

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057811.D
 Acq On : 22 Jun 2023 15:50
 Operator : CG/JU
 Sample : 03238-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-7

Quant Time: Jun 22 16:50:19 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)

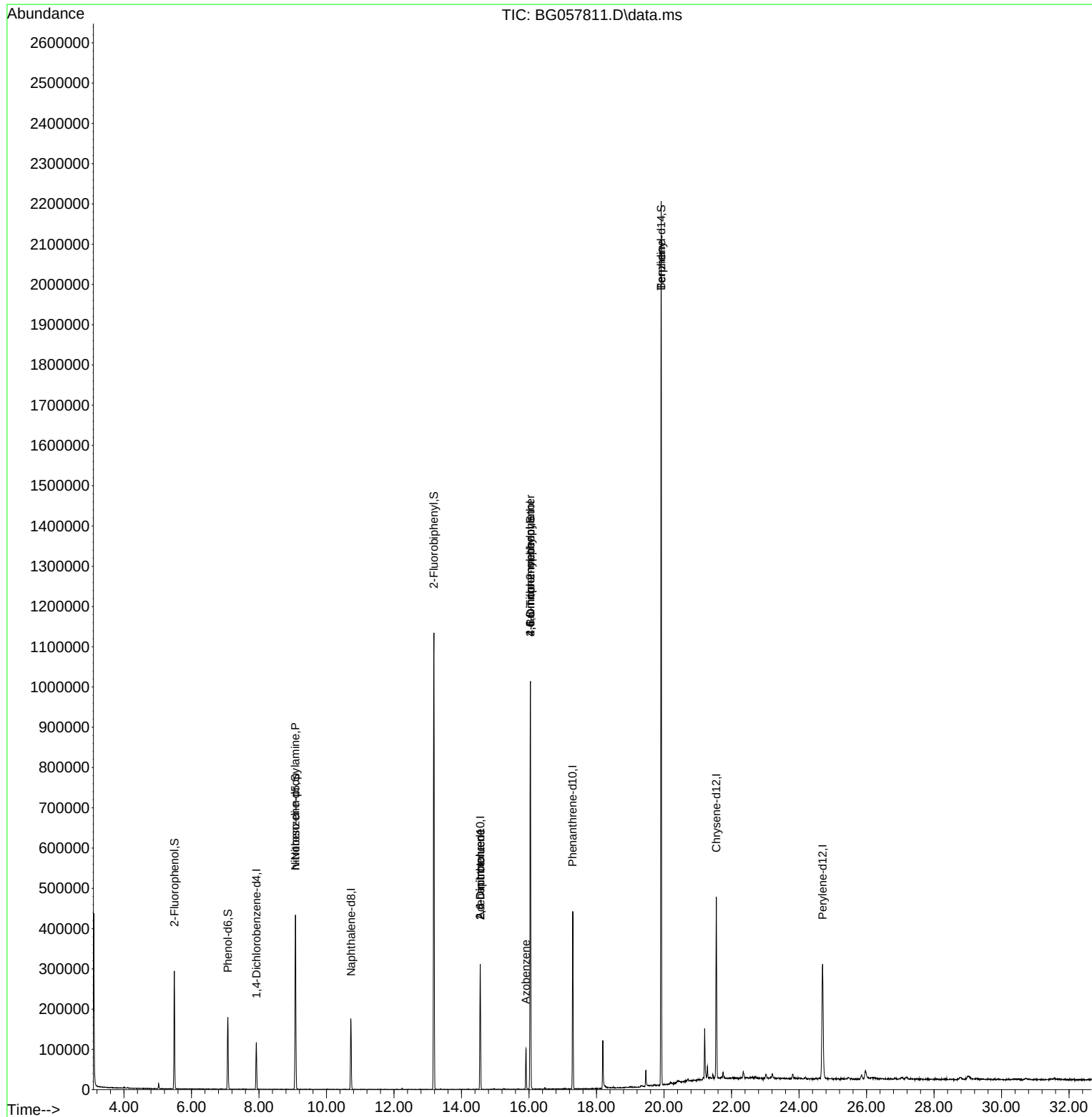
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	31673	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	146757	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	112084	20.000	ng	0.00
64) Phenanthrene-d10	17.295	188	283218	20.000	ng	-0.01
76) Chrysene-d12	21.549	240	250537	20.000	ng	-0.01
86) Perylene-d12	24.698	264	305749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	119340	58.097	ng	0.00
7) Phenol-d6	7.077	99	106751	34.059	ng	-0.01
23) Nitrobenzene-d5	9.081	82	260072	90.952	ng	-0.01
42) 2,4,6-Tribromophenol	16.043	330	220820	141.432	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	611686	82.775	ng	0.00
79) Terphenyl-d14	19.915	244	1117199	83.150	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.081	70	32823	15.021	ng	# 72
51) 2,6-Dinitrotoluene	14.557	165	14305	9.024	ng	# 18
57) 2,4-Dinitrotoluene	14.557	165	14305	6.654	ng	# 18
63) Azobenzene	15.908	77	28733	3.180	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.043	198	525	5.671	ng	# 1
67) 4-Bromophenyl-phenylether	16.043	248	14398	4.794	ng	# 1
77) Benzidine	19.915	184	15129	2.576	ng	# 94

