

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062723\
 Data File : BG057877.D
 Acq On : 27 Jun 2023 22:03
 Operator : CG/JU
 Sample : 03339-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-10

Quant Time: Jun 28 02:40:14 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)

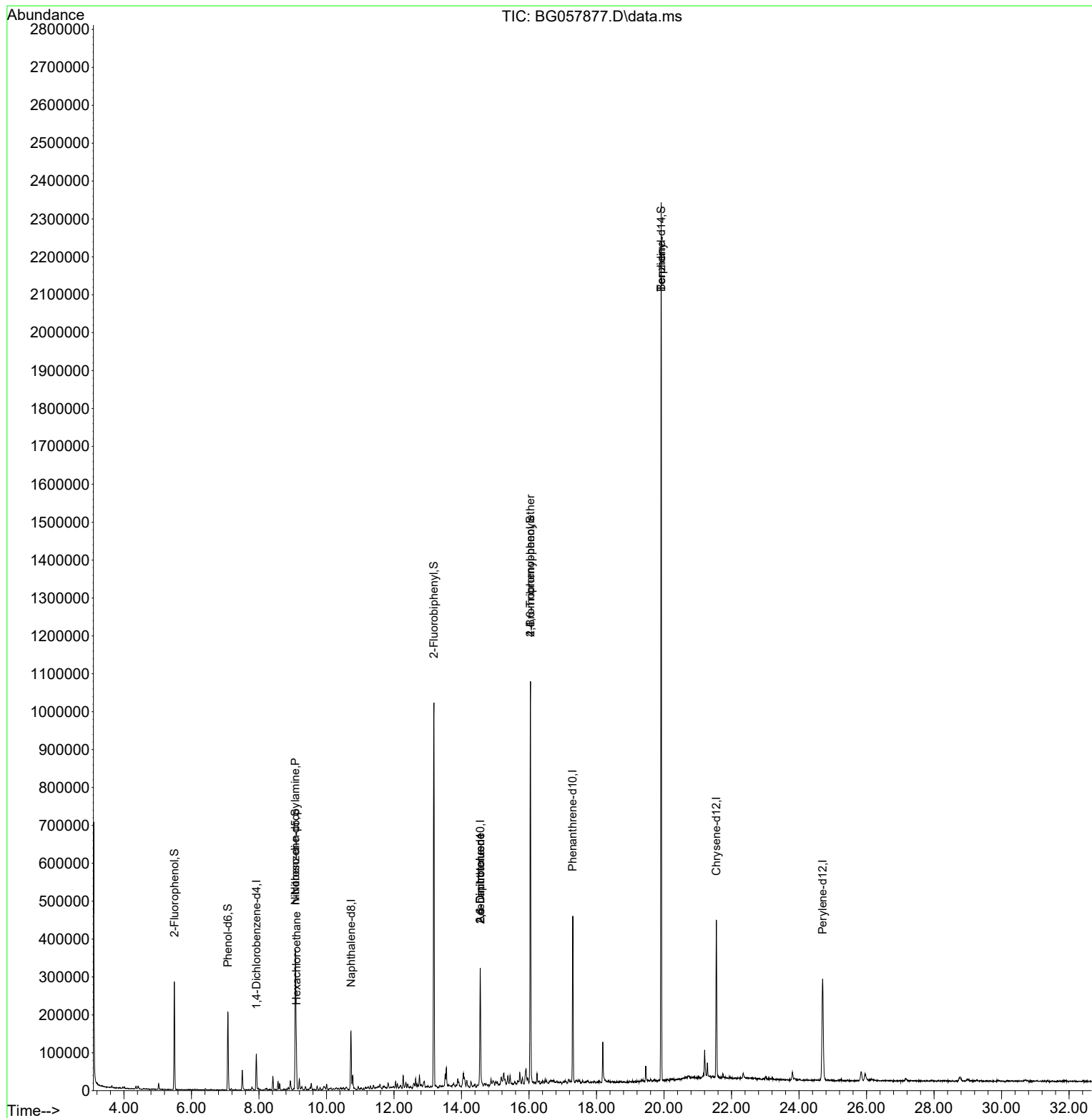
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	26313	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	129340	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	102881	20.000	ng	# 0.00
64) Phenanthrene-d10	17.295	188	278745	20.000	ng	0.00
76) Chrysene-d12	21.549	240	246099	20.000	ng	0.00
86) Perylene-d12	24.698	264	295302	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	117648	68.408	ng	0.00
7) Phenol-d6	7.078	99	124272	48.322	ng	0.00
23) Nitrobenzene-d5	9.081	82	220821	83.671	ng	0.00
42) 2,4,6-Tribromophenol	16.044	330	224813	130.101	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	550517	81.659	ng	0.00
79) Terphenyl-d14	19.916	244	1175189	87.057	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.072	77	72	Below Cal	#	44
18) Hexachloroethane	9.111	117	51680	83.148	ng	# 1
19) n-Nitroso-di-n-propyla...	9.081	70	26423	15.355	ng	# 79
51) 2,6-Dinitrotoluene	14.557	165	13701	8.092	ng	# 30
57) 2,4-Dinitrotoluene	14.557	165	13701	5.577	ng	# 27
67) 4-Bromophenyl-phenylether	16.044	248	14162	4.813	ng	# 1
77) Benzydine	19.916	184	15720	2.723	ng	# 93

