

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057842.D
 Acq On : 23 Jun 2023 14:43
 Operator : CG/JU
 Sample : 03337-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-11

Quant Time: Jun 23 16:12:39 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)

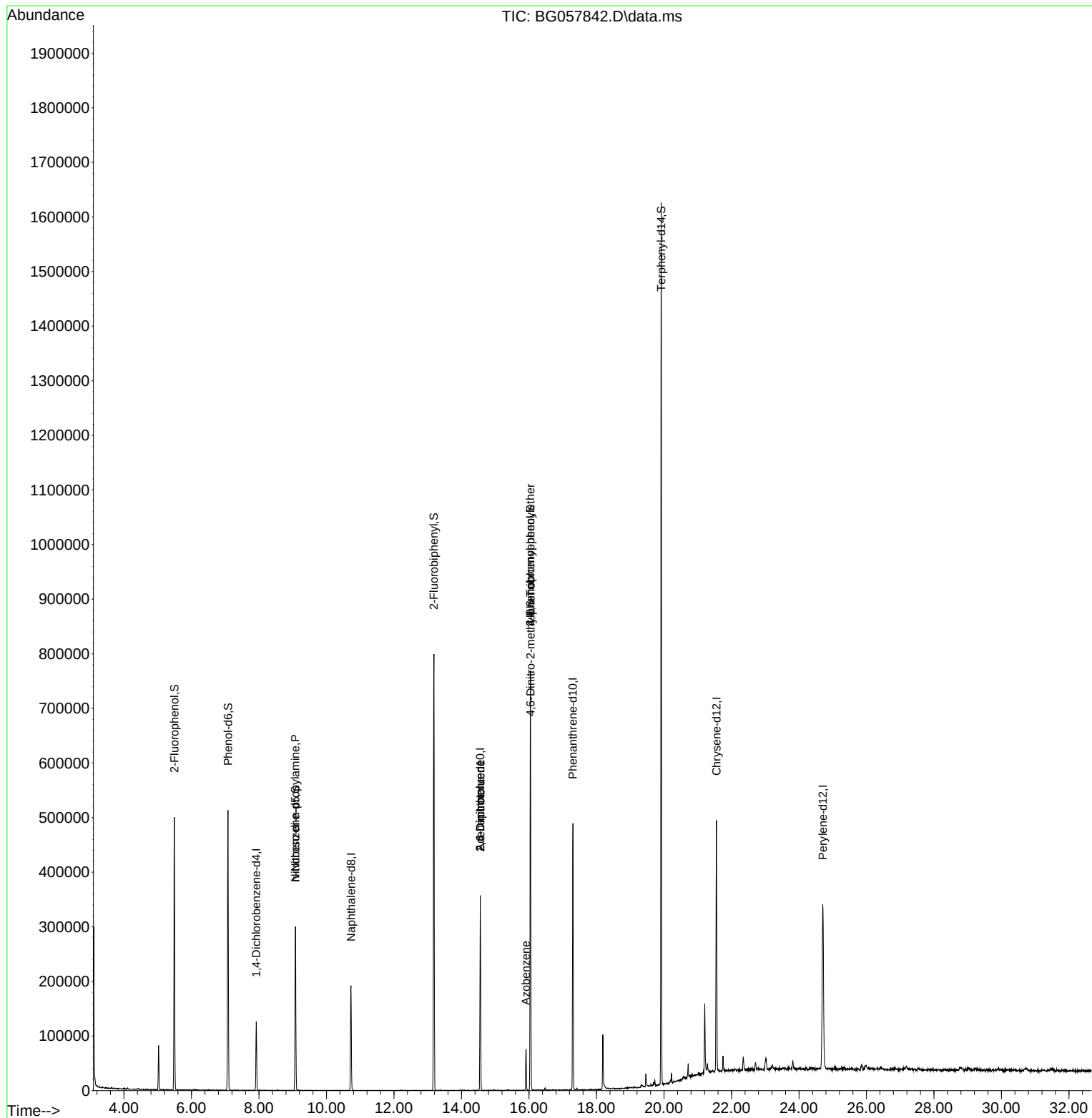
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	33871	20.000	ng	-0.01
21) Naphthalene-d8	10.727	136	162318	20.000	ng	0.00
39) Acenaphthene-d10	14.558	164	125886	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	309738	20.000	ng	0.00
76) Chrysene-d12	21.555	240	264900	20.000	ng	0.00
86) Perylene-d12	24.704	264	327238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	204134	92.928	ng	0.00
7) Phenol-d6	7.084	99	310917	92.760	ng	0.00
23) Nitrobenzene-d5	9.082	82	175617	55.529	ng	-0.01
42) 2,4,6-Tribromophenol	16.044	330	163836	93.429	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	438139	52.789	ng	0.00
79) Terphenyl-d14	19.916	244	813571	57.268	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.082	70	21720	9.295	ng	# 78
51) 2,6-Dinitrotoluene	14.558	165	16679	9.368	ng	# 19
57) 2,4-Dinitrotoluene	14.558	165	16679	6.908	ng	# 19
63) Azobenzene	15.909	77	22708	2.238	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.050	198	352	5.532	ng	# 35
67) 4-Bromophenyl-phenylether	16.044	248	10890	3.315	ng	# 1

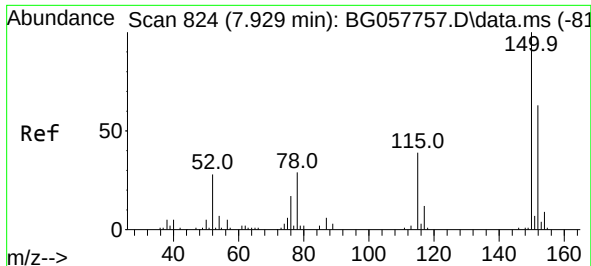
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057842.D
Acq On : 23 Jun 2023 14:43
Operator : CG/JU
Sample : 03337-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-11

Quant Time: Jun 23 16:12:39 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

