

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062723\
 Data File : BG057876.D
 Acq On : 27 Jun 2023 21:21
 Operator : CG/JU
 Sample : 03339-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-08

Quant Time: Jun 28 02:39:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

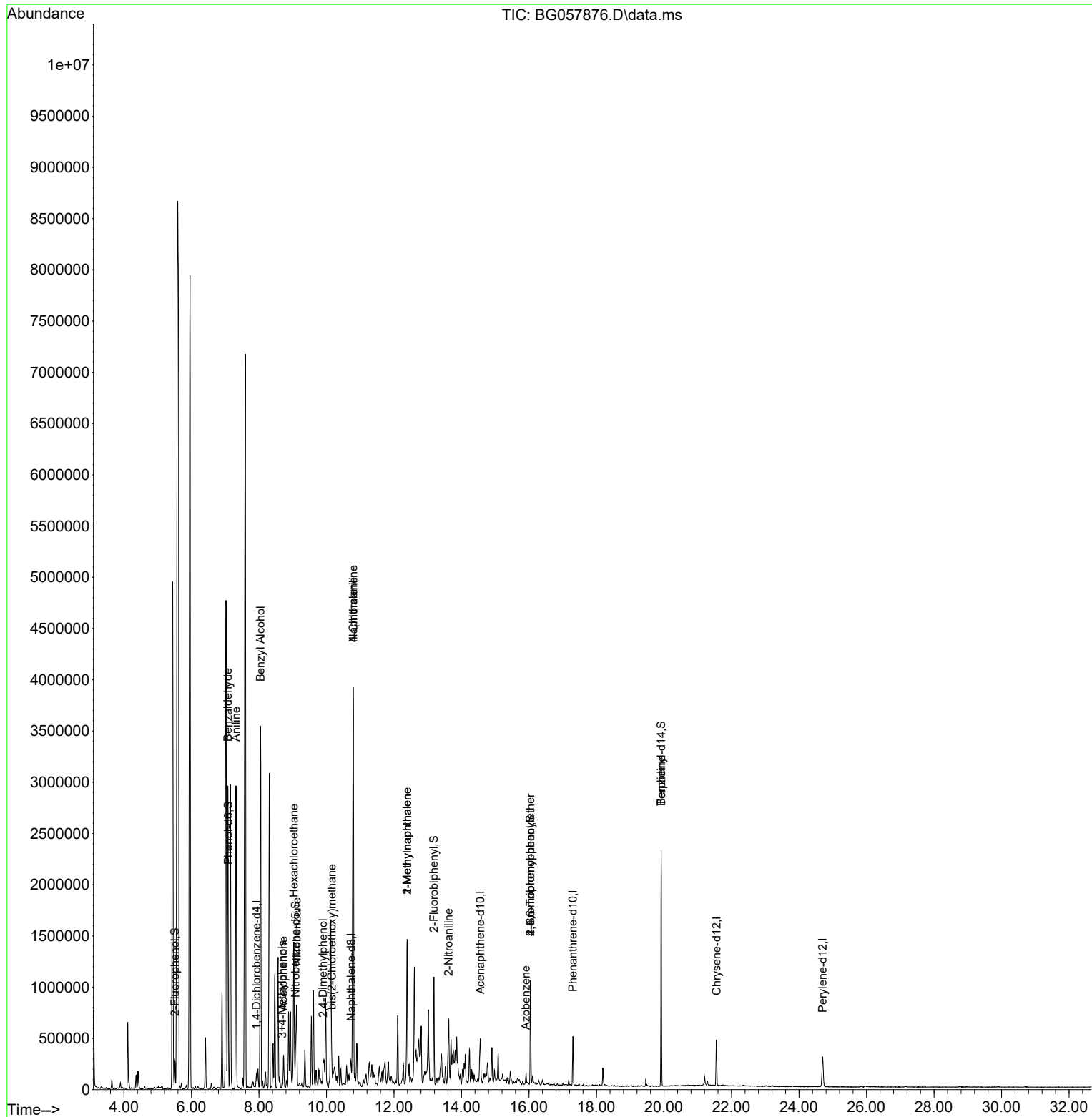
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	34955	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	154970	20.000	ng	0.00
39) Acenaphthene-d10	14.556	164	128030	20.000	ng	0.00
64) Phenanthrene-d10	17.300	188	293313	20.000	ng	0.00
76) Chrysene-d12	21.554	240	259726	20.000	ng	0.00
86) Perylene-d12	24.697	264	310771	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	123155	53.906	ng	0.01
7) Phenol-d6	7.089	99	106570	31.194	ng	0.00
23) Nitrobenzene-d5	9.086	82	235020	74.323	ng	0.00
42) 2,4,6-Tribromophenol	16.043	330	217473	101.132	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	550010	65.558	ng	0.00
79) Terphenyl-d14	19.915	244	1164306	81.726	ng	0.00
Target Compounds						
6) Aniline	7.318	93	10488	2.457	ng	# 1
9) Benzaldehyde	7.077	77	222891	147.348	ng	# 1
15) Benzyl Alcohol	8.046	79	208727	82.925	ng	# 5
18) Hexachloroethane	9.033	117	163877	198.475	ng	# 1
20) 3+4-Methylphenols	8.687	107	27681	8.072	ng	91
22) Acetophenone	8.728	105	250835	58.159	ng	# 59
24) Nitrobenzene	9.116	77	26157	8.241	ng	# 1
27) 2,4-Dimethylphenol	9.897	122	67017	26.875	ng	98
28) bis(2-Chloroethoxy)met...	10.156	93	10641	2.900	ng	# 85
31) Naphthalene	10.790	128	3328021	402.310	ng	# 92
33) 4-Chloroaniline	10.790	127	501131	128.757	ng	# 32
37) 2-Methylnaphthalene	12.388	142	659800	108.201	ng	99
38) 1-Methylnaphthalene	12.388	142	659800	114.507	ng	96
48) 2-Nitroaniline	13.616	65	26901	10.081	ng	# 31
63) Azobenzene	15.908	77	24352	2.381	ng	# 1
67) 4-Bromophenyl-phenylether	16.043	248	13461	4.348	ng	# 1
77) Benzidine	19.915	184	15493	2.543	ng	97

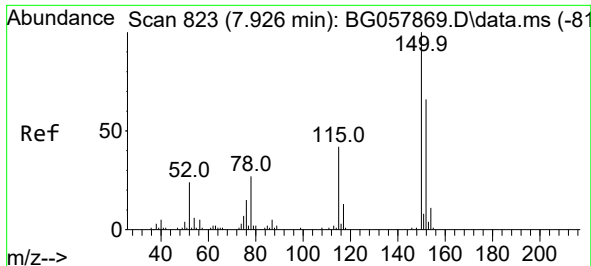
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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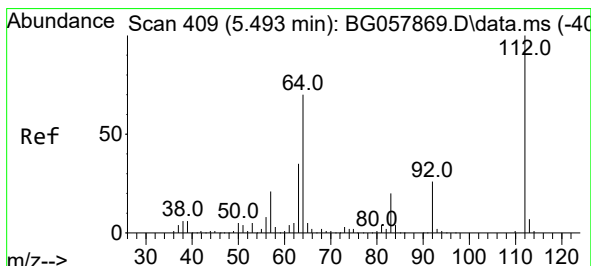
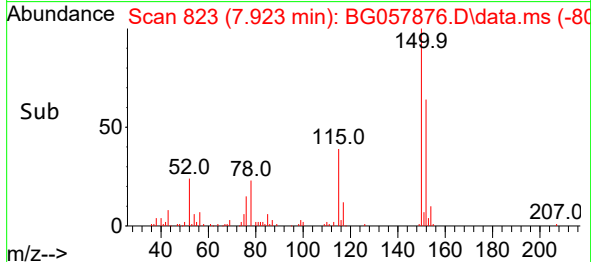
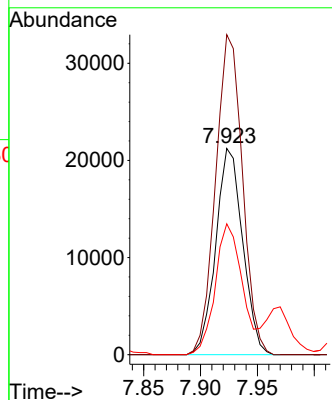
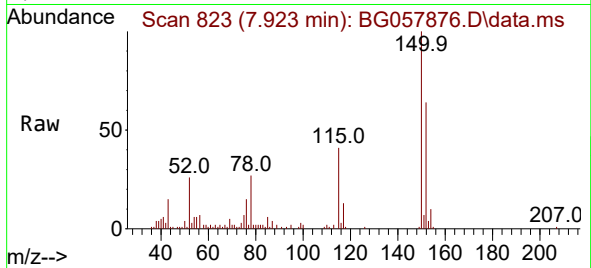




