

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
 Data File : BG058759.D
 Acq On : 17 Aug 2023 12:34
 Operator : MA/JU
 Sample : PB154598TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154598TB

Quant Time: Aug 18 01:51:49 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)

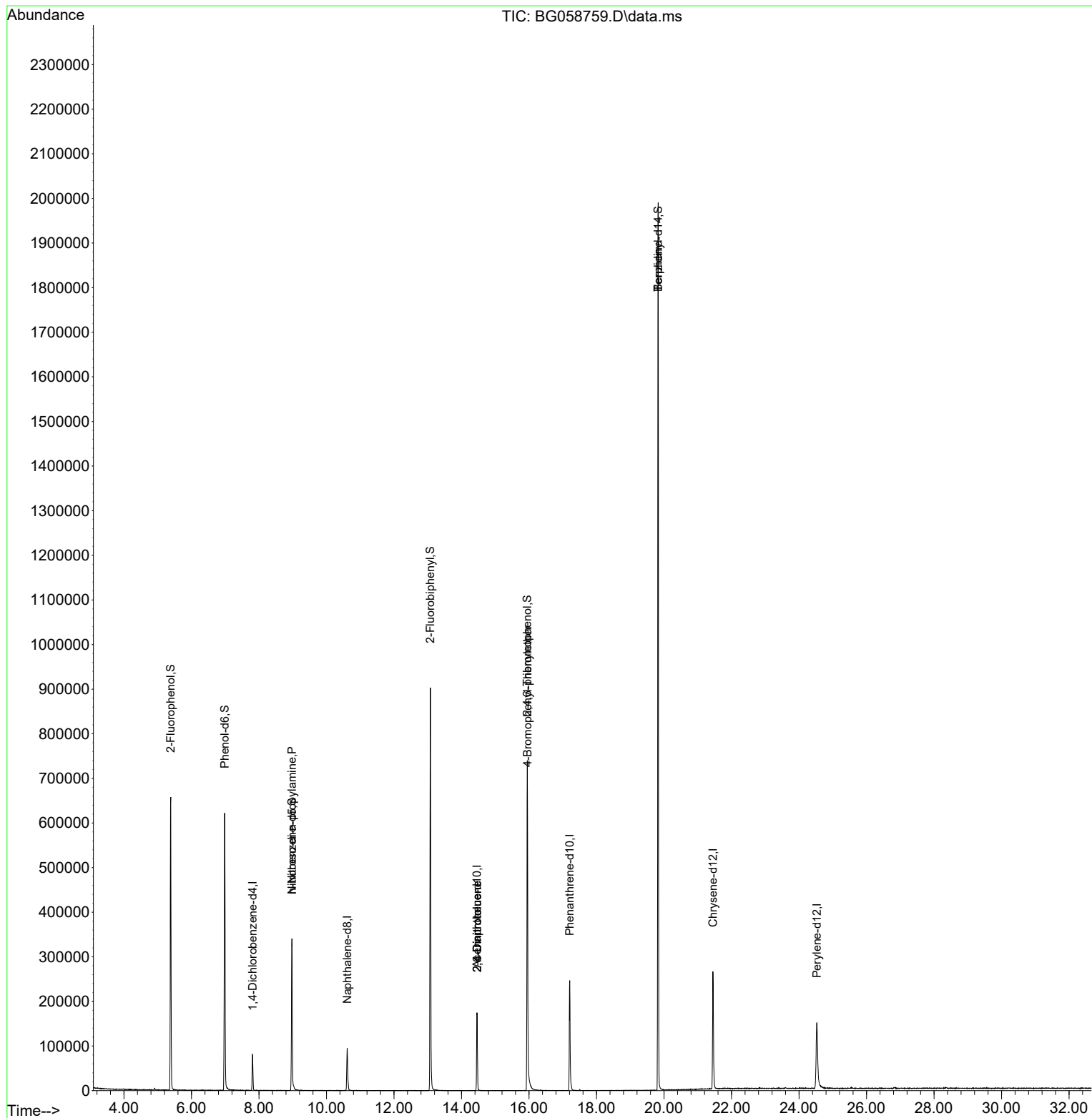
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	22967	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	94815	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	72081	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	196388	20.000	ng	0.00
76) Chrysene-d12	21.449	240	183314	20.000	ng	0.00
86) Perylene-d12	24.528	264	212169	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	264674	176.141	ng	0.00
7) Phenol-d6	6.984	99	355625	170.084	ng	0.00
23) Nitrobenzene-d5	8.975	82	217564	112.724	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	185036	156.617	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	532462	110.701	ng	0.00
79) Terphenyl-d14	19.827	244	1108666	113.733	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	27780	20.569	ng	# 78
51) 2,6-Dinitrotoluene	14.463	165	8808	7.415	ng	# 22
57) 2,4-Dinitrotoluene	14.463	165	8808	5.349	ng	# 23
67) 4-Bromophenyl-phenylether	15.956	248	11646	5.228	ng	# 1
77) Benzidine	19.827	184	15981	5.749	ng	# 96

