

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057836.D
 Acq On : 23 Jun 2023 10:38
 Operator : CG/JU
 Sample : 03238-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4B

Quant Time: Jun 23 12:14:01 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)

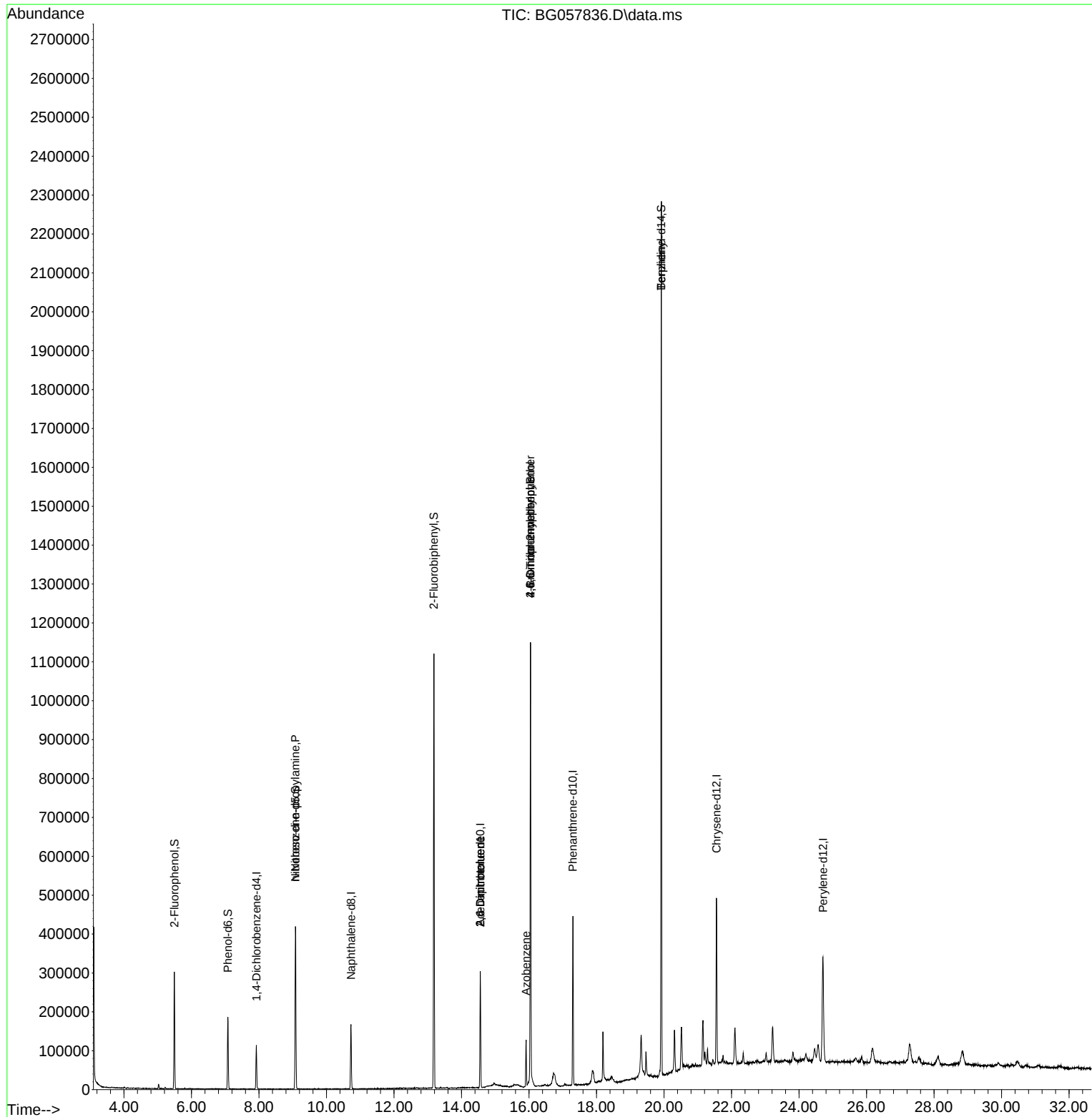
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	30592	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	137609	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	106195	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	276138	20.000	ng	0.00
76) Chrysene-d12	21.555	240	239224	20.000	ng	0.00
86) Perylene-d12	24.710	264	294227	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	121662	61.320	ng	0.00
7) Phenol-d6	7.077	99	108588	35.869	ng	-0.01
23) Nitrobenzene-d5	9.081	82	250018	93.248	ng	-0.01
42) 2,4,6-Tribromophenol	16.043	330	231523	156.510	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	579384	82.751	ng	0.00
79) Terphenyl-d14	19.921	244	1158104	90.270	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.081	70	31915	15.121	ng	# 76
51) 2,6-Dinitrotoluene	14.557	165	13854	9.224	ng	# 19
57) 2,4-Dinitrotoluene	14.557	165	13854	6.802	ng	# 20
63) Azobenzene	15.914	77	35236	4.117	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.043	198	564	5.707	ng	# 1
67) 4-Bromophenyl-phenylether	16.043	248	14797	5.053	ng	# 1
77) Benzidine	19.921	184	15088	2.691	ng	# 93

