

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041123\
 Data File : BG057057.D
 Acq On : 11 Apr 2023 17:39
 Operator : CG/JU
 Sample : 02271-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4-040723

Quant Time: Apr 12 04:42:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

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

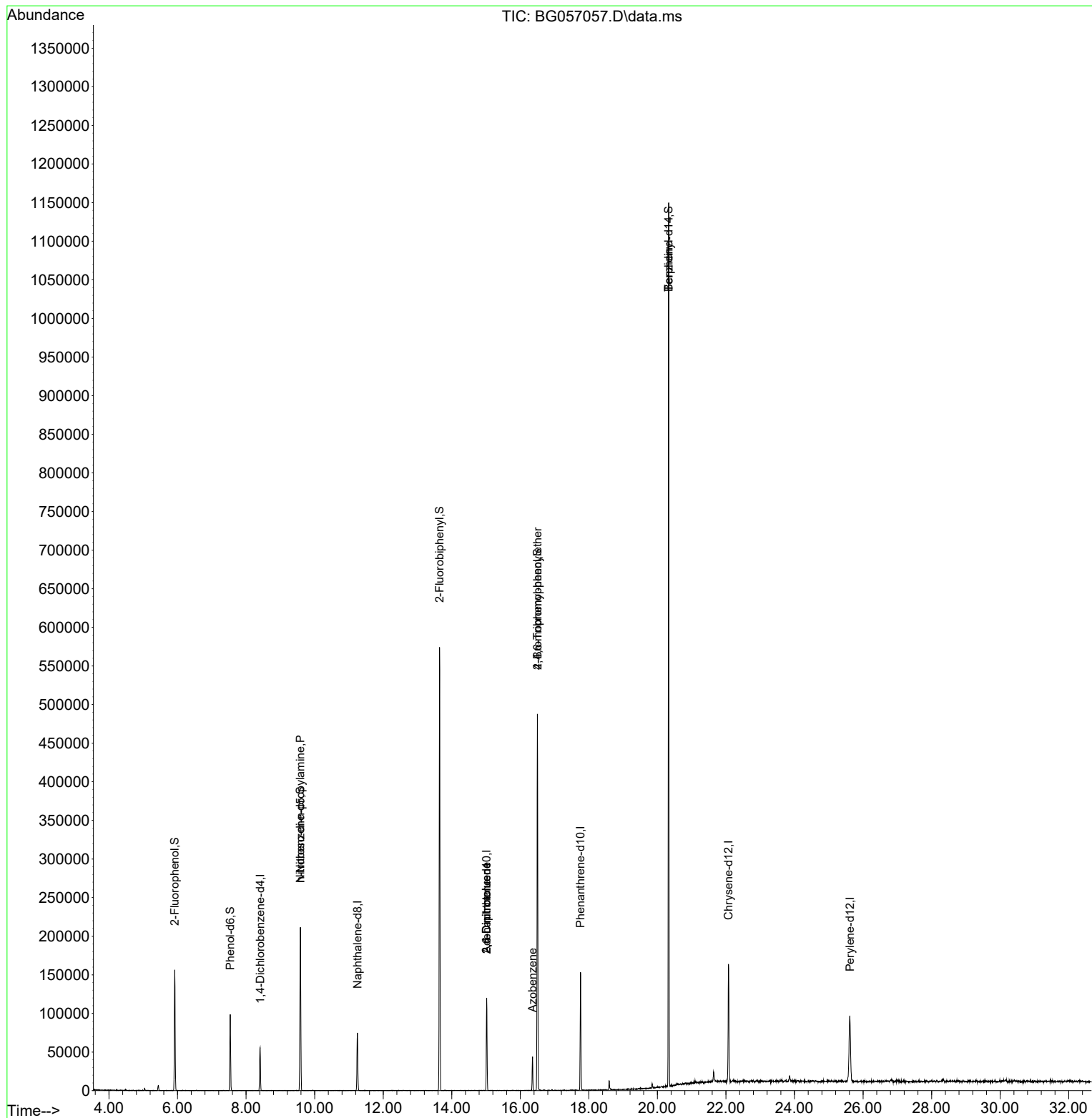
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.409	152	15142	20.000	ng	0.00
21) Naphthalene-d8	11.246	136	60264	20.000	ng	0.00
39) Acenaphthene-d10	15.017	164	41661	20.000	ng	0.00
64) Phenanthrene-d10	17.755	188	101674	20.000	ng	0.00
76) Chrysene-d12	22.073	240	97311	20.000	ng	#-0.01
86) Perylene-d12	25.615	264	103882	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	66211	69.982	ng	0.00
7) Phenol-d6	7.539	99	56870	40.190	ng	0.00
23) Nitrobenzene-d5	9.584	82	134615	91.400	ng	0.00
42) 2,4,6-Tribromophenol	16.498	330	98654	148.230	ng	0.00
45) 2-Fluorobiphenyl	13.643	172	294629	95.898	ng	0.00
79) Terphenyl-d14	20.328	244	554781	96.472	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.584	70	18404	18.184	ng	# 79
51) 2,6-Dinitrotoluene	15.017	165	5440	7.670	ng	# 18
57) 2,4-Dinitrotoluene	15.017	165	5440	5.438	ng	# 18
63) Azobenzene	16.357	77	13169	4.015	ng	# 1
67) 4-Bromophenyl-phenylether	16.498	248	5955	4.734	ng	# 1
77) Benzidine	20.328	184	9025	3.393	ng	97

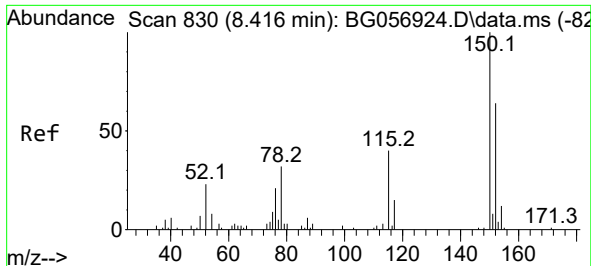
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041123\
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Misc :
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Quant Time: Apr 12 04:42:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 08 04:45:47 2023
Response via : Initial Calibration

