

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
 Data File : BG057079.D
 Acq On : 13 Apr 2023 12:35
 Operator : CG/JU
 Sample : PB151111TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151111TB

Quant Time: Apr 13 13:12:31 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)

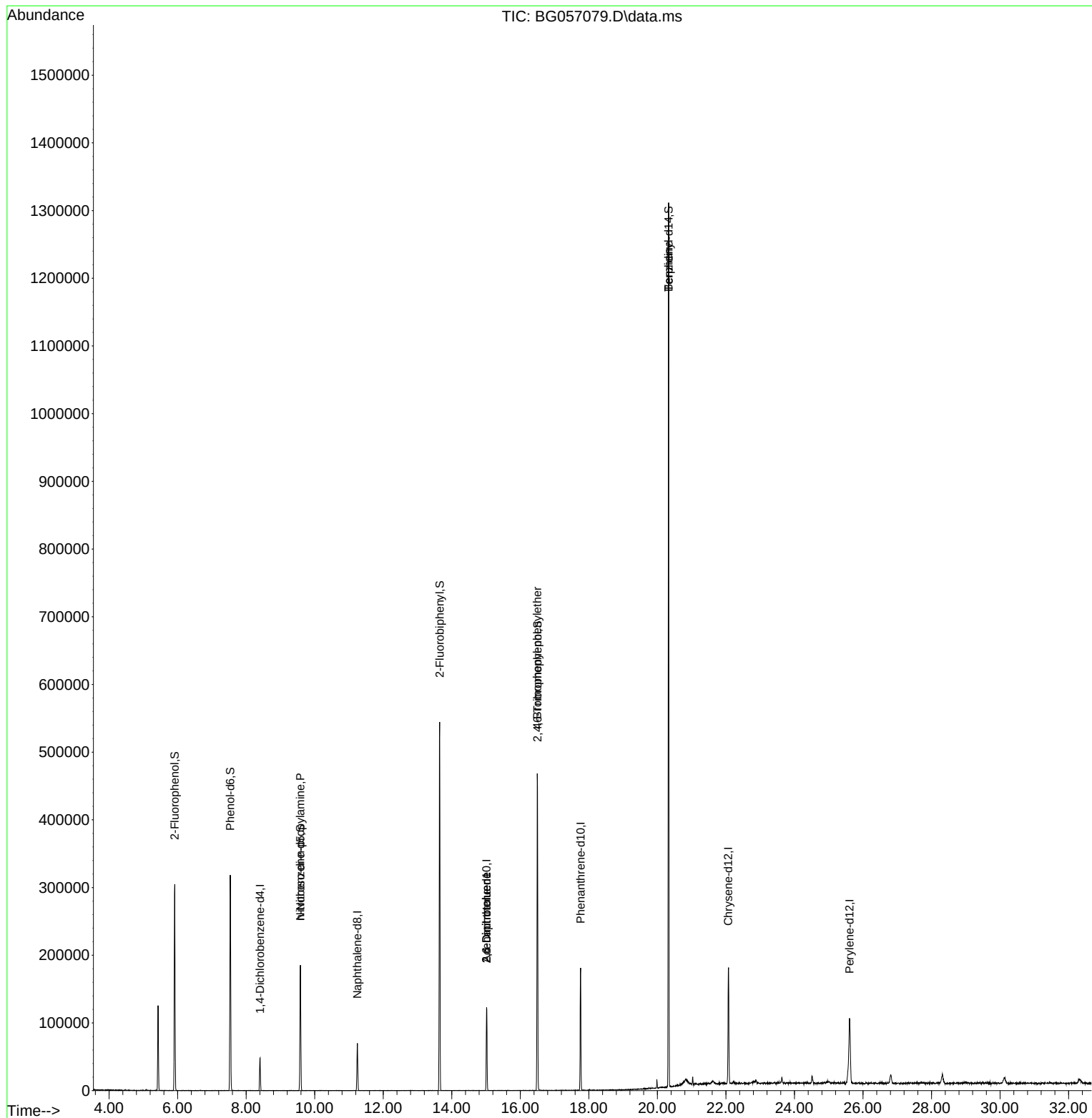
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.407	152	13649	20.000	ng	# 0.00
21) Naphthalene-d8	11.244	136	57071	20.000	ng	0.00
39) Acenaphthene-d10	15.015	164	44730	20.000	ng	0.00
64) Phenanthrene-d10	17.759	188	118494	20.000	ng	0.00
76) Chrysene-d12	22.070	240	112991	20.000	ng	#-0.01
86) Perylene-d12	25.607	264	116325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.916	112	125868	147.590	ng	0.00
7) Phenol-d6	7.537	99	177536	139.189	ng	0.00
23) Nitrobenzene-d5	9.582	82	115722	82.968	ng	0.00
42) 2,4,6-Tribromophenol	16.502	330	97981	137.118	ng	0.00
45) 2-Fluorobiphenyl	13.647	172	277081	83.998	ng	0.00
79) Terphenyl-d14	20.326	244	626326	93.799	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.582	70	16041	17.582	ng	# 78
51) 2,6-Dinitrotoluene	15.015	165	6172	8.105	ng	# 18
57) 2,4-Dinitrotoluene	15.015	165	6172	5.747	ng	# 18
67) 4-Bromophenyl-phenylether	16.496	248	6021	4.107	ng	# 1
77) Benzidine	20.326	184	9894	3.204	ng	# 89

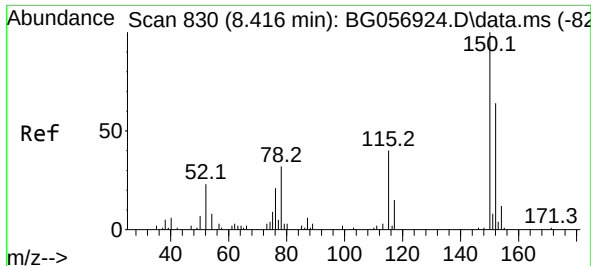
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 13 13:12:31 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

