

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
 Data File : BG058765.D
 Acq On : 17 Aug 2023 16:40
 Operator : MA/JU
 Sample : 04022-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-15

Quant Time: Aug 18 01:53:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

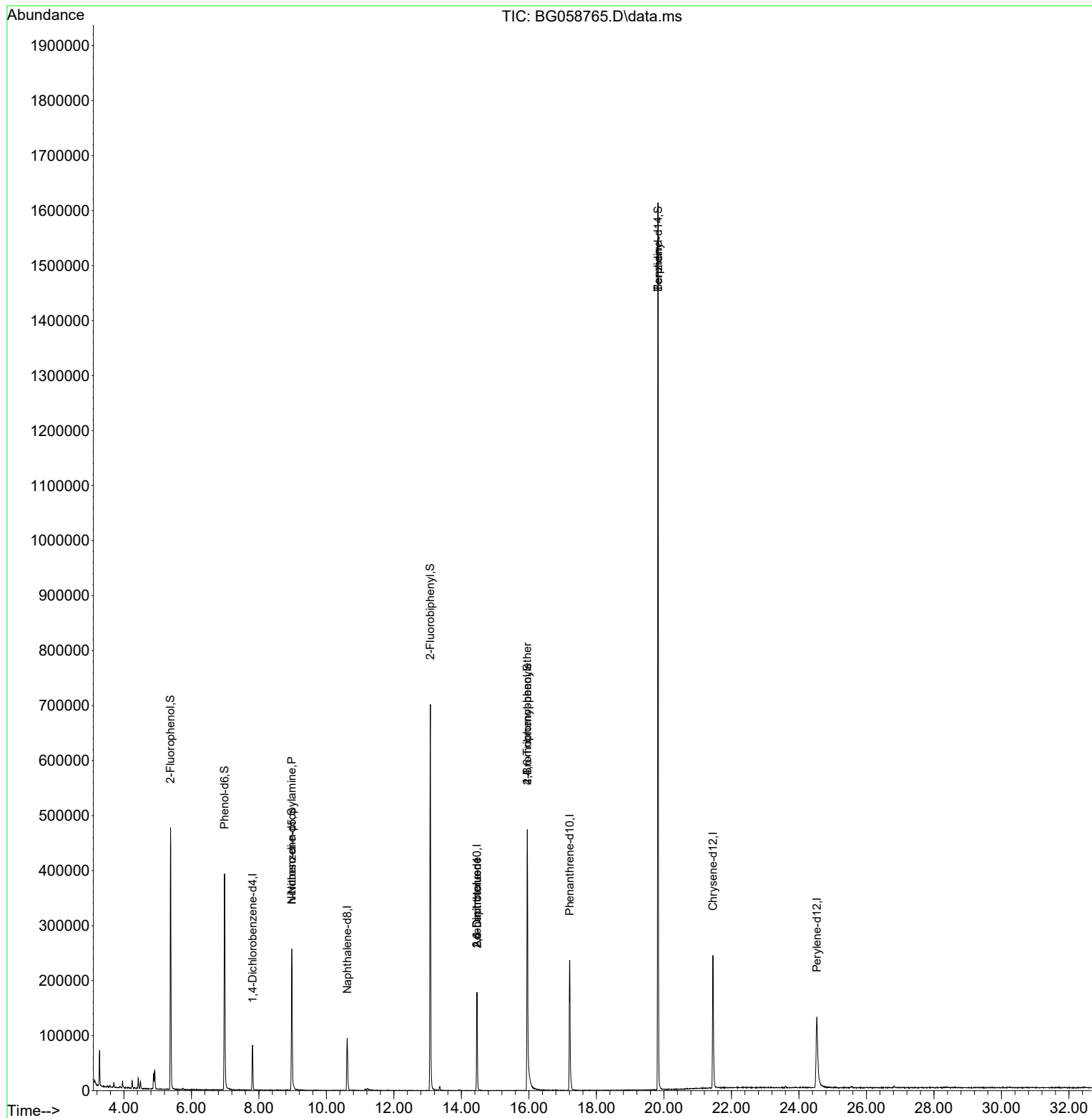
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	22808	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	95612	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	69398	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	194661	20.000	ng	# 0.00
76) Chrysene-d12	21.451	240	175370	20.000	ng	0.00
86) Perylene-d12	24.530	264	200174	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	189267	126.836	ng	0.00
7) Phenol-d6	6.980	99	237802	114.526	ng	0.00
23) Nitrobenzene-d5	8.971	82	168339	86.492	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	134664	118.388	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	404831	87.420	ng	0.00
79) Terphenyl-d14	19.823	244	869782	93.268	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.971	70	21770	16.232	ng	# 81
51) 2,6-Dinitrotoluene	14.459	165	9089	7.948	ng	# 22
57) 2,4-Dinitrotoluene	14.459	165	9089	5.733	ng	# 23
67) 4-Bromophenyl-phenylether	15.951	248	7786	3.526	ng	# 1
77) Benzidine	19.823	184	11737	4.414	ng	# 94

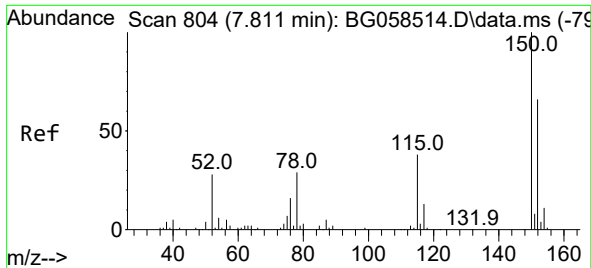
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
Data File : BG058765.D
Acq On : 17 Aug 2023 16:40
Operator : MA/JU
Sample : 04022-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-15

