

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057818.D
 Acq On : 22 Jun 2023 21:40
 Operator : CG/JU
 Sample : 03305-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NEGATIVE-MH-BT-TRACK-89-90

Quant Time: Jun 23 03:46:34 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)

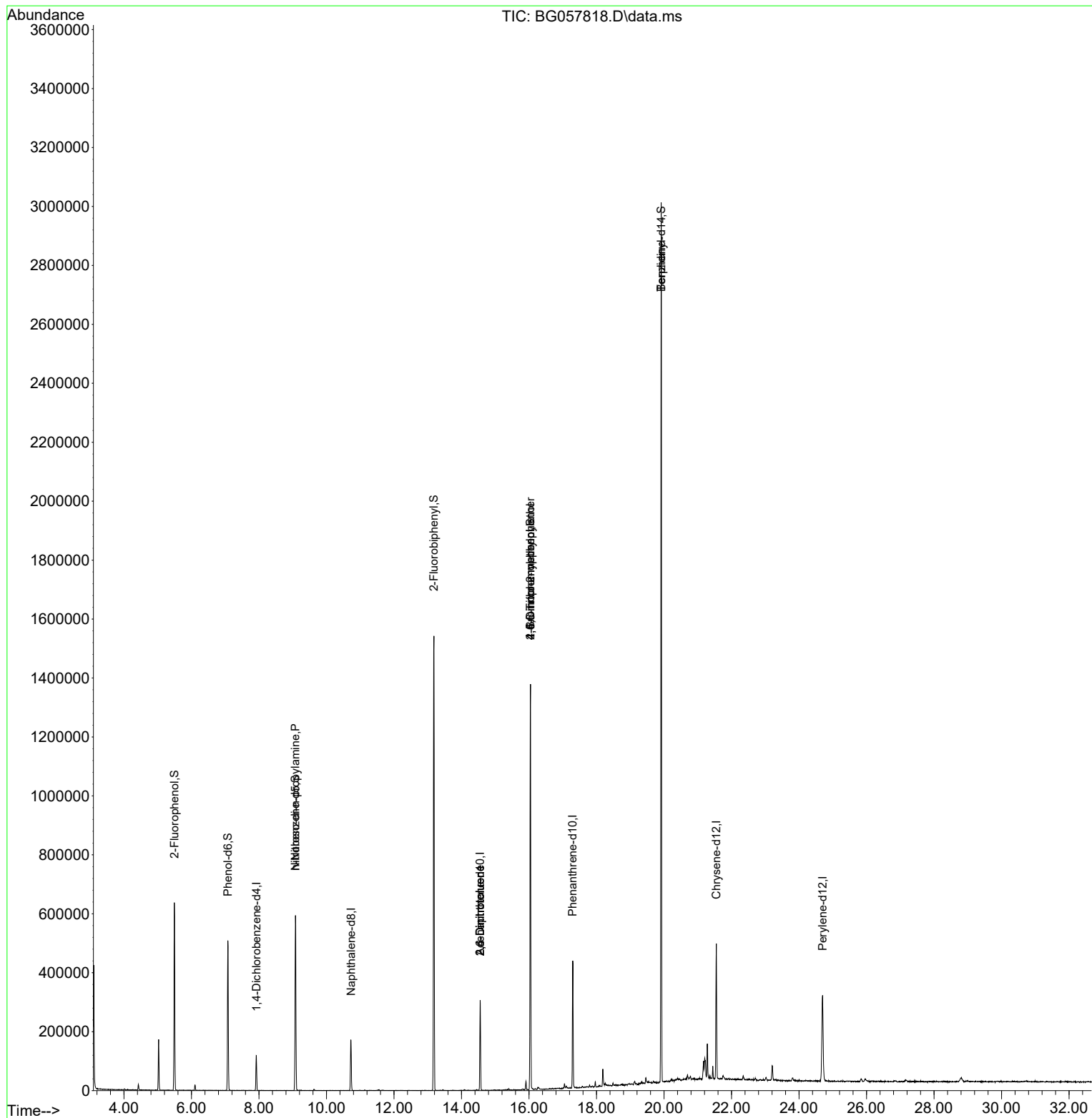
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	32697	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	149113	20.000	ng	0.00
39) Acenaphthene-d10	14.552	164	109234	20.000	ng	-0.01
64) Phenanthrene-d10	17.295	188	280144	20.000	ng	#-0.01
76) Chrysene-d12	21.549	240	253043	20.000	ng	-0.01
86) Perylene-d12	24.698	264	311889	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	263353	124.191	ng	0.00
7) Phenol-d6	7.078	99	301325	93.127	ng	-0.01
23) Nitrobenzene-d5	9.081	82	361932	124.574	ng	-0.01
42) 2,4,6-Tribromophenol	16.044	330	293733	193.040	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	835524	116.015	ng	0.00
79) Terphenyl-d14	19.916	244	1580159	116.442	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.081	70	44679	19.806	ng	# 76
51) 2,6-Dinitrotoluene	14.552	165	13887	8.989	ng	# 19
57) 2,4-Dinitrotoluene	14.552	165	13887	6.628	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.044	198	732	5.818	ng	# 1
67) 4-Bromophenyl-phenylether	16.044	248	19456	6.549	ng	# 1
77) Benzydine	19.916	184	22196	3.742	ng	# 94

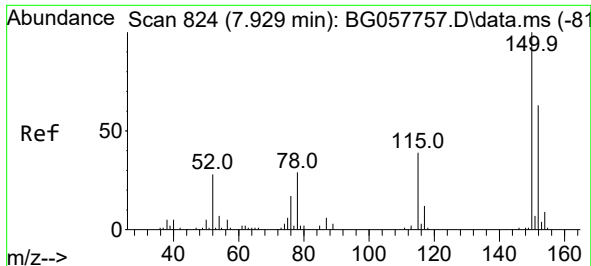
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
Data File : BG057818.D
Acq On : 22 Jun 2023 21:40
Operator : CG/JU
Sample : 03305-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEGATIVE-MH-BT-TRACK-89-90

Quant Time: Jun 23 03:46:34 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

