

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041123\
 Data File : BG057053.D
 Acq On : 11 Apr 2023 14:44
 Operator : CG/JU
 Sample : PB152037BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152037BL

Quant Time: Apr 12 04:40:29 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)

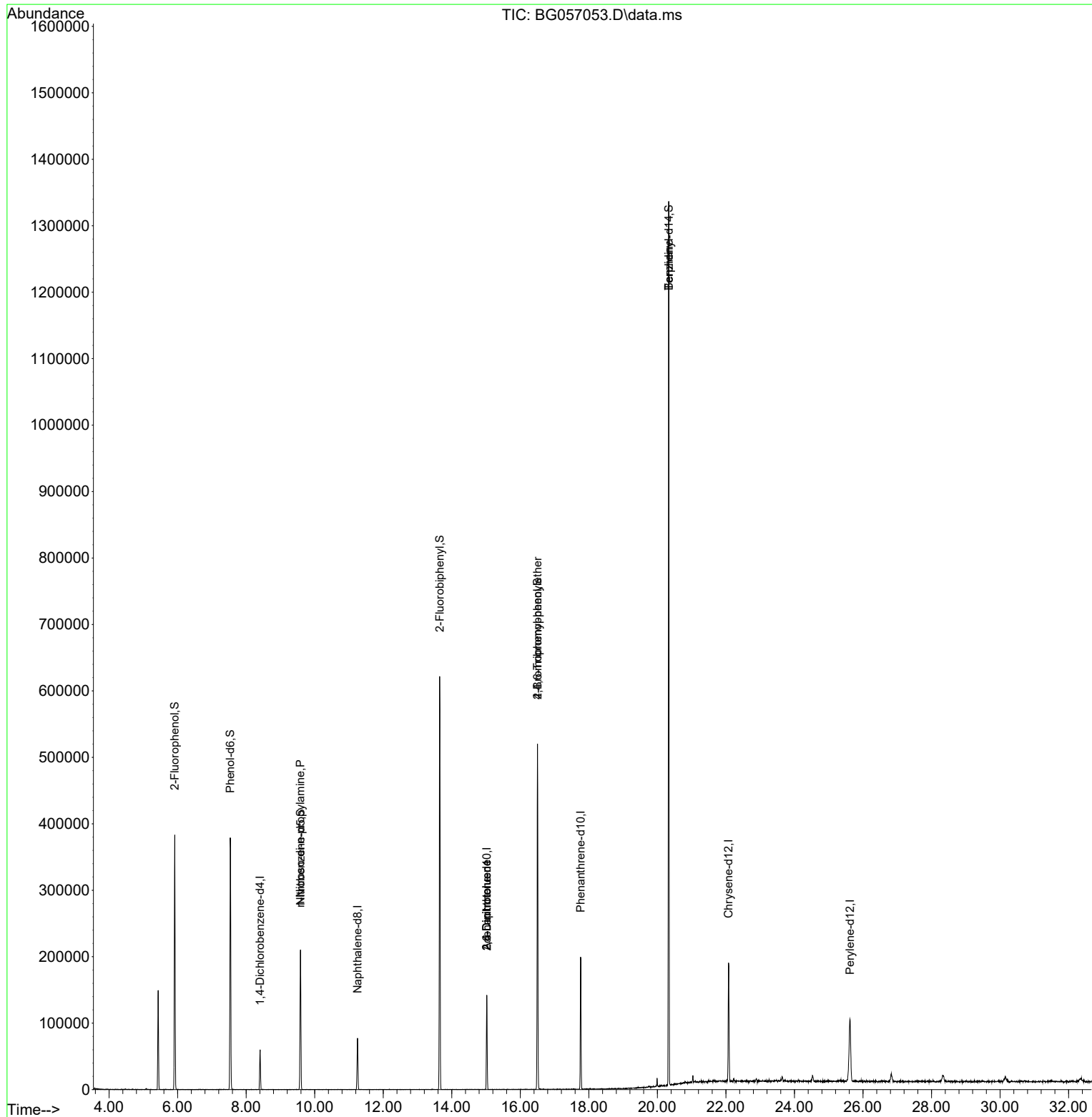
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.407	152	15783	20.000	ng	0.00
21) Naphthalene-d8	11.251	136	64914	20.000	ng	0.00
39) Acenaphthene-d10	15.022	164	49614	20.000	ng	0.00
64) Phenanthrene-d10	17.759	188	129846	20.000	ng	0.00
76) Chrysene-d12	22.077	240	115046	20.000	ng	0.00
86) Perylene-d12	25.619	264	115952	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	155864	158.051	ng	0.00
7) Phenol-d6	7.538	99	220090	149.221	ng	0.00
23) Nitrobenzene-d5	9.588	82	136417	85.988	ng	0.00
42) 2,4,6-Tribromophenol	16.502	330	104975	132.444	ng	0.00
45) 2-Fluorobiphenyl	13.647	172	317583	86.799	ng	0.00
79) Terphenyl-d14	20.332	244	661371	97.278	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.582	70	19024	18.033	ng	# 78
51) 2,6-Dinitrotoluene	15.022	165	6522	7.722	ng	# 20
57) 2,4-Dinitrotoluene	15.022	165	6522	5.475	ng	# 21
67) 4-Bromophenyl-phenylether	16.502	248	6421	3.997	ng	# 1
77) Benzidine	20.332	184	10485	3.334	ng	# 93

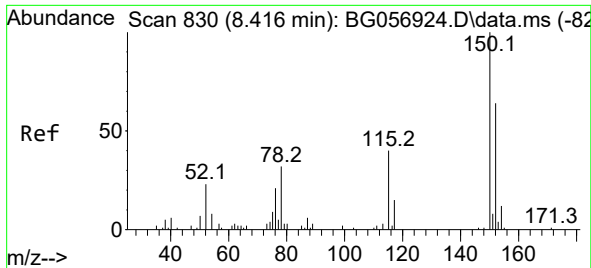
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041123\
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ClientSampleId :
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Quant Time: Apr 12 04:40:29 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