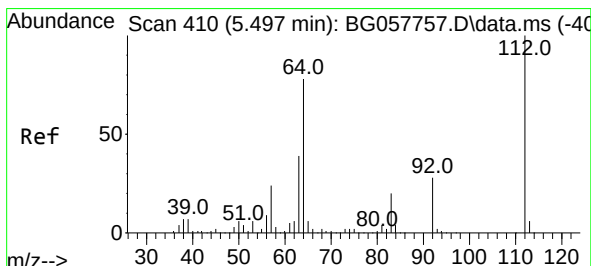
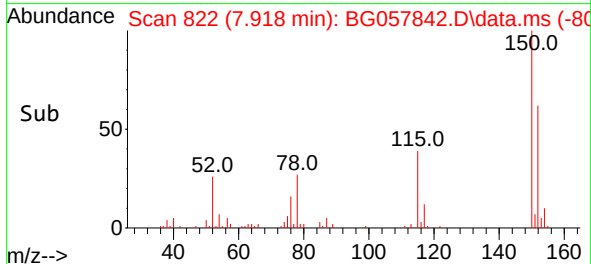
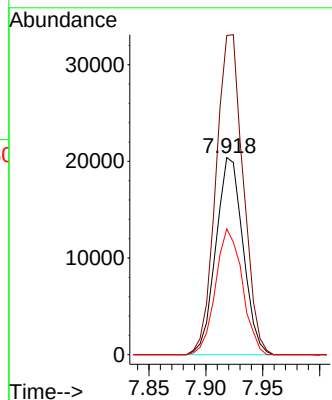
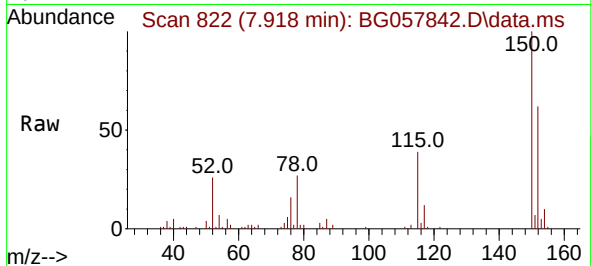




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.918 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG057842.D
Acq: 23 Jun 2023 14:43

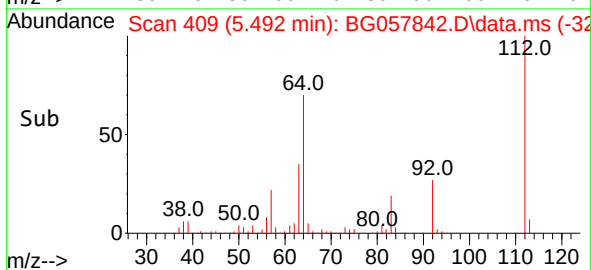
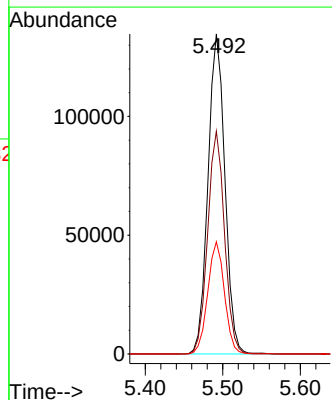
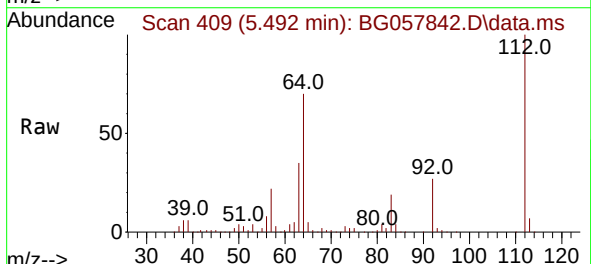
Instrument :
BNA_G
ClientSampleId :
WC-11

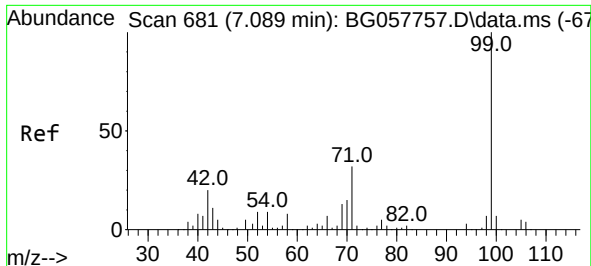
Tgt Ion:152 Resp: 33871
Ion Ratio Lower Upper
152 100
150 161.9 126.6 189.8
115 63.8 48.9 73.3



#5
2-Fluorophenol
Concen: 92.928 ng
RT: 5.492 min Scan# 409
Delta R.T. -0.005 min
Lab File: BG057842.D
Acq: 23 Jun 2023 14:43

Tgt Ion:112 Resp: 204134
Ion Ratio Lower Upper
112 100
64 69.6 62.1 93.1
63 35.1 31.5 47.3

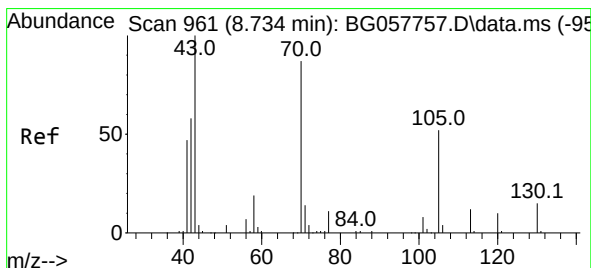
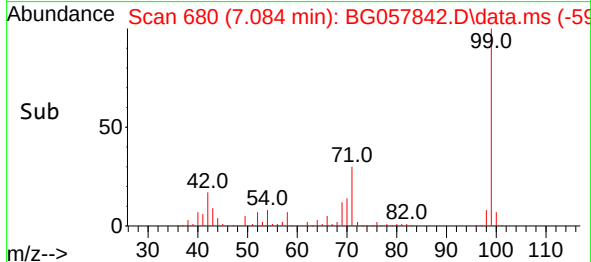
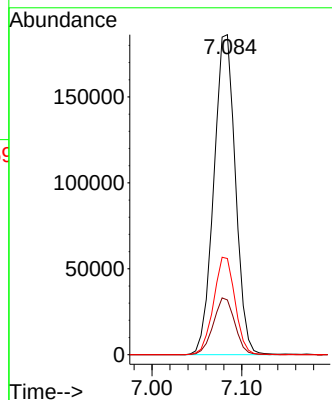
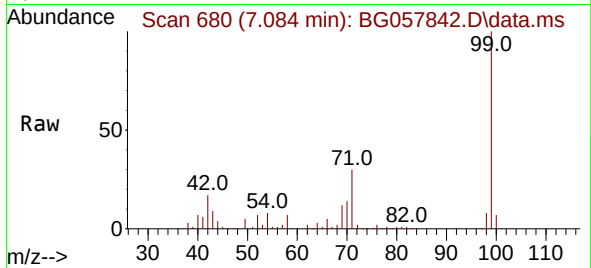