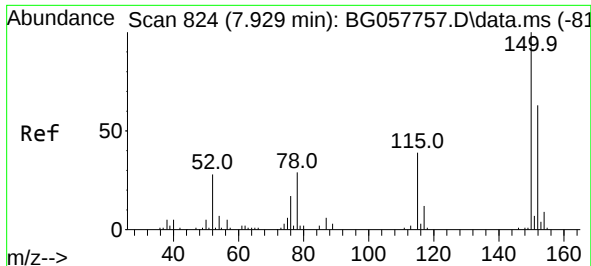
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
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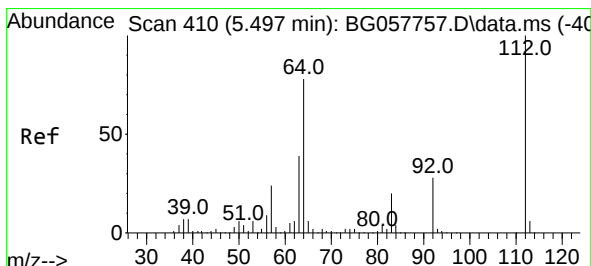
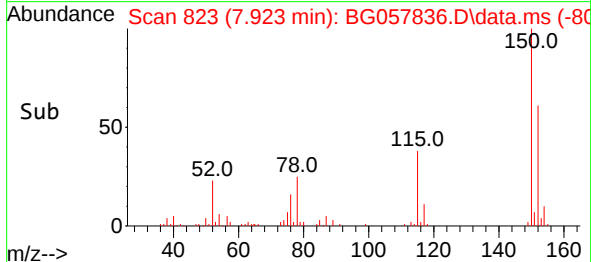
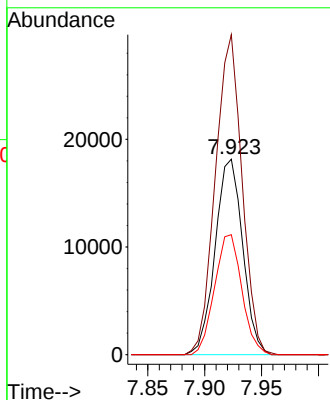
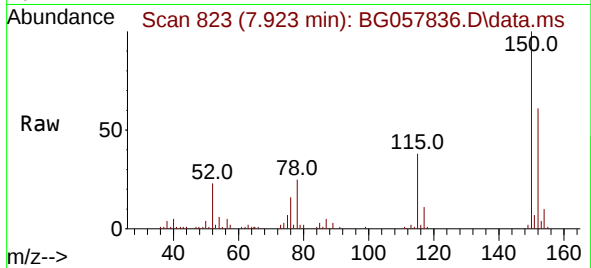




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057836.D
Acq: 23 Jun 2023 10:38

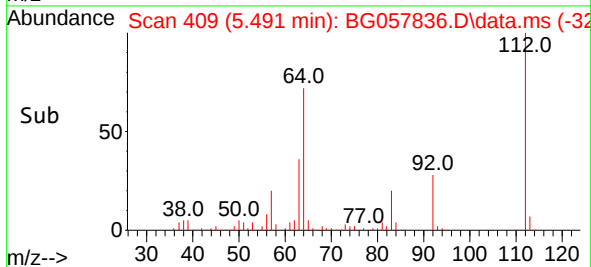
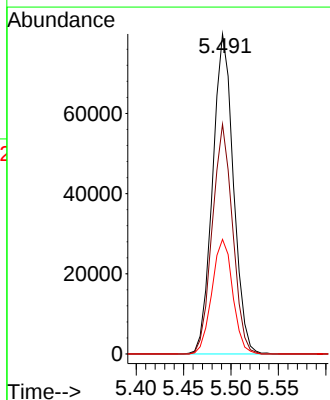
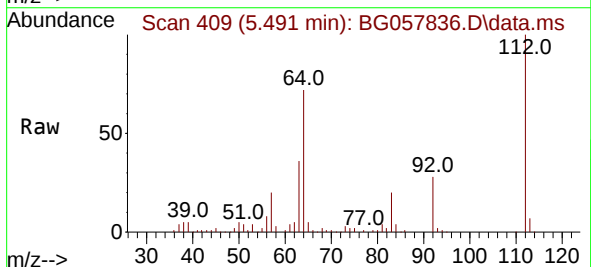
Instrument :
BNA_G
ClientSampleId :
MW-4B

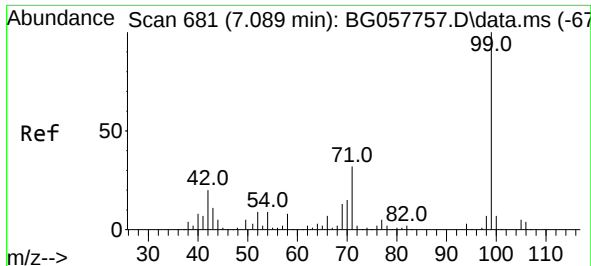
Tgt Ion:152 Resp: 30592
Ion Ratio Lower Upper
152 100
150 163.7 126.6 189.8
115 61.4 48.9 73.3



#5
2-Fluorophenol
Concen: 61.320 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.006 min
Lab File: BG057836.D
Acq: 23 Jun 2023 10:38

Tgt Ion:112 Resp: 121662
Ion Ratio Lower Upper
112 100
64 71.8 62.1 93.1
63 35.8 31.5 47.3

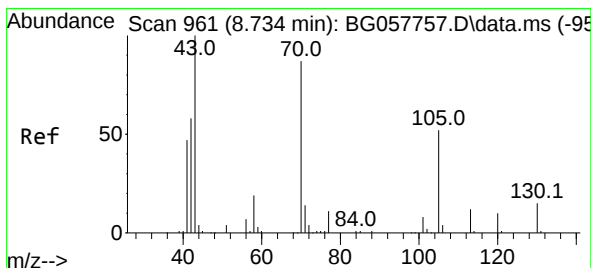
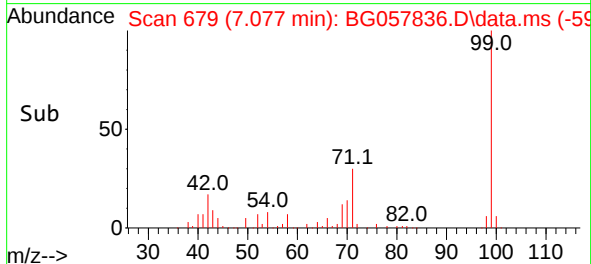
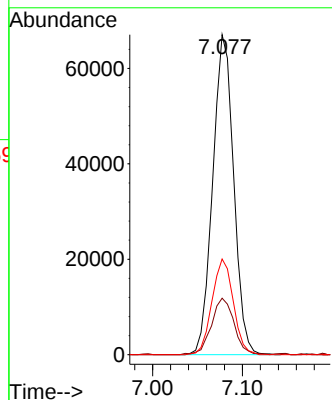
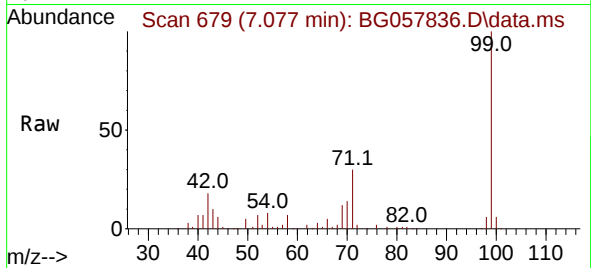




