

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
 Data File : BG058558.D
 Acq On : 1 Aug 2023 11:56
 Operator : MA/JU
 Sample : 03769-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-P30B

Quant Time: Aug 01 19:01:28 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)

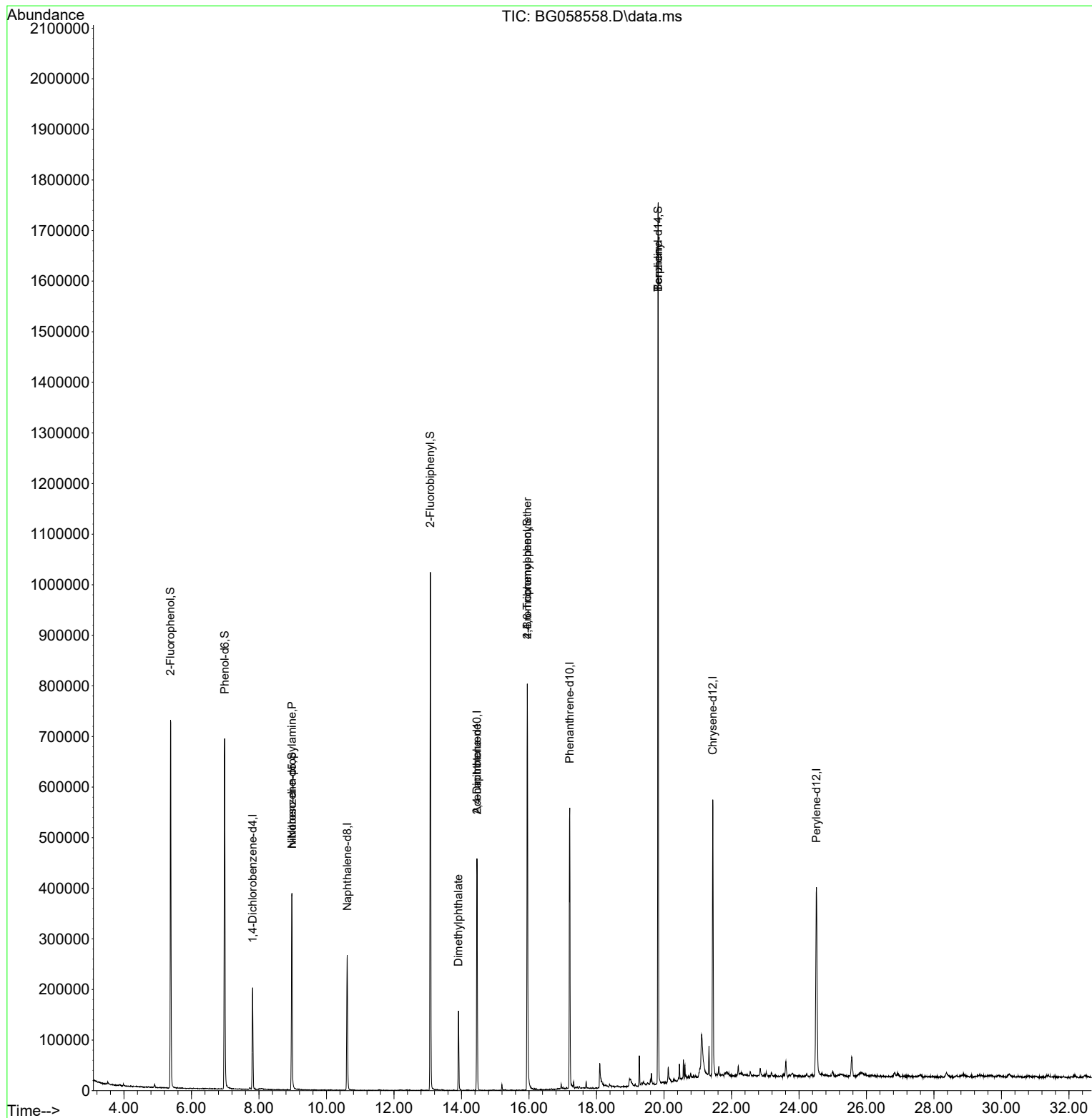
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	55454	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	237898	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	167886	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	375596	20.000	ng	0.00
76) Chrysene-d12	21.444	240	327804	20.000	ng	0.00
86) Perylene-d12	24.517	264	403166	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	318386	87.756	ng	0.00
7) Phenol-d6	6.984	99	430709	85.315	ng	0.00
23) Nitrobenzene-d5	8.976	82	252044	52.046	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	188273	68.419	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	586637	52.365	ng	0.00
79) Terphenyl-d14	19.828	244	951930	54.610	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.976	70	31275	9.591	ng	# 77
50) Dimethylphthalate	13.911	163	109091	8.652	ng	# 98
57) 2,4-Dinitrotoluene	14.458	165	21911	5.713	ng	# 25
67) 4-Bromophenyl-phenylether	15.950	248	12315	2.891	ng	# 1
77) Benzidine	19.828	184	11618	2.337	ng	# 90

