

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041123\
 Data File : BG057051.D
 Acq On : 11 Apr 2023 12:53
 Operator : CG/JU
 Sample : PB152035BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152035BL

Quant Time: Apr 12 04:39:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

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

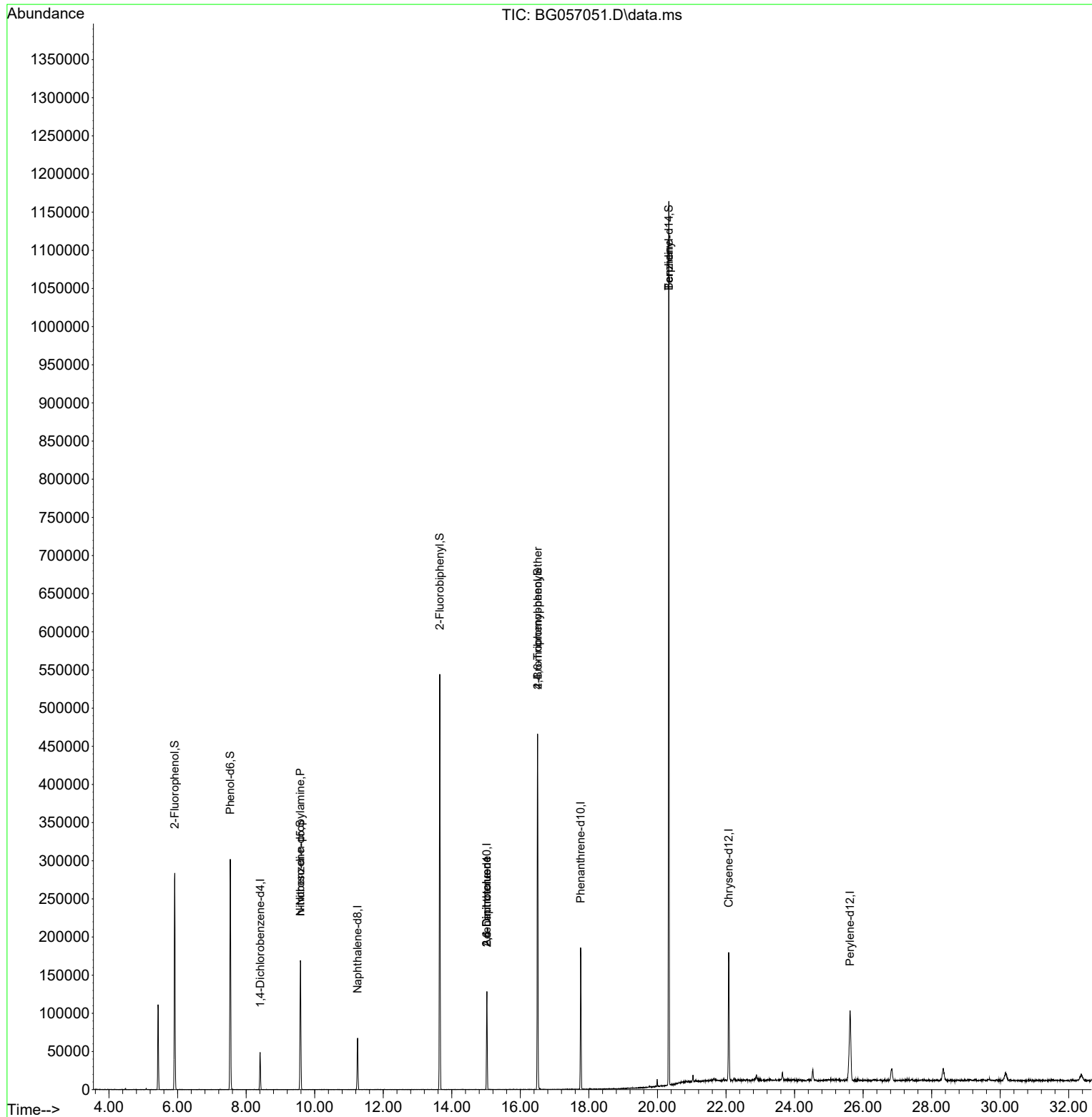
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.408	152	13443	20.000	ng	0.00
21) Naphthalene-d8	11.252	136	56829	20.000	ng	0.00
39) Acenaphthene-d10	15.023	164	47085	20.000	ng	0.00
64) Phenanthrene-d10	17.760	188	119399	20.000	ng	0.00
76) Chrysene-d12	22.078	240	105869	20.000	ng	0.00
86) Perylene-d12	25.620	264	111094	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	120729	143.733	ng	0.00
7) Phenol-d6	7.539	99	171750	136.716	ng	0.00
23) Nitrobenzene-d5	9.583	82	111898	80.568	ng	0.00
42) 2,4,6-Tribromophenol	16.503	330	94003	124.971	ng	0.00
45) 2-Fluorobiphenyl	13.648	172	279030	80.358	ng	0.00
79) Terphenyl-d14	20.333	244	581969	93.019	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.583	70	15330	17.061	ng	# 77
51) 2,6-Dinitrotoluene	15.023	165	5920	7.385	ng	# 18
57) 2,4-Dinitrotoluene	15.023	165	5920	5.236	ng	# 18
67) 4-Bromophenyl-phenylether	16.503	248	5812	3.934	ng	# 1
77) Benzidine	20.333	184	9052	3.128	ng	# 75

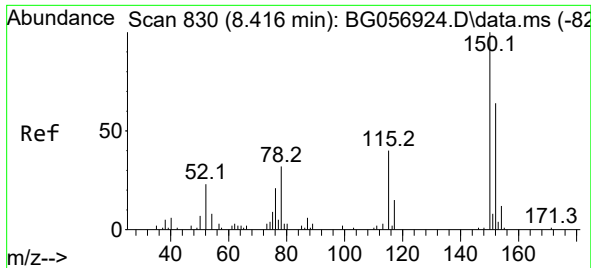
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 08 04:45:47 2023
Response via : Initial Calibration

