

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
 Data File : BG057063.D
 Acq On : 12 Apr 2023 14:10
 Operator : CG/JU
 Sample : PB152062BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152062BL

Quant Time: Apr 13 05:23:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

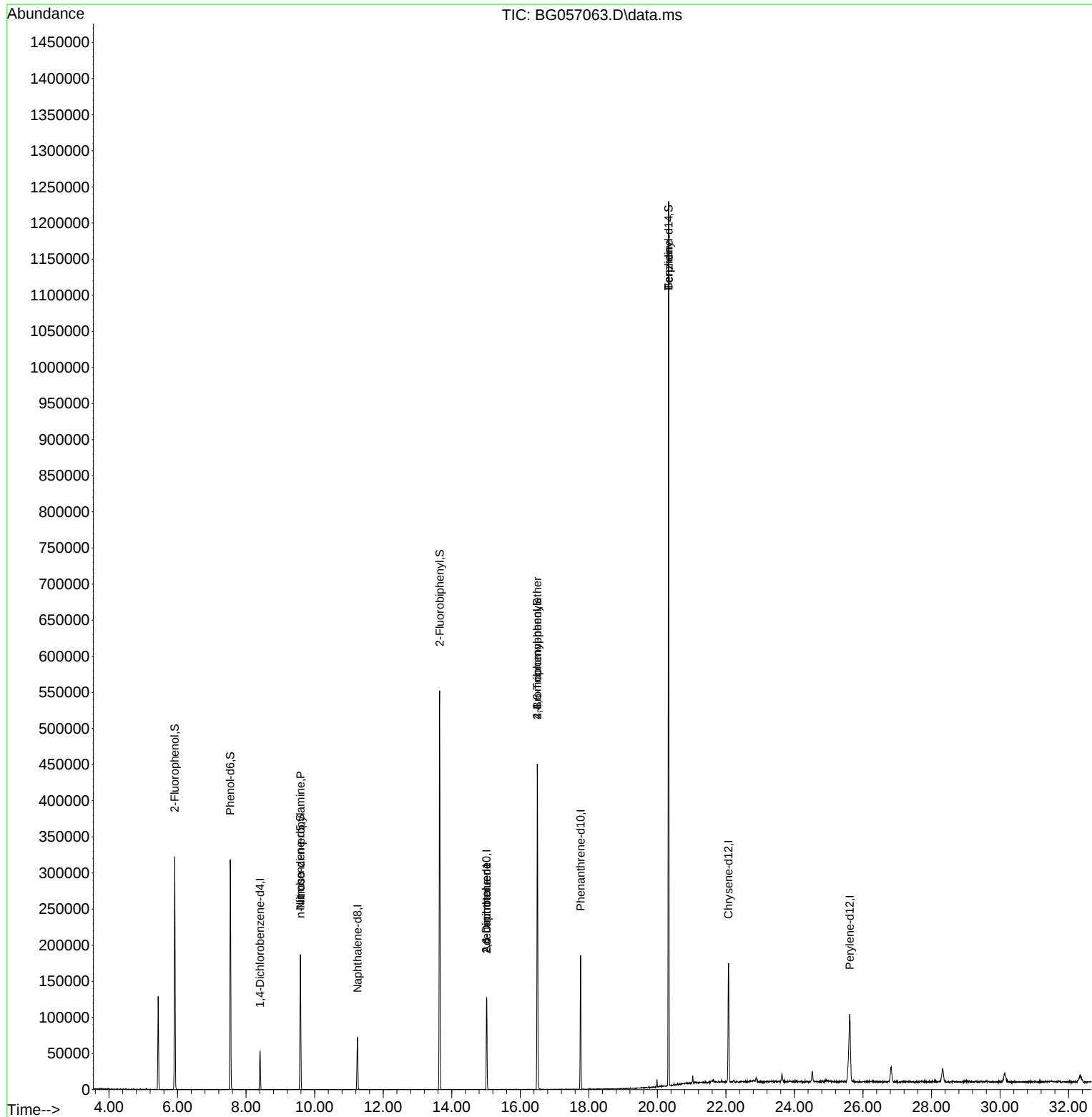
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.408	152	15317	20.000	ng	0.00
21) Naphthalene-d8	11.251	136	62222	20.000	ng	# 0.00
39) Acenaphthene-d10	15.017	164	46282	20.000	ng	0.00
64) Phenanthrene-d10	17.760	188	120499	20.000	ng	0.00
76) Chrysene-d12	22.078	240	111388	20.000	ng	# 0.00
86) Perylene-d12	25.614	264	114600	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	131613	137.520	ng	0.00
7) Phenol-d6	7.538	99	183900	128.477	ng	0.00
23) Nitrobenzene-d5	9.583	82	117881	77.519	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	94834	128.263	ng	0.00
45) 2-Fluorobiphenyl	13.648	172	285651	83.693	ng	0.00
79) Terphenyl-d14	20.327	244	597637	90.791	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.589	70	15712	15.346	ng	# 84
51) 2,6-Dinitrotoluene	15.017	165	6215	7.888	ng	# 18
57) 2,4-Dinitrotoluene	15.017	165	6215	5.593	ng	# 18
67) 4-Bromophenyl-phenylether	16.497	248	5747	3.855	ng	# 1
77) Benzidine	20.327	184	9187	3.017	ng	# 85

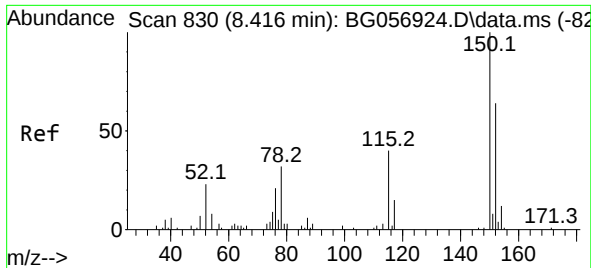
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
Data File : BG057063.D
Acq On : 12 Apr 2023 14:10
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Sample : PB152062BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB152062BL