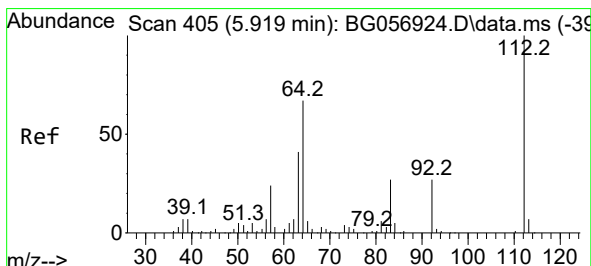
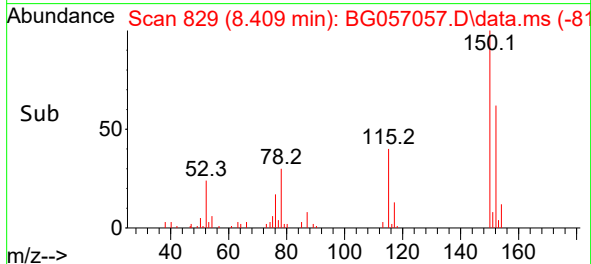
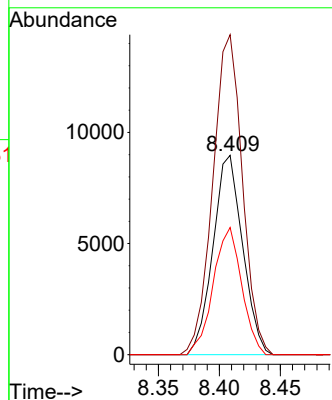
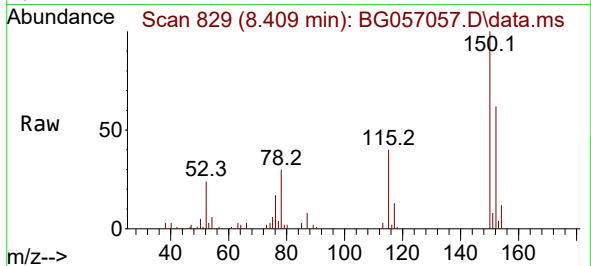




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.409 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG057057.D
Acq: 11 Apr 2023 17:39

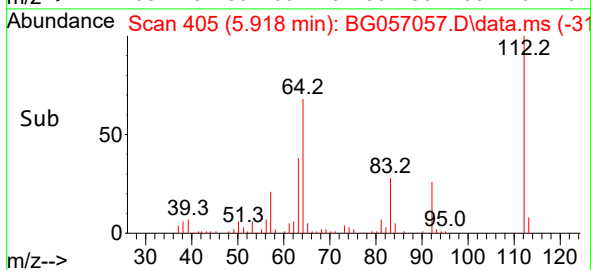
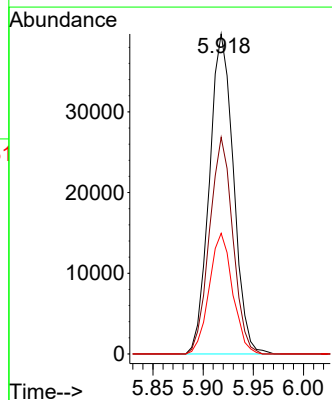
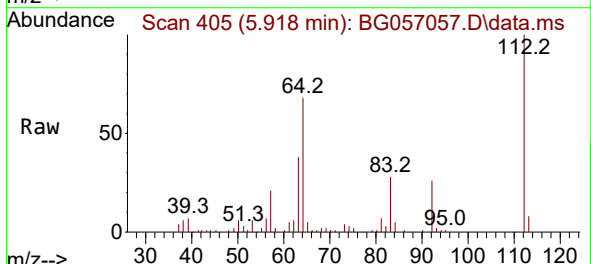
Instrument :
BNA_G
ClientSampleId :
MW-4-040723

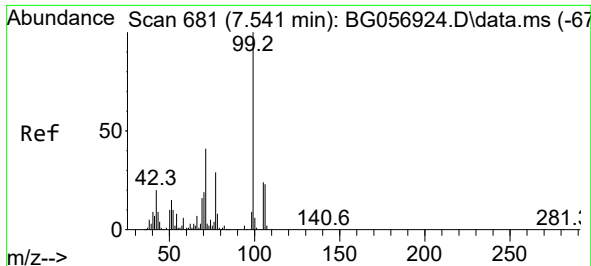
Tgt Ion:152 Resp: 15142
Ion Ratio Lower Upper
152 100
150 160.5 124.1 186.1
115 63.8 49.1 73.7



#5
2-Fluorophenol
Concen: 69.982 ng
RT: 5.918 min Scan# 405
Delta R.T. 0.001 min
Lab File: BG057057.D
Acq: 11 Apr 2023 17:39

Tgt Ion:112 Resp: 66211
Ion Ratio Lower Upper
112 100
64 67.7 53.2 79.8
63 37.7 32.6 48.8

