

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057850.D
 Acq On : 23 Jun 2023 20:35
 Operator : CG/JU
 Sample : 03357-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SCAN-02

Quant Time: Jun 25 01:38:56 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)

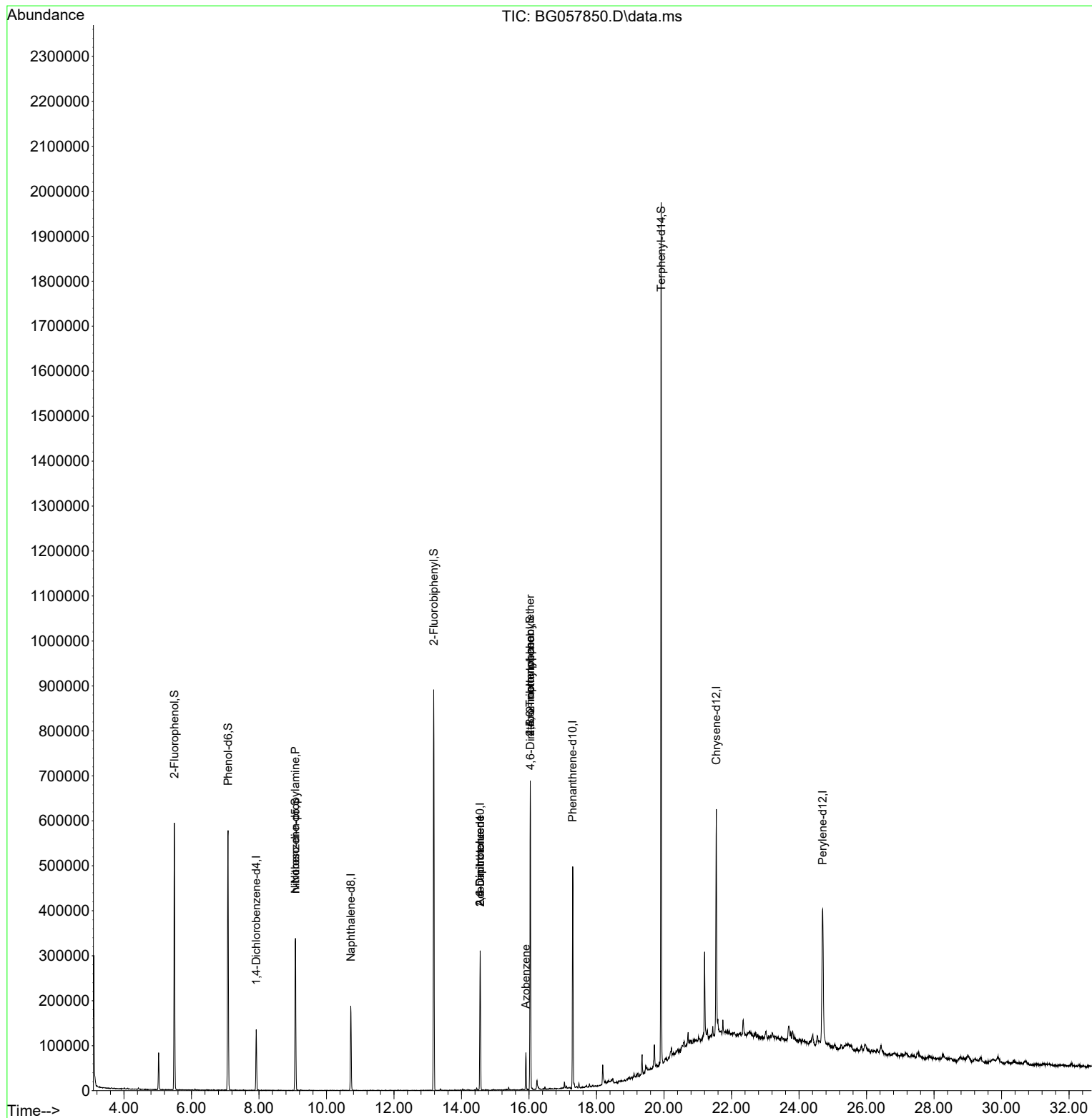
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	36147	20.000	ng	-0.01
21) Naphthalene-d8	10.721	136	154876	20.000	ng	-0.01
39) Acenaphthene-d10	14.552	164	111819	20.000	ng	-0.01
64) Phenanthrene-d10	17.295	188	306867	20.000	ng	-0.01
76) Chrysene-d12	21.549	240	274256	20.000	ng	-0.01
86) Perylene-d12	24.698	264	338445	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	247357	105.514	ng	0.00
7) Phenol-d6	7.084	99	353135	98.722	ng	0.00
23) Nitrobenzene-d5	9.081	82	208119	68.967	ng	-0.01
42) 2,4,6-Tribromophenol	16.038	330	145920	93.681	ng	-0.01
45) 2-Fluorobiphenyl	13.177	172	475942	64.558	ng	-0.01
79) Terphenyl-d14	19.916	244	974338	66.245	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.081	70	25709	10.309	ng	# 72
51) 2,6-Dinitrotoluene	14.552	165	14956	9.457	ng	# 20
57) 2,4-Dinitrotoluene	14.552	165	14956	6.974	ng	# 21
63) Azobenzene	15.909	77	23459	2.603	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.044	198	290	5.495	ng	# 6
67) 4-Bromophenyl-phenylether	16.038	248	9345	2.871	ng	# 1