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

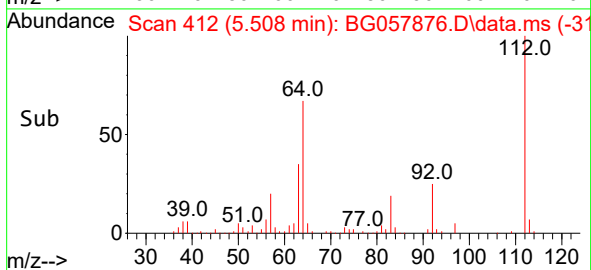
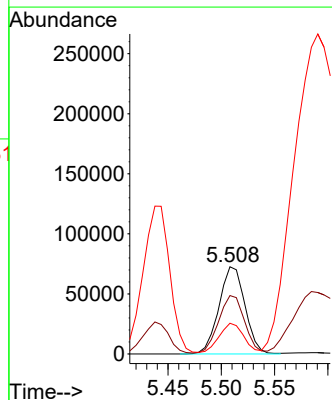
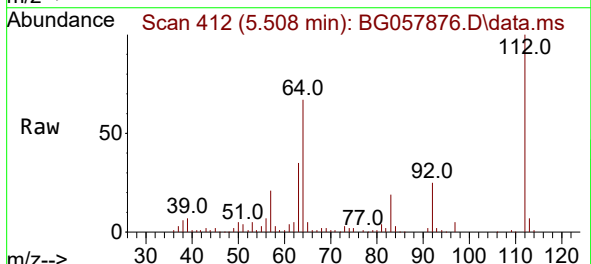
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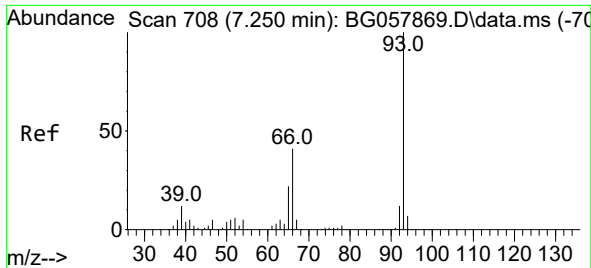
Tgt Ion:152 Resp: 34955
Ion Ratio Lower Upper
152 100
150 155.1 122.0 183.0
115 63.4 50.7 76.1



#5
2-Fluorophenol
Concen: 53.906 ng
RT: 5.508 min Scan# 412
Delta R.T. 0.015 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

Tgt Ion:112 Resp: 123155
Ion Ratio Lower Upper
112 100
64 67.0 55.8 83.6
63 35.2 27.9 41.9





#6

Aniline

Concen: 2.457 ng

RT: 7.318 min Scan# 708

Delta R.T. 0.068 min

Lab File: BG057876.D

Acq: 27 Jun 2023 21:21

Instrument :

BNA_G

ClientSampleId :

MW-08

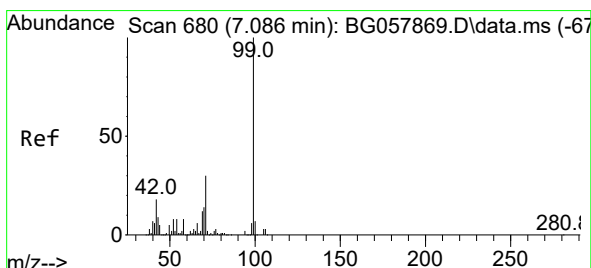
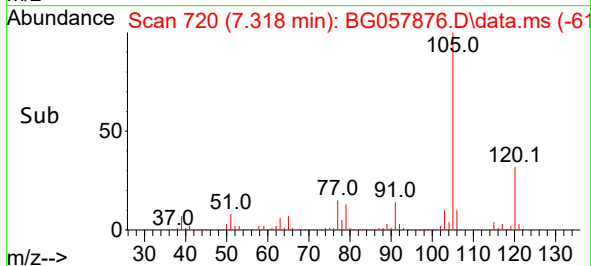
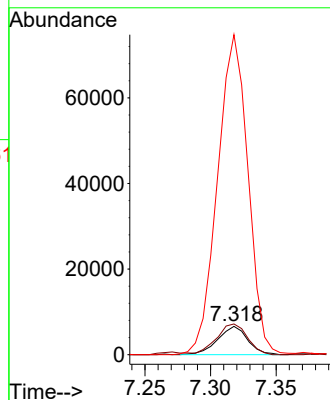
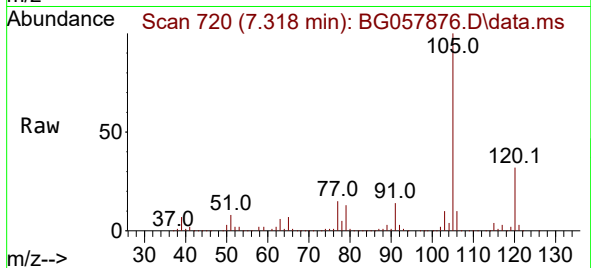
Tgt Ion: 93 Resp: 10488

Ion Ratio Lower Upper

93 100

66 108.5 32.8 49.2#

65 1128.3 17.7 26.5#



#7

Phenol-d6

Concen: 31.194 ng

RT: 7.089 min Scan# 681

Delta R.T. 0.003 min

Lab File: BG057876.D

Acq: 27 Jun 2023 21:21

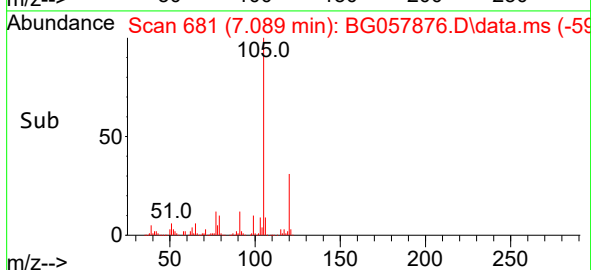
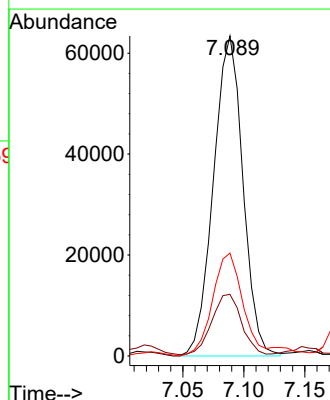
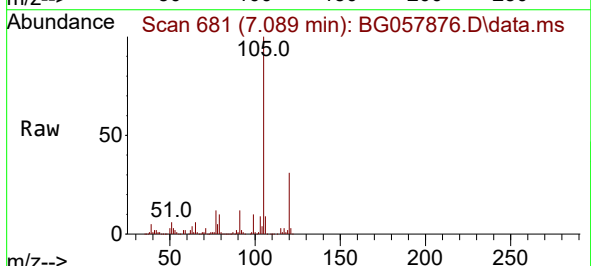
Tgt Ion: 99 Resp: 106570

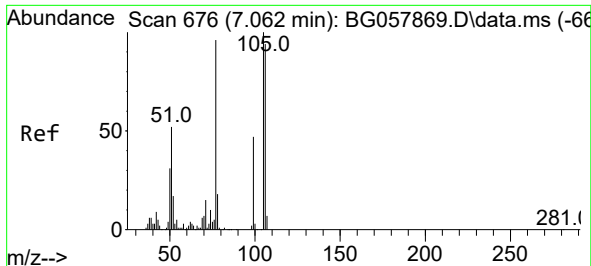
Ion Ratio Lower Upper

99 100

42 19.3 14.2 21.4

71 32.1 23.9 35.9

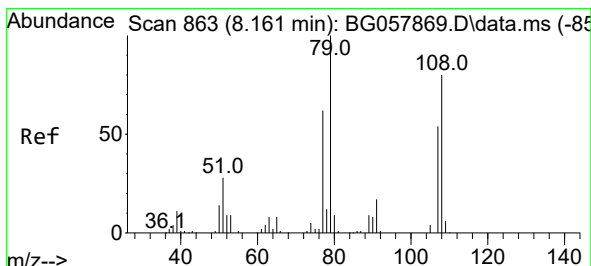
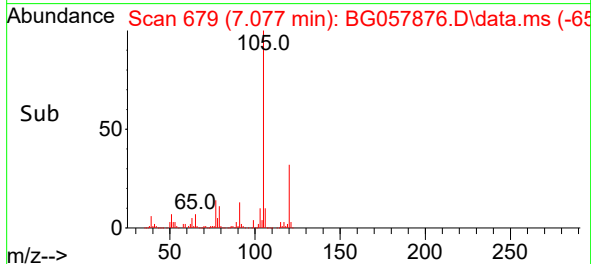
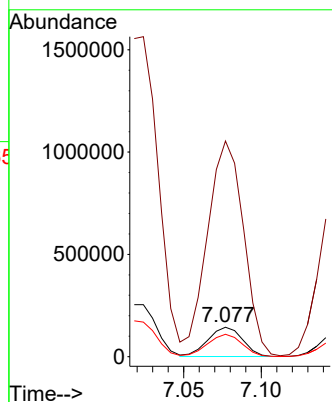
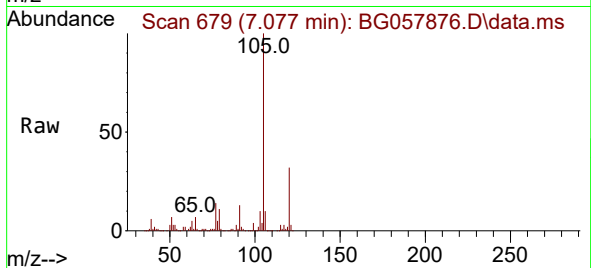




#9
Benzaldehyde
Concen: 147.348 ng
RT: 7.077 min Scan# 61
Delta R.T. 0.015 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