Quant Time: Apr 13 05:23:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

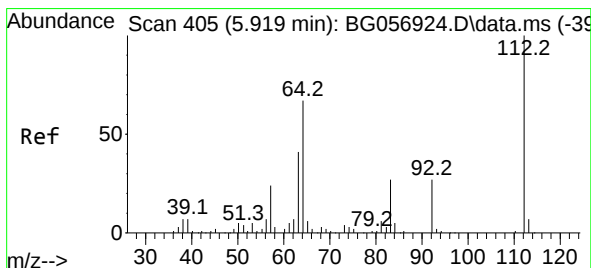
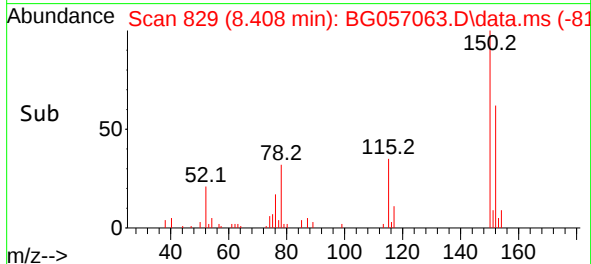
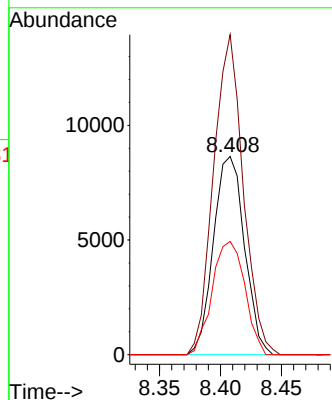
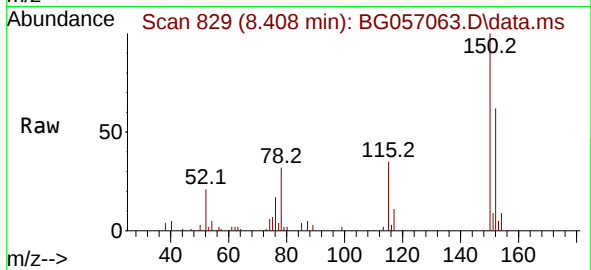




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.408 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057063.D
Acq: 12 Apr 2023 14:10

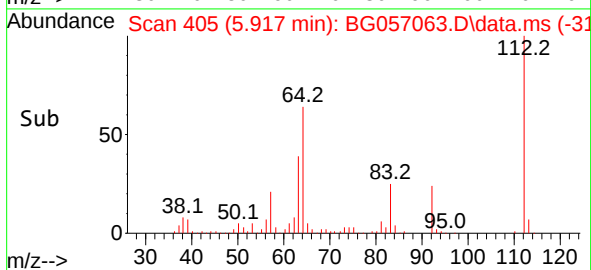
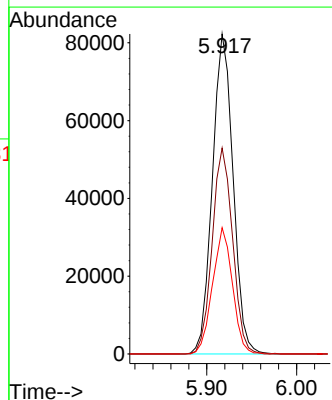
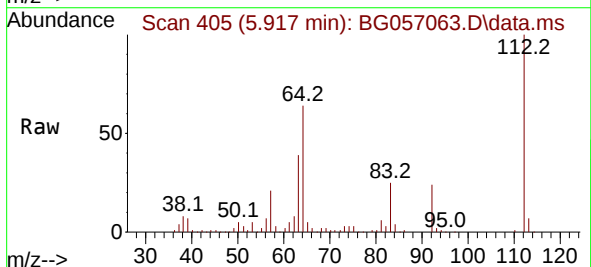
Instrument :
BNA_G
ClientSampleId :
PB152062BL

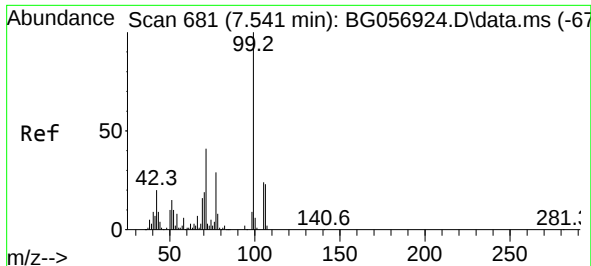
Tgt Ion:152 Resp: 15317
Ion Ratio Lower Upper
152 100
150 161.4 124.1 186.1
115 57.1 49.1 73.7



#5
2-Fluorophenol
Concen: 137.520 ng
RT: 5.917 min Scan# 405
Delta R.T. 0.002 min
Lab File: BG057063.D
Acq: 12 Apr 2023 14:10

Tgt Ion:112 Resp: 131613
Ion Ratio Lower Upper
112 100
64 64.4 53.2 79.8
63 39.4 32.6 48.8