#7
Phenol-d6
Concen: 35.869 ng
RT: 7.077 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG057836.D
Acq: 23 Jun 2023 10:38

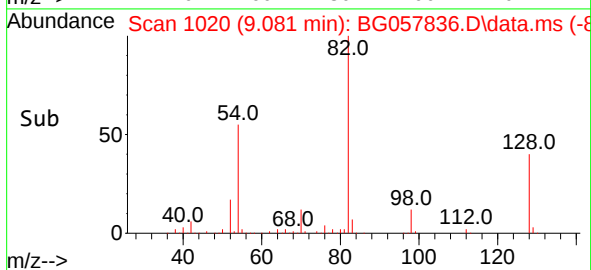
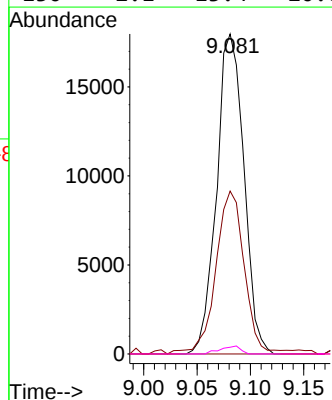
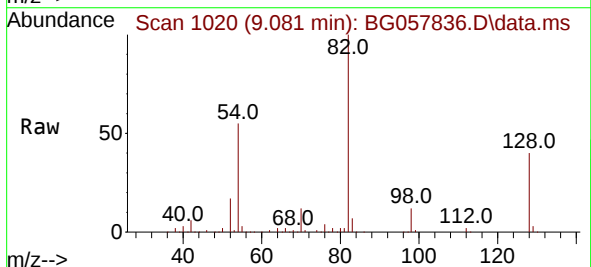
Instrument :
BNA_G
ClientSampleId :
MW-4B

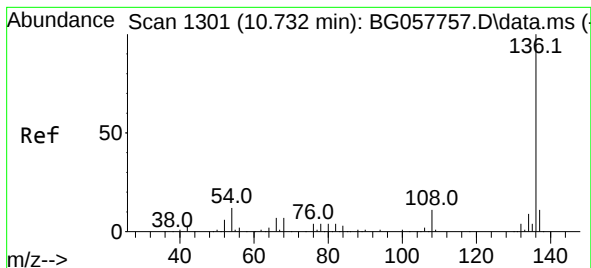
Tgt Ion: 99 Resp: 108588
Ion Ratio Lower Upper
99 100
42 17.6 16.4 24.6
71 29.9 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.121 ng
RT: 9.081 min Scan# 1020
Delta R.T. 0.347 min
Lab File: BG057836.D
Acq: 23 Jun 2023 10:38

Tgt Ion: 70 Resp: 31915
Ion Ratio Lower Upper
70 100
42 50.9 54.2 81.2#
101 0.0 7.4 11.0#
130 2.1 13.4 20.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.726 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG057836.D

Acq: 23 Jun 2023 10:38

Instrument :

BNA_G

ClientSampleId :

MW-4B

Tgt Ion:136 Resp: 137609

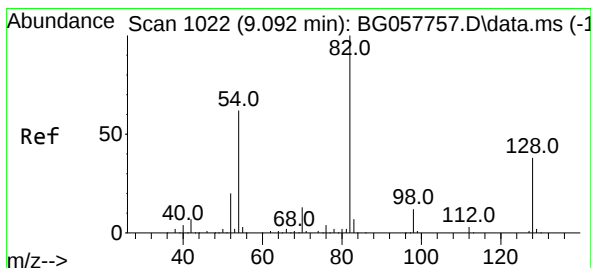
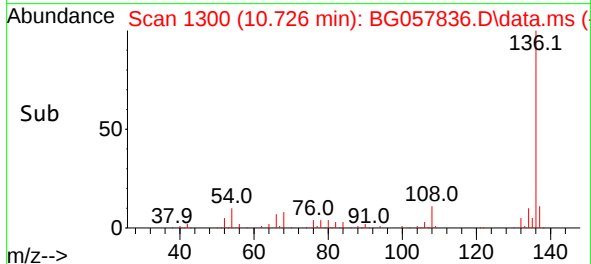
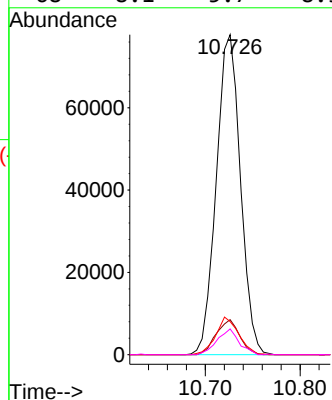
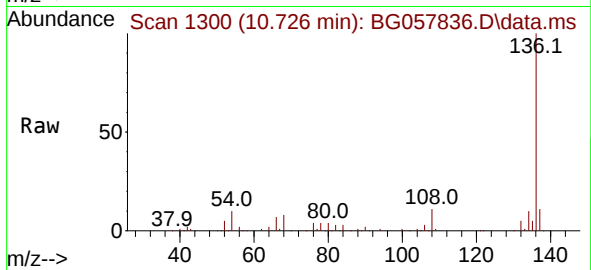
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.4 9.5 14.3