Quant Time: Aug 18 01:53:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

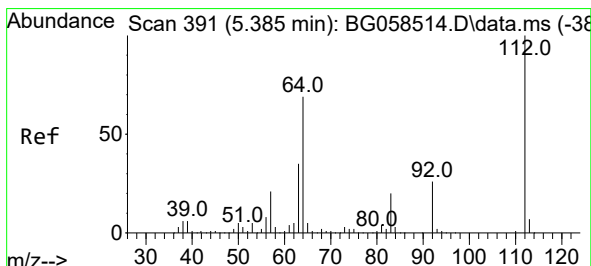
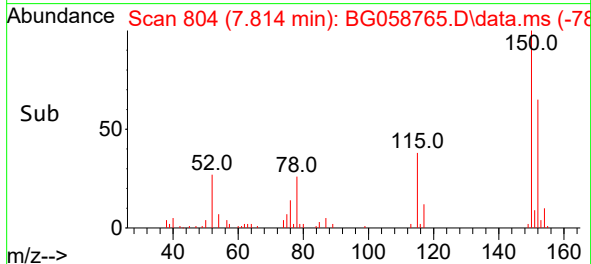
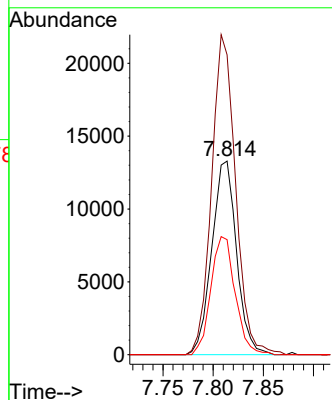
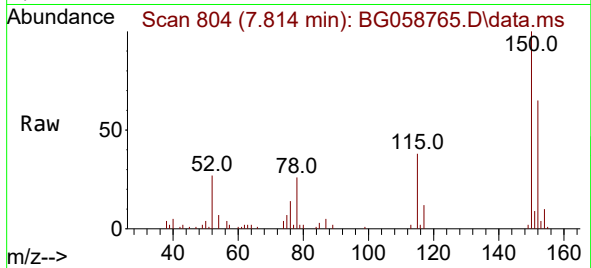




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.814 min Scan# 804
Delta R.T. 0.003 min
Lab File: BG058765.D
Acq: 17 Aug 2023 16:40

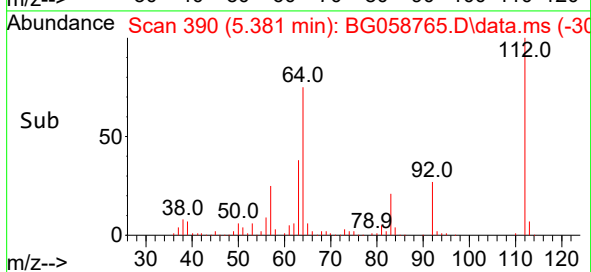
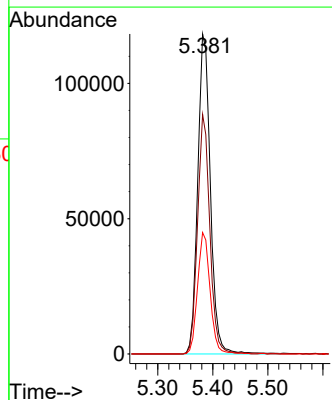
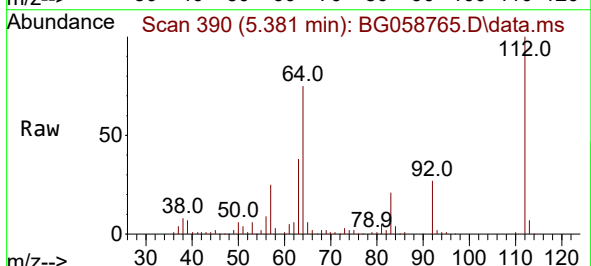
Instrument :
BNA_G
ClientSampleId :
TP-15

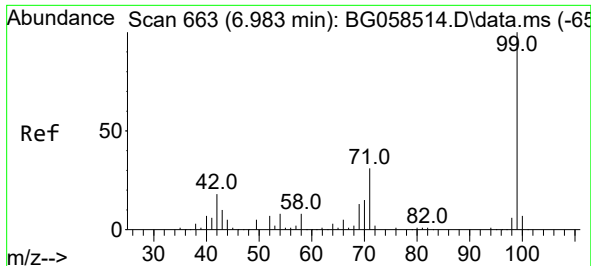
Tgt Ion:152 Resp: 22808
Ion Ratio Lower Upper
152 100
150 154.9 120.5 180.7
115 59.4 45.9 68.9



#5
2-Fluorophenol
Concen: 126.836 ng
RT: 5.381 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG058765.D
Acq: 17 Aug 2023 16:40

Tgt Ion:112 Resp: 189267
Ion Ratio Lower Upper
112 100
64 74.8 55.3 82.9
63 37.9 28.3 42.5