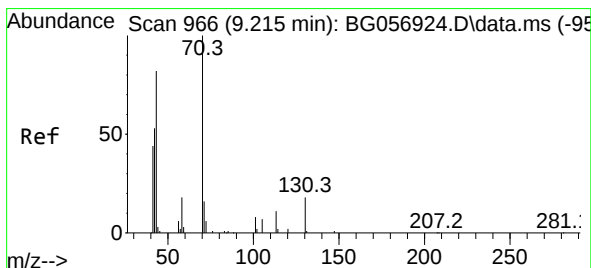
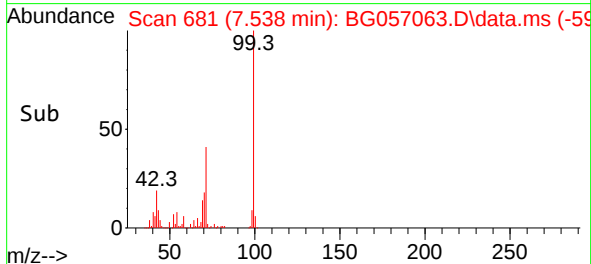
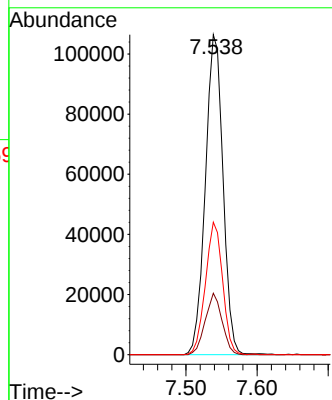
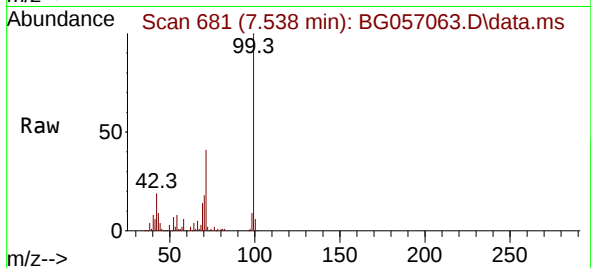




#7
Phenol-d6
Concen: 128.477 ng
RT: 7.538 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057063.D
Acq: 12 Apr 2023 14:10

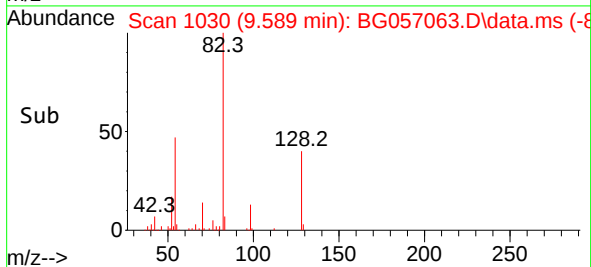
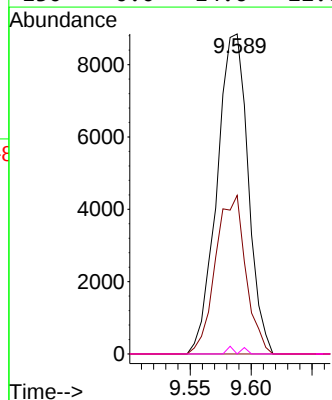
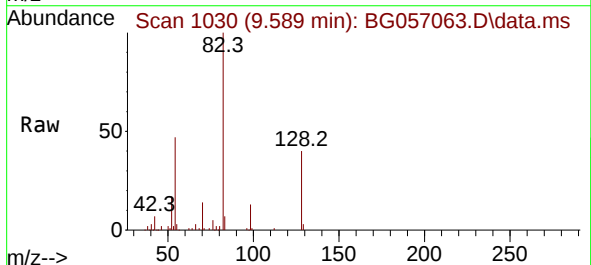
Instrument :
BNA_G
ClientSampleId :
PB152062BL

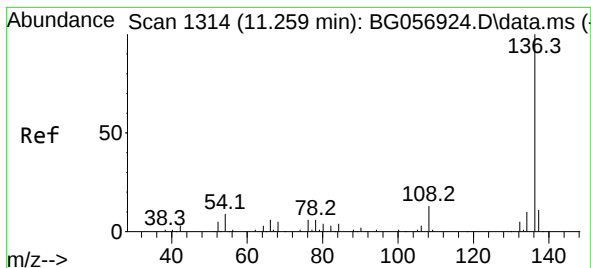
Tgt Ion: 99 Resp: 183900
Ion Ratio Lower Upper
99 100
42 19.2 15.7 23.5
71 41.4 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.346 ng
RT: 9.589 min Scan# 1030
Delta R.T. 0.378 min
Lab File: BG057063.D
Acq: 12 Apr 2023 14:10

Tgt Ion: 70 Resp: 15712
Ion Ratio Lower Upper
70 100
42 49.5 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. 0.002 min

Lab File: BG057063.D

Acq: 12 Apr 2023 14:10

Instrument :

BNA_G

ClientSampleId :