#7
Phenol-d6
Concen: 92.760 ng
RT: 7.084 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057842.D
Acq: 23 Jun 2023 14:43

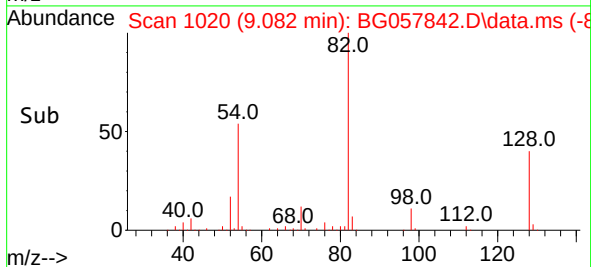
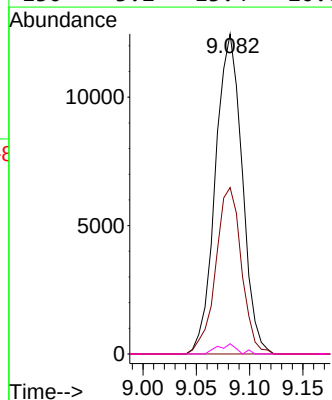
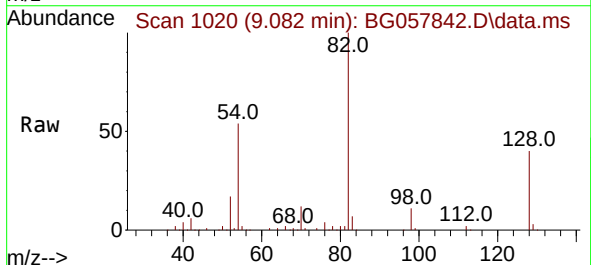
Instrument :
BNA_G
ClientSampleId :
WC-11

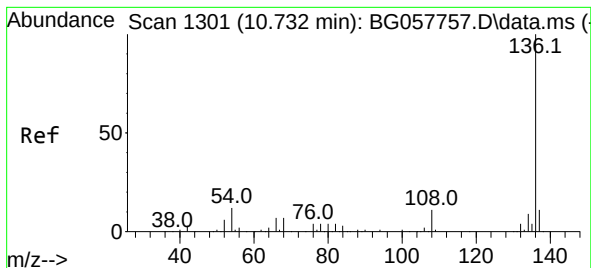
Tgt Ion: 99 Resp: 310917
Ion Ratio Lower Upper
99 100
42 17.1 16.4 24.6
71 30.1 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.295 ng
RT: 9.082 min Scan# 1020
Delta R.T. 0.348 min
Lab File: BG057842.D
Acq: 23 Jun 2023 14:43

Tgt Ion: 70 Resp: 21720
Ion Ratio Lower Upper
70 100
42 52.0 54.2 81.2#
101 0.0 7.4 11.0#
130 3.2 13.4 20.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.727 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG057842.D

Acq: 23 Jun 2023 14:43

Instrument :

BNA_G

ClientSampleId :

WC-11

Tgt Ion:136 Resp: 162318

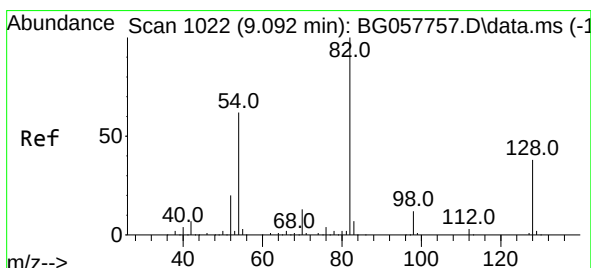
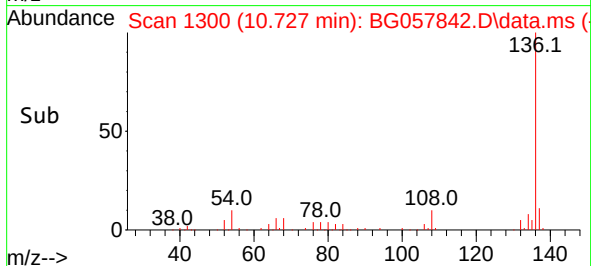
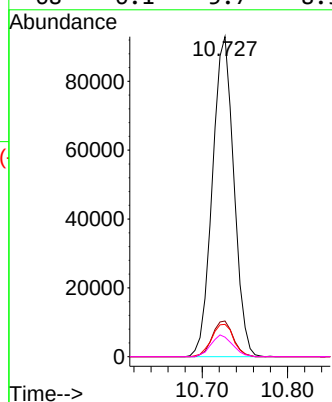
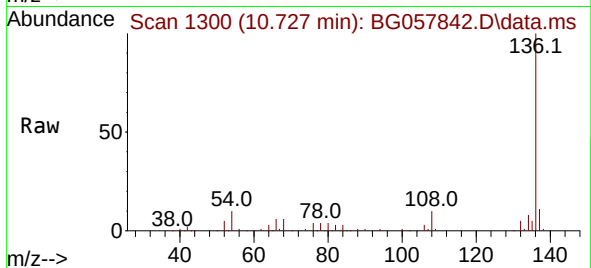
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 10.1 9.5 14.3