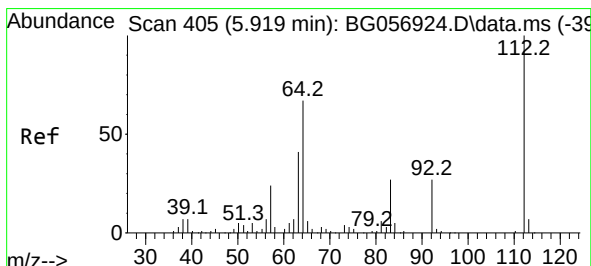
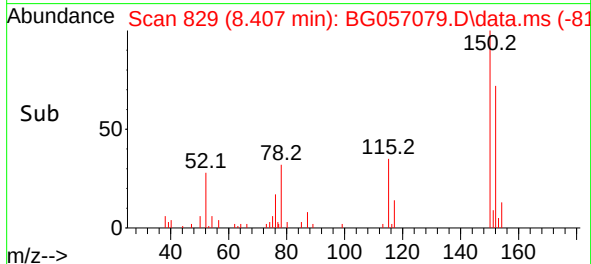
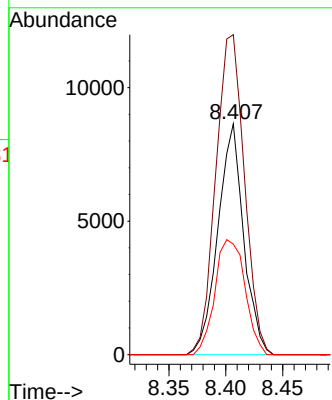
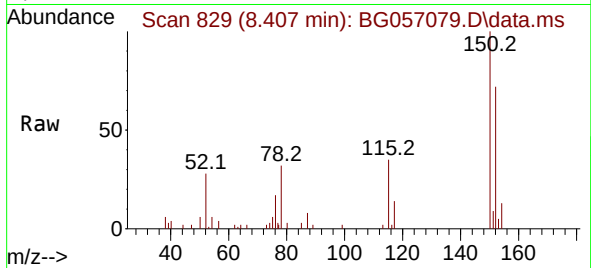




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.407 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057079.D
Acq: 13 Apr 2023 12:35

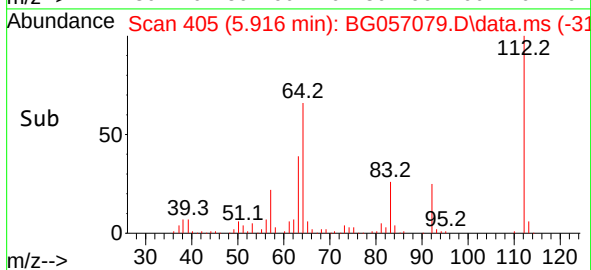
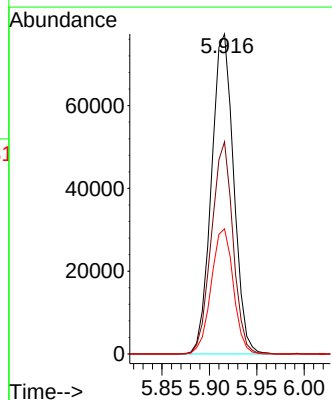
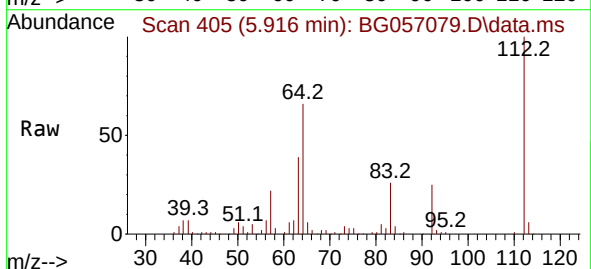
Instrument :
BNA_G
ClientSampleId :
PB151111TB

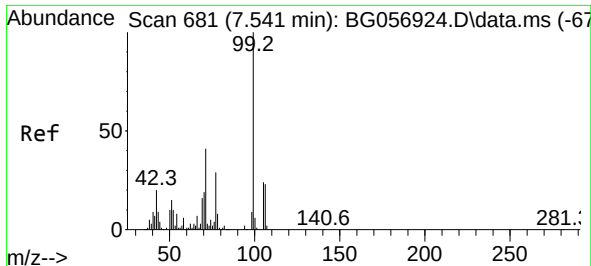
Tgt Ion:152 Resp: 13649
Ion Ratio Lower Upper
152 100
150 138.6 124.1 186.1
115 47.9 49.1 73.7#



#5
2-Fluorophenol
Concen: 147.590 ng
RT: 5.916 min Scan# 405
Delta R.T. 0.001 min
Lab File: BG057079.D
Acq: 13 Apr 2023 12:35

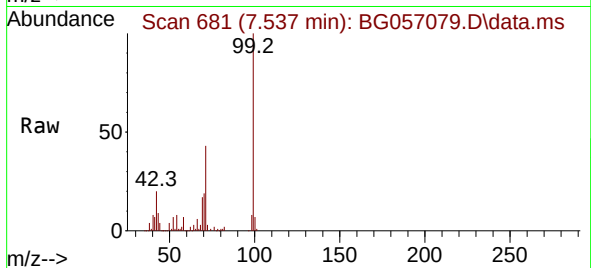
Tgt Ion:112 Resp: 125868
Ion Ratio Lower Upper
112 100
64 66.3 53.2 79.8
63 39.1 32.6 48.8