PB152062BL

Tgt Ion:136 Resp: 62222

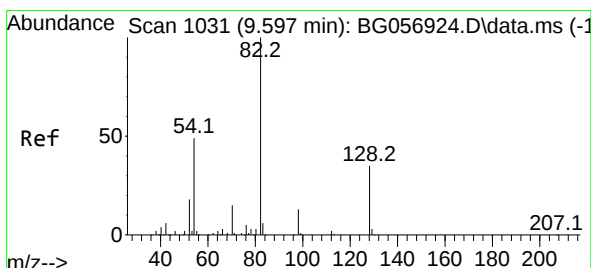
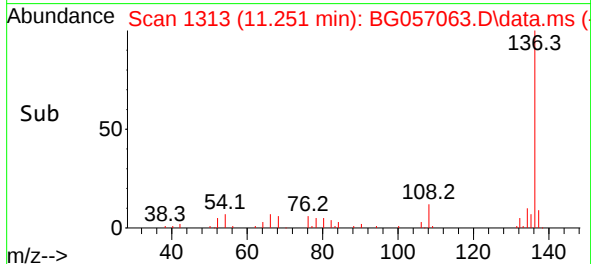
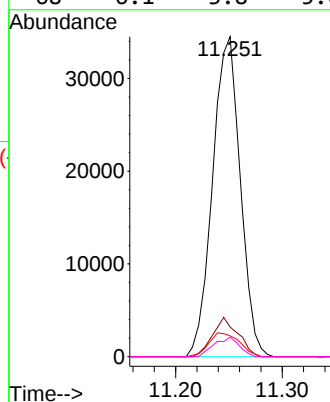
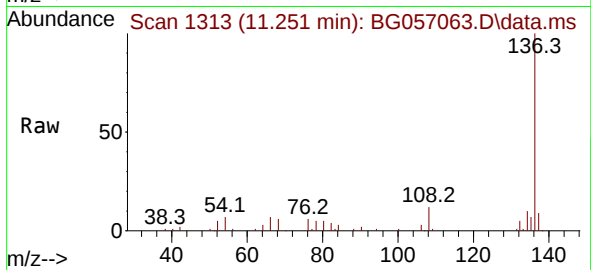
Ion Ratio Lower Upper

136 100

137 9.3 8.6 13.0

54 6.5 6.9 10.3#

68 6.1 3.8 5.6#



#23

Nitrobenzene-d5

Concen: 77.519 ng

RT: 9.583 min Scan# 1029

Delta R.T. -0.003 min

Lab File: BG057063.D

Acq: 12 Apr 2023 14:10

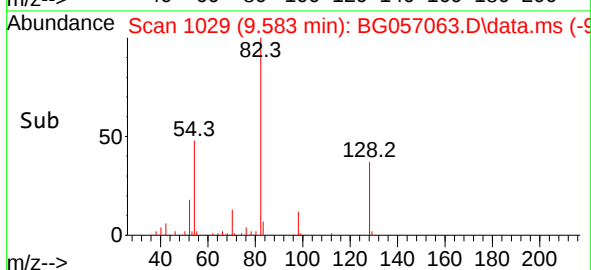
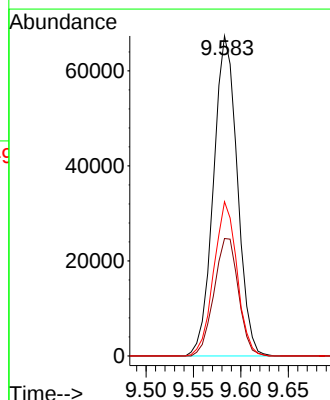
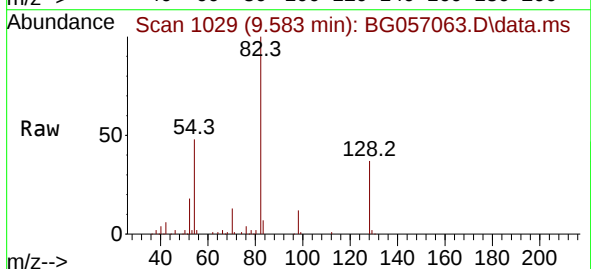
Tgt Ion: 82 Resp: 117881

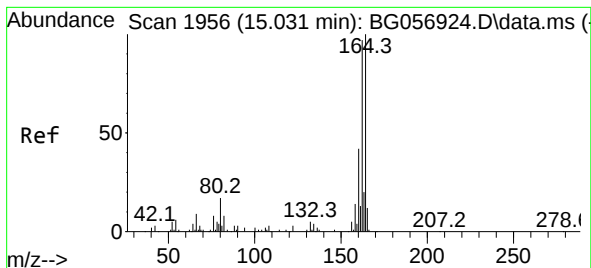
Ion Ratio Lower Upper

82 100

128 36.7 27.9 41.9

54 48.2 39.4 59.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.017 min Scan# 1954

Delta R.T. -0.003 min

Lab File: BG057063.D

Acq: 12 Apr 2023 14:10

Instrument :

BNA_G

ClientSampleId :

PB152062BL

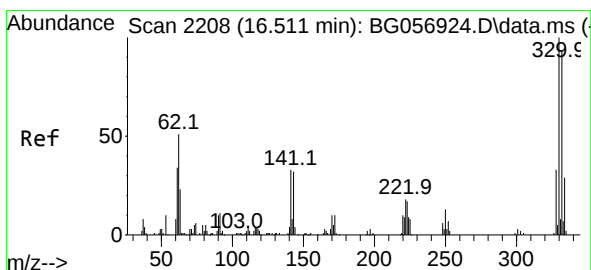
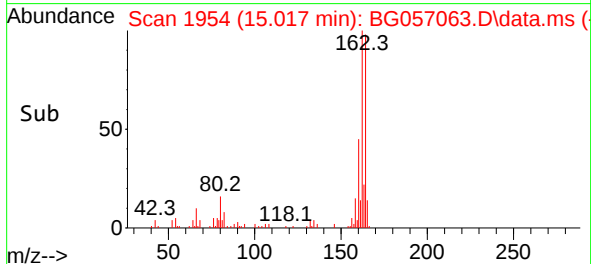
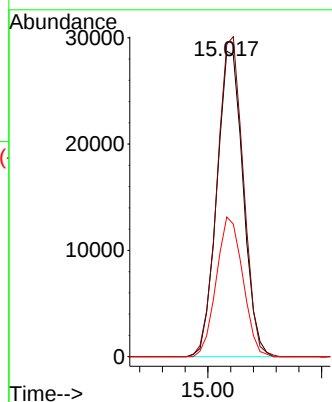
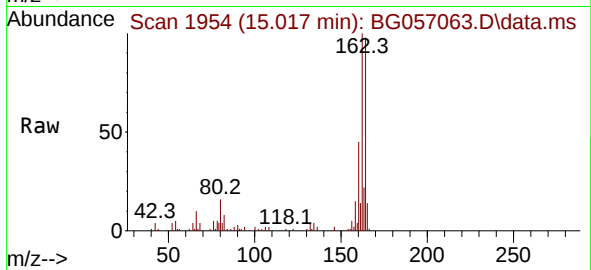
Tgt Ion:164 Resp: 46282