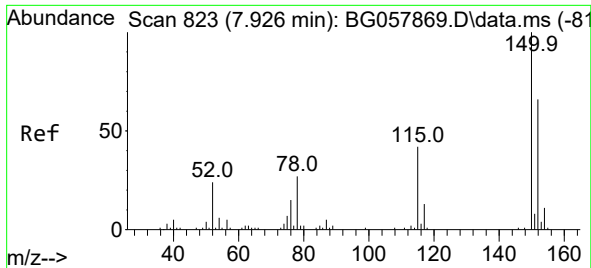
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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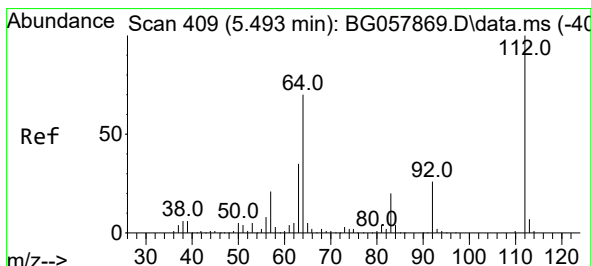
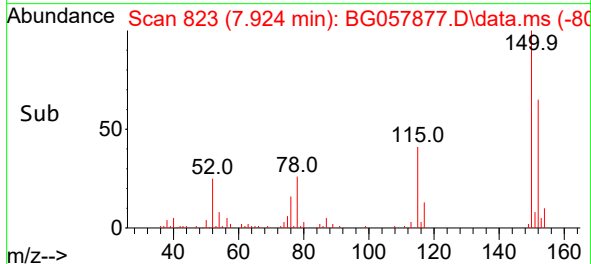
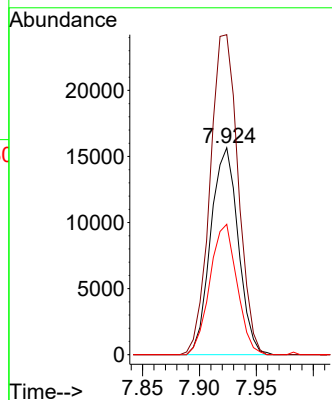
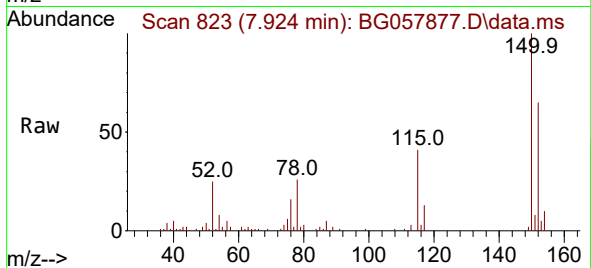




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057877.D
Acq: 27 Jun 2023 22:03

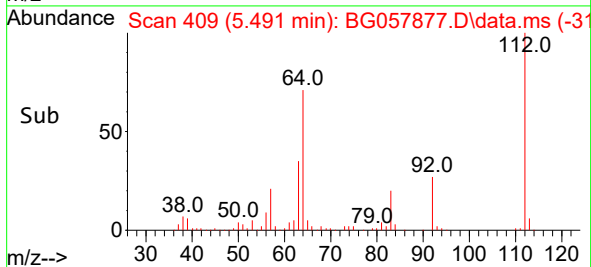
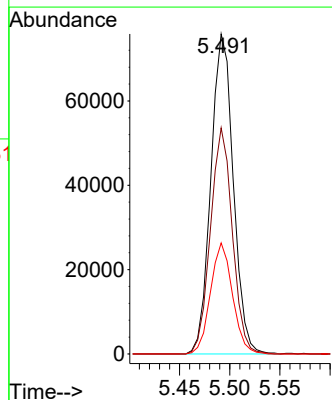
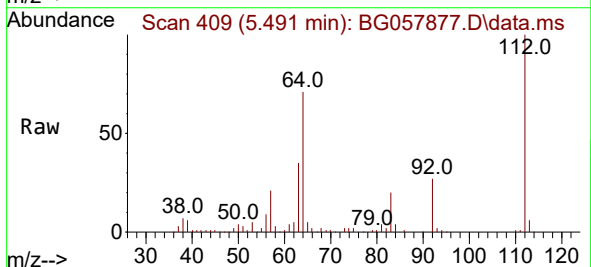
Instrument :
BNA_G
ClientSampleId :
MW-10

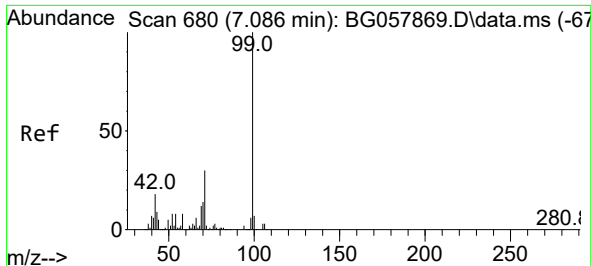
Tgt Ion:152 Resp: 26313
Ion Ratio Lower Upper
152 100
150 154.7 122.0 183.0
115 63.0 50.7 76.1



#5
2-Fluorophenol
Concen: 68.408 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.002 min
Lab File: BG057877.D
Acq: 27 Jun 2023 22:03

Tgt Ion:112 Resp: 117648
Ion Ratio Lower Upper
112 100
64 70.6 55.8 83.6
63 34.7 27.9 41.9

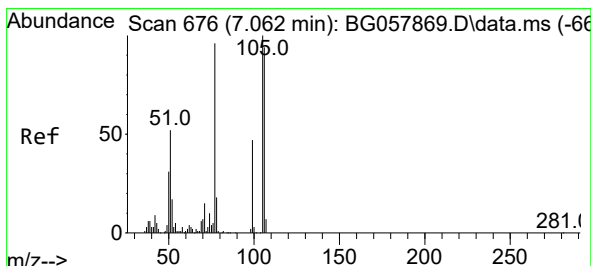
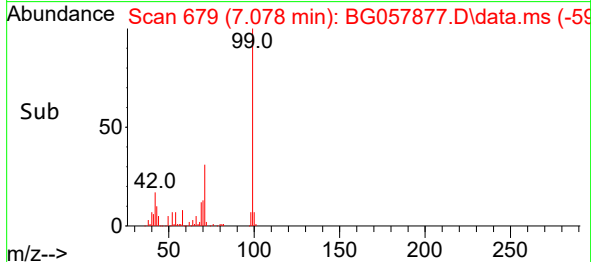
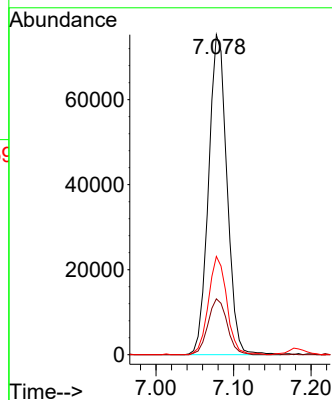
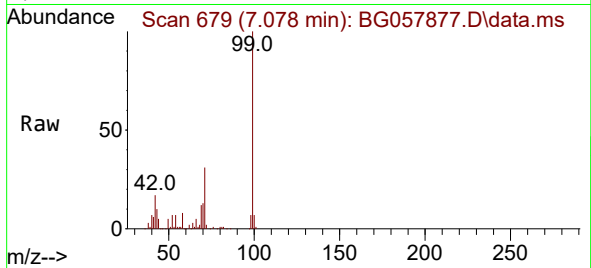