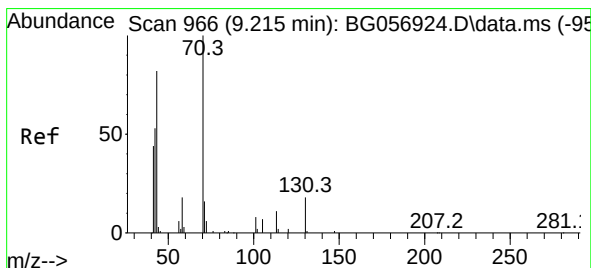
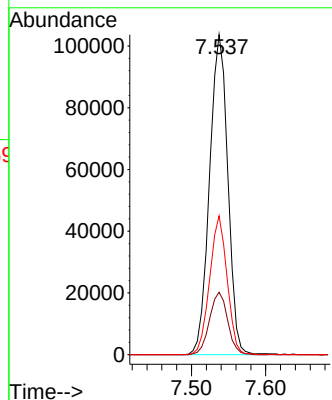
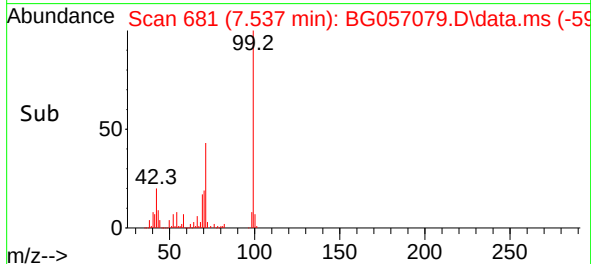


#7
Phenol-d6
Concen: 139.189 ng
RT: 7.537 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057079.D
Acq: 13 Apr 2023 12:35

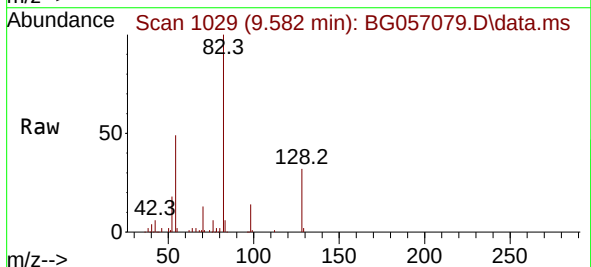
Instrument :
BNA_G
ClientSampleId :
PB151111TB



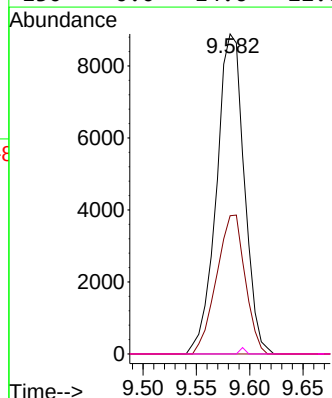
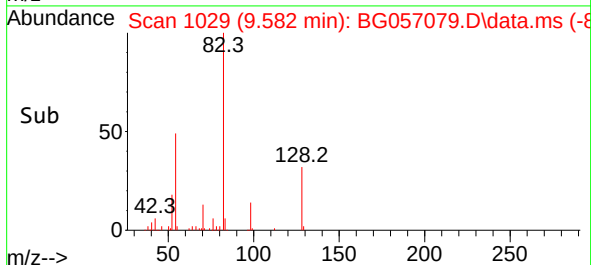
Tgt Ion: 99 Resp: 177536
Ion Ratio Lower Upper
99 100
42 19.5 15.7 23.5
71 43.4 32.5 48.7

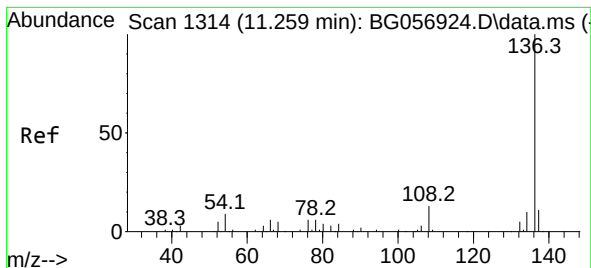


#19
n-Nitroso-di-n-propylamine
Concen: 17.582 ng
RT: 9.582 min Scan# 1029
Delta R.T. 0.371 min
Lab File: BG057079.D
Acq: 13 Apr 2023 12:35



Tgt Ion: 70 Resp: 16041
Ion Ratio Lower Upper
70 100
42 43.2 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: 11.244 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG057079.D

Acq: 13 Apr 2023 12:35

Instrument :

BNA_G

ClientSampleId :

PB151111TB

Tgt Ion:136 Resp: 57071

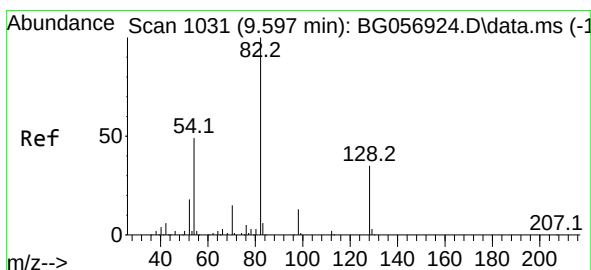
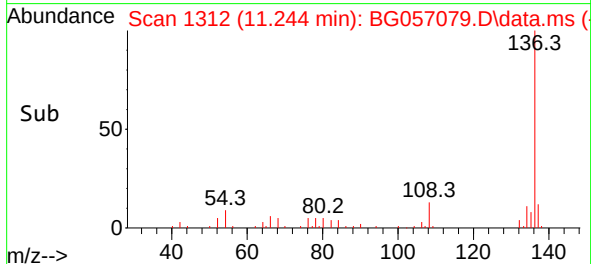
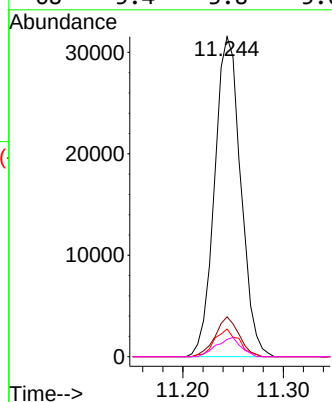
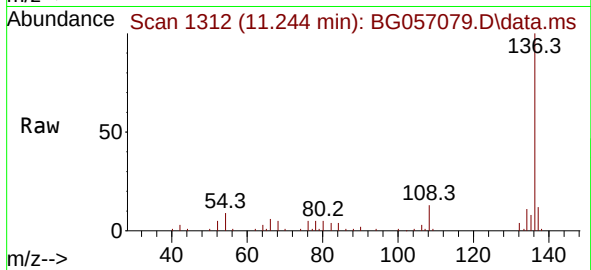
Ion Ratio Lower Upper