68 8.1 5.7 8.5



#23

Nitrobenzene-d5

Concen: 93.248 ng

RT: 9.081 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BG057836.D

Acq: 23 Jun 2023 10:38

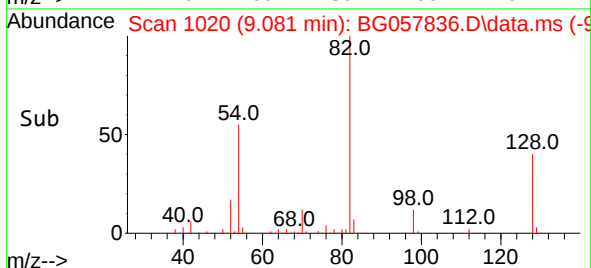
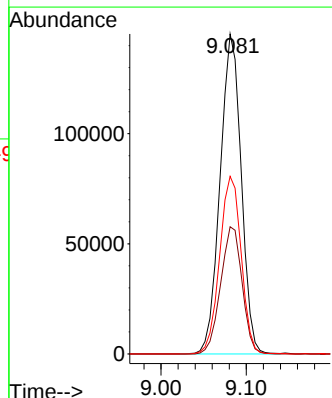
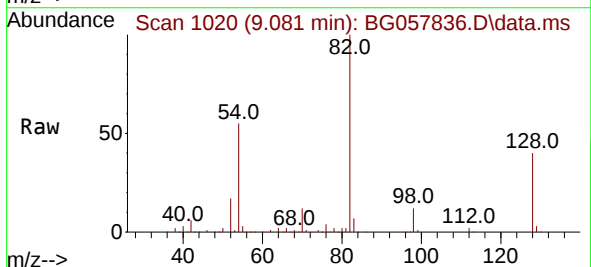
Tgt Ion: 82 Resp: 250018

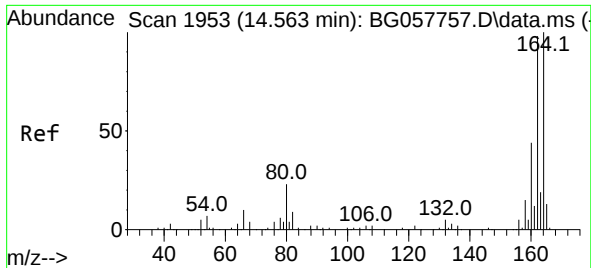
Ion Ratio Lower Upper

82 100

128 39.8 30.7 46.1

54 55.5 49.6 74.4

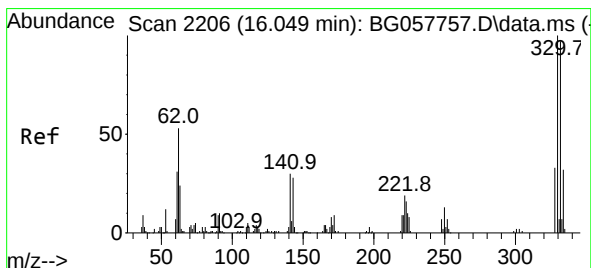
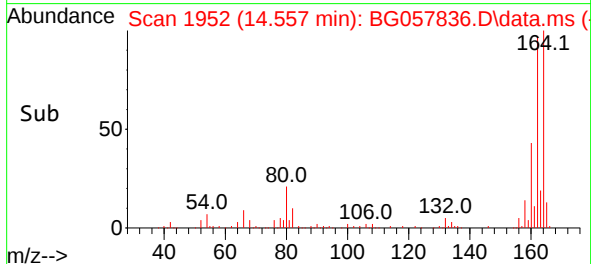
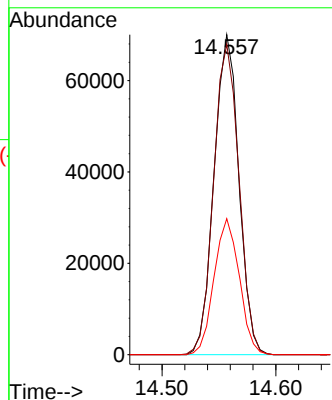
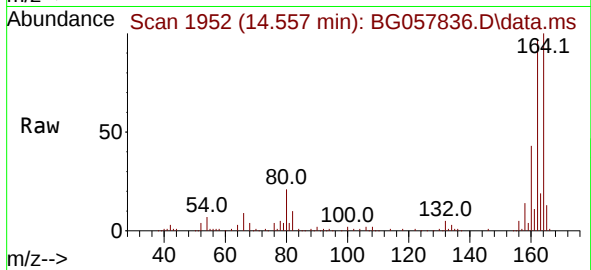




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BG057836.D
Acq: 23 Jun 2023 10:38

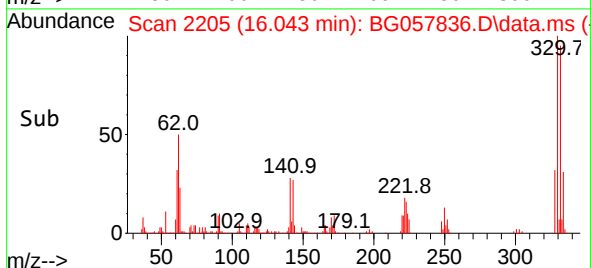
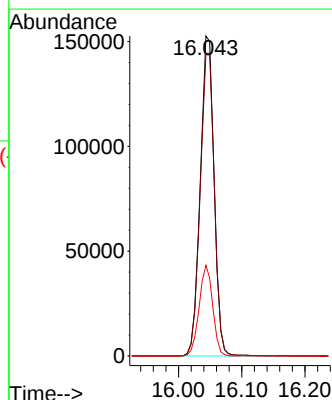
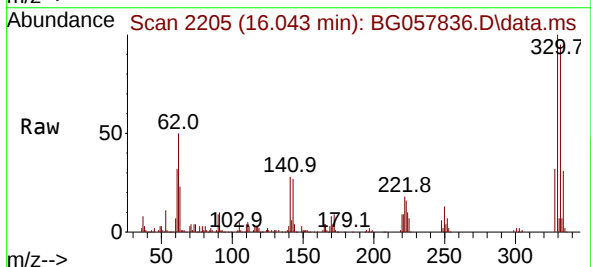
Instrument :
BNA_G
ClientSampleId :
MW-4B

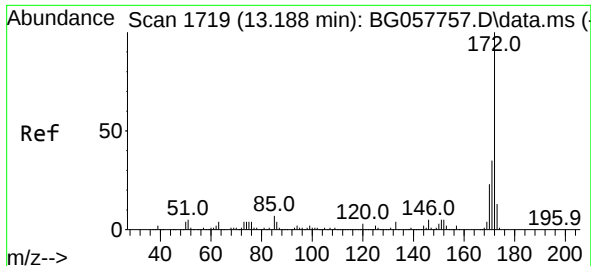
Tgt Ion:164 Resp: 106195
Ion Ratio Lower Upper
164 100
162 97.0 78.3 117.5
160 42.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 156.510 ng
RT: 16.043 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BG057836.D
Acq: 23 Jun 2023 10:38