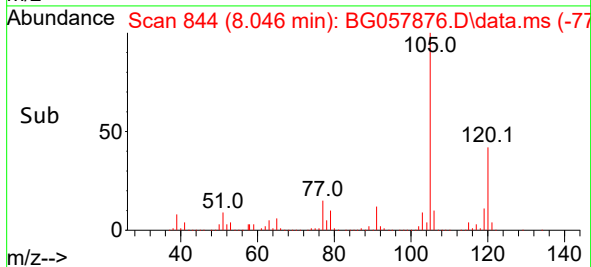
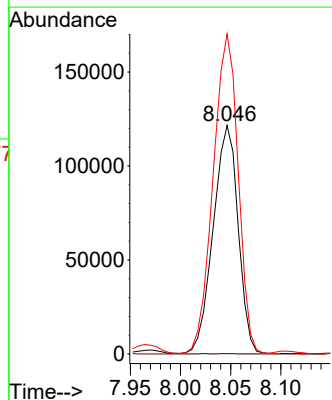
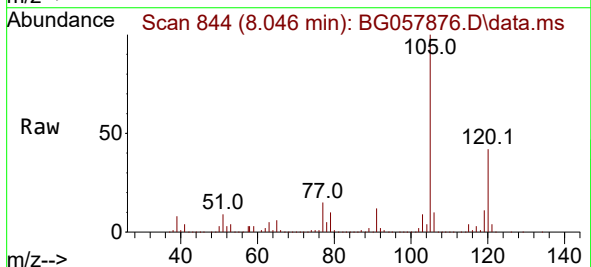
Instrument :
BNA_G
ClientSampleId :
MW-08

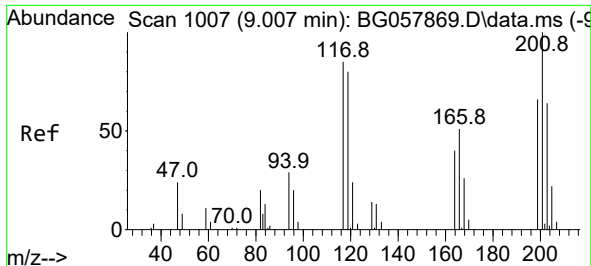
Tgt Ion: 77 Resp: 222891
Ion Ratio Lower Upper
77 100
105 731.1 83.7 123.7#
106 75.7 77.4 117.4#



#15
Benzyl Alcohol
Concen: 82.925 ng
RT: 8.046 min Scan# 844
Delta R.T. -0.114 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

Tgt Ion: 79 Resp: 208727
Ion Ratio Lower Upper
79 100
108 0.1 64.0 96.0#
77 140.0 49.6 74.4#

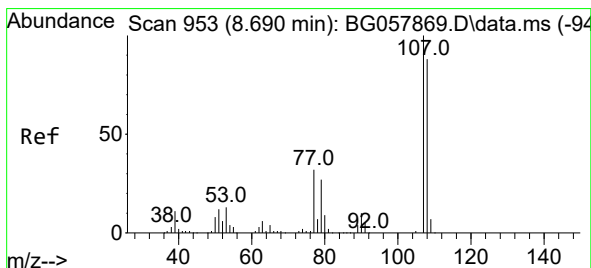
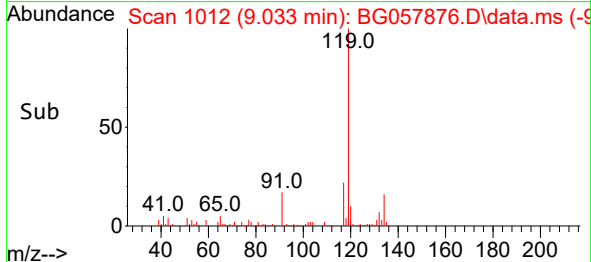
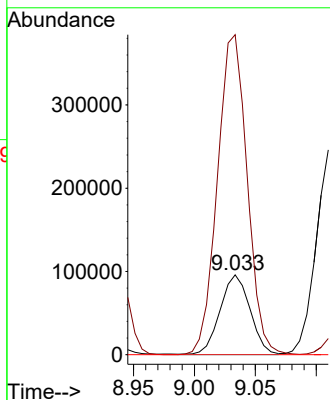
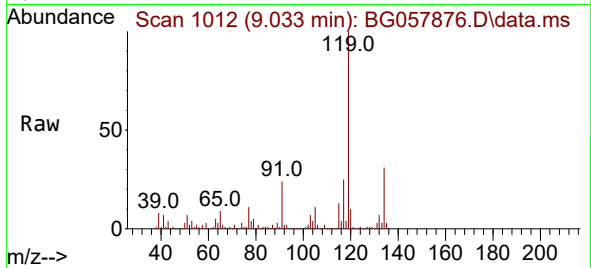




#18
Hexachloroethane
Concen: 198.475 ng
RT: 9.033 min Scan# 10
Delta R.T. 0.027 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

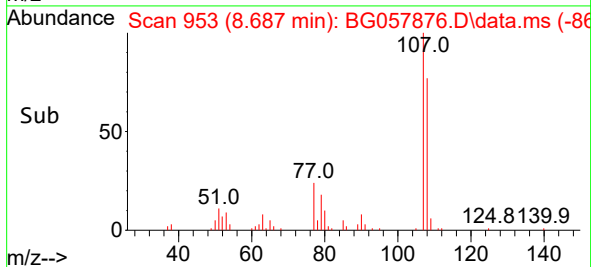
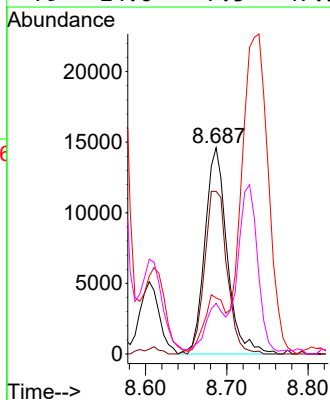
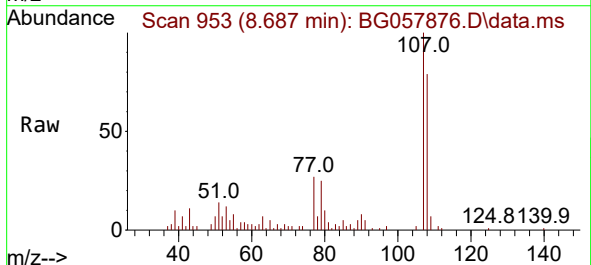
Instrument :
BNA_G
ClientSampleId :
MW-08

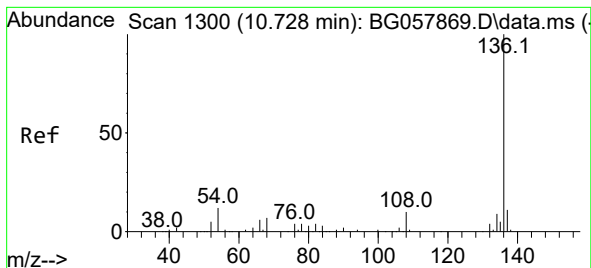
Tgt Ion:117 Resp: 163877
Ion Ratio Lower Upper
117 100
119 400.7 74.7 112.1#
201 0.0 93.9 140.9#



#20
3+4-Methylphenols
Concen: 8.072 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.003 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

Tgt Ion:107 Resp: 27681
Ion Ratio Lower Upper
107 100
108 78.9 67.7 107.7
77 27.1 11.8 51.8
79 24.6 7.5 47.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.731 min Scan# 11

Delta R.T. 0.003 min

Lab File: BG057876.D

Acq: 27 Jun 2023 21:21

Instrument :

BNA_G

ClientSampleId :

MW-08

Tgt Ion:136 Resp: 154970

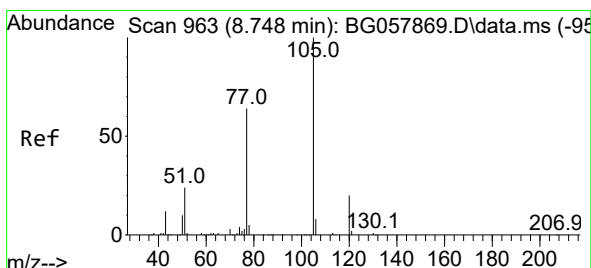
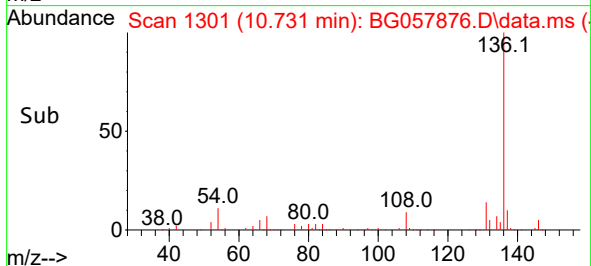
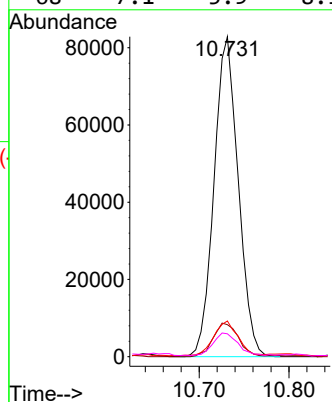
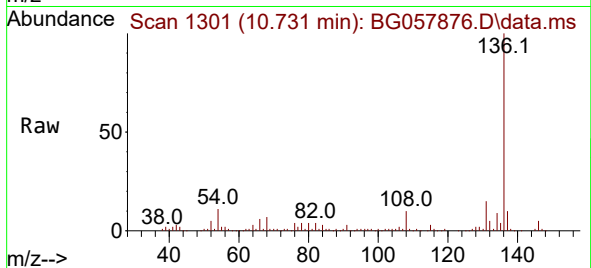
Ion Ratio Lower Upper