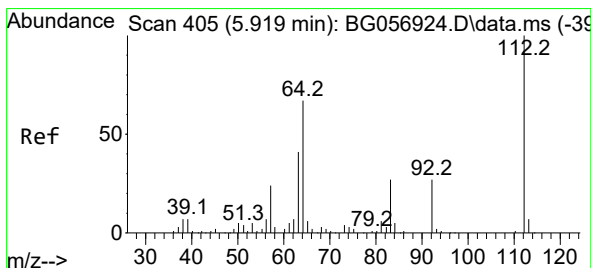
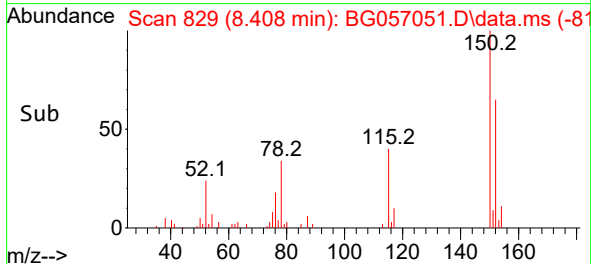
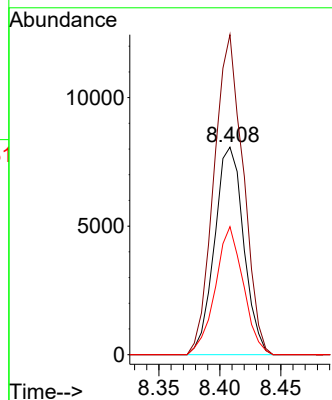
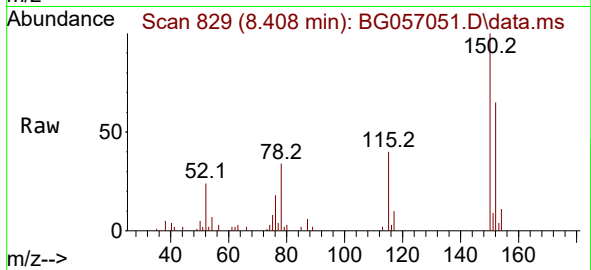




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.408 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG057051.D
Acq: 11 Apr 2023 12:53

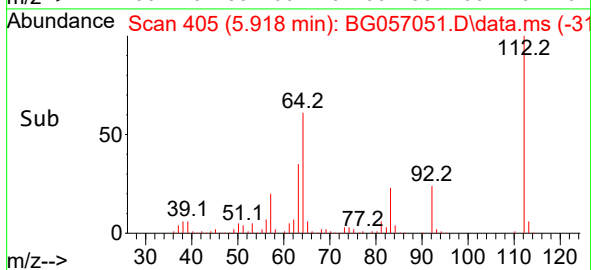
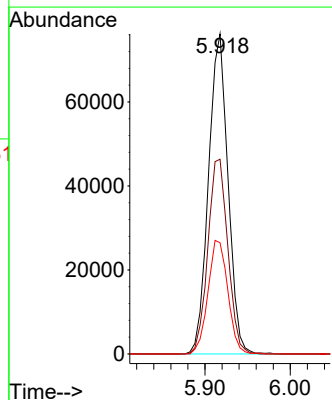
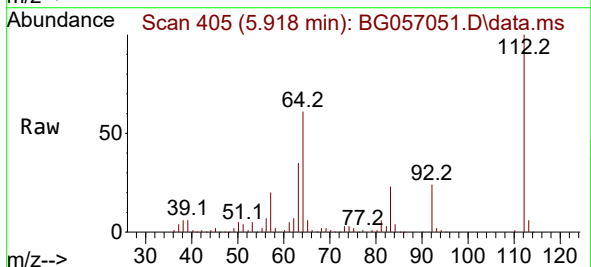
Instrument :
BNA_G
ClientSampleId :
PB152035BL

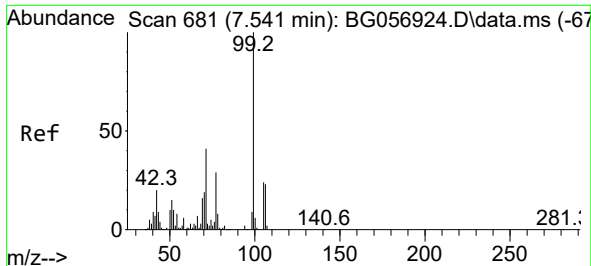
Tgt Ion:152 Resp: 13443
Ion Ratio Lower Upper
152 100
150 154.2 124.1 186.1
115 61.6 49.1 73.7



#5
2-Fluorophenol
Concen: 143.733 ng
RT: 5.918 min Scan# 405
Delta R.T. 0.001 min
Lab File: BG057051.D
Acq: 11 Apr 2023 12:53

Tgt Ion:112 Resp: 120729
Ion Ratio Lower Upper
112 100
64 60.9 53.2 79.8
63 34.7 32.6 48.8

