

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057839.D
 Acq On : 23 Jun 2023 12:41
 Operator : CG/JU
 Sample : 03291-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-5B

Quant Time: Jun 23 13:54:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

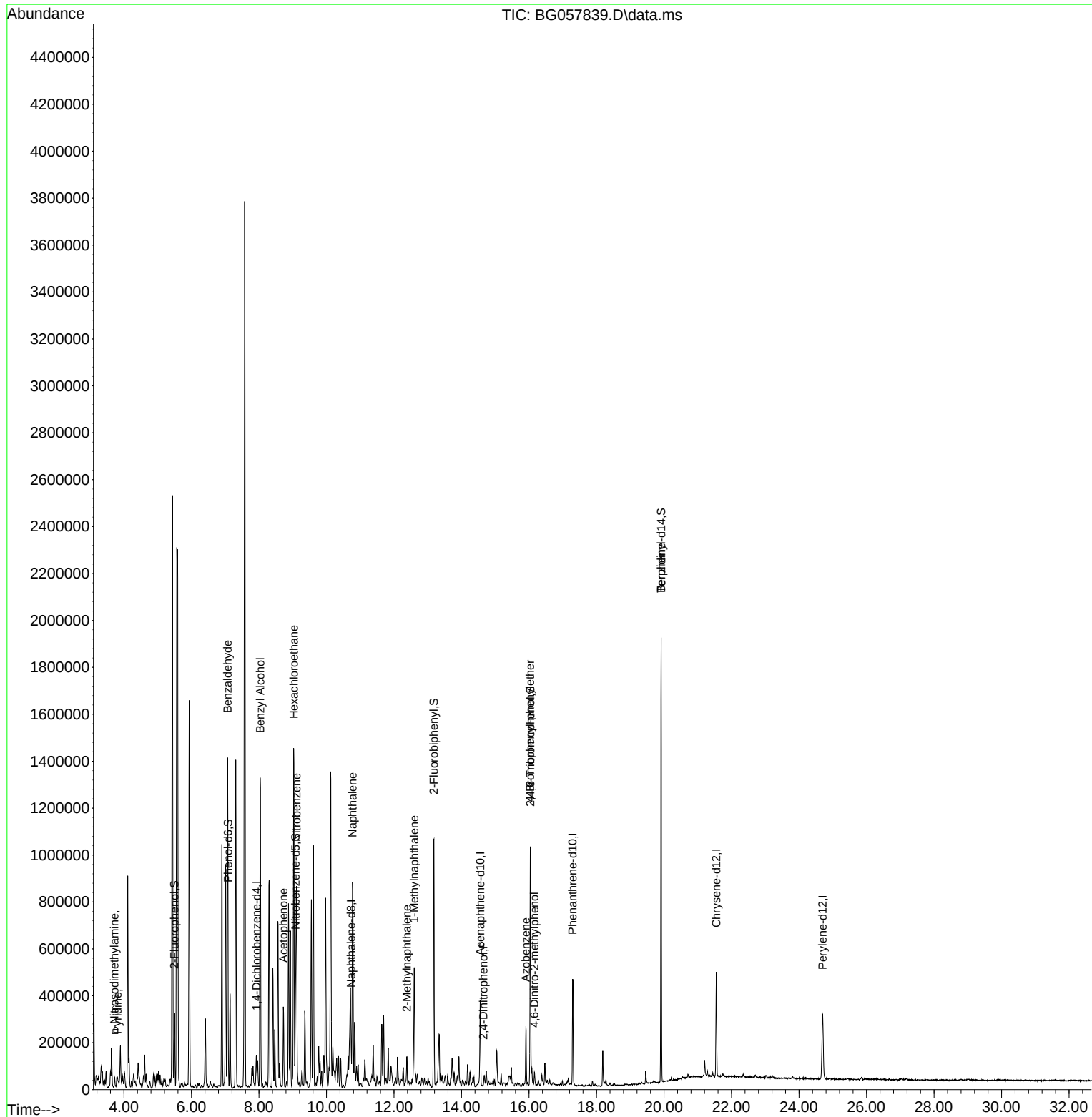
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	36491	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	157441	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	119930	20.000	ng	0.00
64) Phenanthrene-d10	17.295	188	283908	20.000	ng	-0.01
76) Chrysene-d12	21.549	240	246387	20.000	ng	-0.01
86) Perylene-d12	24.698	264	306602	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	115324	48.730	ng	0.00
7) Phenol-d6	7.083	99	93949	26.017	ng	0.00
23) Nitrobenzene-d5	9.087	82	245065	79.888	ng	0.00
42) 2,4,6-Tribromophenol	16.043	330	212769	127.360	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	576368	72.893	ng	0.00
79) Terphenyl-d14	19.915	244	985340	74.571	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.805	79	6896	2.102	ng	# 42
4) n-Nitrosodimethylamine	3.717	42	4654	3.104	ng	# 1
9) Benzaldehyde	7.071	77	98584	43.418	ng	# 1
15) Benzyl Alcohol	8.035	79	72584	26.287	ng	# 6
18) Hexachloroethane	9.034	117	192276	217.199	ng	# 1
22) Acetophenone	8.722	105	251348	56.931	ng	# 54
24) Nitrobenzene	9.110	77	27493	8.611	ng	# 1
31) Naphthalene	10.773	128	527085	62.903	ng	# 97
37) 2-Methylnaphthalene	12.383	142	54795	8.971	ng	96
38) 1-Methylnaphthalene	12.600	142	216564	37.561	ng	99
54) 2,4-Dinitrophenol	14.651	184	99	5.502	ng	# 42
63) Azobenzene	15.908	77	71231	7.369	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.161	198	1904	6.610	ng	84
67) 4-Bromophenyl-phenylether	16.037	248	14000	4.650	ng	# 1
77) Benzidine	19.915	184	12716	2.202	ng	# 91

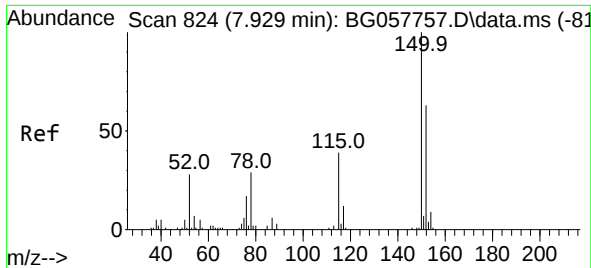
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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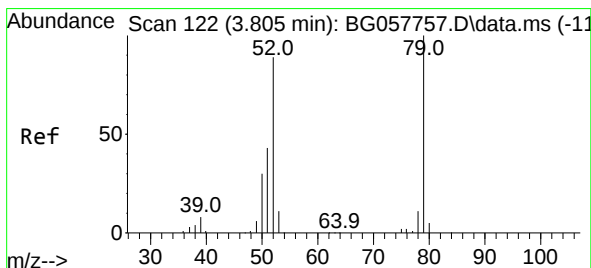
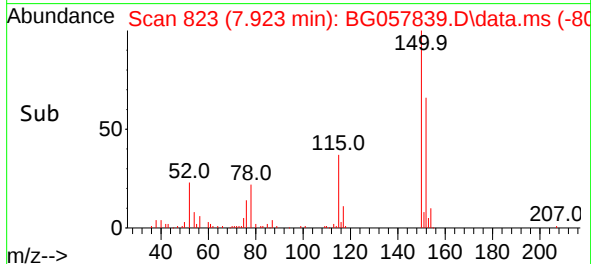
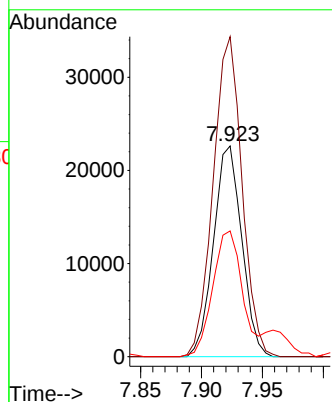
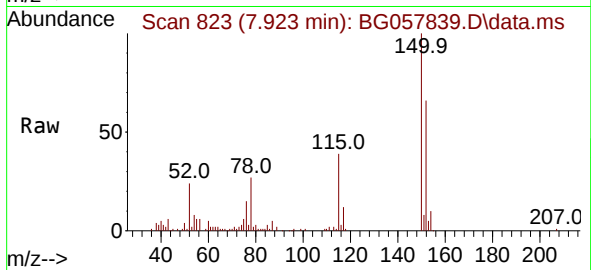