136 100

137 10.0 8.6 12.8

54 11.2 9.3 13.9

68 7.1 5.9 8.9



#22

Acetophenone

Concen: 58.159 ng

RT: 8.728 min Scan# 960

Delta R.T. -0.020 min

Lab File: BG057876.D

Acq: 27 Jun 2023 21:21

Tgt Ion:105 Resp: 250835

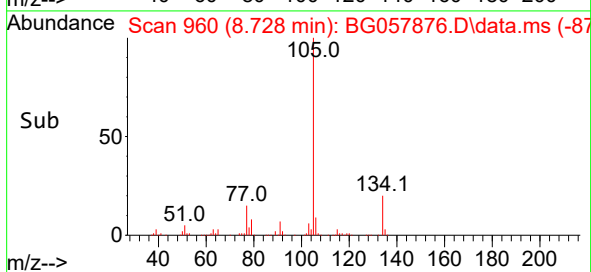
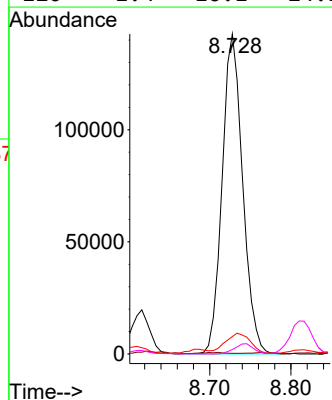
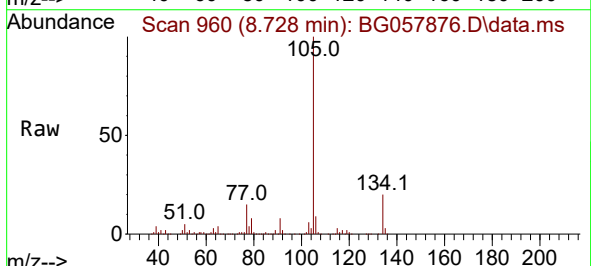
Ion Ratio Lower Upper

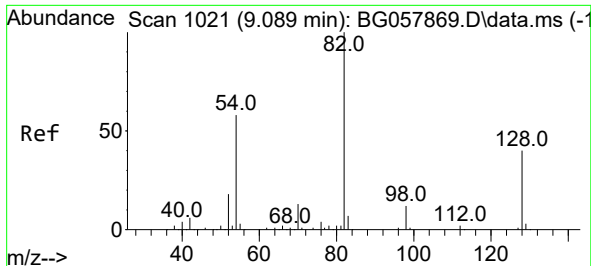
105 100

71 0.2 1.1 1.7#

51 5.5 23.0 34.6#

120 1.4 16.1 24.1#

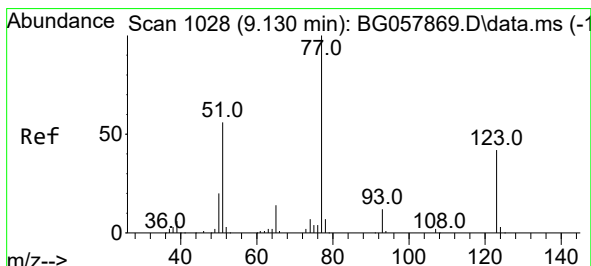
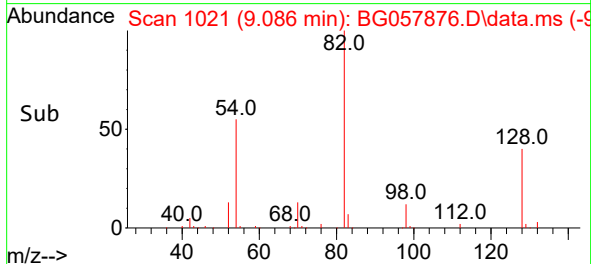
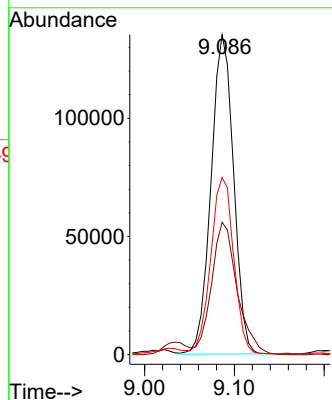
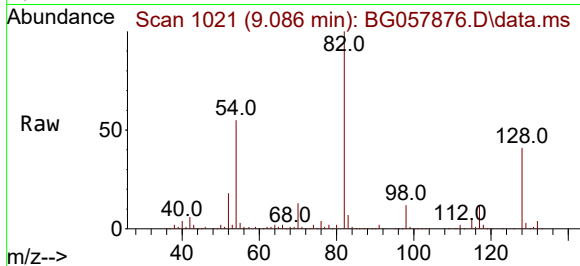




#23
Nitrobenzene-d5
Concen: 74.323 ng
RT: 9.086 min Scan# 1021
Delta R.T. -0.003 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

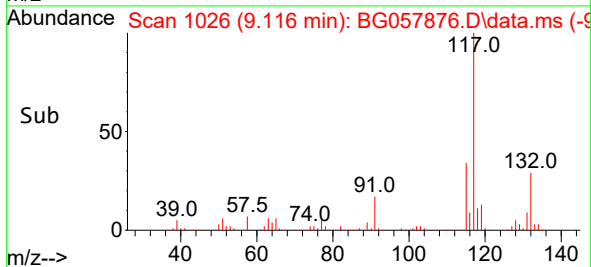
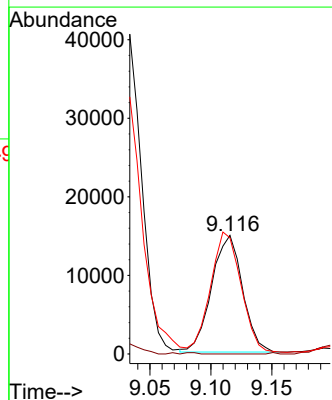
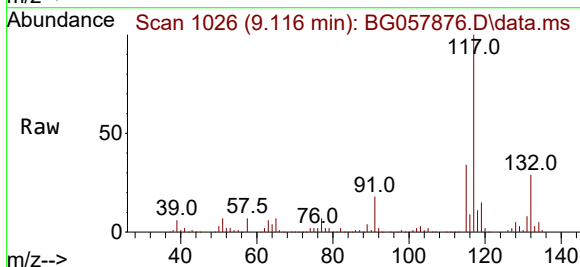
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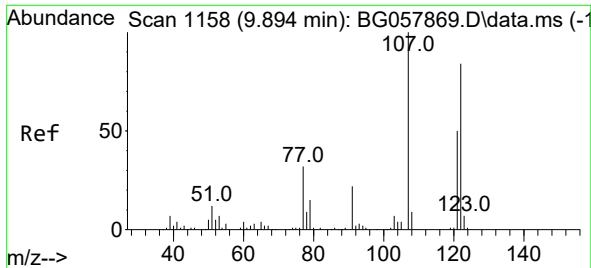
Tgt Ion: 82 Resp: 235020
Ion Ratio Lower Upper
82 100
128 41.3 32.2 48.4
54 55.4 46.1 69.1



#24
Nitrobenzene
Concen: 8.241 ng
RT: 9.116 min Scan# 1026
Delta R.T. -0.014 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

Tgt Ion: 77 Resp: 26157
Ion Ratio Lower Upper
77 100
123 0.0 33.6 50.4#
65 98.1 11.4 17.0#

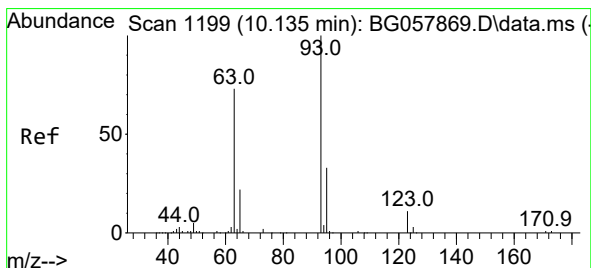
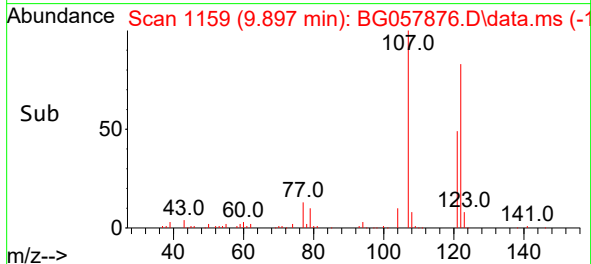
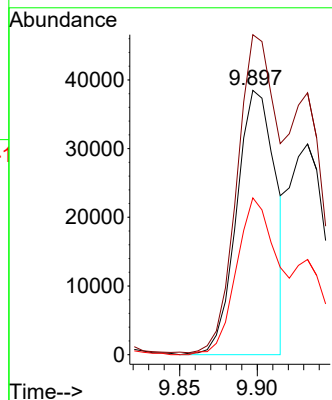
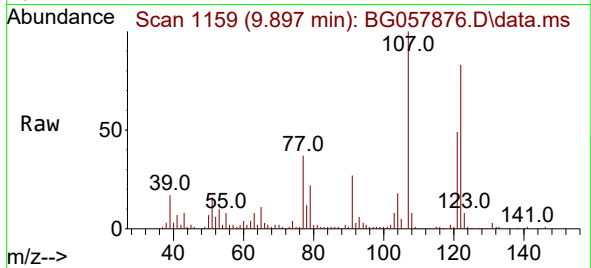