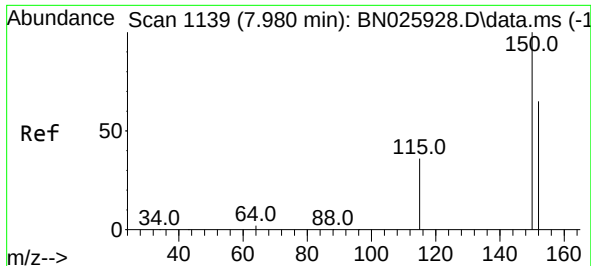
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
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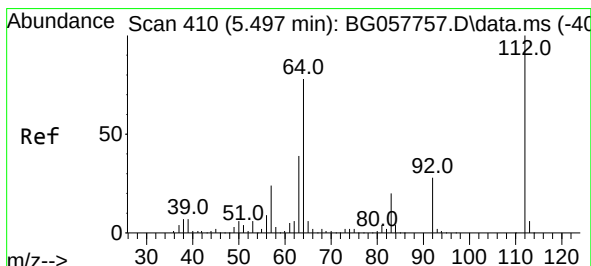
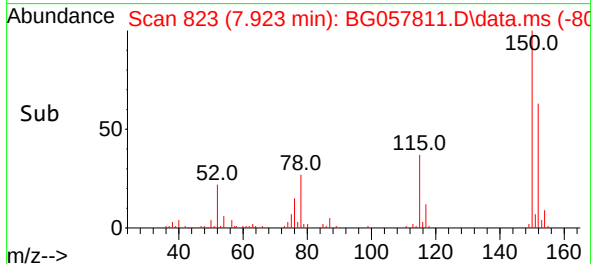
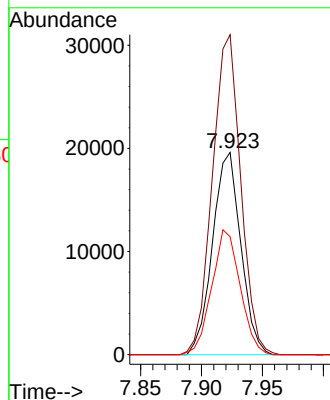
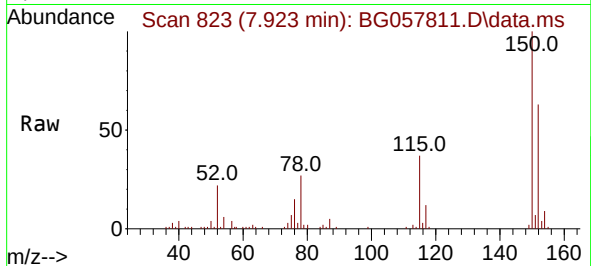




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057811.D
Acq: 22 Jun 2023 15:50

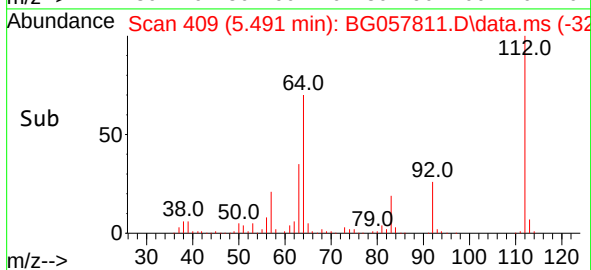
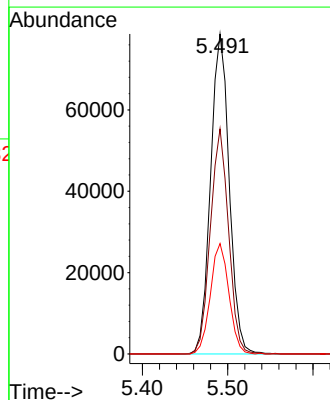
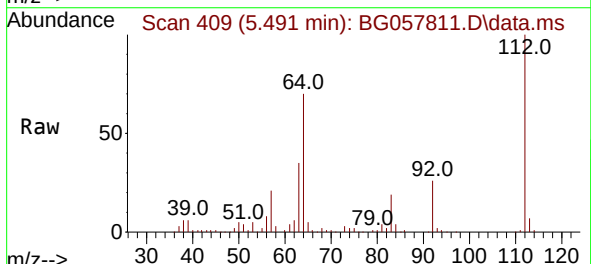
Instrument :
BNA_G
ClientSampleId :
MW-7

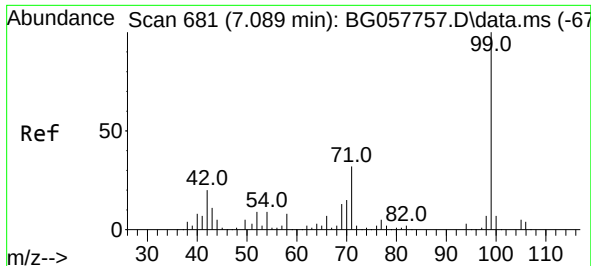
Tgt Ion:152 Resp: 31673
Ion Ratio Lower Upper
152 100
150 158.3 126.6 189.8
115 58.3 48.9 73.3



#5
2-Fluorophenol
Concen: 58.097 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.006 min
Lab File: BG057811.D
Acq: 22 Jun 2023 15:50

Tgt Ion:112 Resp: 119340
Ion Ratio Lower Upper
112 100
64 70.4 62.1 93.1
63 34.5 31.5 47.3

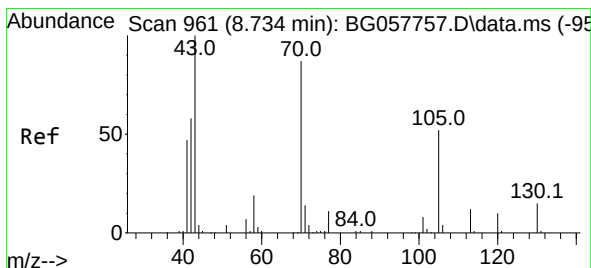
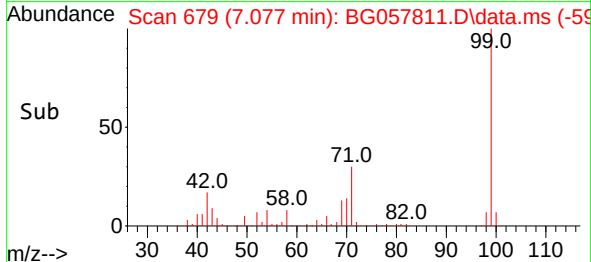
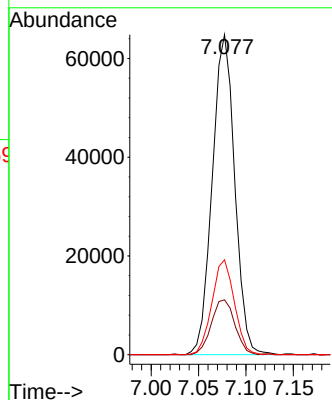
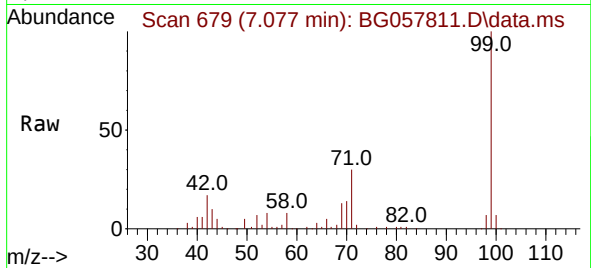