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

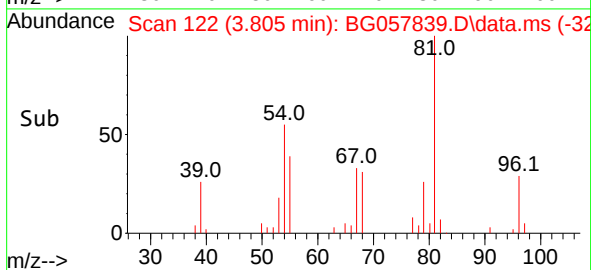
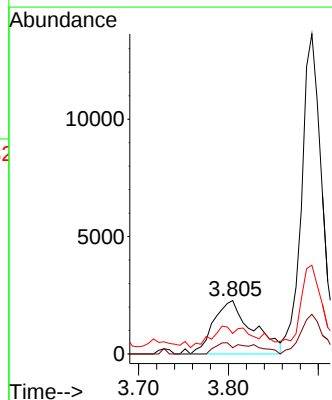
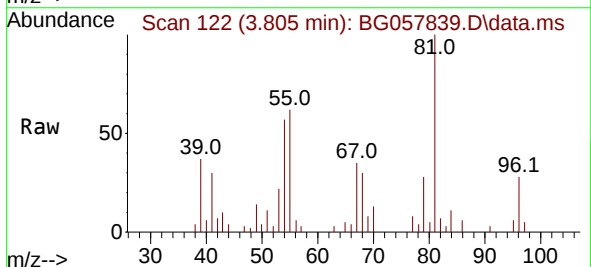
Instrument :
BNA_G
ClientSampleId :
MW-5B

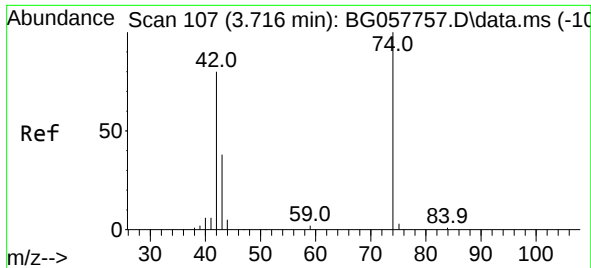
Tgt Ion:152 Resp: 36491
Ion Ratio Lower Upper
152 100
150 151.8 126.6 189.8
115 59.7 48.9 73.3



#3
Pyridine
Concen: 2.102 ng
RT: 3.805 min Scan# 122
Delta R.T. -0.000 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

Tgt Ion: 79 Resp: 6896
Ion Ratio Lower Upper
79 100
52 11.8 71.4 107.0#
51 38.2 34.9 52.3

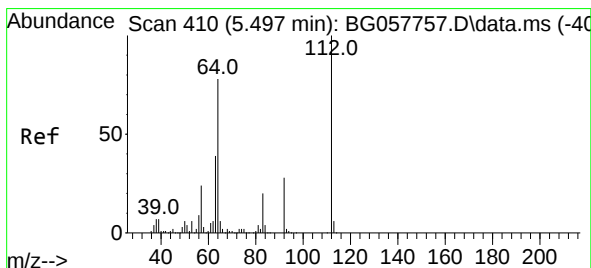
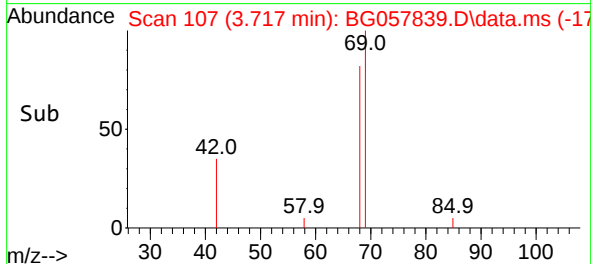
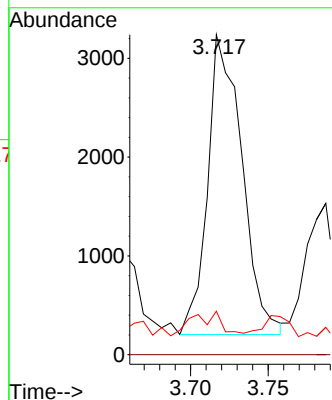
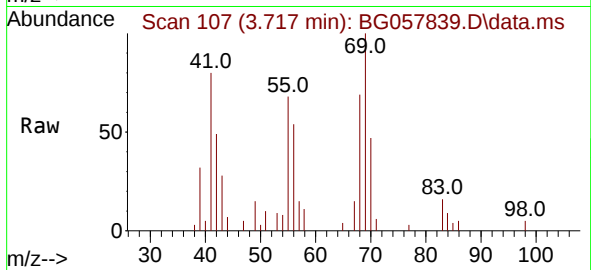




#4
n-Nitrosodimethylamine
Concen: 3.104 ng
RT: 3.717 min Scan# 107
Delta R.T. 0.001 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

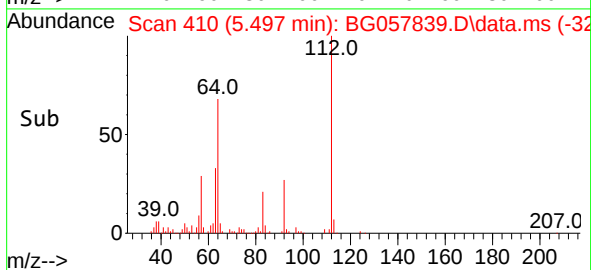
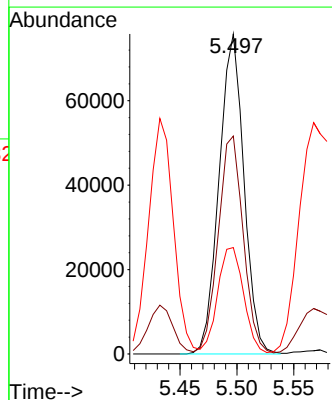
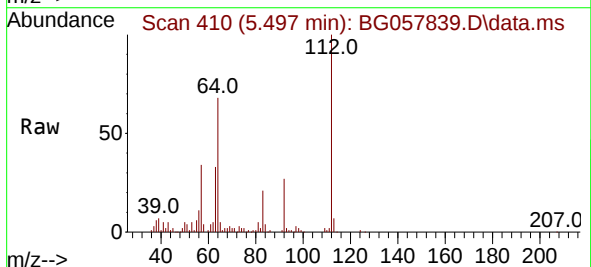
Instrument :
BNA_G
ClientSampleId :
MW-5B

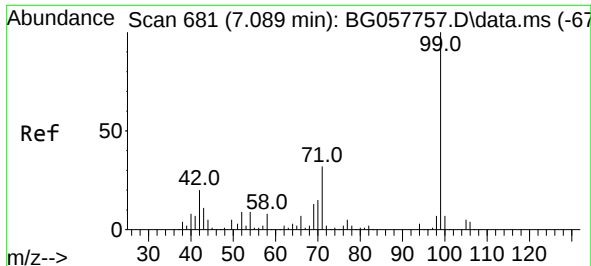
Tgt Ion: 42 Resp: 4654
Ion Ratio Lower Upper
42 100
74 0.0 99.9 149.9#
44 13.6 6.0 9.0#



#5
2-Fluorophenol
Concen: 48.730 ng
RT: 5.497 min Scan# 410
Delta R.T. -0.000 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

Tgt Ion: 112 Resp: 115324
Ion Ratio Lower Upper
112 100
64 68.1 62.1 93.1
63 33.3 31.5 47.3

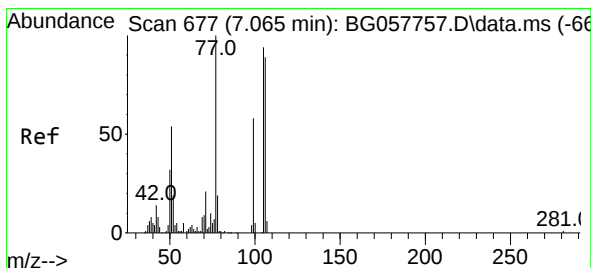
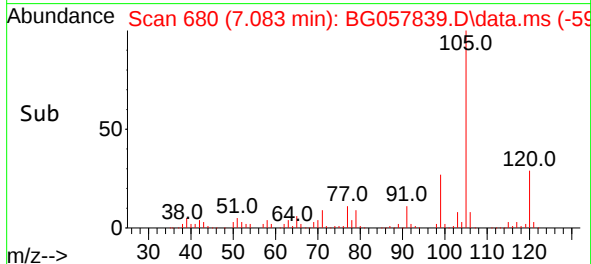
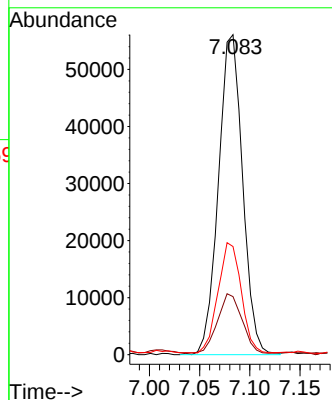
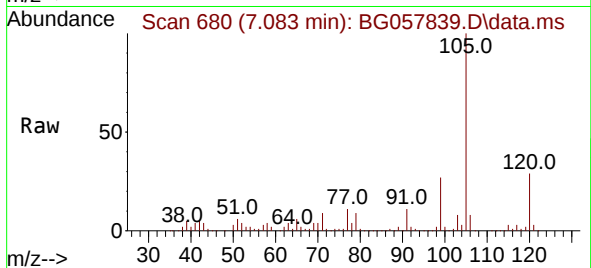