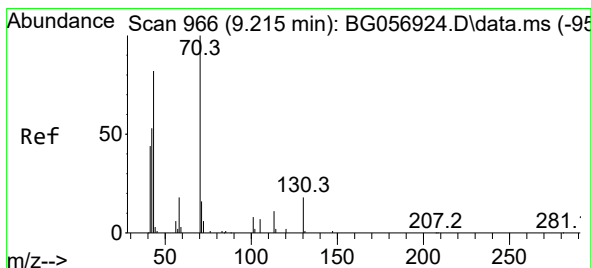
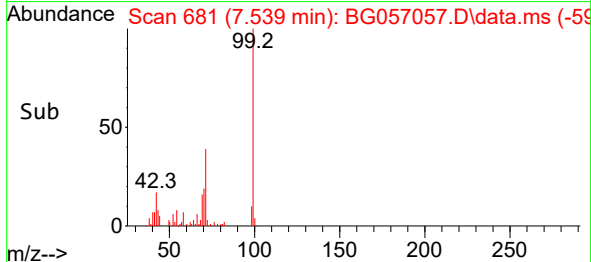
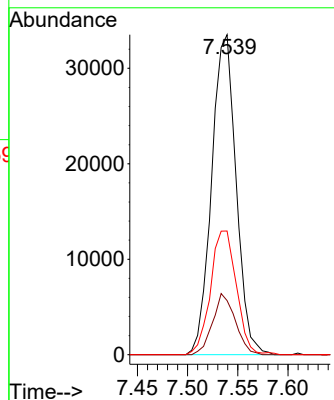
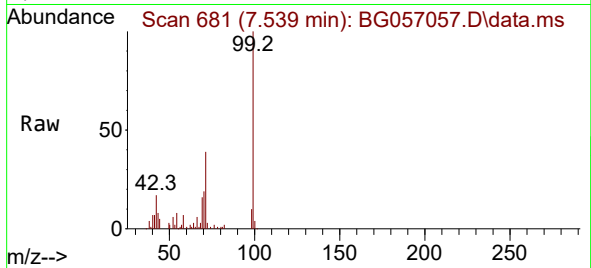




#7
Phenol-d6
Concen: 40.190 ng
RT: 7.539 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057057.D
Acq: 11 Apr 2023 17:39

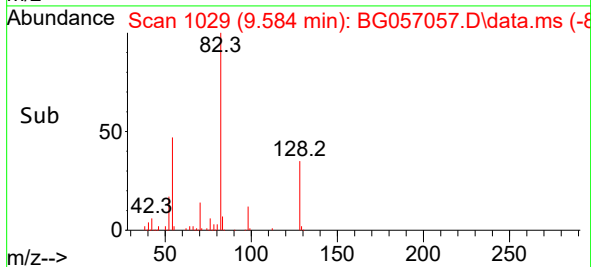
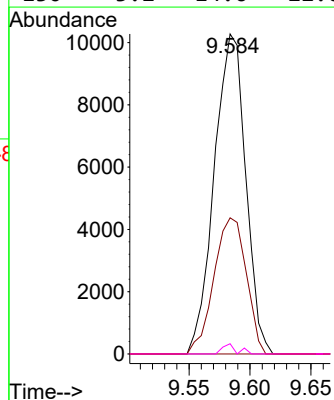
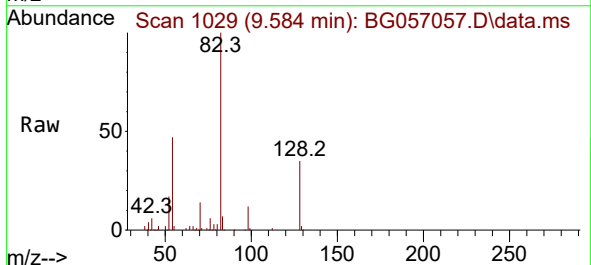
Instrument :
BNA_G
ClientSampleId :
MW-4-040723

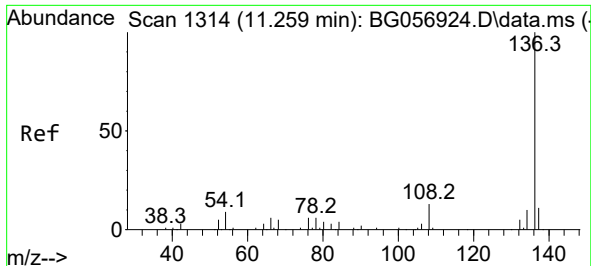
Tgt Ion: 99 Resp: 56870
Ion Ratio Lower Upper
99 100
42 16.9 15.7 23.5
71 38.7 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.184 ng
RT: 9.584 min Scan# 1029
Delta R.T. 0.371 min
Lab File: BG057057.D
Acq: 11 Apr 2023 17:39

Tgt Ion: 70 Resp: 18404
Ion Ratio Lower Upper
70 100
42 42.5 43.4 65.0#
101 0.0 6.2 9.2#
130 3.2 14.6 22.0#

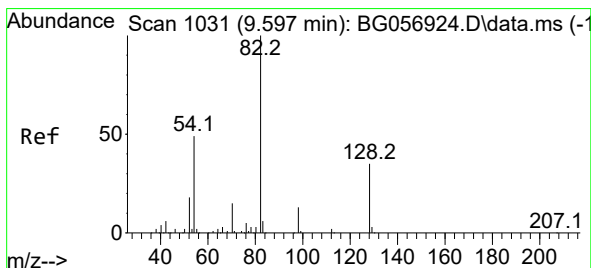
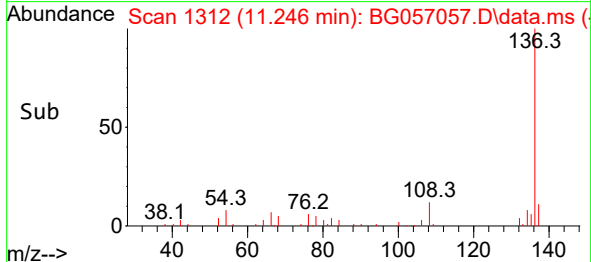
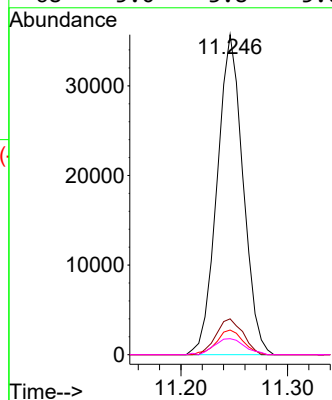
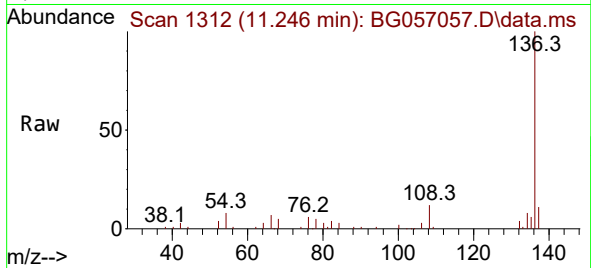