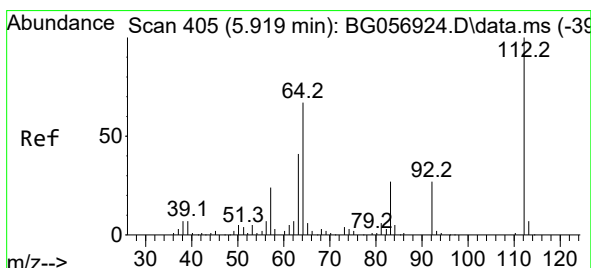
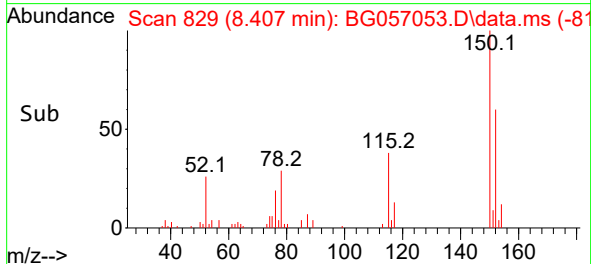
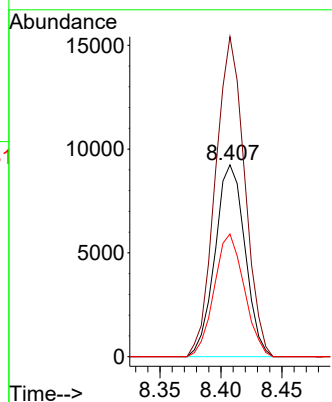
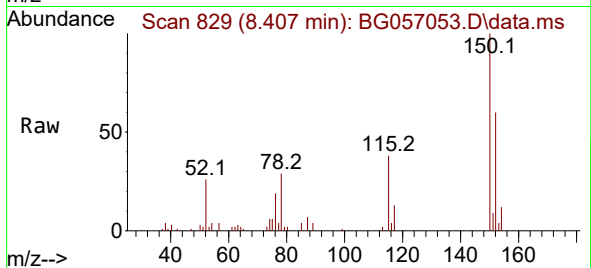




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.407 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057053.D
Acq: 11 Apr 2023 14:44

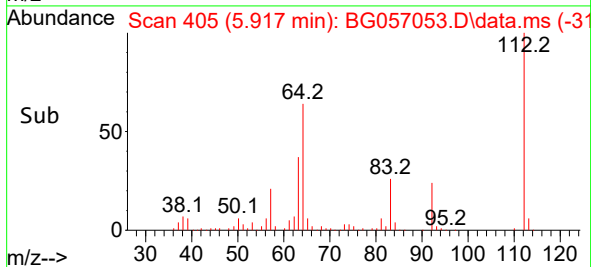
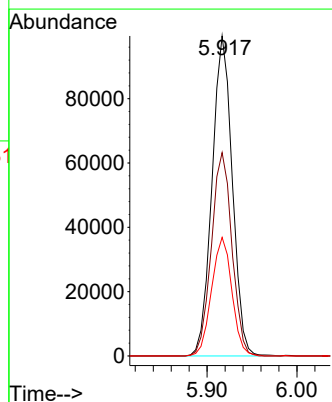
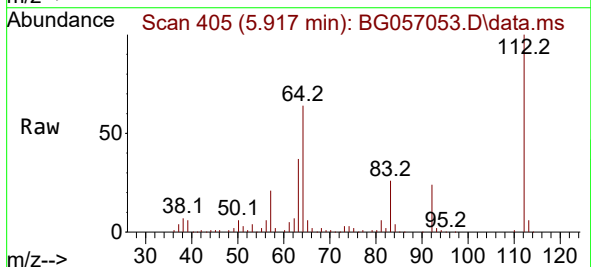
Instrument :
BNA_G
ClientSampleId :
PB152037BL

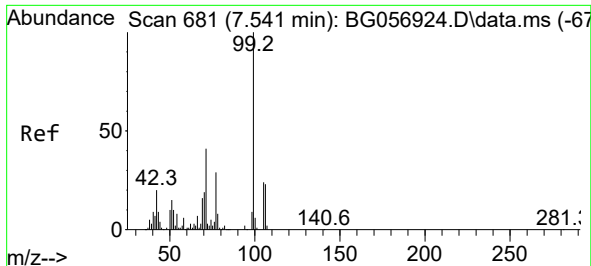
Tgt Ion:152 Resp: 15783
Ion Ratio Lower Upper
152 100
150 166.8 124.1 186.1
115 64.0 49.1 73.7



#5
2-Fluorophenol
Concen: 158.051 ng
RT: 5.917 min Scan# 405
Delta R.T. -0.000 min
Lab File: BG057053.D
Acq: 11 Apr 2023 14:44

Tgt Ion:112 Resp: 155864
Ion Ratio Lower Upper
112 100
64 63.5 53.2 79.8
63 37.0 32.6 48.8