136 100

137 12.4 8.6 13.0

54 8.6 6.9 10.3

68 5.4 3.8 5.6



#23

Nitrobenzene-d5

Concen: 82.968 ng

RT: 9.582 min Scan# 1029

Delta R.T. -0.005 min

Lab File: BG057079.D

Acq: 13 Apr 2023 12:35

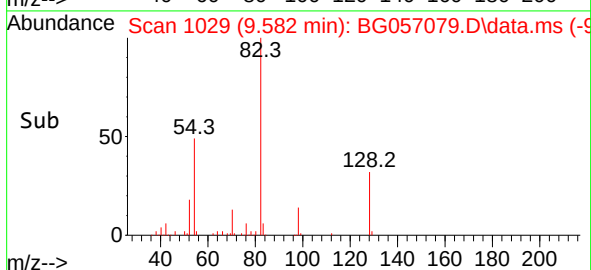
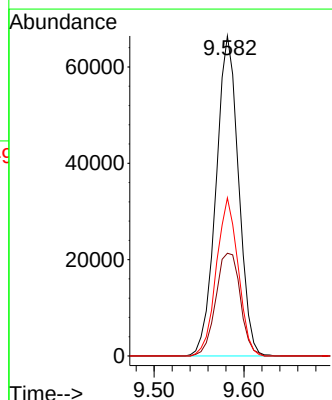
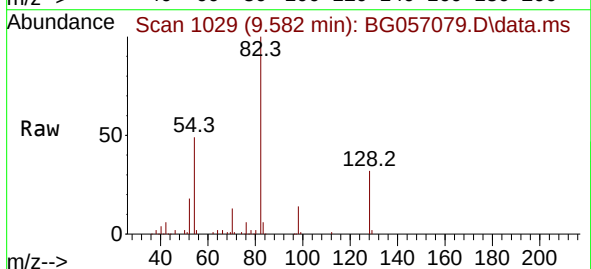
Tgt Ion: 82 Resp: 115722

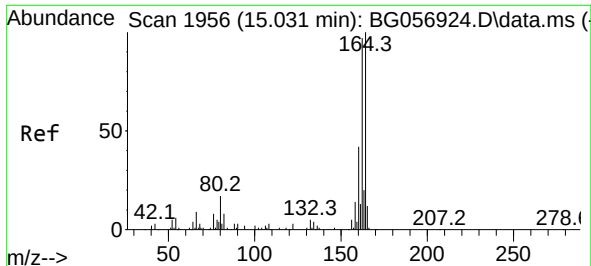
Ion Ratio Lower Upper

82 100

128 32.1 27.9 41.9

54 49.4 39.4 59.2

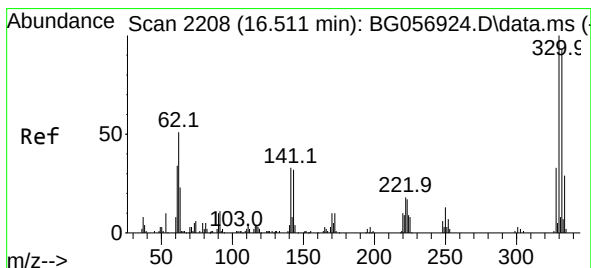
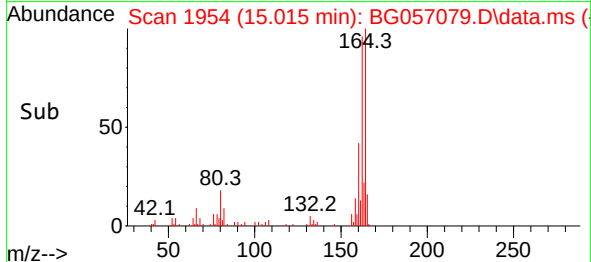
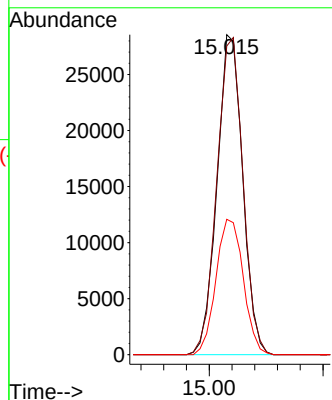
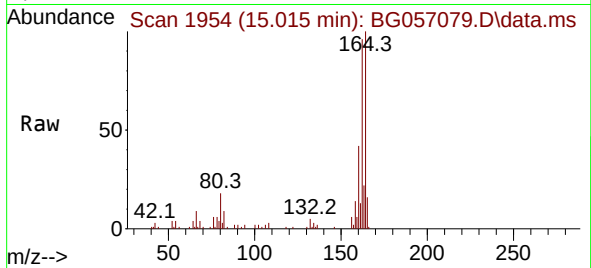