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.246 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057057.D
Acq: 11 Apr 2023 17:39

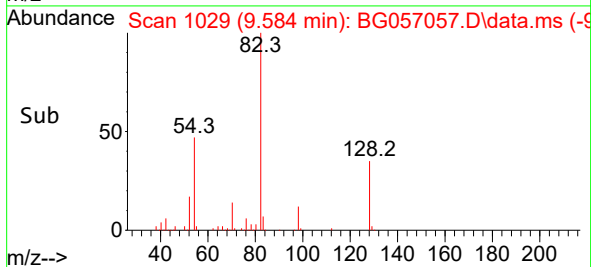
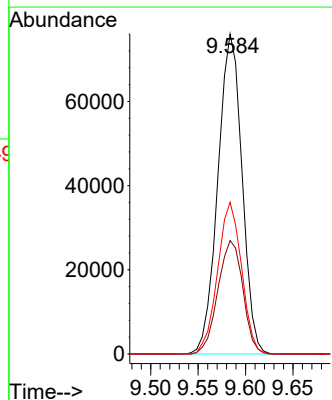
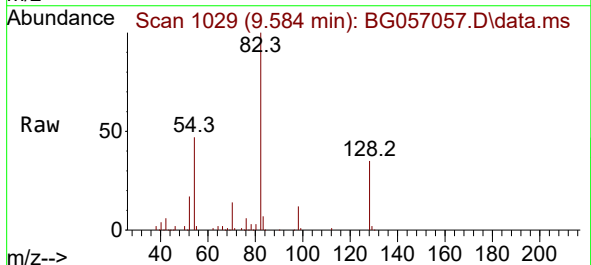
Instrument :
BNA_G
ClientSampleId :
MW-4-040723

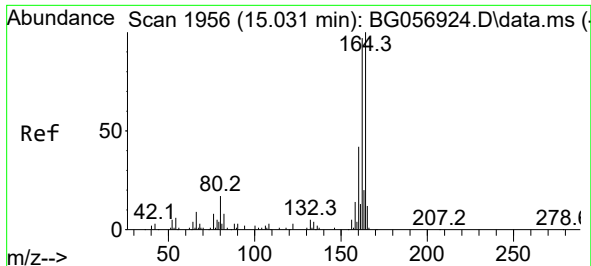
Tgt Ion:	136	Resp:	60264
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	13.0
54	7.7	6.9	10.3
68	5.0	3.8	5.6



#23
Nitrobenzene-d5
Concen: 91.400 ng
RT: 9.584 min Scan# 1029
Delta R.T. -0.005 min
Lab File: BG057057.D
Acq: 11 Apr 2023 17:39

Tgt Ion:	82	Resp:	134615
Ion Ratio	Lower	Upper	
82	100		
128	35.4	27.9	41.9
54	47.4	39.4	59.2

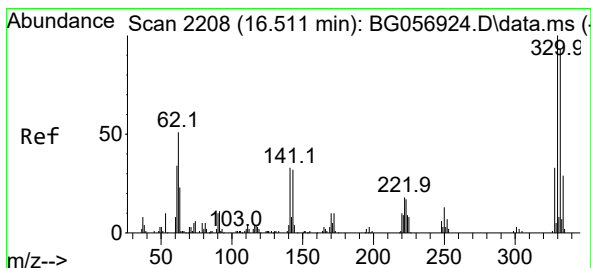
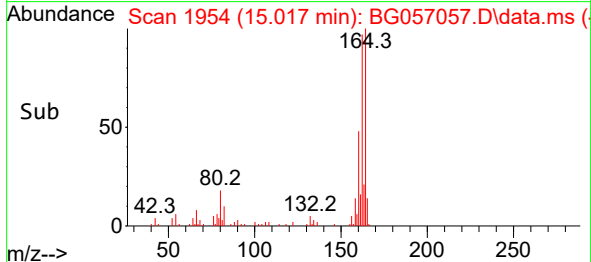
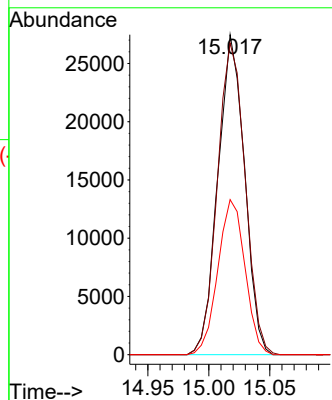
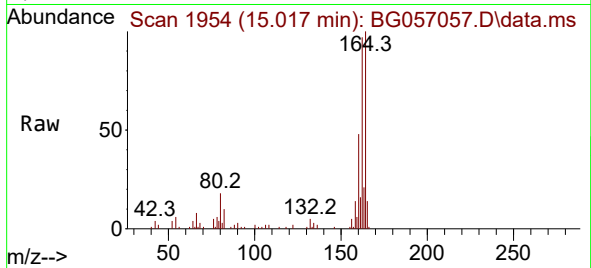




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.017 min Scan# 1954
Delta R.T. -0.005 min
Lab File: BG057057.D
Acq: 11 Apr 2023 17:39

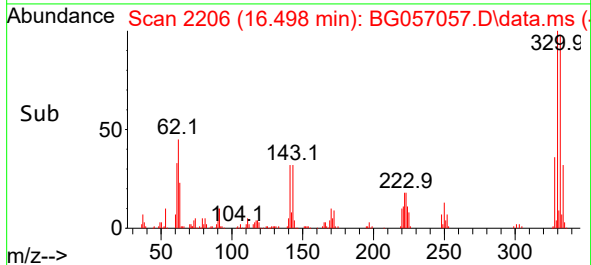
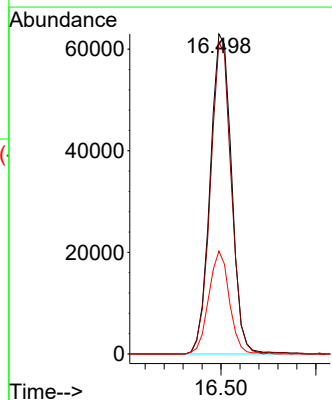
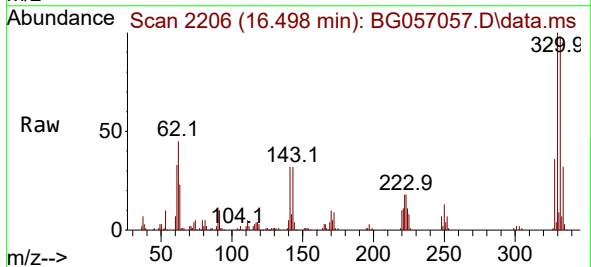
Instrument :
BNA_G
ClientSampleId :
MW-4-040723