#27
2,4-Dimethylphenol
Concen: 26.875 ng
RT: 9.897 min Scan# 1158
Delta R.T. 0.003 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

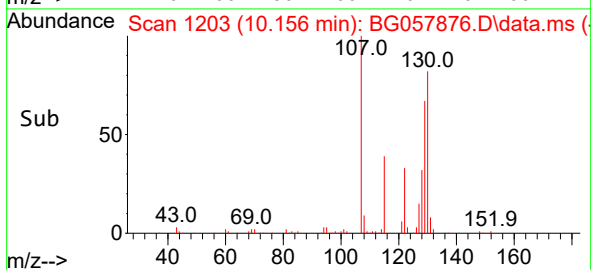
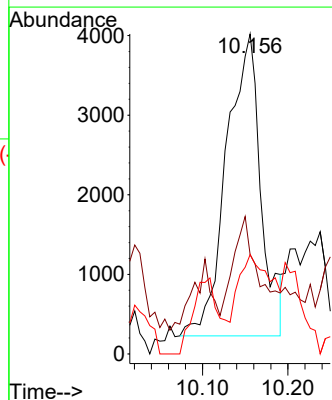
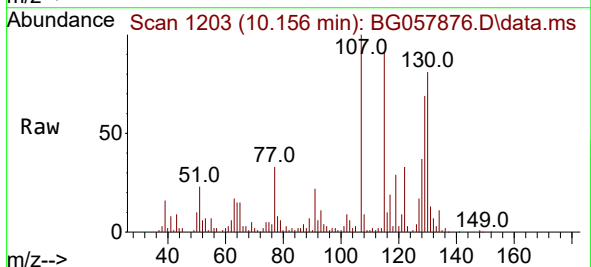
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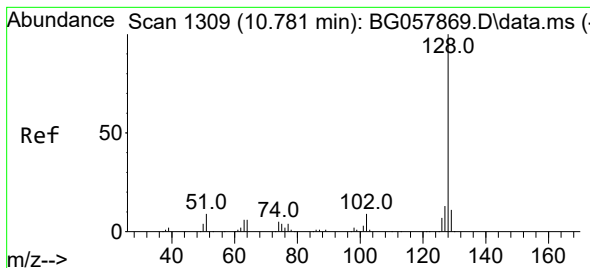
Tgt Ion:122 Resp: 67017
Ion Ratio Lower Upper
122 100
107 121.1 94.9 142.3
121 59.3 46.8 70.2



#28
bis(2-Chloroethoxy)methane
Concen: 2.900 ng
RT: 10.156 min Scan# 1203
Delta R.T. 0.021 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

Tgt Ion: 93 Resp: 10641
Ion Ratio Lower Upper
93 100
95 31.1 26.0 39.0
123 31.1 8.5 12.7#





#31

Naphthalene

Concen: 402.310 ng

RT: 10.790 min Scan# 1311

Delta R.T. 0.009 min

Lab File: BG057876.D

Acq: 27 Jun 2023 21:21

Instrument :

BNA_G

ClientSampleId :

MW-08

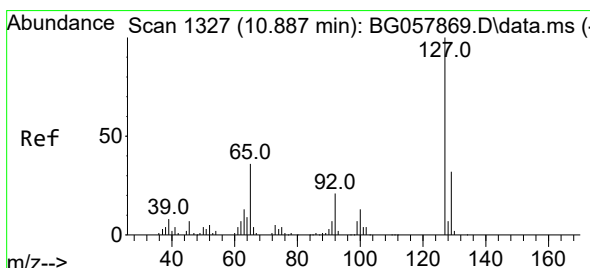
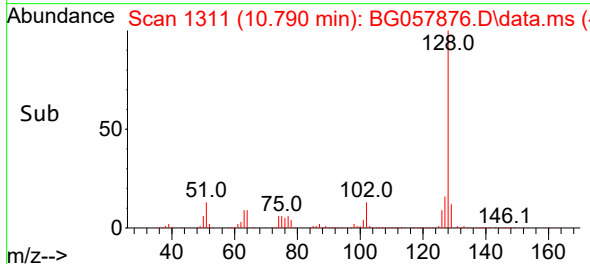
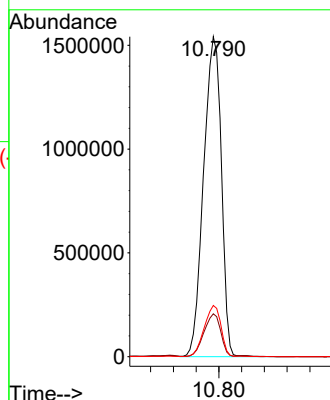
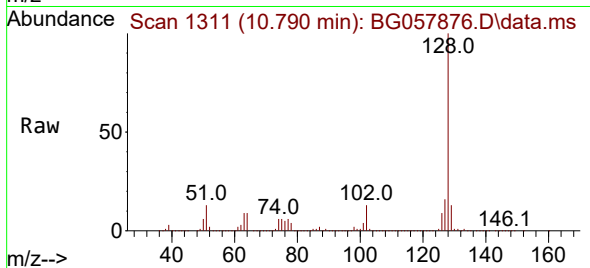
Tgt Ion:128 Resp: 3328021

Ion Ratio Lower Upper

128 100

129 13.4 8.5 12.7#

127 16.0 10.3 15.5#



#33

4-Chloroaniline

Concen: 128.757 ng

RT: 10.790 min Scan# 1311

Delta R.T. -0.097 min

Lab File: BG057876.D

Acq: 27 Jun 2023 21:21

Tgt Ion:127 Resp: 501131

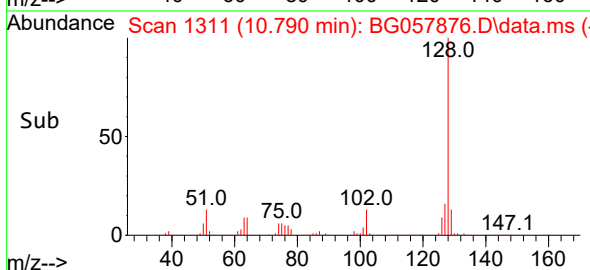
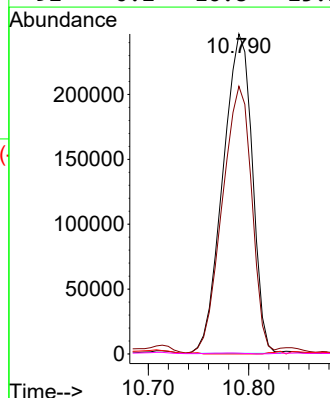
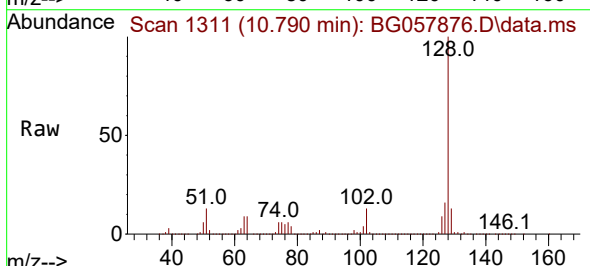
Ion Ratio Lower Upper

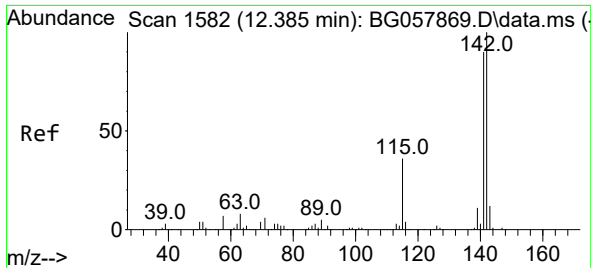
127 100

129 83.7 25.8 38.6#

65 0.0 28.7 43.1#

92 0.2 16.8 25.2#





#37

2-Methylnaphthalene

Concen: 108.201 ng

RT: 12.388 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG057876.D

Acq: 27 Jun 2023 21:21

Instrument :

BNA_G

ClientSampleId :