#7
Phenol-d6
Concen: 34.059 ng
RT: 7.077 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG057811.D
Acq: 22 Jun 2023 15:50

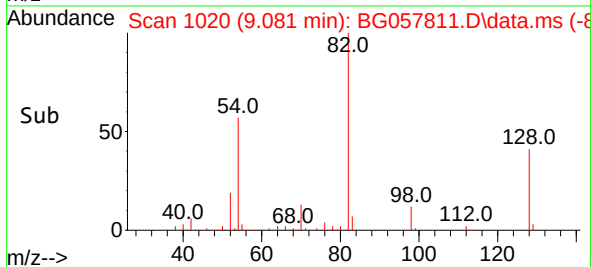
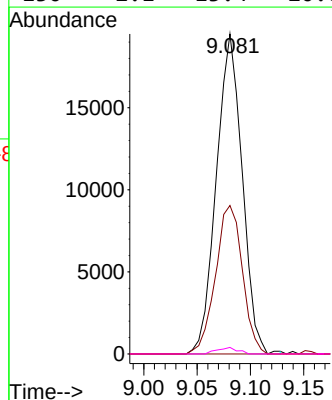
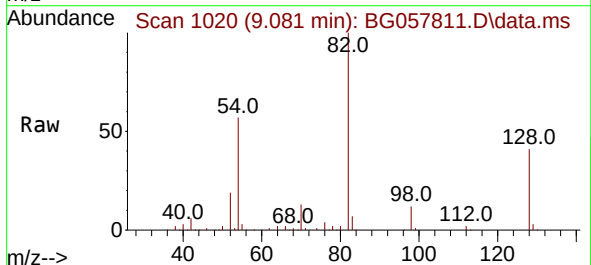
Instrument :
BNA_G
ClientSampleId :
MW-7

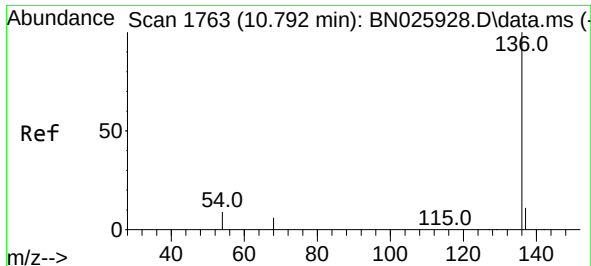
Tgt Ion: 99 Resp: 106751
Ion Ratio Lower Upper
99 100
42 17.2 16.4 24.6
71 29.7 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.021 ng
RT: 9.081 min Scan# 1020
Delta R.T. 0.347 min
Lab File: BG057811.D
Acq: 22 Jun 2023 15:50

Tgt Ion: 70 Resp: 32823
Ion Ratio Lower Upper
70 100
42 46.4 54.2 81.2#
101 0.0 7.4 11.0#
130 2.1 13.4 20.0#

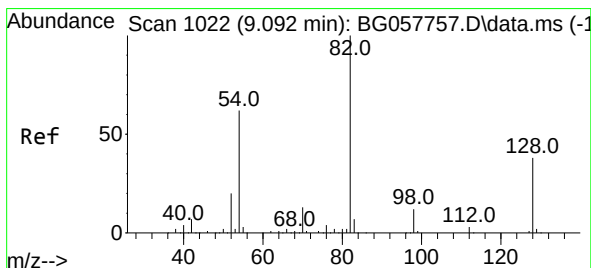
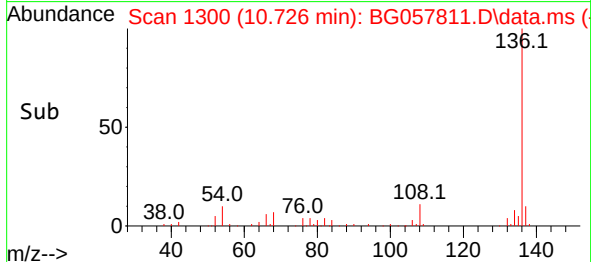
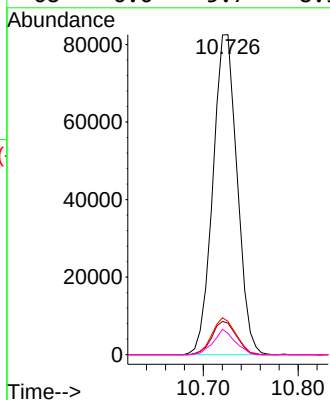
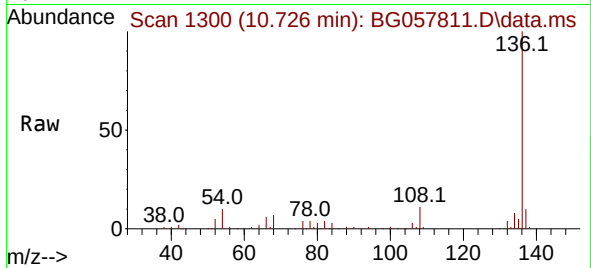




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057811.D
Acq: 22 Jun 2023 15:50

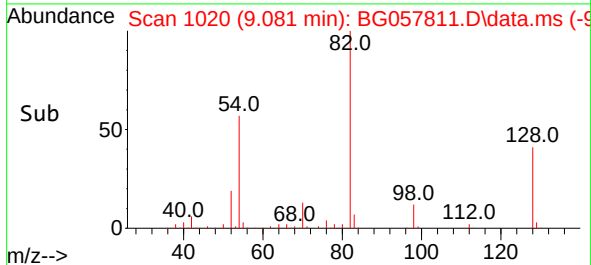
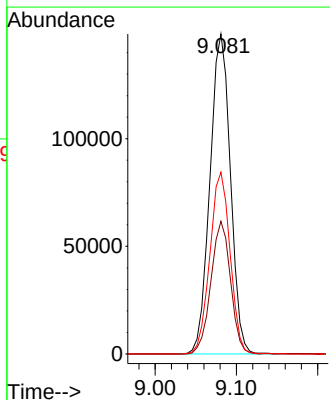
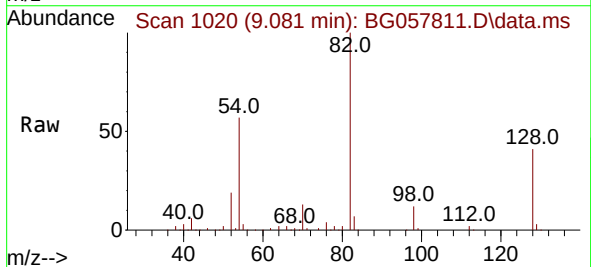
Instrument :
BNA_G
ClientSampleId :
MW-7