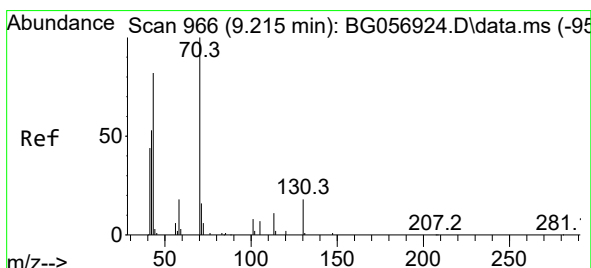
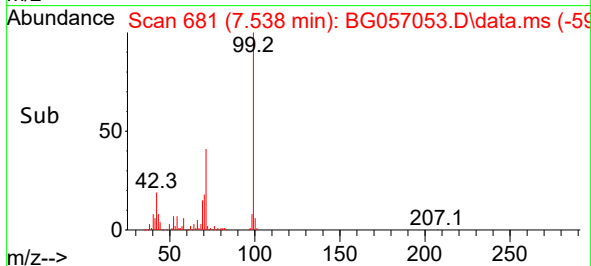
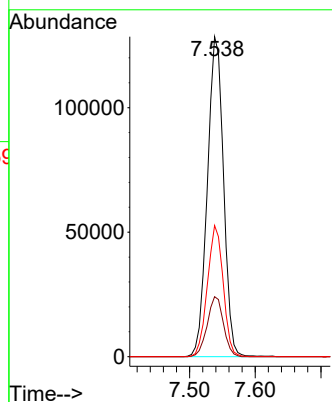
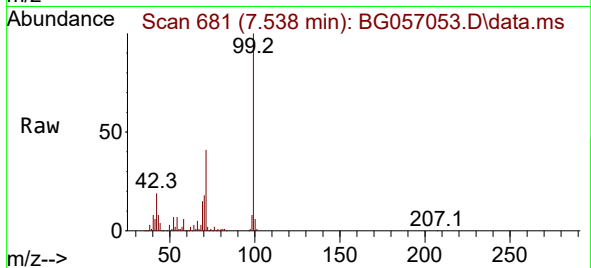




#7
Phenol-d6
Concen: 149.221 ng
RT: 7.538 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057053.D
Acq: 11 Apr 2023 14:44

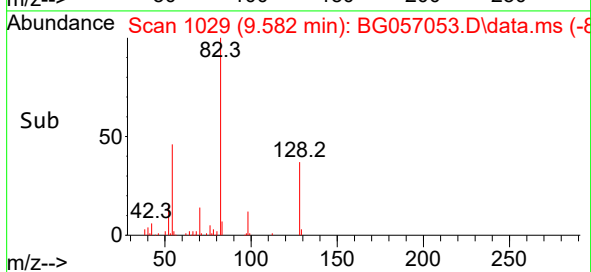
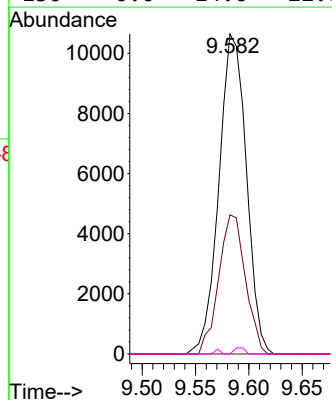
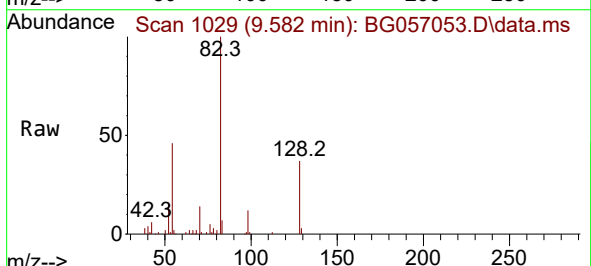
Instrument :
BNA_G
ClientSampleId :
PB152037BL

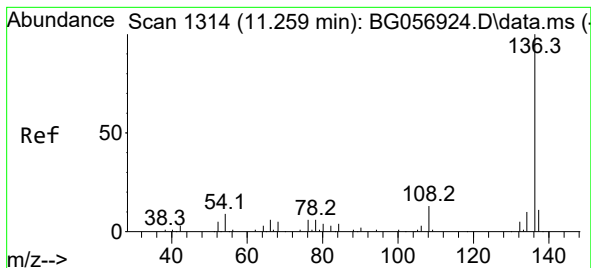
Tgt Ion: 99 Resp: 220090
Ion Ratio Lower Upper
99 100
42 18.8 15.7 23.5
71 41.0 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.033 ng
RT: 9.582 min Scan# 1029
Delta R.T. 0.370 min
Lab File: BG057053.D
Acq: 11 Apr 2023 14:44

Tgt Ion: 70 Resp: 19024
Ion Ratio Lower Upper
70 100
42 43.5 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: 11.251 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG057053.D

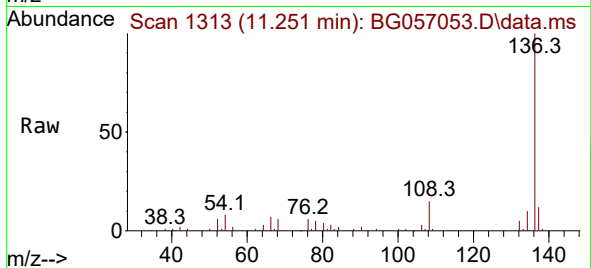
Acq: 11 Apr 2023 14:44

Instrument :

BNA_G

ClientSampleId :