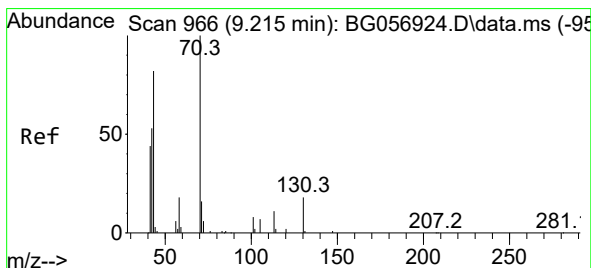
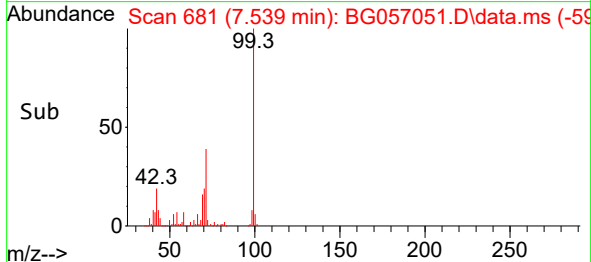
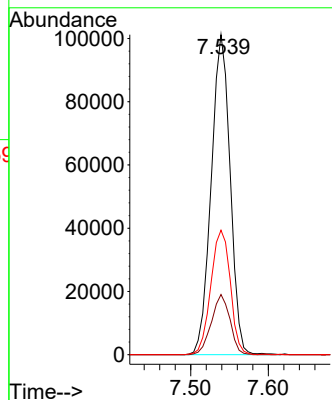
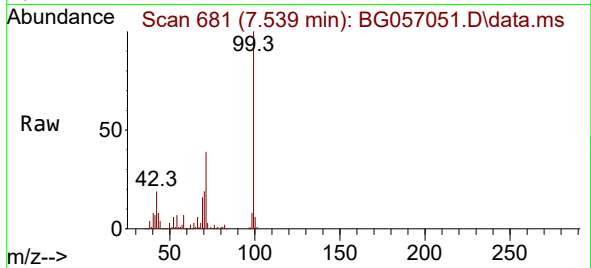




#7
Phenol-d6
Concen: 136.716 ng
RT: 7.539 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057051.D
Acq: 11 Apr 2023 12:53

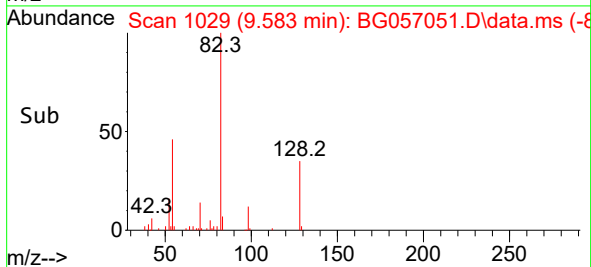
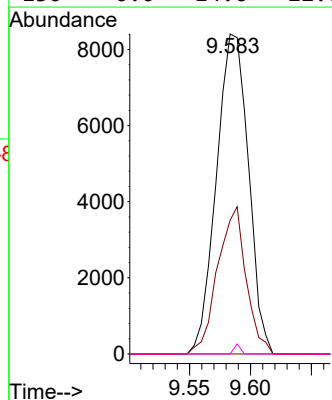
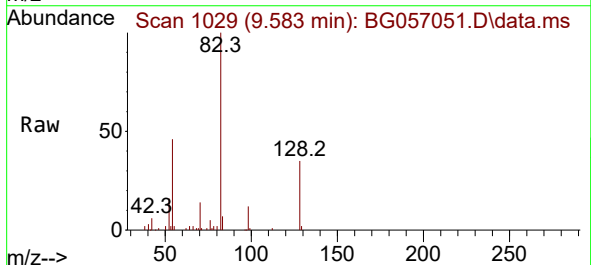
Instrument :
BNA_G
ClientSampleId :
PB152035BL

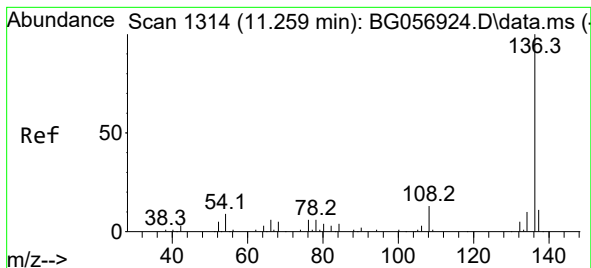
Tgt Ion: 99 Resp: 171750
Ion Ratio Lower Upper
99 100
42 18.8 15.7 23.5
71 38.9 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.061 ng
RT: 9.583 min Scan# 1029
Delta R.T. 0.371 min
Lab File: BG057051.D
Acq: 11 Apr 2023 12:53

Tgt Ion: 70 Resp: 15330
Ion Ratio Lower Upper
70 100
42 41.8 43.4 65.0#
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.252 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG057051.D

Acq: 11 Apr 2023 12:53

Instrument :

BNA_G

ClientSampleId :

PB152035BL

Tgt Ion:136 Resp: 56829

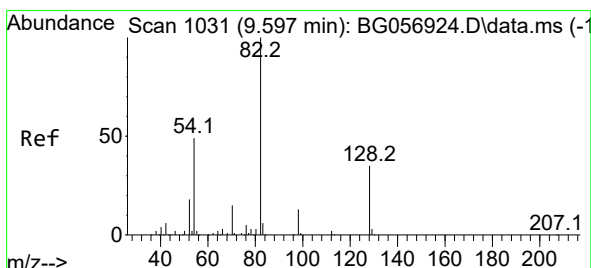
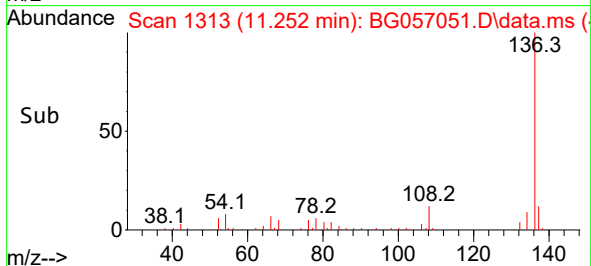
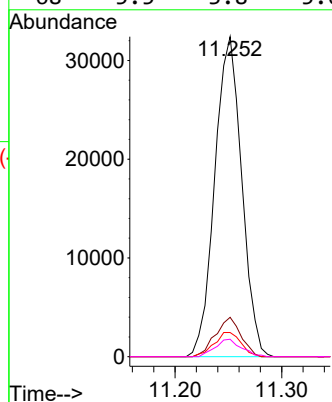
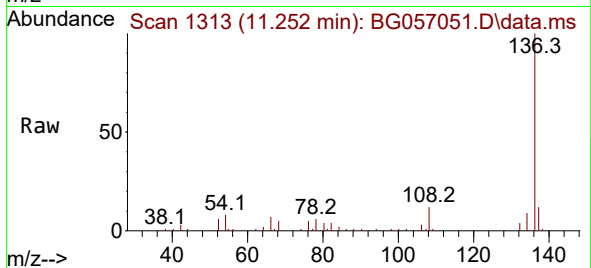
Ion Ratio Lower Upper