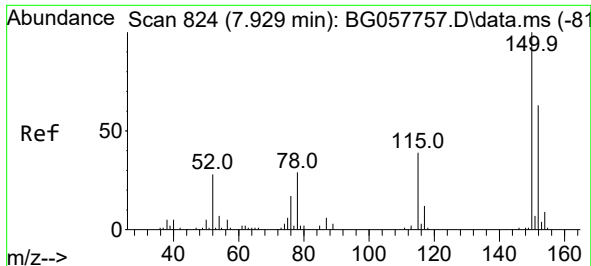
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057850.D
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Misc :
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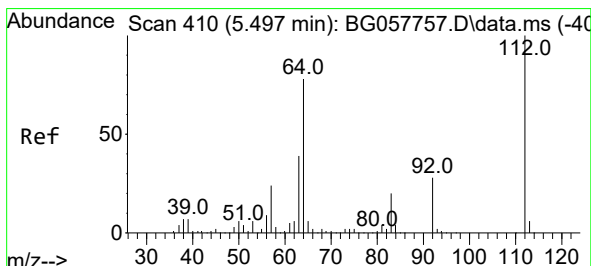
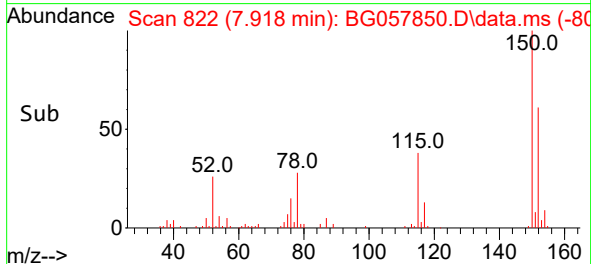
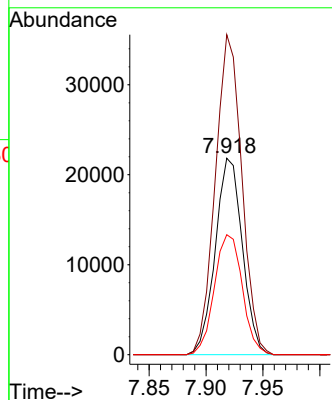
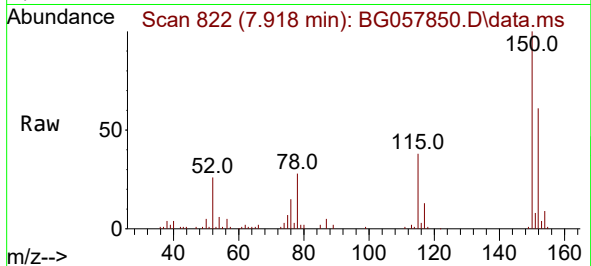




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.918 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG057850.D
Acq: 23 Jun 2023 20:35

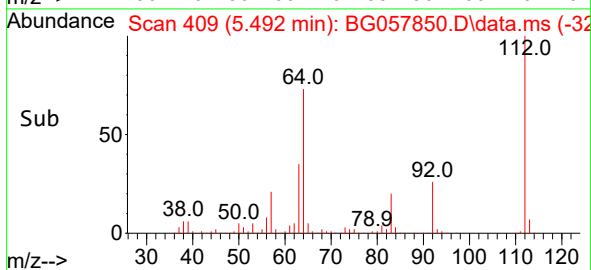
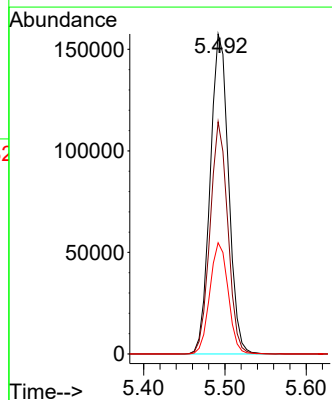
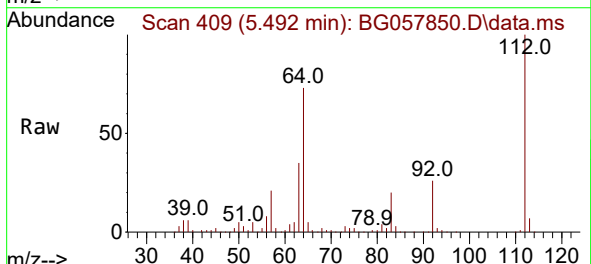
Instrument :
BNA_G
ClientSampleId :
WC-SCAN-02

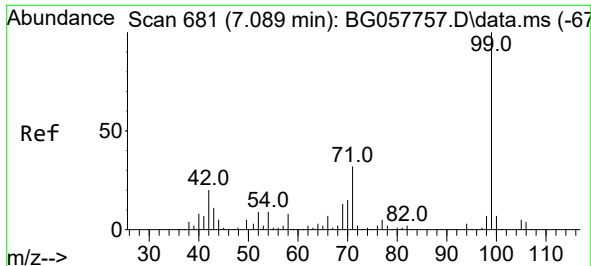
Tgt Ion:152 Resp: 36147
Ion Ratio Lower Upper
152 100
150 162.8 126.6 189.8
115 61.1 48.9 73.3



#5
2-Fluorophenol
Concen: 105.514 ng
RT: 5.492 min Scan# 409
Delta R.T. -0.005 min
Lab File: BG057850.D
Acq: 23 Jun 2023 20:35

Tgt Ion:112 Resp: 247357
Ion Ratio Lower Upper
112 100
64 72.6 62.1 93.1
63 34.8 31.5 47.3

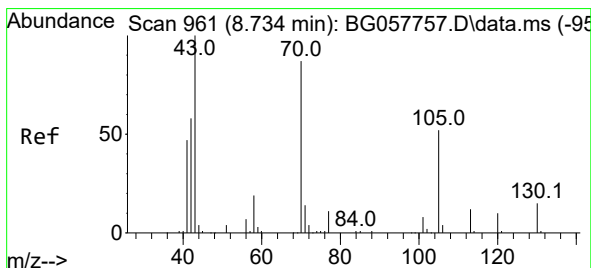
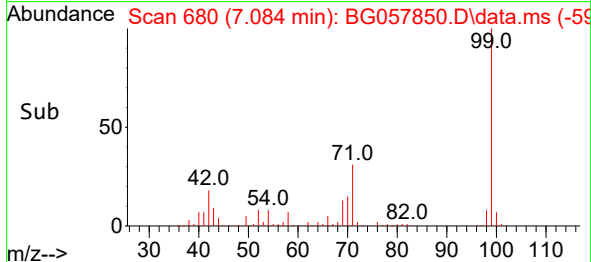
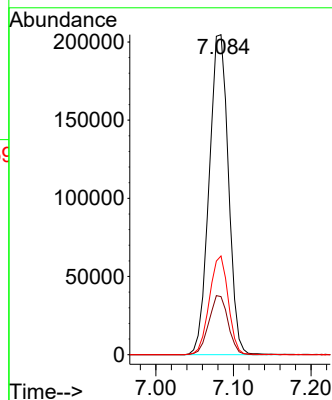
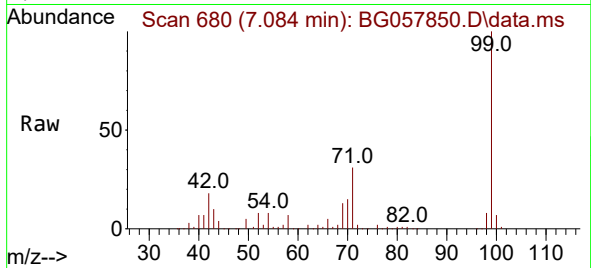