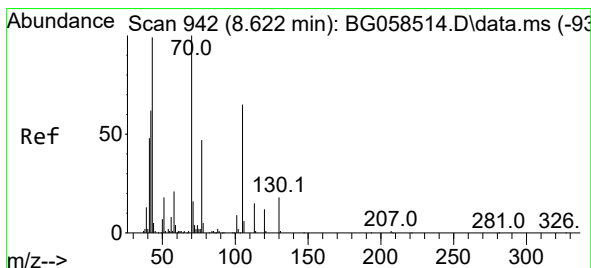
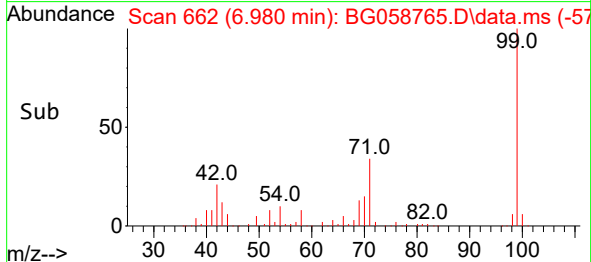
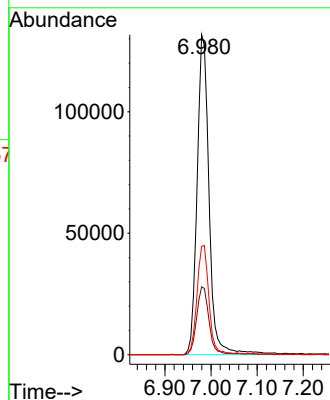
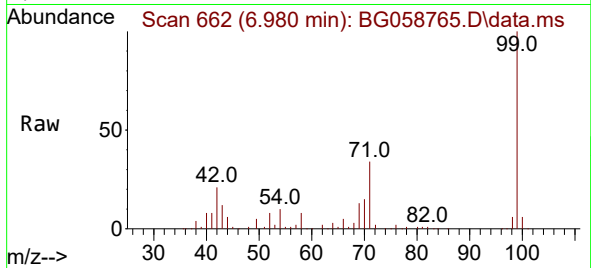




#7
Phenol-d6
Concen: 114.526 ng
RT: 6.980 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG058765.D
Acq: 17 Aug 2023 16:40

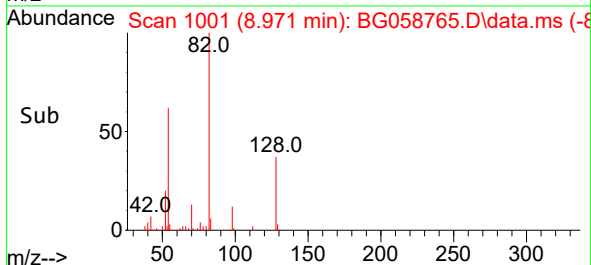
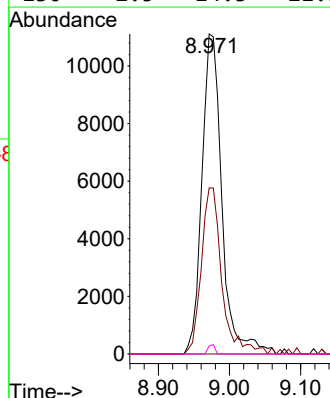
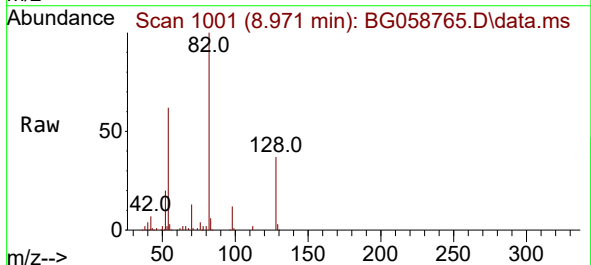
Instrument :
BNA_G
ClientSampleId :
TP-15

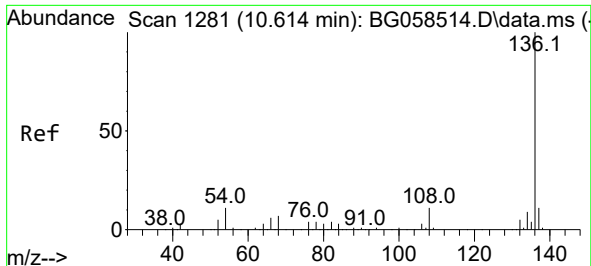
Tgt Ion: 99 Resp: 237802
Ion Ratio Lower Upper
99 100
42 21.2 14.6 21.8
71 33.9 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.232 ng
RT: 8.971 min Scan# 1001
Delta R.T. 0.349 min
Lab File: BG058765.D
Acq: 17 Aug 2023 16:40

Tgt Ion: 70 Resp: 21770
Ion Ratio Lower Upper
70 100
42 51.9 49.7 74.5
101 0.0 7.0 10.4#
130 2.5 14.3 21.5#

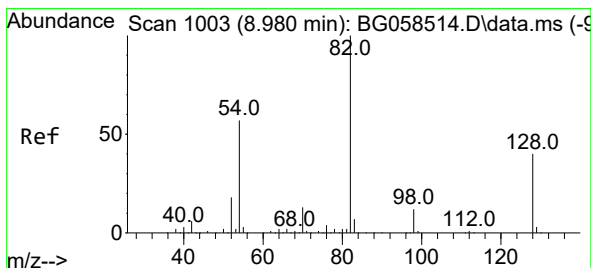
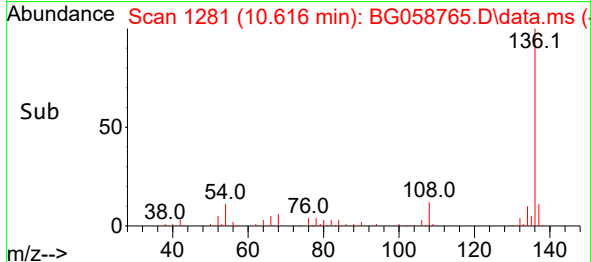
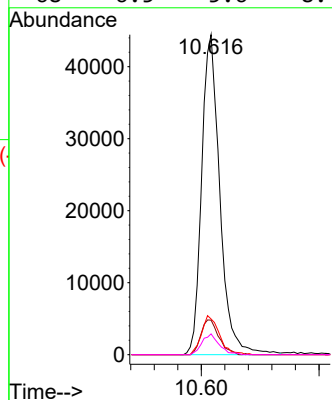
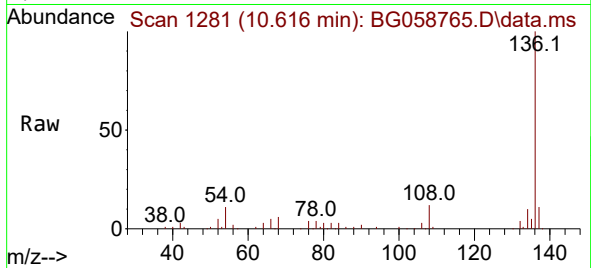




