

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062723\
 Data File : BG057880.D
 Acq On : 28 Jun 2023 00:09
 Operator : CG/JU
 Sample : 03339-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-12

Quant Time: Jun 28 02:40:49 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)

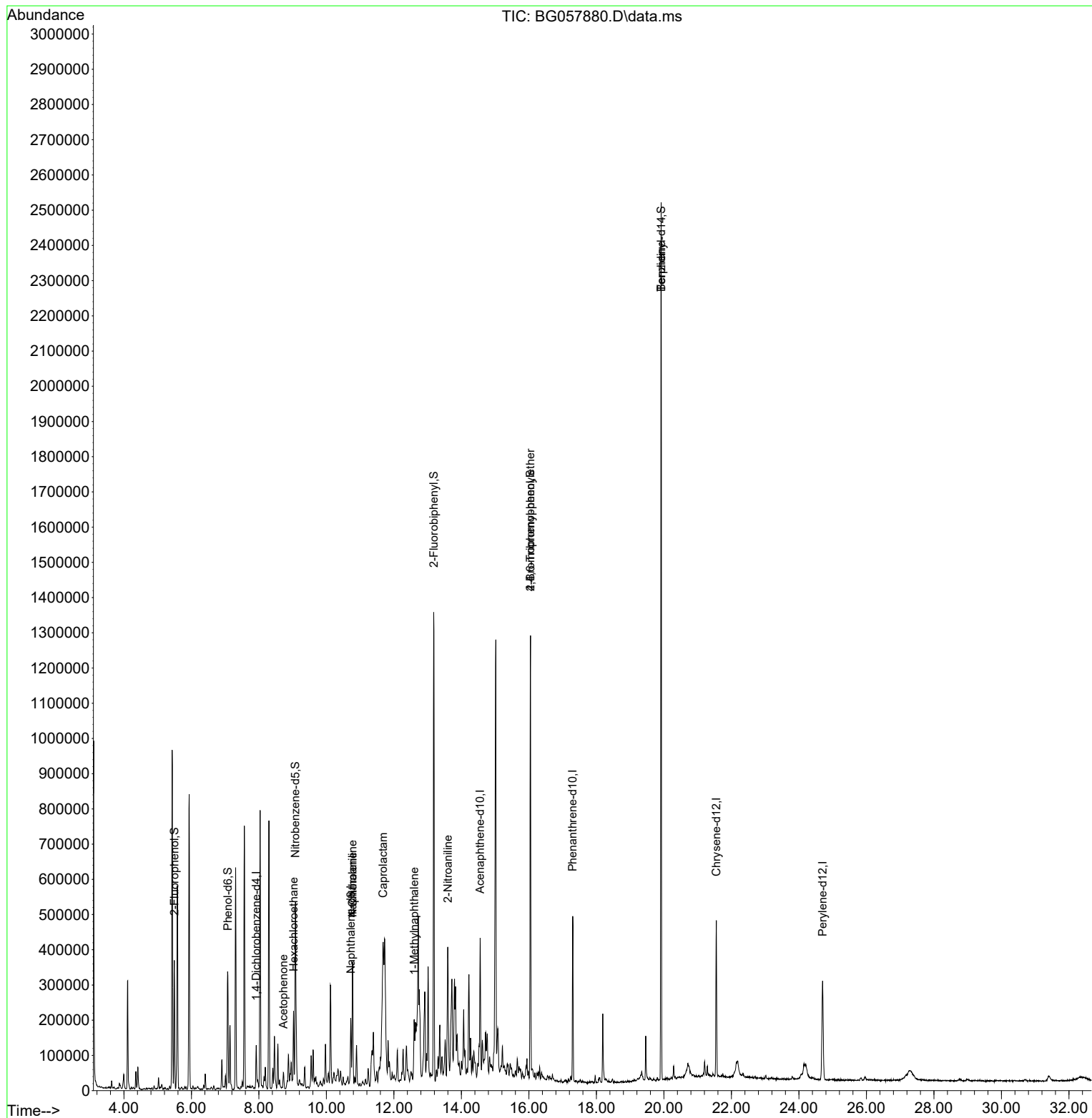
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	32146	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	150222	20.000	ng	0.00
39) Acenaphthene-d10	14.554	164	121514	20.000	ng	0.00
64) Phenanthrene-d10	17.297	188	295838	20.000	ng	0.00
76) Chrysene-d12	21.551	240	252555	20.000	ng	0.00
86) Perylene-d12	24.700	264	300351	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.494	112	151308	72.016	ng	0.00
7) Phenol-d6	7.080	99	147681	47.005	ng	0.00
23) Nitrobenzene-d5	9.083	82	306204	99.895	ng	0.00
42) 2,4,6-Tribromophenol	16.046	330	267947	131.286	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	721091	90.559	ng	0.00
79) Terphenyl-d14	19.918	244	1311713	94.687	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.031	117	23756	31.286	ng	# 1
22) Acetophenone	8.731	105	36161	8.649	ng	# 67
31) Naphthalene	10.776	128	260948	32.542	ng	# 99
33) 4-Chloroaniline	10.776	127	35296	9.355	ng	# 32
35) Caprolactam	11.680	113	208951	203.385	ng	# 93
38) 1-Methylnaphthalene	12.603	142	42029	7.525	ng	# 92
48) 2-Nitroaniline	13.596	65	15354	6.062	ng	# 33
67) 4-Bromophenyl-phenylether	16.046	248	17532	5.614	ng	# 1
77) Benzidine	19.918	184	17831	3.009	ng	# 91

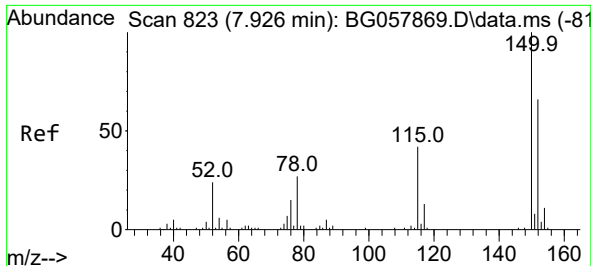
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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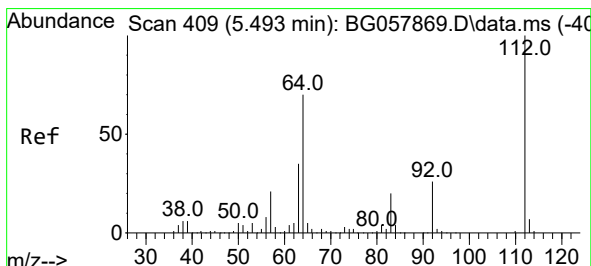
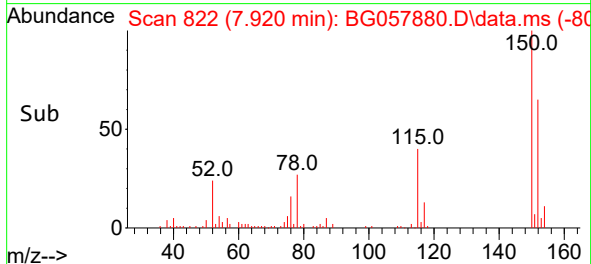
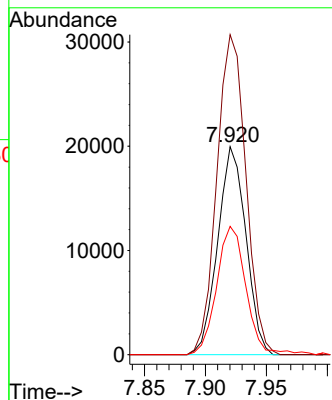
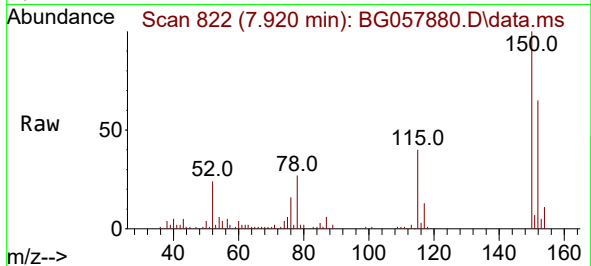