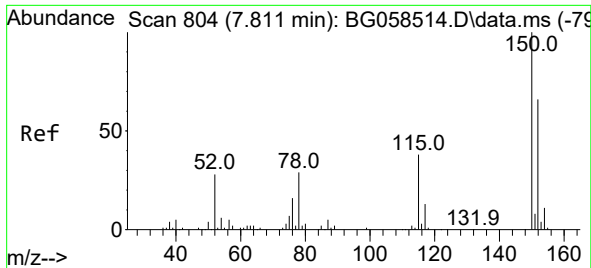
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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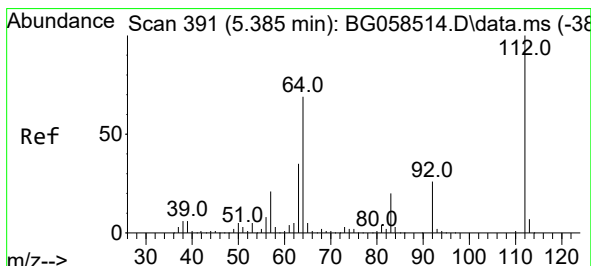
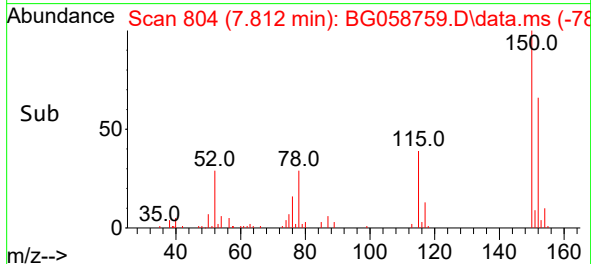
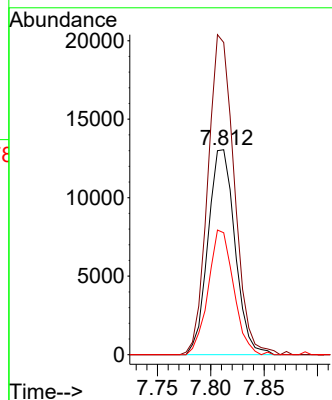
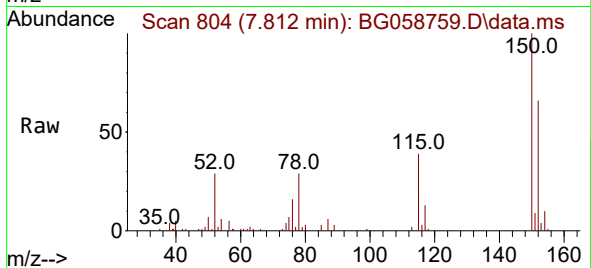




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058759.D
Acq: 17 Aug 2023 12:34

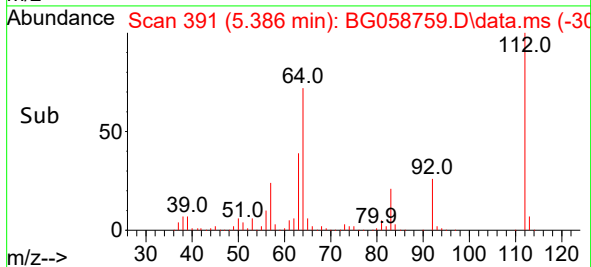
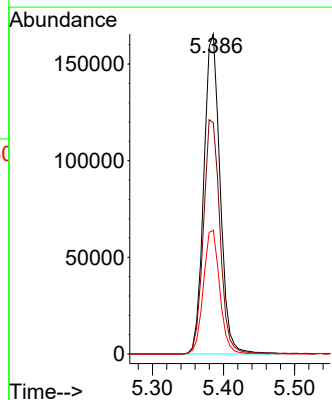
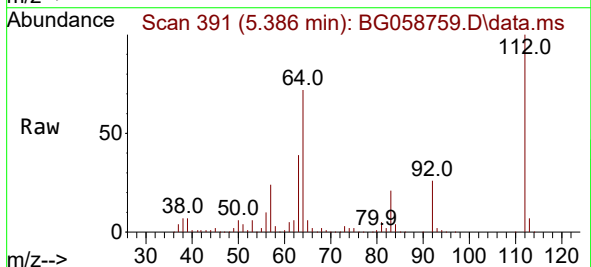
Instrument :
BNA_G
ClientSampleId :
PB154598TB

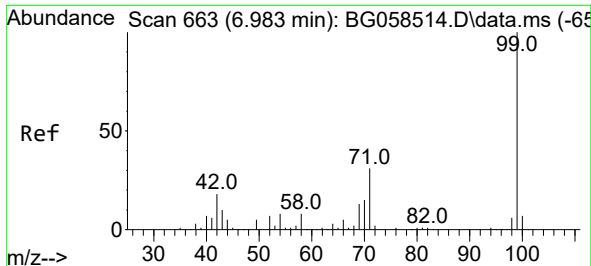
Tgt Ion:152 Resp: 22967
Ion Ratio Lower Upper
152 100
150 152.4 120.5 180.7
115 59.5 45.9 68.9



#5
2-Fluorophenol
Concen: 176.141 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058759.D
Acq: 17 Aug 2023 12:34

Tgt Ion:112 Resp: 264674
Ion Ratio Lower Upper
112 100
64 72.2 55.3 82.9
63 38.6 28.3 42.5