MW-08

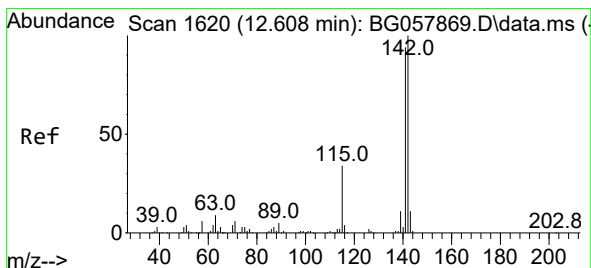
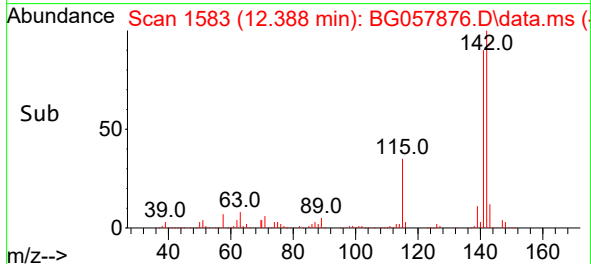
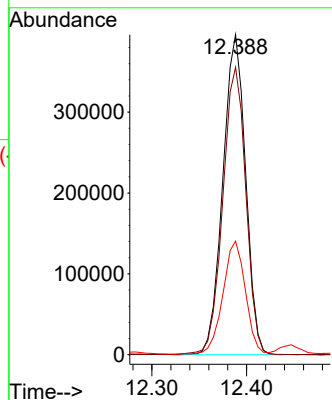
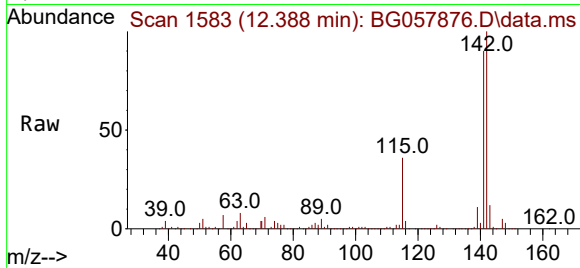
Tgt Ion:142 Resp: 659800

Ion Ratio Lower Upper

142 100

141 89.8 72.4 108.6

115 35.5 28.6 42.8



#38

1-Methylnaphthalene

Concen: 114.507 ng

RT: 12.388 min Scan# 1583

Delta R.T. -0.220 min

Lab File: BG057876.D

Acq: 27 Jun 2023 21:21

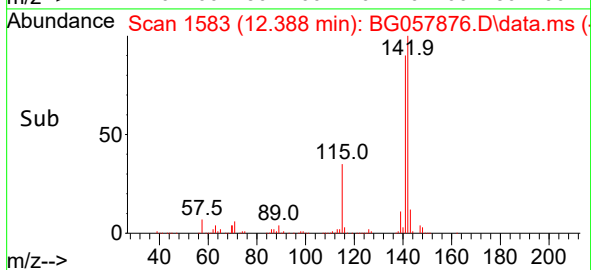
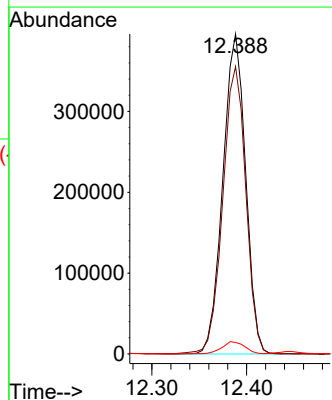
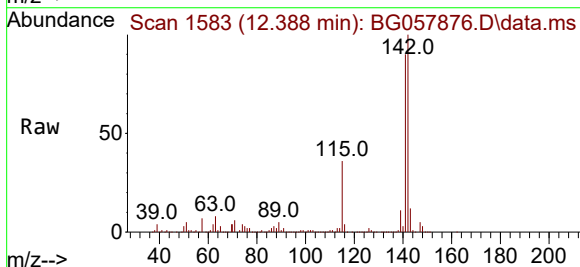
Tgt Ion:142 Resp: 659800

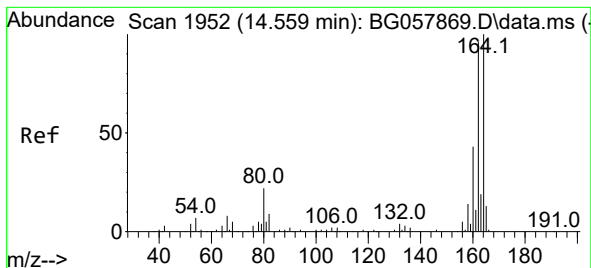
Ion Ratio Lower Upper

142 100

141 89.8 74.8 112.2

116 3.6 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.556 min Scan# 1952

Delta R.T. -0.003 min

Lab File: BG057876.D

Acq: 27 Jun 2023 21:21

Instrument :

BNA_G

ClientSampleId :

MW-08

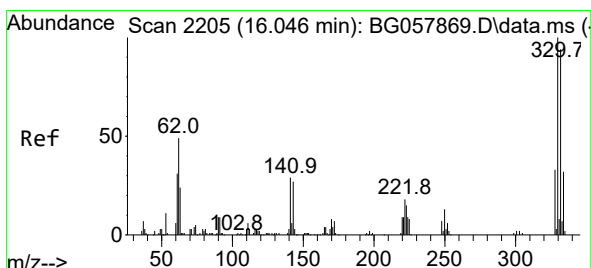
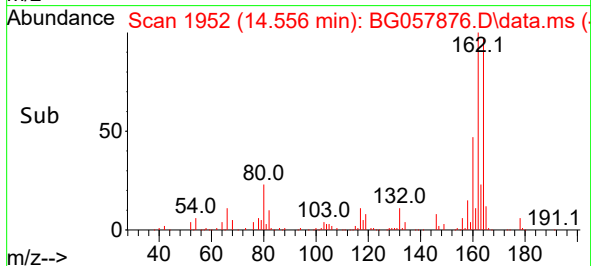
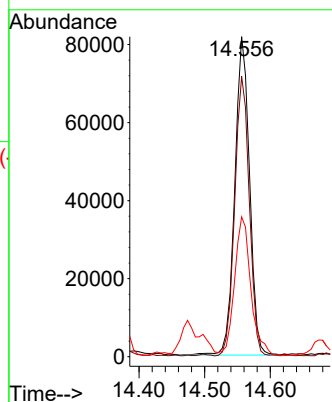
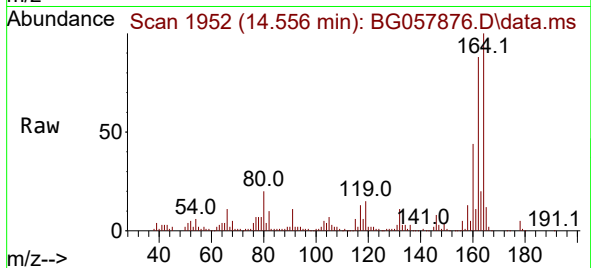
Tgt Ion:164 Resp: 128030

Ion Ratio Lower Upper

164 100

162 87.6 76.4 114.6

160 43.7 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 101.132 ng

RT: 16.043 min Scan# 2205

Delta R.T. -0.003 min

Lab File: BG057876.D

Acq: 27 Jun 2023 21:21

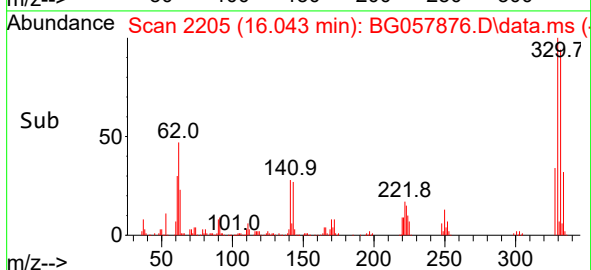
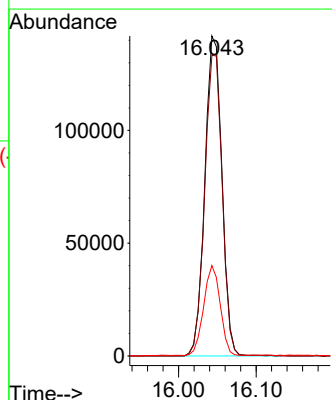
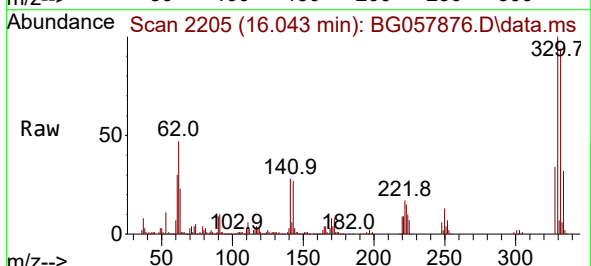
Tgt Ion:330 Resp: 217473

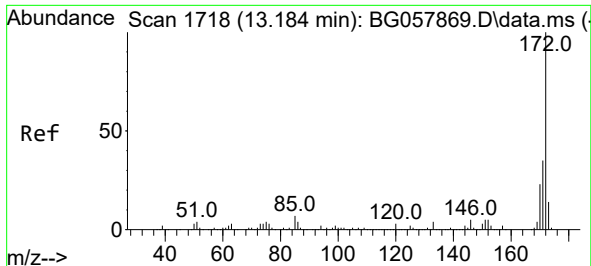
Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