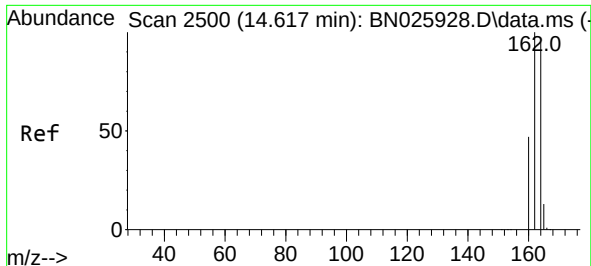
Tgt Ion:	136	Resp:	146757
Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.5	12.7
54	10.4	9.5	14.3
68	6.6	5.7	8.5



#23
Nitrobenzene-d5
Concen: 90.952 ng
RT: 9.081 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BG057811.D
Acq: 22 Jun 2023 15:50

Tgt Ion:	82	Resp:	260072
Ion	Ratio	Lower	Upper
82	100		
128	41.4	30.7	46.1
54	56.8	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: BG057811.D

Acq: 22 Jun 2023 15:50

Instrument :

BNA_G

ClientSampleId :

MW-7

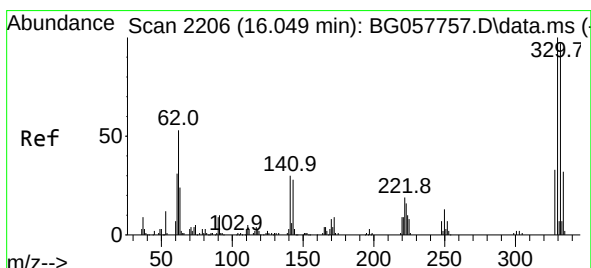
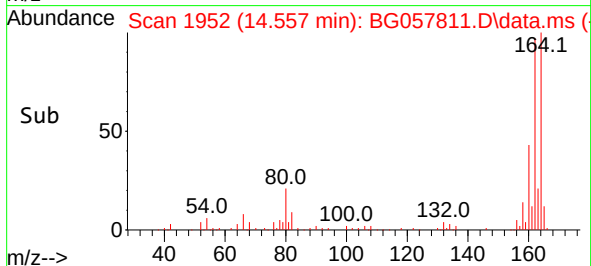
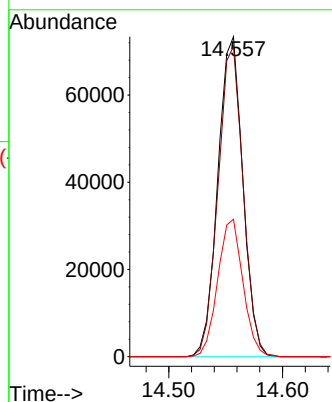
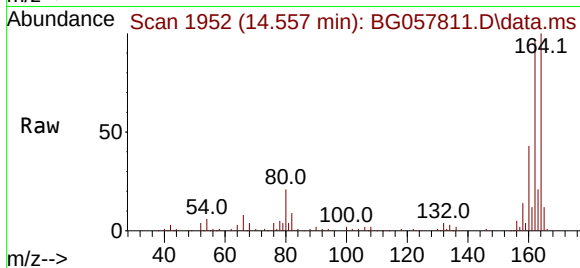
Tgt Ion:164 Resp: 112084

Ion Ratio Lower Upper

164 100

162 97.0 78.3 117.5

160 42.9 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 141.432 ng

RT: 16.043 min Scan# 2205

Delta R.T. -0.006 min

Lab File: BG057811.D

Acq: 22 Jun 2023 15:50

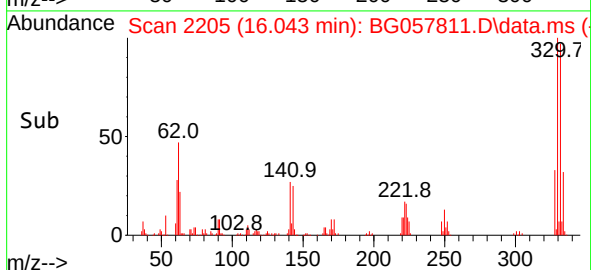
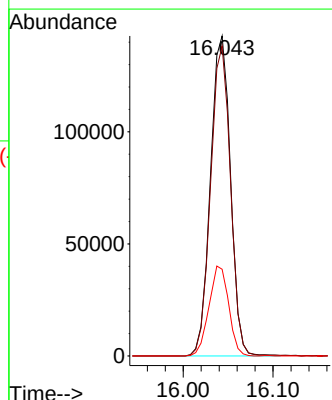
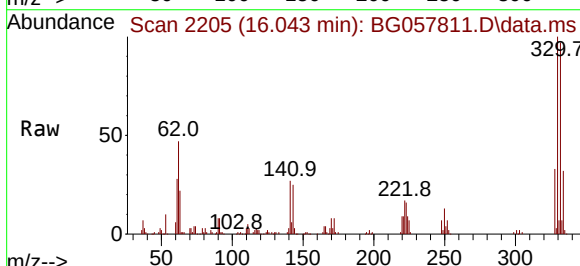
Tgt Ion:330 Resp: 220820

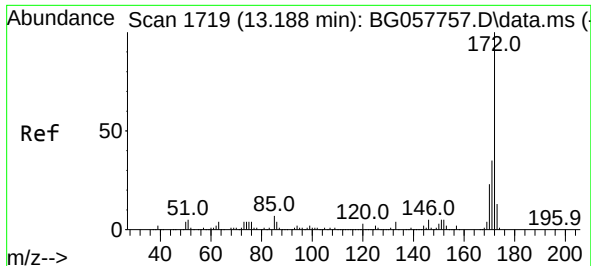
Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