#7
Phenol-d6
Concen: 26.017 ng
RT: 7.083 min Scan# 610
Delta R.T. -0.006 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

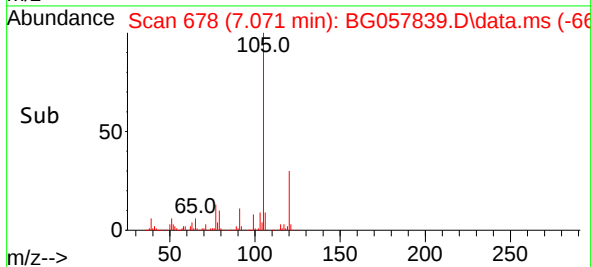
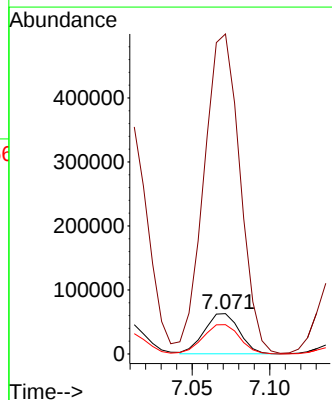
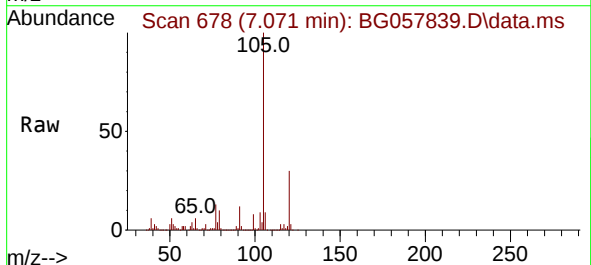
Instrument :
BNA_G
ClientSampleId :
MW-5B

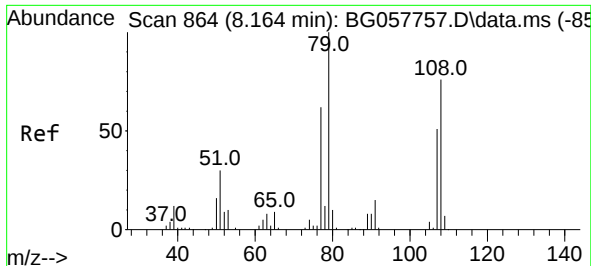
Tgt Ion: 99 Resp: 93949
Ion Ratio Lower Upper
99 100
42 18.2 16.4 24.6
71 33.8 25.8 38.6



#9
Benzaldehyde
Concen: 43.418 ng
RT: 7.071 min Scan# 678
Delta R.T. 0.006 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

Tgt Ion: 77 Resp: 98584
Ion Ratio Lower Upper
77 100
105 793.8 73.7 113.7#
106 72.6 69.0 109.0

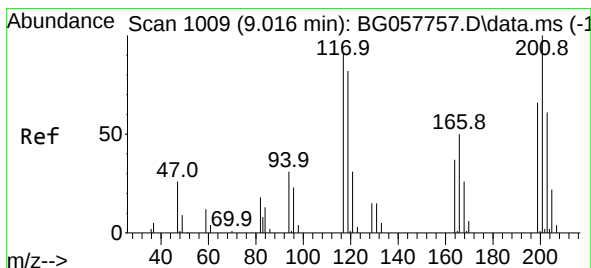
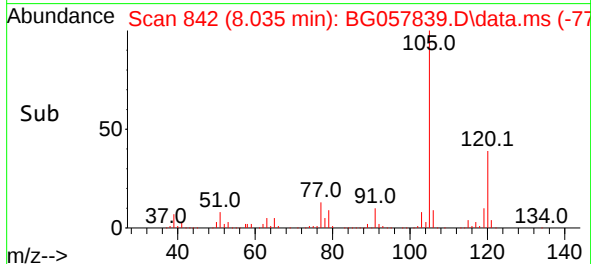
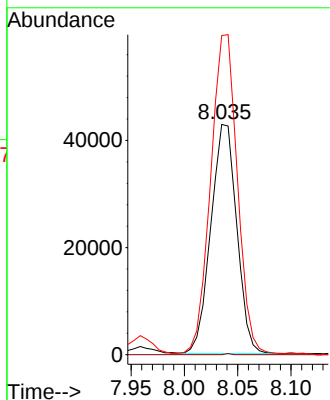
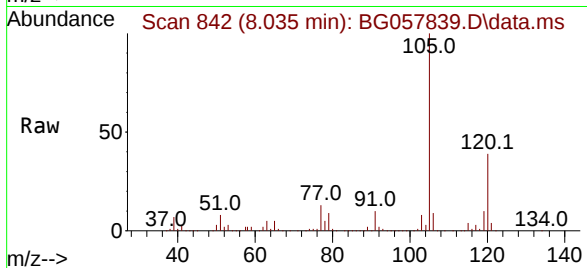




#15
Benzyl Alcohol
Concen: 26.287 ng
RT: 8.035 min Scan# 84
Delta R.T. -0.129 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

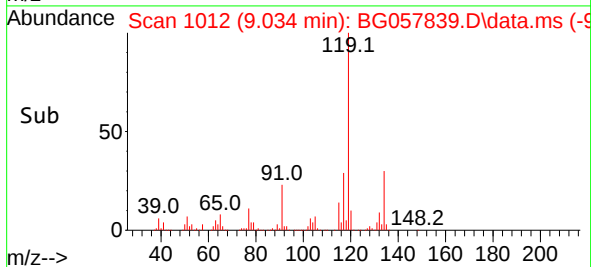
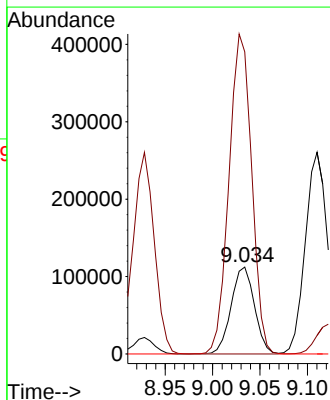
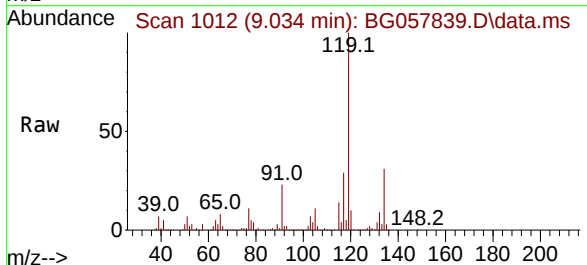
Instrument :
BNA_G
ClientSampleId :
MW-5B

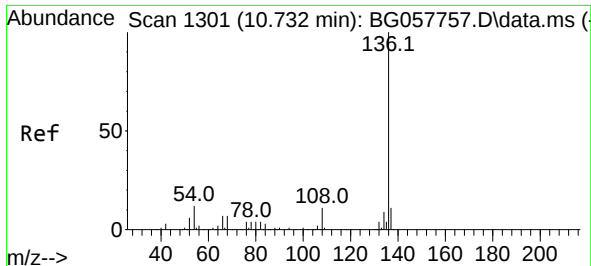
Tgt Ion: 79 Resp: 72584
Ion Ratio Lower Upper
79 100
108 0.0 60.5 90.7#
77 138.6 49.3 73.9#



#18
Hexachloroethane
Concen: 217.199 ng
RT: 9.034 min Scan# 1012
Delta R.T. 0.018 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

Tgt Ion: 117 Resp: 192276
Ion Ratio Lower Upper
117 100
119 347.8 72.3 108.5#
201 0.0 87.8 131.8#