PB152037BL



Tgt Ion:136 Resp: 64914

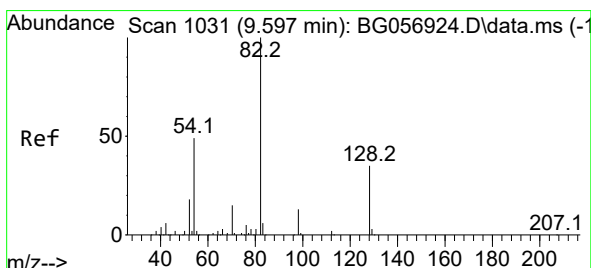
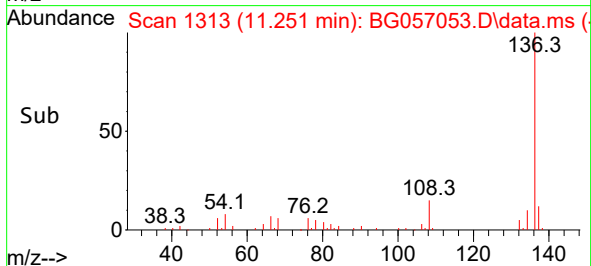
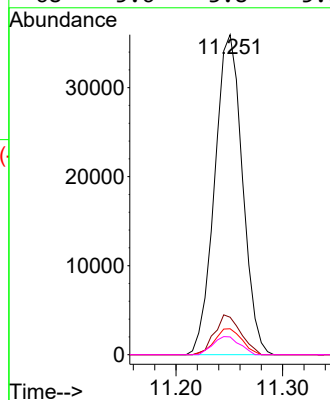
Ion Ratio Lower Upper

136 100

137 11.7 8.6 13.0

54 8.1 6.9 10.3

68 5.6 3.8 5.6



#23

Nitrobenzene-d5

Concen: 85.988 ng

RT: 9.588 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BG057053.D

Acq: 11 Apr 2023 14:44

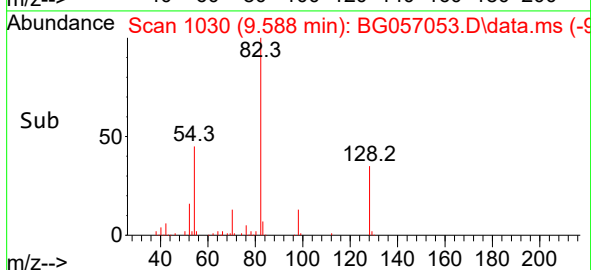
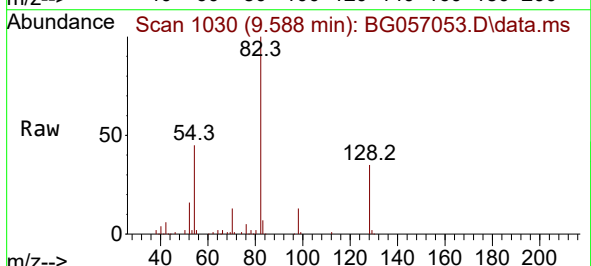
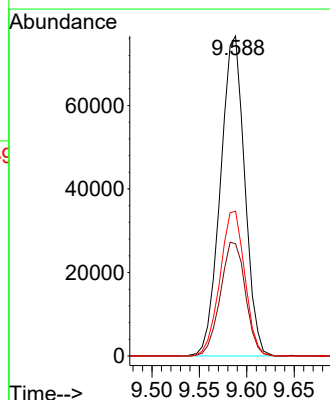
Tgt Ion: 82 Resp: 136417

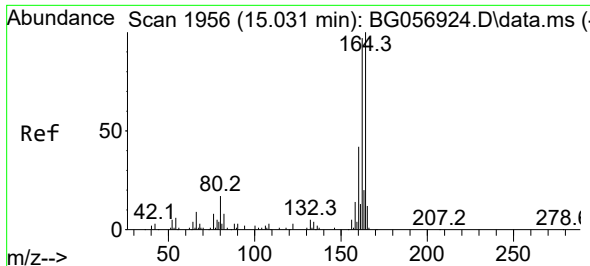
Ion Ratio Lower Upper

82 100

128 35.0 27.9 41.9

54 45.3 39.4 59.2

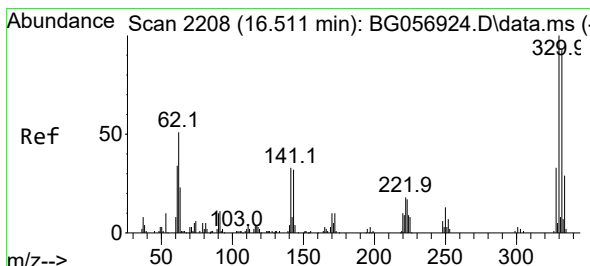
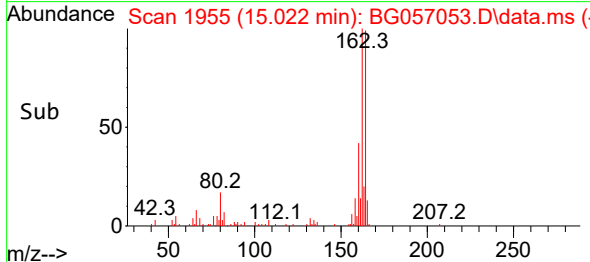
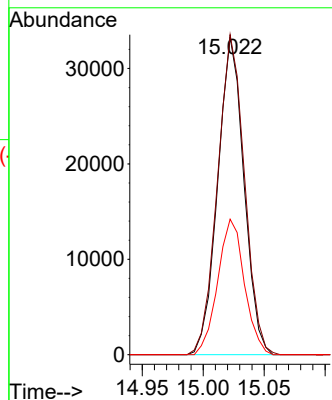
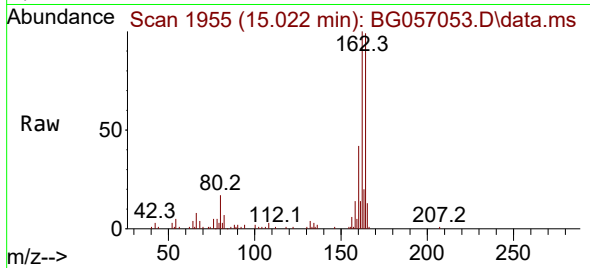