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057880.D
Acq: 28 Jun 2023 00:09

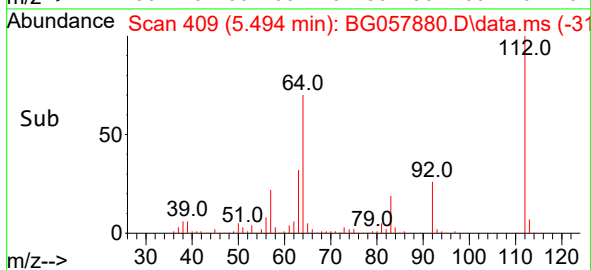
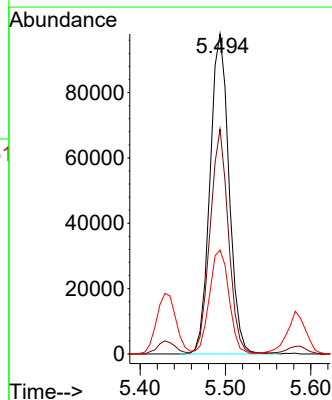
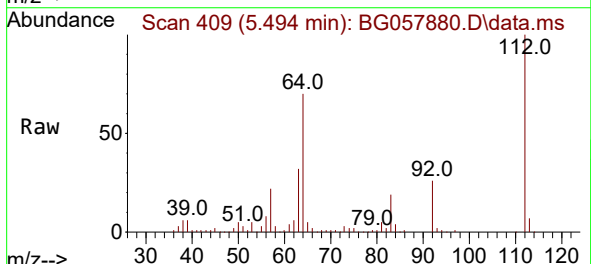
Instrument :
BNA_G
ClientSampleId :
MW-12

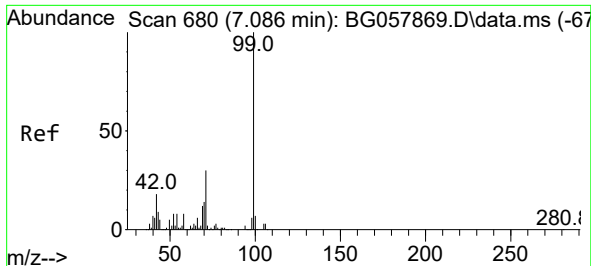
Tgt Ion:152 Resp: 32146
Ion Ratio Lower Upper
152 100
150 153.8 122.0 183.0
115 61.7 50.7 76.1



#5
2-Fluorophenol
Concen: 72.016 ng
RT: 5.494 min Scan# 409
Delta R.T. 0.000 min
Lab File: BG057880.D
Acq: 28 Jun 2023 00:09

Tgt Ion:112 Resp: 151308
Ion Ratio Lower Upper
112 100
64 70.3 55.8 83.6
63 32.4 27.9 41.9

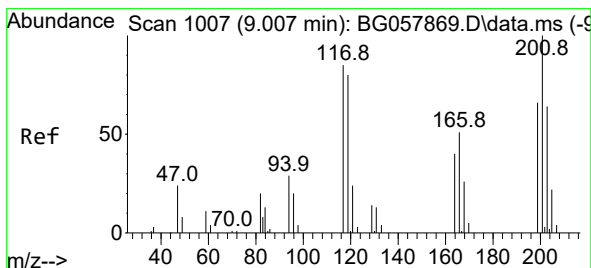
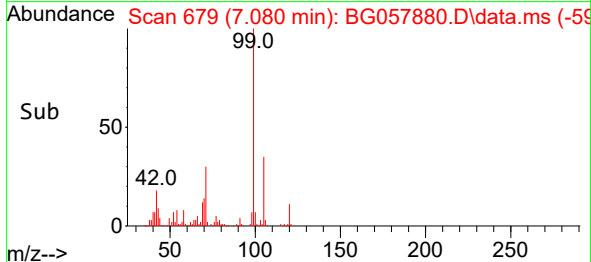
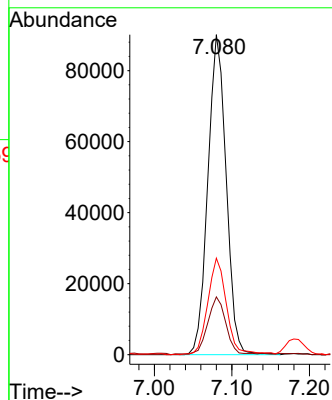
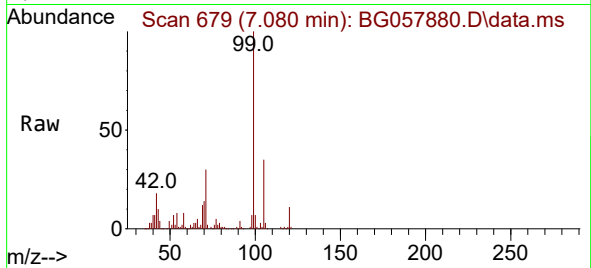




#7
Phenol-d6
Concen: 47.005 ng
RT: 7.080 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057880.D
Acq: 28 Jun 2023 00:09