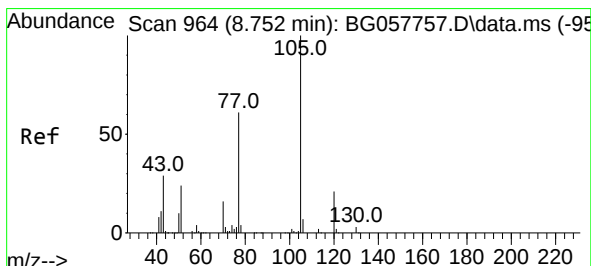
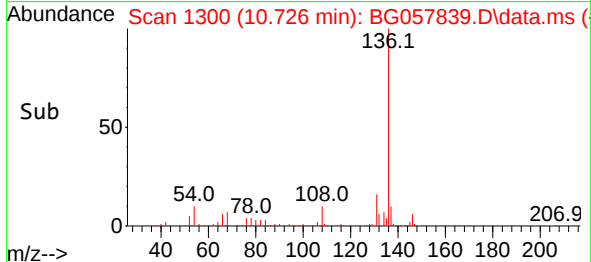
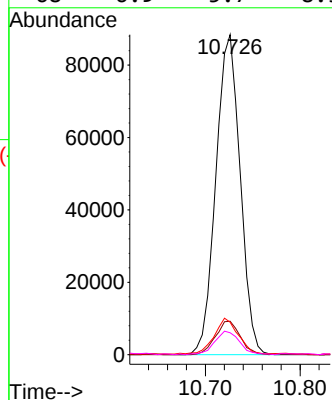
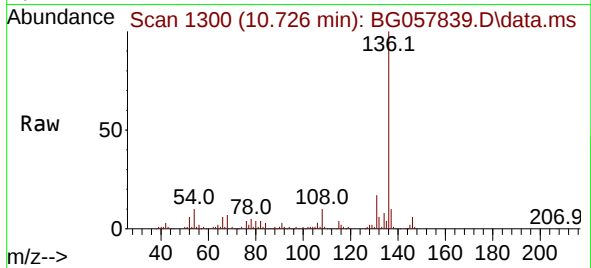




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 111
Delta R.T. -0.006 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

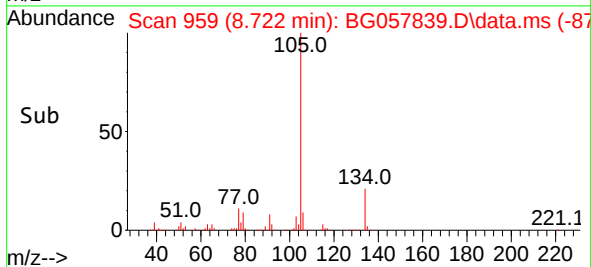
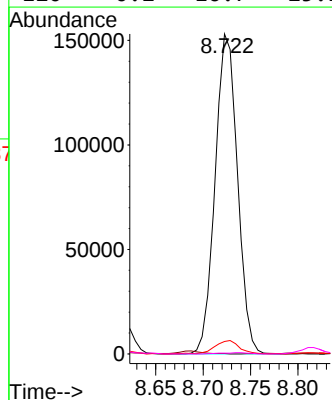
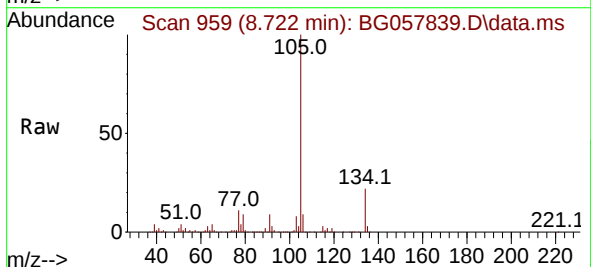
Instrument :
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ClientSampleId :
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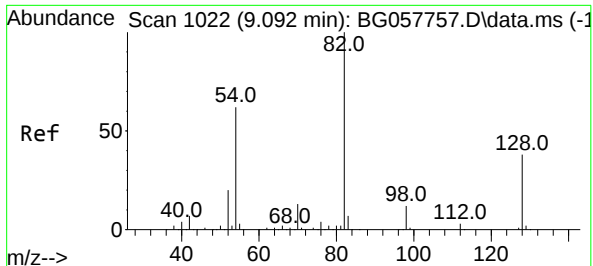
Tgt Ion:136 Resp: 157441
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 10.2 9.5 14.3
68 6.9 5.7 8.5



#22
Acetophenone
Concen: 56.931 ng
RT: 8.722 min Scan# 959
Delta R.T. -0.029 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

Tgt Ion:105 Resp: 251348
Ion Ratio Lower Upper
105 100
71 0.2 2.4 3.6#
51 3.9 25.9 38.9#
120 0.2 16.7 25.1#





#23

Nitrobenzene-d5

Concen: 79.888 ng

RT: 9.087 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BG057839.D

Acq: 23 Jun 2023 12:41

Instrument :

BNA_G

ClientSampleId :

MW-5B

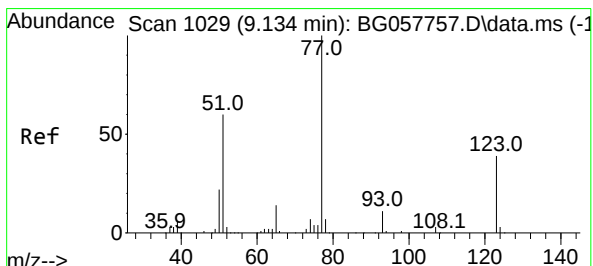
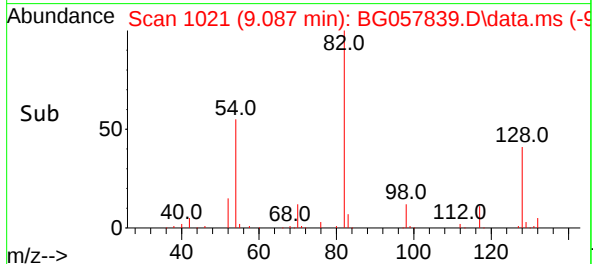
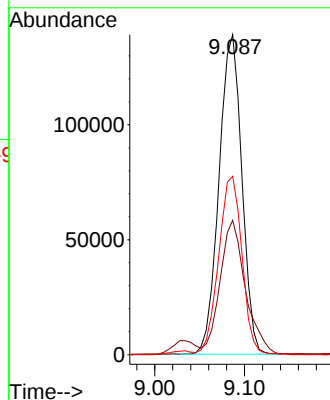
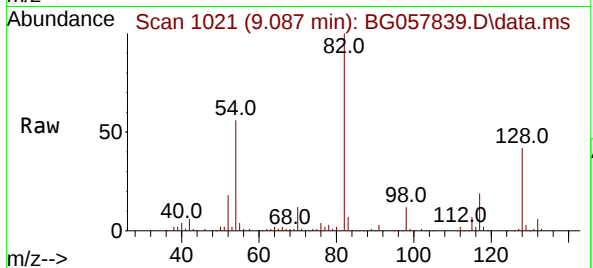
Tgt Ion: 82 Resp: 245065

Ion Ratio Lower Upper

82 100

128 42.0 30.7 46.1

54 55.8 49.6 74.4



#24

Nitrobenzene

Concen: 8.611 ng

RT: 9.110 min Scan# 1025

Delta R.T. -0.024 min

Lab File: BG057839.D

Acq: 23 Jun 2023 12:41

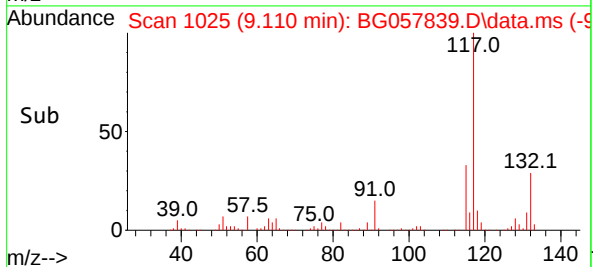
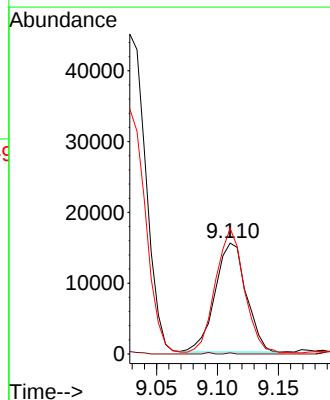
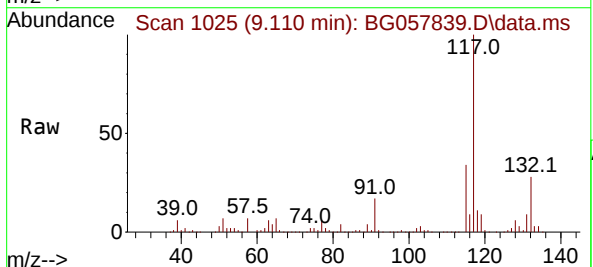
Tgt Ion: 77 Resp: 27493