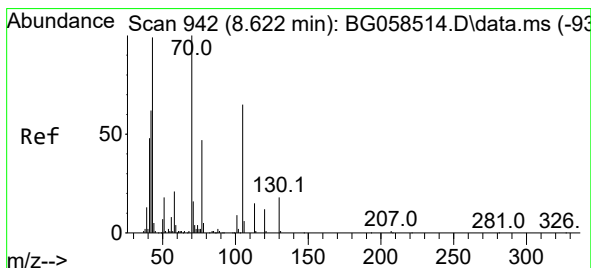
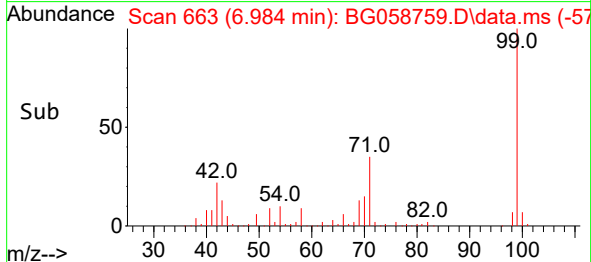
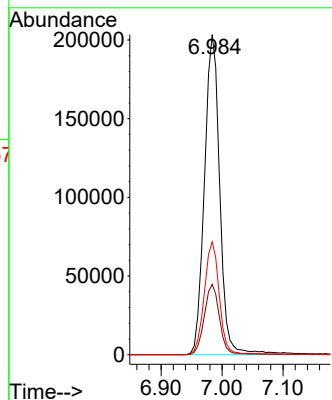
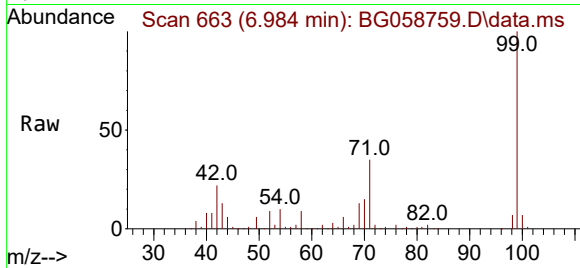




#7
Phenol-d6
Concen: 170.084 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058759.D
Acq: 17 Aug 2023 12:34

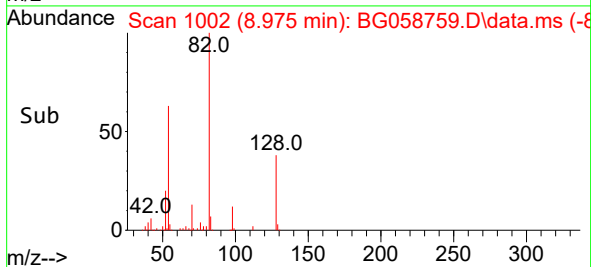
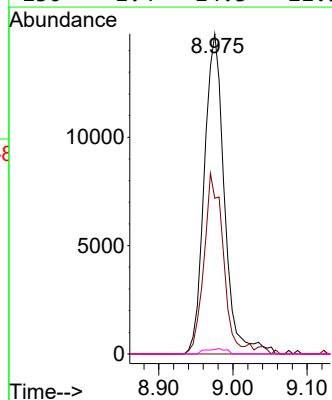
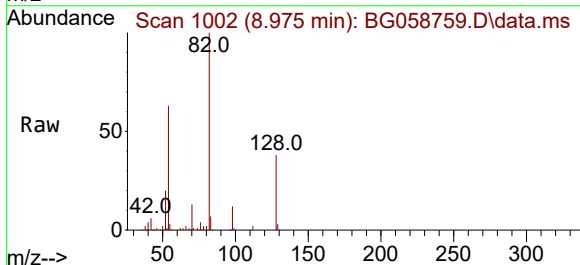
Instrument :
BNA_G
ClientSampleId :
PB154598TB

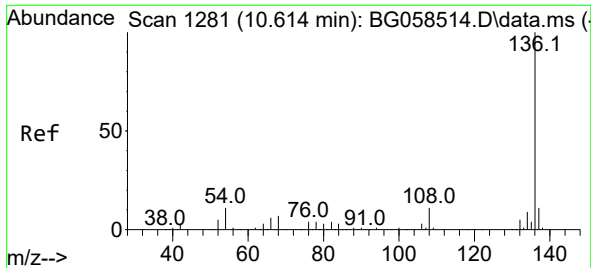
Tgt Ion: 99 Resp: 355625
Ion Ratio Lower Upper
99 100
42 22.0 14.6 21.8#
71 35.2 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.569 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058759.D
Acq: 17 Aug 2023 12:34

Tgt Ion: 70 Resp: 27780
Ion Ratio Lower Upper
70 100
42 48.7 49.7 74.5#
101 0.0 7.0 10.4#
130 1.4 14.3 21.5#

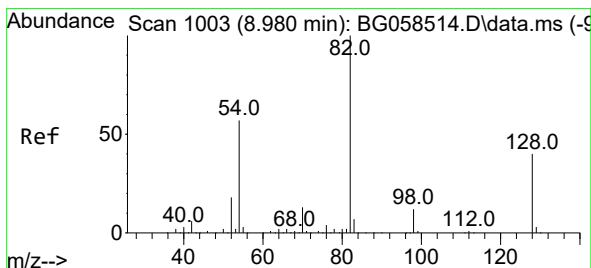
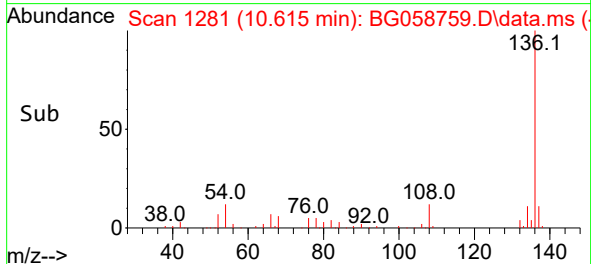
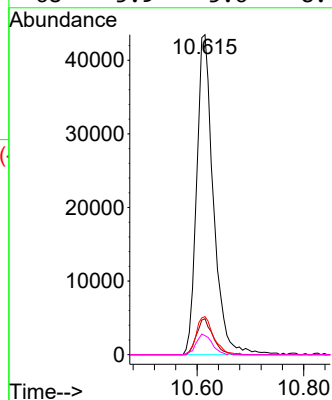
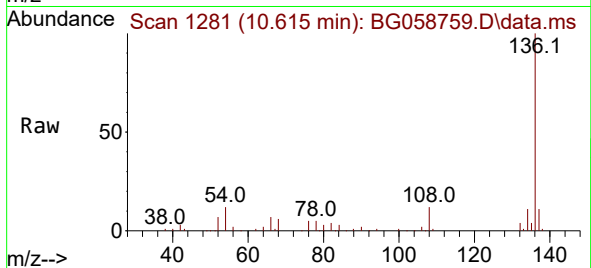