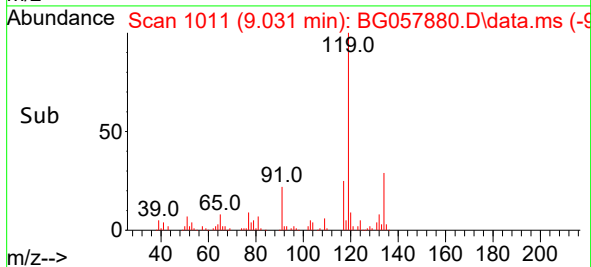
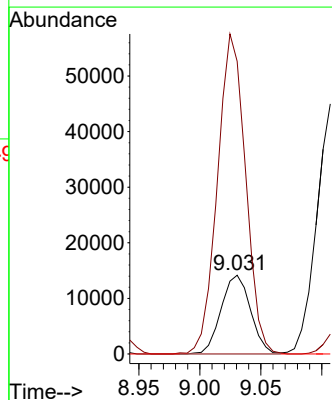
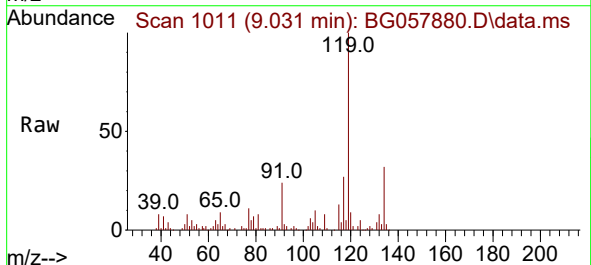
Instrument :
BNA_G
ClientSampleId :
MW-12

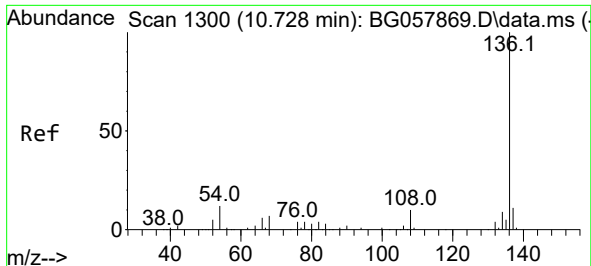
Tgt Ion: 99 Resp: 147681
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 30.1 23.9 35.9



#18
Hexachloroethane
Concen: 31.286 ng
RT: 9.031 min Scan# 1011
Delta R.T. 0.024 min
Lab File: BG057880.D
Acq: 28 Jun 2023 00:09

Tgt Ion: 117 Resp: 23756
Ion Ratio Lower Upper
117 100
119 372.0 74.7 112.1#
201 0.0 93.9 140.9#

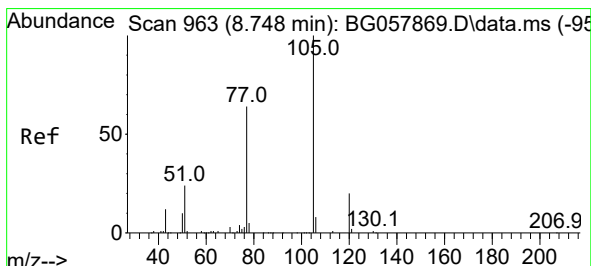
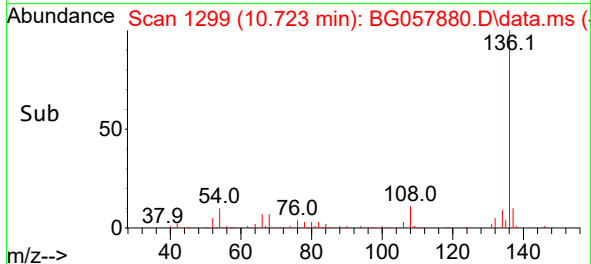
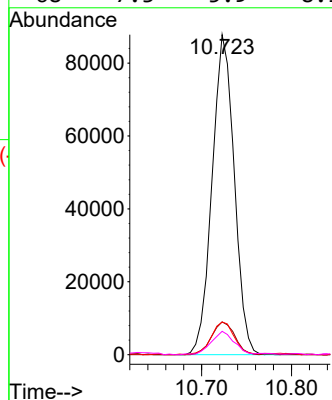
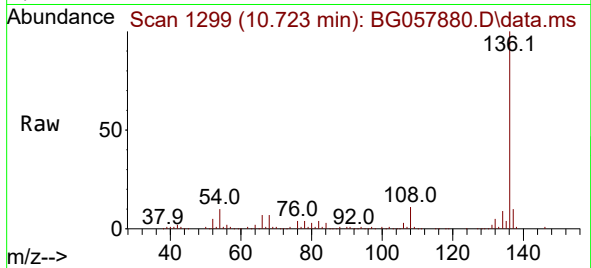




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057880.D
Acq: 28 Jun 2023 00:09

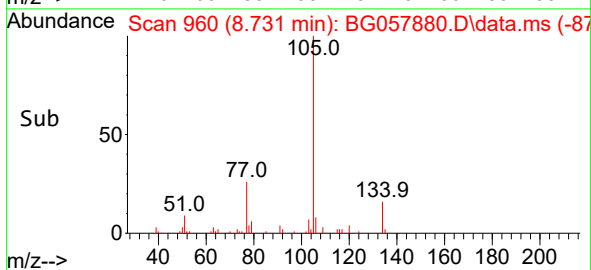
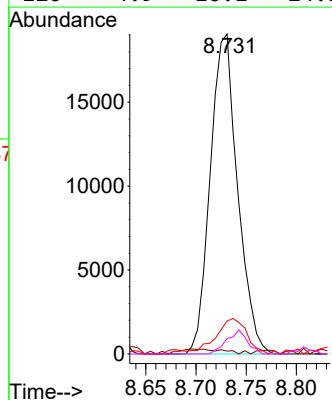
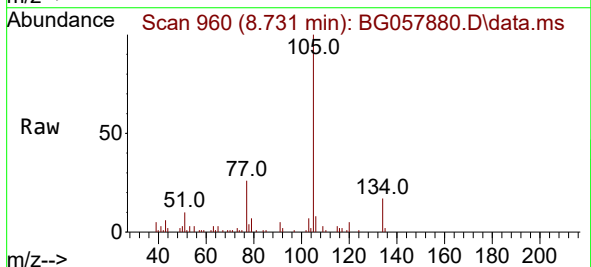
Instrument :
BNA_G
ClientSampleId :
MW-12

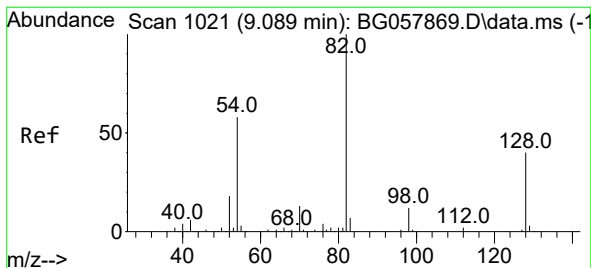
Tgt Ion:136 Resp: 150222
Ion Ratio Lower Upper
136 100
137 10.2 8.6 12.8
54 10.2 9.3 13.9
68 7.3 5.9 8.9



#22
Acetophenone
Concen: 8.649 ng
RT: 8.731 min Scan# 960
Delta R.T. -0.017 min
Lab File: BG057880.D
Acq: 28 Jun 2023 00:09