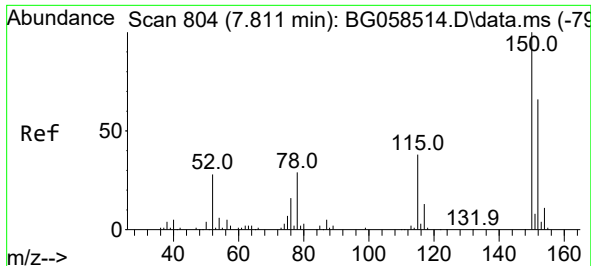
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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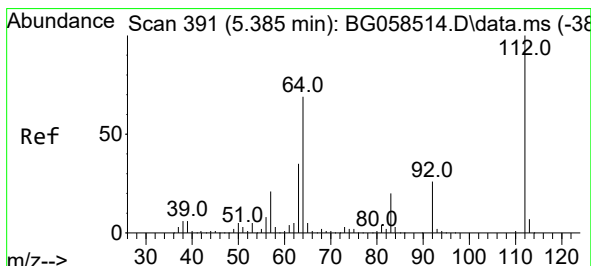
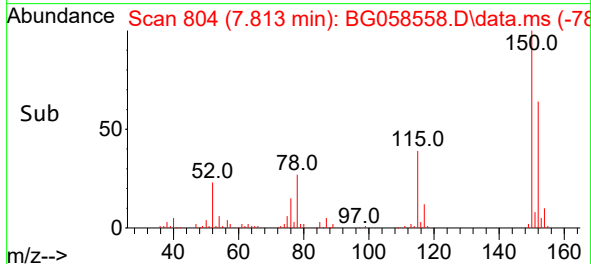
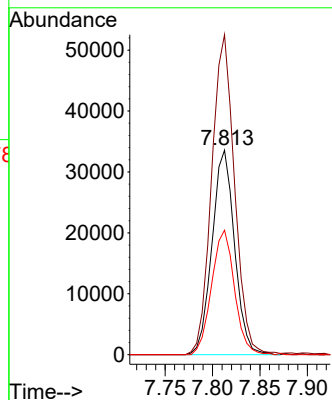
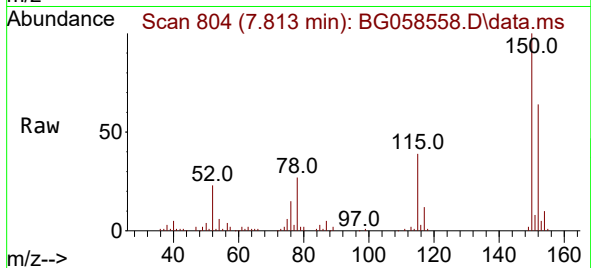




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.813 min Scan# 804
Delta R.T. 0.002 min
Lab File: BG058558.D
Acq: 1 Aug 2023 11:56

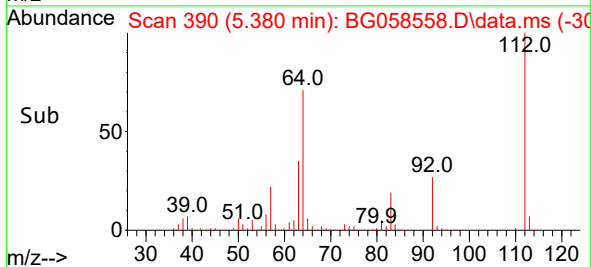
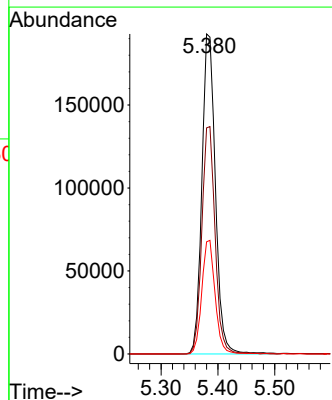
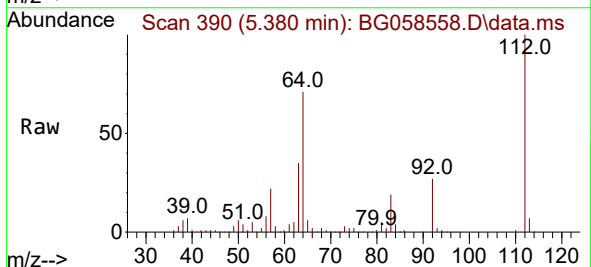
Instrument :
BNA_G
ClientSampleId :
B-P30B

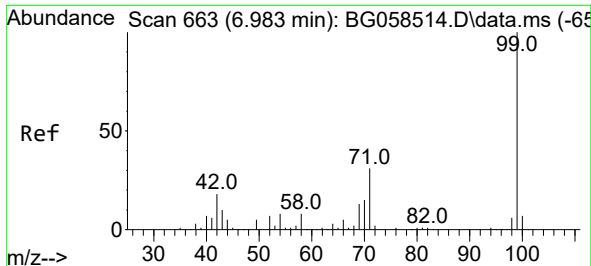
Tgt Ion:152 Resp: 55454
Ion Ratio Lower Upper
152 100
150 156.5 120.5 180.7
115 60.9 45.9 68.9



#5
2-Fluorophenol
Concen: 87.756 ng
RT: 5.380 min Scan# 390
Delta R.T. -0.005 min
Lab File: BG058558.D
Acq: 1 Aug 2023 11:56

Tgt Ion:112 Resp: 318386
Ion Ratio Lower Upper
112 100
64 70.6 55.3 82.9
63 35.0 28.3 42.5