68 6.1 5.7 8.5



#23

Nitrobenzene-d5

Concen: 55.529 ng

RT: 9.082 min Scan# 1020

Delta R.T. -0.011 min

Lab File: BG057842.D

Acq: 23 Jun 2023 14:43

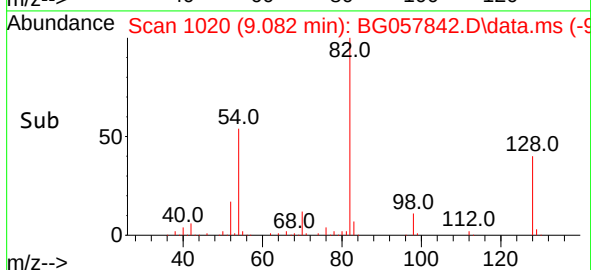
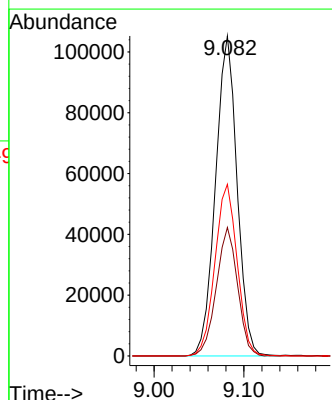
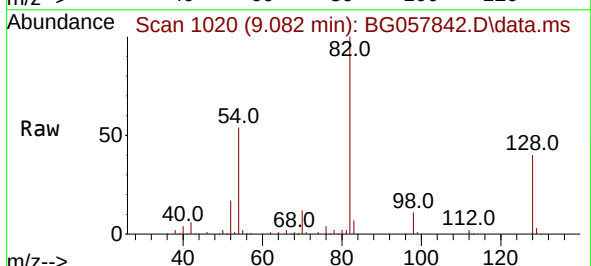
Tgt Ion: 82 Resp: 175617

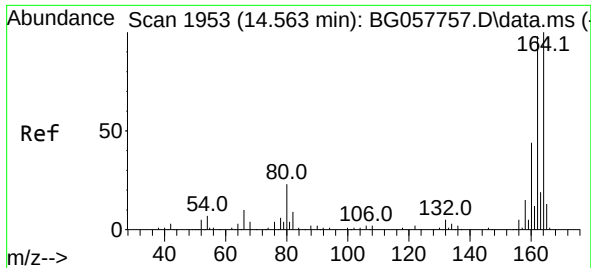
Ion Ratio Lower Upper

82 100

128 40.2 30.7 46.1

54 53.6 49.6 74.4

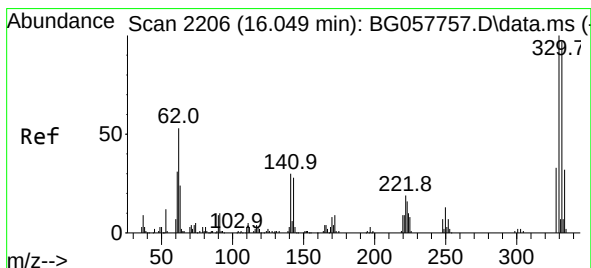
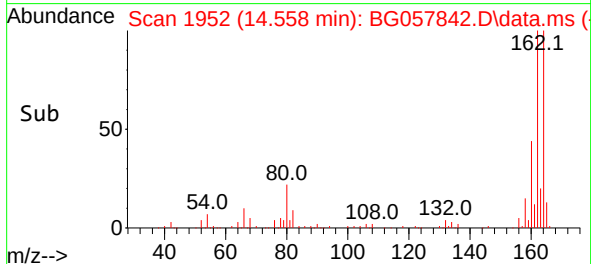
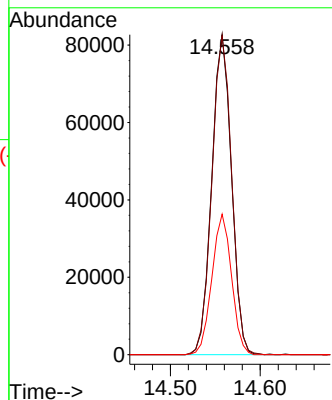
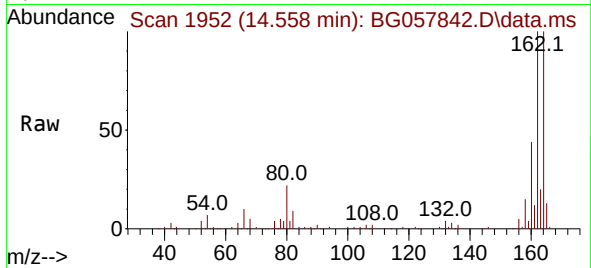




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.558 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BG057842.D
Acq: 23 Jun 2023 14:43

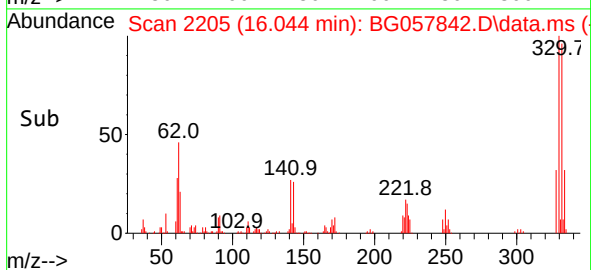
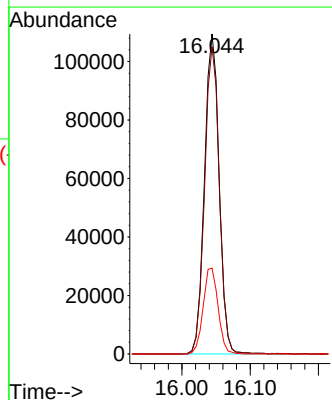
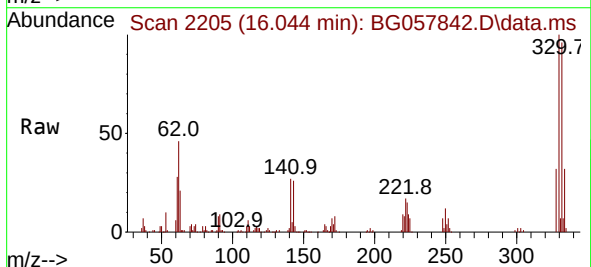
Instrument :
BNA_G
ClientSampleId :
WC-11