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.022 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BG057053.D
Acq: 11 Apr 2023 14:44

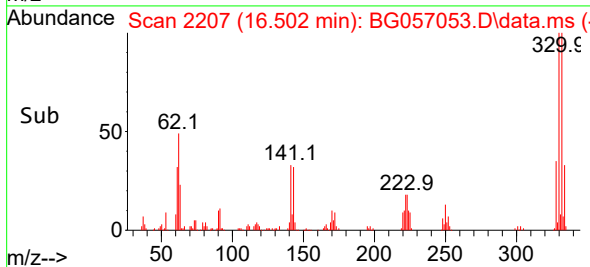
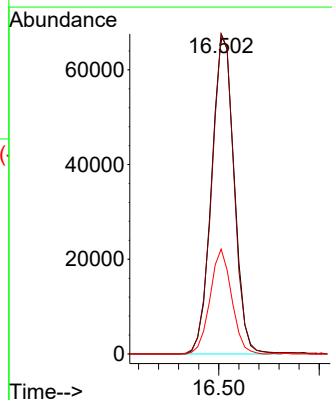
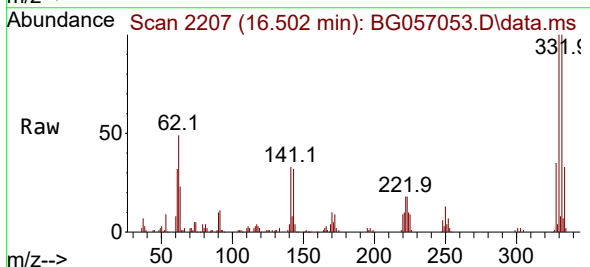
Instrument :
BNA_G
ClientSampleId :
PB152037BL

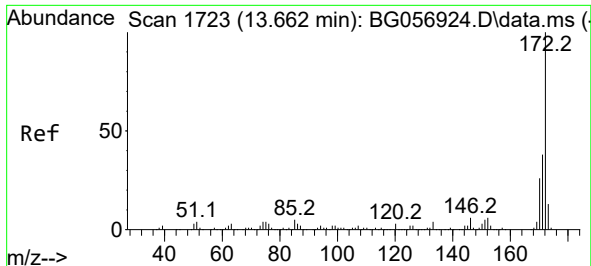
Tgt Ion:164 Resp: 49614
Ion Ratio Lower Upper
164 100
162 100.7 77.8 116.8
160 42.7 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 132.444 ng
RT: 16.502 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BG057053.D
Acq: 11 Apr 2023 14:44

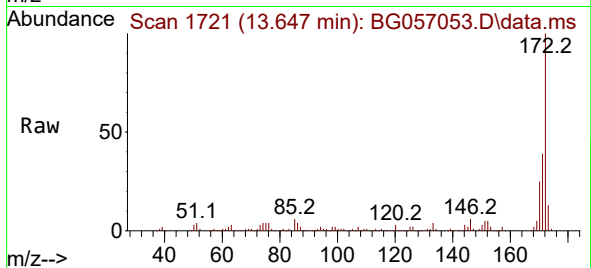
Tgt Ion:330 Resp: 104975
Ion Ratio Lower Upper
330 100
332 99.5 76.1 114.1
141 31.4 25.8 38.6



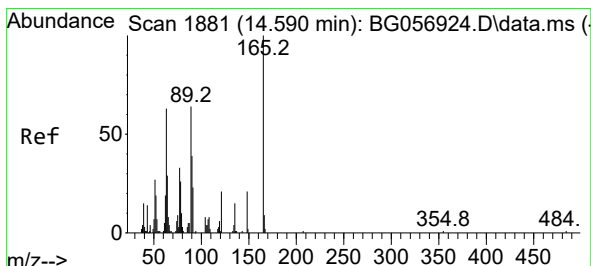
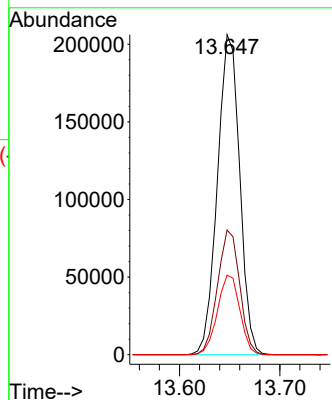
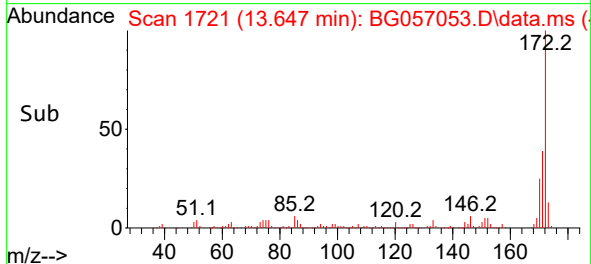


#45
2-Fluorobiphenyl
Concen: 86.799 ng
RT: 13.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG057053.D
Acq: 11 Apr 2023 14:44

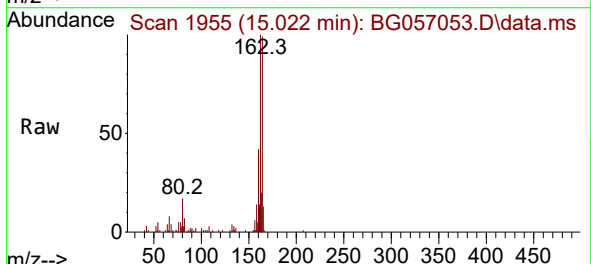
Instrument :
BNA_G
ClientSampleId :
PB152037BL