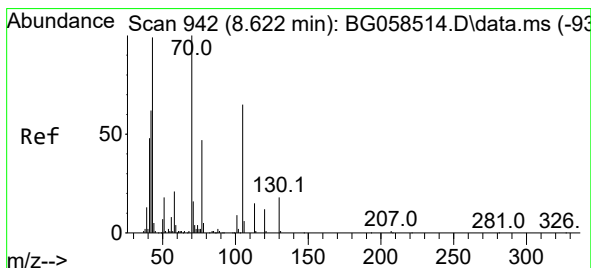
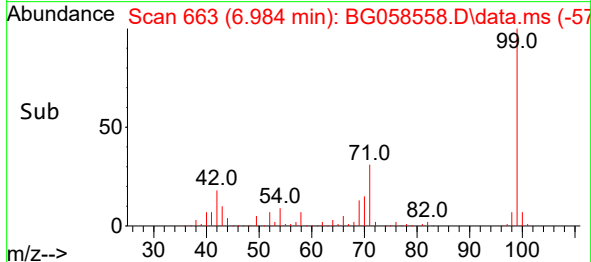
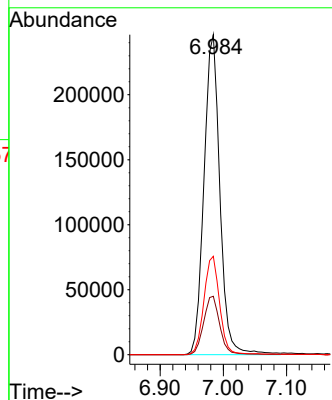
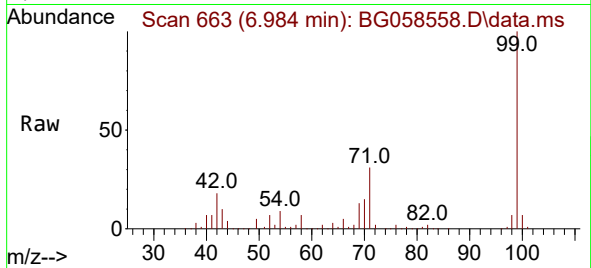




#7
Phenol-d6
Concen: 85.315 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058558.D
Acq: 1 Aug 2023 11:56

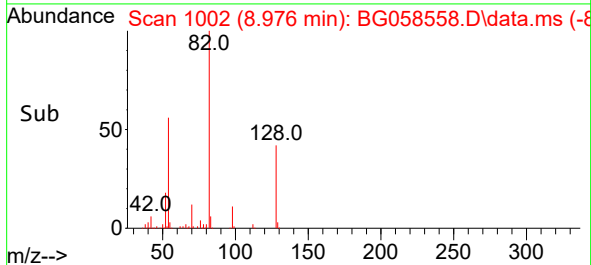
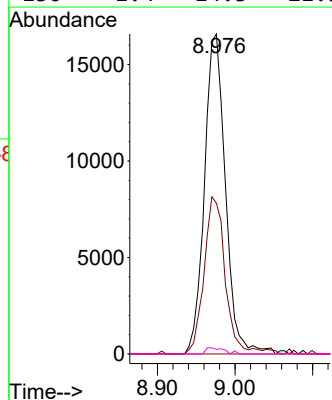
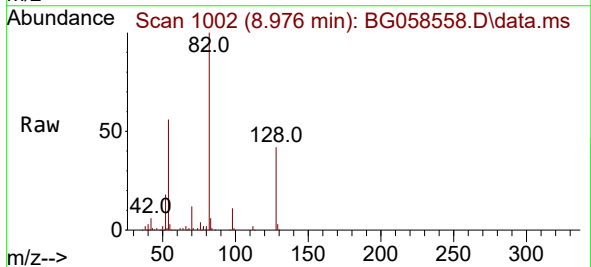
Instrument :
BNA_G
ClientSampleId :
B-P30B

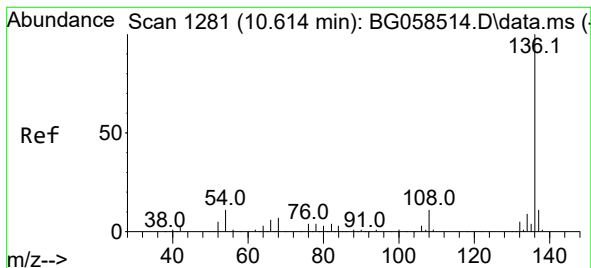
Tgt Ion: 99 Resp: 430709
Ion Ratio Lower Upper
99 100
42 18.3 14.6 21.8
71 30.7 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.591 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.354 min
Lab File: BG058558.D
Acq: 1 Aug 2023 11:56

Tgt Ion: 70 Resp: 31275
Ion Ratio Lower Upper
70 100
42 47.2 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: BG058558.D

Acq: 1 Aug 2023 11:56

Instrument :

BNA_G

ClientSampleId :

B-P30B

Tgt Ion:136 Resp: 237898

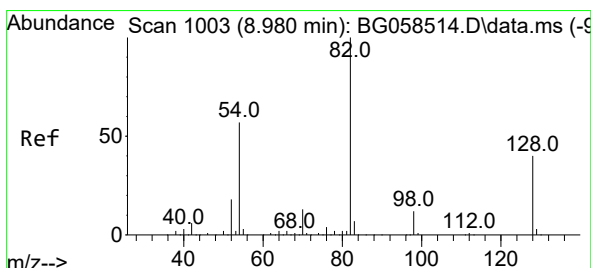
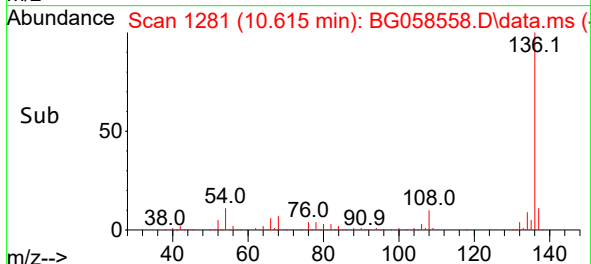
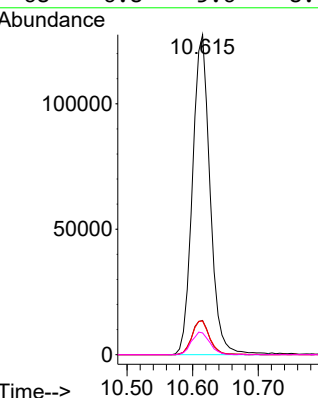
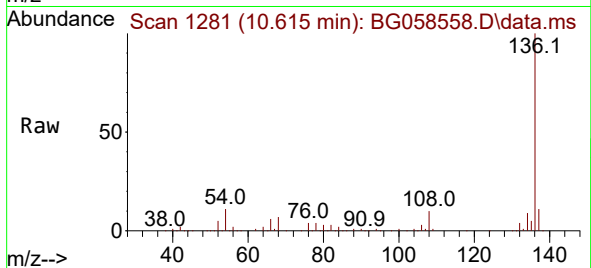
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 10.5 8.9 13.3