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.015 min Scan# 1954
Delta R.T. -0.005 min
Lab File: BG057079.D
Acq: 13 Apr 2023 12:35

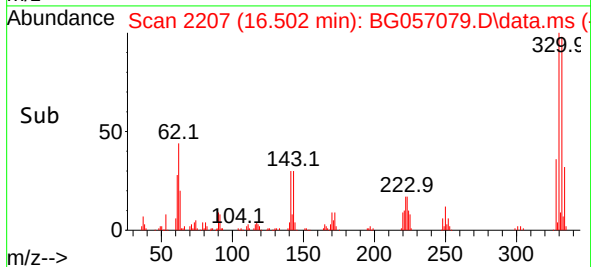
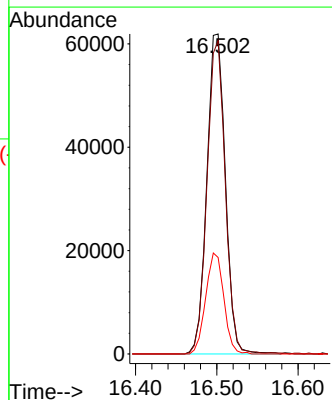
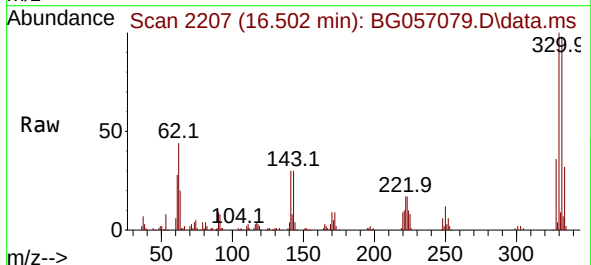
Instrument :
BNA_G
ClientSampleId :
PB151111TB

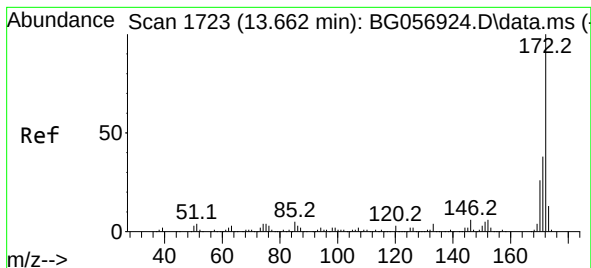
Tgt Ion:164 Resp: 44730
Ion Ratio Lower Upper
164 100
162 96.4 77.8 116.8
160 42.3 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 137.118 ng
RT: 16.502 min Scan# 2207
Delta R.T. 0.001 min
Lab File: BG057079.D
Acq: 13 Apr 2023 12:35

Tgt Ion:330 Resp: 97981
Ion Ratio Lower Upper
330 100
332 96.0 76.1 114.1
141 30.8 25.8 38.6





#45

2-Fluorobiphenyl

Concen: 83.998 ng

RT: 13.647 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG057079.D

Acq: 13 Apr 2023 12:35

Instrument :

BNA_G

ClientSampleId :

PB151111TB

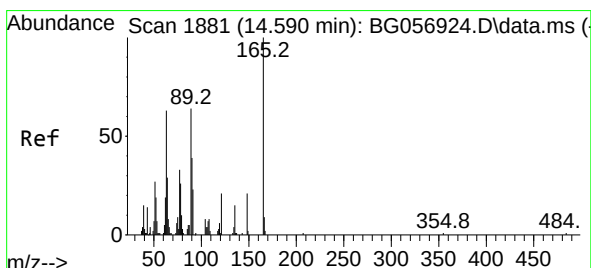
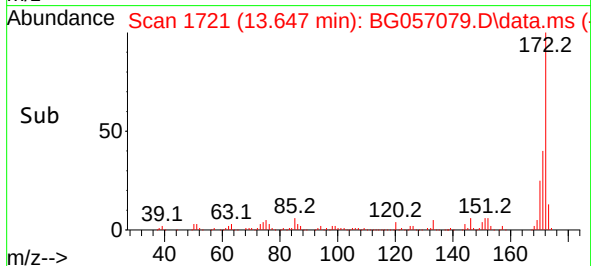
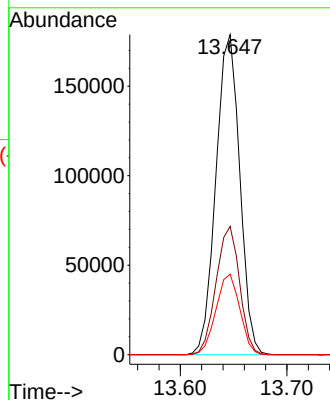
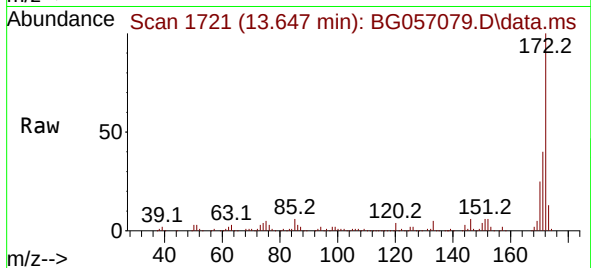
Tgt Ion:172 Resp: 277081