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1001
Delta R.T. 0.003 min
Lab File: BG058765.D
Acq: 17 Aug 2023 16:40

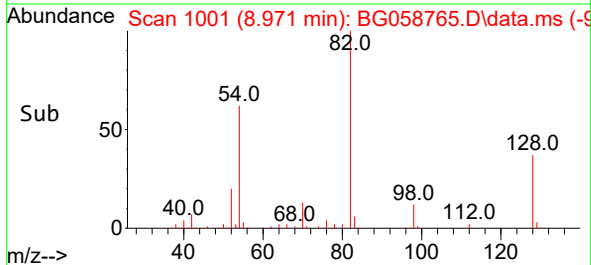
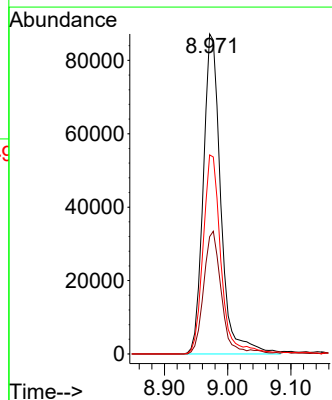
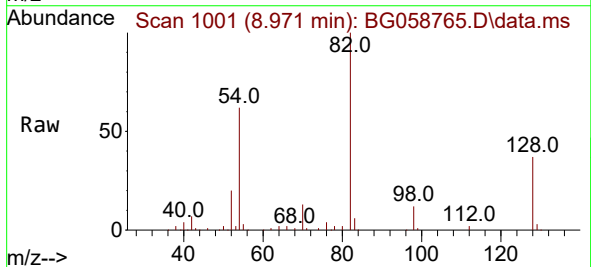
Instrument :
BNA_G
ClientSampleId :
TP-15

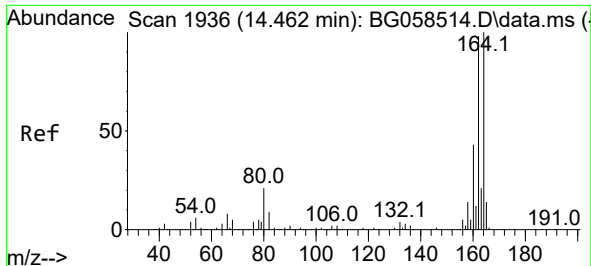
Tgt Ion:	136	Resp:	95612
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	11.2	8.9	13.3
68	6.5	5.6	8.4



#23
Nitrobenzene-d5
Concen: 86.492 ng
RT: 8.971 min Scan# 1001
Delta R.T. -0.009 min
Lab File: BG058765.D
Acq: 17 Aug 2023 16:40

Tgt Ion:	82	Resp:	168339
Ion Ratio	Lower	Upper	
82	100		
128	36.7	32.2	48.2
54	62.2	46.0	69.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.459 min Scan# 1935

Delta R.T. -0.003 min

Lab File: BG058765.D

Acq: 17 Aug 2023 16:40

Instrument :

BNA_G

ClientSampleId :

TP-15

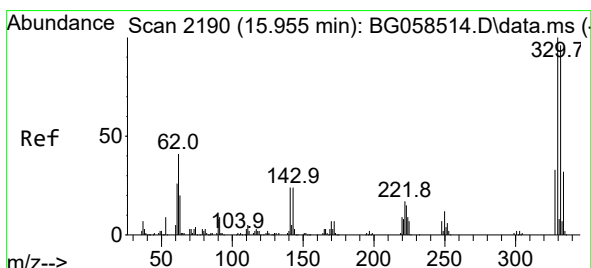
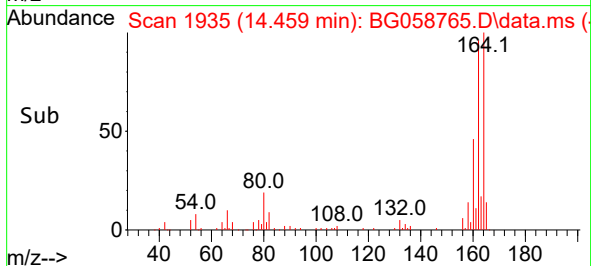
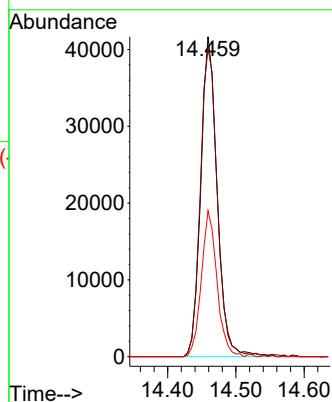
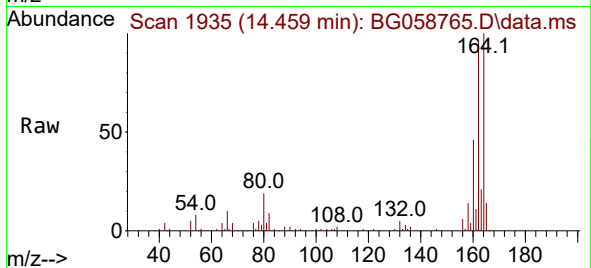
Tgt Ion:164 Resp: 69398

