 3.831 ng
RT: 17.566 min Scan# 2430
Delta R.T. -0.012 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

Tgt Ion:178 Resp: 63320
Ion Ratio Lower Upper
178 100
176 20.9 16.6 25.0
179 16.2 12.8 19.2

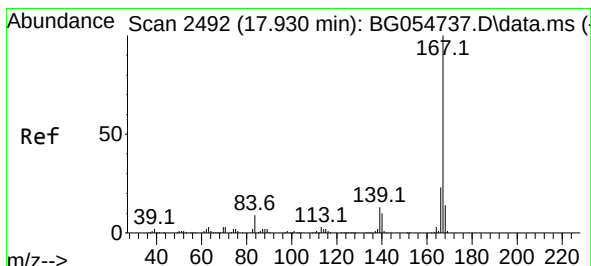
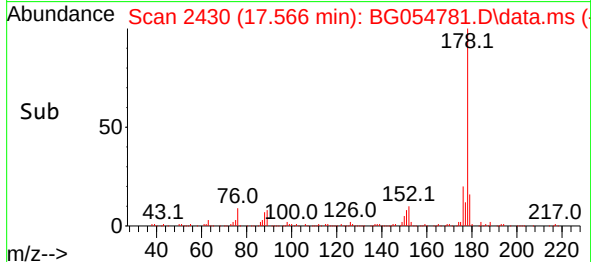
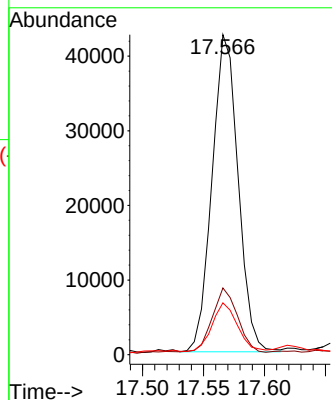
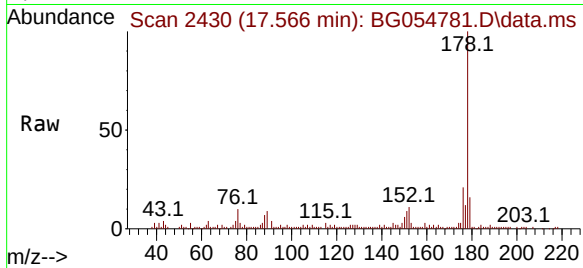




#72
 Anthracene
 Concen: 3.940 ng
 RT: 17.566 min Scan# 2447
 Delta R.T. -0.100 min
 Lab File: BG054781.D
 Acq: 29 Aug 2022 21:00

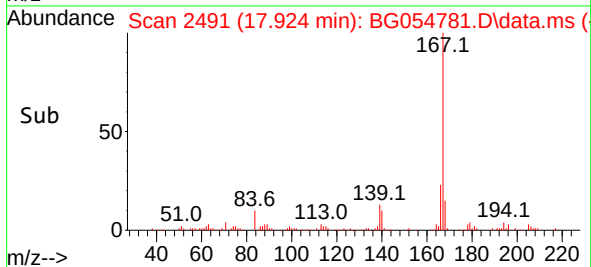
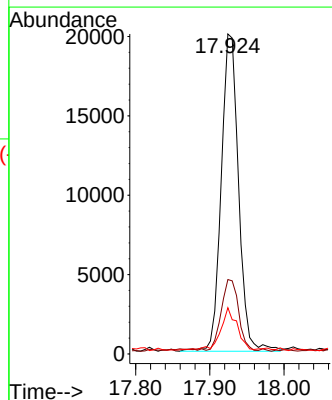
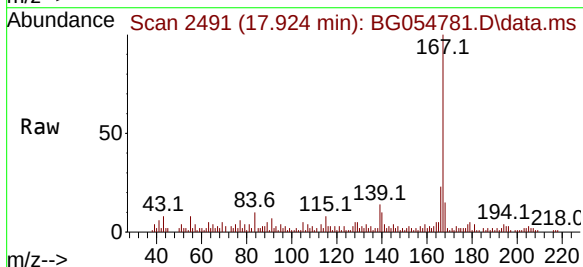
Instrument :
 BNA_G
 ClientSampleId :
 MW-39

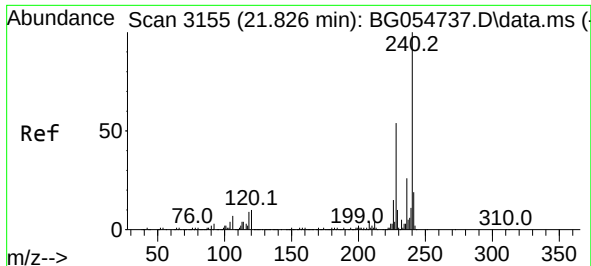
Tgt Ion:178 Resp: 63320
 Ion Ratio Lower Upper
 178 100
 176 20.9 16.2 24.4
 179 16.2 12.9 19.3



#73
 Carbazole
 Concen: 2.197 ng
 RT: 17.924 min Scan# 2491
 Delta R.T. -0.006 min
 Lab File: BG054781.D
 Acq: 29 Aug 2022 21:00

Tgt Ion:167 Resp: 32531
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.8 28.2
 139 14.5 10.2 15.4