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058759.D
Acq: 17 Aug 2023 12:34

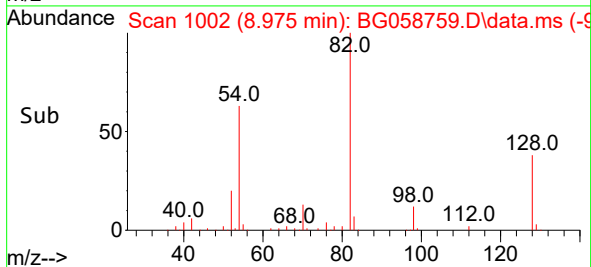
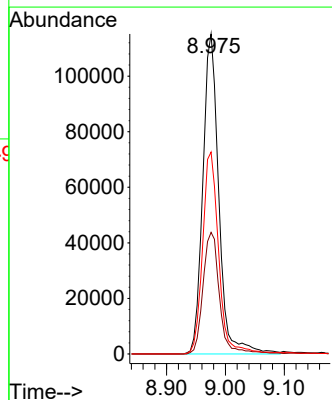
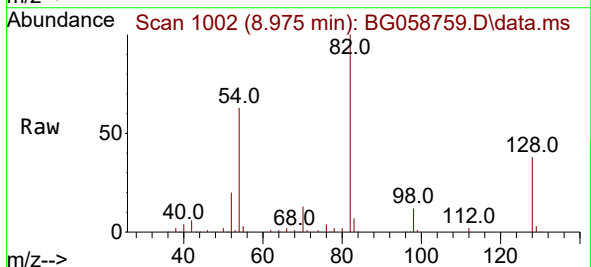
Instrument :
BNA_G
ClientSampleId :
PB154598TB

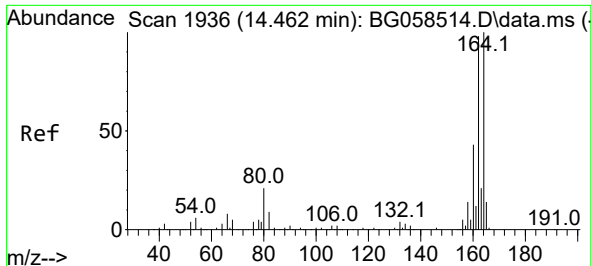
Tgt Ion:	136	Resp:	94815
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	13.0
54	11.9	8.9	13.3
68	5.9	5.6	8.4



#23
Nitrobenzene-d5
Concen: 112.724 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058759.D
Acq: 17 Aug 2023 12:34

Tgt Ion:	82	Resp:	217564
Ion Ratio	Lower	Upper	
82	100		
128	38.0	32.2	48.2
54	63.1	46.0	69.0

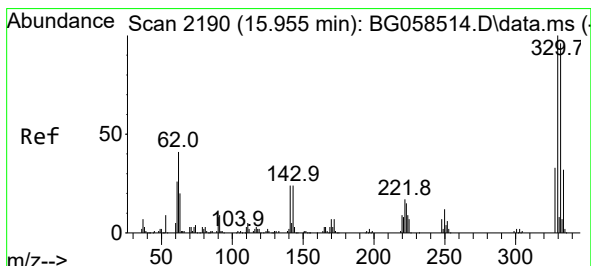
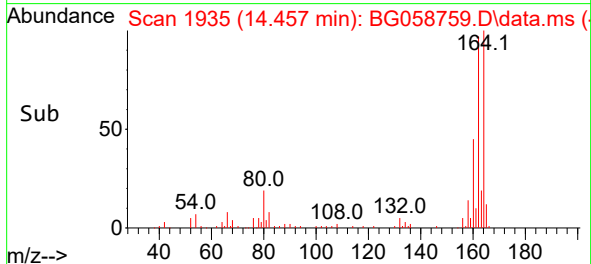
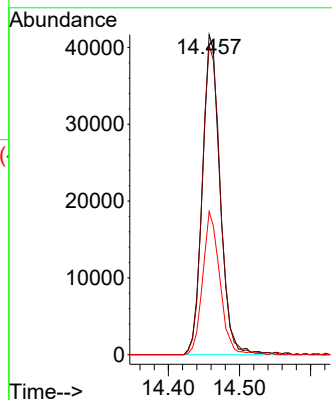
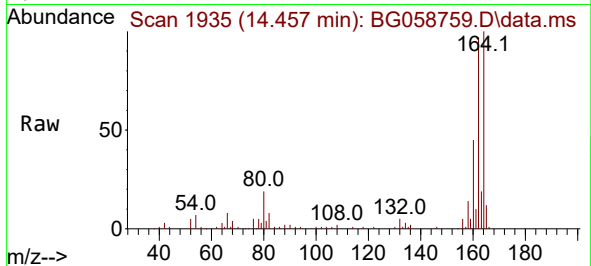




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058759.D
Acq: 17 Aug 2023 12:34