Tgt Ion:330 Resp: 231523
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 27.7 24.7 37.1

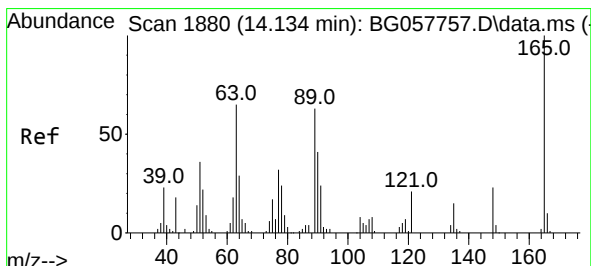
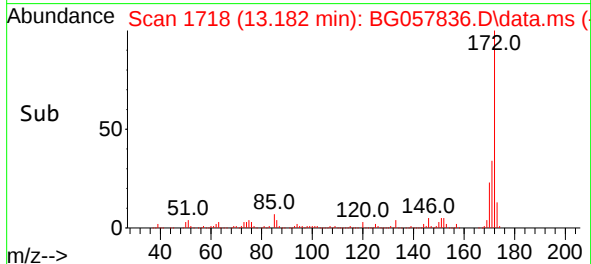
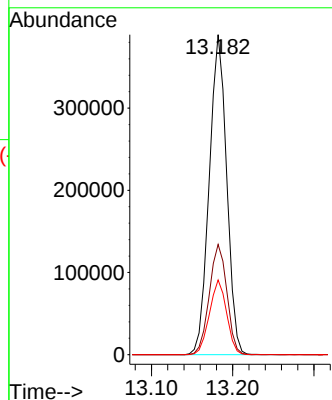
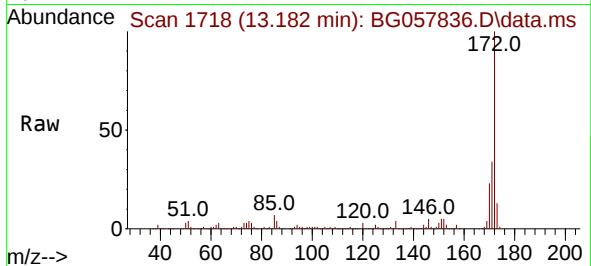




#45
2-Fluorobiphenyl
Concen: 82.751 ng
RT: 13.182 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG057836.D
Acq: 23 Jun 2023 10:38

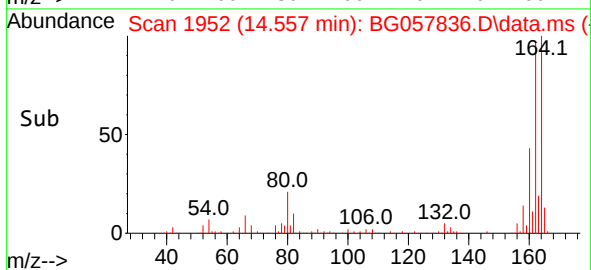
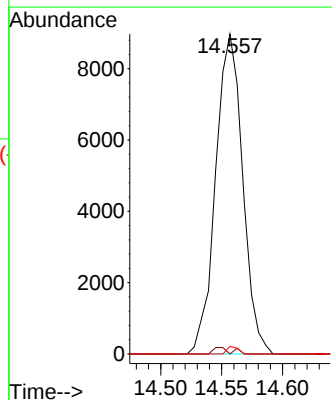
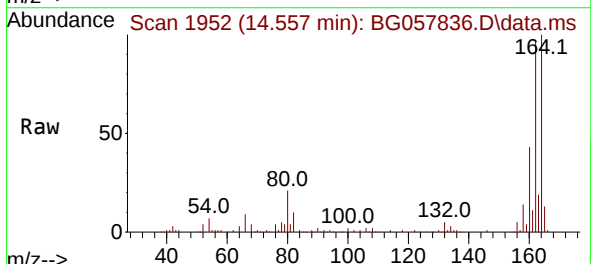
Instrument :
BNA_G
ClientSampleId :
MW-4B

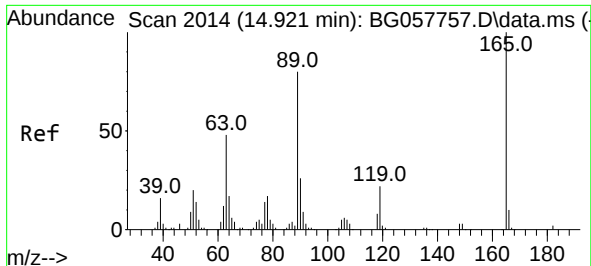
Tgt Ion:172 Resp: 579384
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.224 ng
RT: 14.557 min Scan# 1952
Delta R.T. 0.423 min
Lab File: BG057836.D
Acq: 23 Jun 2023 10:38

Tgt Ion:165 Resp: 13854
Ion Ratio Lower Upper
165 100
63 0.0 52.8 79.2#
89 2.3 50.7 76.1#





#57

2,4-Dinitrotoluene

Concen: 6.802 ng

RT: 14.557 min Scan# 1952

Delta R.T. -0.364 min

Lab File: BG057836.D

Acq: 23 Jun 2023 10:38

Instrument :

BNA_G

ClientSampleId :