Ion Ratio Lower Upper

164 100

162 96.3 78.3 117.5

160 45.6 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 118.388 ng

RT: 15.951 min Scan# 2189

Delta R.T. -0.003 min

Lab File: BG058765.D

Acq: 17 Aug 2023 16:40

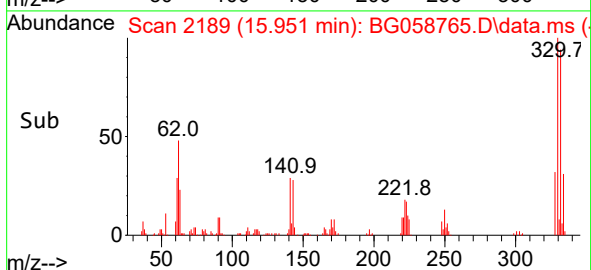
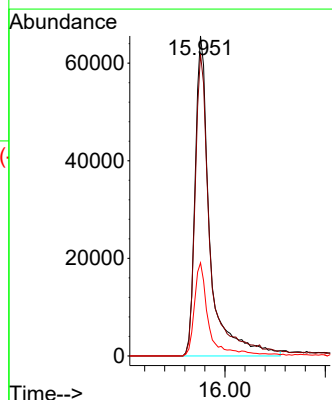
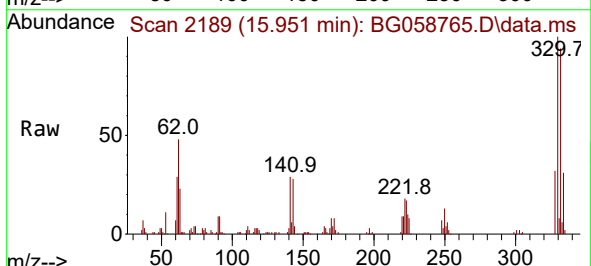
Tgt Ion:330 Resp: 134664

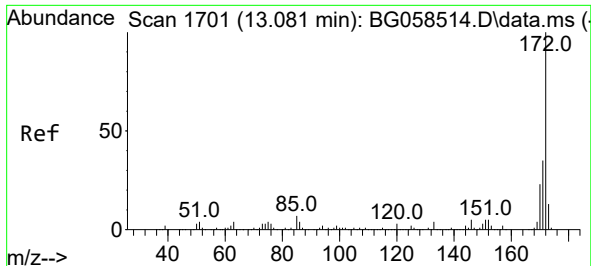
Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

141 26.4 20.7 31.1

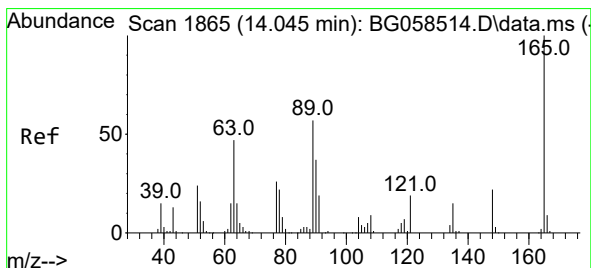
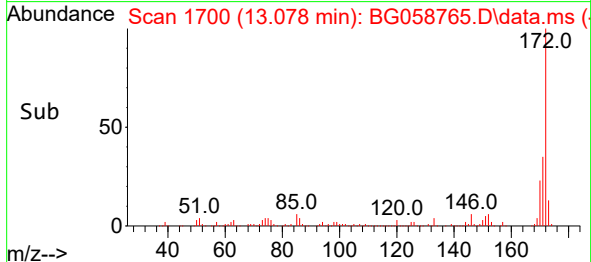
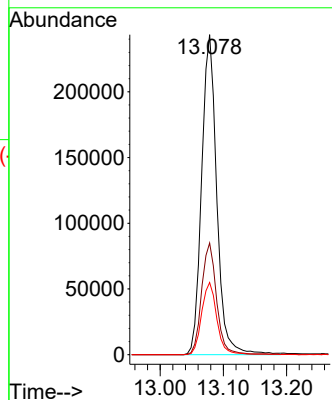
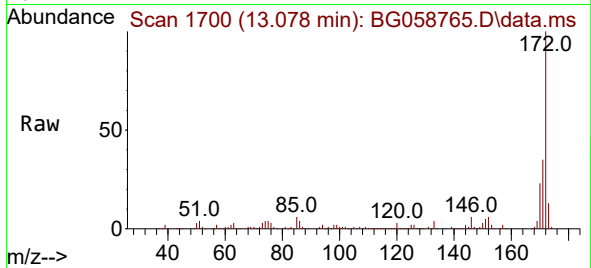




#45
2-Fluorobiphenyl
Concen: 87.420 ng
RT: 13.078 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG058765.D
Acq: 17 Aug 2023 16:40