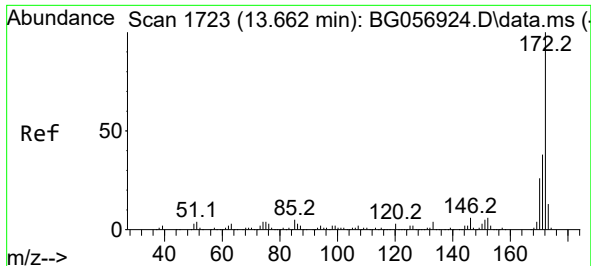
Tgt Ion:164 Resp: 41661
Ion Ratio Lower Upper
164 100
162 97.4 77.8 116.8
160 48.4 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 148.230 ng
RT: 16.498 min Scan# 2206
Delta R.T. -0.005 min
Lab File: BG057057.D
Acq: 11 Apr 2023 17:39

Tgt Ion:330 Resp: 98654
Ion Ratio Lower Upper
330 100
332 95.0 76.1 114.1
141 30.9 25.8 38.6

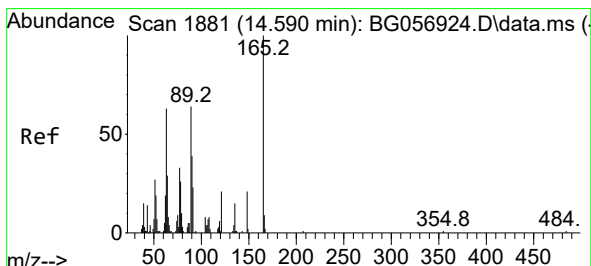
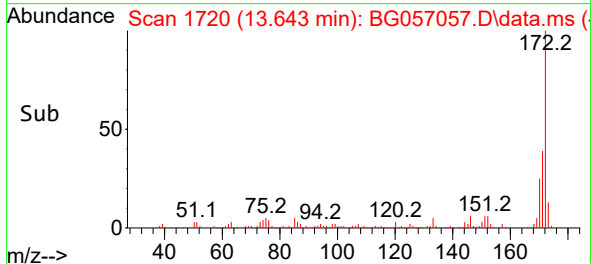
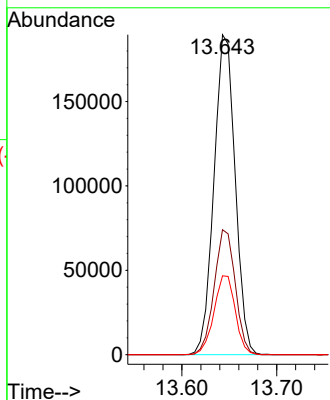
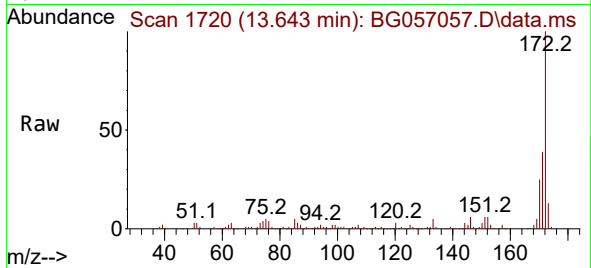




#45
2-Fluorobiphenyl
Concen: 95.898 ng
RT: 13.643 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG057057.D
Acq: 11 Apr 2023 17:39

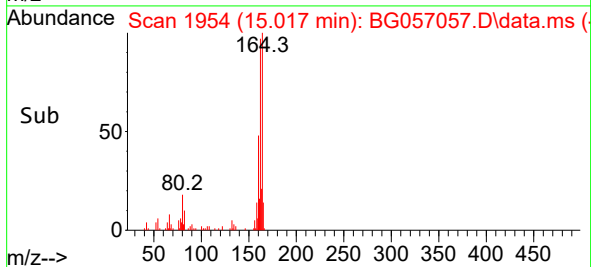
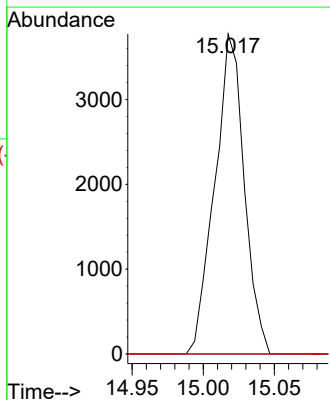
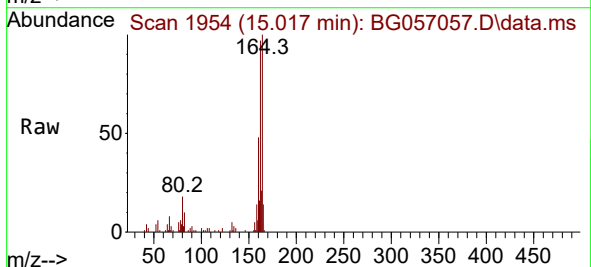
Instrument :
BNA_G
ClientSampleId :
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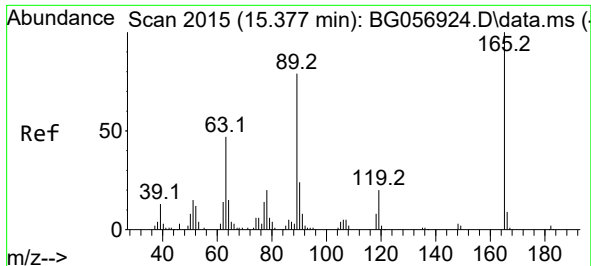
Tgt Ion:172 Resp: 294629
Ion Ratio Lower Upper
172 100
171 39.0 30.6 46.0
170 24.7 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.670 ng
RT: 15.017 min Scan# 1954
Delta R.T. 0.430 min
Lab File: BG057057.D
Acq: 11 Apr 2023 17:39