#7
Phenol-d6
Concen: 98.722 ng
RT: 7.084 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057850.D
Acq: 23 Jun 2023 20:35

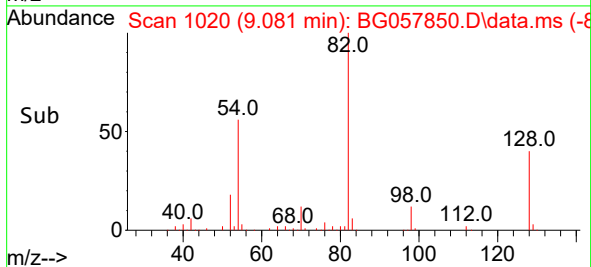
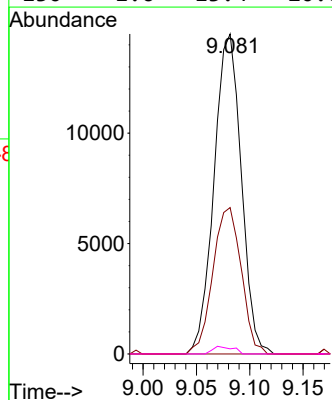
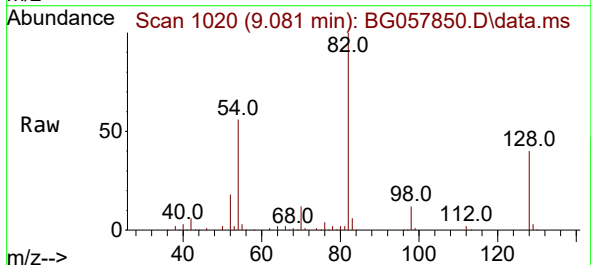
Instrument :
BNA_G
ClientSampleId :
WC-SCAN-02

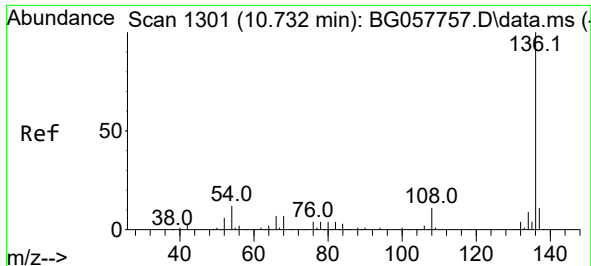
Tgt Ion: 99 Resp: 353135
Ion Ratio Lower Upper
99 100
42 18.2 16.4 24.6
71 30.9 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.309 ng
RT: 9.081 min Scan# 1020
Delta R.T. 0.347 min
Lab File: BG057850.D
Acq: 23 Jun 2023 20:35

Tgt Ion: 70 Resp: 25709
Ion Ratio Lower Upper
70 100
42 45.8 54.2 81.2#
101 0.0 7.4 11.0#
130 1.6 13.4 20.0#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.721 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG057850.D
Acq: 23 Jun 2023 20:35

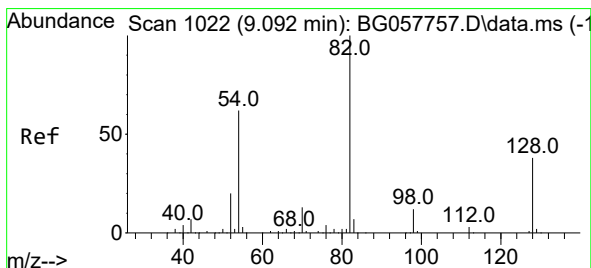
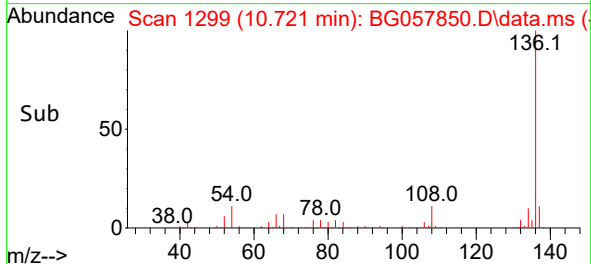
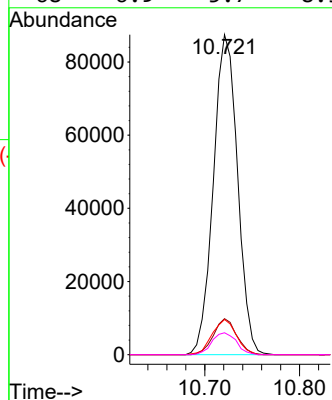
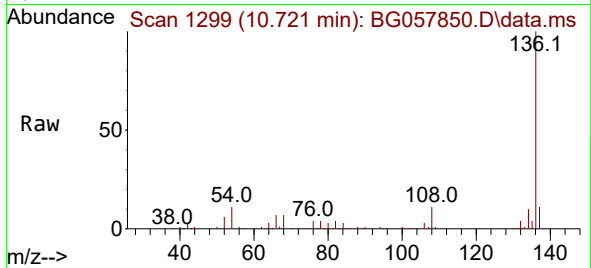
Instrument :