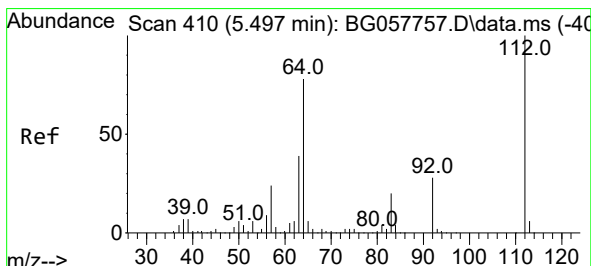
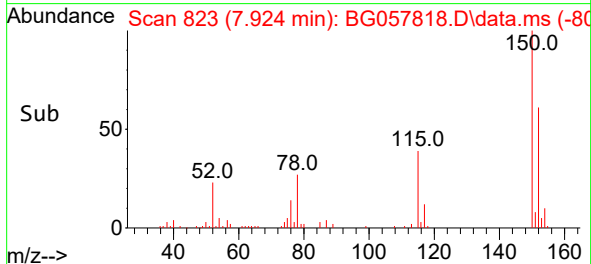
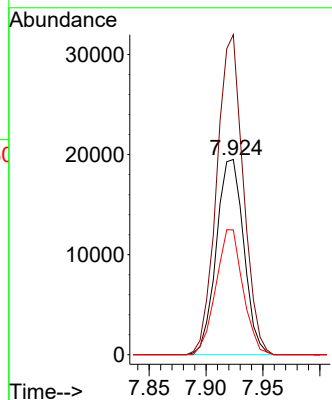
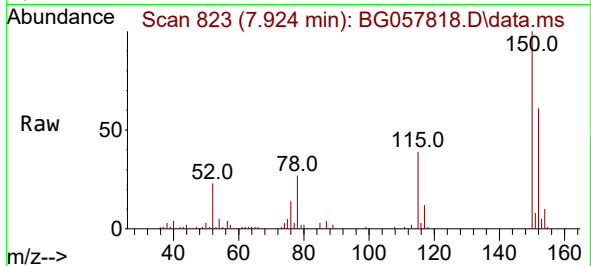




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057818.D
Acq: 22 Jun 2023 21:40

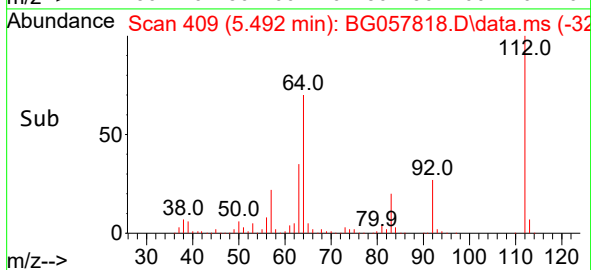
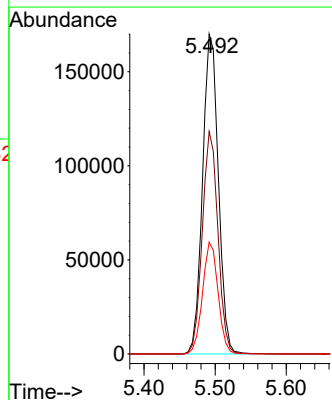
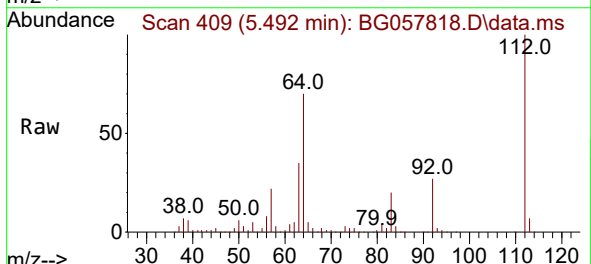
Instrument :
BNA_G
ClientSampleId :
NEGATIVE-MH-BT-TRACK-89-90

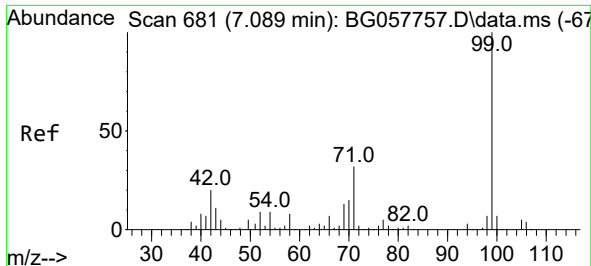
Tgt Ion:152 Resp: 32697
Ion Ratio Lower Upper
152 100
150 163.9 126.6 189.8
115 64.0 48.9 73.3



#5
2-Fluorophenol
Concen: 124.191 ng
RT: 5.492 min Scan# 409
Delta R.T. -0.005 min
Lab File: BG057818.D
Acq: 22 Jun 2023 21:40

Tgt Ion:112 Resp: 263353
Ion Ratio Lower Upper
112 100
64 69.5 62.1 93.1
63 34.9 31.5 47.3

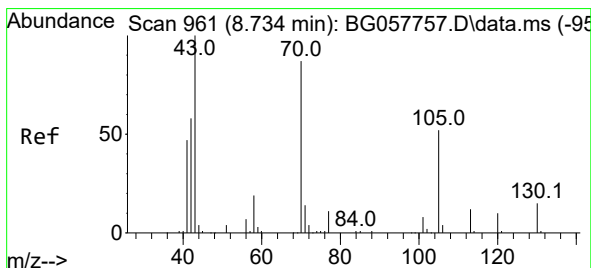
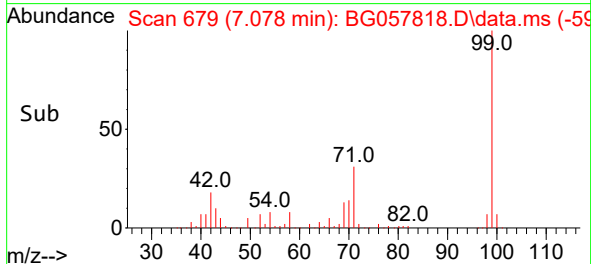
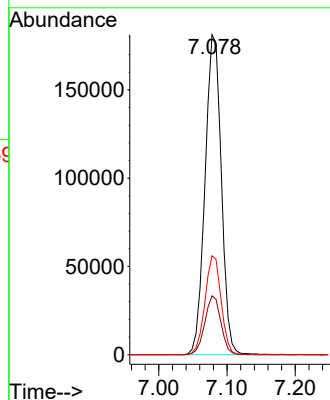
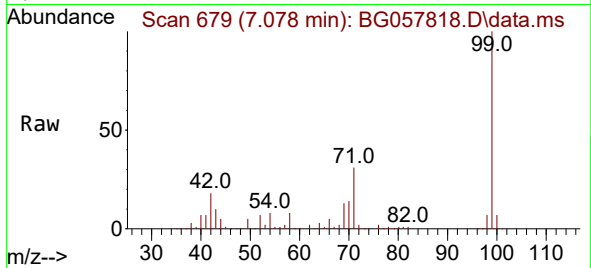