Ion Ratio Lower Upper

164 100

162 102.3 77.8 116.8

160 45.7 33.5 50.3



#42

2,4,6-Tribromophenol

Concen: 128.263 ng

RT: 16.497 min Scan# 2206

Delta R.T. -0.003 min

Lab File: BG057063.D

Acq: 12 Apr 2023 14:10

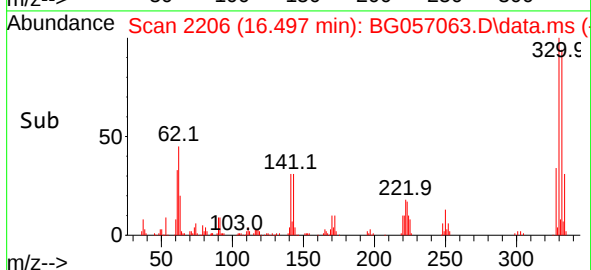
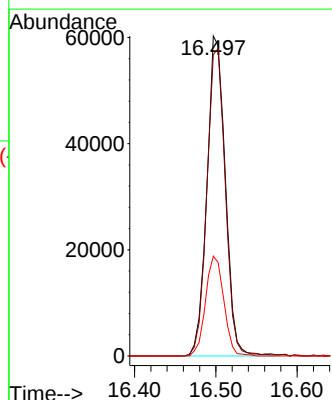
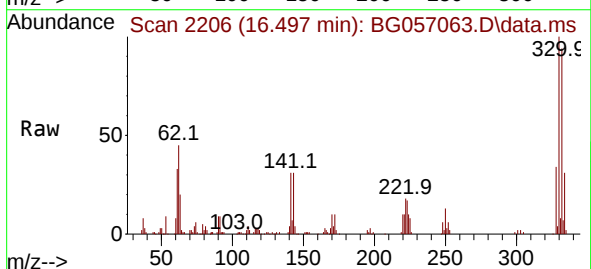
Tgt Ion:330 Resp: 94834

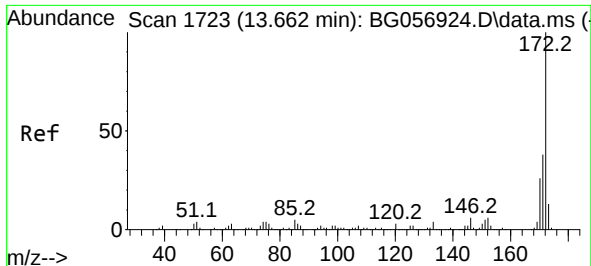
Ion Ratio Lower Upper

330 100

332 96.1 76.1 114.1

141 30.9 25.8 38.6

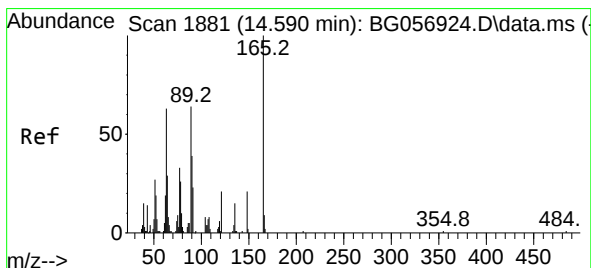
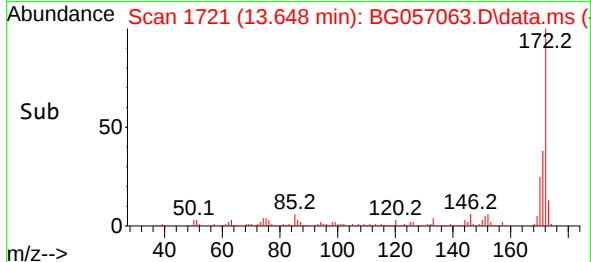
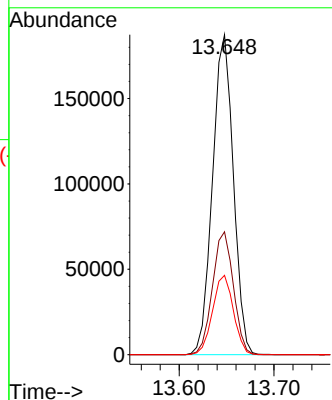
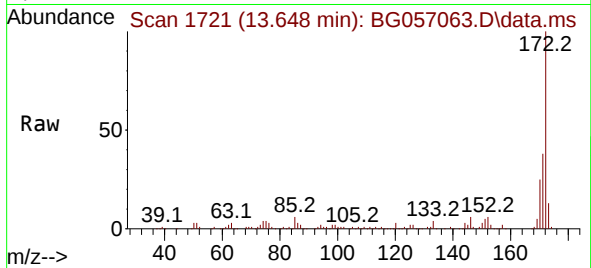




#45
2-Fluorobiphenyl
Concen: 83.693 ng
RT: 13.648 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG057063.D
Acq: 12 Apr 2023 14:10