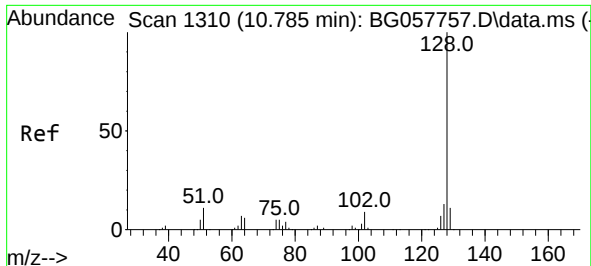
Ion Ratio Lower Upper

77 100

123 1.1 31.4 47.2#

65 113.4 11.2 16.8#

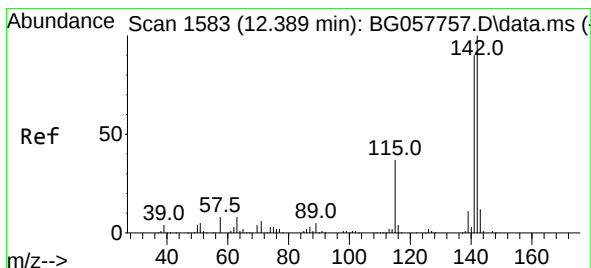
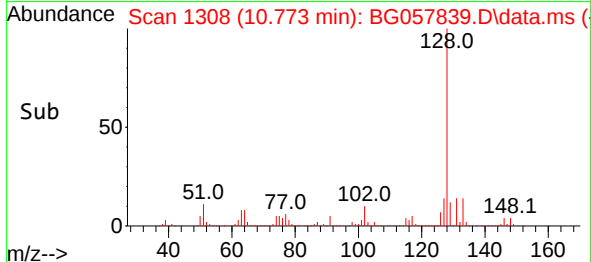
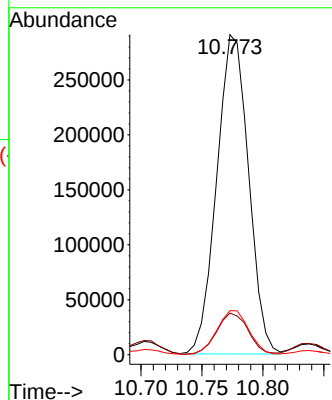
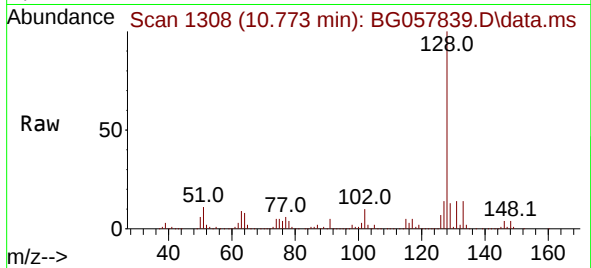




#31
Naphthalene
Concen: 62.903 ng
RT: 10.773 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

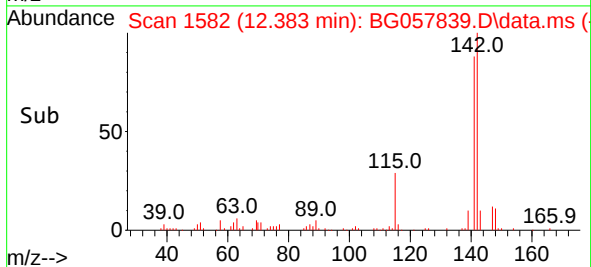
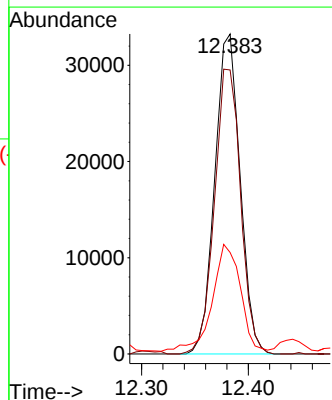
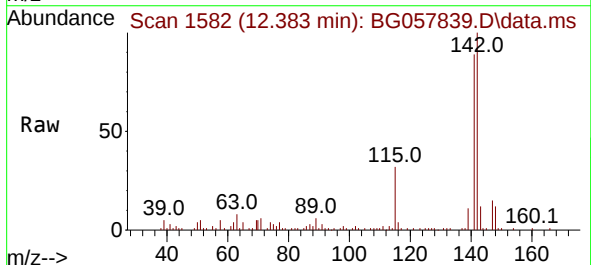
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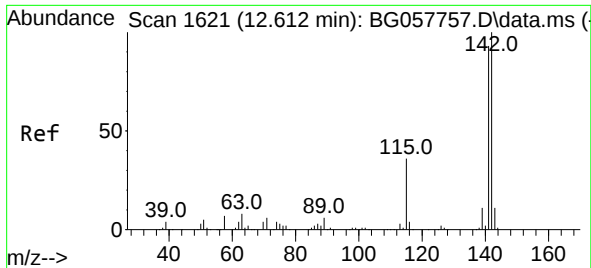
Tgt Ion:128 Resp: 527085
Ion Ratio Lower Upper
128 100
129 13.0 8.5 12.7#
127 13.8 10.7 16.1



#37
2-Methylnaphthalene
Concen: 8.971 ng
RT: 12.383 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

Tgt Ion:142 Resp: 54795
Ion Ratio Lower Upper
142 100
141 88.7 72.1 108.1
115 31.7 29.7 44.5

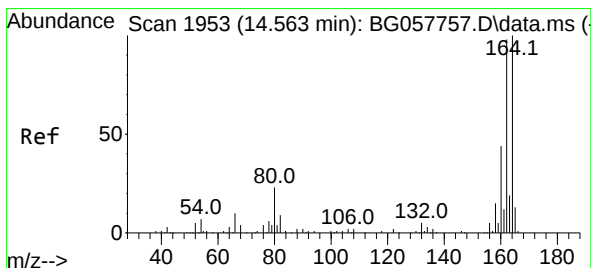
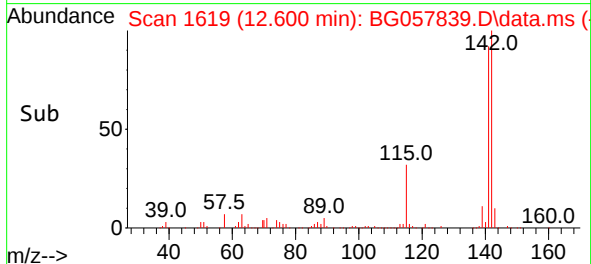
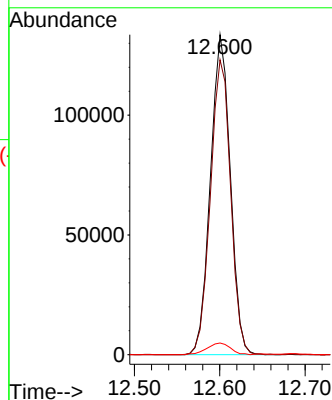
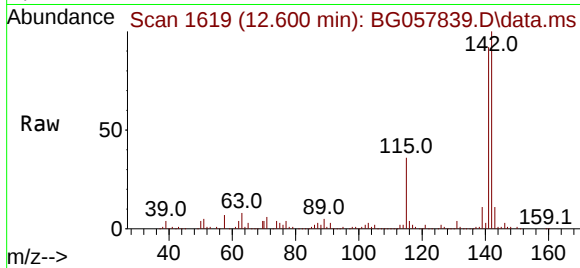




#38
1-Methylnaphthalene
Concen: 37.561 ng
RT: 12.600 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