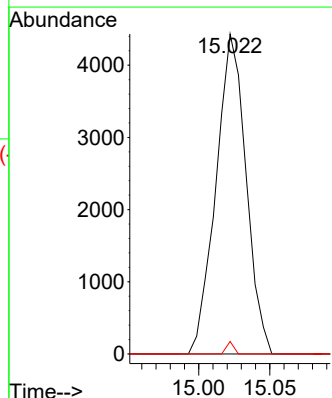
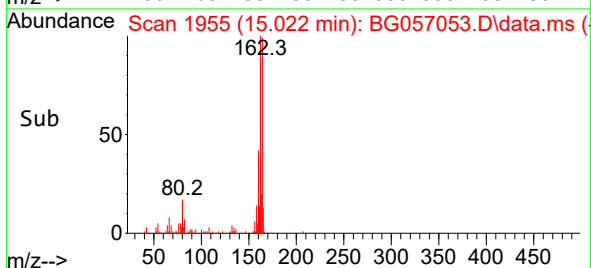
Tgt Ion:172 Resp: 317583
Ion Ratio Lower Upper
172 100
171 38.9 30.6 46.0
170 24.9 20.6 30.8

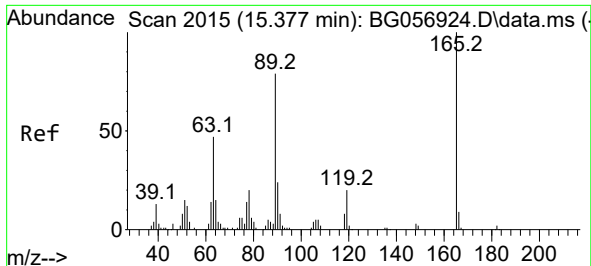


#51
2,6-Dinitrotoluene
Concen: 7.722 ng
RT: 15.022 min Scan# 1955
Delta R.T. 0.434 min
Lab File: BG057053.D
Acq: 11 Apr 2023 14:44



Tgt Ion:165 Resp: 6522
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 3.9 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.475 ng

RT: 15.022 min Scan# 1955

Delta R.T. -0.347 min

Lab File: BG057053.D

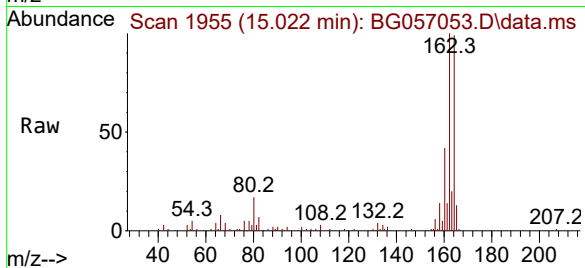
Acq: 11 Apr 2023 14:44

Instrument :

BNA_G

ClientSampleId :

PB152037BL



Tgt Ion:165 Resp: 6522

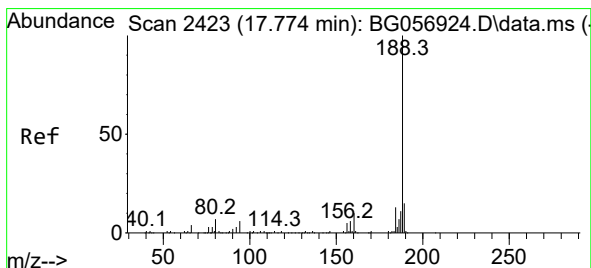
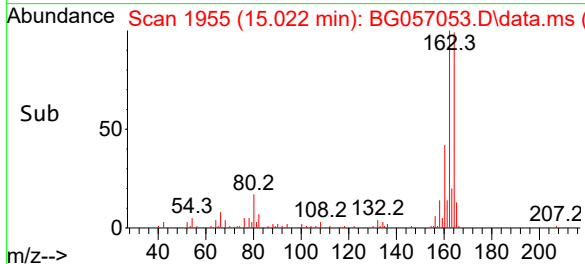
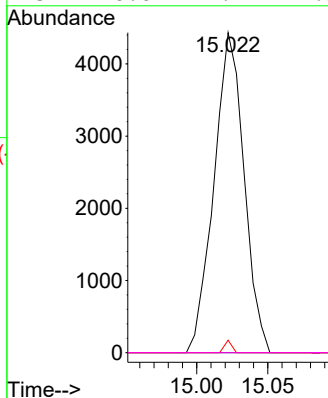
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 3.9 63.2 94.8#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.759 min Scan# 2421

Delta R.T. -0.000 min

Lab File: BG057053.D

Acq: 11 Apr 2023 14:44

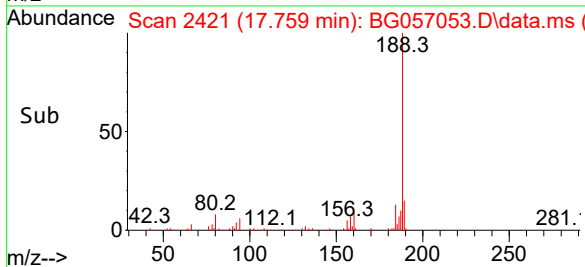
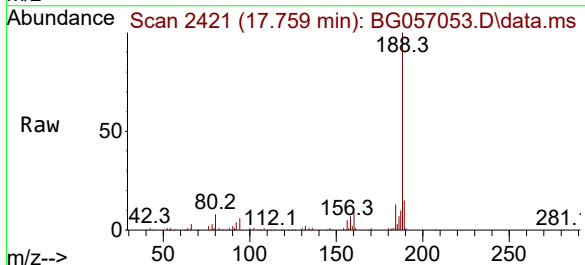
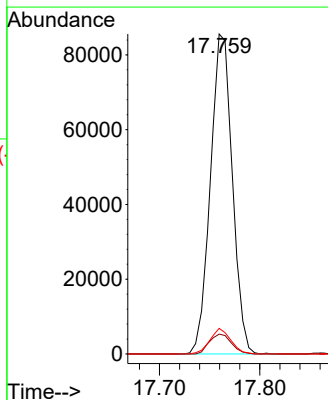
Tgt Ion:188 Resp: 129846