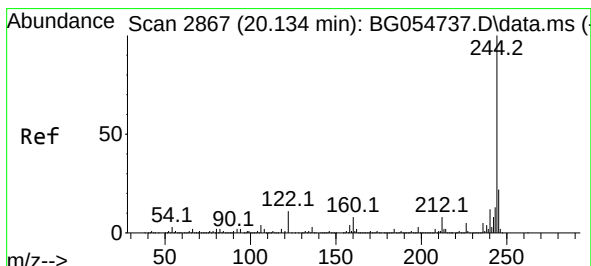
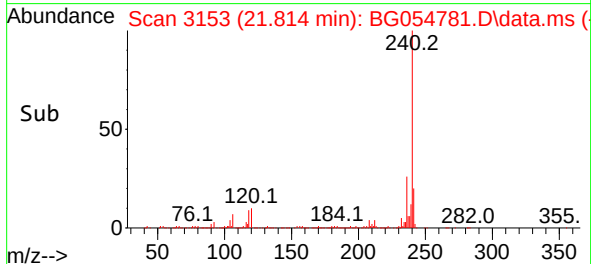
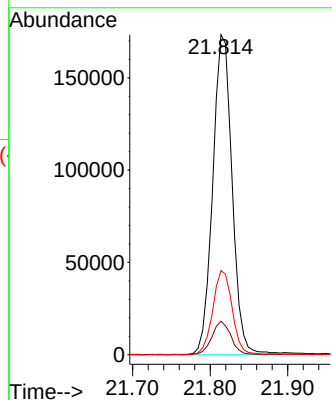
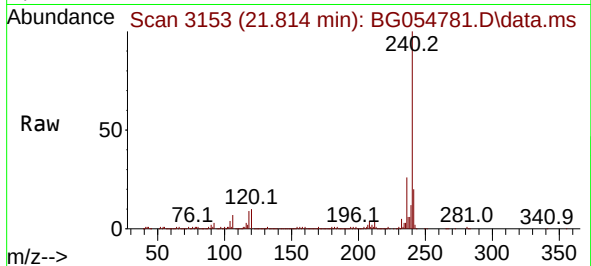




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.814 min Scan# 3153
Delta R.T. -0.012 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

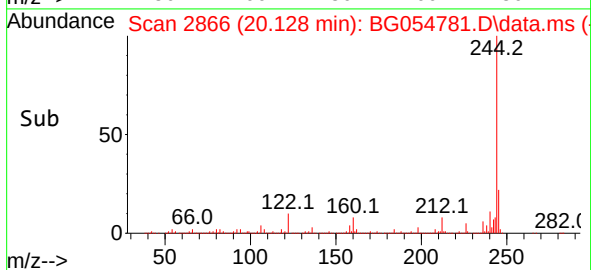
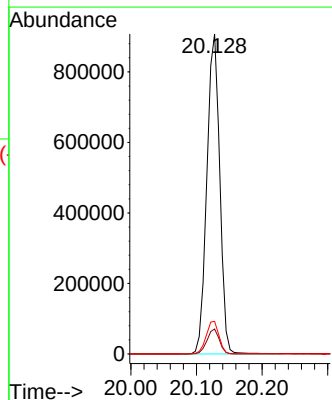
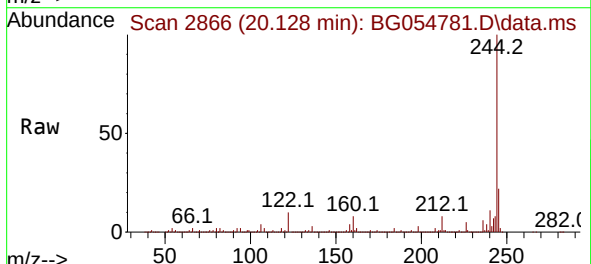
Instrument :
BNA_G
ClientSampleId :
MW-39

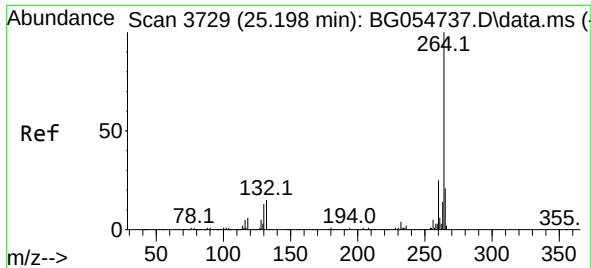
Tgt Ion:240 Resp: 300886
Ion Ratio Lower Upper
240 100
120 10.4 8.2 12.4
236 26.3 21.2 31.8



#79
Terphenyl-d14
Concen: 81.777 ng
RT: 20.128 min Scan# 2866
Delta R.T. -0.006 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

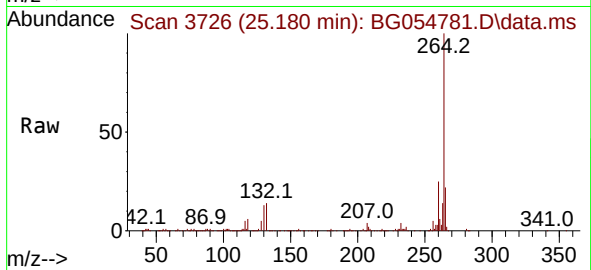
Tgt Ion:244 Resp: 1241833
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 10.2 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.180 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BG054781.D
 Acq: 29 Aug 2022 21:00

Instrument :
 BNA_G
 ClientSampleId :
 MW-39



Tgt Ion:264 Resp: 319861
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.9 29.9
 265 21.6 16.9 25.3