Tgt Ion:105 Resp: 36161
Ion Ratio Lower Upper
105 100
71 0.9 1.1 1.7#
51 10.3 23.0 34.6#
120 4.9 16.1 24.1#





#23

Nitrobenzene-d5

Concen: 99.895 ng

RT: 9.083 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BG057880.D

Acq: 28 Jun 2023 00:09

Instrument :

BNA_G

ClientSampleId :

MW-12

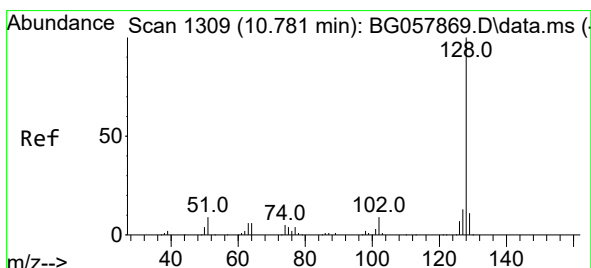
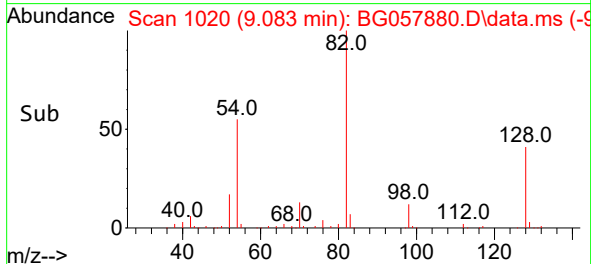
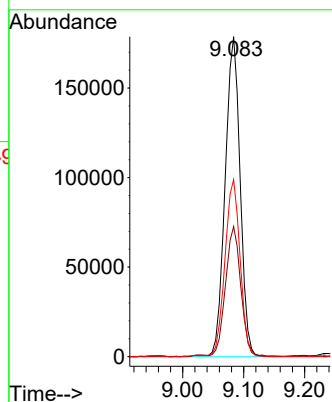
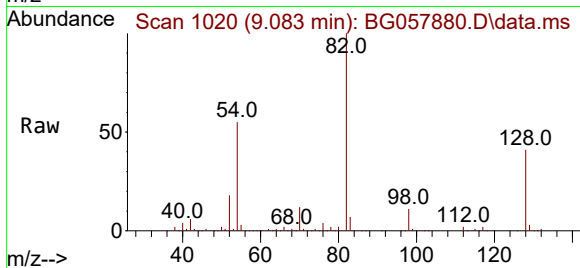
Tgt Ion: 82 Resp: 306204

Ion Ratio Lower Upper

82 100

128 40.6 32.2 48.4

54 55.4 46.1 69.1



#31

Naphthalene

Concen: 32.542 ng

RT: 10.776 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BG057880.D

Acq: 28 Jun 2023 00:09

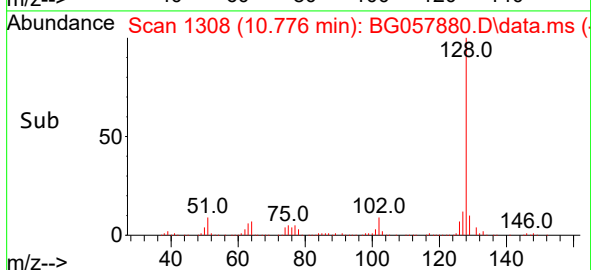
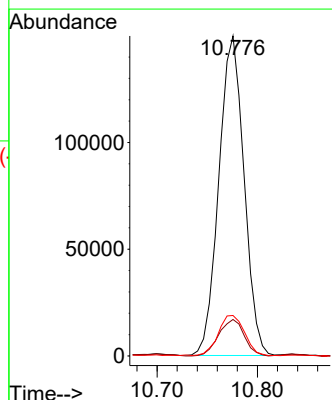
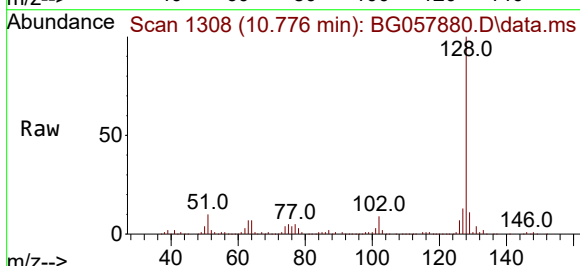
Tgt Ion:128 Resp: 260948

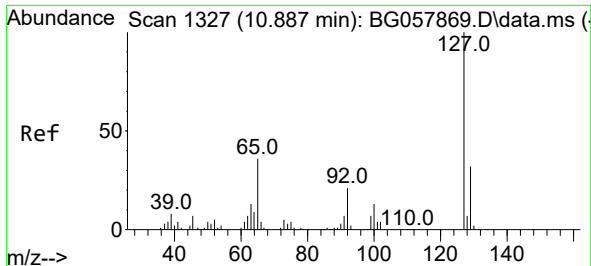
Ion Ratio Lower Upper

128 100

129 11.4 8.5 12.7

127 12.7 10.3 15.5

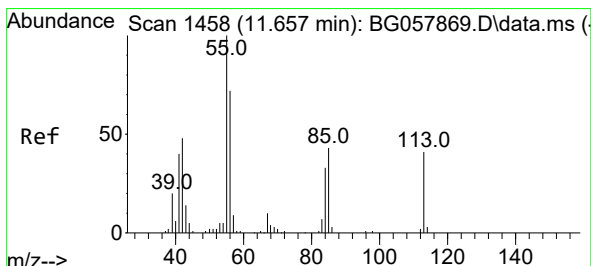
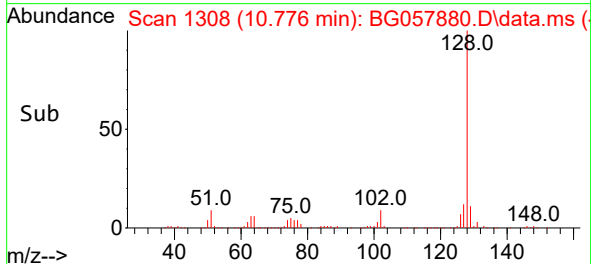
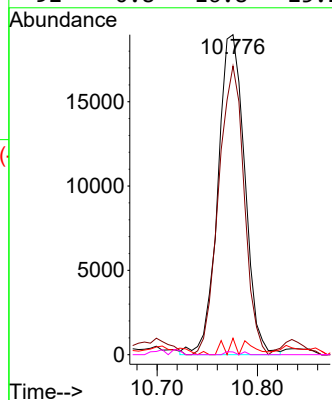
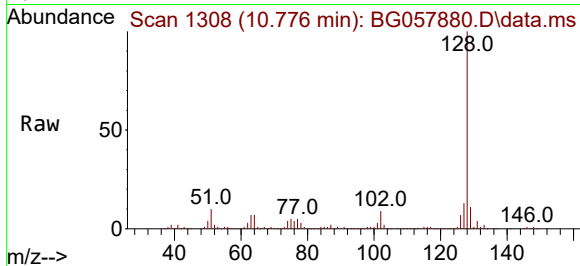