68 6.8 5.6 8.4



#23

Nitrobenzene-d5

Concen: 52.046 ng

RT: 8.976 min Scan# 1002

Delta R.T. -0.005 min

Lab File: BG058558.D

Acq: 1 Aug 2023 11:56

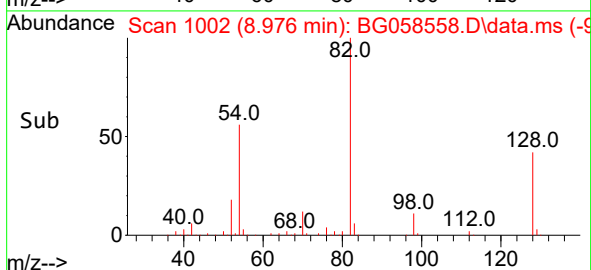
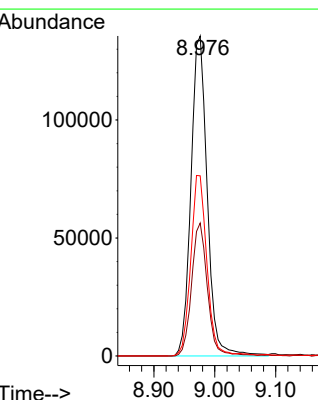
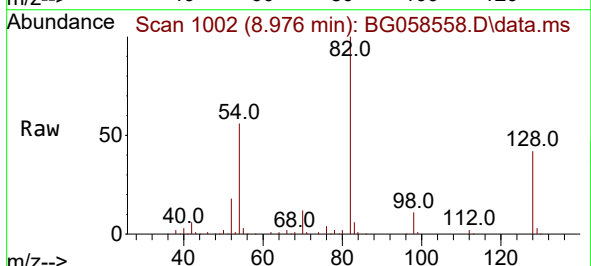
Tgt Ion: 82 Resp: 252044

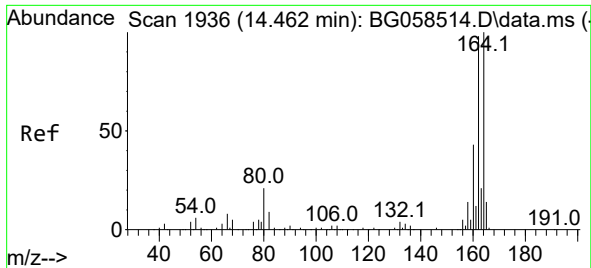
Ion Ratio Lower Upper

82 100

128 41.6 32.2 48.2

54 56.3 46.0 69.0

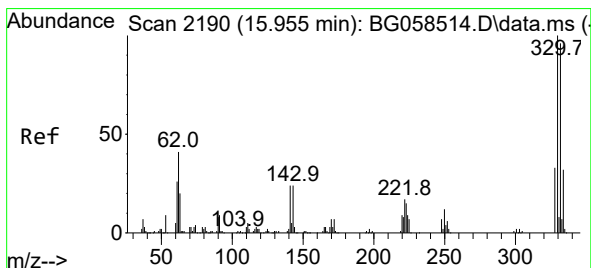
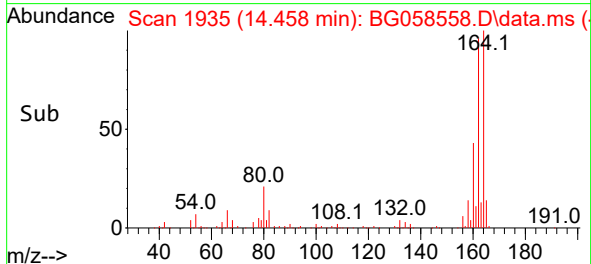
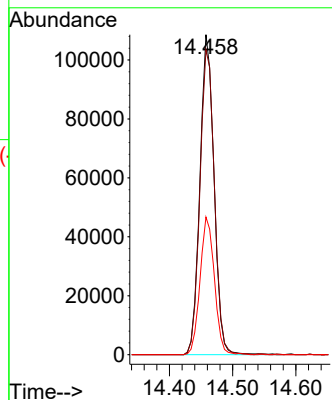
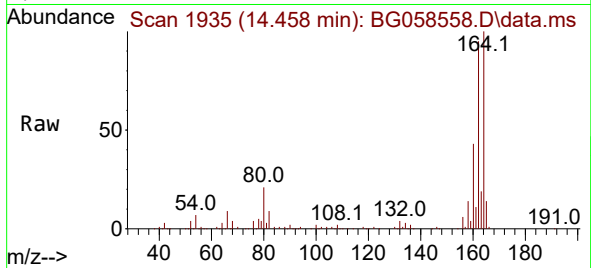




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.458 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058558.D
Acq: 1 Aug 2023 11:56