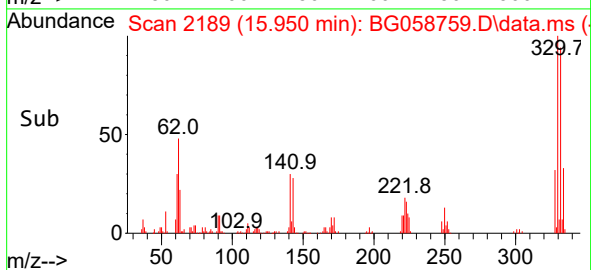
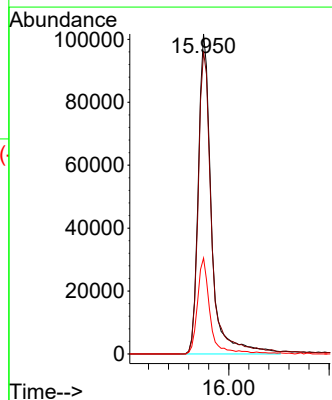
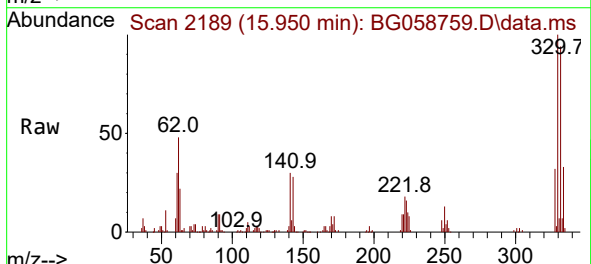
Instrument :
BNA_G
ClientSampleId :
PB154598TB

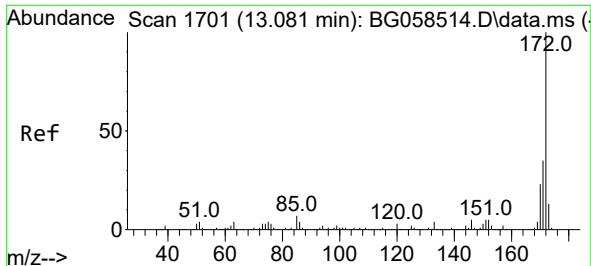
Tgt Ion:164 Resp: 72081
Ion Ratio Lower Upper
164 100
162 96.7 78.3 117.5
160 44.7 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 156.617 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BG058759.D
Acq: 17 Aug 2023 12:34

Tgt Ion:330 Resp: 185036
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 28.2 20.7 31.1

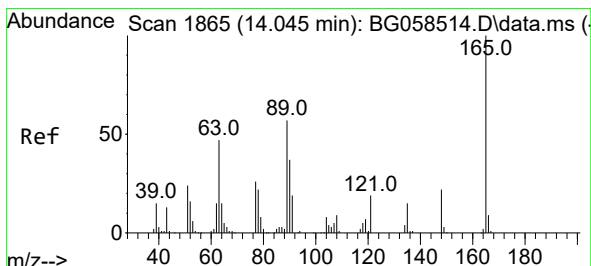
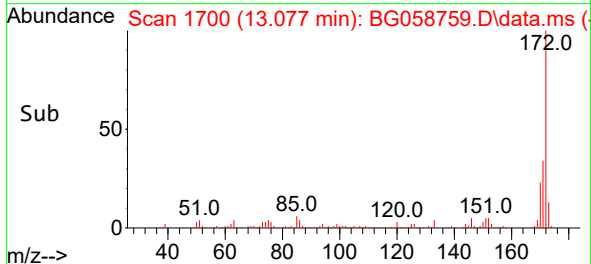
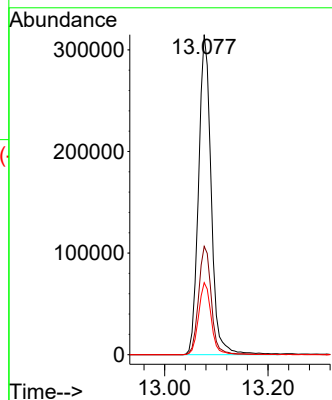
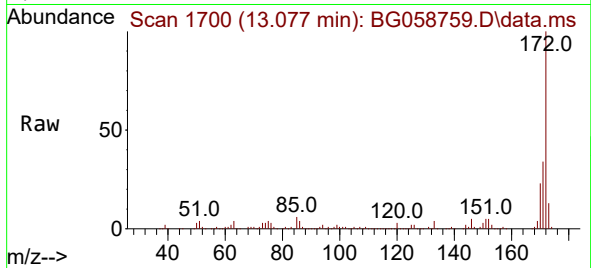




#45
2-Fluorobiphenyl
Concen: 110.701 ng
RT: 13.077 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG058759.D
Acq: 17 Aug 2023 12:34