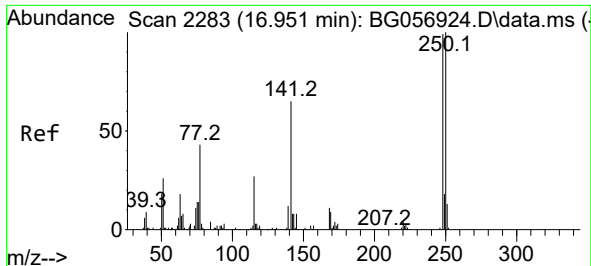
Ion Ratio Lower Upper

188 100

94 6.2 4.6 6.8

80 8.0 5.5 8.3

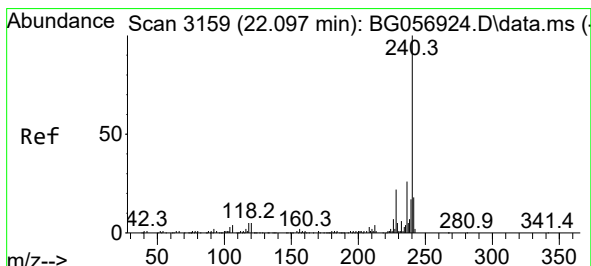
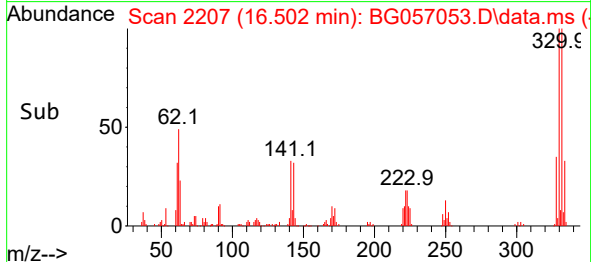
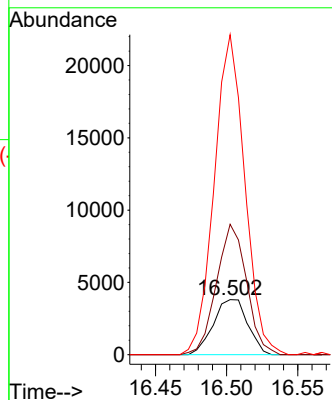
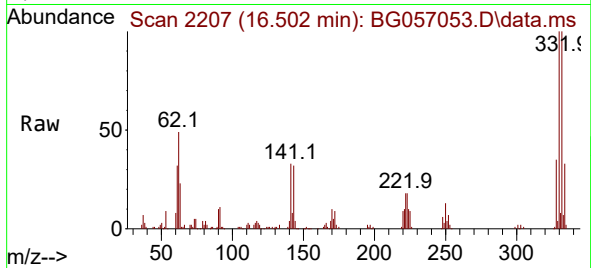




#67
4-Bromophenyl-phenylether
Concen: 3.997 ng
RT: 16.502 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG057053.D
Acq: 11 Apr 2023 14:44

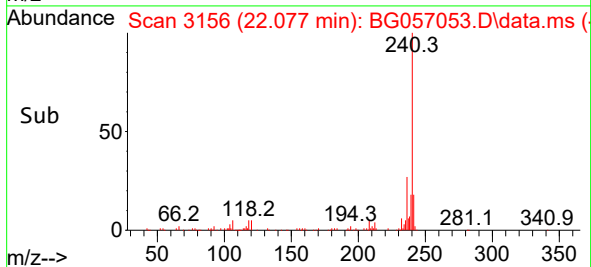
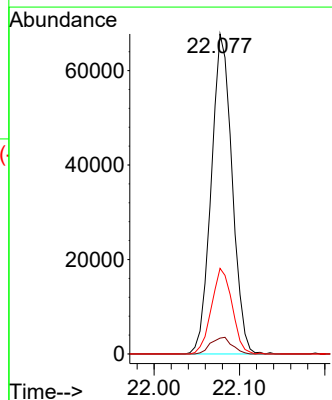
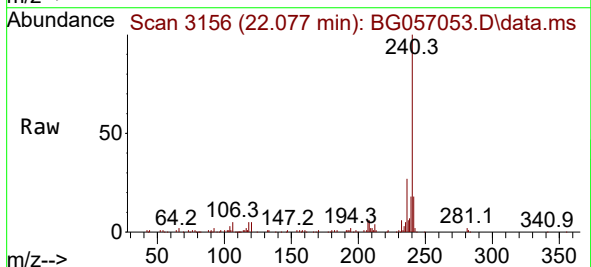
Instrument :
BNA_G
ClientSampleId :
PB152037BL

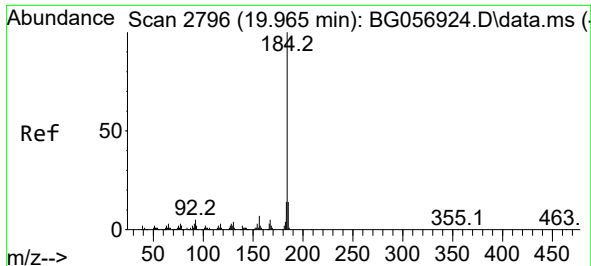
Tgt Ion:248 Resp: 6421
Ion Ratio Lower Upper
248 100
250 236.9 80.5 120.7#
141 581.0 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.077 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BG057053.D
Acq: 11 Apr 2023 14:44

Tgt Ion:240 Resp: 115046
Ion Ratio Lower Upper
240 100
120 5.0 3.8 5.6
236 26.7 21.0 31.6