#7
Phenol-d6
Concen: 48.322 ng
RT: 7.078 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057877.D
Acq: 27 Jun 2023 22:03

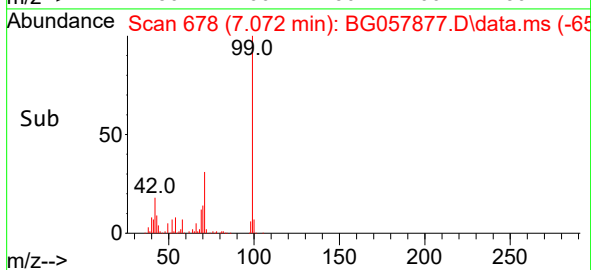
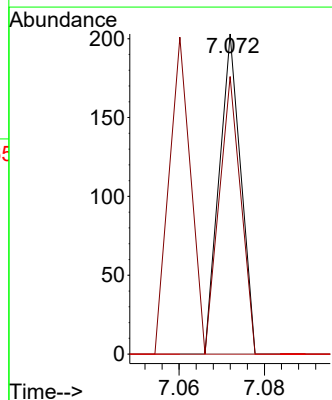
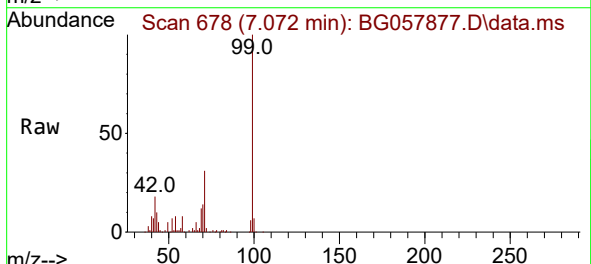
Instrument :
BNA_G
ClientSampleId :
MW-10

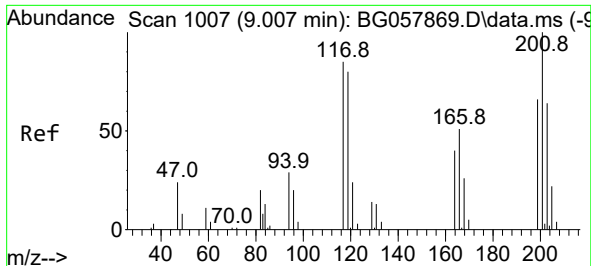
Tgt Ion: 99 Resp: 124272
Ion Ratio Lower Upper
99 100
42 17.4 14.2 21.4
71 30.7 23.9 35.9



#9
Benzaldehyde
Concen: Below Cal
RT: 7.072 min Scan# 678
Delta R.T. 0.010 min
Lab File: BG057877.D
Acq: 27 Jun 2023 22:03

Tgt Ion: 77 Resp: 72
Ion Ratio Lower Upper
77 100
105 86.7 83.7 123.7
106 0.0 77.4 117.4#

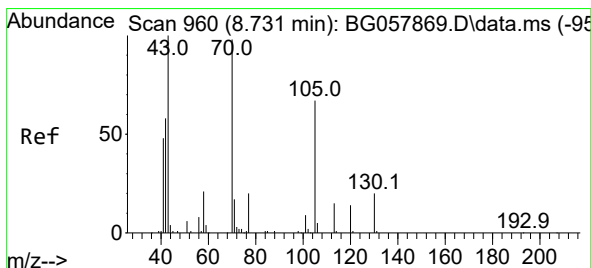
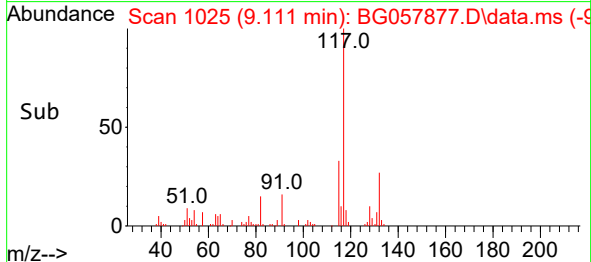
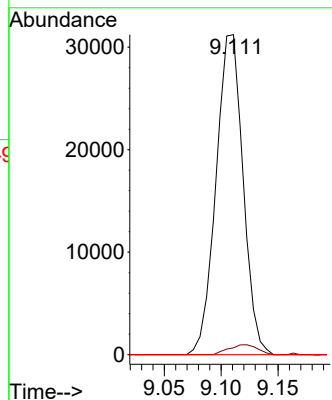
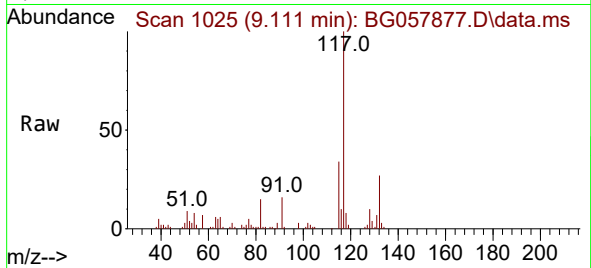




#18
Hexachloroethane
Concen: 83.148 ng
RT: 9.111 min Scan# 1025
Delta R.T. 0.104 min
Lab File: BG057877.D
Acq: 27 Jun 2023 22:03

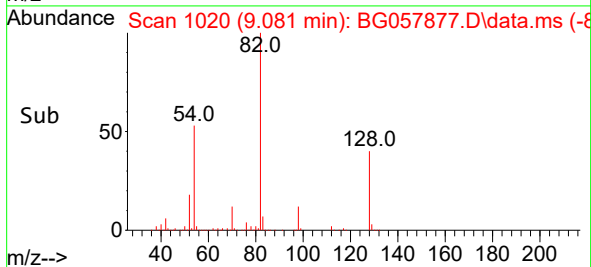
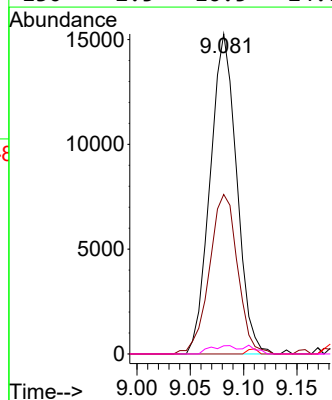
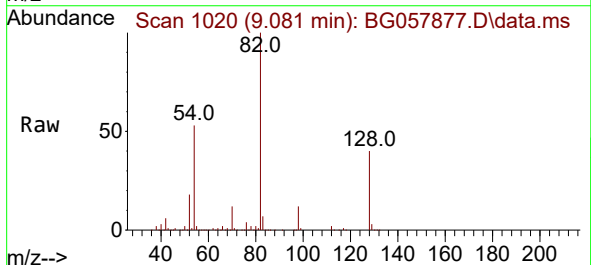
Instrument :
BNA_G
ClientSampleId :
MW-10