BNA_G

ClientSampleId :

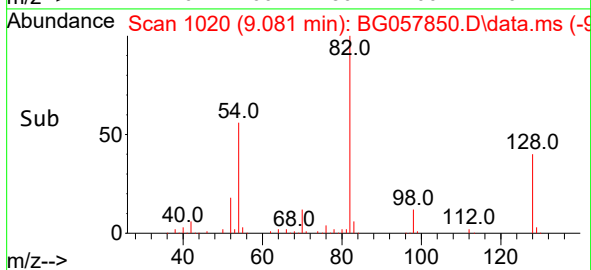
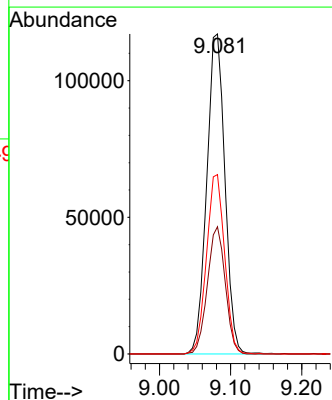
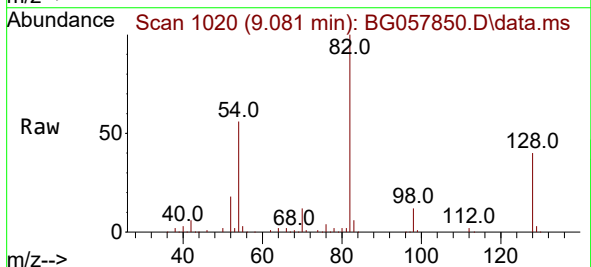
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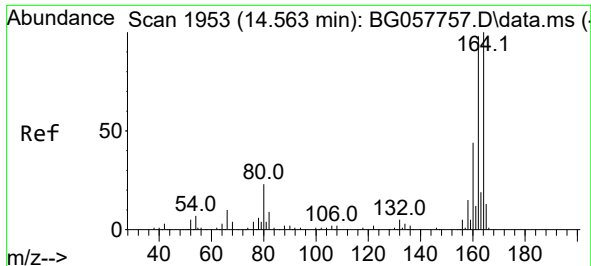
Tgt Ion:136 Resp: 154876
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 11.0 9.5 14.3
68 6.9 5.7 8.5



#23
Nitrobenzene-d5
Concen: 68.967 ng
RT: 9.081 min Scan# 1020
Delta R.T. -0.011 min
Lab File: BG057850.D
Acq: 23 Jun 2023 20:35

Tgt Ion: 82 Resp: 208119
Ion Ratio Lower Upper
82 100
128 39.8 30.7 46.1
54 56.1 49.6 74.4

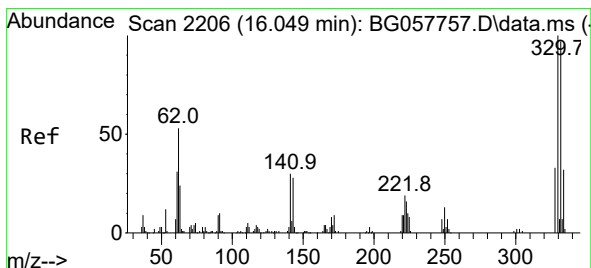
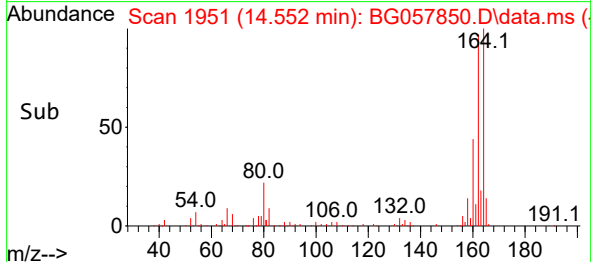
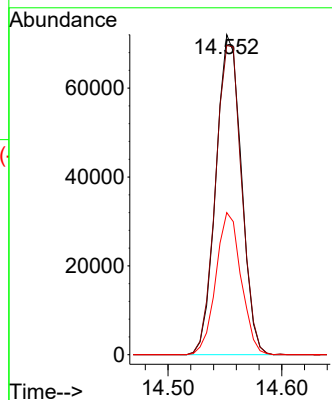
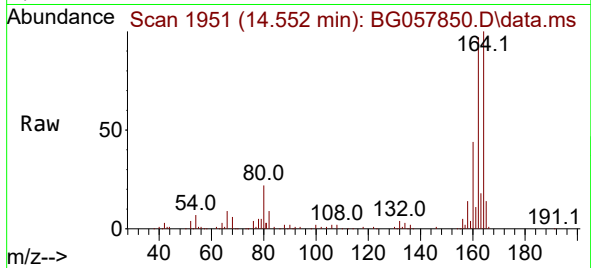




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.552 min Scan# 1951
Delta R.T. -0.011 min
Lab File: BG057850.D
Acq: 23 Jun 2023 20:35

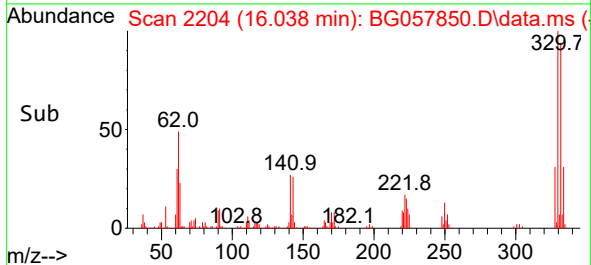
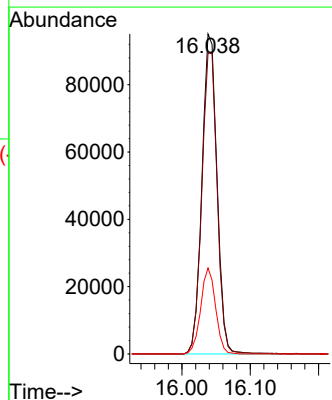
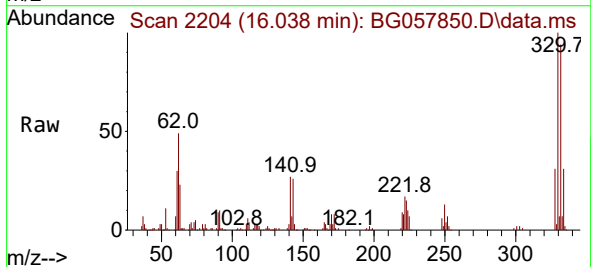
Instrument :
BNA_G
ClientSampleId :
WC-SCAN-02