Tgt Ion:165 Resp: 5440
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.438 ng

RT: 15.017 min Scan# 1954

Delta R.T. -0.351 min

Lab File: BG057057.D

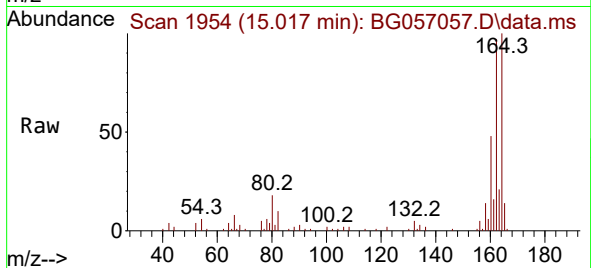
Acq: 11 Apr 2023 17:39

Instrument :

BNA_G

ClientSampleId :

MW-4-040723



Tgt Ion:165 Resp: 5440

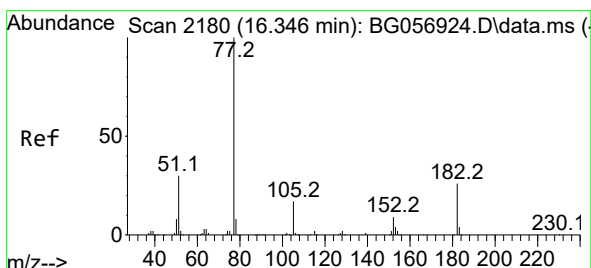
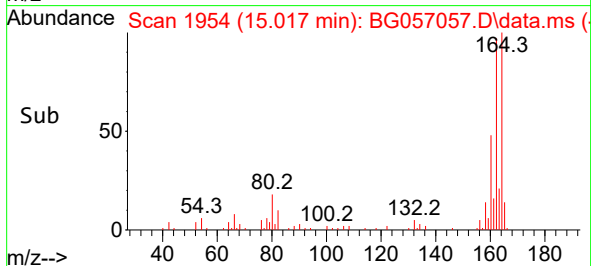
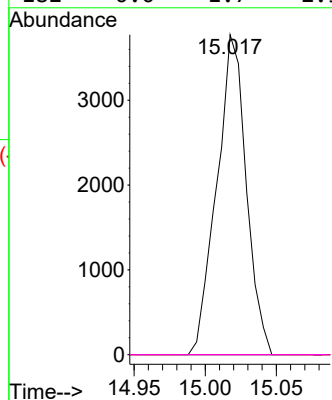
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 0.0 63.2 94.8#

182 0.0 1.7 2.5#



#63

Azobenzene

Concen: 4.015 ng

RT: 16.357 min Scan# 2182

Delta R.T. 0.019 min

Lab File: BG057057.D

Acq: 11 Apr 2023 17:39

Tgt Ion: 77 Resp: 13169

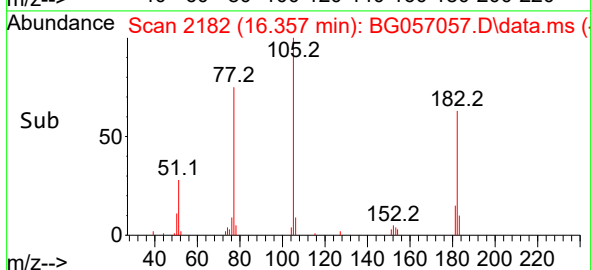
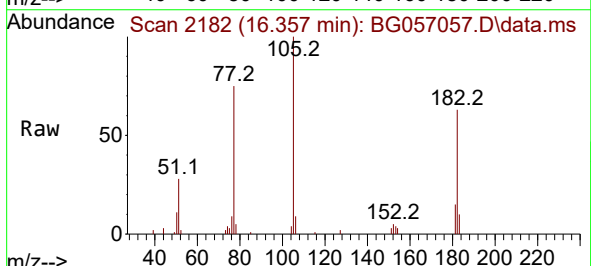
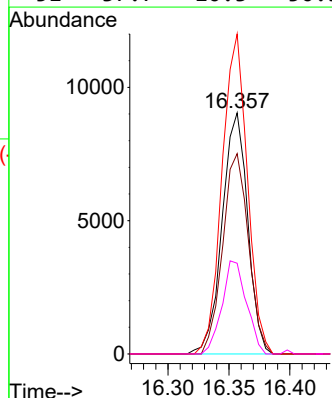
Ion Ratio Lower Upper

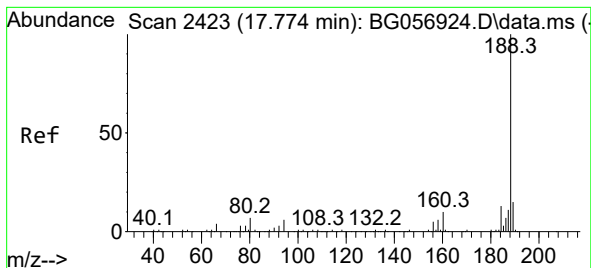
77 100

182 83.1 5.9 45.9#

105 132.7 0.0 36.8#

51 37.7 10.3 50.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.755 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG057057.D

Acq: 11 Apr 2023 17:39

Instrument :

BNA_G

ClientSampleId :