#7
Phenol-d6
Concen: 93.127 ng
RT: 7.078 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG057818.D
Acq: 22 Jun 2023 21:40

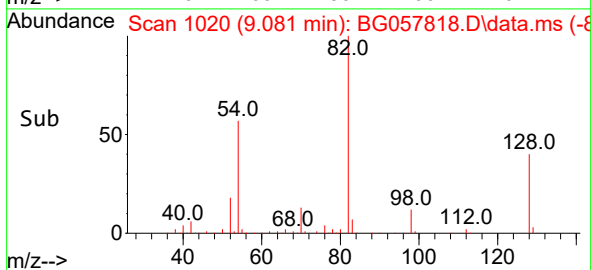
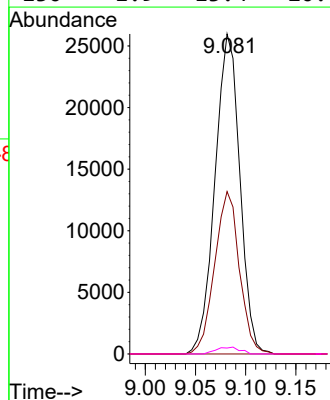
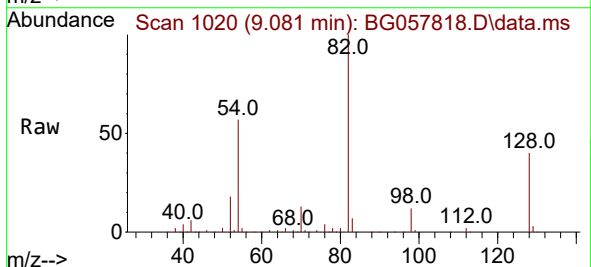
Instrument :
BNA_G
ClientSampleId :
NEGATIVE-MH-BT-TRACK-89-90

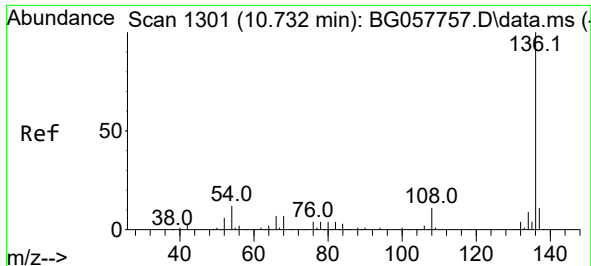
Tgt Ion: 99 Resp: 301325
Ion Ratio Lower Upper
99 100
42 18.4 16.4 24.6
71 30.9 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 19.806 ng
RT: 9.081 min Scan# 1020
Delta R.T. 0.347 min
Lab File: BG057818.D
Acq: 22 Jun 2023 21:40

Tgt Ion: 70 Resp: 44679
Ion Ratio Lower Upper
70 100
42 50.7 54.2 81.2#
101 0.0 7.4 11.0#
130 1.9 13.4 20.0#

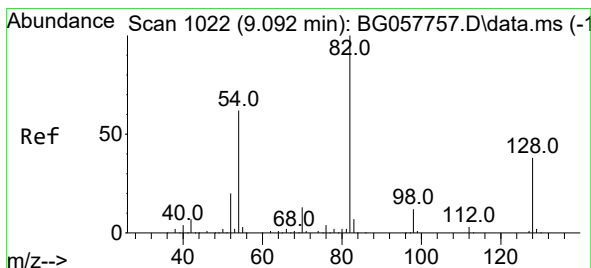
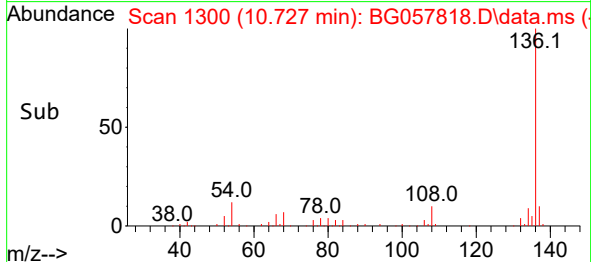
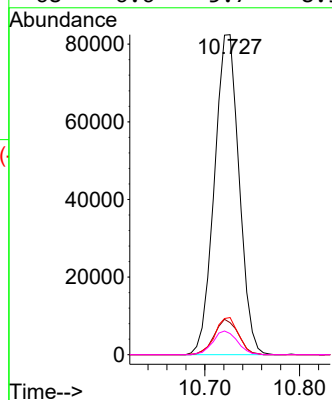
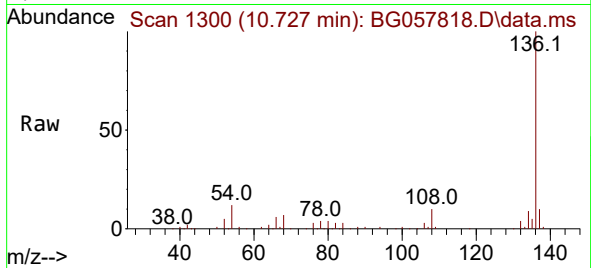




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057818.D
Acq: 22 Jun 2023 21:40