141 27.7 24.7 37.1

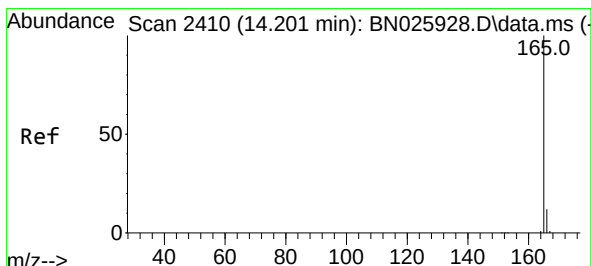
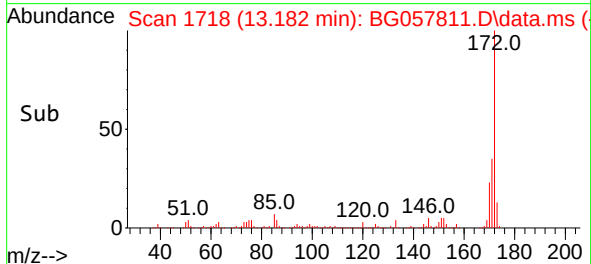
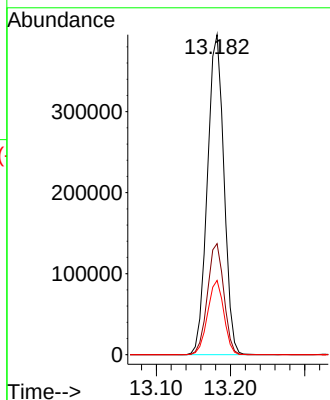
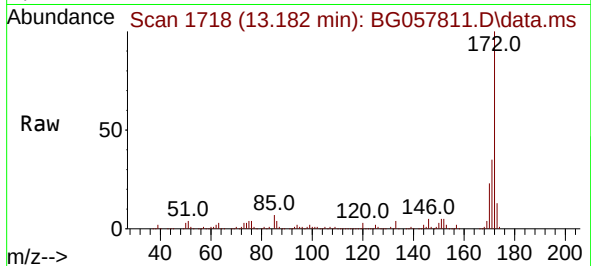




#45
2-Fluorobiphenyl
Concen: 82.775 ng
RT: 13.182 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG057811.D
Acq: 22 Jun 2023 15:50

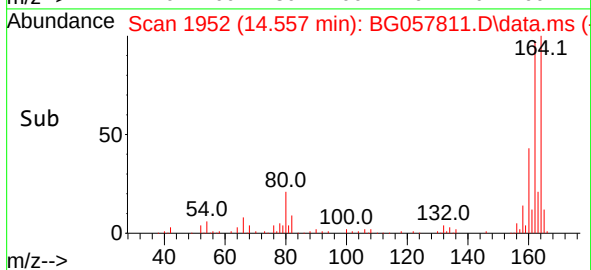
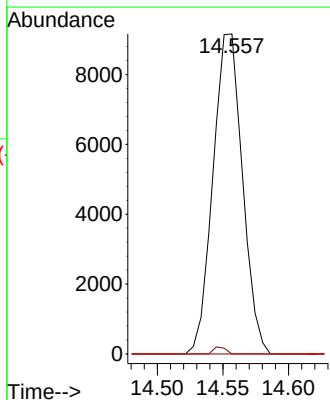
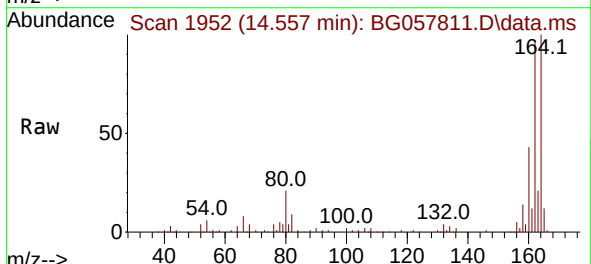
Instrument :
BNA_G
ClientSampleId :
MW-7

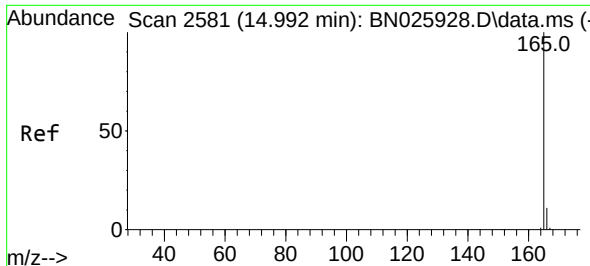
Tgt Ion:172 Resp: 611686
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.024 ng
RT: 14.557 min Scan# 1952
Delta R.T. 0.423 min
Lab File: BG057811.D
Acq: 22 Jun 2023 15:50

Tgt Ion:165 Resp: 14305
Ion Ratio Lower Upper
165 100
63 0.0 52.8 79.2#
89 0.0 50.7 76.1#





#57

2,4-Dinitrotoluene

Concen: 6.654 ng

RT: 14.557 min Scan# 1952

Delta R.T. -0.364 min

Lab File: BG057811.D

Acq: 22 Jun 2023 15:50

Instrument :

BNA_G

ClientSampleId :