136 100

137 12.3 8.6 13.0

54 7.5 6.9 10.3

68 5.5 3.8 5.6



#23

Nitrobenzene-d5

Concen: 80.568 ng

RT: 9.583 min Scan# 1029

Delta R.T. -0.005 min

Lab File: BG057051.D

Acq: 11 Apr 2023 12:53

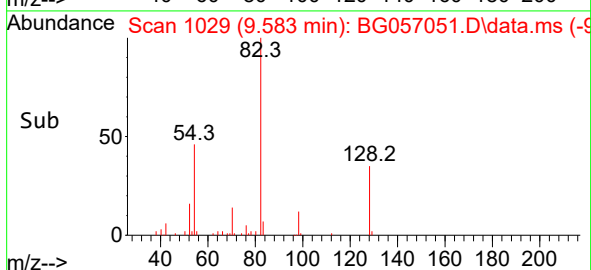
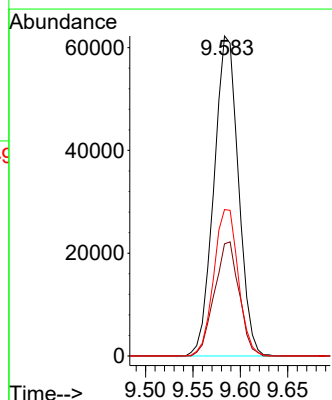
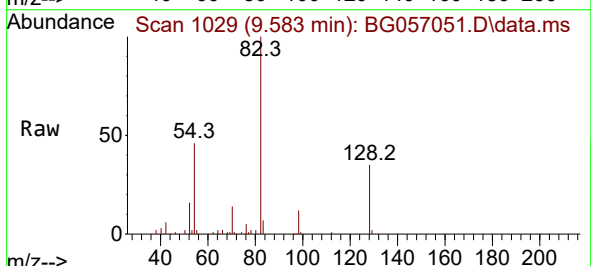
Tgt Ion: 82 Resp: 111898

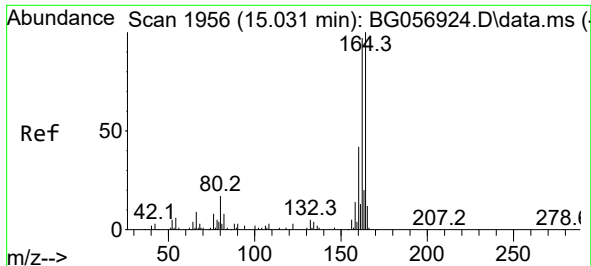
Ion Ratio Lower Upper

82 100

128 35.0 27.9 41.9

54 45.8 39.4 59.2

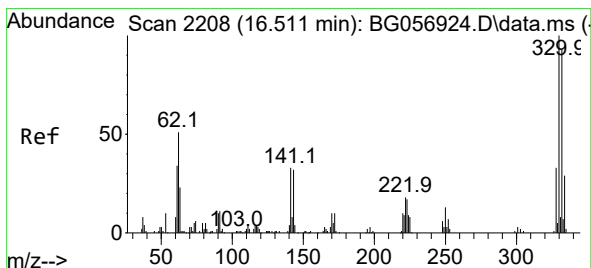
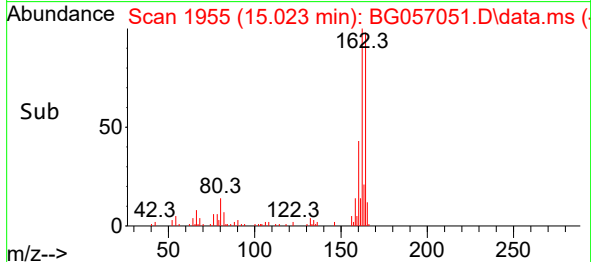
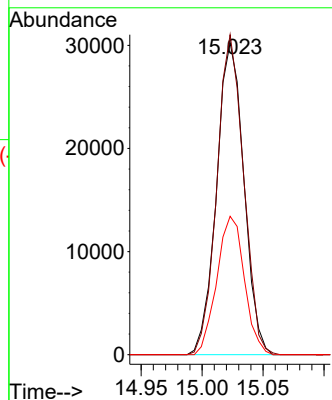
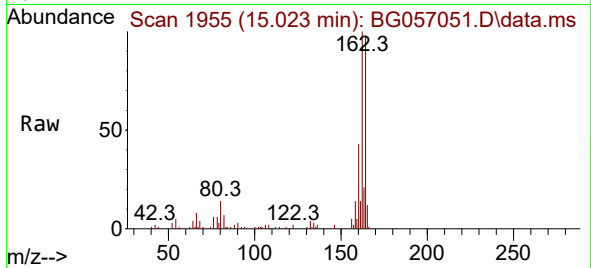




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.023 min Scan# 1955
Delta R.T. 0.001 min
Lab File: BG057051.D
Acq: 11 Apr 2023 12:53