#33
4-Chloroaniline
Concen: 9.355 ng
RT: 10.776 min Scan# 11
Delta R.T. -0.111 min
Lab File: BG057880.D
Acq: 28 Jun 2023 00:09

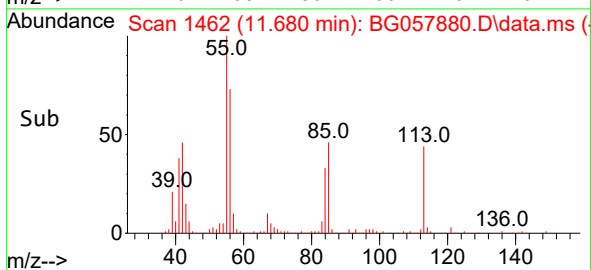
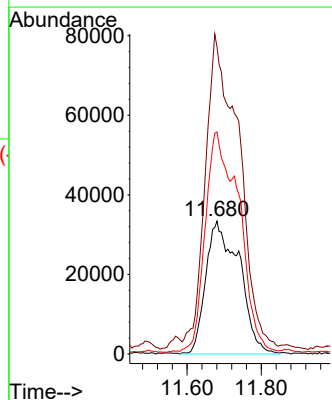
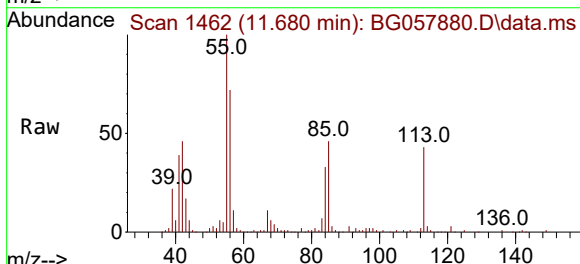
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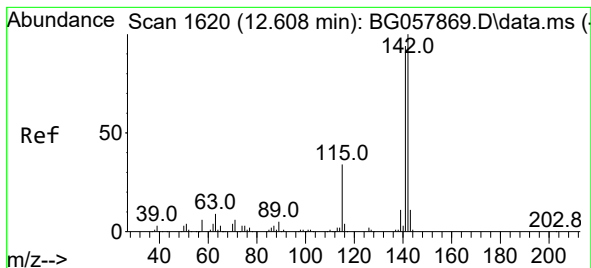
Tgt Ion:127 Resp: 35296
Ion Ratio Lower Upper
127 100
129 90.2 25.8 38.6#
65 6.1 28.7 43.1#
92 0.8 16.8 25.2#



#35
Caprolactam
Concen: 203.385 ng
RT: 11.680 min Scan# 1462
Delta R.T. 0.024 min
Lab File: BG057880.D
Acq: 28 Jun 2023 00:09

Tgt Ion:113 Resp: 208951
Ion Ratio Lower Upper
113 100
55 231.4 224.7 264.7
56 167.2 155.9 195.9





#38

1-Methylnaphthalene

Concen: 7.525 ng

RT: 12.603 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG057880.D

Acq: 28 Jun 2023 00:09

Instrument :

BNA_G

ClientSampleId :

MW-12

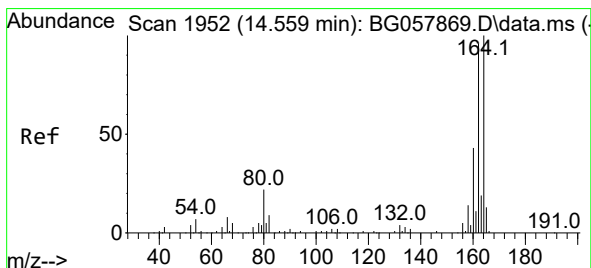
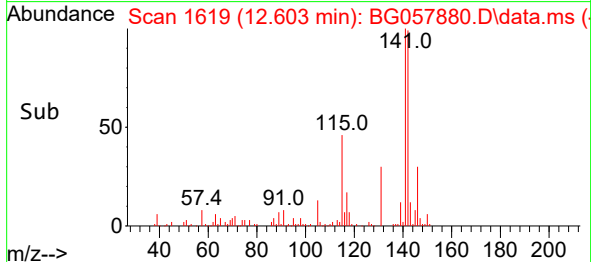
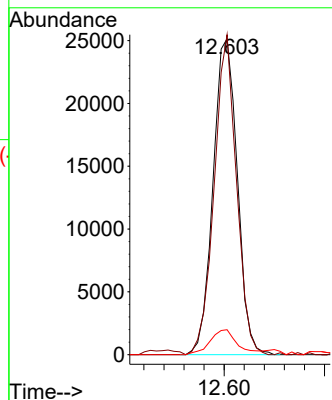
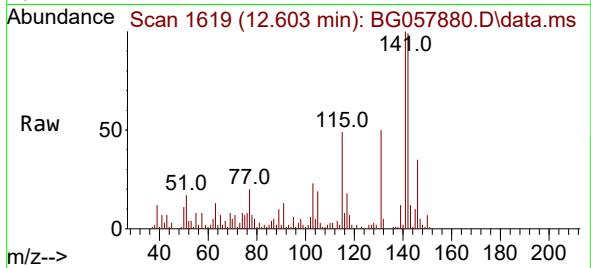
Tgt Ion:142 Resp: 42029

Ion Ratio Lower Upper

142 100

141 101.3 74.8 112.2

116 7.9 3.0 4.6#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.554 min Scan# 1951

Delta R.T. -0.006 min

Lab File: BG057880.D

Acq: 28 Jun 2023 00:09

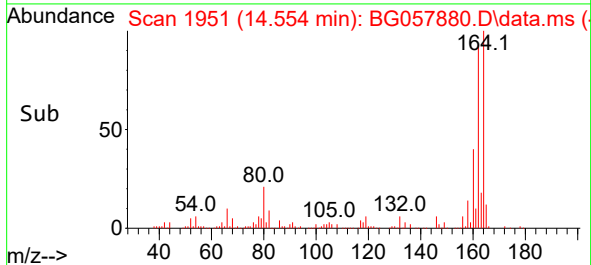
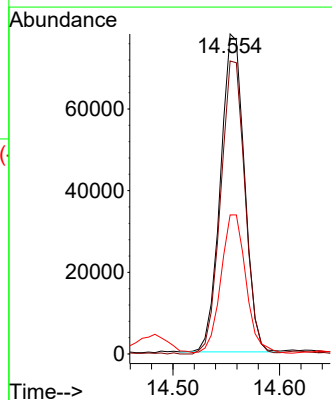
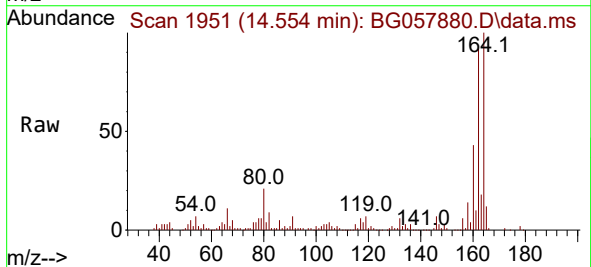
Tgt Ion:164 Resp: 121514