MW-4-040723

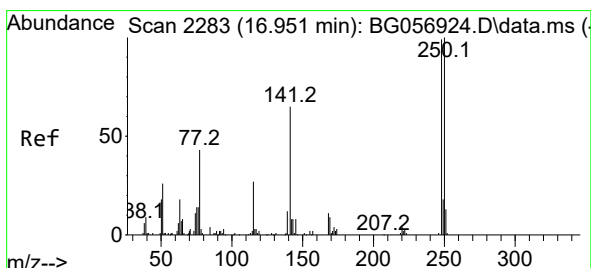
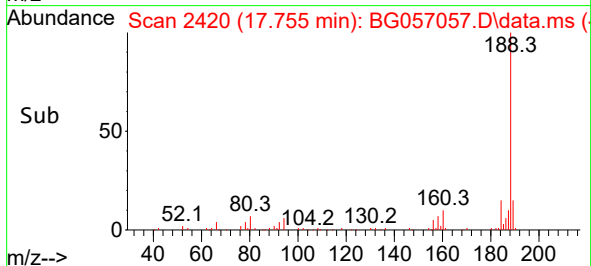
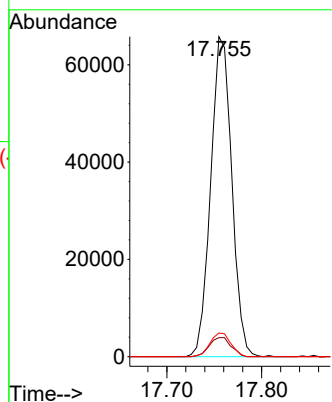
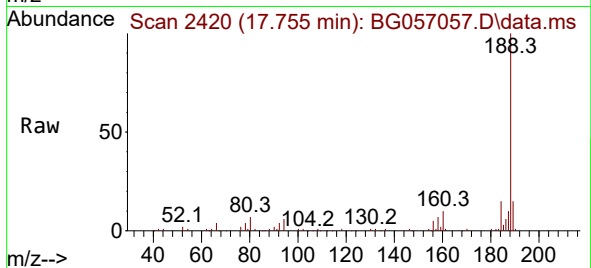
Tgt Ion:188 Resp: 101674

Ion Ratio Lower Upper

188 100

94 5.9 4.6 6.8

80 7.4 5.5 8.3



#67

4-Bromophenyl-phenylether

Concen: 4.734 ng

RT: 16.498 min Scan# 2206

Delta R.T. -0.440 min

Lab File: BG057057.D

Acq: 11 Apr 2023 17:39

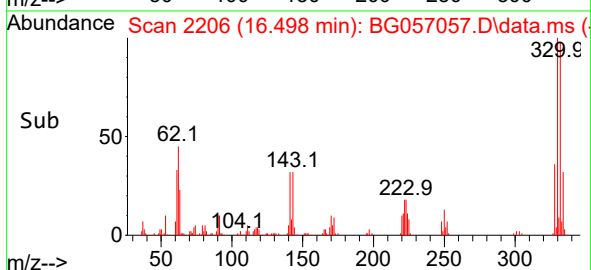
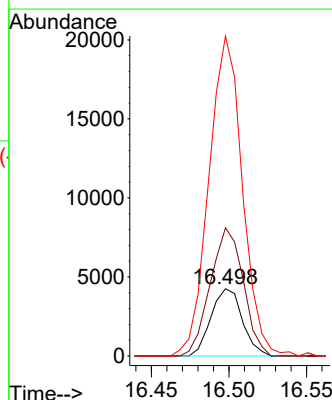
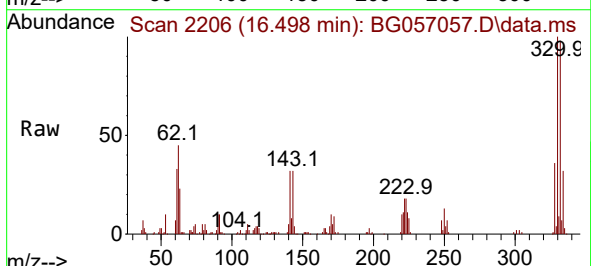
Tgt Ion:248 Resp: 5955

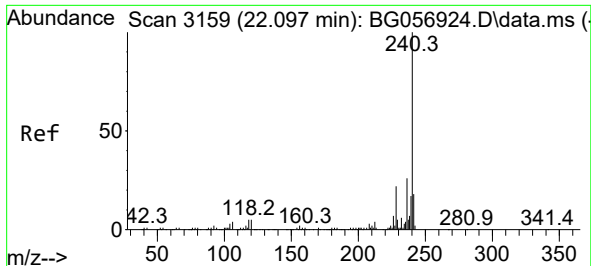
Ion Ratio Lower Upper

248 100

250 190.9 80.5 120.7#

141 476.6 52.0 78.0#

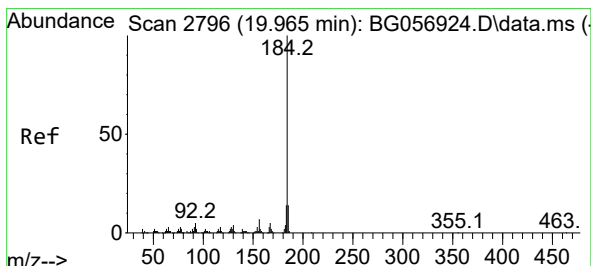
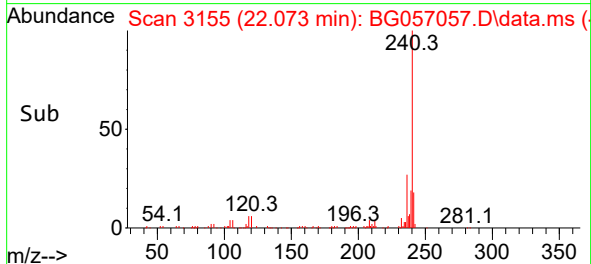
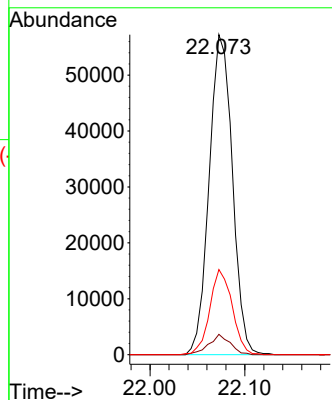
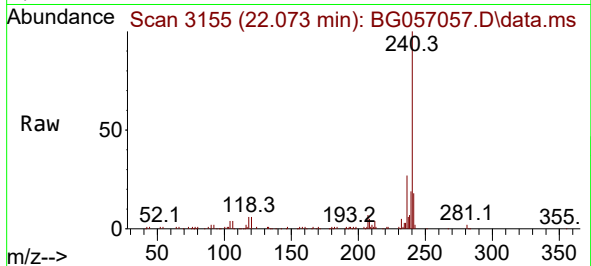