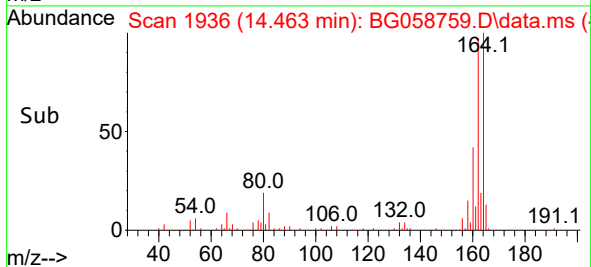
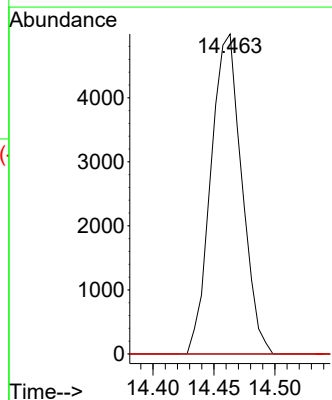
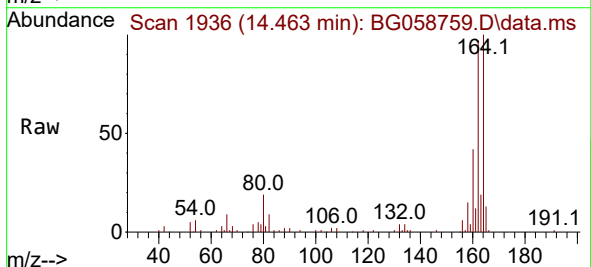
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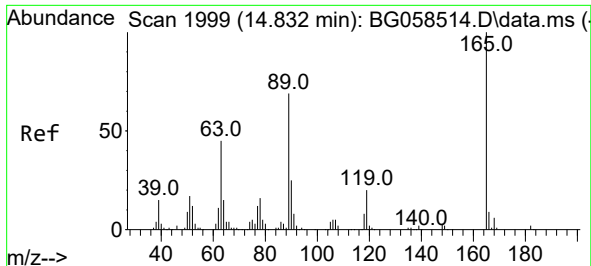
Tgt Ion:172 Resp: 532462
Ion Ratio Lower Upper
172 100
171 33.8 28.0 42.0
170 22.5 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.415 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.418 min
Lab File: BG058759.D
Acq: 17 Aug 2023 12:34

Tgt Ion:165 Resp: 8808
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: 5.349 ng

RT: 14.463 min Scan# 1999

Delta R.T. -0.369 min

Lab File: BG058759.D

Acq: 17 Aug 2023 12:34

Instrument :

BNA_G

ClientSampleId :

PB154598TB

Tgt Ion:165 Resp: 8808

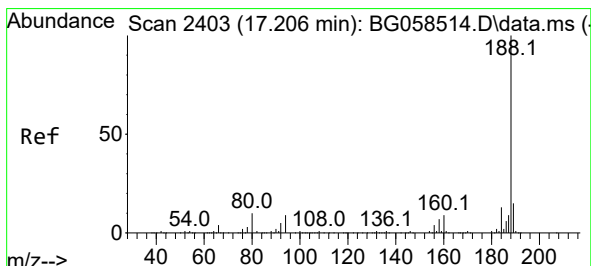
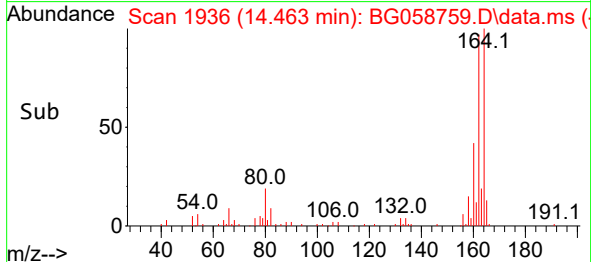
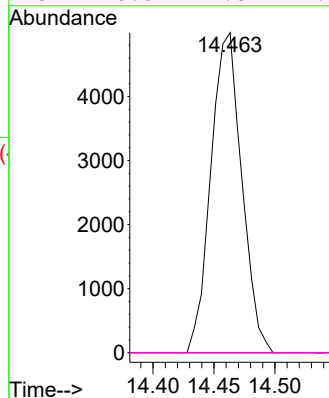
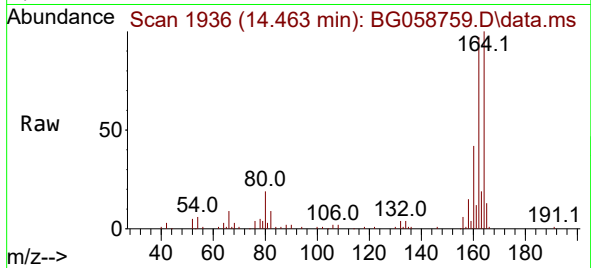
Ion Ratio Lower Upper

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: 17.207 min Scan# 2403

Delta R.T. 0.001 min

Lab File: BG058759.D

Acq: 17 Aug 2023 12:34

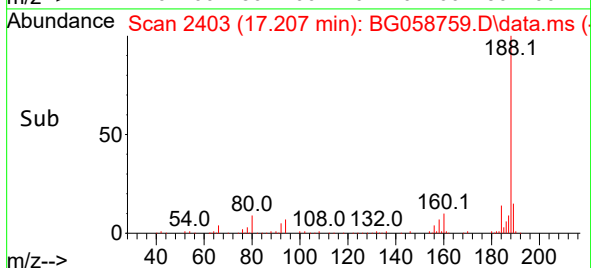
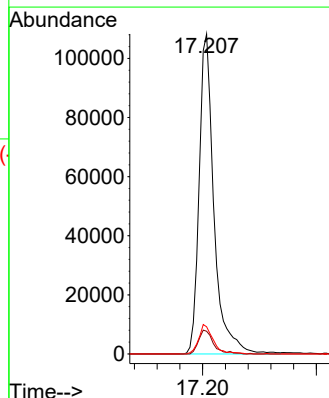
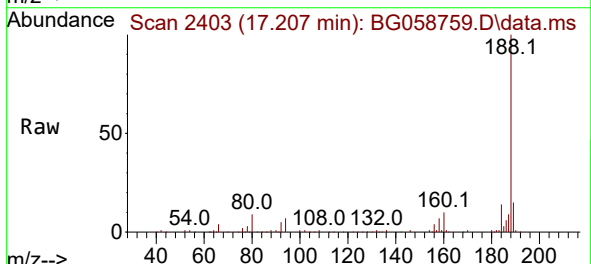
Tgt Ion:188 Resp: 196388