141 27.0 22.2 33.4

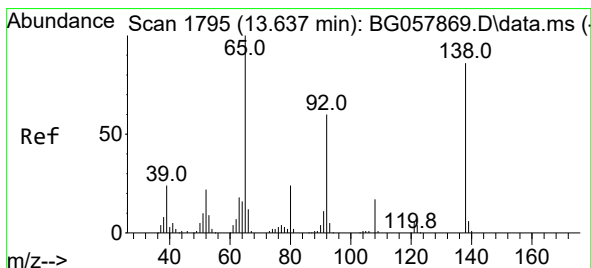
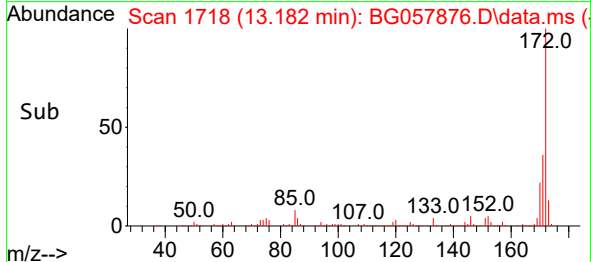
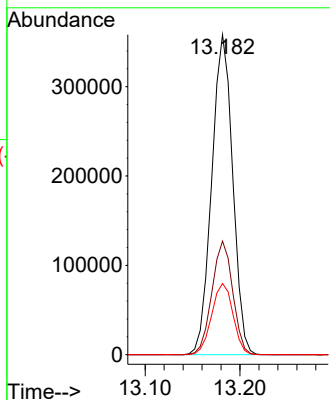
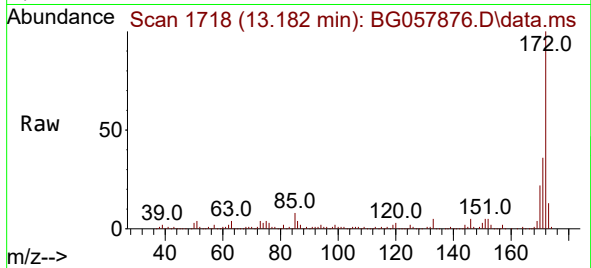




#45
2-Fluorobiphenyl
Concen: 65.558 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.003 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

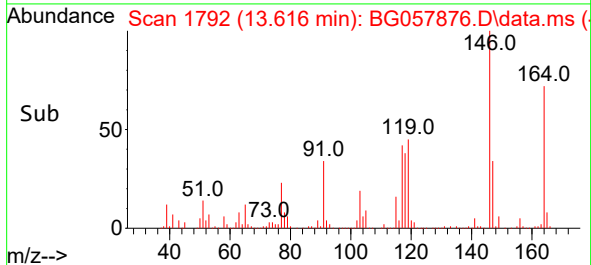
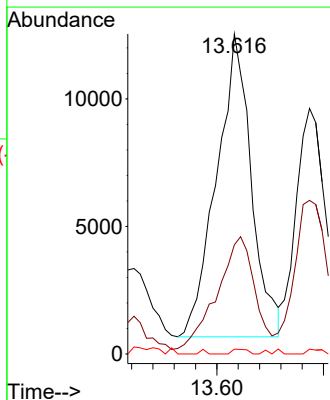
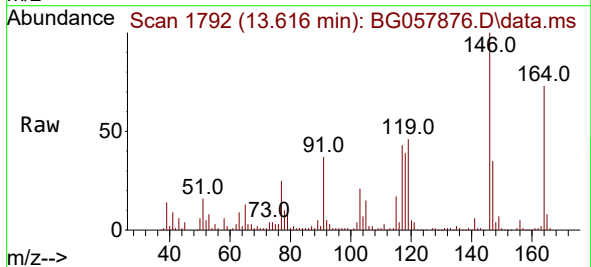
Instrument :
BNA_G
ClientSampleId :
MW-08

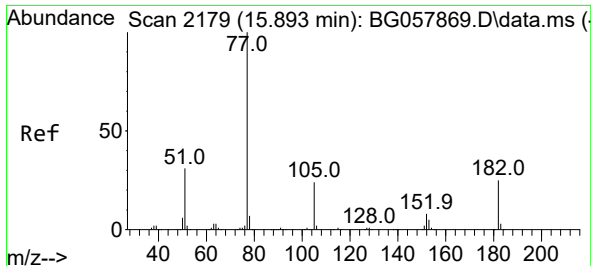
Tgt Ion:172 Resp: 550010
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.8
170 22.2 18.6 27.8



#48
2-Nitroaniline
Concen: 10.081 ng
RT: 13.616 min Scan# 1792
Delta R.T. -0.020 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

Tgt Ion: 65 Resp: 26901
Ion Ratio Lower Upper
65 100
92 34.1 48.3 72.5#
138 1.5 69.1 103.7#

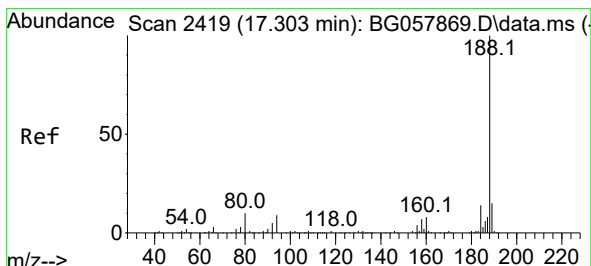
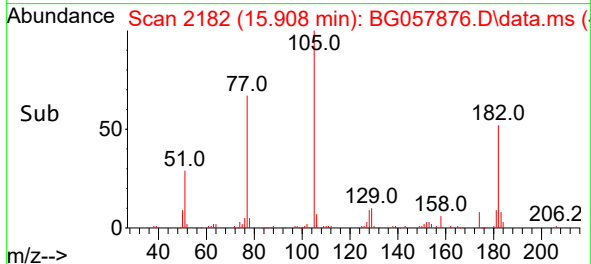
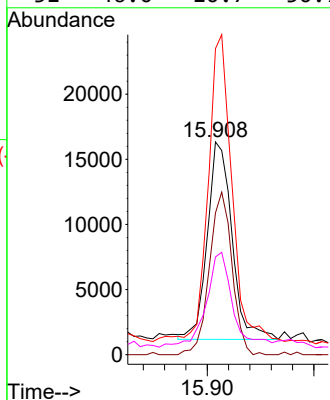
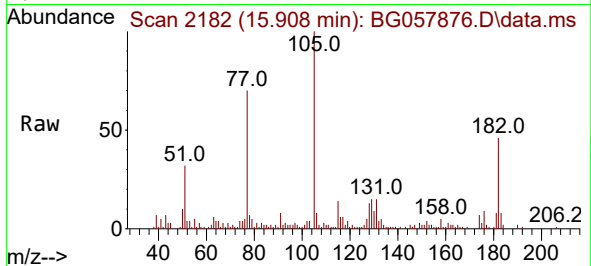




#63
Azobenzene
Concen: 2.381 ng
RT: 15.908 min Scan# 2179
Delta R.T. 0.015 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

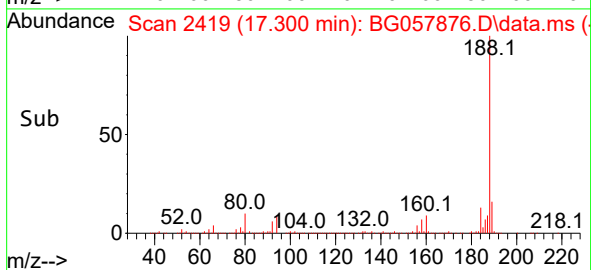
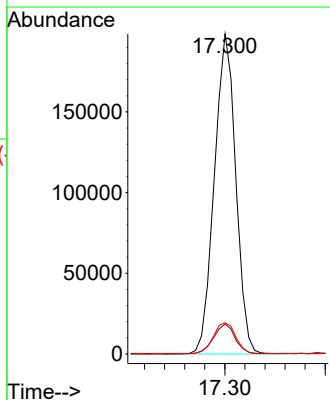
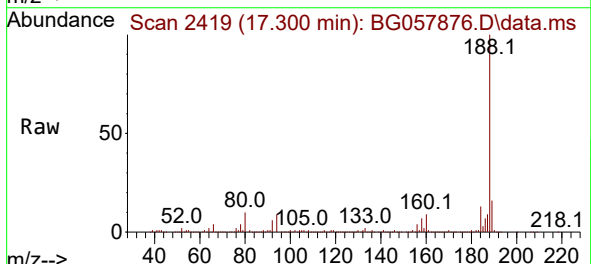
Instrument :
BNA_G
ClientSampleId :
MW-08

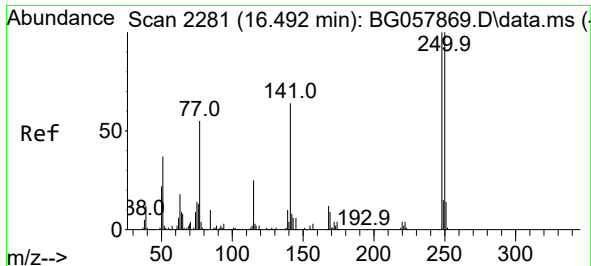
Tgt Ion: 77	Resp: 24352
Ion Ratio	Lower Upper
77 100	
182 66.7	5.1 45.1#
105 143.9	3.9 43.9#
51 46.0	10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.300 min Scan# 2419
Delta R.T. -0.003 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

Tgt Ion: 188	Resp: 293313
Ion Ratio	Lower Upper
188 100	
94 9.4	7.2 10.8
80 9.8	8.4 12.6