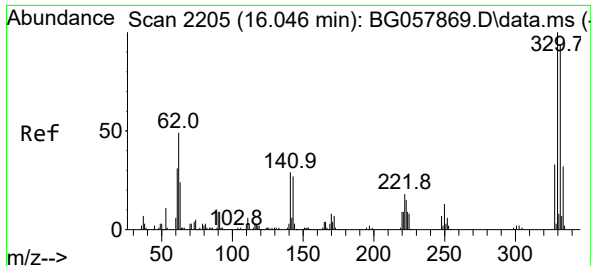
Ion Ratio Lower Upper

164 100

162 91.5 76.4 114.6

160 43.4 34.2 51.2

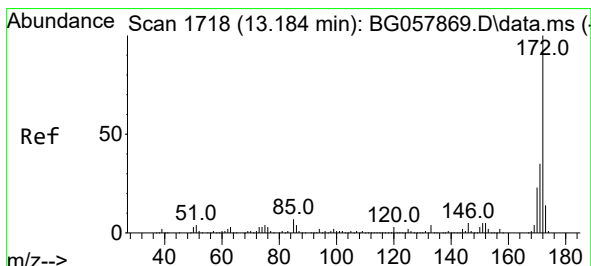
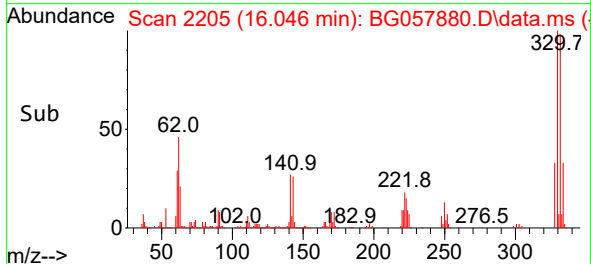
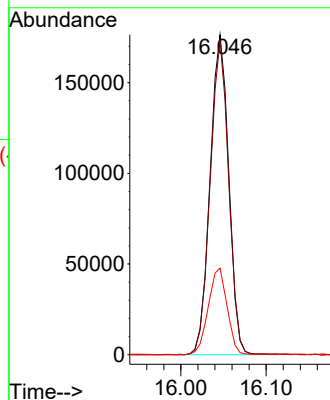
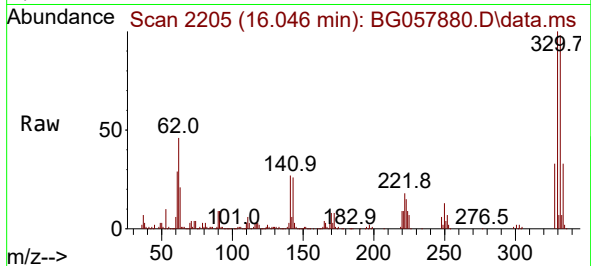




#42
2,4,6-Tribromophenol
Concen: 131.286 ng
RT: 16.046 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057880.D
Acq: 28 Jun 2023 00:09

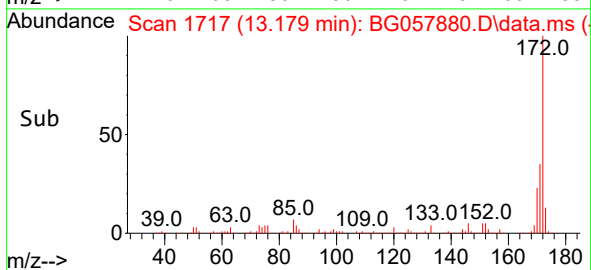
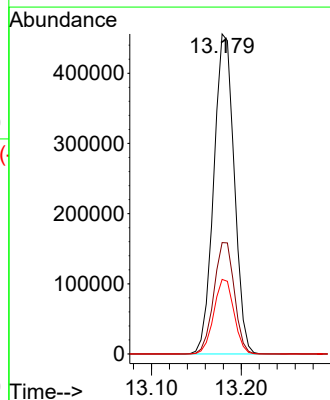
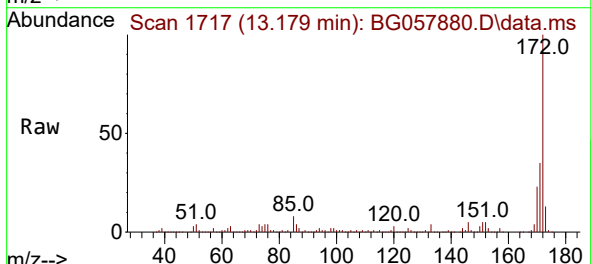
Instrument :
BNA_G
ClientSampleId :
MW-12

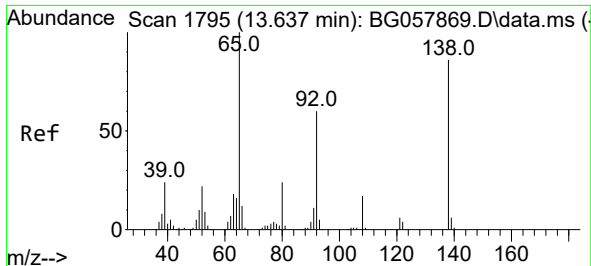
Tgt Ion:330 Resp: 267947
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 27.4 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 90.559 ng
RT: 13.179 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BG057880.D
Acq: 28 Jun 2023 00:09

Tgt Ion:172 Resp: 721091
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.3 18.6 27.8

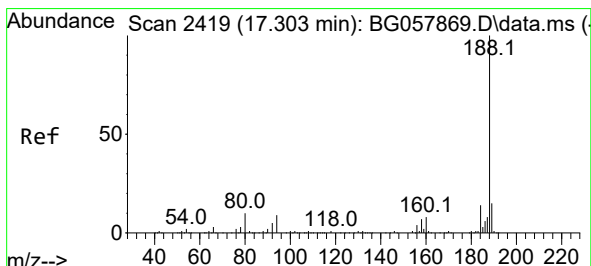
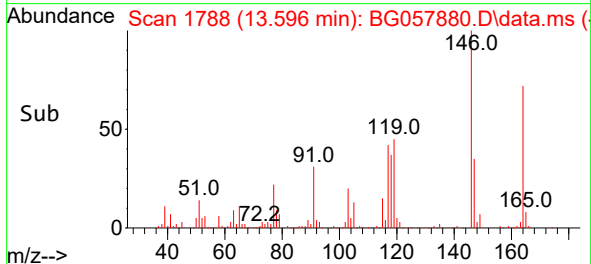
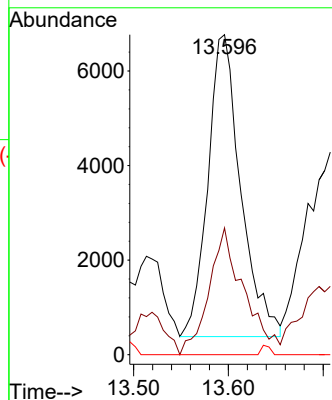
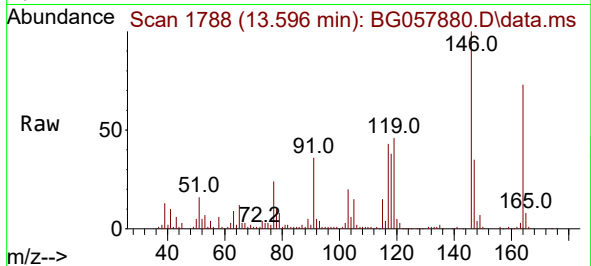