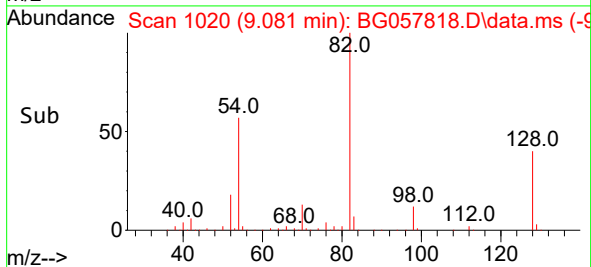
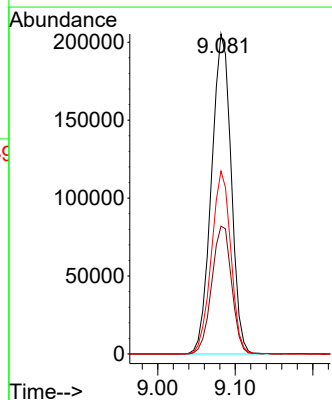
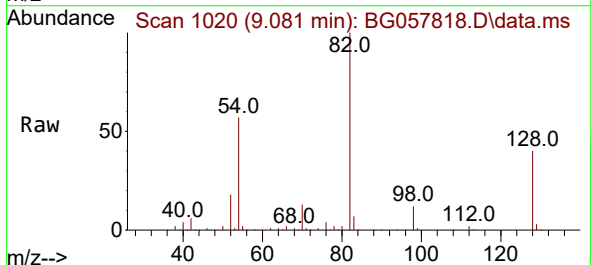
Instrument :
BNA_G
ClientSampleId :
NEGATIVE-MH-BT-TRACK-89-90

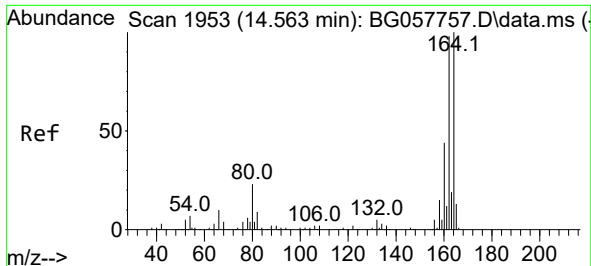
Tgt Ion:	136	Resp:	149113
Ion Ratio	Lower	Upper	
136	100		
137	10.0	8.5	12.7
54	11.6	9.5	14.3
68	6.6	5.7	8.5



#23
Nitrobenzene-d5
Concen: 124.574 ng
RT: 9.081 min Scan# 1020
Delta R.T. -0.011 min
Lab File: BG057818.D
Acq: 22 Jun 2023 21:40

Tgt Ion:	82	Resp:	361932
Ion Ratio	Lower	Upper	
82	100		
128	39.9	30.7	46.1
54	57.2	49.6	74.4

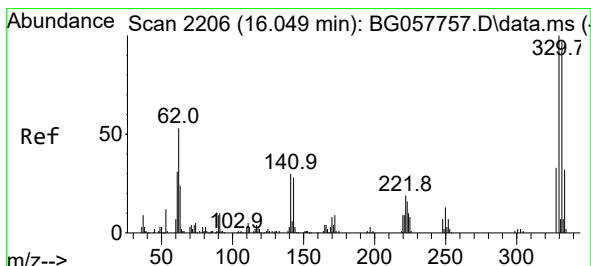
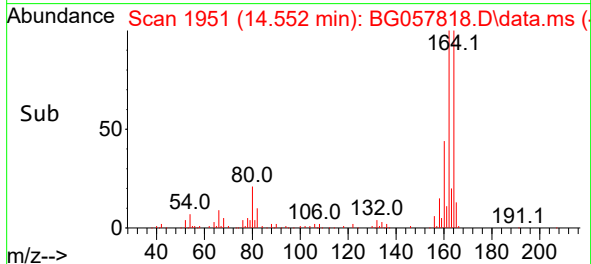
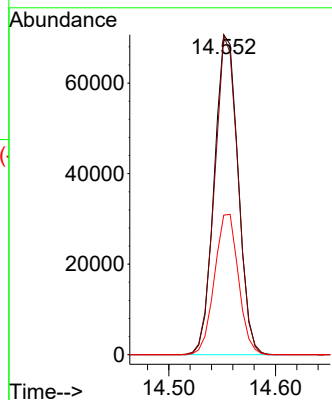
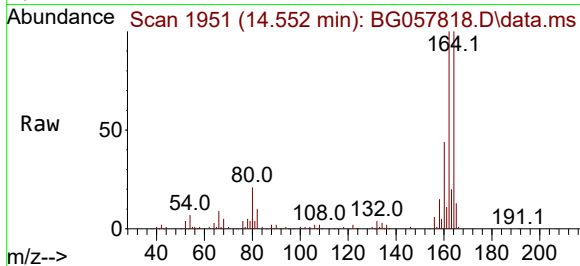




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.552 min Scan# 1951
Delta R.T. -0.011 min
Lab File: BG057818.D
Acq: 22 Jun 2023 21:40

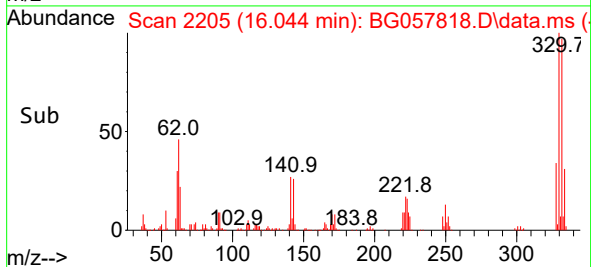
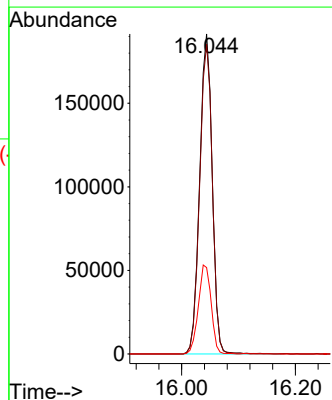
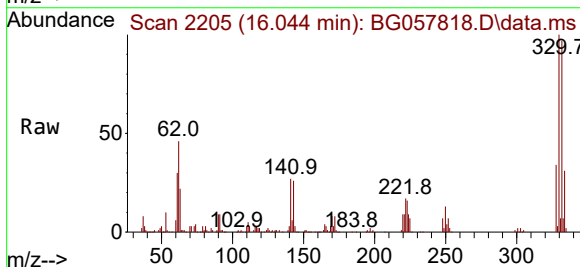
Instrument :
BNA_G
ClientSampleId :
NEGATIVE-MH-BT-TRACK-89-90