MW-4B

Tgt Ion:165 Resp: 13854

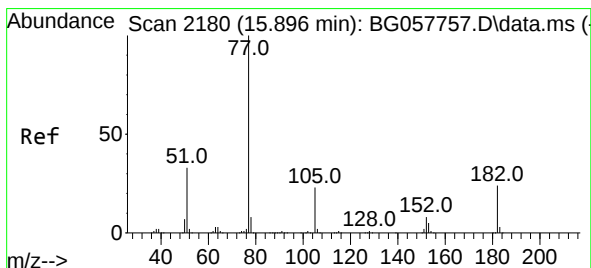
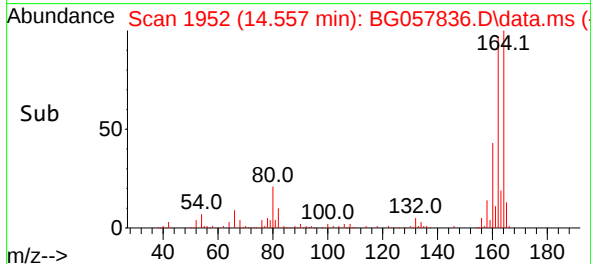
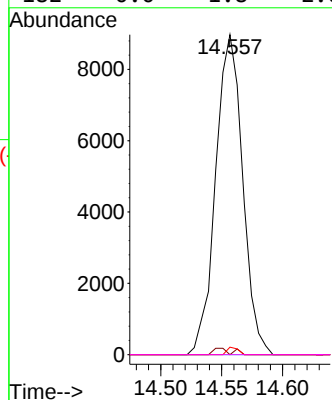
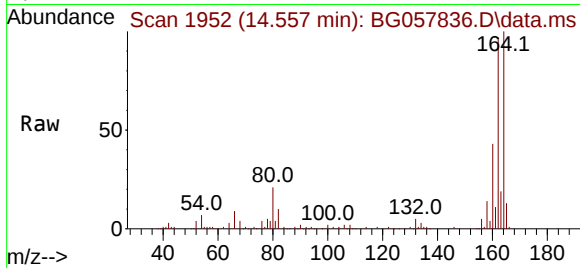
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 2.3 63.7 95.5#

182 0.0 1.8 2.6#



#63

Azobenzene

Concen: 4.117 ng

RT: 15.914 min Scan# 2183

Delta R.T. 0.018 min

Lab File: BG057836.D

Acq: 23 Jun 2023 10:38

Tgt Ion: 77 Resp: 35236

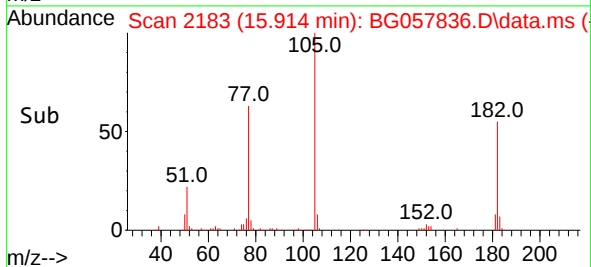
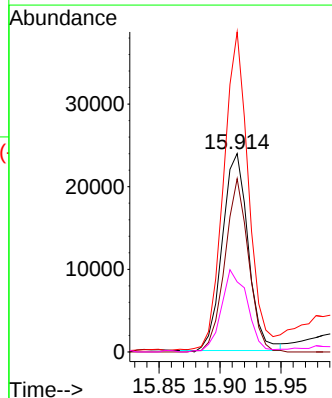
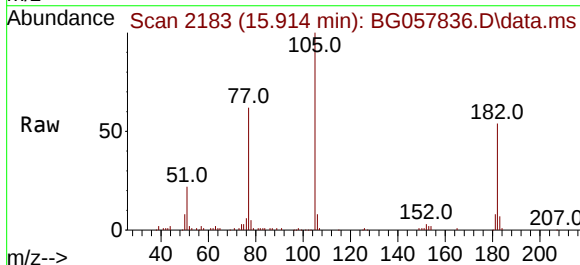
Ion Ratio Lower Upper

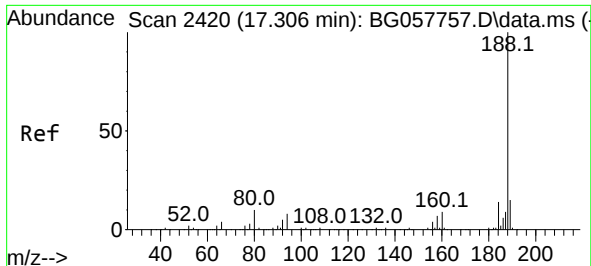
77 100

182 87.4 4.1 44.1#

105 161.3 3.3 43.3#

51 35.4 13.4 53.4

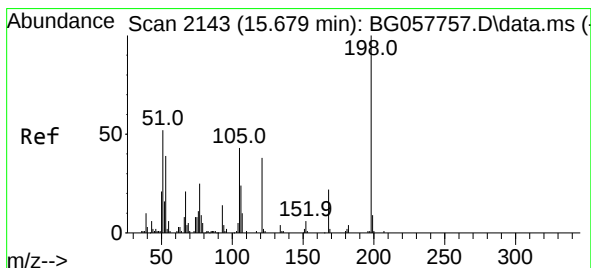
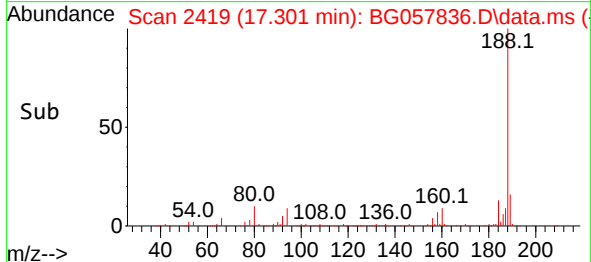
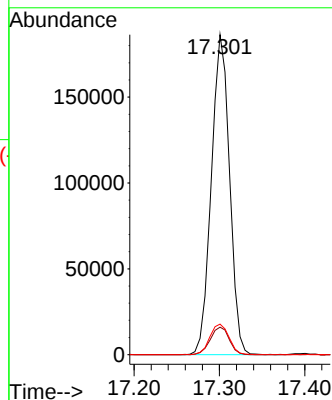
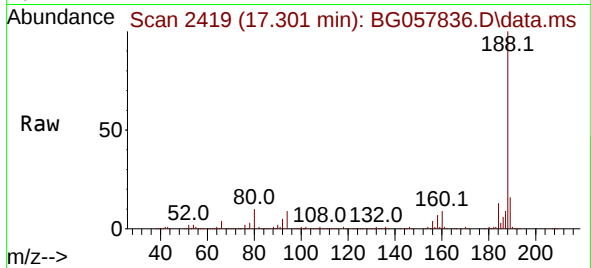




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG057836.D
Acq: 23 Jun 2023 10:38