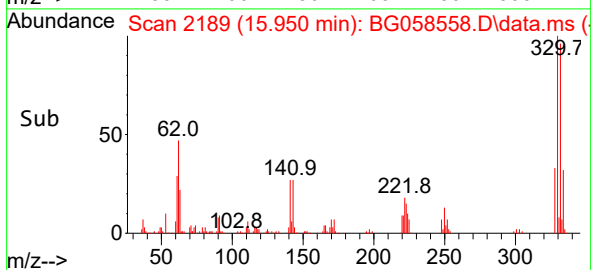
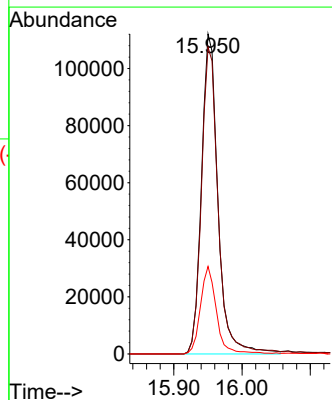
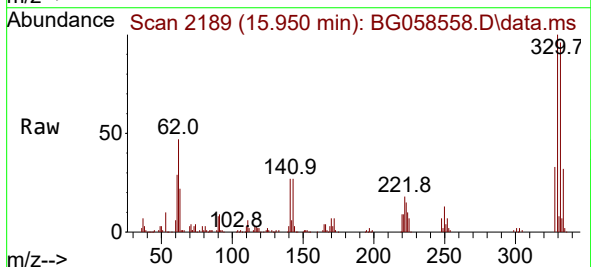
Instrument :
BNA_G
ClientSampleId :
B-P30B

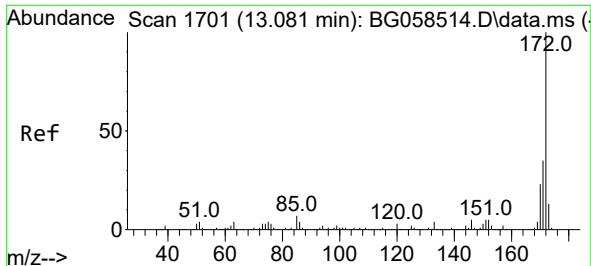
Tgt Ion:164 Resp: 167886
Ion Ratio Lower Upper
164 100
162 95.2 78.3 117.5
160 43.0 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 68.419 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BG058558.D
Acq: 1 Aug 2023 11:56

Tgt Ion:330 Resp: 188273
Ion Ratio Lower Upper
330 100
332 97.7 77.5 116.3
141 26.5 20.7 31.1

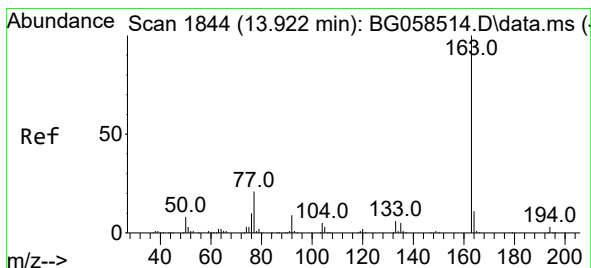
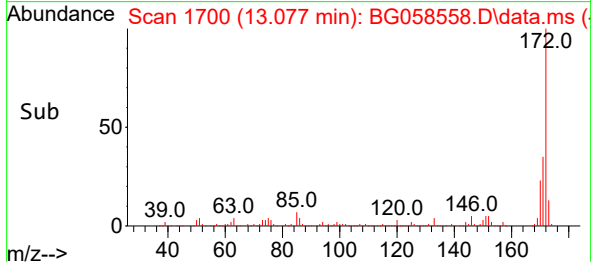
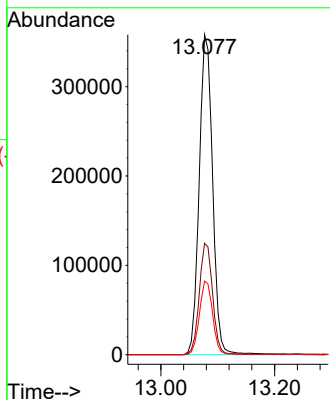
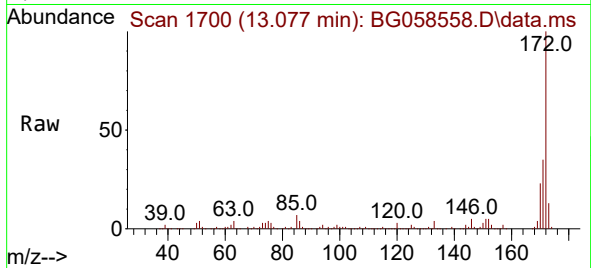




#45
2-Fluorobiphenyl
Concen: 52.365 ng
RT: 13.077 min Scan# 1700
Delta R.T. -0.005 min
Lab File: BG058558.D
Acq: 1 Aug 2023 11:56

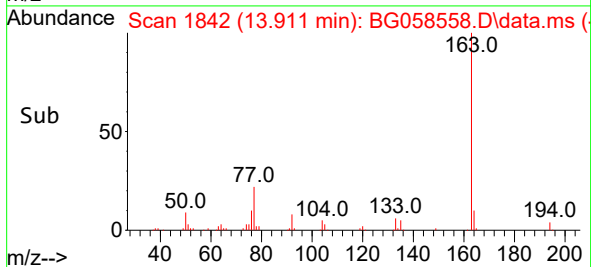
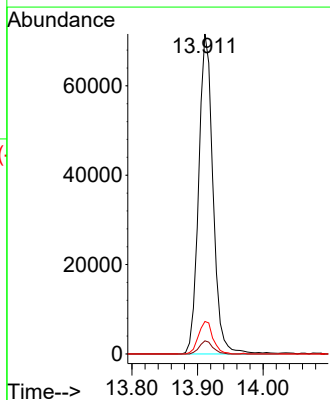
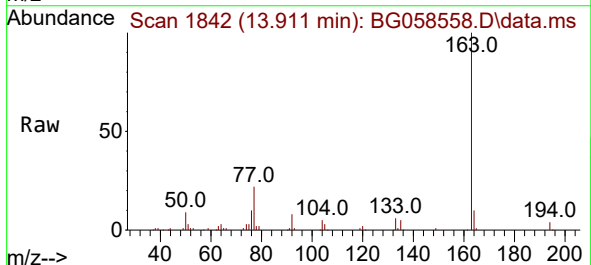
Instrument :
BNA_G
ClientSampleId :
B-P30B