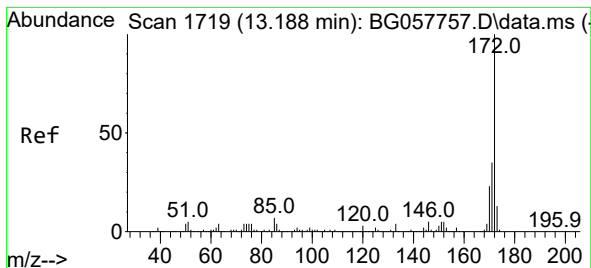
Tgt Ion:164 Resp: 109234
Ion Ratio Lower Upper
164 100
162 99.7 78.3 117.5
160 43.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 193.040 ng
RT: 16.044 min Scan# 2205
Delta R.T. -0.005 min
Lab File: BG057818.D
Acq: 22 Jun 2023 21:40

Tgt Ion:330 Resp: 293733
Ion Ratio Lower Upper
330 100
332 97.7 76.6 115.0
141 28.3 24.7 37.1

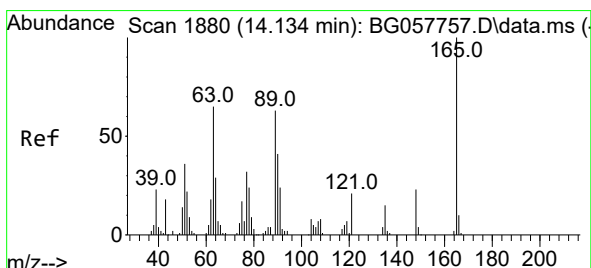
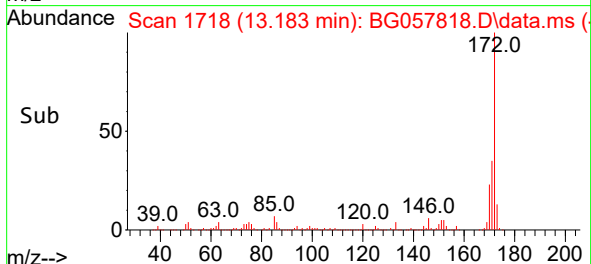
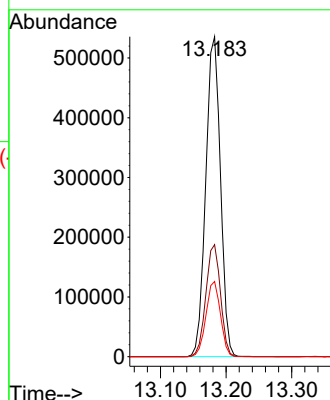
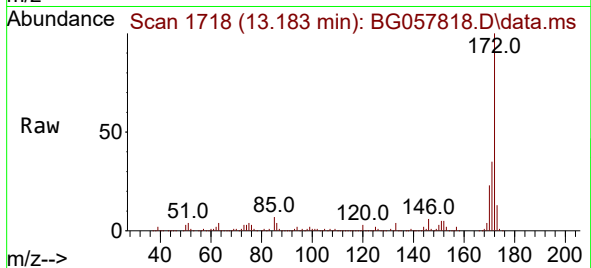




#45
2-Fluorobiphenyl
Concen: 116.015 ng
RT: 13.183 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG057818.D
Acq: 22 Jun 2023 21:40

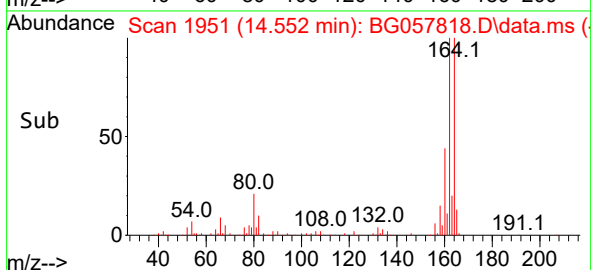
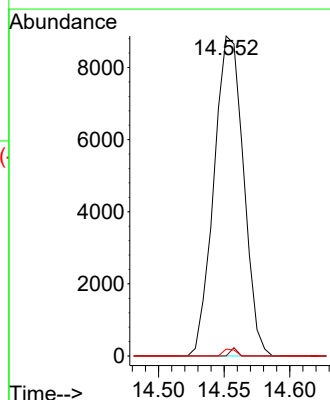
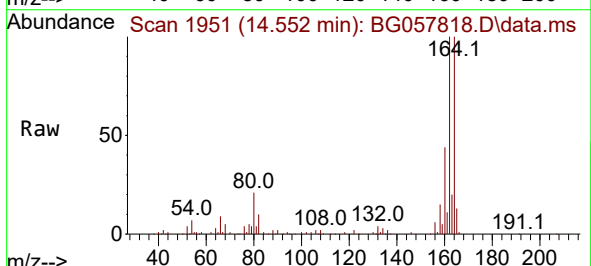
Instrument :
BNA_G
ClientSampleId :
NEGATIVE-MH-BT-TRACK-89-90

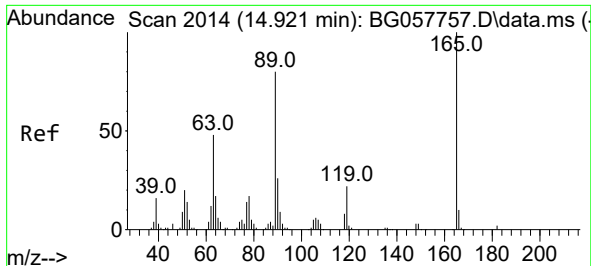
Tgt Ion:172 Resp: 835524
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.989 ng
RT: 14.552 min Scan# 1951
Delta R.T. 0.418 min
Lab File: BG057818.D
Acq: 22 Jun 2023 21:40