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.073 min Scan# 3159
Delta R.T. -0.011 min
Lab File: BG057057.D
Acq: 11 Apr 2023 17:39

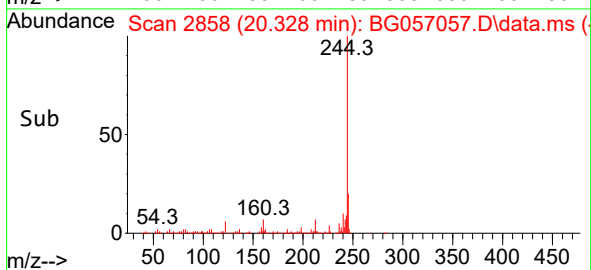
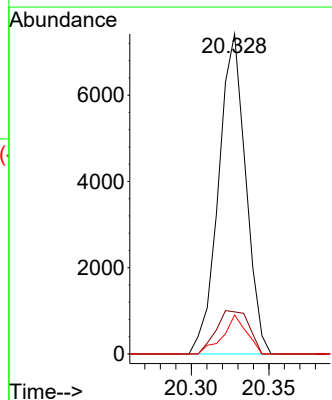
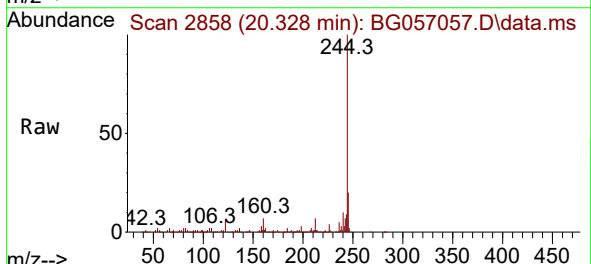
Instrument :
BNA_G
ClientSampleId :
MW-4-040723

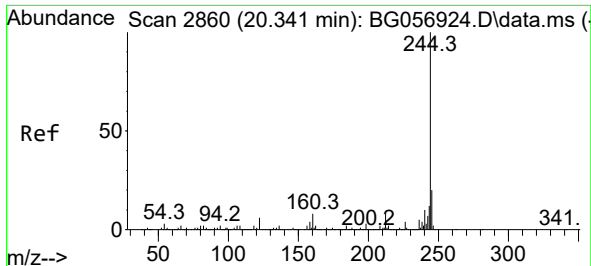
Tgt Ion:240 Resp: 97311
Ion Ratio Lower Upper
240 100
120 6.4 3.8 5.6#
236 26.6 21.0 31.6



#77
Benzidine
Concen: 3.393 ng
RT: 20.328 min Scan# 2858
Delta R.T. 0.377 min
Lab File: BG057057.D
Acq: 11 Apr 2023 17:39

Tgt Ion:184 Resp: 9025
Ion Ratio Lower Upper
184 100
185 13.2 11.0 16.4
183 12.2 11.4 17.0

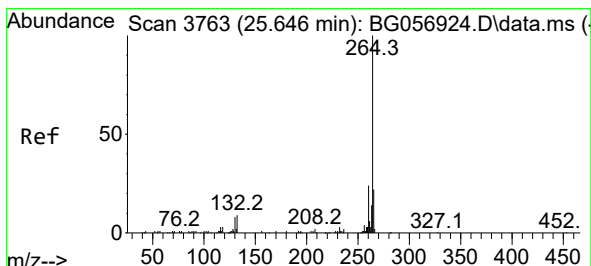
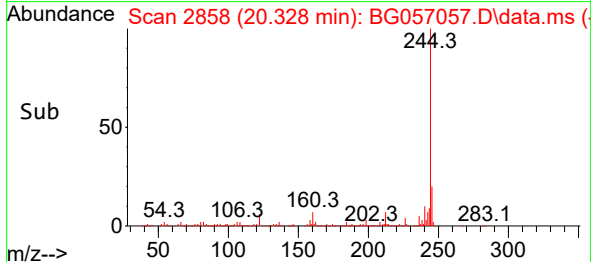
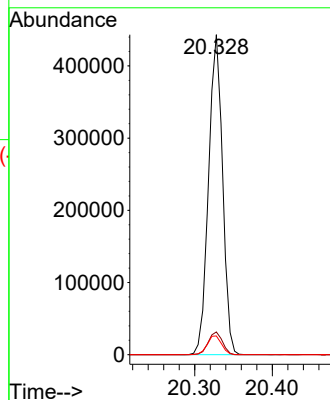
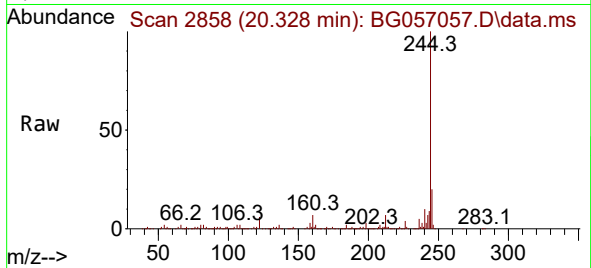




#79
 Terphenyl-d14
 Concen: 96.472 ng
 RT: 20.328 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG057057.D
 Acq: 11 Apr 2023 17:39

Instrument :
 BNA_G
 ClientSampleId :
 MW-4-040723

Tgt Ion:244 Resp: 554781
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 5.8 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.615 min Scan# 3758
 Delta R.T. -0.017 min
 Lab File: BG057057.D
 Acq: 11 Apr 2023 17:39

Tgt Ion:264 Resp: 103882
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.4
 265 19.7 17.8 26.6