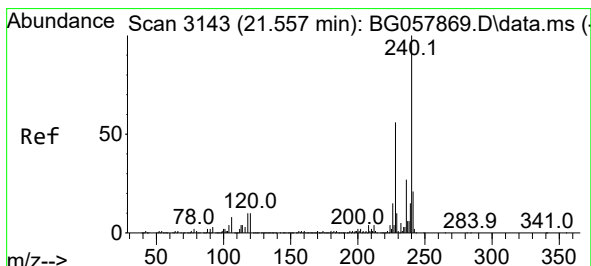
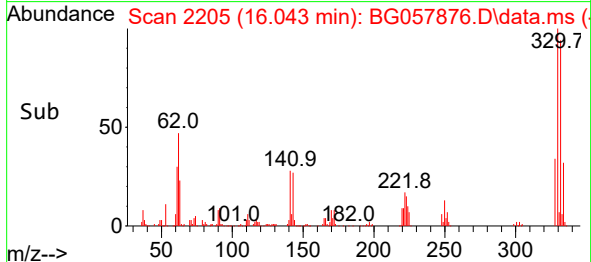
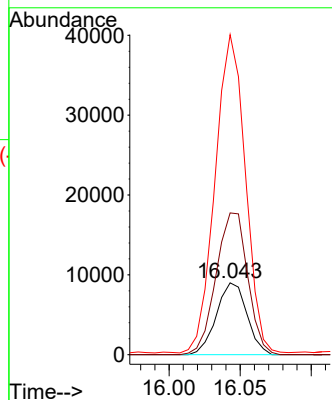
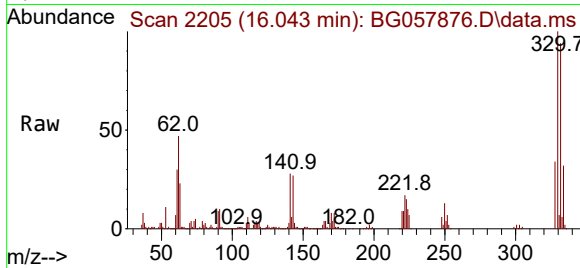




#67
4-Bromophenyl-phenylether
Concen: 4.348 ng
RT: 16.043 min Scan# 21
Delta R.T. -0.449 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

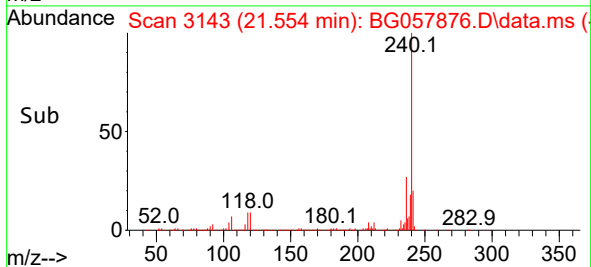
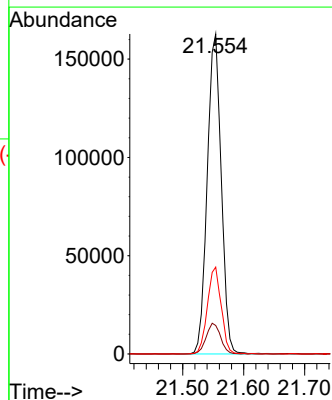
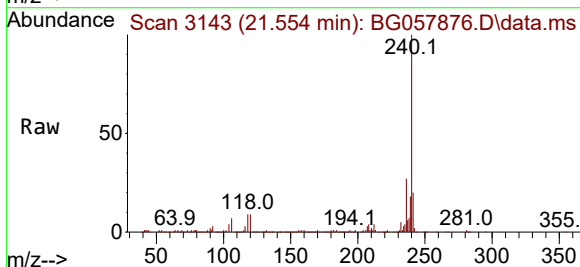
Instrument :
BNA_G
ClientSampleId :
MW-08

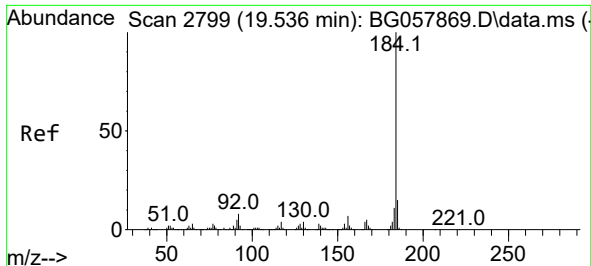
Tgt Ion:248 Resp: 13461
Ion Ratio Lower Upper
248 100
250 197.3 79.7 119.5#
141 445.4 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.554 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

Tgt Ion:240 Resp: 259726
Ion Ratio Lower Upper
240 100
120 8.9 8.1 12.1
236 27.2 21.9 32.9

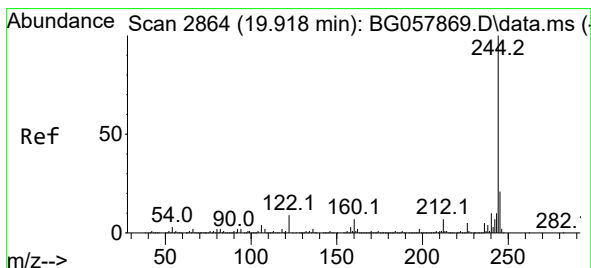
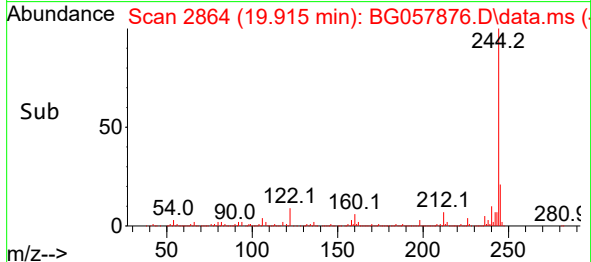
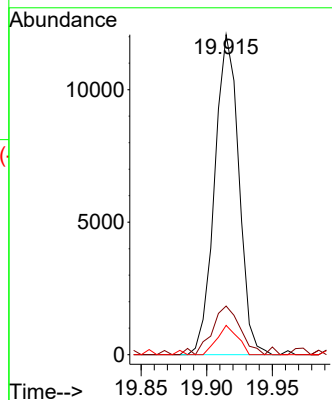
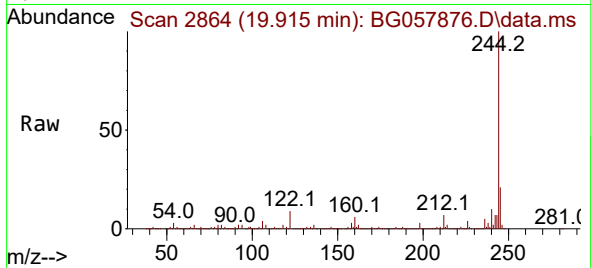




#77
Benzidine
Concen: 2.543 ng
RT: 19.915 min Scan# 21
Delta R.T. 0.379 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

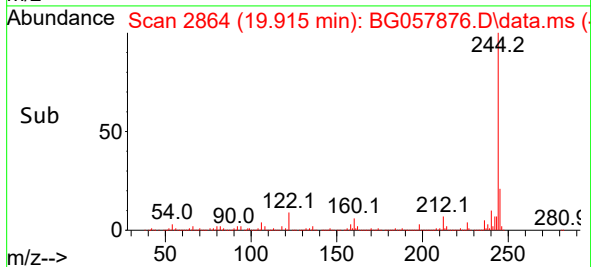
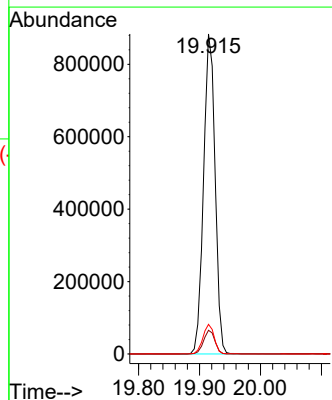
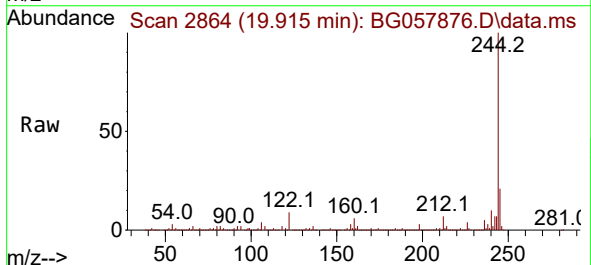
Instrument :
BNA_G
ClientSampleId :
MW-08

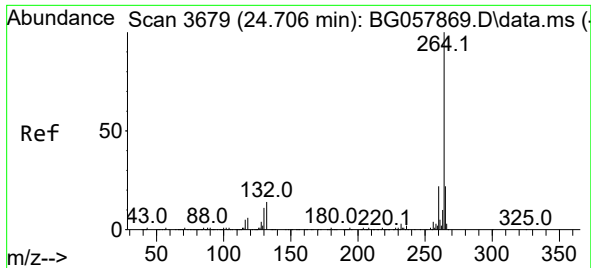
Tgt Ion:184 Resp: 15493
Ion Ratio Lower Upper
184 100
185 15.2 11.7 17.5
183 9.2 9.0 13.4



#79
Terphenyl-d14
Concen: 81.726 ng
RT: 19.915 min Scan# 2864
Delta R.T. -0.003 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

Tgt Ion:244 Resp: 1164306
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 9.2 7.4 11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.697 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion:264 Resp: 310771

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.8	26.8
265	21.1	17.3	25.9