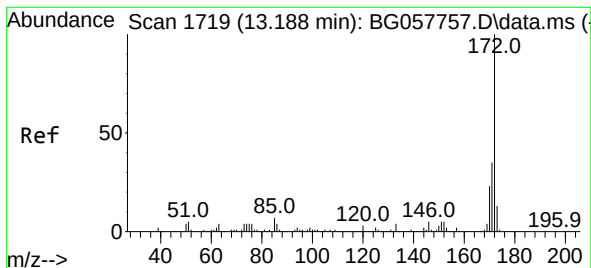
Tgt Ion:164 Resp: 125886
Ion Ratio Lower Upper
164 100
162 99.7 78.3 117.5
160 43.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 93.429 ng
RT: 16.044 min Scan# 2205
Delta R.T. -0.005 min
Lab File: BG057842.D
Acq: 23 Jun 2023 14:43

Tgt Ion:330 Resp: 163836
Ion Ratio Lower Upper
330 100
332 95.9 76.6 115.0
141 27.2 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 52.789 ng

RT: 13.183 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG057842.D

Acq: 23 Jun 2023 14:43

Instrument :

BNA_G

ClientSampleId :

WC-11

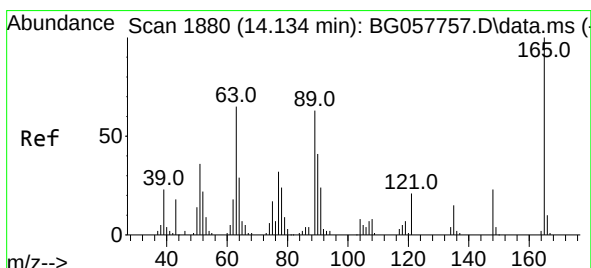
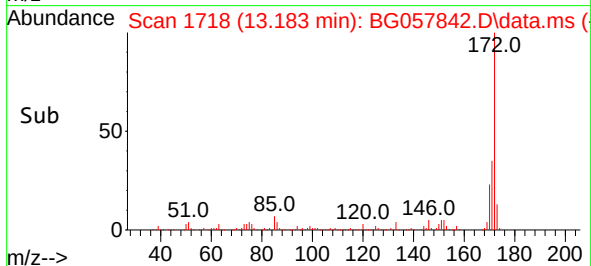
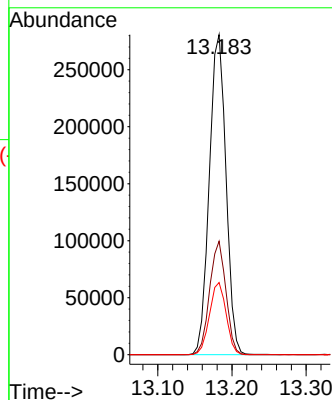
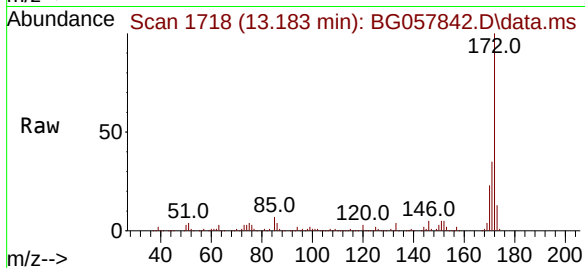
Tgt Ion:172 Resp: 438139

Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 22.6 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.368 ng

RT: 14.558 min Scan# 1952

Delta R.T. 0.424 min

Lab File: BG057842.D

Acq: 23 Jun 2023 14:43

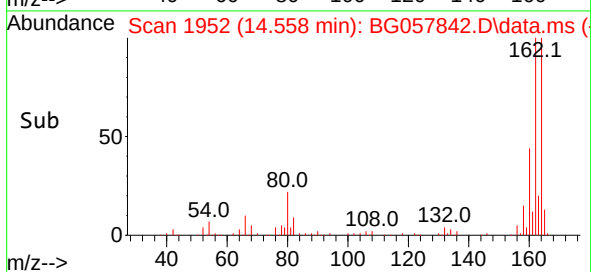
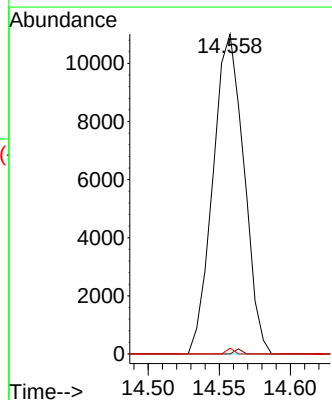
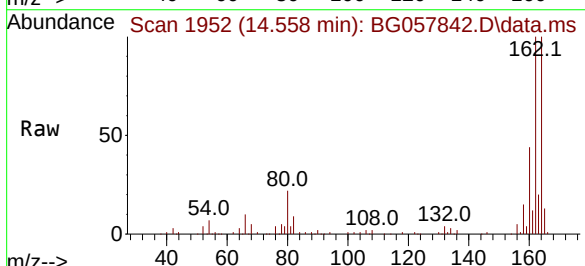
Tgt Ion:165 Resp: 16679