MW-7

Tgt Ion:165 Resp: 14305

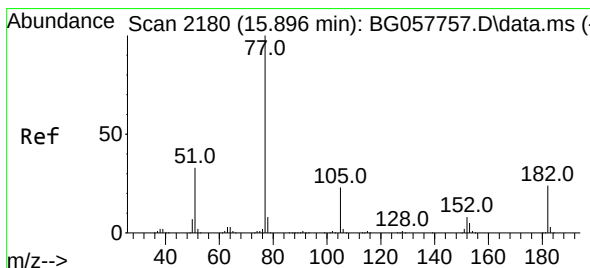
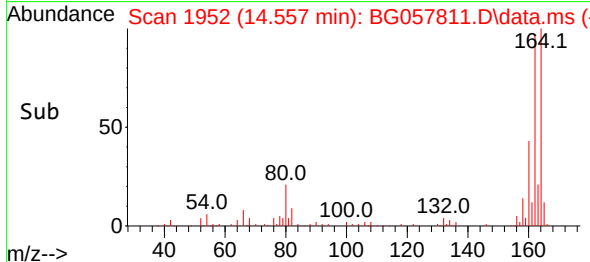
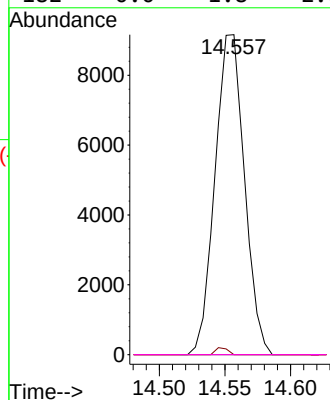
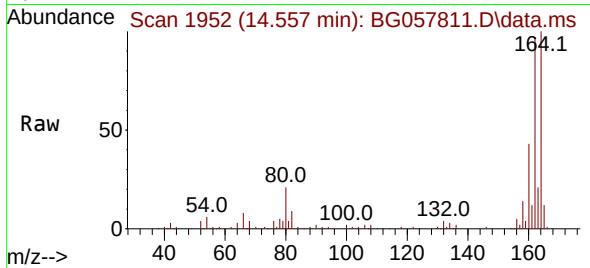
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 0.0 63.7 95.5#

182 0.0 1.8 2.6#



#63

Azobenzene

Concen: 3.180 ng

RT: 15.908 min Scan# 2182

Delta R.T. 0.012 min

Lab File: BG057811.D

Acq: 22 Jun 2023 15:50

Tgt Ion: 77 Resp: 28733

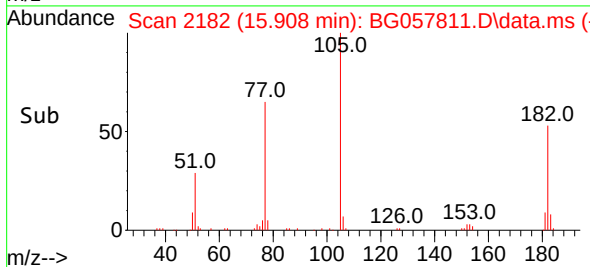
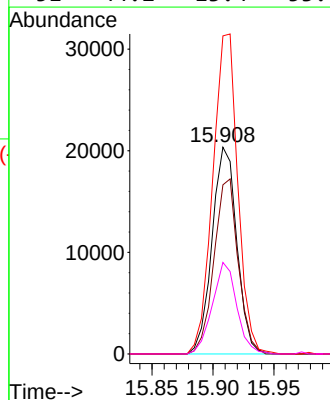
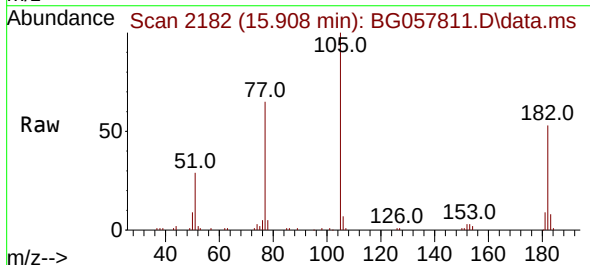
Ion Ratio Lower Upper

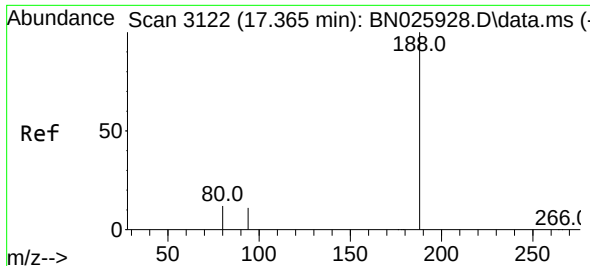
77 100

182 81.8 4.1 44.1#

105 153.8 3.3 43.3#

51 44.2 13.4 53.4

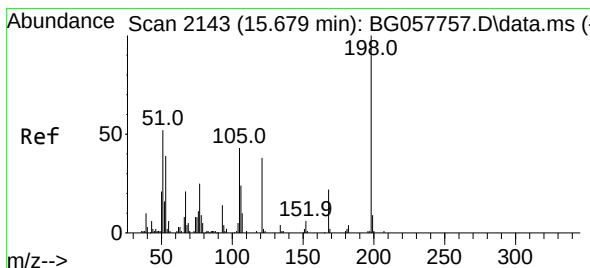
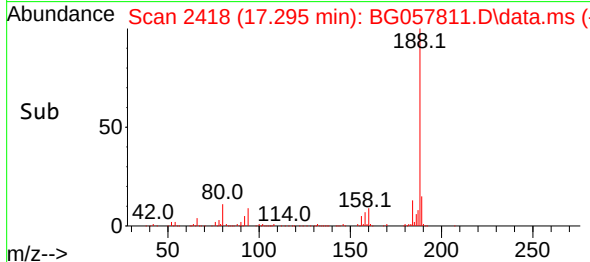
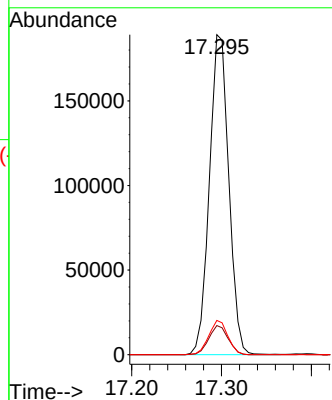
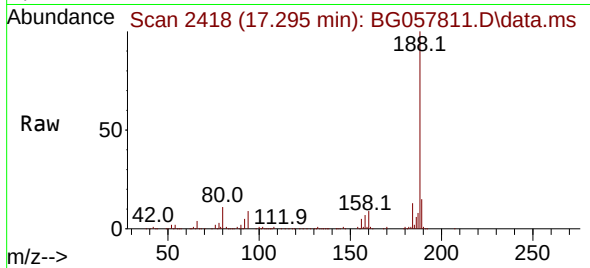




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.295 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BG057811.D
Acq: 22 Jun 2023 15:50