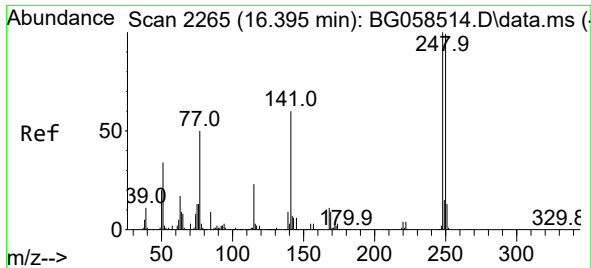
Ion Ratio Lower Upper

188 100

94 7.1 7.0 10.6

80 8.5 8.1 12.1

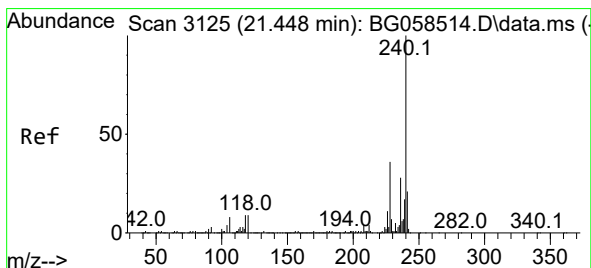
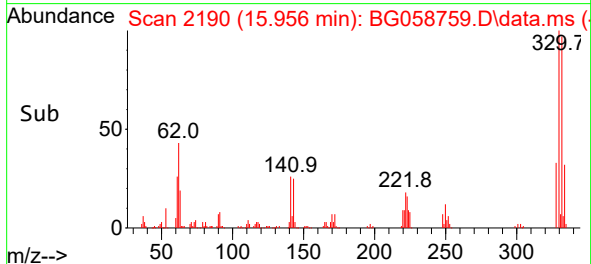
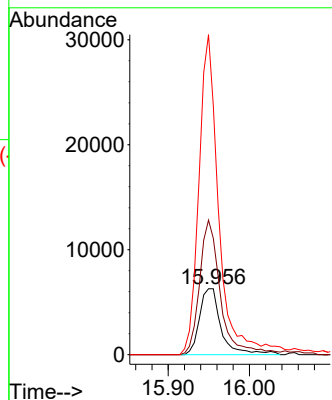
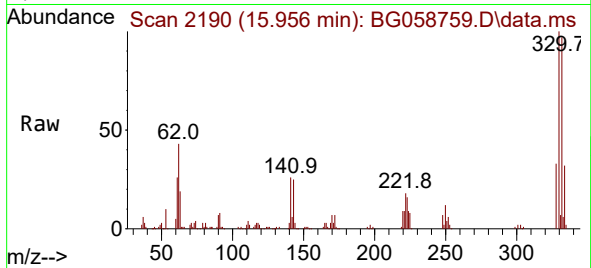




#67
4-Bromophenyl-phenylether
Concen: 5.228 ng
RT: 15.956 min Scan# 21190
Delta R.T. -0.440 min
Lab File: BG058759.D
Acq: 17 Aug 2023 12:34

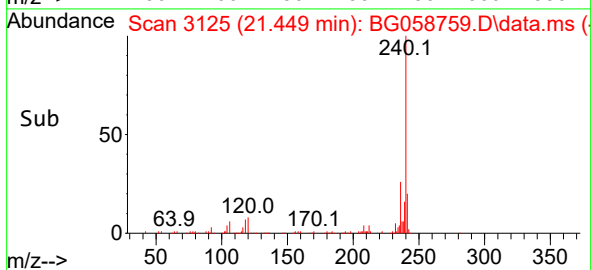
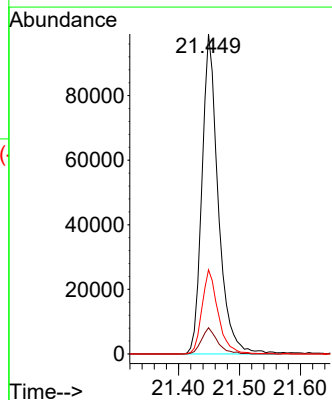
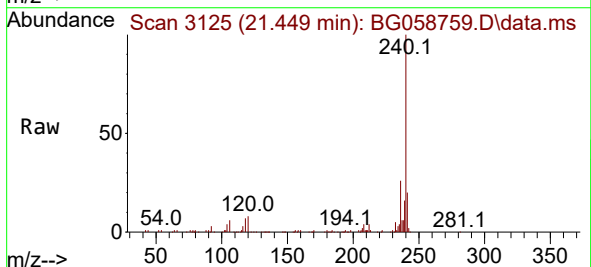
Instrument :
BNA_G
ClientSampleId :
PB154598TB

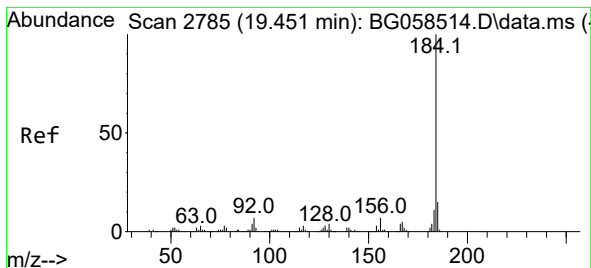
Tgt Ion:248 Resp: 11646
Ion Ratio Lower Upper
248 100
250 176.6 79.5 119.3#
141 377.6 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058759.D
Acq: 17 Aug 2023 12:34