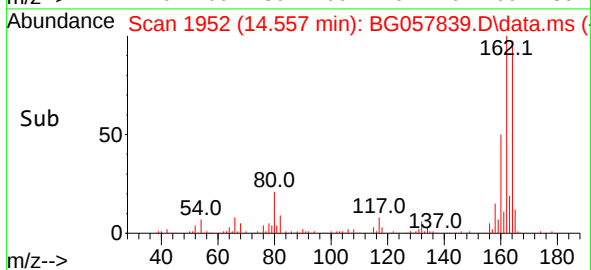
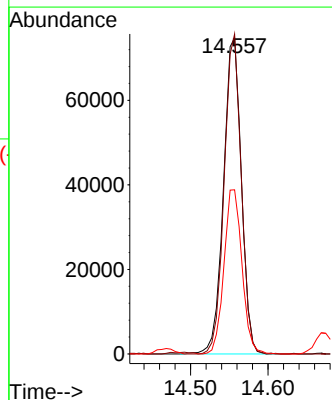
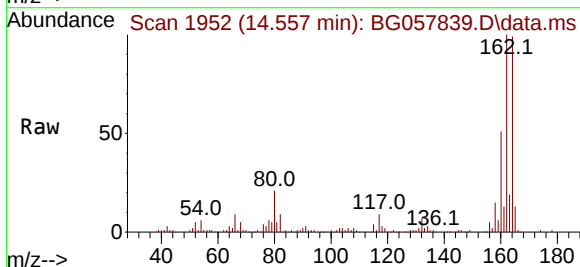
Instrument :
BNA_G
ClientSampleId :
MW-5B

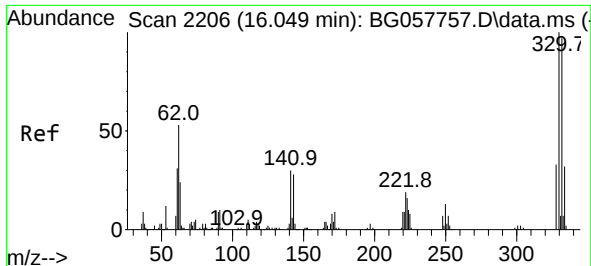
Tgt Ion:142 Resp: 216564
Ion Ratio Lower Upper
142 100
141 92.2 74.2 111.4
116 3.7 3.1 4.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

Tgt Ion:164 Resp: 119930
Ion Ratio Lower Upper
164 100
162 101.3 78.3 117.5
160 52.0 35.4 53.0

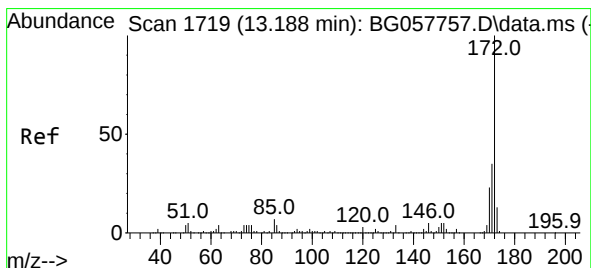
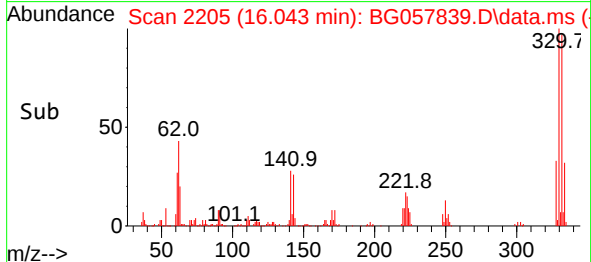
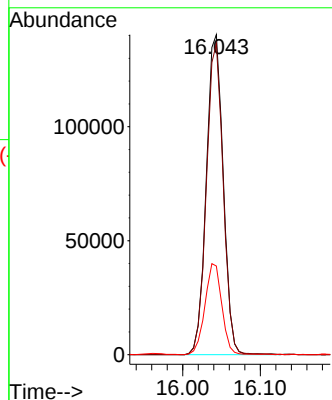
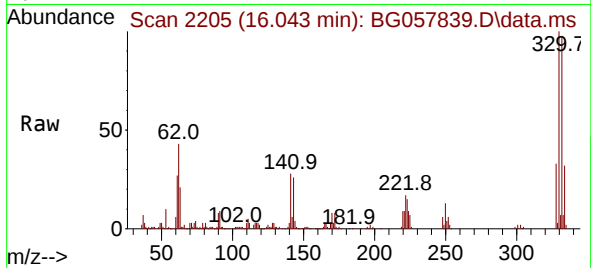




#42
2,4,6-Tribromophenol
Concen: 127.360 ng
RT: 16.043 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

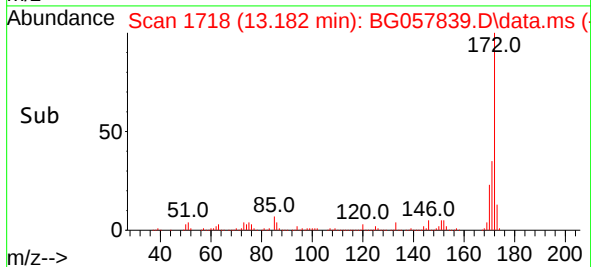
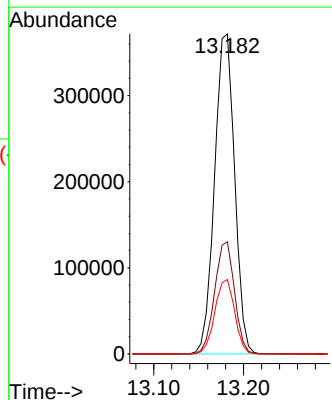
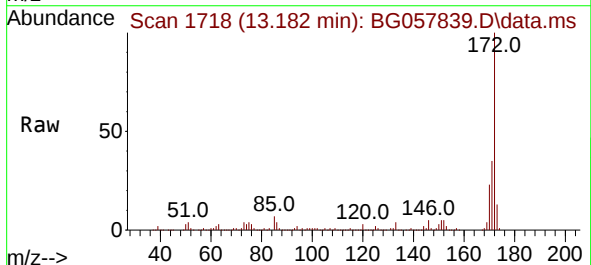
Instrument :
BNA_G
ClientSampleId :
MW-5B

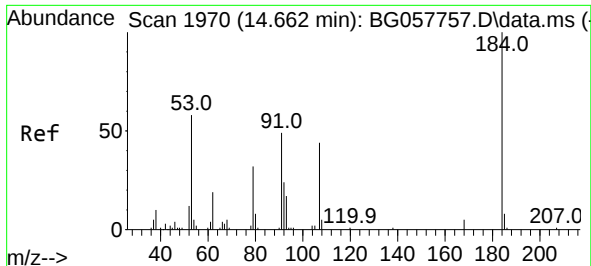
Tgt Ion:330 Resp: 212769
Ion Ratio Lower Upper
330 100
332 96.2 76.6 115.0
141 28.4 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 72.893 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

Tgt Ion:172 Resp: 576368
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.3 18.6 27.8

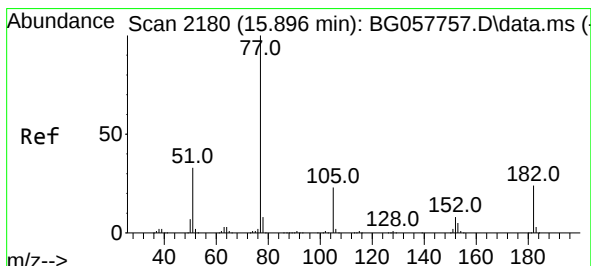
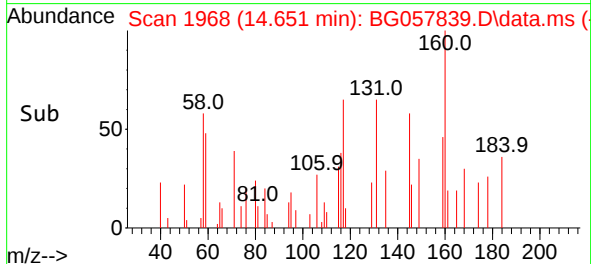
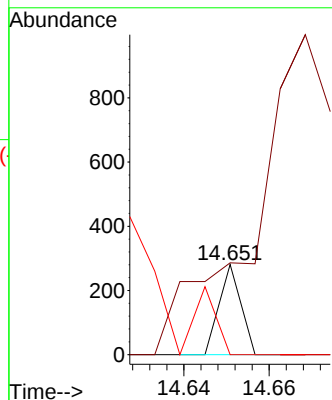
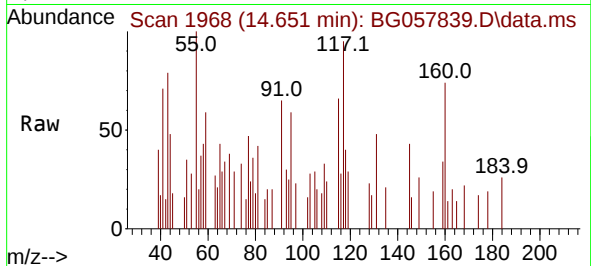




#54
2,4-Dinitrophenol
Concen: 5.502 ng
RT: 14.651 min Scan# 1970
Delta R.T. -0.011 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