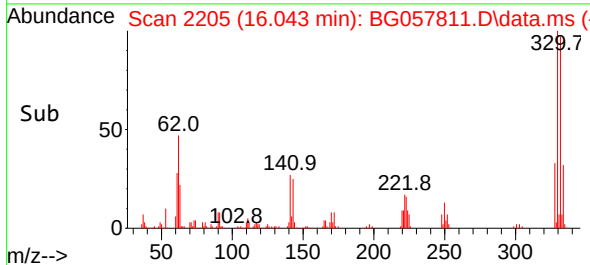
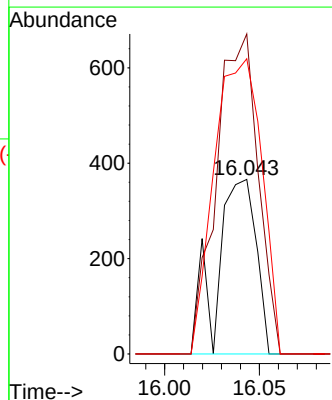
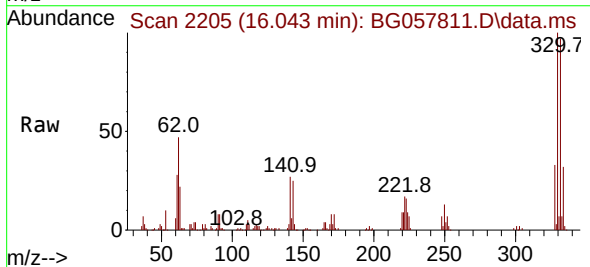
Instrument :
BNA_G
ClientSampleId :
MW-7

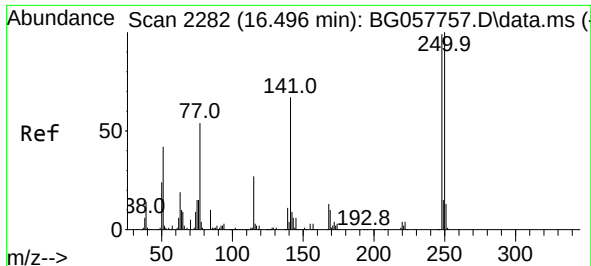
Tgt Ion:188 Resp: 283218
Ion Ratio Lower Upper
188 100
94 9.1 6.6 9.8
80 10.7 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.671 ng
RT: 16.043 min Scan# 2205
Delta R.T. 0.364 min
Lab File: BG057811.D
Acq: 22 Jun 2023 15:50

Tgt Ion:198 Resp: 525
Ion Ratio Lower Upper
198 100
51 183.3 36.6 76.6#
105 169.1 24.3 64.3#

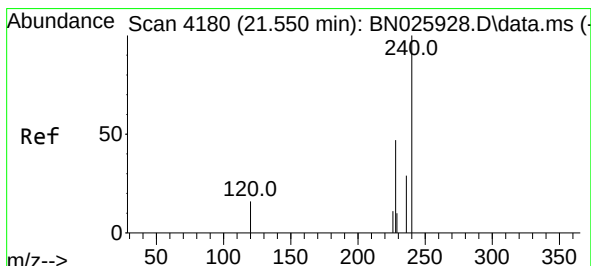
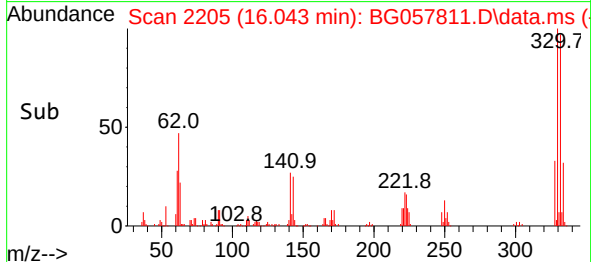
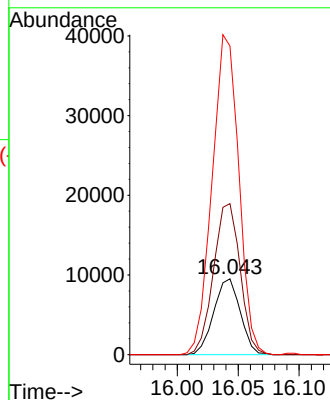
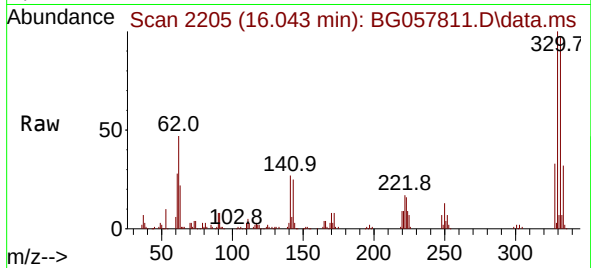




#67
4-Bromophenyl-phenylether
Concen: 4.794 ng
RT: 16.043 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG057811.D
Acq: 22 Jun 2023 15:50

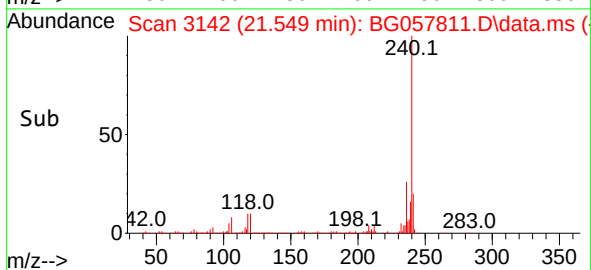
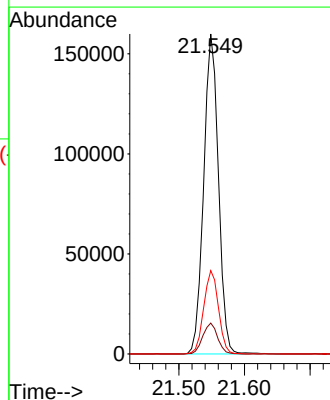
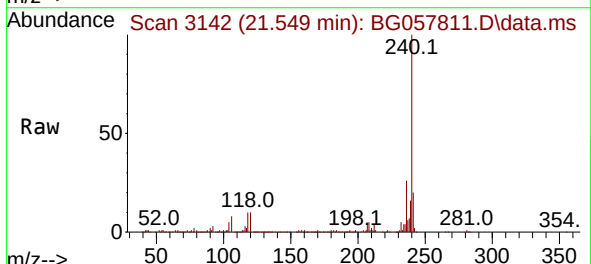
Instrument :
BNA_G
ClientSampleId :
MW-7