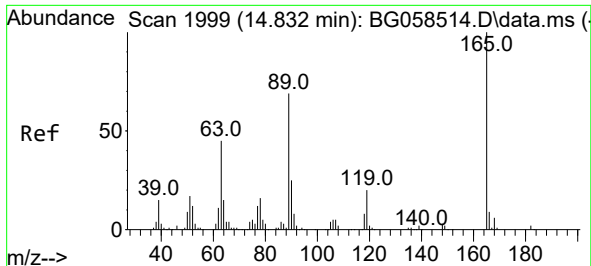
Tgt Ion:172 Resp: 586637
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.0 18.4 27.6



#50
Dimethylphthalate
Concen: 8.652 ng
RT: 13.911 min Scan# 1842
Delta R.T. -0.010 min
Lab File: BG058558.D
Acq: 1 Aug 2023 11:56

Tgt Ion:163 Resp: 109091
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.2 8.6 12.8





#57

2,4-Dinitrotoluene

Concen: 5.713 ng

RT: 14.458 min Scan# 1999

Delta R.T. -0.374 min

Lab File: BG058558.D

Acq: 1 Aug 2023 11:56

Instrument :

BNA_G

ClientSampleId :

B-P30B

Tgt Ion:165 Resp: 21911

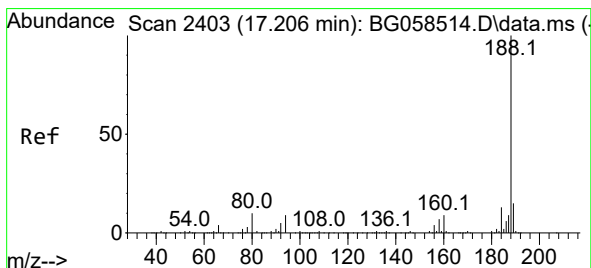
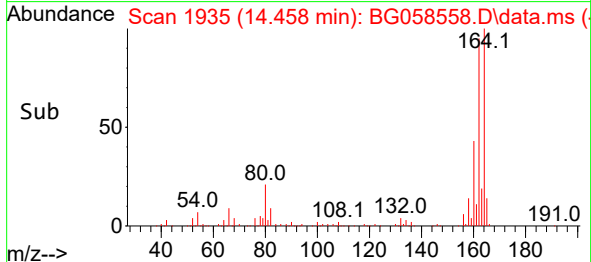
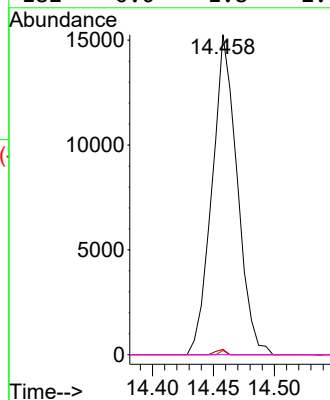
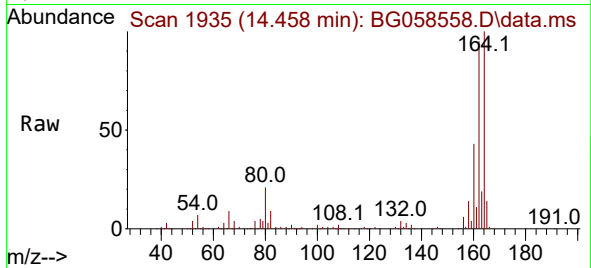
Ion Ratio Lower Upper

165 100

63 1.7 36.6 54.8#

89 1.3 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: BG058558.D

Acq: 1 Aug 2023 11:56

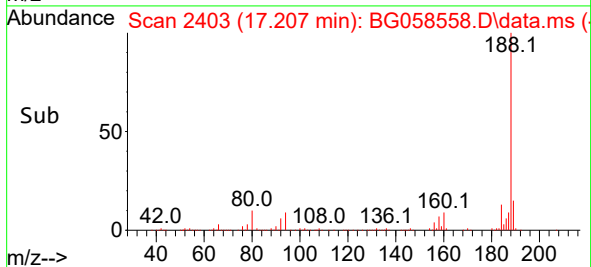
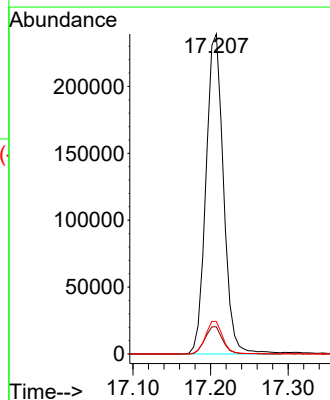
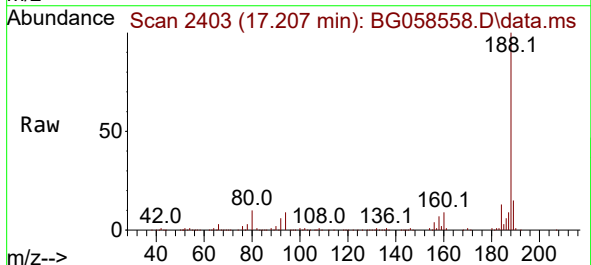
Tgt Ion:188 Resp: 375596