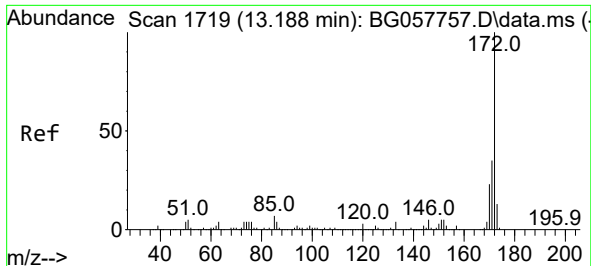
Tgt Ion:164 Resp: 111819
Ion Ratio Lower Upper
164 100
162 96.6 78.3 117.5
160 44.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 93.681 ng
RT: 16.038 min Scan# 2204
Delta R.T. -0.011 min
Lab File: BG057850.D
Acq: 23 Jun 2023 20:35

Tgt Ion:330 Resp: 145920
Ion Ratio Lower Upper
330 100
332 95.5 76.6 115.0
141 26.4 24.7 37.1

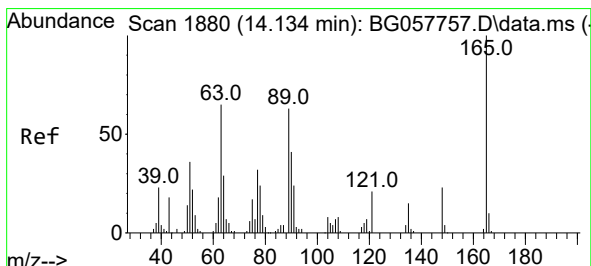
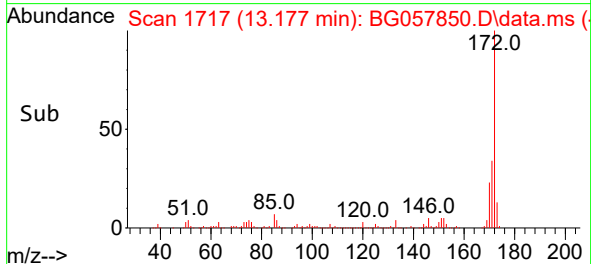
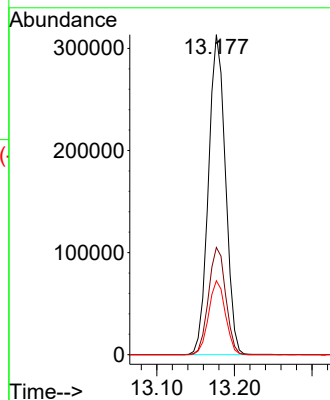
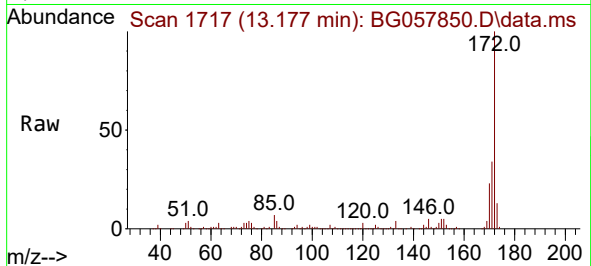




#45
2-Fluorobiphenyl
Concen: 64.558 ng
RT: 13.177 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG057850.D
Acq: 23 Jun 2023 20:35

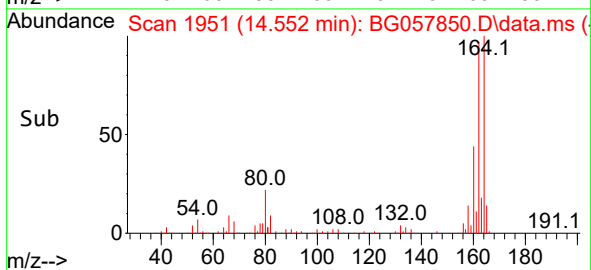
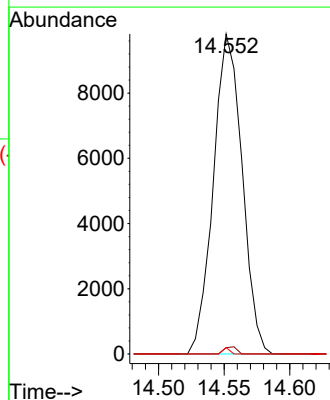
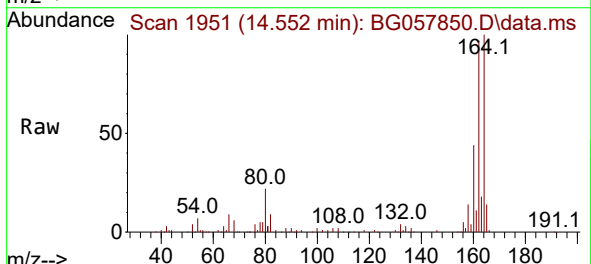
Instrument :
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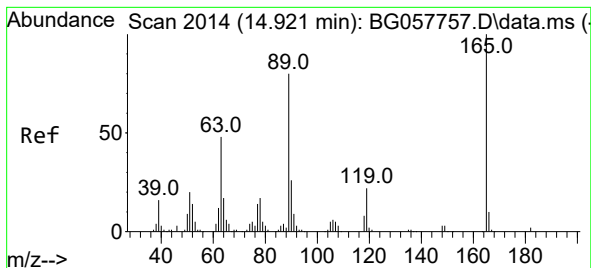
Tgt Ion:172 Resp: 475942
Ion Ratio Lower Upper
172 100
171 33.5 28.1 42.1
170 23.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.457 ng
RT: 14.552 min Scan# 1951
Delta R.T. 0.418 min
Lab File: BG057850.D
Acq: 23 Jun 2023 20:35