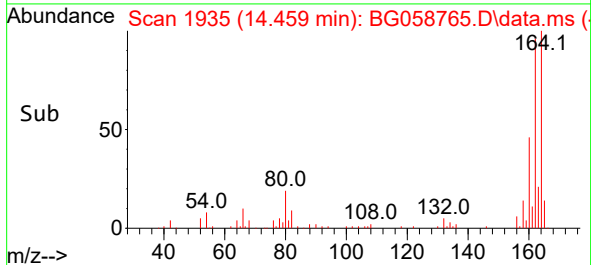
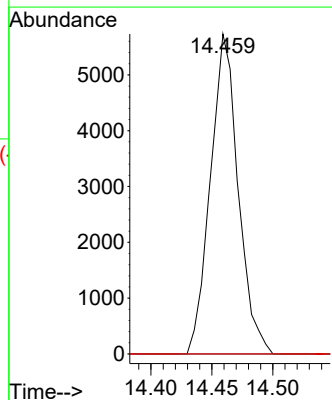
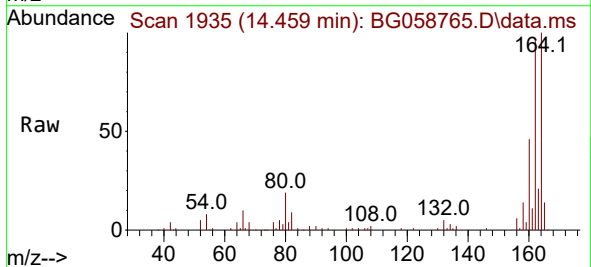
Instrument :
BNA_G
ClientSampleId :
TP-15

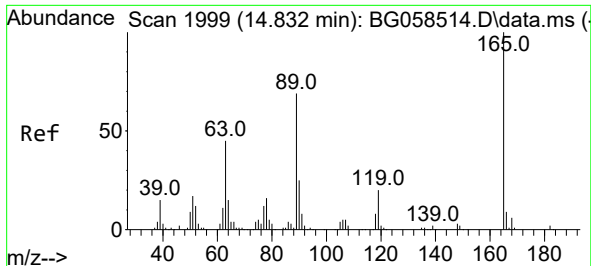
Tgt Ion:172 Resp: 404831
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 22.5 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.948 ng
RT: 14.459 min Scan# 1935
Delta R.T. 0.414 min
Lab File: BG058765.D
Acq: 17 Aug 2023 16:40

Tgt Ion:165 Resp: 9089
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.3 67.9#

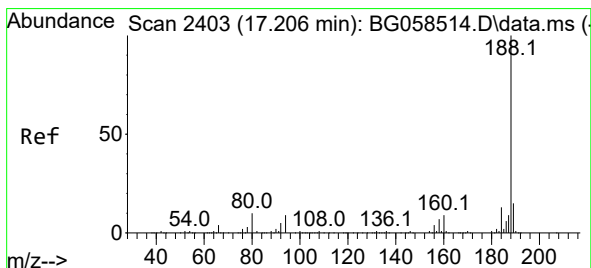
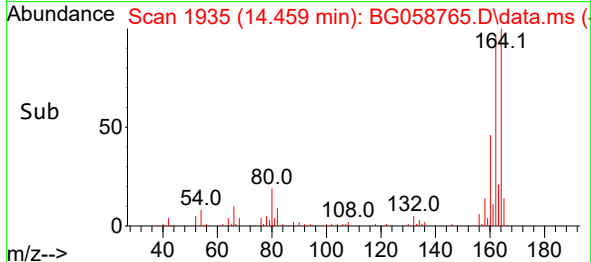
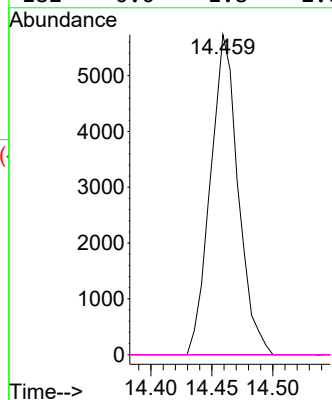
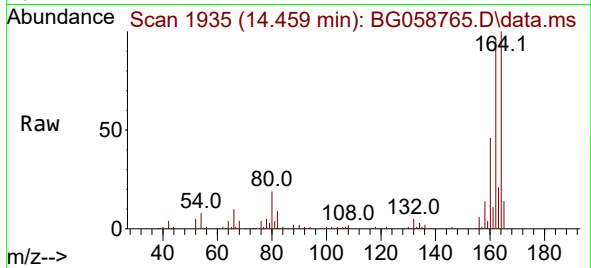




#57
2,4-Dinitrotoluene
Concen: 5.733 ng
RT: 14.459 min Scan# 1999
Delta R.T. -0.373 min
Lab File: BG058765.D
Acq: 17 Aug 2023 16:40

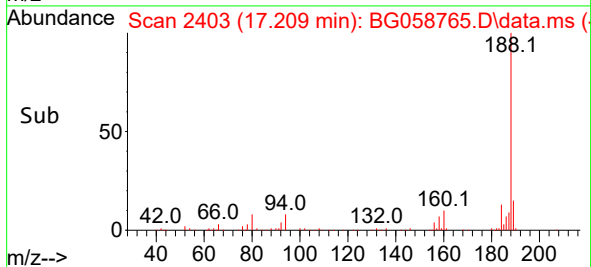
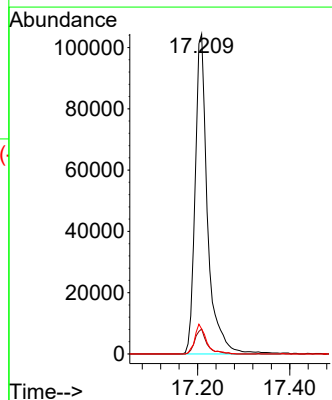
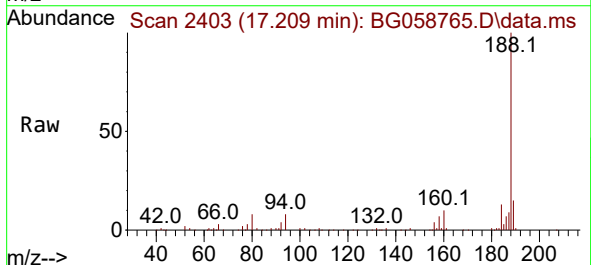
Instrument :
BNA_G
ClientSampleId :
TP-15