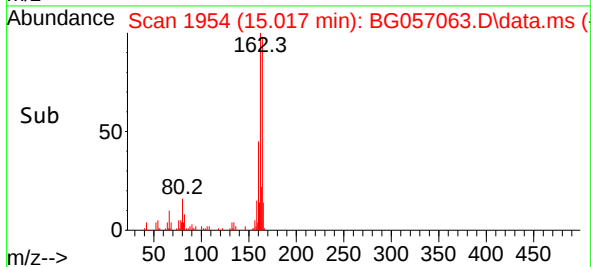
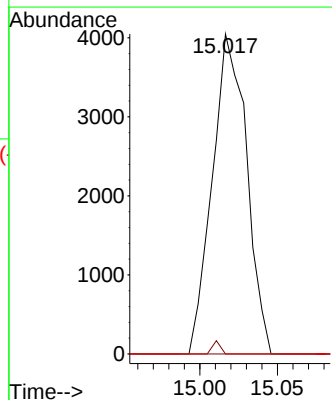
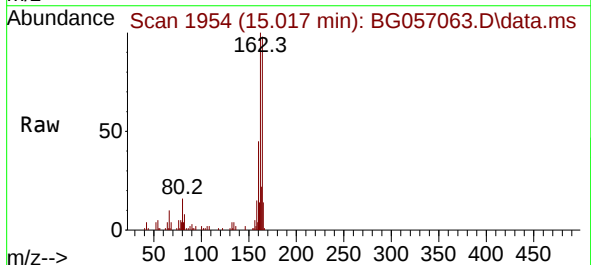
Instrument :
BNA_G
ClientSampleId :
PB152062BL

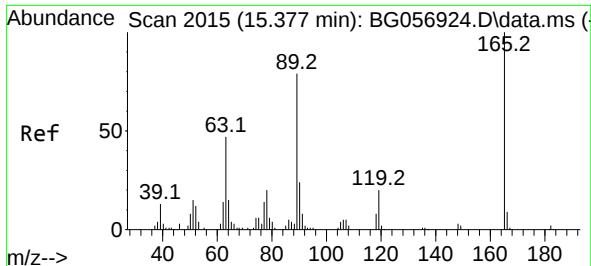
Tgt Ion:172 Resp: 285651
Ion Ratio Lower Upper
172 100
171 38.4 30.6 46.0
170 24.8 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.888 ng
RT: 15.017 min Scan# 1954
Delta R.T. 0.431 min
Lab File: BG057063.D
Acq: 12 Apr 2023 14:10

Tgt Ion:165 Resp: 6215
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: 5.593 ng

RT: 15.017 min Scan# 1954

Delta R.T. -0.350 min

Lab File: BG057063.D

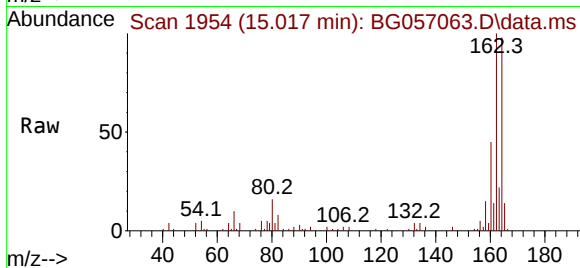
Acq: 12 Apr 2023 14:10

Instrument :

BNA_G

ClientSampleId :

PB152062BL



Tgt Ion:165 Resp: 6215

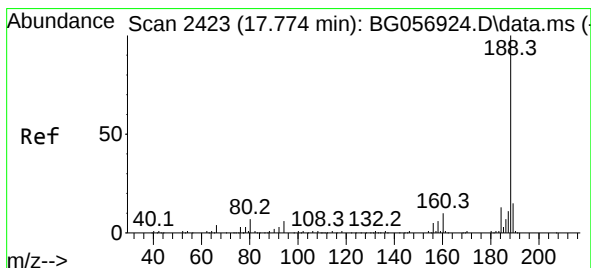
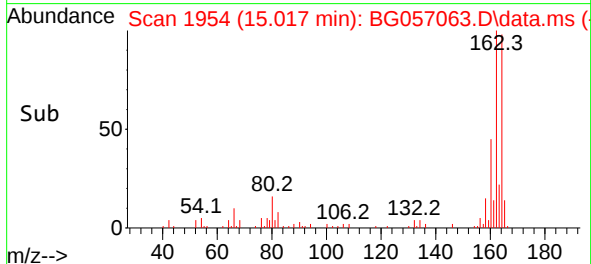
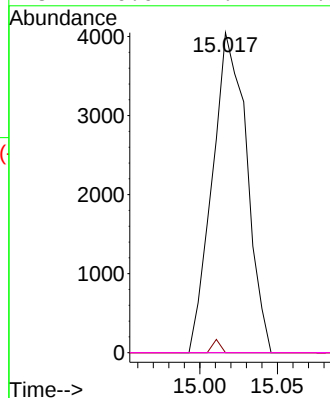
Ion Ratio Lower Upper

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. -0.003 min

Lab File: BG057063.D

Acq: 12 Apr 2023 14:10

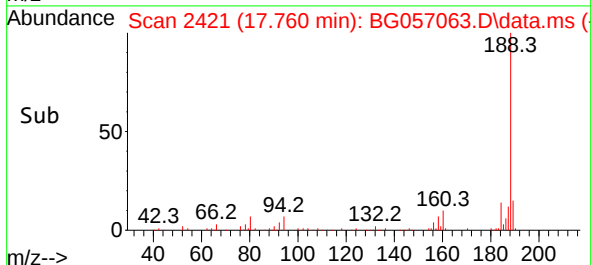
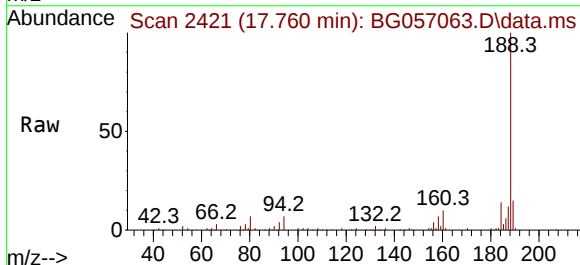
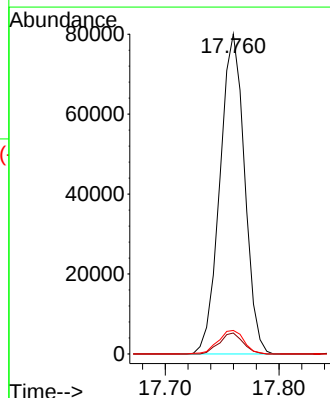
Tgt Ion:188 Resp: 120499