Tgt Ion:165 Resp: 14956
Ion Ratio Lower Upper
165 100
63 2.0 52.8 79.2#
89 2.0 50.7 76.1#

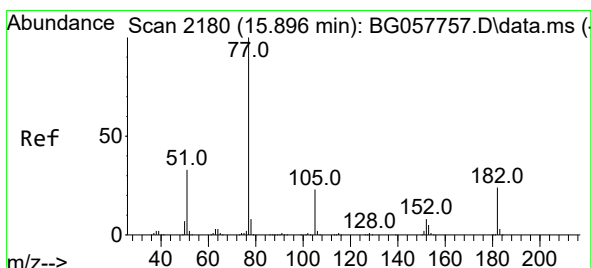
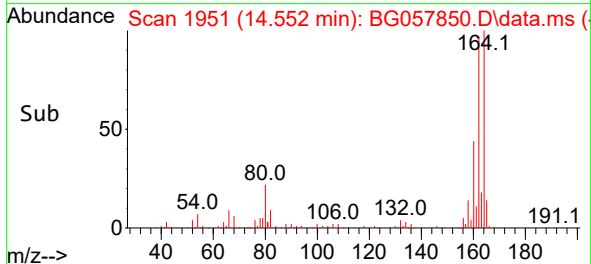
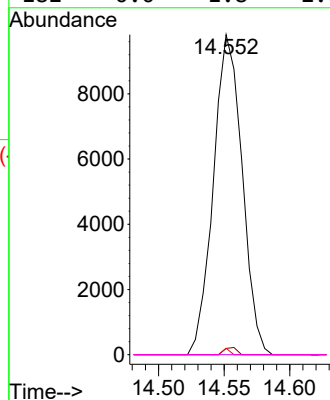
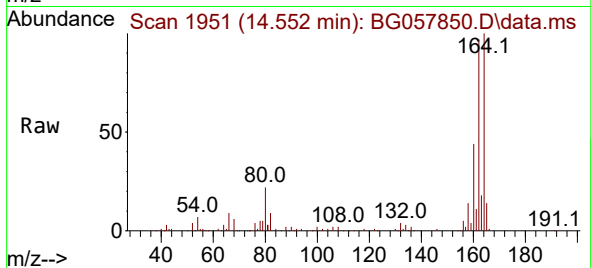




#57
2,4-Dinitrotoluene
Concen: 6.974 ng
RT: 14.552 min Scan# 1951
Delta R.T. -0.369 min
Lab File: BG057850.D
Acq: 23 Jun 2023 20:35

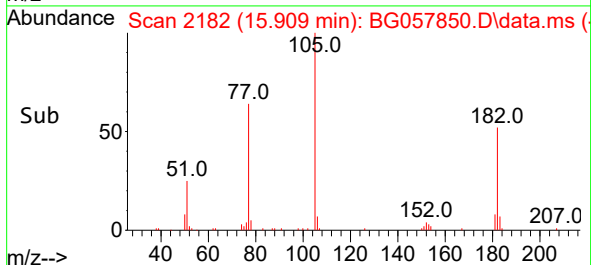
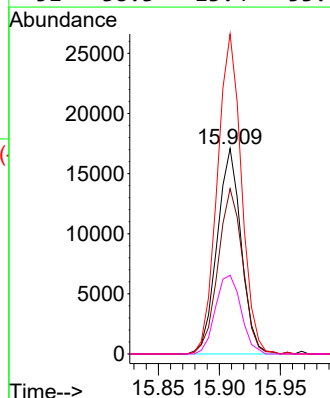
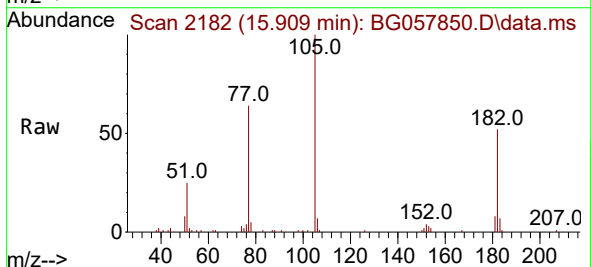
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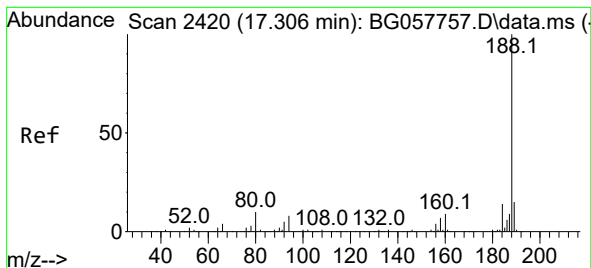
Tgt Ion:165 Resp: 14956
Ion Ratio Lower Upper
165 100
63 2.0 38.6 58.0#
89 2.0 63.7 95.5#
182 0.0 1.8 2.6#



#63
Azobenzene
Concen: 2.603 ng
RT: 15.909 min Scan# 2182
Delta R.T. 0.012 min
Lab File: BG057850.D
Acq: 23 Jun 2023 20:35

Tgt Ion: 77 Resp: 23459
Ion Ratio Lower Upper
77 100
182 80.5 4.1 44.1#
105 155.8 3.3 43.3#
51 38.3 13.4 53.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.295 min Scan# 24

Delta R.T. -0.011 min

Lab File: BG057850.D

Acq: 23 Jun 2023 20:35

Instrument :

BNA_G

ClientSampleId :