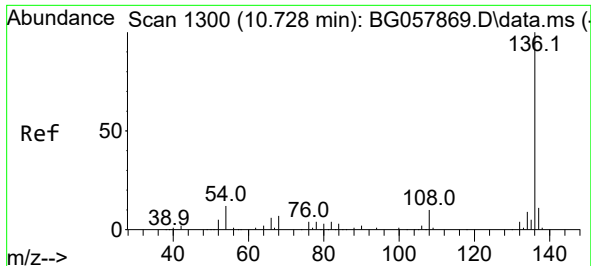
Tgt Ion:117 Resp: 51680
Ion Ratio Lower Upper
117 100
119 2.1 74.7 112.1#
201 0.0 93.9 140.9#



#19
n-Nitroso-di-n-propylamine
Concen: 15.355 ng
RT: 9.081 min Scan# 1020
Delta R.T. 0.351 min
Lab File: BG057877.D
Acq: 27 Jun 2023 22:03

Tgt Ion: 70 Resp: 26423
Ion Ratio Lower Upper
70 100
42 49.8 48.4 72.6
101 0.0 7.2 10.8#
130 2.5 16.5 24.7#

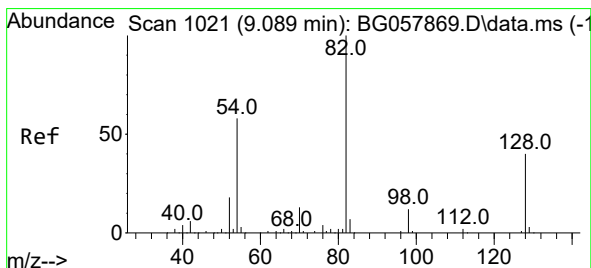
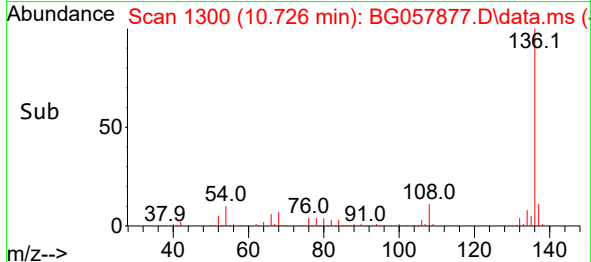
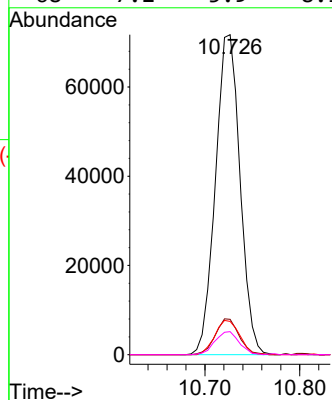
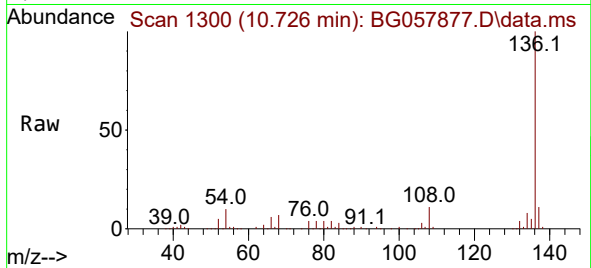




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057877.D
Acq: 27 Jun 2023 22:03

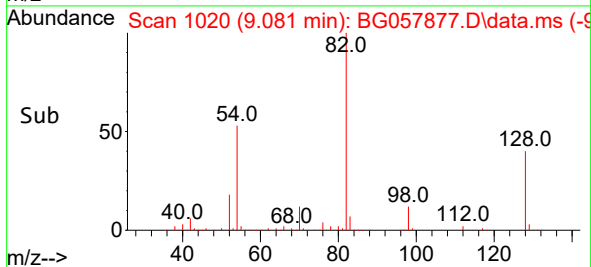
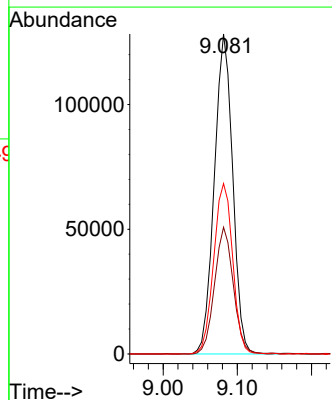
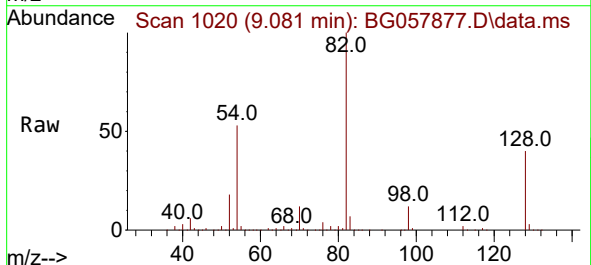
Instrument :
BNA_G
ClientSampleId :
MW-10

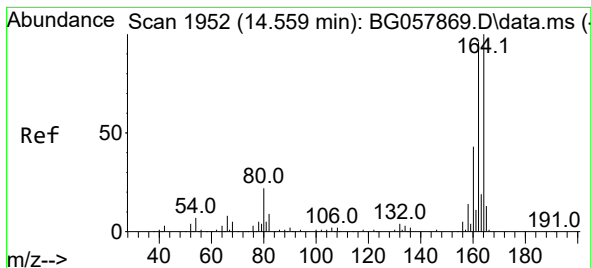
Tgt Ion:	136	Resp:	129340
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	12.8
54	10.4	9.3	13.9
68	7.2	5.9	8.9