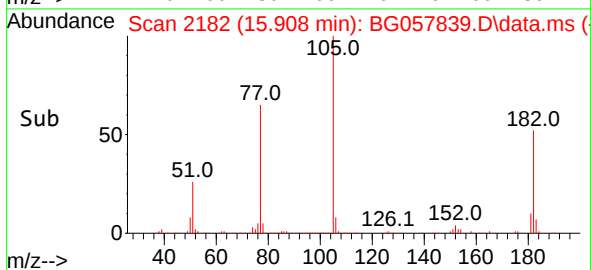
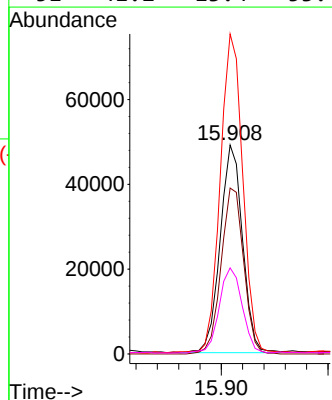
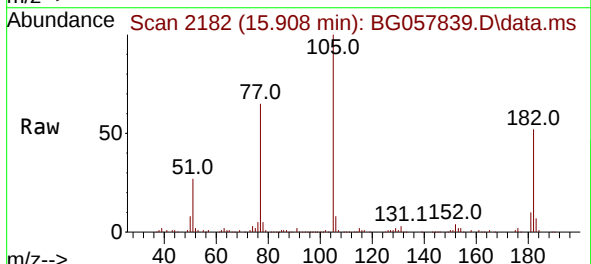
Instrument :
BNA_G
ClientSampleId :
MW-5B

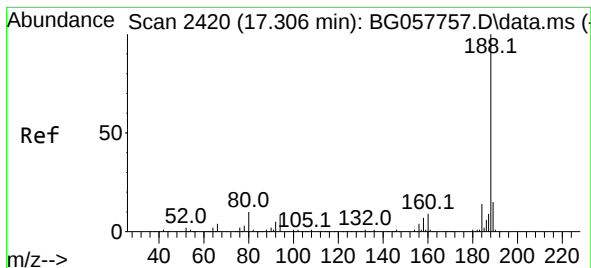
Tgt Ion:184 Resp: 99
Ion Ratio Lower Upper
184 100
63 101.8 55.2 82.8#
154 0.0 47.4 71.0#



#63
Azobenzene
Concen: 7.369 ng
RT: 15.908 min Scan# 2182
Delta R.T. 0.012 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

Tgt Ion: 77 Resp: 71231
Ion Ratio Lower Upper
77 100
182 79.4 4.1 44.1#
105 153.1 3.3 43.3#
51 41.2 13.4 53.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.295 min Scan# 2418

Delta R.T. -0.012 min

Lab File: BG057839.D

Acq: 23 Jun 2023 12:41

Instrument :

BNA_G

ClientSampleId :

MW-5B

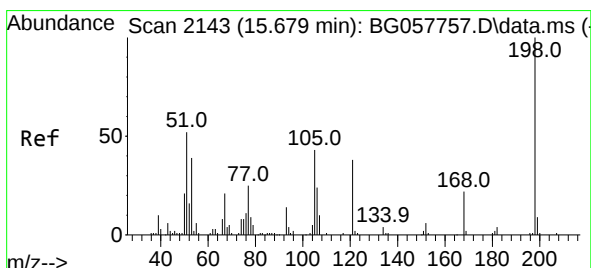
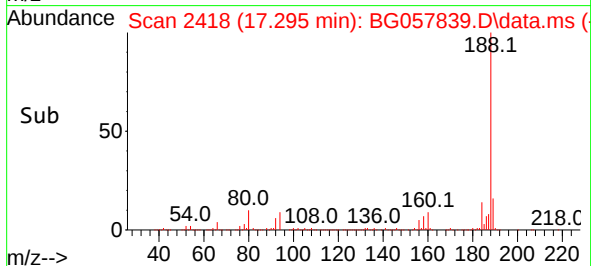
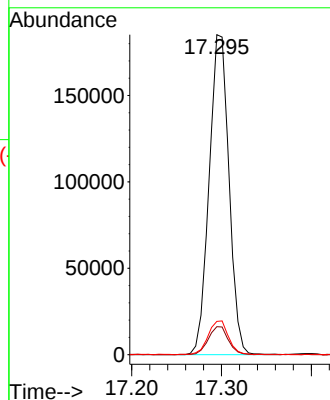
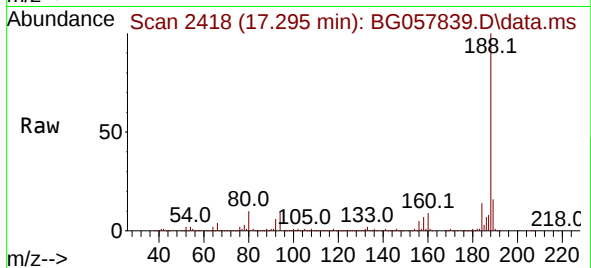
Tgt Ion:188 Resp: 283908

Ion Ratio Lower Upper

188 100

94 8.8 6.6 9.8

80 10.4 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 6.610 ng

RT: 16.161 min Scan# 2225

Delta R.T. 0.482 min

Lab File: BG057839.D

Acq: 23 Jun 2023 12:41

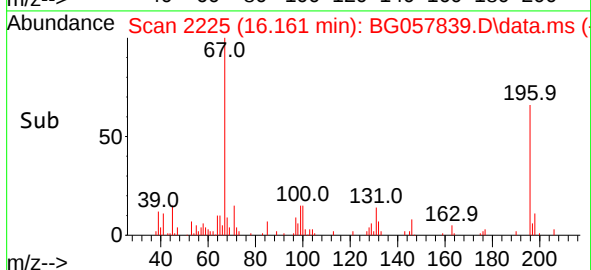
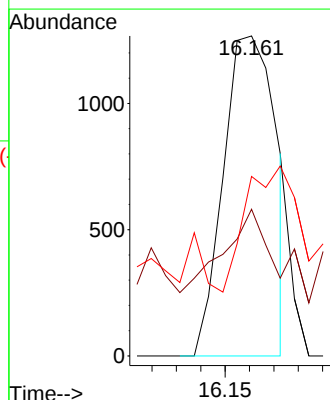
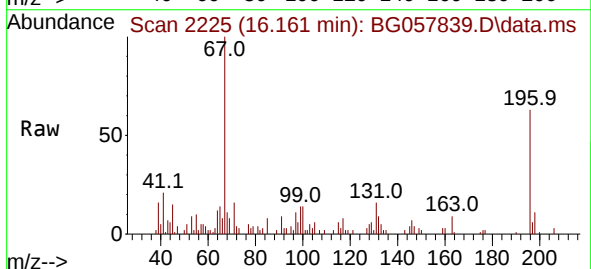
Tgt Ion:198 Resp: 1904

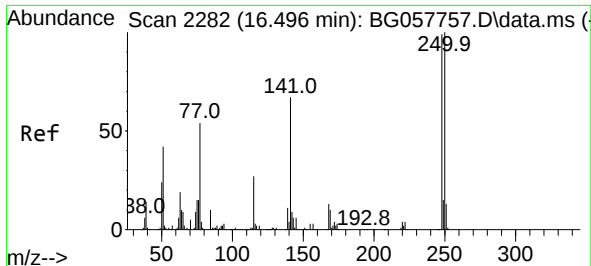
Ion Ratio Lower Upper

198 100

51 45.9 36.6 76.6

105 56.1 24.3 64.3

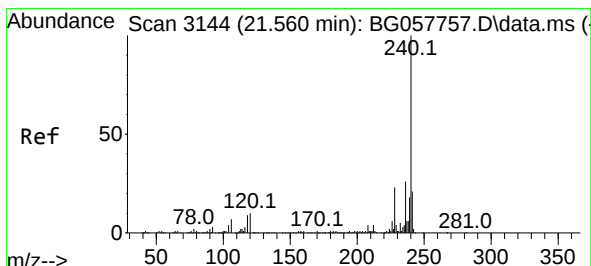
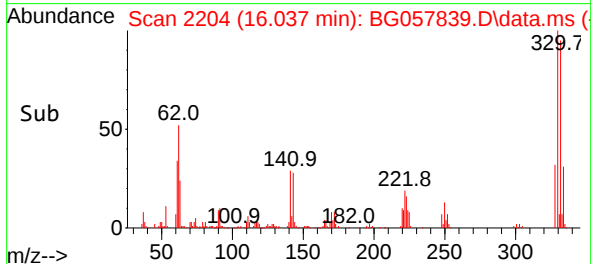
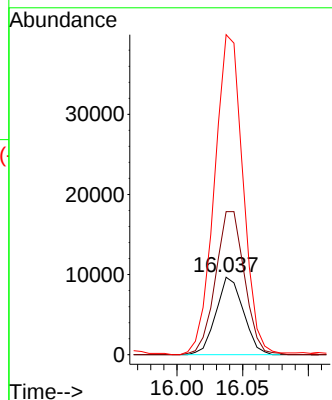
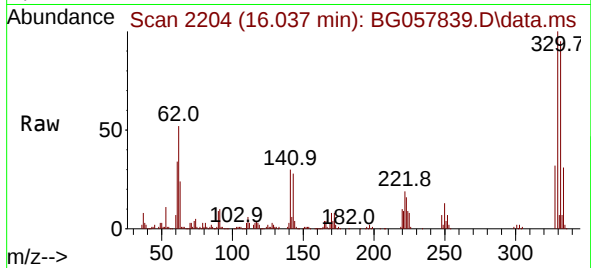