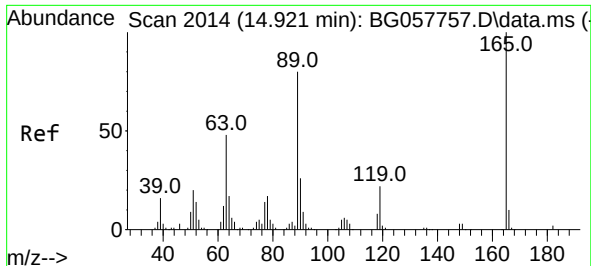
Ion Ratio Lower Upper

165 100

63 0.0 52.8 79.2#

89 1.8 50.7 76.1#





#57

2,4-Dinitrotoluene

Concen: 6.908 ng

RT: 14.558 min Scan# 1952

Delta R.T. -0.363 min

Lab File: BG057842.D

Acq: 23 Jun 2023 14:43

Instrument :

BNA_G

ClientSampleId :

WC-11

Tgt Ion:165 Resp: 16679

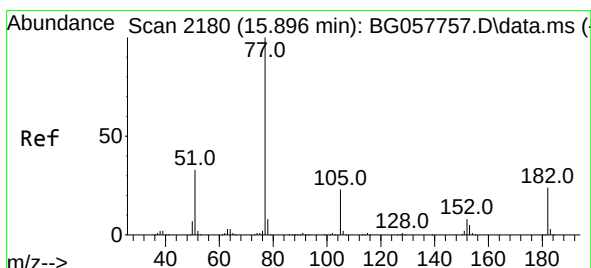
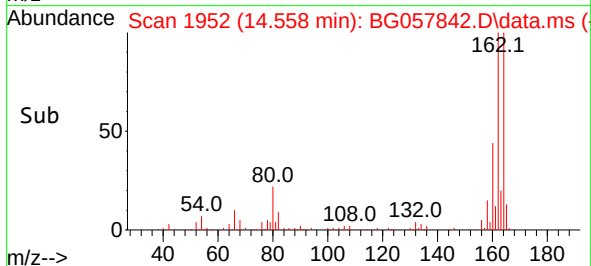
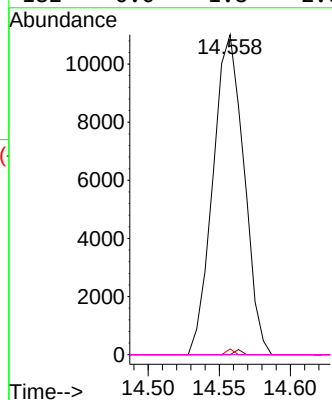
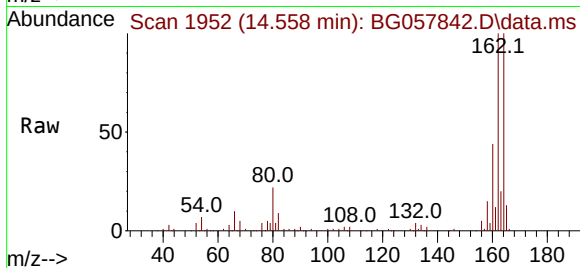
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 1.8 63.7 95.5#

182 0.0 1.8 2.6#



#63

Azobenzene

Concen: 2.238 ng

RT: 15.909 min Scan# 2182

Delta R.T. 0.013 min

Lab File: BG057842.D

Acq: 23 Jun 2023 14:43

Tgt Ion: 77 Resp: 22708

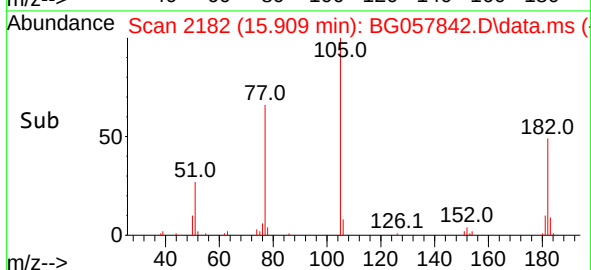
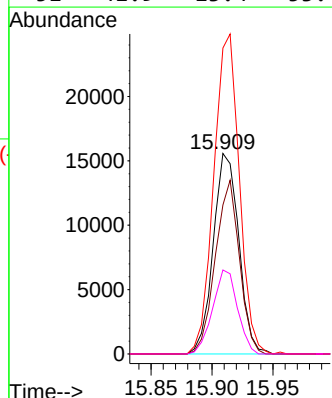
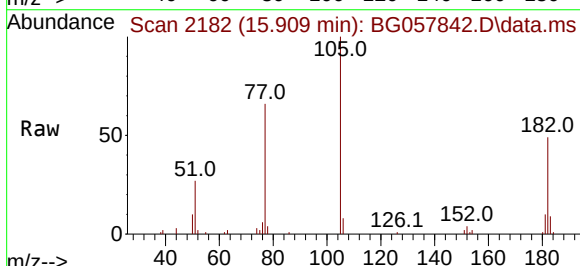
Ion Ratio Lower Upper