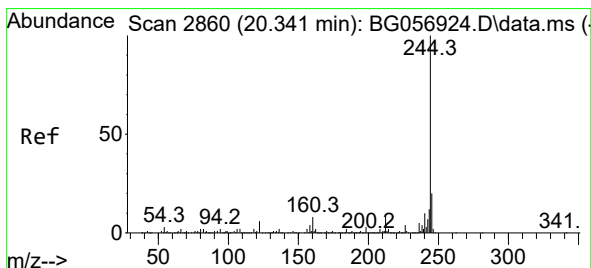
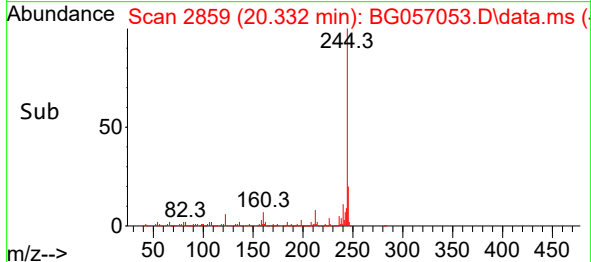
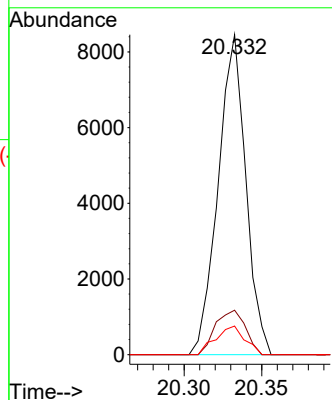
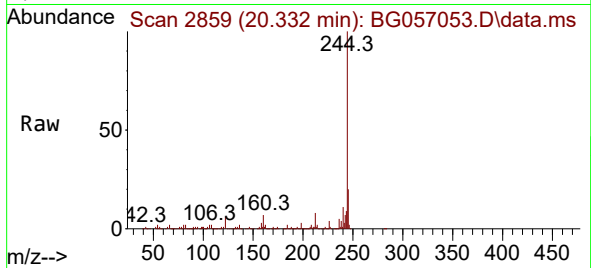




#77
Benzidine
Concen: 3.334 ng
RT: 20.332 min Scan# 2859
Delta R.T. 0.382 min
Lab File: BG057053.D
Acq: 11 Apr 2023 14:44

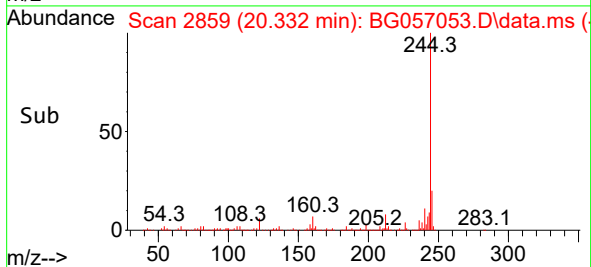
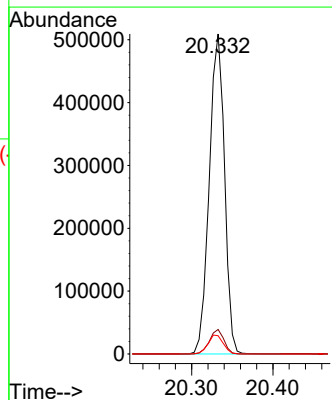
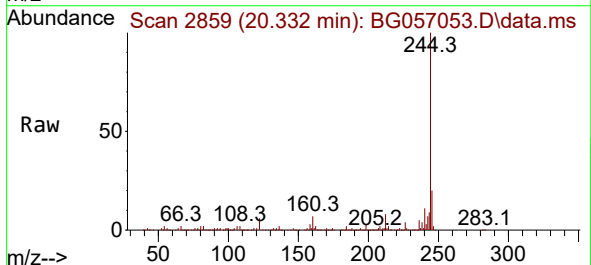
Instrument :
BNA_G
ClientSampleId :
PB152037BL

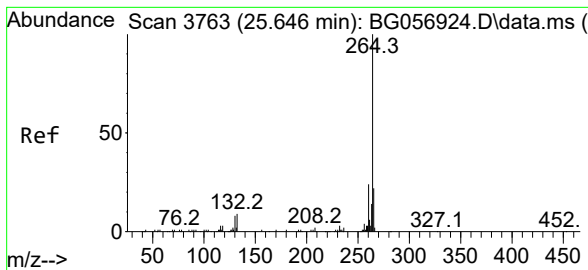
Tgt Ion:184 Resp: 10485
Ion Ratio Lower Upper
184 100
185 13.9 11.0 16.4
183 8.9 11.4 17.0#



#79
Terphenyl-d14
Concen: 97.278 ng
RT: 20.332 min Scan# 2859
Delta R.T. 0.006 min
Lab File: BG057053.D
Acq: 11 Apr 2023 14:44

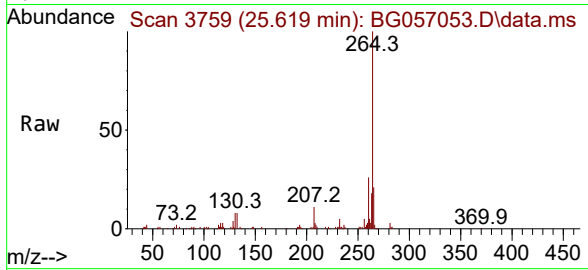
Tgt Ion:244 Resp: 661371
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 5.7 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.619 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG057053.D
Acq: 11 Apr 2023 14:44

Instrument :
BNA_G
ClientSampleId :
PB152037BL



Tgt Ion:264 Resp: 115952

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.0	28.4
265	21.4	17.8	26.6