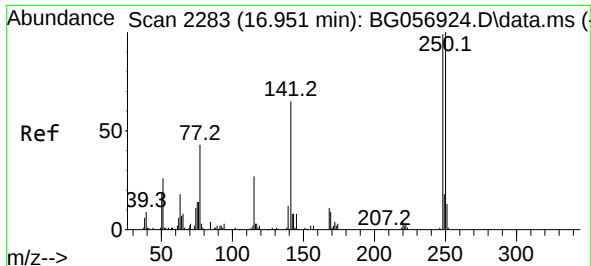
Ion Ratio Lower Upper

188 100

94 6.5 4.6 6.8

80 7.3 5.5 8.3

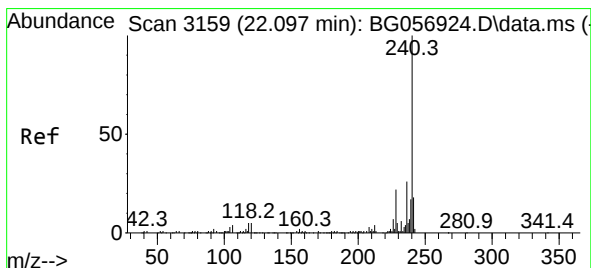
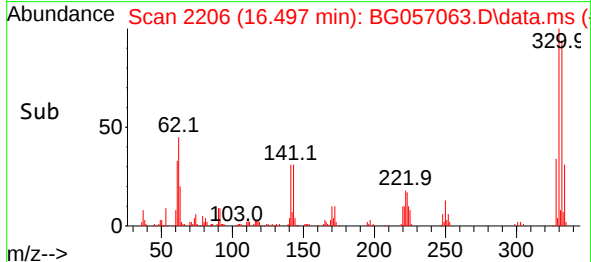
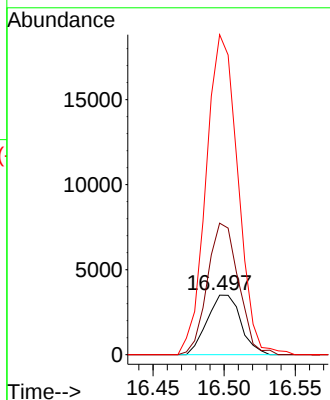
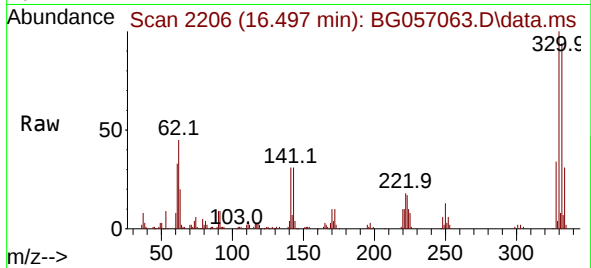




#67
4-Bromophenyl-phenylether
Concen: 3.855 ng
RT: 16.497 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG057063.D
Acq: 12 Apr 2023 14:10

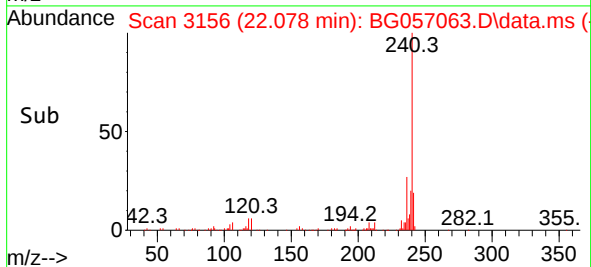
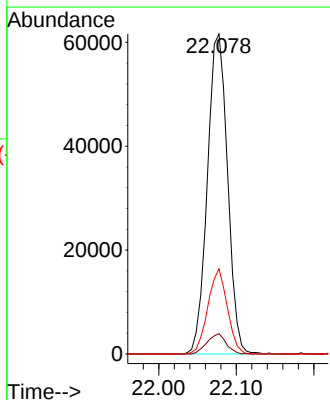
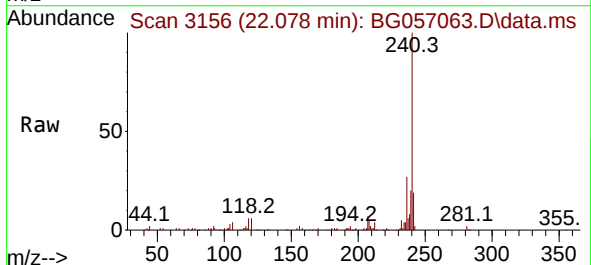
Instrument :
BNA_G
ClientSampleId :
PB152062BL

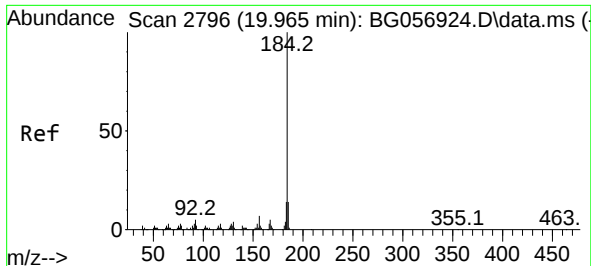
Tgt Ion:248 Resp: 5747
Ion Ratio Lower Upper
248 100
250 220.9 80.5 120.7#
141 537.6 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.078 min Scan# 3156
Delta R.T. -0.003 min
Lab File: BG057063.D
Acq: 12 Apr 2023 14:10