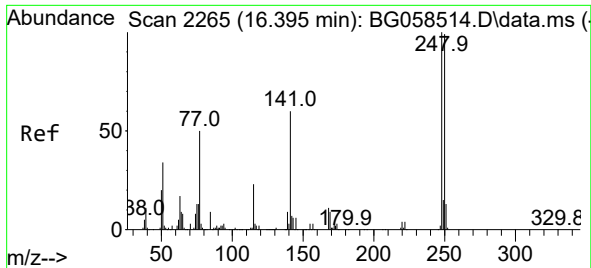
Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

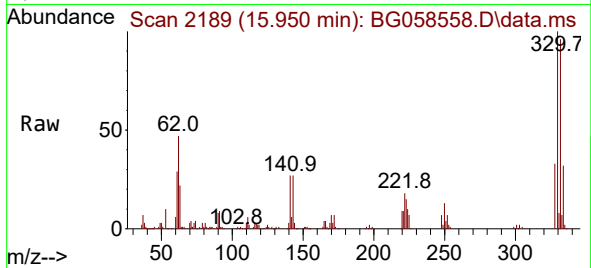
80 10.1 8.1 12.1



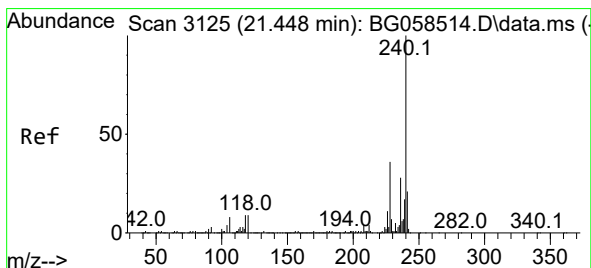
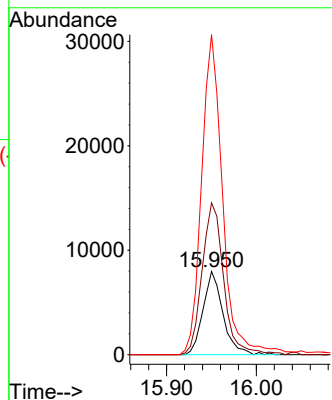
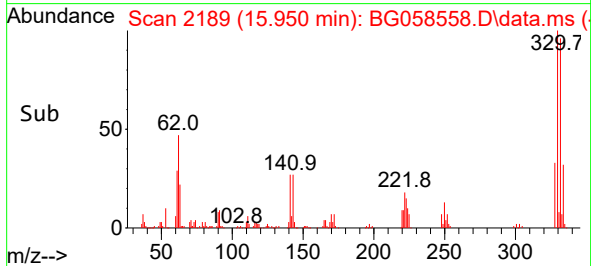


#67
4-Bromophenyl-phenylether
Concen: 2.891 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.445 min
Lab File: BG058558.D
Acq: 1 Aug 2023 11:56

Instrument :
BNA_G
ClientSampleId :
B-P30B

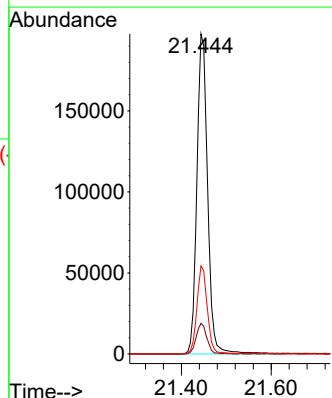
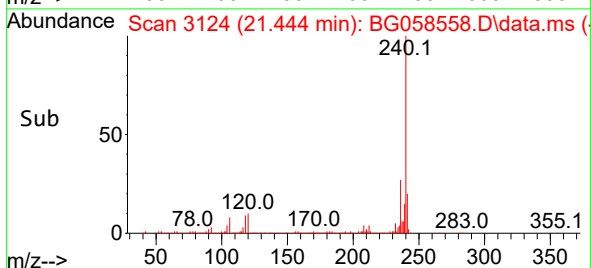
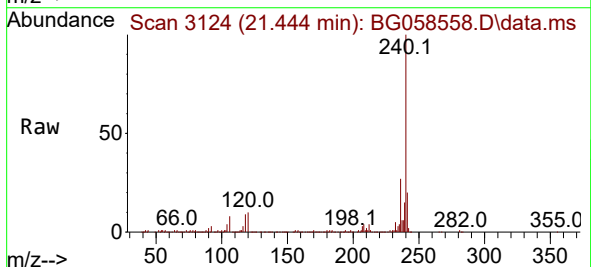


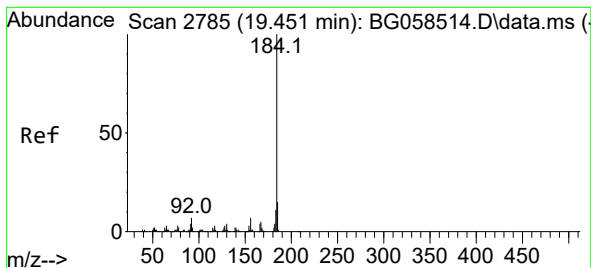
Tgt Ion:248 Resp: 12315
Ion Ratio Lower Upper
248 100
250 182.4 79.5 119.3#
141 384.5 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3124
Delta R.T. -0.004 min
Lab File: BG058558.D
Acq: 1 Aug 2023 11:56

Tgt Ion:240 Resp: 327804
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.0
236 27.5 22.2 33.4





#77

Benzidine

Concen: 2.337 ng

RT: 19.828 min Scan# 2849

Delta R.T. 0.377 min

Lab File: BG058558.D

Acq: 1 Aug 2023 11:56

Instrument :