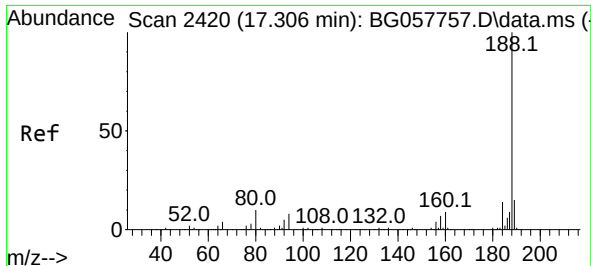
77 100

182 74.3 4.1 44.1#

105 152.6 3.3 43.3#

51 41.9 13.4 53.4

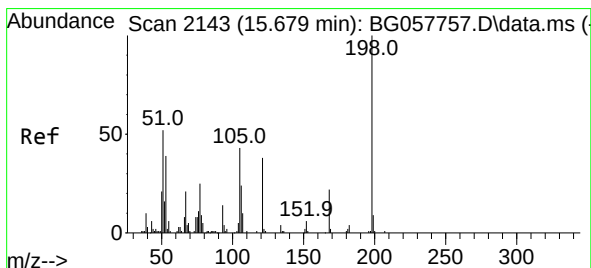
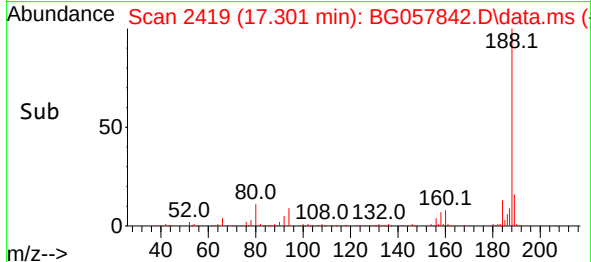
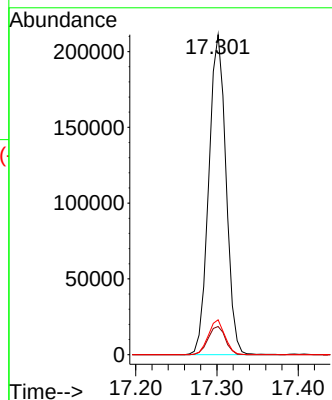
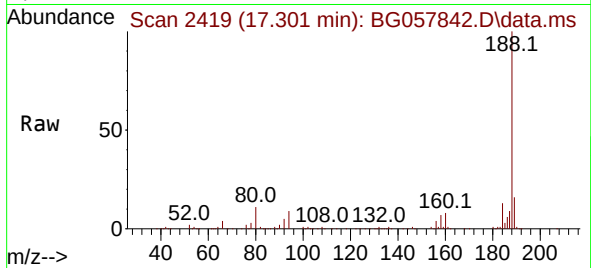




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG057842.D
Acq: 23 Jun 2023 14:43

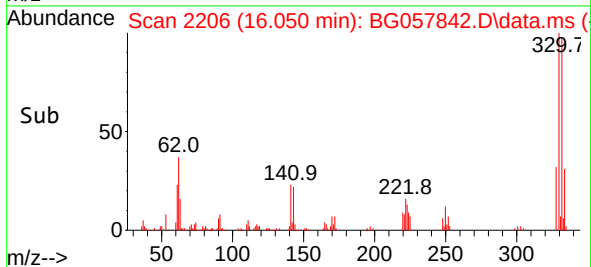
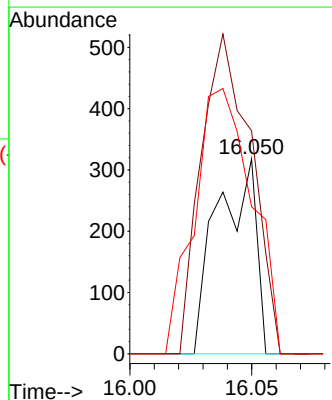
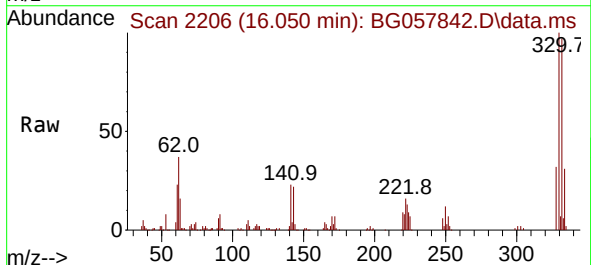
Instrument :
BNA_G
ClientSampleId :
WC-11

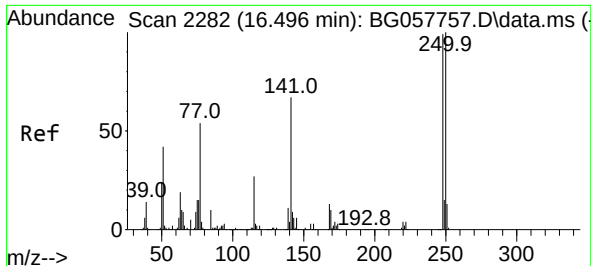
Tgt Ion:188 Resp: 309738
Ion Ratio Lower Upper
188 100
94 8.8 6.6 9.8
80 10.9 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.532 ng
RT: 16.050 min Scan# 2206
Delta R.T. 0.371 min
Lab File: BG057842.D
Acq: 23 Jun 2023 14:43

Tgt Ion:198 Resp: 352
Ion Ratio Lower Upper
198 100
51 114.5 36.6 76.6#
105 75.5 24.3 64.3#

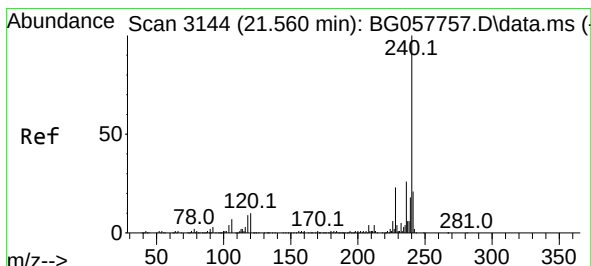
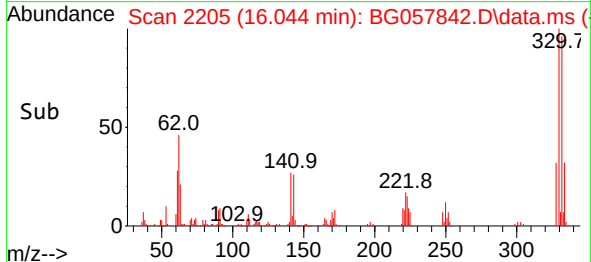
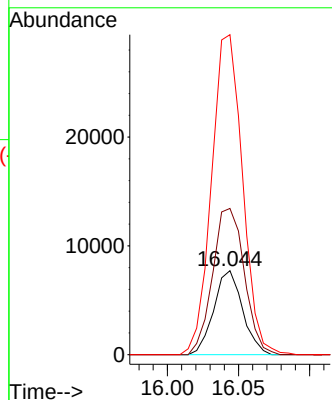
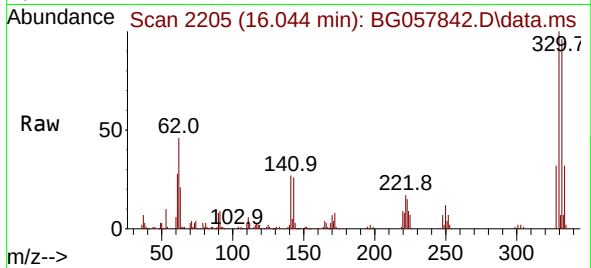