Tgt Ion:240 Resp: 111388
Ion Ratio Lower Upper
240 100
120 6.3 3.8 5.6#
236 26.6 21.0 31.6

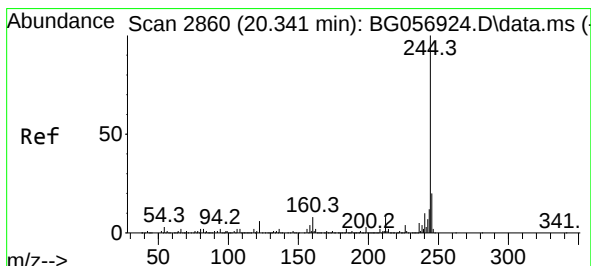
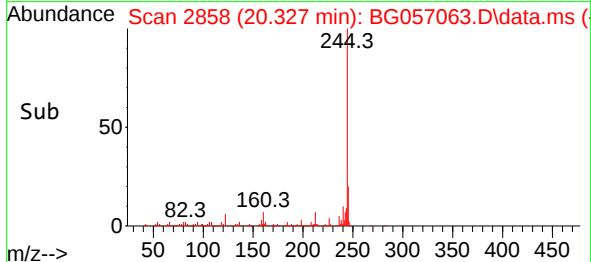
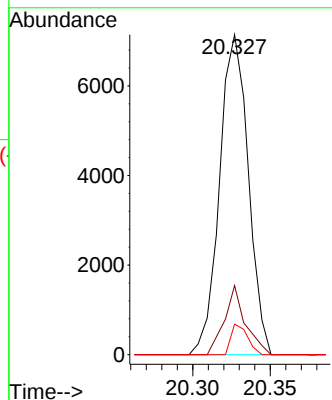
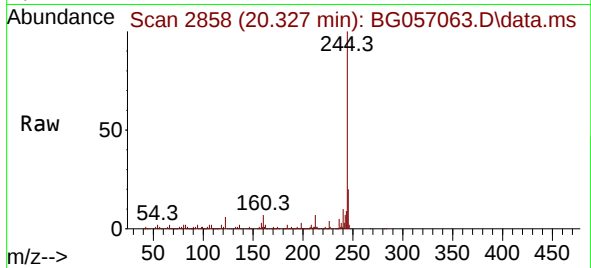




#77
Benzidine
Concen: 3.017 ng
RT: 20.327 min Scan# 2858
Delta R.T. 0.373 min
Lab File: BG057063.D
Acq: 12 Apr 2023 14:10

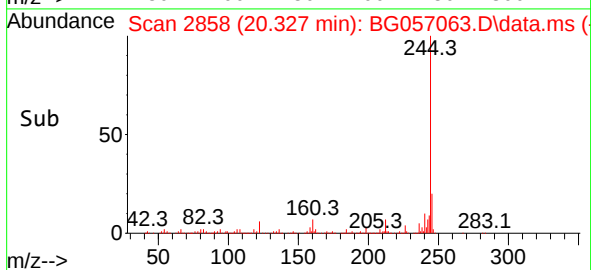
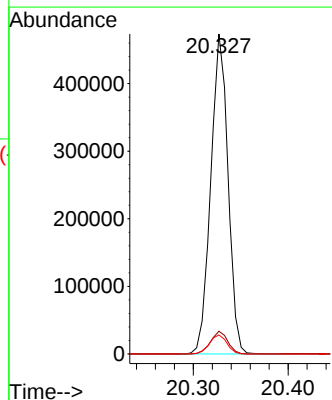
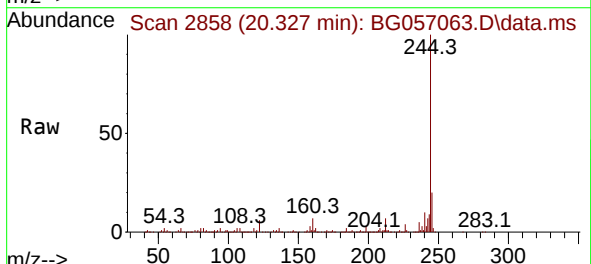
Instrument :
BNA_G
ClientSampleId :
PB152062BL

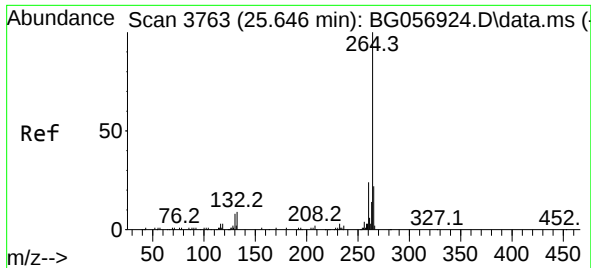
Tgt Ion:184 Resp: 9187
Ion Ratio Lower Upper
184 100
185 21.6 11.0 16.4#
183 9.6 11.4 17.0#



#79
Terphenyl-d14
Concen: 90.791 ng
RT: 20.327 min Scan# 2858
Delta R.T. 0.002 min
Lab File: BG057063.D
Acq: 12 Apr 2023 14:10

Tgt Ion:244 Resp: 597637
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 5.9 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.614 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG057063.D
Acq: 12 Apr 2023 14:10

Instrument :
BNA_G
ClientSampleId :
PB152062BL

Tgt Ion:264 Resp: 114600

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	19.9	17.8	26.6