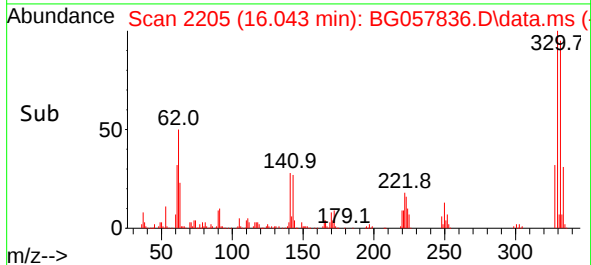
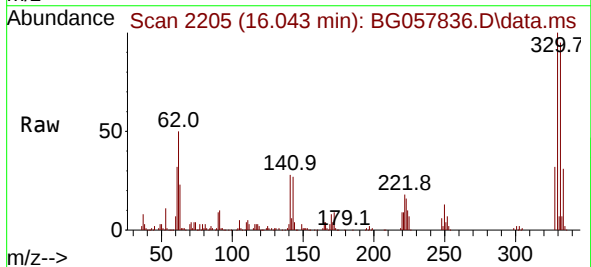
Instrument :
BNA_G
ClientSampleId :
MW-4B

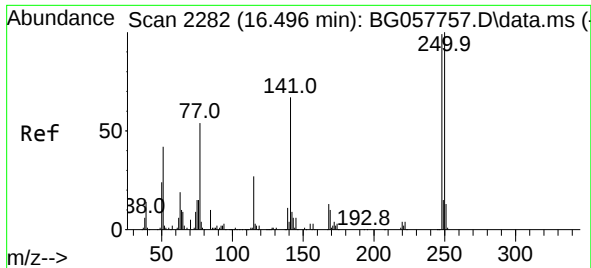
Tgt Ion:188 Resp: 276138
Ion Ratio Lower Upper
188 100
94 8.6 6.6 9.8
80 9.6 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.707 ng
RT: 16.043 min Scan# 2205
Delta R.T. 0.364 min
Lab File: BG057836.D
Acq: 23 Jun 2023 10:38

Tgt Ion:198 Resp: 564
Ion Ratio Lower Upper
198 100
51 339.3 36.6 76.6#
105 1869.6 24.3 64.3#

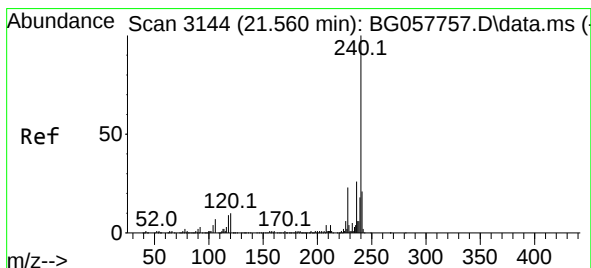
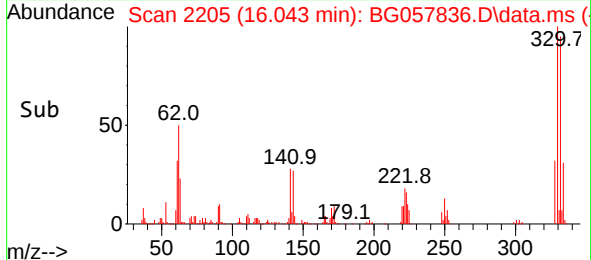
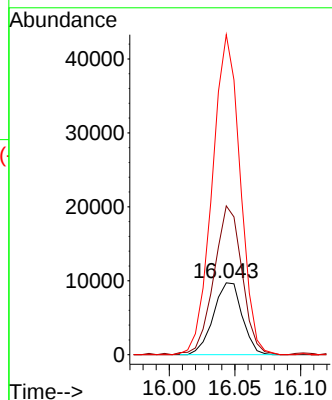
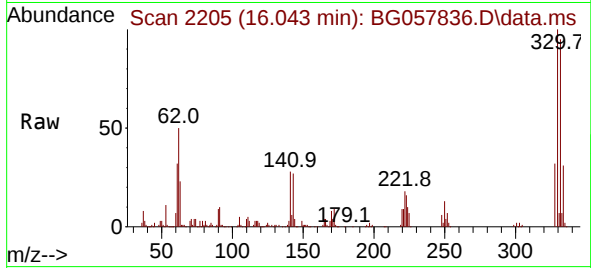




#67
4-Bromophenyl-phenylether
Concen: 5.053 ng
RT: 16.043 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG057836.D
Acq: 23 Jun 2023 10:38

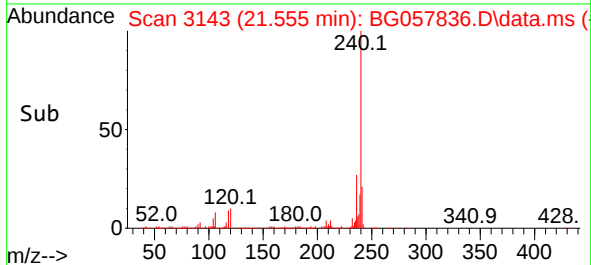
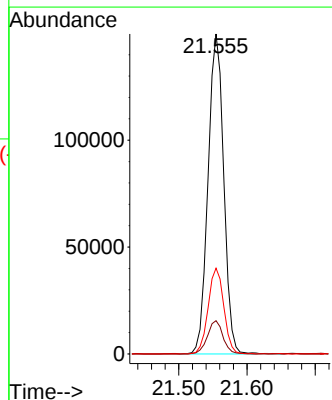
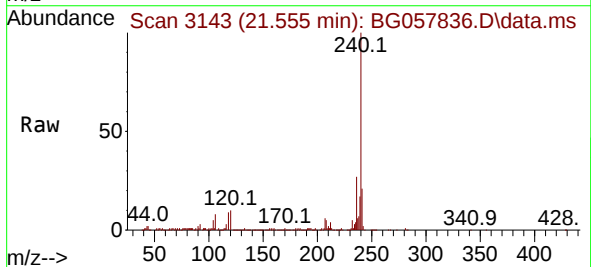
Instrument :
BNA_G
ClientSampleId :
MW-4B