Tgt Ion:165 Resp: 13887
Ion Ratio Lower Upper
165 100
63 0.0 52.8 79.2#
89 2.2 50.7 76.1#





#57

2,4-Dinitrotoluene

Concen: 6.628 ng

RT: 14.552 min Scan# 1951

Delta R.T. -0.369 min

Lab File: BG057818.D

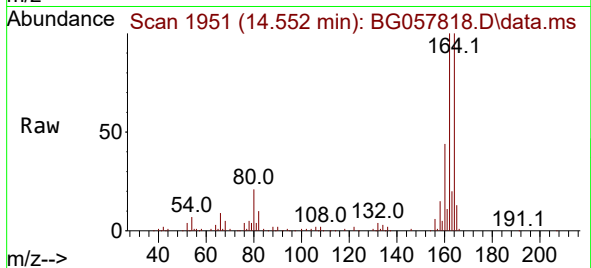
Acq: 22 Jun 2023 21:40

Instrument :

BNA_G

ClientSampleId :

NEGATIVE-MH-BT-TRACK-89-90



Tgt Ion:165 Resp: 13887

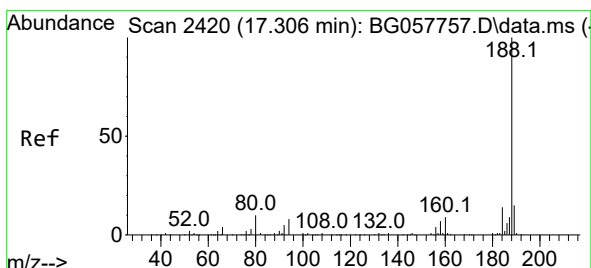
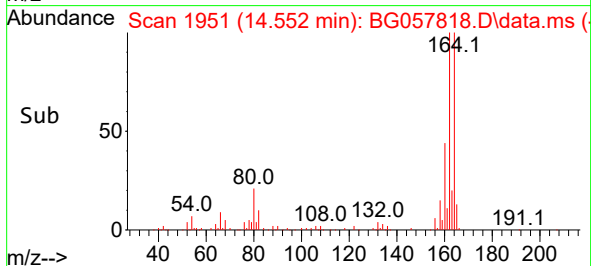
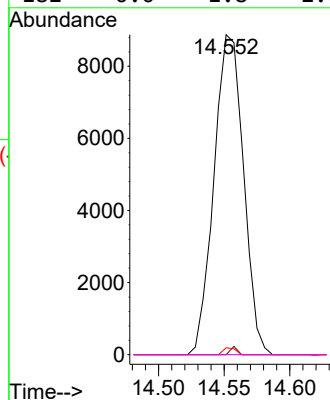
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 2.2 63.7 95.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.295 min Scan# 2418

Delta R.T. -0.011 min

Lab File: BG057818.D

Acq: 22 Jun 2023 21:40

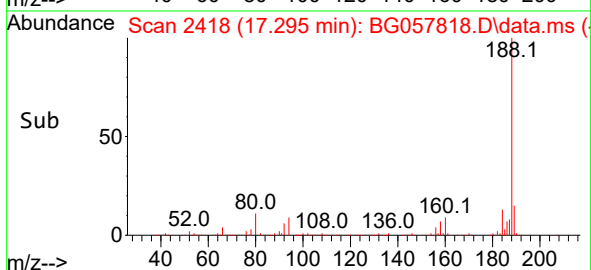
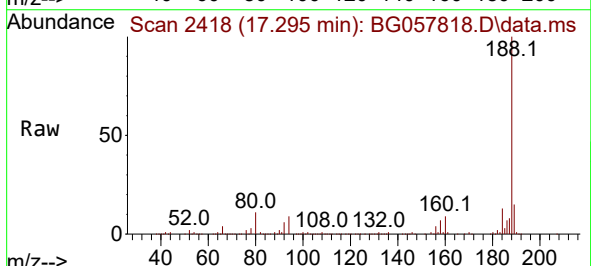
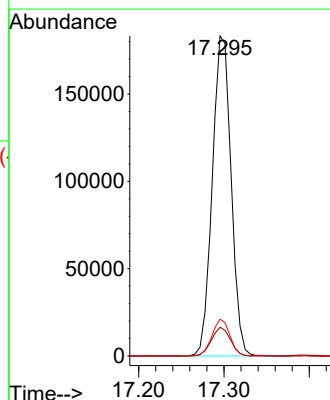
Tgt Ion:188 Resp: 280144

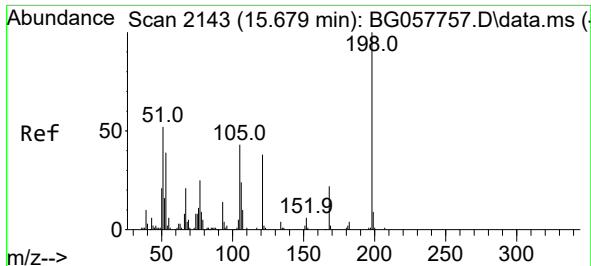
Ion Ratio Lower Upper

188 100

94 9.0 6.6 9.8

80 11.5 7.6 11.4#





#65

4,6-Dinitro-2-methylphenol

Concen: 5.818 ng

RT: 16.044 min Scan# 2143

Delta R.T. 0.365 min

Lab File: BG057818.D

Acq: 22 Jun 2023 21:40

Instrument :

BNA_G

ClientSampleId :