Tgt Ion:240 Resp: 183314
Ion Ratio Lower Upper
240 100
120 8.2 7.4 11.0
236 26.3 22.2 33.4





#77

Benzidine

Concen: 5.749 ng

RT: 19.827 min Scan# 2849

Delta R.T. 0.377 min

Lab File: BG058759.D

Acq: 17 Aug 2023 12:34

Instrument :

BNA_G

ClientSampleId :

PB154598TB

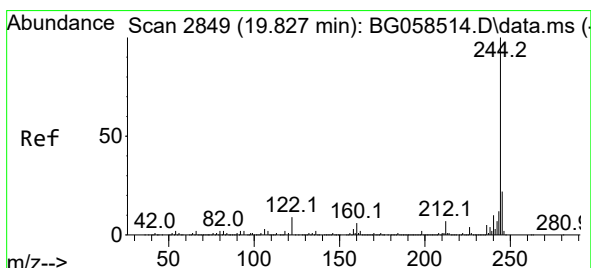
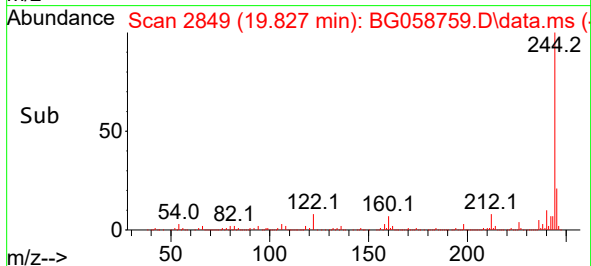
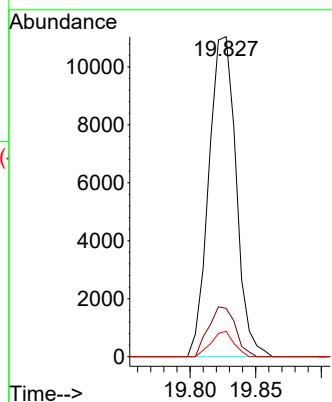
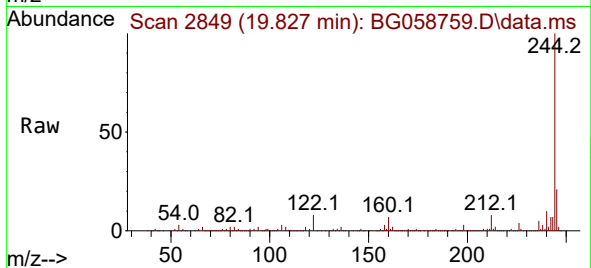
Tgt Ion:184 Resp: 15981

Ion Ratio Lower Upper

184 100

185 15.1 11.9 17.9

183 8.0 8.7 13.1#



#79

Terphenyl-d14

Concen: 113.733 ng

RT: 19.827 min Scan# 2849

Delta R.T. 0.001 min

Lab File: BG058759.D

Acq: 17 Aug 2023 12:34

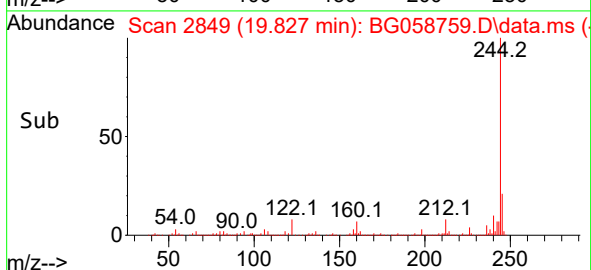
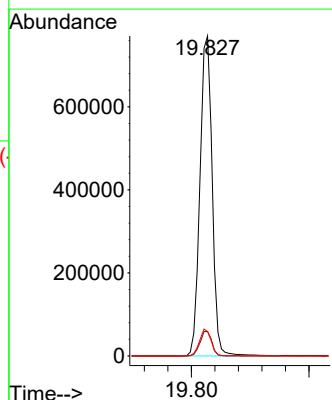
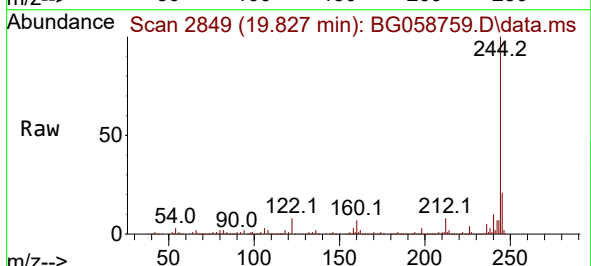
Tgt Ion:244 Resp: 1108666

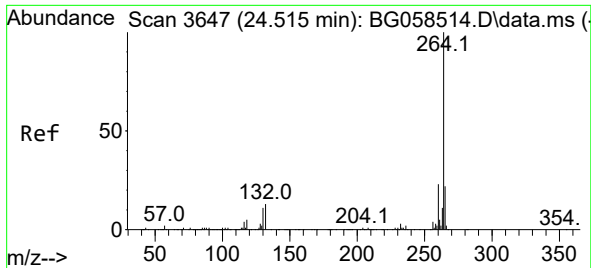
Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

122 7.6 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.528 min Scan# 30
 Delta R.T. 0.013 min
 Lab File: BG058759.D
 Acq: 17 Aug 2023 12:34

Instrument :
 BNA_G
 ClientSampleId :
 PB154598TB

Tgt Ion:264 Resp: 212169
 Ion Ratio Lower Upper
 264 100
 260 21.8 18.4 27.6
 265 20.7 17.9 26.9