BNA_G

ClientSampleId :

B-P30B

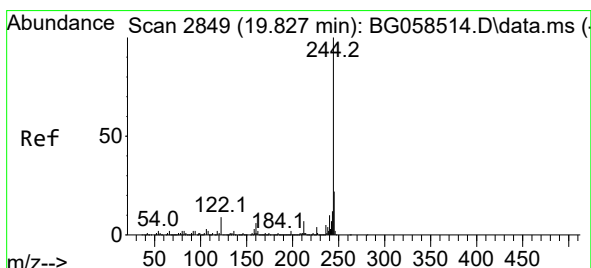
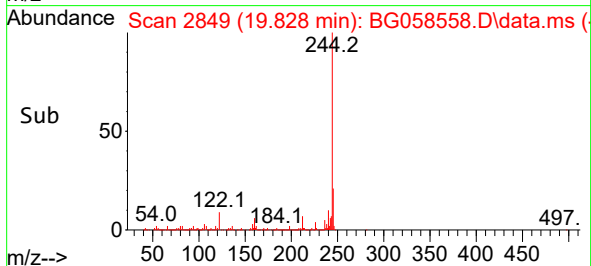
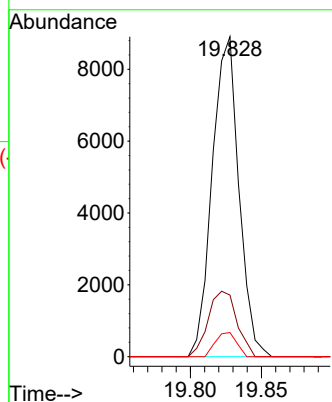
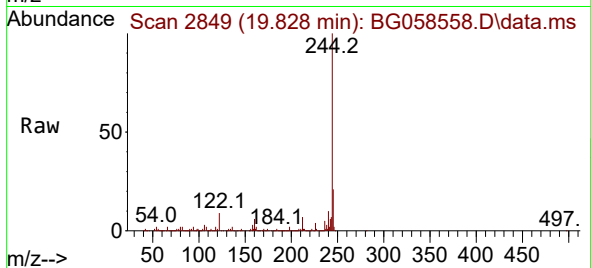
Tgt Ion:184 Resp: 11618

Ion Ratio Lower Upper

184 100

185 19.2 11.9 17.9#

183 7.5 8.7 13.1#



#79

Terphenyl-d14

Concen: 54.610 ng

RT: 19.828 min Scan# 2849

Delta R.T. 0.001 min

Lab File: BG058558.D

Acq: 1 Aug 2023 11:56

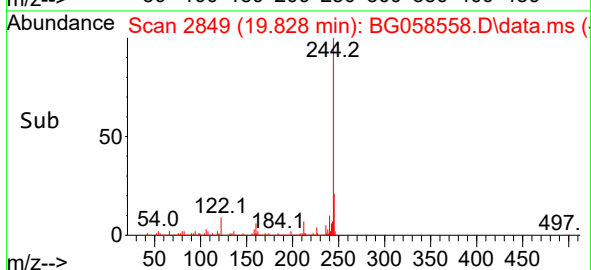
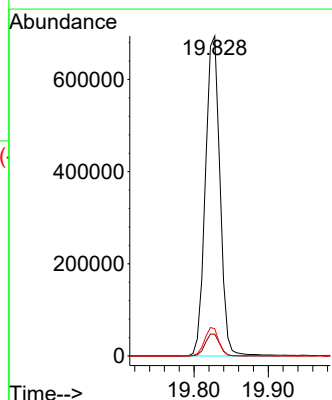
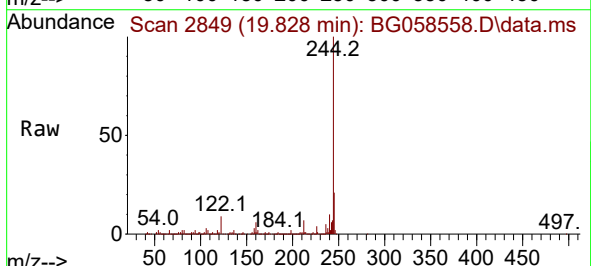
Tgt Ion:244 Resp: 951930

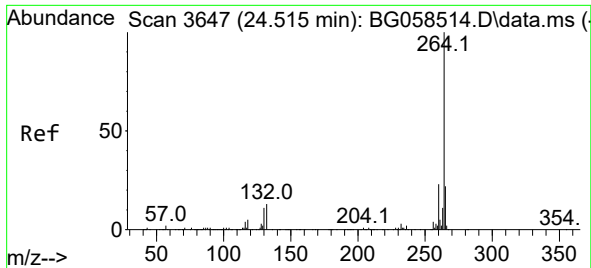
Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

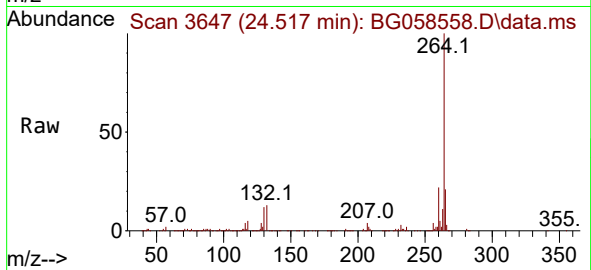
122 8.5 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.517 min Scan# 30
 Delta R.T. 0.001 min
 Lab File: BG058558.D
 Acq: 1 Aug 2023 11:56

Instrument :
 BNA_G
 ClientSampleId :
 B-P30B



Tgt Ion:264 Resp: 403166
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.4 27.6
 265 20.9 17.9 26.9