NEGATIVE-MH-BT-TRACK-89-90

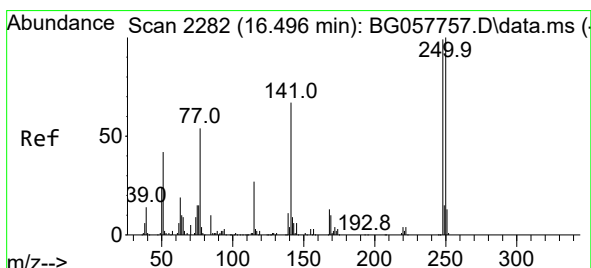
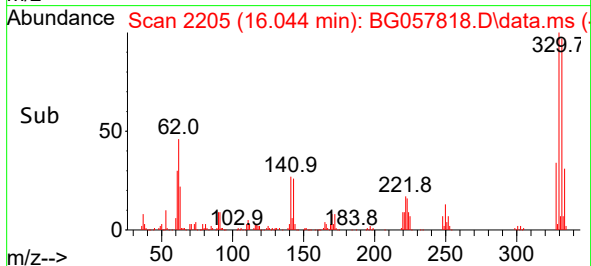
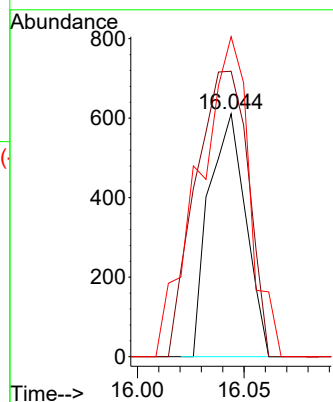
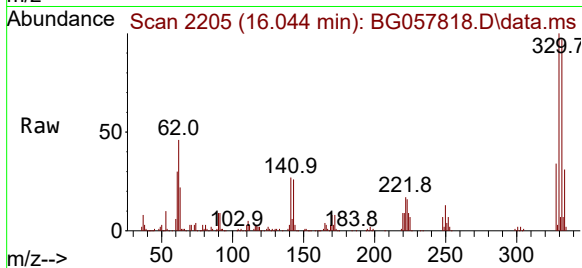
Tgt Ion:198 Resp: 732

Ion Ratio Lower Upper

198 100

51 117.5 36.6 76.6#

105 131.8 24.3 64.3#



#67

4-Bromophenyl-phenylether

Concen: 6.549 ng

RT: 16.044 min Scan# 2205

Delta R.T. -0.452 min

Lab File: BG057818.D

Acq: 22 Jun 2023 21:40

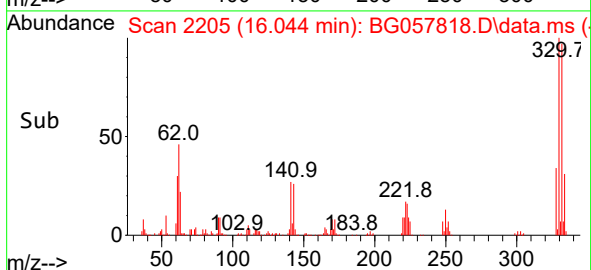
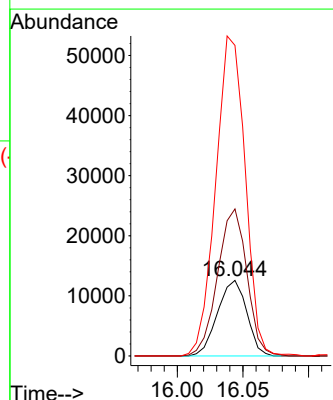
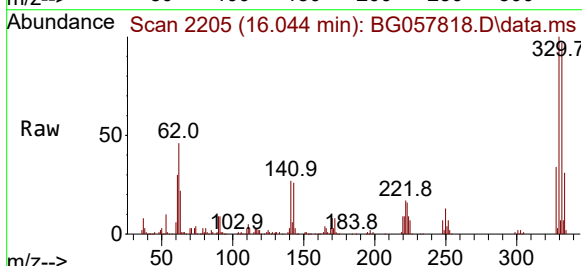
Tgt Ion:248 Resp: 19456

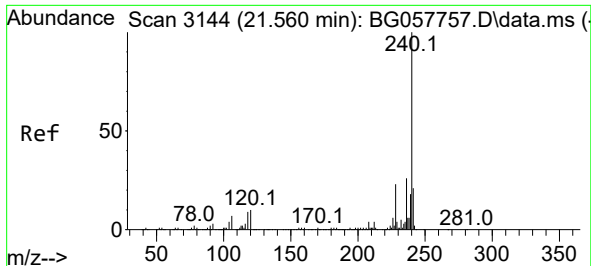
Ion Ratio Lower Upper

248 100

250 194.8 81.1 121.7#

141 411.4 54.6 81.8#

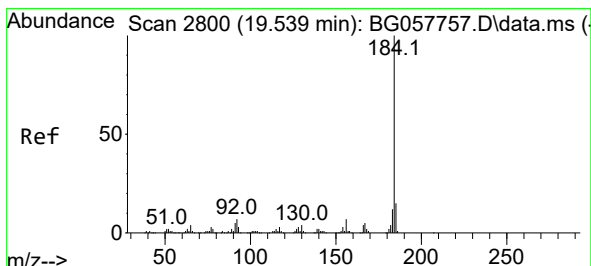
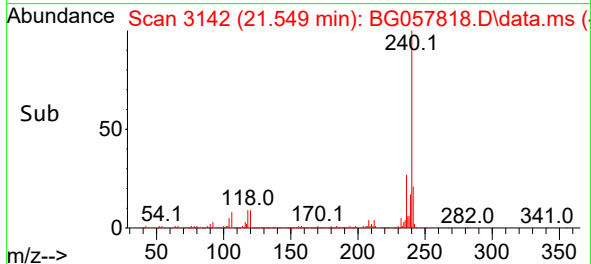
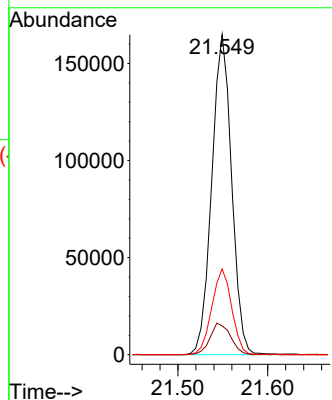
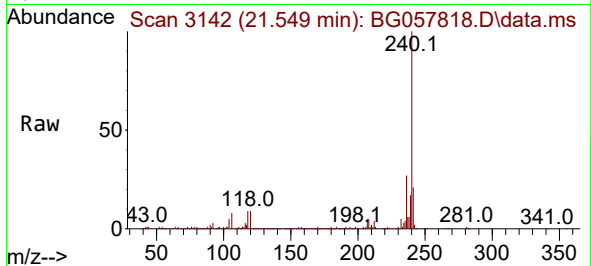