WC-SCAN-02

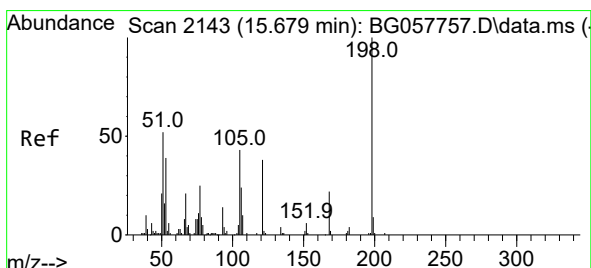
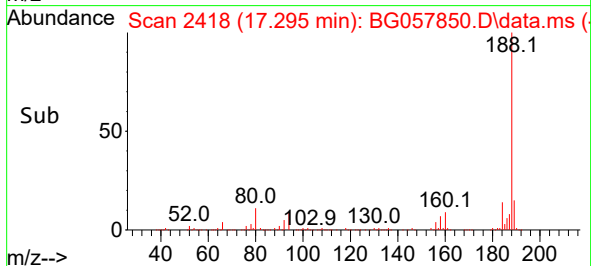
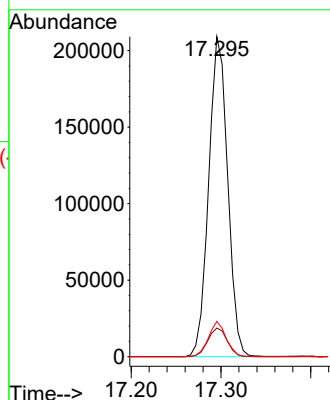
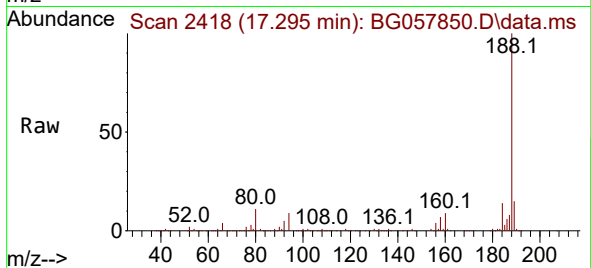
Tgt Ion:188 Resp: 306867

Ion Ratio Lower Upper

188 100

94 9.0 6.6 9.8

80 11.0 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 5.495 ng

RT: 16.044 min Scan# 2205

Delta R.T. 0.365 min

Lab File: BG057850.D

Acq: 23 Jun 2023 20:35

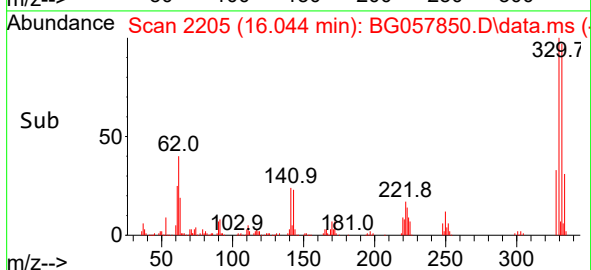
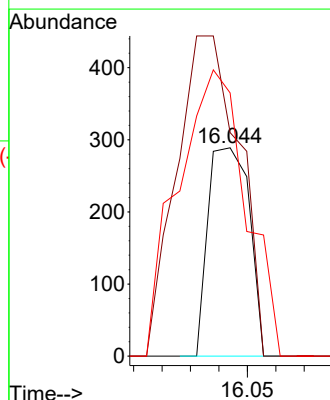
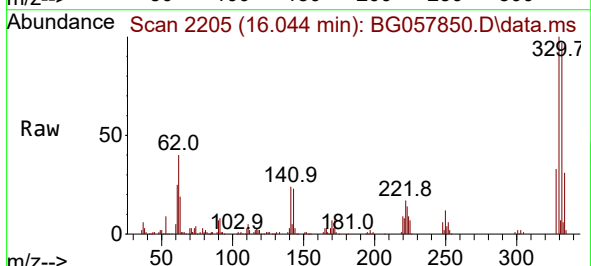
Tgt Ion:198 Resp: 290

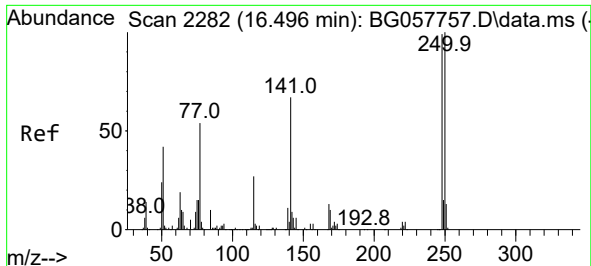
Ion Ratio Lower Upper

198 100

51 107.3 36.6 76.6#

105 126.3 24.3 64.3#

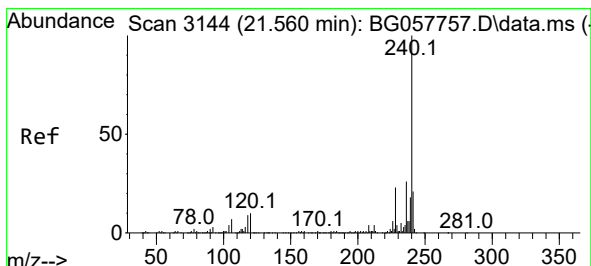
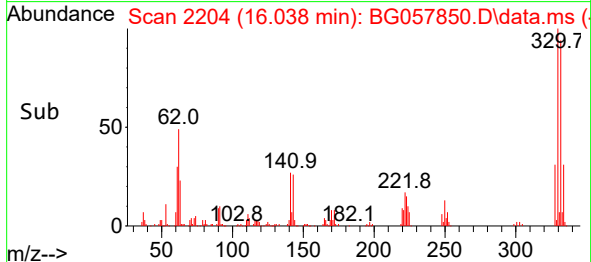
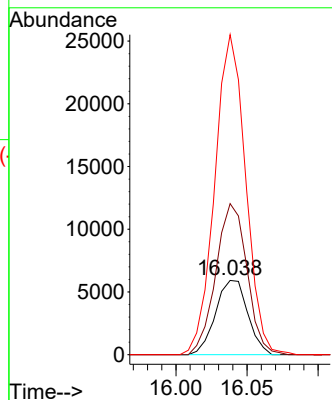
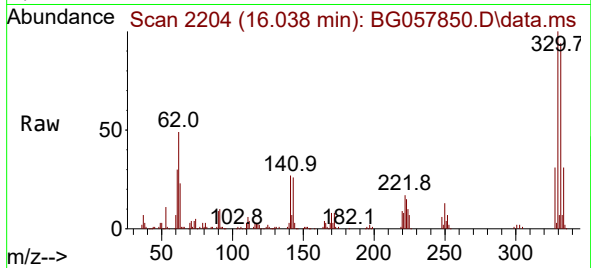