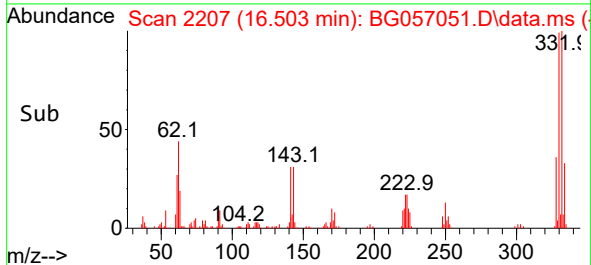
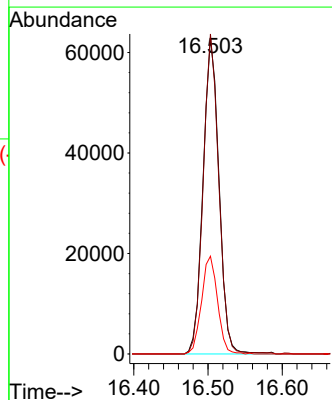
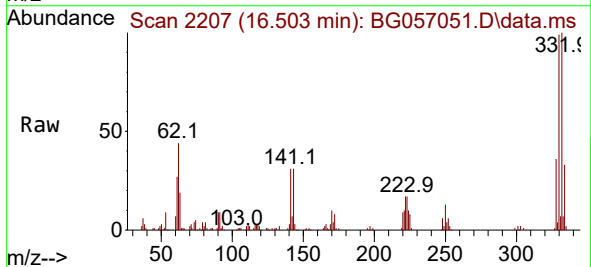
Instrument :
BNA_G
ClientSampleId :
PB152035BL

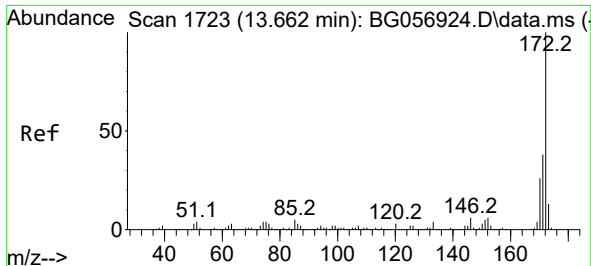
Tgt Ion:164 Resp: 47085
Ion Ratio Lower Upper
164 100
162 102.5 77.8 116.8
160 44.4 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 124.971 ng
RT: 16.503 min Scan# 2207
Delta R.T. 0.001 min
Lab File: BG057051.D
Acq: 11 Apr 2023 12:53

Tgt Ion:330 Resp: 94003
Ion Ratio Lower Upper
330 100
332 98.7 76.1 114.1
141 31.0 25.8 38.6

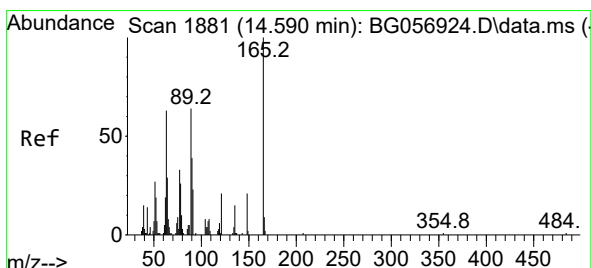
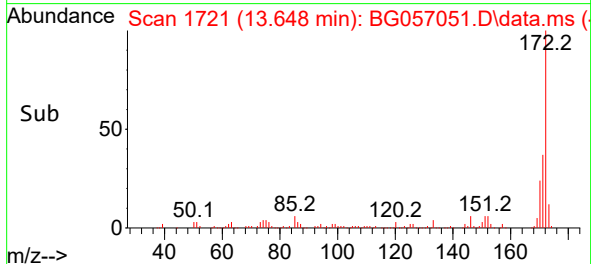
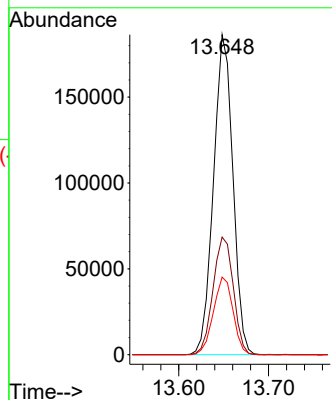
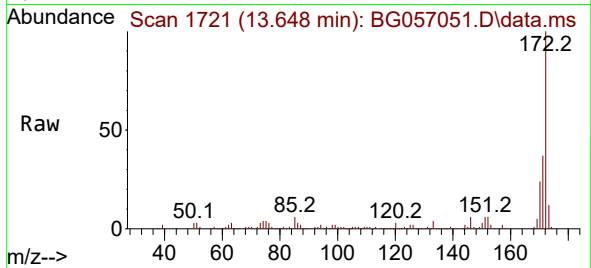




#45
2-Fluorobiphenyl
Concen: 80.358 ng
RT: 13.648 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG057051.D
Acq: 11 Apr 2023 12:53