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.549 min Scan# 3144
Delta R.T. -0.011 min
Lab File: BG057818.D
Acq: 22 Jun 2023 21:40

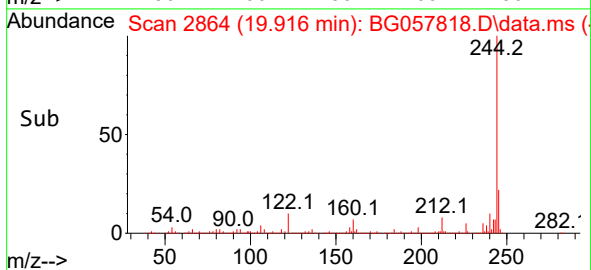
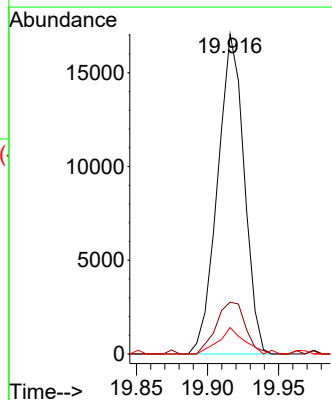
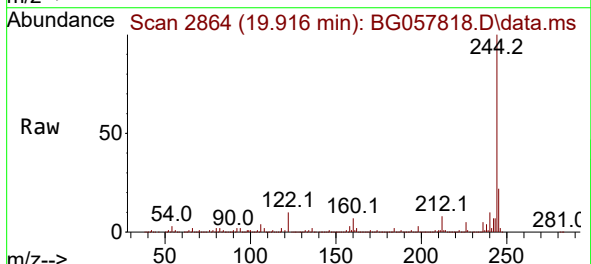
Instrument :
BNA_G
ClientSampleId :
NEGATIVE-MH-BT-TRACK-89-90

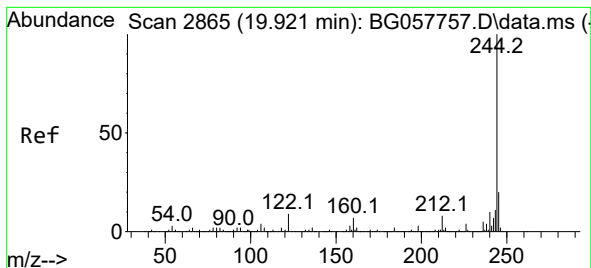
Tgt Ion:240 Resp: 253043
Ion Ratio Lower Upper
240 100
120 9.0 8.1 12.1
236 26.8 20.6 30.8



#77
Benzidine
Concen: 3.742 ng
RT: 19.916 min Scan# 2864
Delta R.T. 0.377 min
Lab File: BG057818.D
Acq: 22 Jun 2023 21:40

Tgt Ion:184 Resp: 22196
Ion Ratio Lower Upper
184 100
185 16.2 12.0 18.0
183 8.3 9.4 14.0#





#79

Terphenyl-d14

Concen: 116.442 ng

RT: 19.916 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057818.D

Acq: 22 Jun 2023 21:40

Instrument :

BNA_G

ClientSampleId :

NEGATIVE-MH-BT-TRACK-89-90

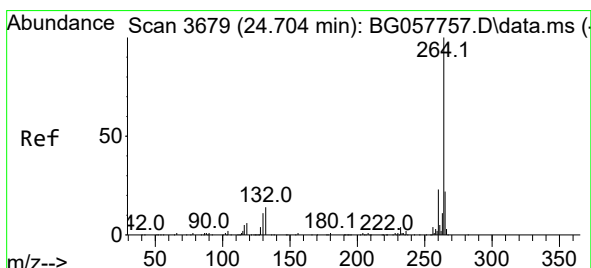
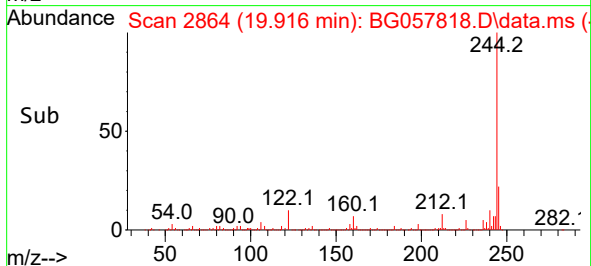
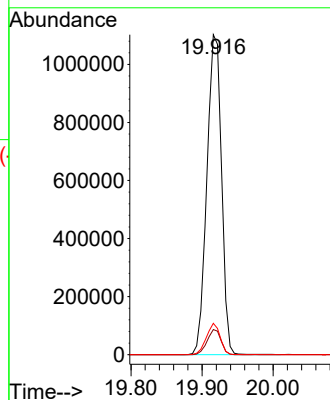
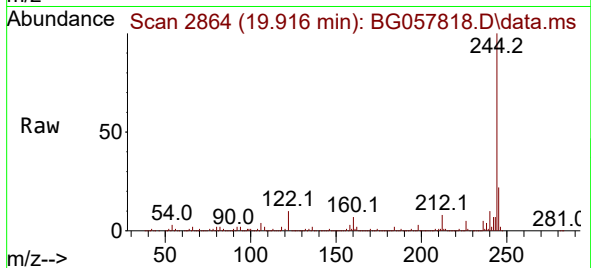
Tgt Ion:244 Resp: 1580159

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

122 9.8 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: BG057818.D

Acq: 22 Jun 2023 21:40

Tgt Ion:264 Resp: 311889

Ion Ratio Lower Upper

264 100

260 22.0 18.5 27.7

265 21.5 17.4 26.2