#23
Nitrobenzene-d5
Concen: 83.671 ng
RT: 9.081 min Scan# 1020
Delta R.T. -0.008 min
Lab File: BG057877.D
Acq: 27 Jun 2023 22:03

Tgt Ion:	82	Resp:	220821
Ion Ratio	Lower	Upper	
82	100		
128	39.6	32.2	48.4
54	53.3	46.1	69.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1952

Delta R.T. -0.002 min

Lab File: BG057877.D

Acq: 27 Jun 2023 22:03

Instrument :

BNA_G

ClientSampleId :

MW-10

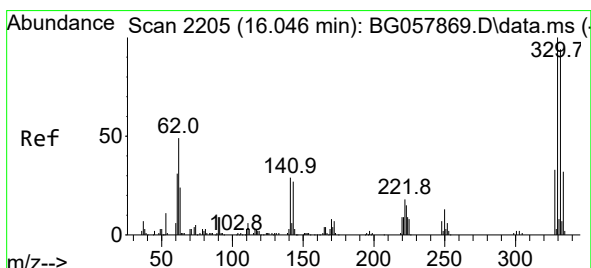
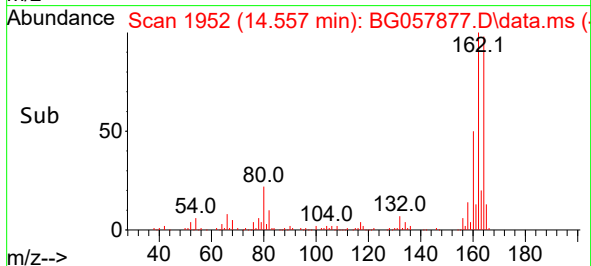
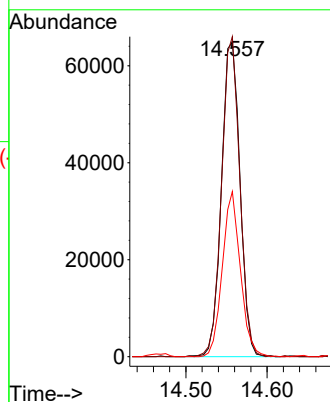
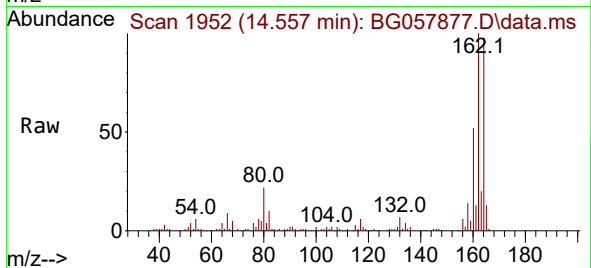
Tgt Ion:164 Resp: 102881

Ion Ratio Lower Upper

164 100

162 101.7 76.4 114.6

160 52.5 34.2 51.2#



#42

2,4,6-Tribromophenol

Concen: 130.101 ng

RT: 16.044 min Scan# 2205

Delta R.T. -0.002 min

Lab File: BG057877.D

Acq: 27 Jun 2023 22:03

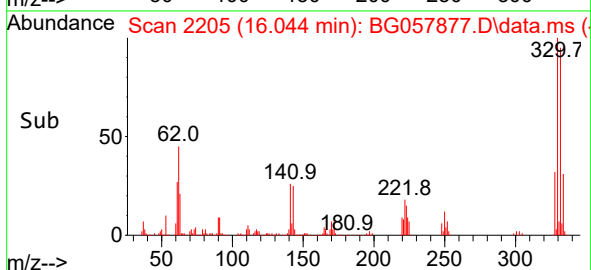
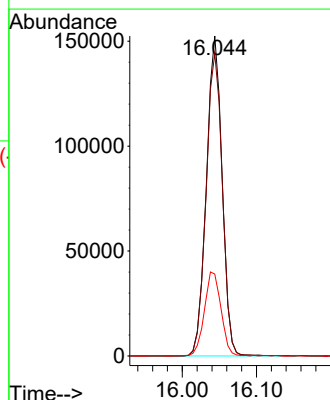
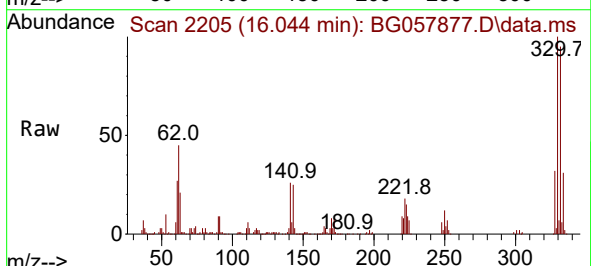
Tgt Ion:330 Resp: 224813