#67
4-Bromophenyl-phenylether
Concen: 2.871 ng
RT: 16.038 min Scan# 21
Delta R.T. -0.458 min
Lab File: BG057850.D
Acq: 23 Jun 2023 20:35

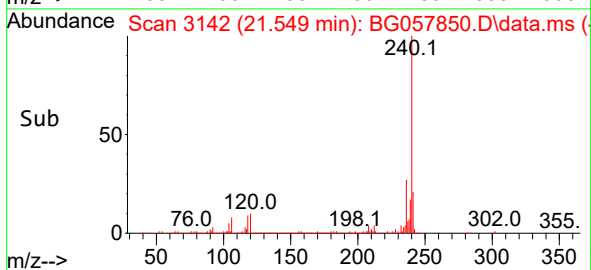
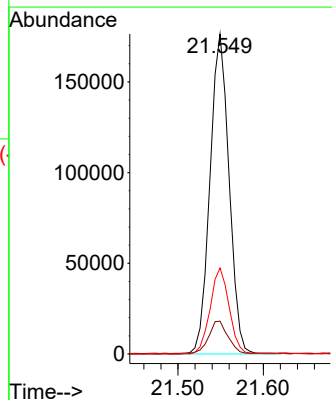
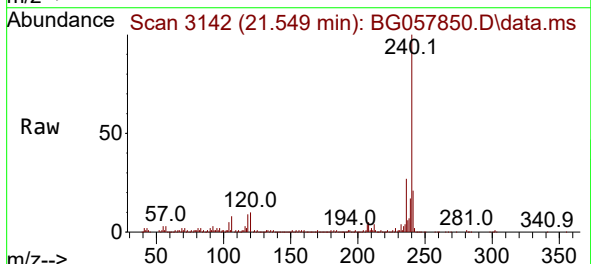
Instrument :
BNA_G
ClientSampleId :
WC-SCAN-02

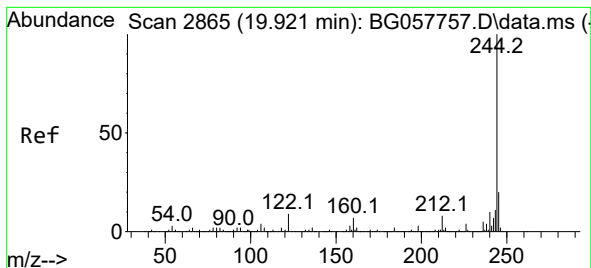
Tgt Ion:248 Resp: 9345
Ion Ratio Lower Upper
248 100
250 203.2 81.1 121.7#
141 430.7 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.549 min Scan# 3142
Delta R.T. -0.011 min
Lab File: BG057850.D
Acq: 23 Jun 2023 20:35

Tgt Ion:240 Resp: 274256
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 26.8 20.6 30.8





#79

Terphenyl-d14

Concen: 66.245 ng

RT: 19.916 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057850.D

Acq: 23 Jun 2023 20:35

Instrument :

BNA_G

ClientSampleId :

WC-SCAN-02

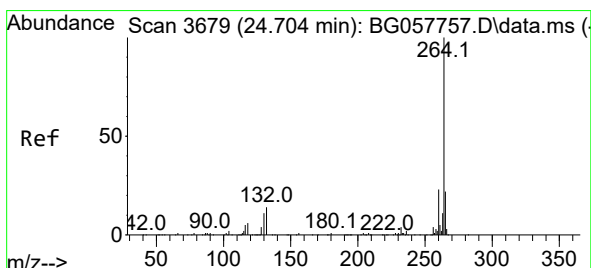
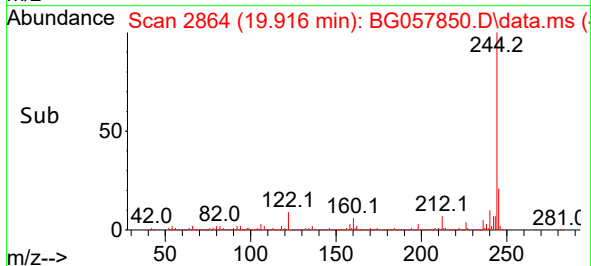
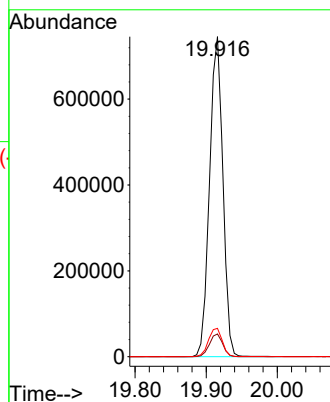
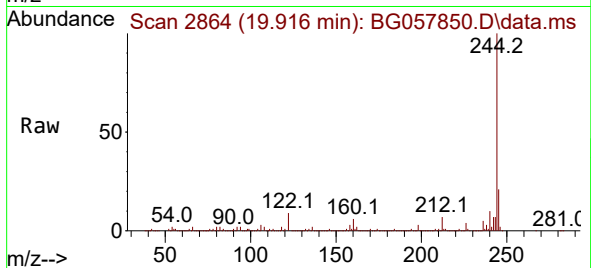
Tgt Ion:244 Resp: 974338

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 8.9 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.698 min Scan# 3678

Delta R.T. -0.005 min

Lab File: BG057850.D

Acq: 23 Jun 2023 20:35

Tgt Ion:264 Resp: 338445

Ion Ratio Lower Upper

264 100

260 22.7 18.5 27.7

265 23.0 17.4 26.2