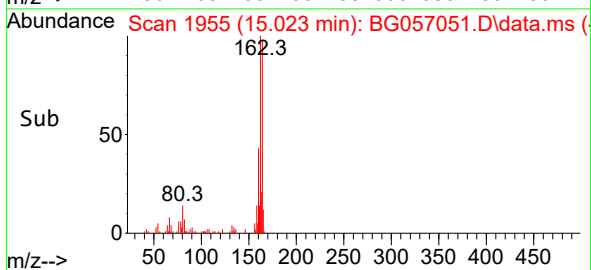
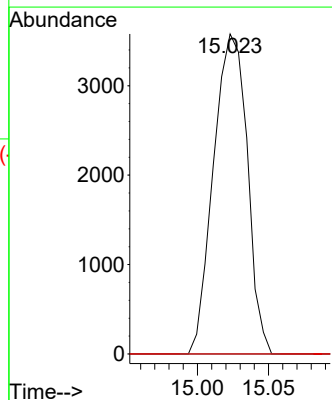
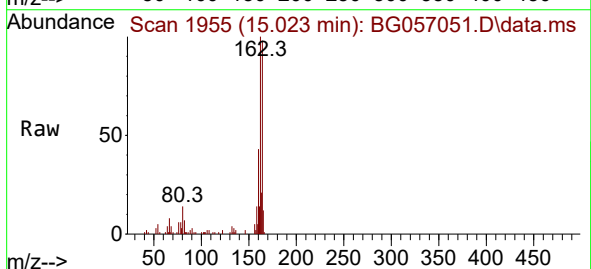
Instrument :
BNA_G
ClientSampleId :
PB152035BL

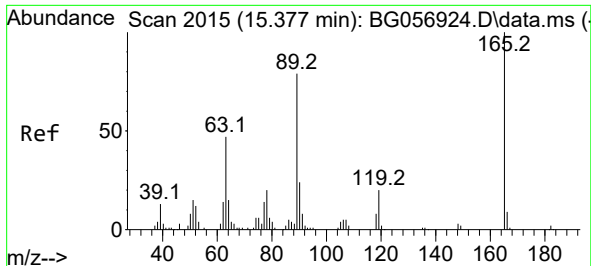
Tgt Ion:172 Resp: 279030
Ion Ratio Lower Upper
172 100
171 36.7 30.6 46.0
170 24.3 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.385 ng
RT: 15.023 min Scan# 1955
Delta R.T. 0.435 min
Lab File: BG057051.D
Acq: 11 Apr 2023 12:53

Tgt Ion:165 Resp: 5920
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.236 ng

RT: 15.023 min Scan# 1955

Delta R.T. -0.346 min

Lab File: BG057051.D

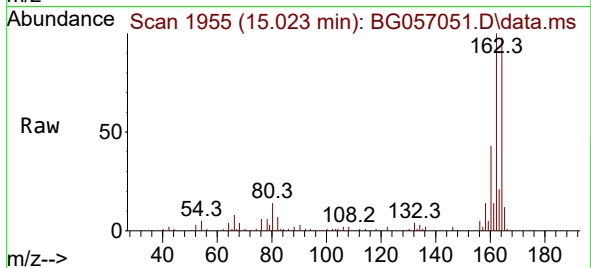
Acq: 11 Apr 2023 12:53

Instrument :

BNA_G

ClientSampleId :

PB152035BL



Tgt Ion:165 Resp: 5920

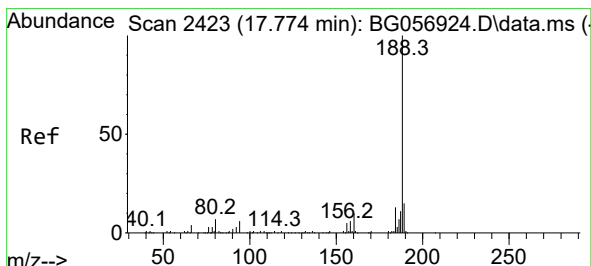
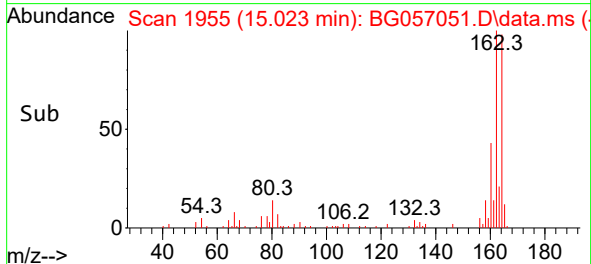
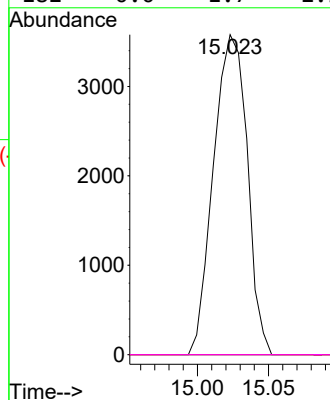
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 0.0 63.2 94.8#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.760 min Scan# 2421

Delta R.T. 0.001 min

Lab File: BG057051.D

Acq: 11 Apr 2023 12:53

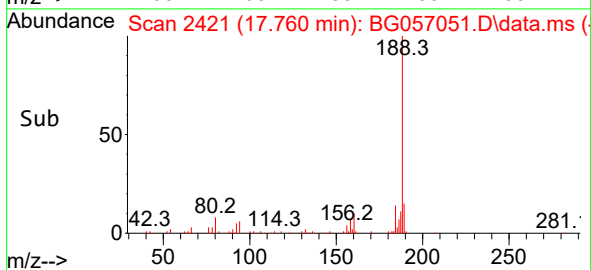
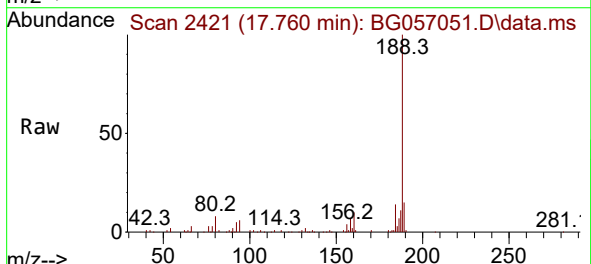
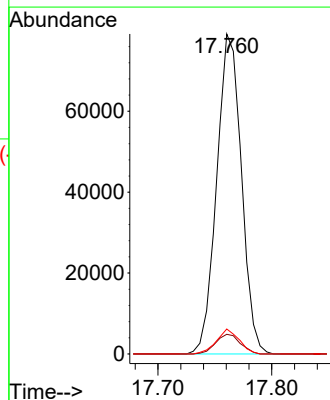
Tgt Ion:188 Resp: 119399