Ion Ratio Lower Upper

172 100

171 40.1 30.6 46.0

170 25.1 20.6 30.8



#51

2,6-Dinitrotoluene

Concen: 8.105 ng

RT: 15.015 min Scan# 1954

Delta R.T. 0.430 min

Lab File: BG057079.D

Acq: 13 Apr 2023 12:35

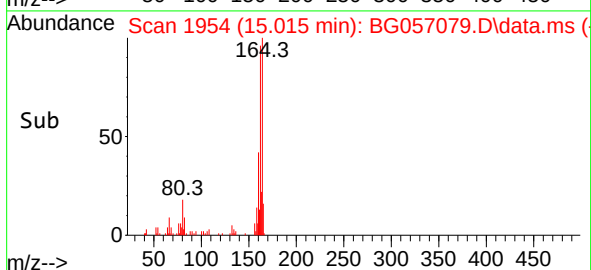
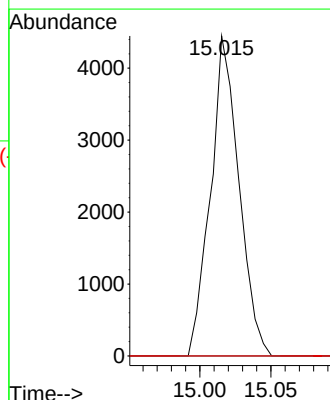
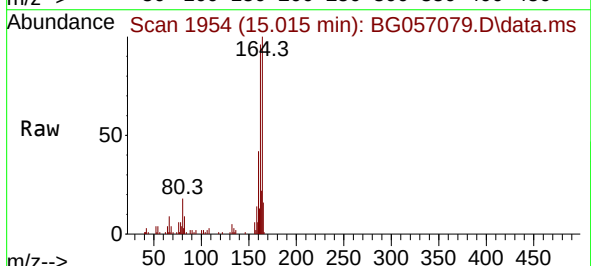
Tgt Ion:165 Resp: 6172

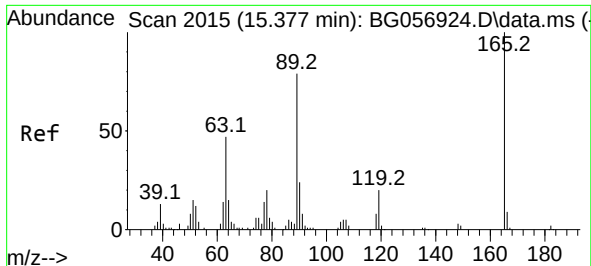
Ion Ratio Lower Upper

165 100

63 0.0 53.0 79.6#

89 0.0 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.747 ng

RT: 15.015 min Scan# 1954

Delta R.T. -0.351 min

Lab File: BG057079.D

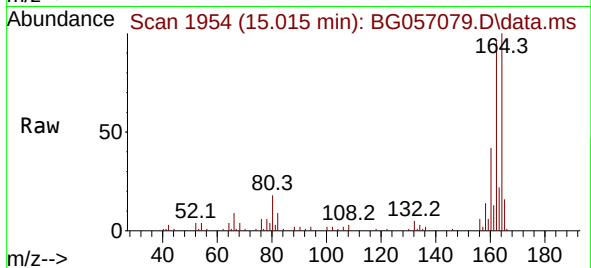
Acq: 13 Apr 2023 12:35

Instrument :

BNA_G

ClientSampleId :

PB151111TB



Tgt Ion:165 Resp: 6172

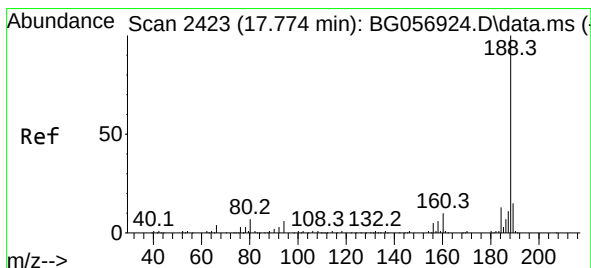
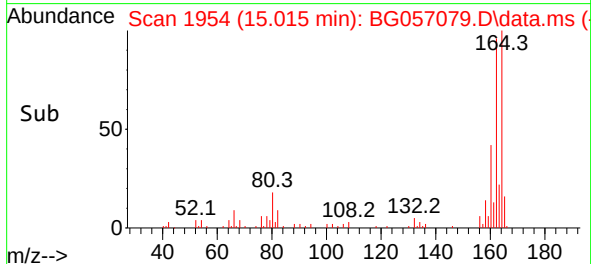
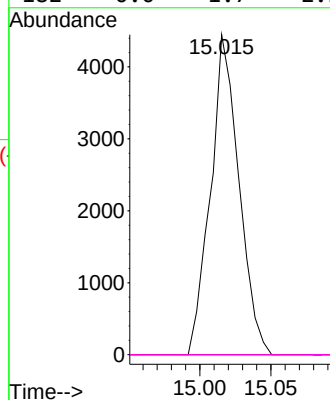
Ion Ratio Lower Upper

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: 17.759 min Scan# 2421

Delta R.T. -0.005 min

Lab File: BG057079.D

Acq: 13 Apr 2023 12:35

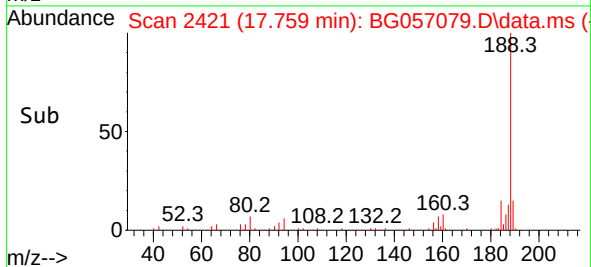
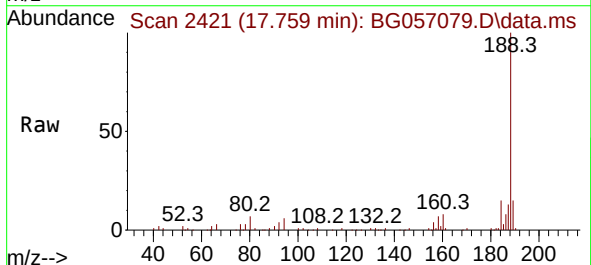
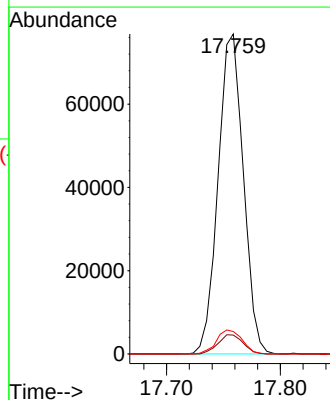
Tgt Ion:188 Resp: 118494