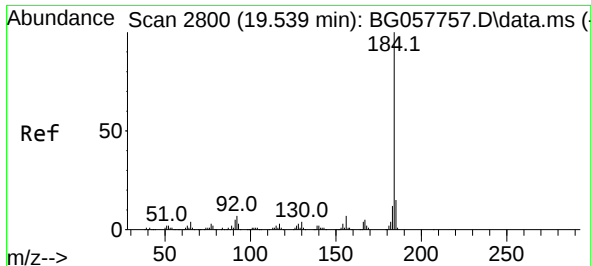
Tgt Ion:248 Resp: 14797
Ion Ratio Lower Upper
248 100
250 207.2 81.1 121.7#
141 445.4 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.555 min Scan# 3143
Delta R.T. -0.006 min
Lab File: BG057836.D
Acq: 23 Jun 2023 10:38

Tgt Ion:240 Resp: 239224
Ion Ratio Lower Upper
240 100
120 10.4 8.1 12.1
236 26.8 20.6 30.8

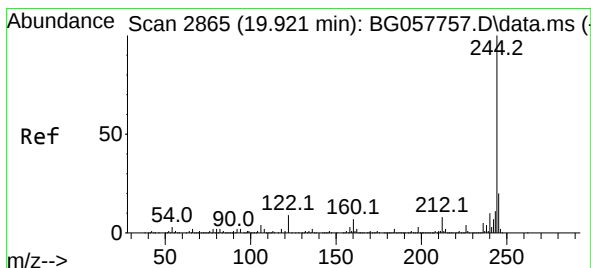
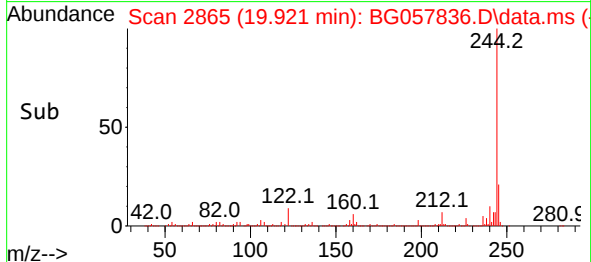
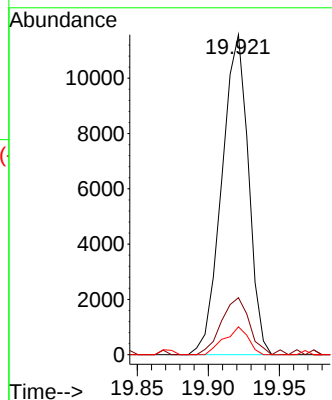
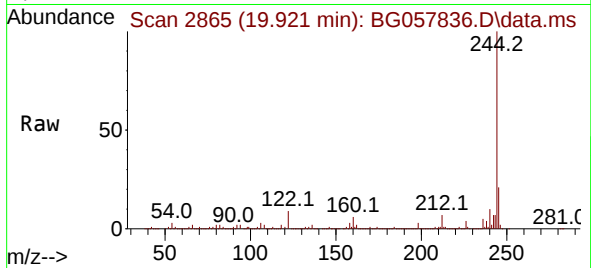




#77
Benzidine
Concen: 2.691 ng
RT: 19.921 min Scan# 21
Delta R.T. 0.382 min
Lab File: BG057836.D
Acq: 23 Jun 2023 10:38

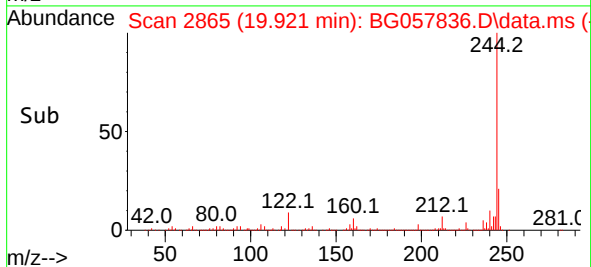
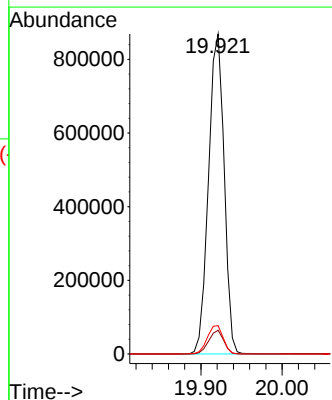
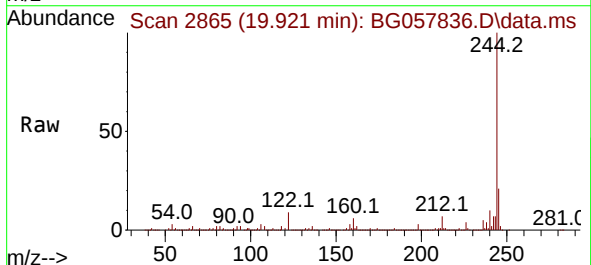
Instrument :
BNA_G
ClientSampleId :
MW-4B

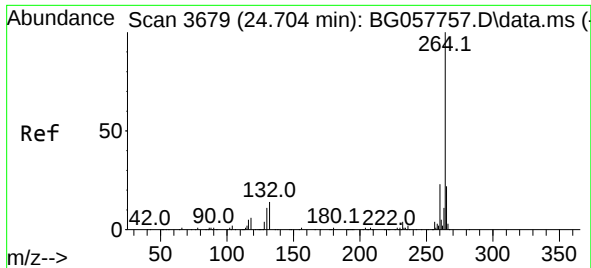
Tgt Ion:184 Resp: 15088
Ion Ratio Lower Upper
184 100
185 17.8 12.0 18.0
183 8.7 9.4 14.0#



#79
Terphenyl-d14
Concen: 90.270 ng
RT: 19.921 min Scan# 2865
Delta R.T. 0.000 min
Lab File: BG057836.D
Acq: 23 Jun 2023 10:38

Tgt Ion:244 Resp: 1158104
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 8.8 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.710 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BG057836.D
 Acq: 23 Jun 2023 10:38

Instrument :
 BNA_G
 ClientSampleId :
 MW-4B

Tgt Ion:264 Resp: 294227
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.5 27.7
 265 21.5 17.4 26.2