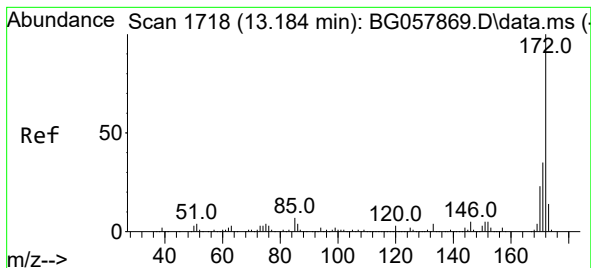
Ion Ratio Lower Upper

330 100

332 97.5 77.1 115.7

141 27.9 22.2 33.4

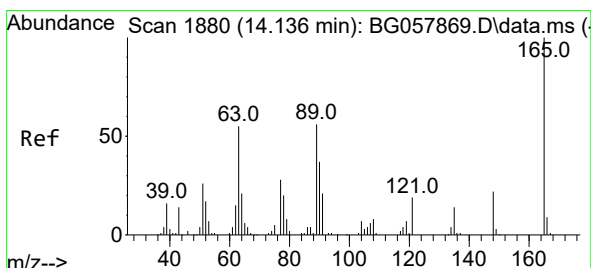
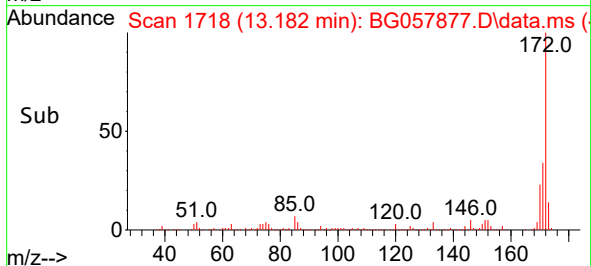
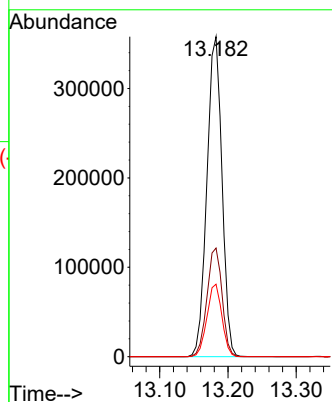
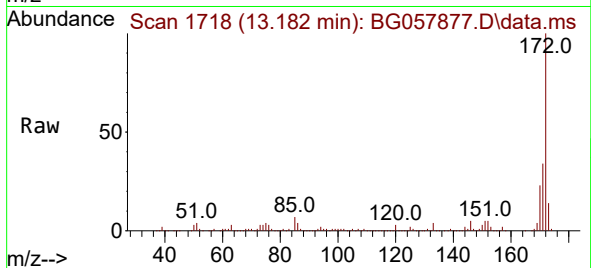




#45
2-Fluorobiphenyl
Concen: 81.659 ng
RT: 13.182 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057877.D
Acq: 27 Jun 2023 22:03

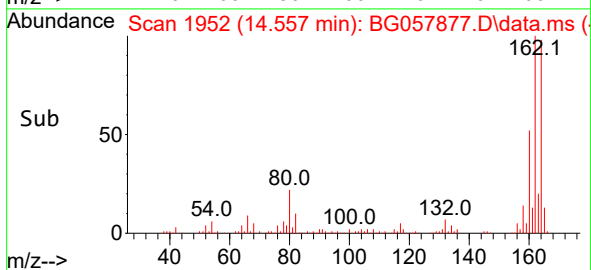
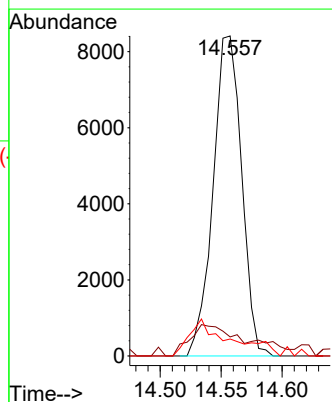
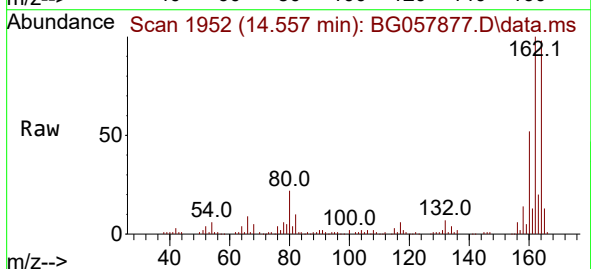
Instrument :
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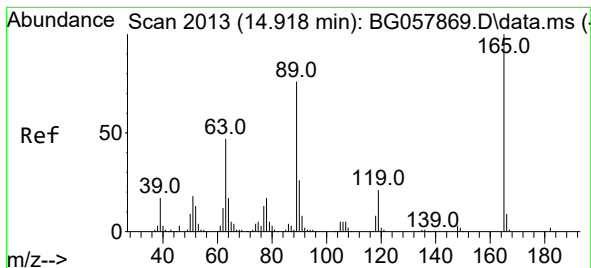
Tgt Ion:172 Resp: 550517
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.8
170 22.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.092 ng
RT: 14.557 min Scan# 1952
Delta R.T. 0.421 min
Lab File: BG057877.D
Acq: 27 Jun 2023 22:03

Tgt Ion:165 Resp: 13701
Ion Ratio Lower Upper
165 100
63 5.9 46.4 69.6#
89 5.3 45.0 67.6#

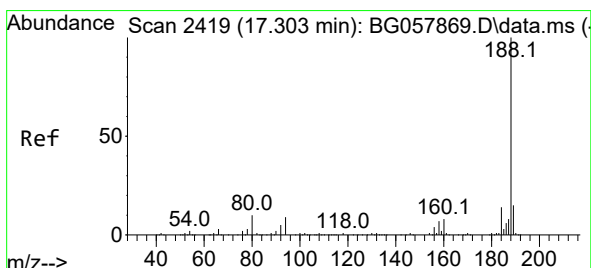
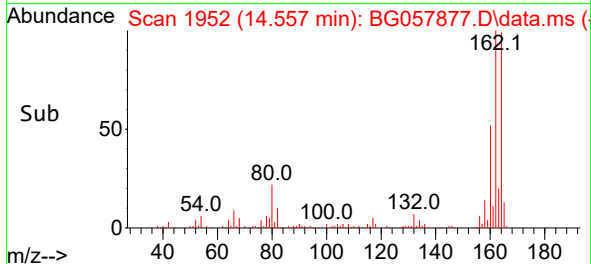
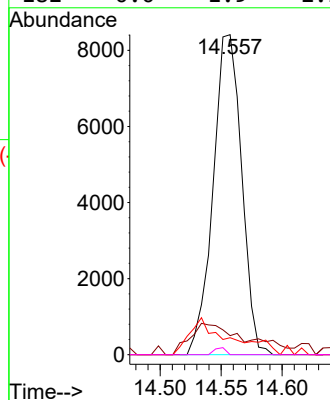
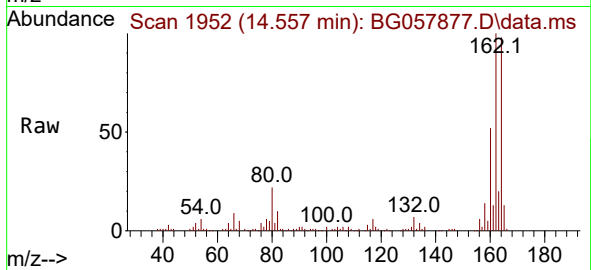




#57
2,4-Dinitrotoluene
Concen: 5.577 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.360 min
Lab File: BG057877.D
Acq: 27 Jun 2023 22:03