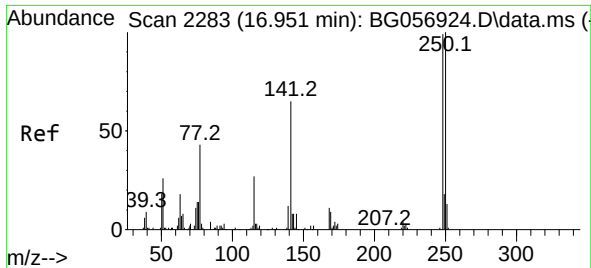
Ion Ratio Lower Upper

188 100

94 5.9 4.6 6.8

80 7.0 5.5 8.3

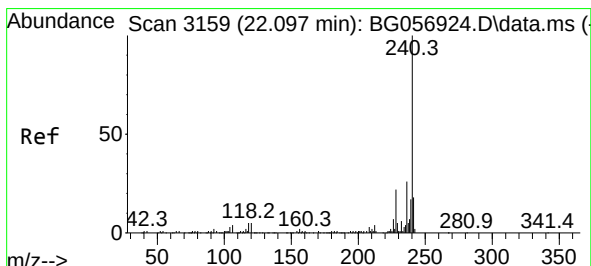
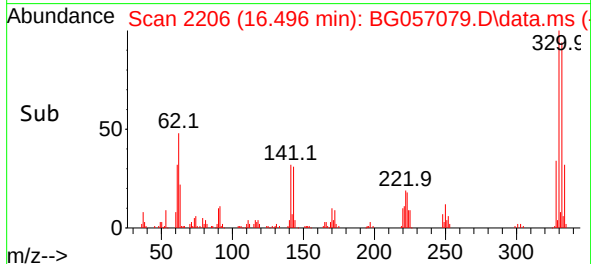
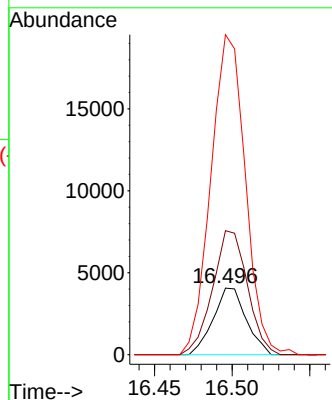
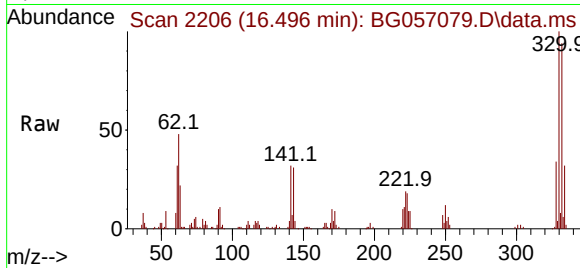




#67
4-Bromophenyl-phenylether
Concen: 4.107 ng
RT: 16.496 min Scan# 21
Delta R.T. -0.439 min
Lab File: BG057079.D
Acq: 13 Apr 2023 12:35

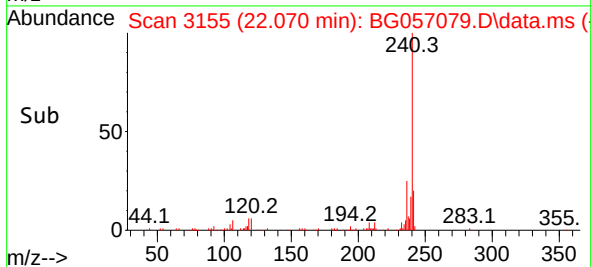
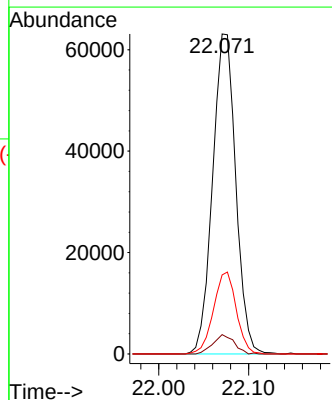
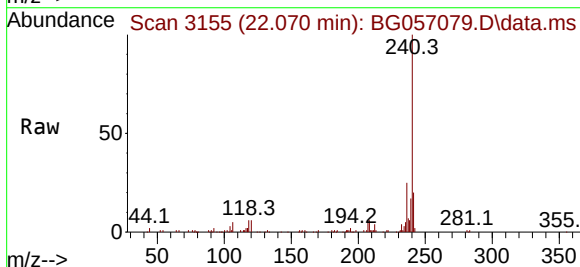
Instrument :
BNA_G
ClientSampleId :
PB151111TB

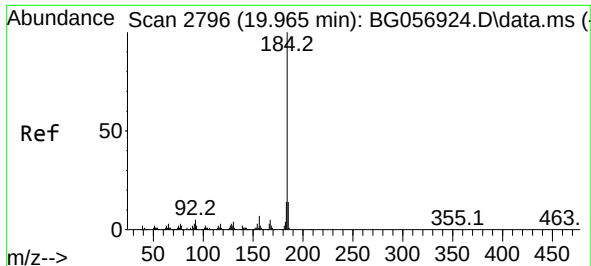
Tgt Ion:248 Resp: 6021
Ion Ratio Lower Upper
248 100
250 186.5 80.5 120.7#
141 481.1 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.070 min Scan# 3155
Delta R.T. -0.010 min
Lab File: BG057079.D
Acq: 13 Apr 2023 12:35