#48
2-Nitroaniline
Concen: 6.062 ng
RT: 13.596 min Scan# 1
Delta R.T. -0.041 min
Lab File: BG057880.D
Acq: 28 Jun 2023 00:09

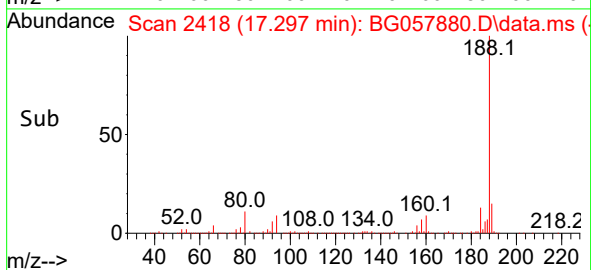
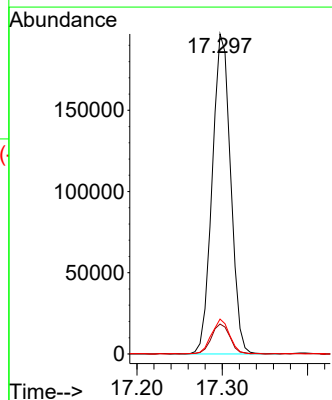
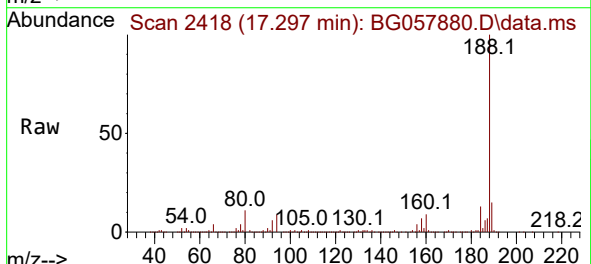
Instrument :
BNA_G
ClientSampleId :
MW-12

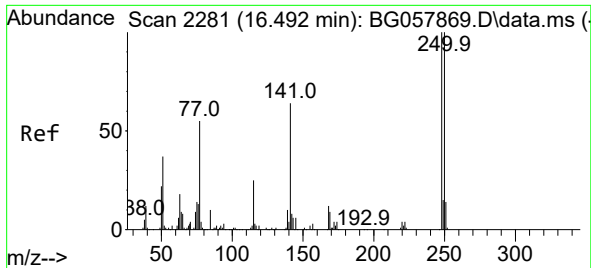
Tgt Ion: 65 Resp: 15354
Ion Ratio Lower Upper
65 100
92 39.6 48.3 72.5#
138 0.0 69.1 103.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.297 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BG057880.D
Acq: 28 Jun 2023 00:09

Tgt Ion:188 Resp: 295838
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.9 8.4 12.6

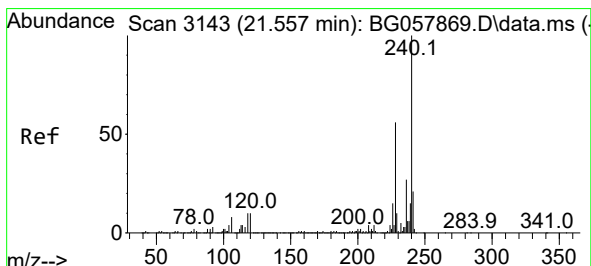
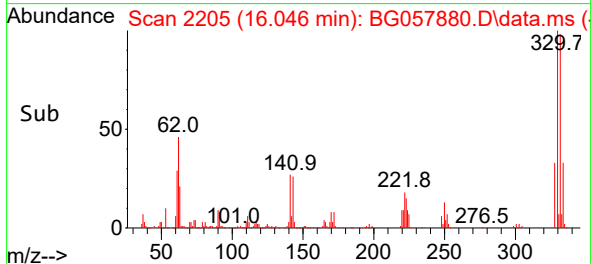
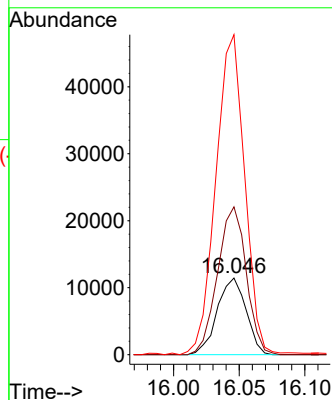
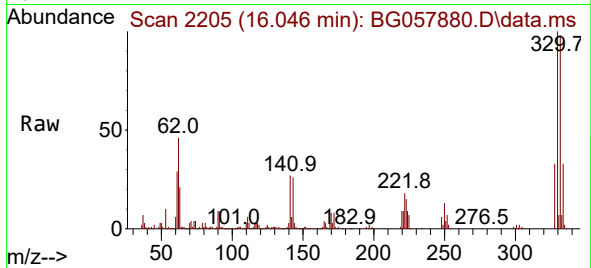




#67
4-Bromophenyl-phenylether
Concen: 5.614 ng
RT: 16.046 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG057880.D
Acq: 28 Jun 2023 00:09

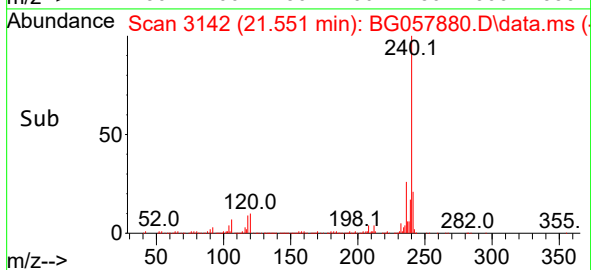
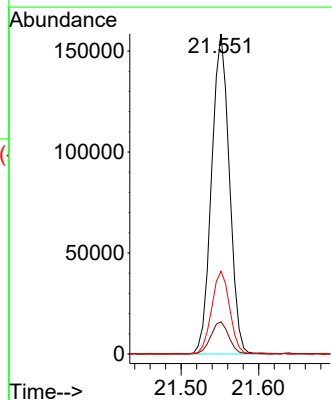
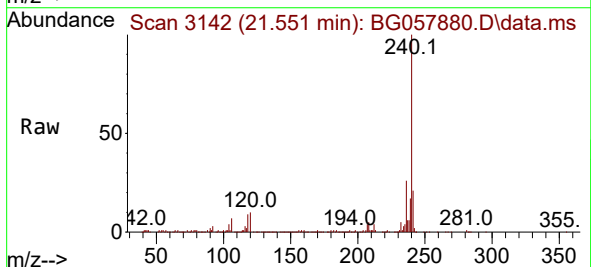
Instrument :
BNA_G
ClientSampleId :
MW-12