#67
4-Bromophenyl-phenylether
Concen: 4.650 ng
RT: 16.037 min Scan# 21
Delta R.T. -0.458 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

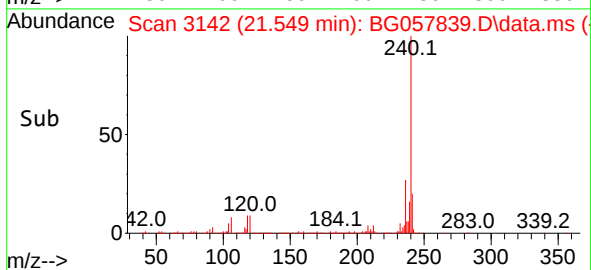
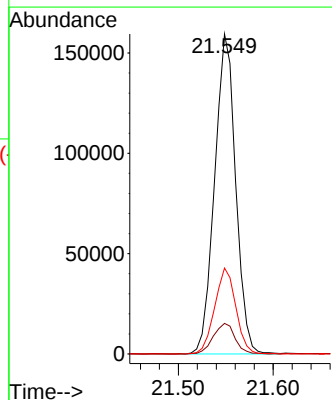
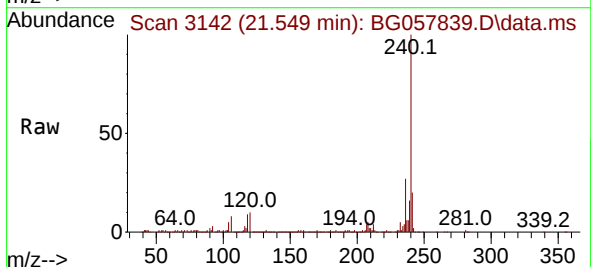
Instrument :
BNA_G
ClientSampleId :
MW-5B

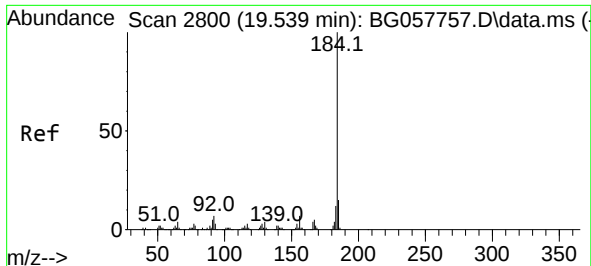
Tgt Ion:248 Resp: 14000
Ion Ratio Lower Upper
248 100
250 184.7 81.1 121.7#
141 413.0 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.549 min Scan# 3142
Delta R.T. -0.012 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

Tgt Ion:240 Resp: 246387
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 26.9 20.6 30.8

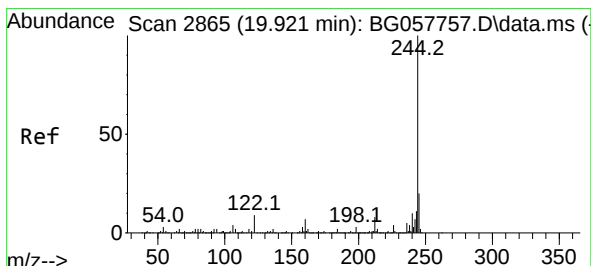
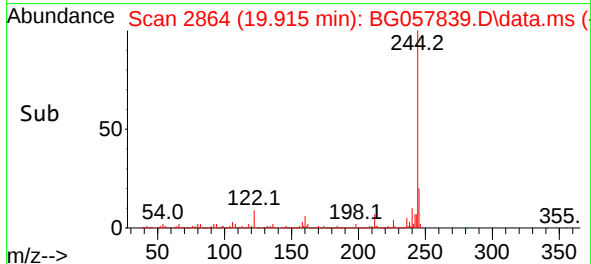
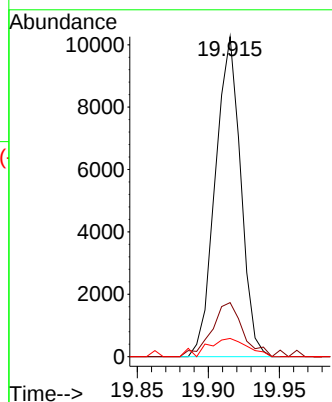
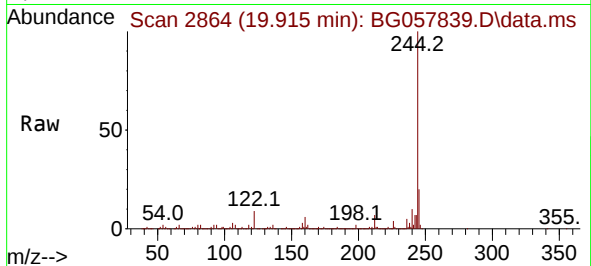




#77
Benzidine
Concen: 2.202 ng
RT: 19.915 min Scan# 2864
Delta R.T. 0.376 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

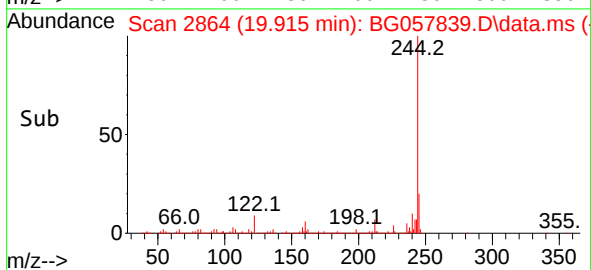
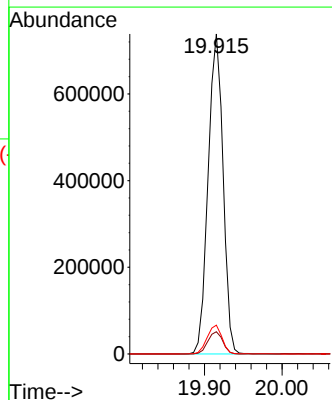
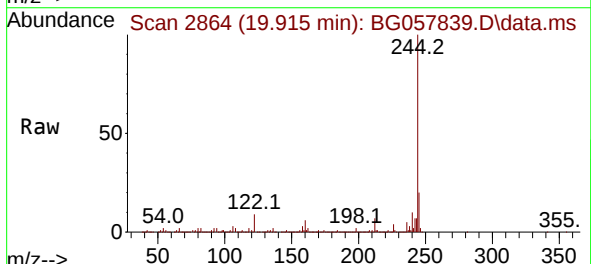
Instrument :
BNA_G
ClientSampleId :
MW-5B

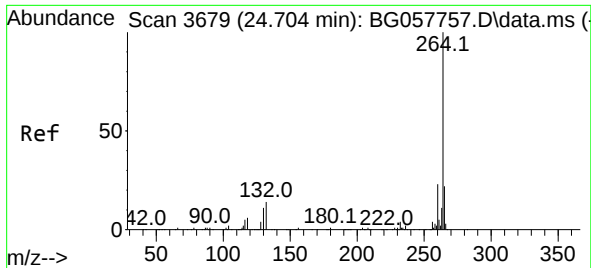
Tgt Ion:184 Resp: 12716
Ion Ratio Lower Upper
184 100
185 16.9 12.0 18.0
183 5.7 9.4 14.0#



#79
Terphenyl-d14
Concen: 74.571 ng
RT: 19.915 min Scan# 2864
Delta R.T. -0.006 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

Tgt Ion:244 Resp: 985340
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 9.0 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.698 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG057839.D
 Acq: 23 Jun 2023 12:41

Instrument :
 BNA_G
 ClientSampleId :
 MW-5B

Tgt Ion:264 Resp: 306602
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.5 27.7
 265 21.1 17.4 26.2