#67
4-Bromophenyl-phenylether
Concen: 3.315 ng
RT: 16.044 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG057842.D
Acq: 23 Jun 2023 14:43

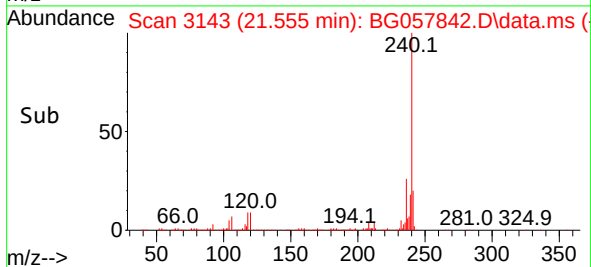
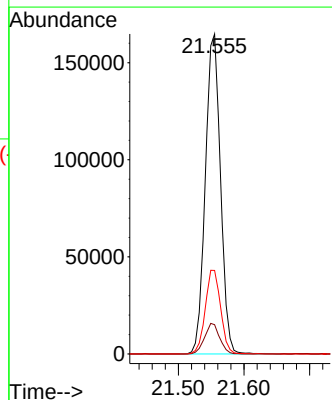
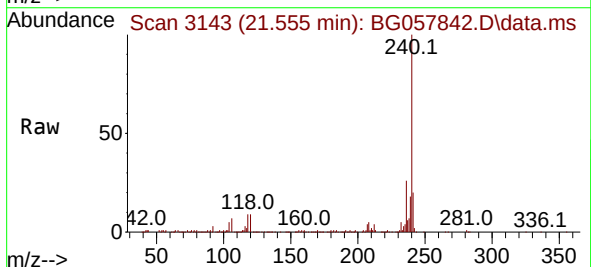
Instrument :
BNA_G
ClientSampleId :
WC-11

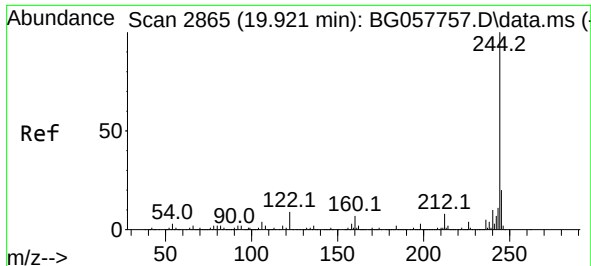
Tgt Ion:248 Resp: 10890
Ion Ratio Lower Upper
248 100
250 173.9 81.1 121.7#
141 380.6 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.555 min Scan# 3143
Delta R.T. -0.005 min
Lab File: BG057842.D
Acq: 23 Jun 2023 14:43

Tgt Ion:240 Resp: 264900
Ion Ratio Lower Upper
240 100
120 9.2 8.1 12.1
236 26.1 20.6 30.8

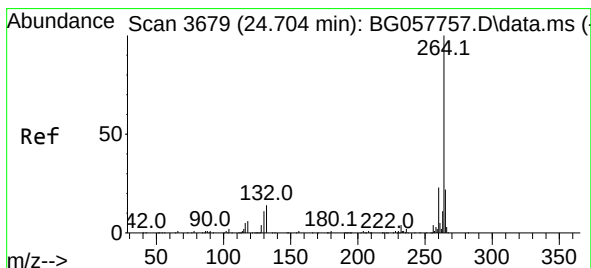
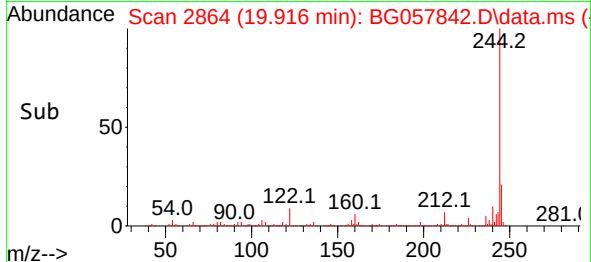
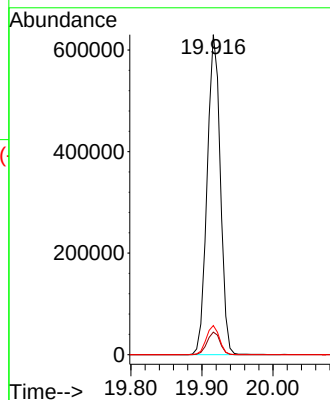
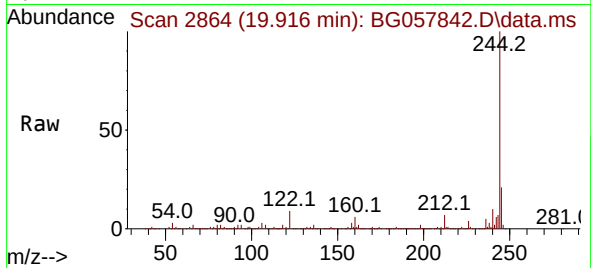




#79
 Terphenyl-d14
 Concen: 57.268 ng
 RT: 19.916 min Scan# 2864
 Delta R.T. -0.005 min
 Lab File: BG057842.D
 Acq: 23 Jun 2023 14:43

Instrument :
 BNA_G
 ClientSampleId :
 WC-11

Tgt Ion:244 Resp: 813571
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 9.1 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.704 min Scan# 3679
 Delta R.T. 0.001 min
 Lab File: BG057842.D
 Acq: 23 Jun 2023 14:43

Tgt Ion:264 Resp: 327238
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.5 27.7
 265 22.2 17.4 26.2