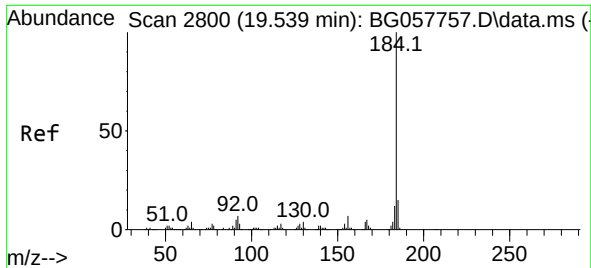
Tgt Ion:248 Resp: 14398
Ion Ratio Lower Upper
248 100
250 199.2 81.1 121.7#
141 407.2 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.549 min Scan# 3142
Delta R.T. -0.012 min
Lab File: BG057811.D
Acq: 22 Jun 2023 15:50

Tgt Ion:240 Resp: 250537
Ion Ratio Lower Upper
240 100
120 9.7 8.1 12.1
236 26.0 20.6 30.8

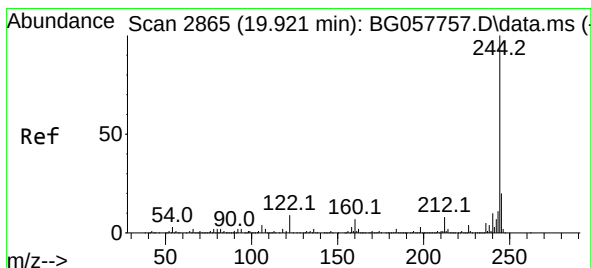
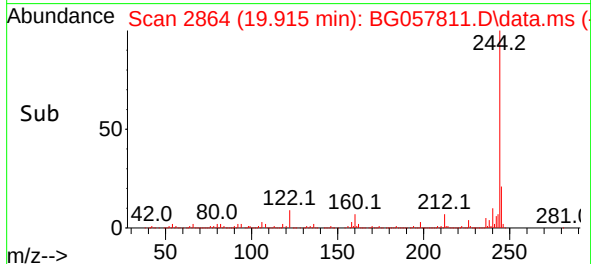
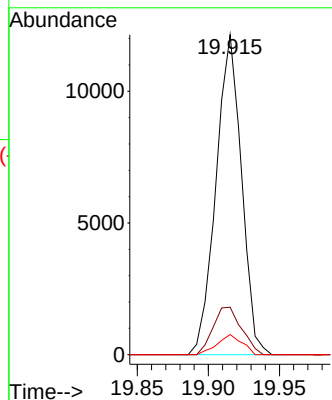
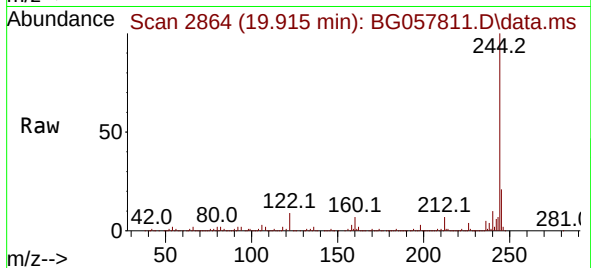




#77
Benzidine
Concen: 2.576 ng
RT: 19.915 min Scan# 2864
Delta R.T. 0.376 min
Lab File: BG057811.D
Acq: 22 Jun 2023 15:50

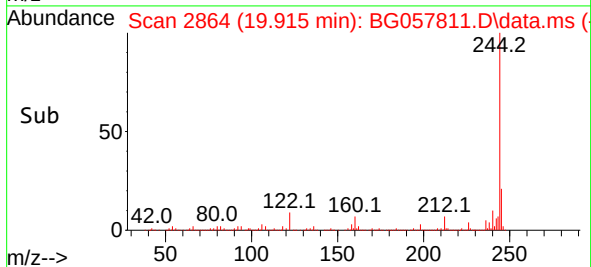
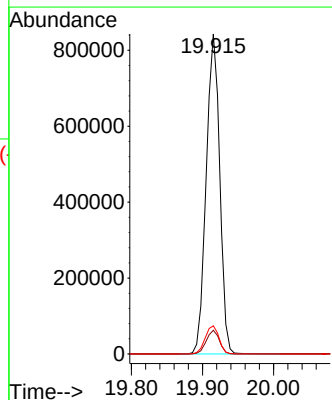
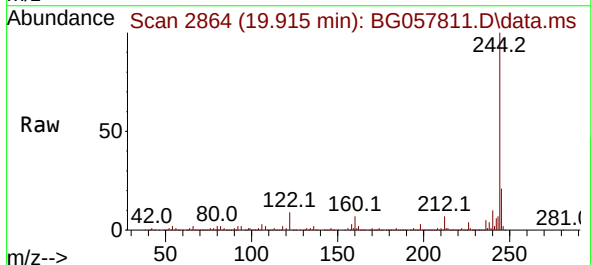
Instrument :
BNA_G
ClientSampleId :
MW-7

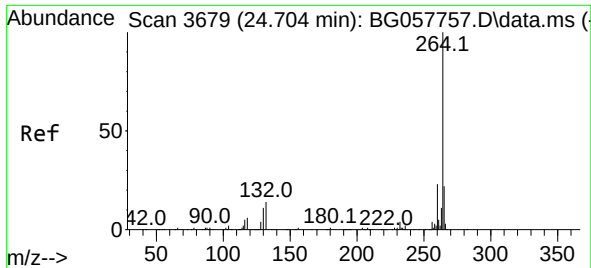
Tgt Ion:184 Resp: 15129
Ion Ratio Lower Upper
184 100
185 14.8 12.0 18.0
183 6.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 83.150 ng
RT: 19.915 min Scan# 2864
Delta R.T. -0.006 min
Lab File: BG057811.D
Acq: 22 Jun 2023 15:50

Tgt Ion:244 Resp: 1117199
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: 24.698 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG057811.D
 Acq: 22 Jun 2023 15:50

Instrument :
 BNA_G
 ClientSampleId :
 MW-7

Tgt Ion:264 Resp: 305749
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.5 27.7
 265 21.8 17.4 26.2