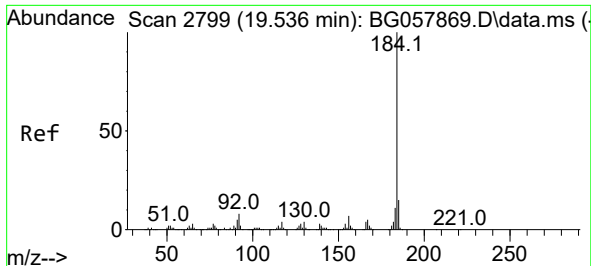
Tgt Ion:248 Resp: 17532
Ion Ratio Lower Upper
248 100
250 192.8 79.7 119.5#
141 417.2 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.551 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BG057880.D
Acq: 28 Jun 2023 00:09

Tgt Ion:240 Resp: 252555
Ion Ratio Lower Upper
240 100
120 10.0 8.1 12.1
236 25.9 21.9 32.9

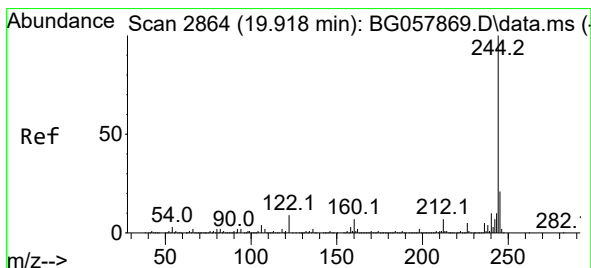
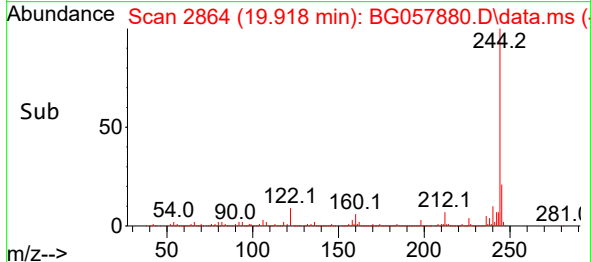
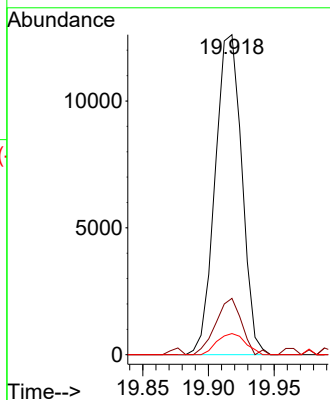
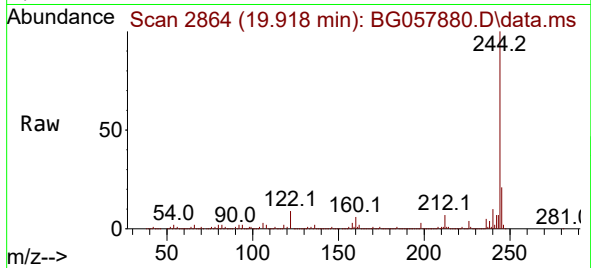




#77
Benzidine
Concen: 3.009 ng
RT: 19.918 min Scan# 21
Delta R.T. 0.382 min
Lab File: BG057880.D
Acq: 28 Jun 2023 00:09

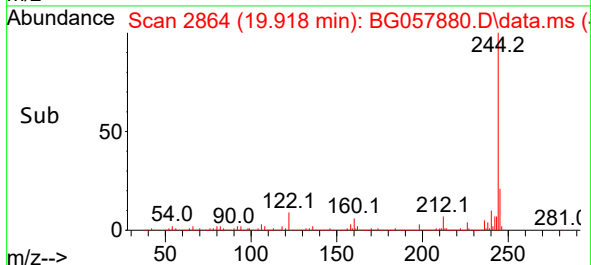
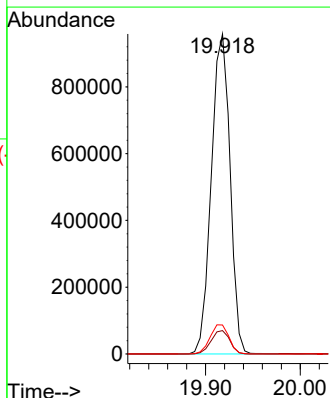
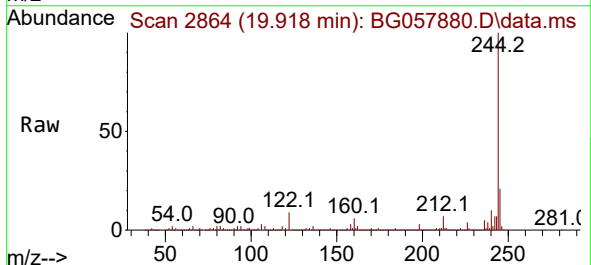
Instrument :
BNA_G
ClientSampleId :
MW-12

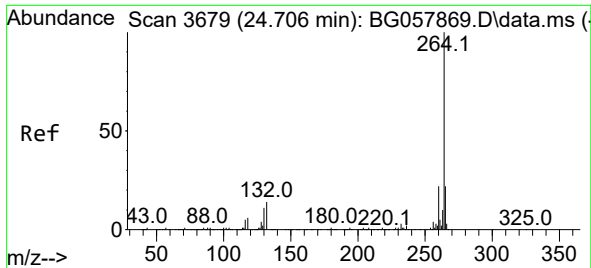
Tgt Ion:184 Resp: 17831
Ion Ratio Lower Upper
184 100
185 17.6 11.7 17.5#
183 6.6 9.0 13.4#



#79
Terphenyl-d14
Concen: 94.687 ng
RT: 19.918 min Scan# 2864
Delta R.T. 0.000 min
Lab File: BG057880.D
Acq: 28 Jun 2023 00:09

Tgt Ion:244 Resp: 1311713
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 9.1 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.700 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG057880.D
 Acq: 28 Jun 2023 00:09

Instrument :
 BNA_G
 ClientSampleId :
 MW-12

Tgt Ion:264 Resp: 300351
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.8 26.8
 265 21.1 17.3 25.9