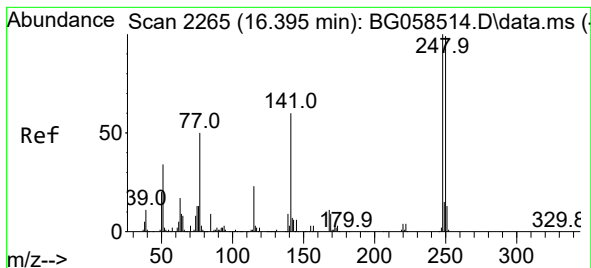
Tgt Ion:165 Resp: 9089
Ion Ratio Lower Upper
165 100
63 0.0 36.6 54.8#
89 0.0 55.4 83.0#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2403
Delta R.T. 0.003 min
Lab File: BG058765.D
Acq: 17 Aug 2023 16:40

Tgt Ion:188 Resp: 194661
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.6
80 7.8 8.1 12.1#

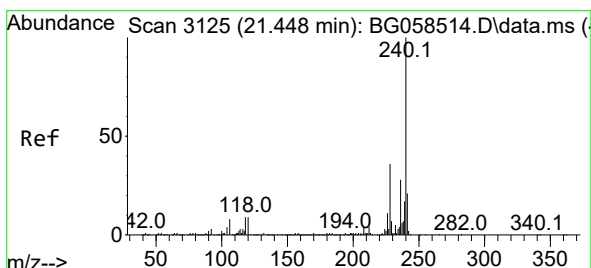
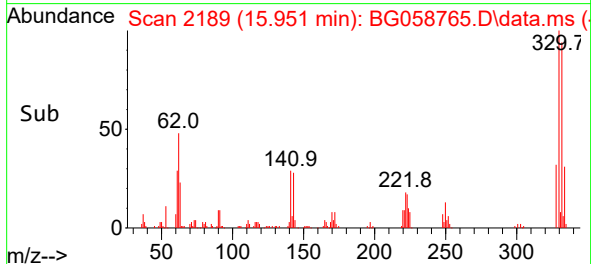
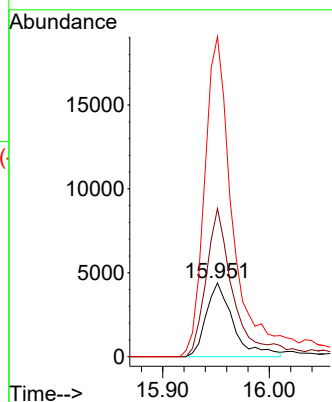
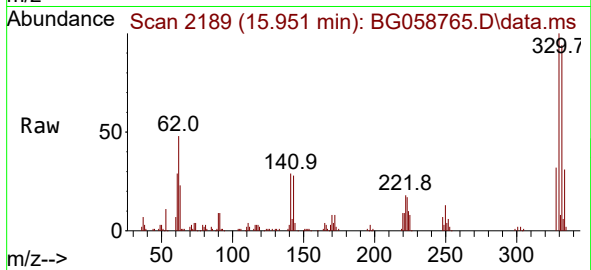




#67
4-Bromophenyl-phenylether
Concen: 3.526 ng
RT: 15.951 min Scan# 2189
Delta R.T. -0.444 min
Lab File: BG058765.D
Acq: 17 Aug 2023 16:40

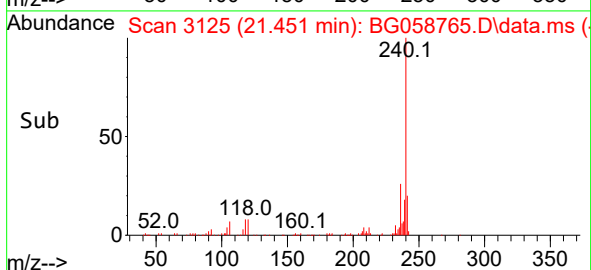
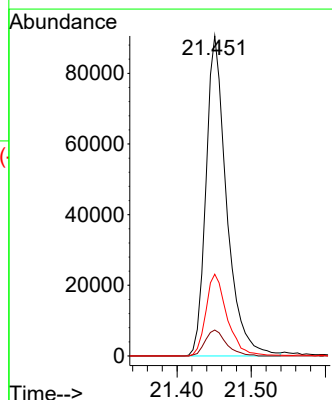
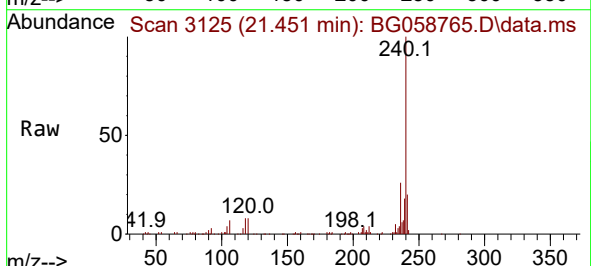
Instrument :
BNA_G
ClientSampleId :
TP-15

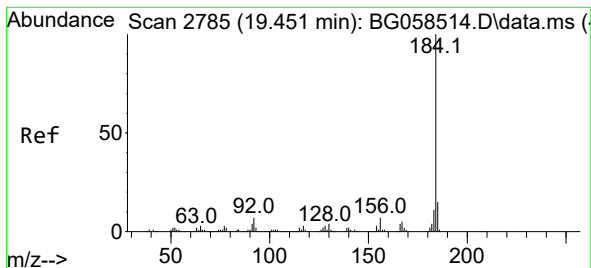
Tgt Ion:248 Resp: 7786
Ion Ratio Lower Upper
248 100
250 200.8 79.5 119.3#
141 433.8 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. 0.003 min
Lab File: BG058765.D
Acq: 17 Aug 2023 16:40