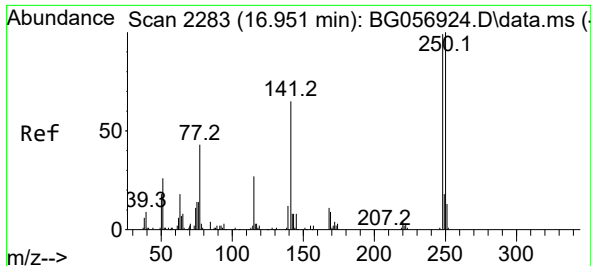
Ion Ratio Lower Upper

188 100

94 6.2 4.6 6.8

80 7.8 5.5 8.3

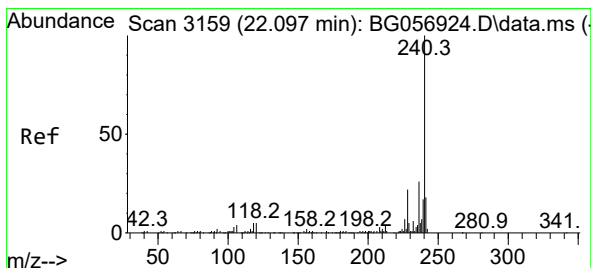
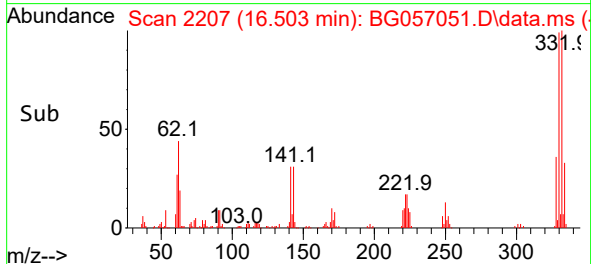
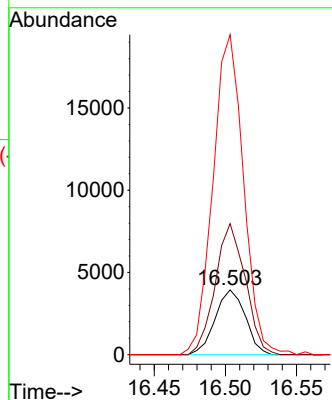
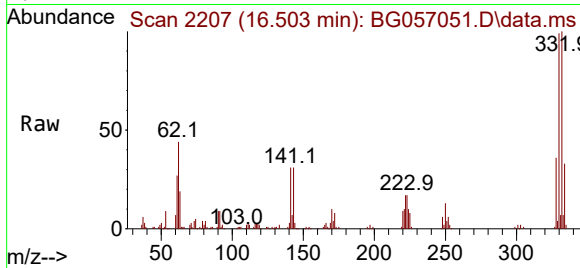




#67
4-Bromophenyl-phenylether
Concen: 3.934 ng
RT: 16.503 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG057051.D
Acq: 11 Apr 2023 12:53

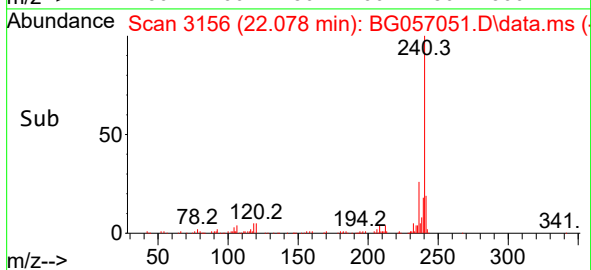
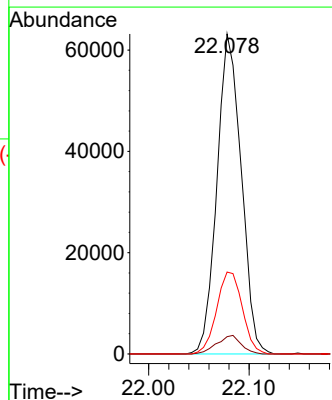
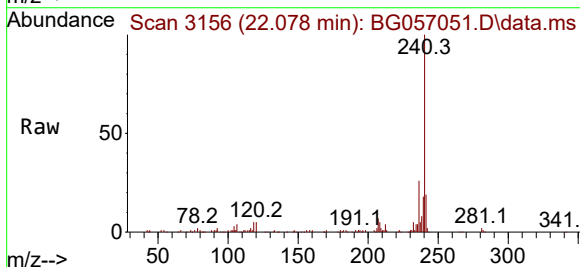
Instrument :
BNA_G
ClientSampleId :
PB152035BL

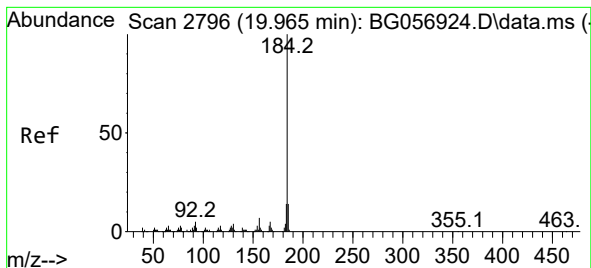
Tgt Ion:248 Resp: 5812
Ion Ratio Lower Upper
248 100
250 202.1 80.5 120.7#
141 493.7 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.078 min Scan# 3156
Delta R.T. -0.005 min
Lab File: BG057051.D
Acq: 11 Apr 2023 12:53

Tgt Ion:240 Resp: 105869
Ion Ratio Lower Upper
240 100
120 5.4 3.8 5.6
236 25.6 21.0 31.6