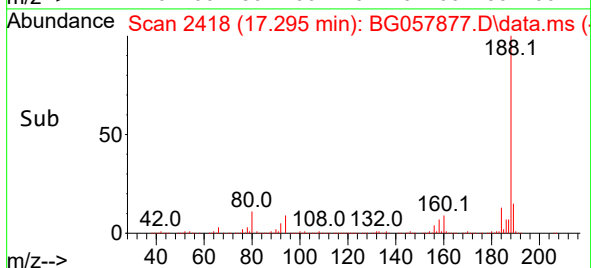
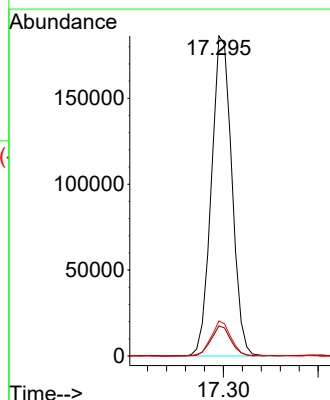
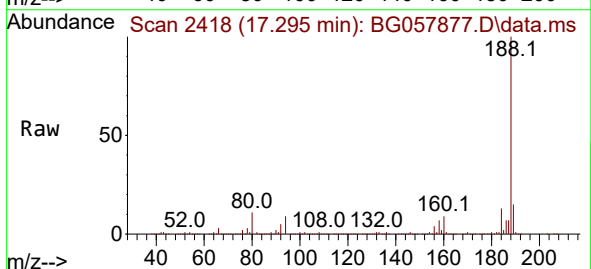
Instrument :
BNA_G
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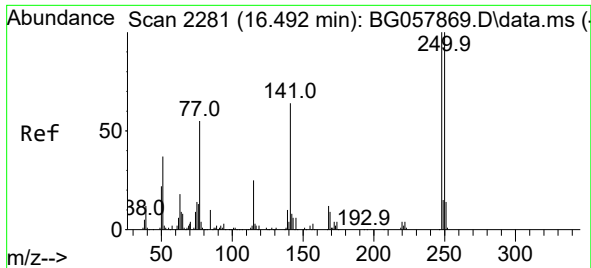
Tgt Ion:165 Resp: 13701
Ion Ratio Lower Upper
165 100
63 5.9 37.6 56.4#
89 5.3 61.0 91.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.295 min Scan# 2418
Delta R.T. -0.008 min
Lab File: BG057877.D
Acq: 27 Jun 2023 22:03

Tgt Ion:188 Resp: 278745
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.9 8.4 12.6

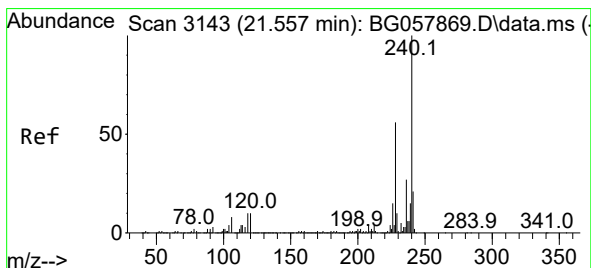
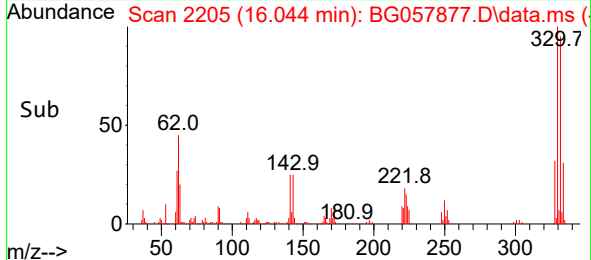
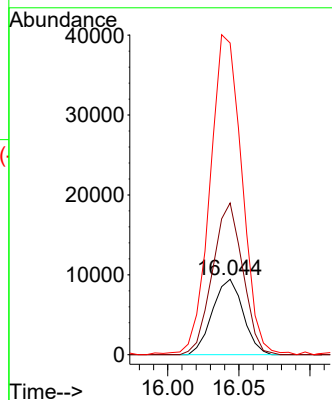
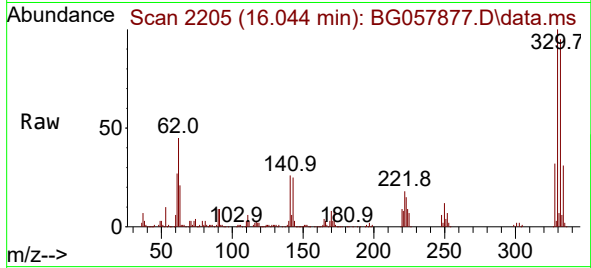




#67
4-Bromophenyl-phenylether
Concen: 4.813 ng
RT: 16.044 min Scan# 21
Delta R.T. -0.448 min
Lab File: BG057877.D
Acq: 27 Jun 2023 22:03

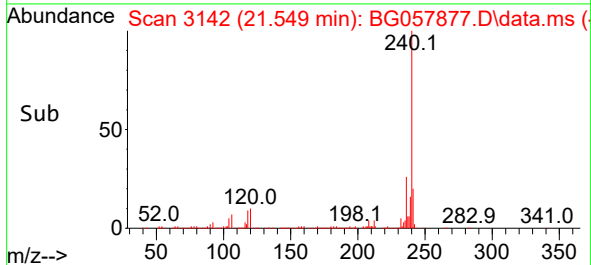
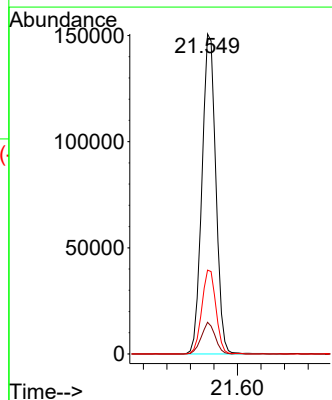
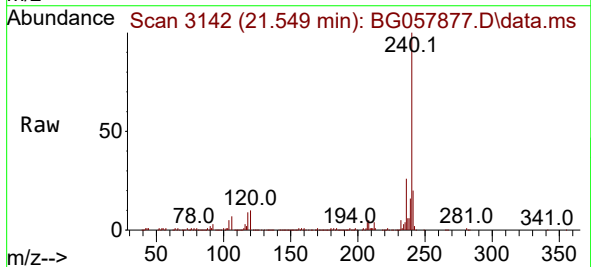
Instrument :
BNA_G
ClientSampleId :
MW-10