Tgt Ion:240 Resp: 112991
Ion Ratio Lower Upper
240 100
120 6.0 3.8 5.6#
236 24.7 21.0 31.6

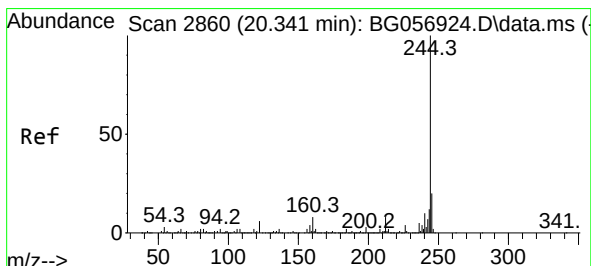
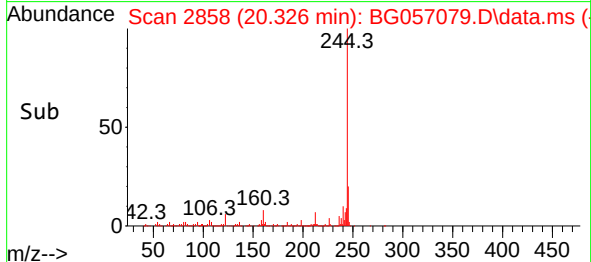
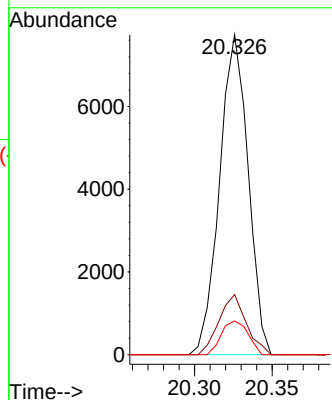
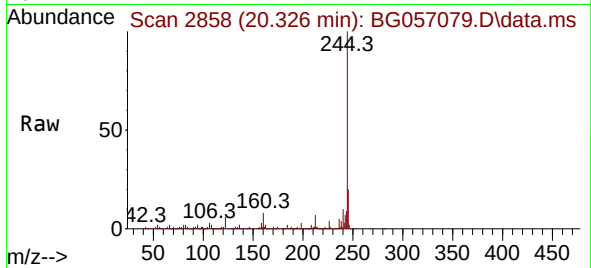




#77
Benzidine
Concen: 3.204 ng
RT: 20.326 min Scan# 2858
Delta R.T. 0.371 min
Lab File: BG057079.D
Acq: 13 Apr 2023 12:35

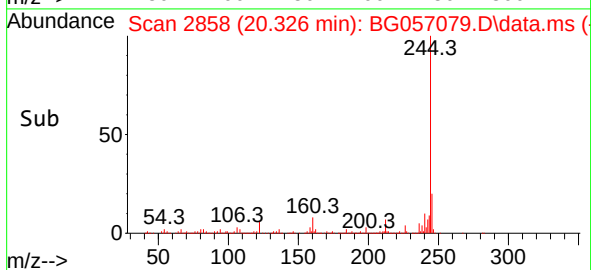
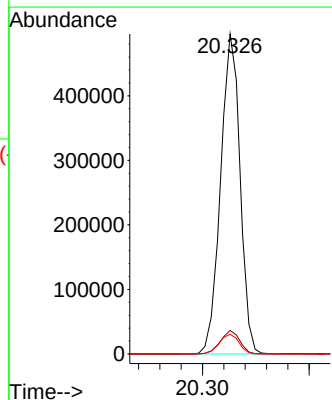
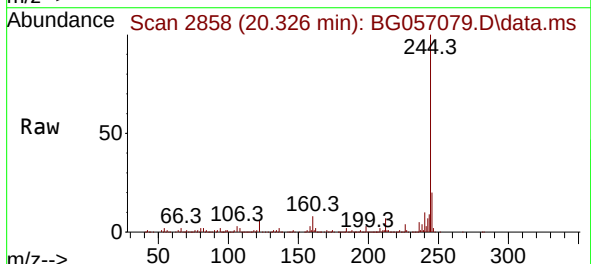
Instrument :
BNA_G
ClientSampleId :
PB151111TB

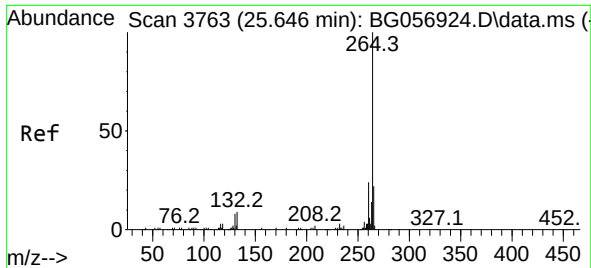
Tgt Ion:184 Resp: 9894
Ion Ratio Lower Upper
184 100
185 18.8 11.0 16.4#
183 10.5 11.4 17.0#



#79
Terphenyl-d14
Concen: 93.799 ng
RT: 20.326 min Scan# 2858
Delta R.T. 0.001 min
Lab File: BG057079.D
Acq: 13 Apr 2023 12:35

Tgt Ion:244 Resp: 626326
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 6.2 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.607 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG057079.D
Acq: 13 Apr 2023 12:35

Instrument :
BNA_G
ClientSampleId :
PB151111TB

Tgt Ion:264 Resp: 116325

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.0	28.4
265	20.4	17.8	26.6