#77

Benzidine

Concen: 3.128 ng

RT: 20.333 min Scan# 2859

Delta R.T. 0.382 min

Lab File: BG057051.D

Acq: 11 Apr 2023 12:53

Instrument :

BNA_G

ClientSampleId :

PB152035BL

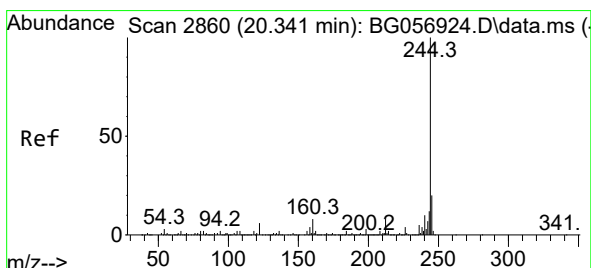
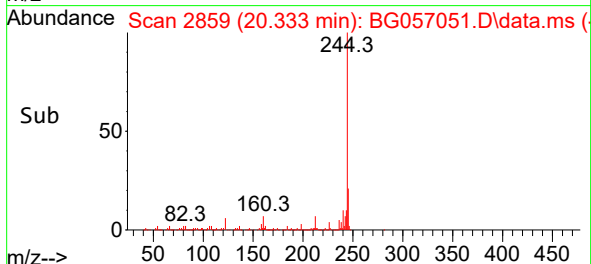
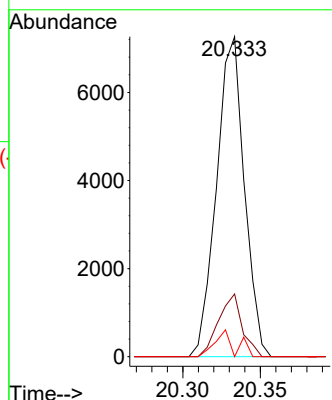
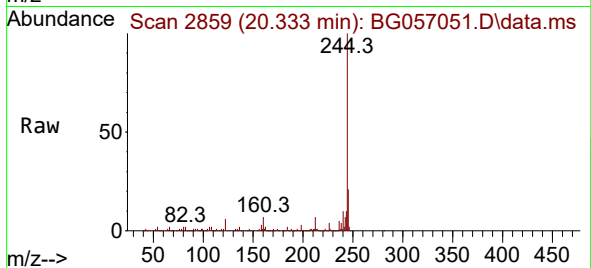
Tgt Ion:184 Resp: 9052

Ion Ratio Lower Upper

184 100

185 19.6 11.0 16.4#

183 0.0 11.4 17.0#



#79

Terphenyl-d14

Concen: 93.019 ng

RT: 20.333 min Scan# 2859

Delta R.T. 0.007 min

Lab File: BG057051.D

Acq: 11 Apr 2023 12:53

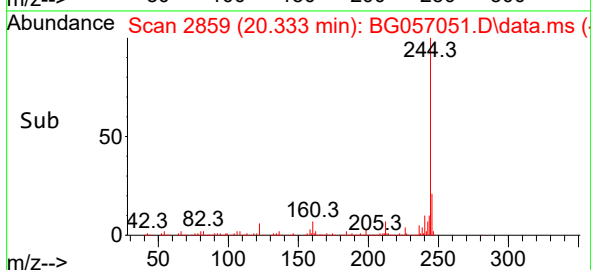
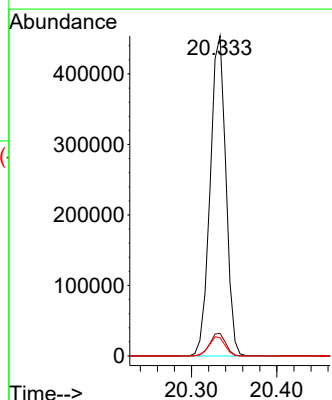
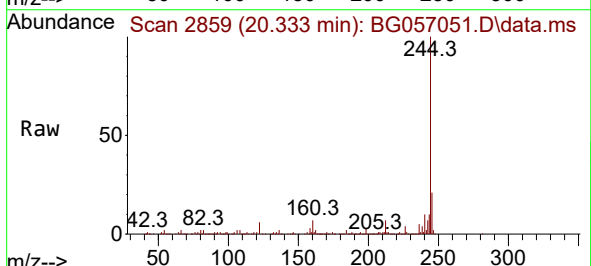
Tgt Ion:244 Resp: 581969

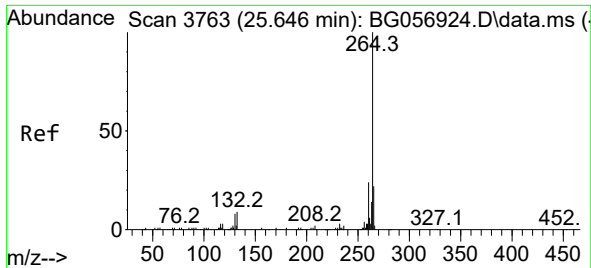
Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

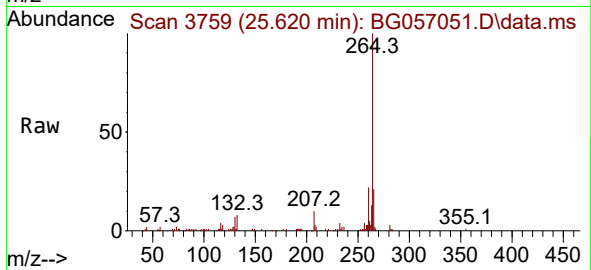
122 5.7 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.620 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BG057051.D
 Acq: 11 Apr 2023 12:53

Instrument :
 BNA_G
 ClientSampleId :
 PB152035BL



Tgt Ion:264 Resp: 111094
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.0 28.4
 265 21.3 17.8 26.6