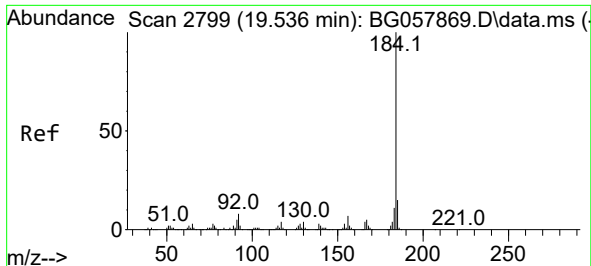
Tgt Ion:248 Resp: 14162
Ion Ratio Lower Upper
248 100
250 201.5 79.7 119.5#
141 414.0 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.549 min Scan# 3142
Delta R.T. -0.008 min
Lab File: BG057877.D
Acq: 27 Jun 2023 22:03

Tgt Ion:240 Resp: 246099
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 26.2 21.9 32.9

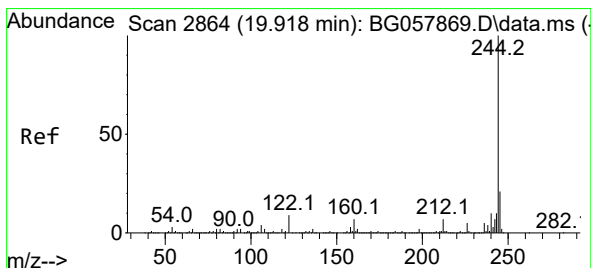
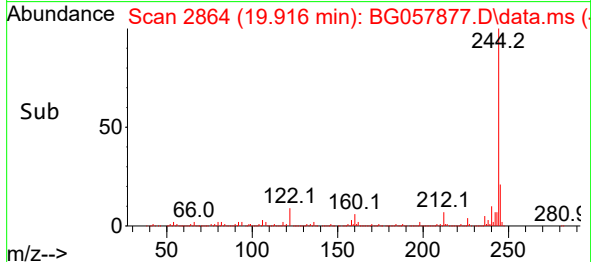
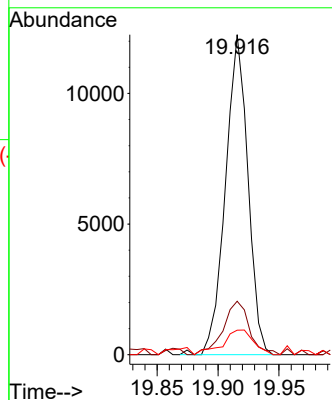
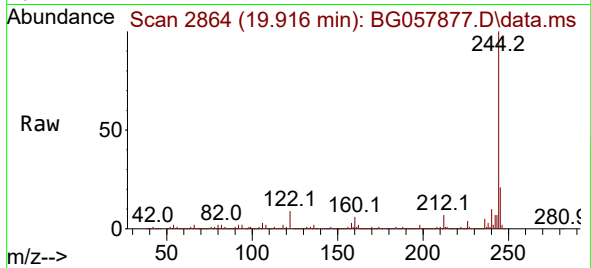




#77
Benzidine
Concen: 2.723 ng
RT: 19.916 min Scan# 21
Delta R.T. 0.380 min
Lab File: BG057877.D
Acq: 27 Jun 2023 22:03

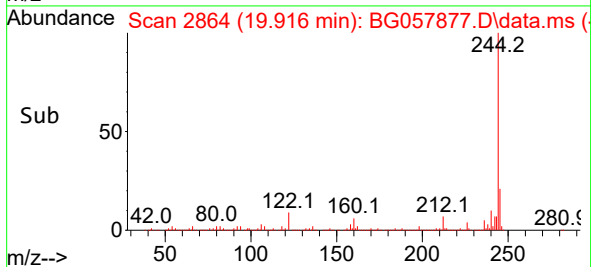
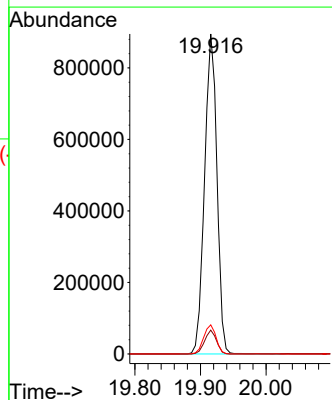
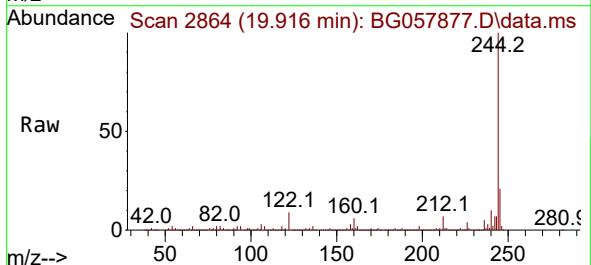
Instrument :
BNA_G
ClientSampleId :
MW-10

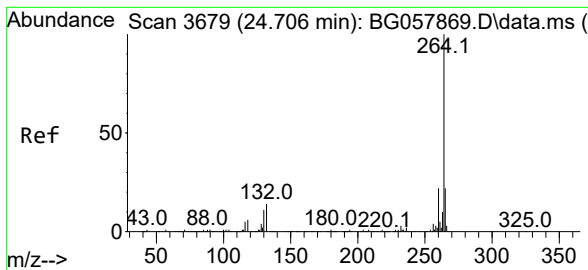
Tgt Ion:184 Resp: 15720
Ion Ratio Lower Upper
184 100
185 16.7 11.7 17.5
183 7.7 9.0 13.4#



#79
Terphenyl-d14
Concen: 87.057 ng
RT: 19.916 min Scan# 2864
Delta R.T. -0.002 min
Lab File: BG057877.D
Acq: 27 Jun 2023 22:03

Tgt Ion:244 Resp: 1175189
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 9.1 7.4 11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.698 min Scan# 30
Delta R.T. -0.008 min
Lab File: BG057877.D
Acq: 27 Jun 2023 22:03

Instrument :
BNA_G
ClientSampleId :
MW-10

Tgt Ion:264 Resp: 295302
Ion Ratio Lower Upper
264 100
260 21.8 17.8 26.8
265 20.5 17.3 25.9