Tgt Ion:240 Resp: 175370
Ion Ratio Lower Upper
240 100
120 8.1 7.4 11.0
236 25.5 22.2 33.4





#77

Benzidine

Concen: 4.414 ng

RT: 19.823 min Scan# 2848

Delta R.T. 0.373 min

Lab File: BG058765.D

Acq: 17 Aug 2023 16:40

Instrument :

BNA_G

ClientSampleId :

TP-15

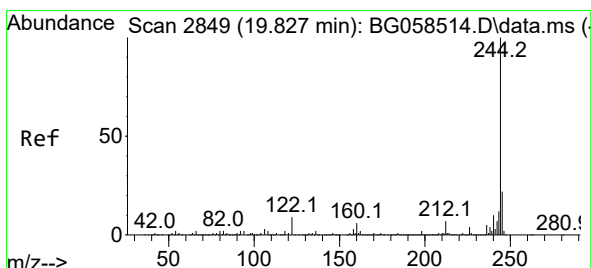
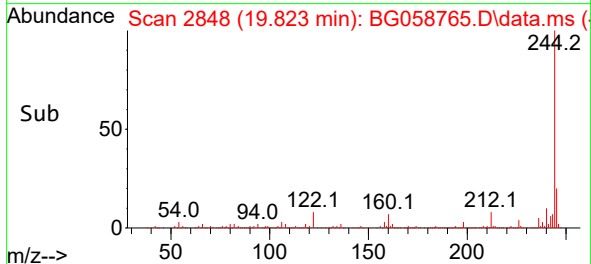
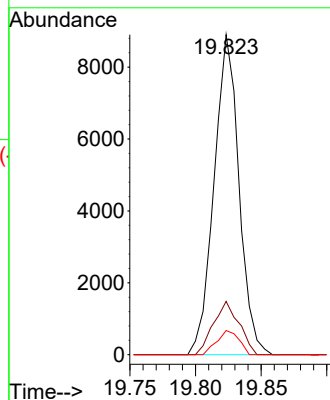
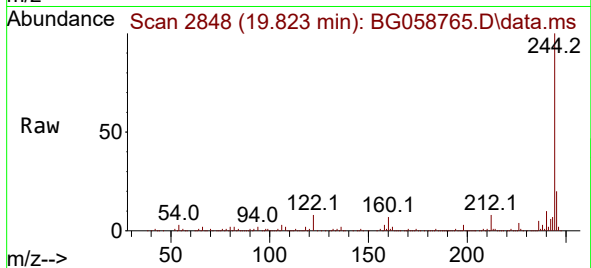
Tgt Ion:184 Resp: 11737

Ion Ratio Lower Upper

184 100

185 16.6 11.9 17.9

183 7.5 8.7 13.1#



#79

Terphenyl-d14

Concen: 93.268 ng

RT: 19.823 min Scan# 2848

Delta R.T. -0.003 min

Lab File: BG058765.D

Acq: 17 Aug 2023 16:40

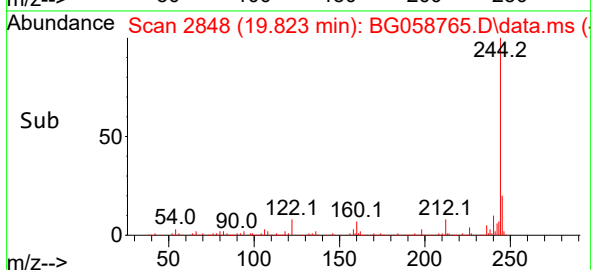
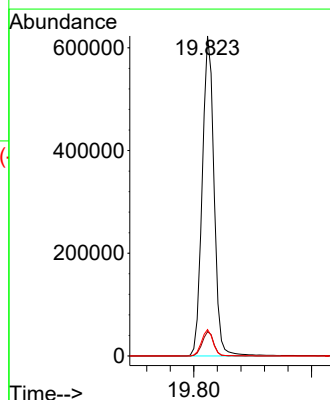
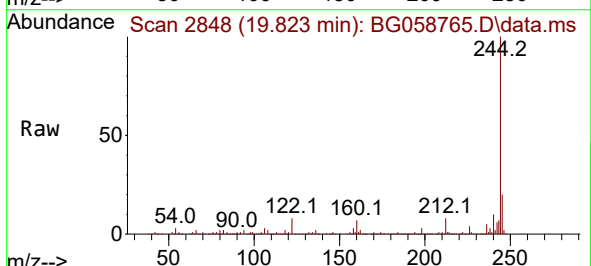
Tgt Ion:244 Resp: 869782

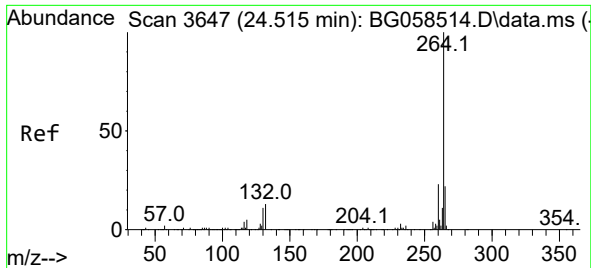
Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

122 8.2 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.530 min Scan# 30
 Delta R.T. 0.014 min
 Lab File: BG058765.D
 Acq: 17 Aug 2023 16:40

Instrument :
 BNA_G
 ClientSampleId :
 TP-15

Tgt Ion:264 Resp: 200174
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.4 27.6
 265 22.7 17.9 26.9

