

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041023\
 Data File : BG057039.D
 Acq On : 10 Apr 2023 10:36
 Operator : CG/JU
 Sample : PB151838TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151838TB

Quant Time: Apr 11 04:11:31 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)

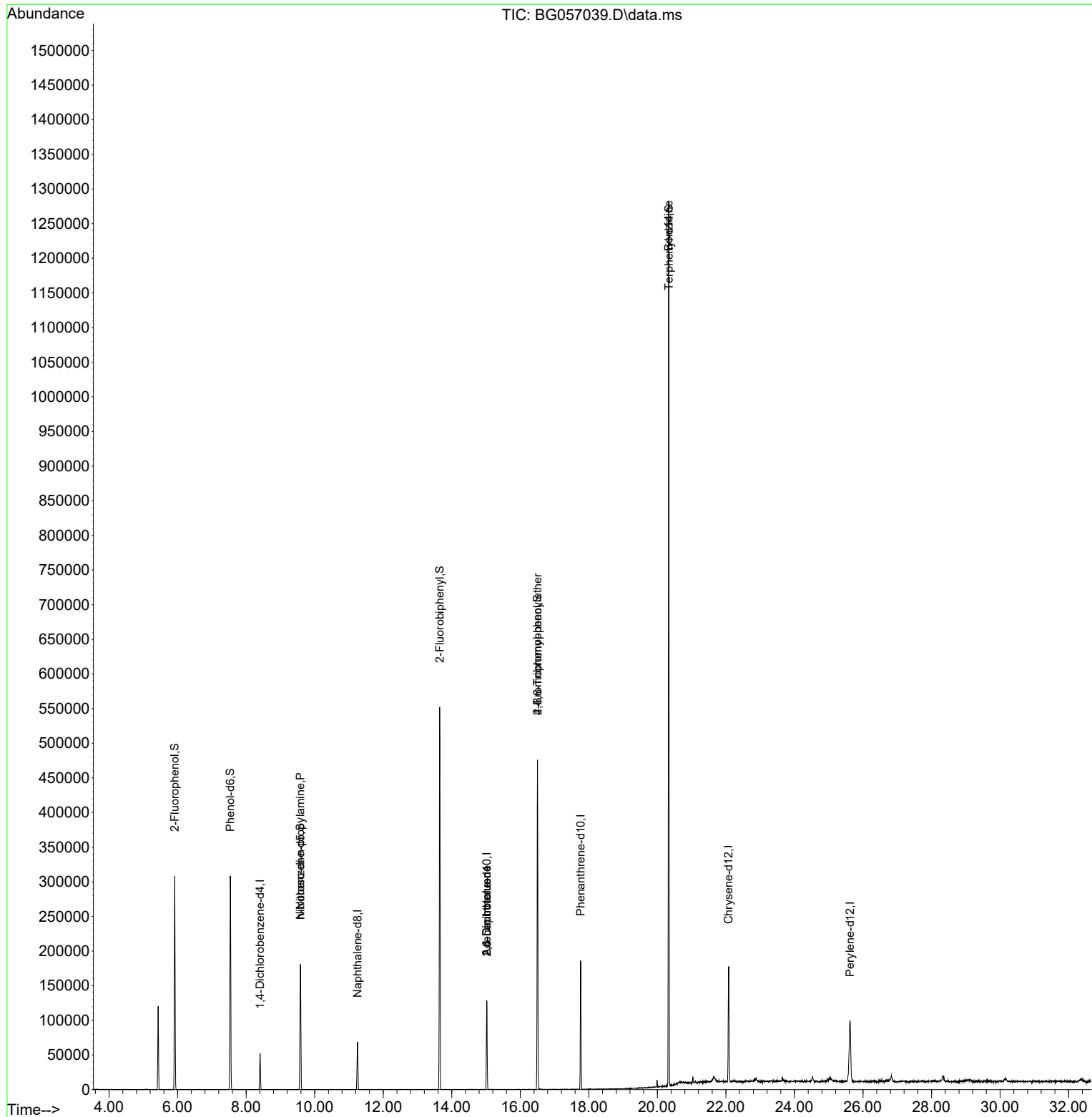
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.407	152	14597	20.000	ng	0.00
21) Naphthalene-d8	11.250	136	59594	20.000	ng	0.00
39) Acenaphthene-d10	15.022	164	45784	20.000	ng	0.00
64) Phenanthrene-d10	17.759	188	117561	20.000	ng	0.00
76) Chrysene-d12	22.077	240	105231	20.000	ng	0.00
86) Perylene-d12	25.625	264	109036	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.916	112	126809	139.036	ng	0.00
7) Phenol-d6	7.538	99	179642	131.693	ng	0.00
23) Nitrobenzene-d5	9.582	82	114494	78.612	ng	0.00
42) 2,4,6-Tribromophenol	16.502	330	98513	134.688	ng	0.00
45) 2-Fluorobiphenyl	13.647	172	281273	83.306	ng	0.00
79) Terphenyl-d14	20.332	244	632582	101.722	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.582	70	16369	16.777	ng	# 78
51) 2,6-Dinitrotoluene	15.022	165	5416	6.949	ng	# 18
57) 2,4-Dinitrotoluene	15.022	165	5416	4.927	ng	# 18
67) 4-Bromophenyl-phenylether	16.502	248	6248	4.295	ng	# 1
77) Benzidine	20.326	184	9798	3.406	ng	# 87

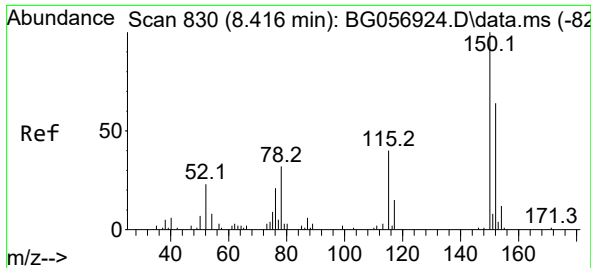
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041023\
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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

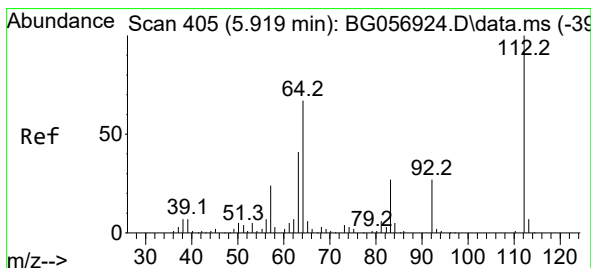
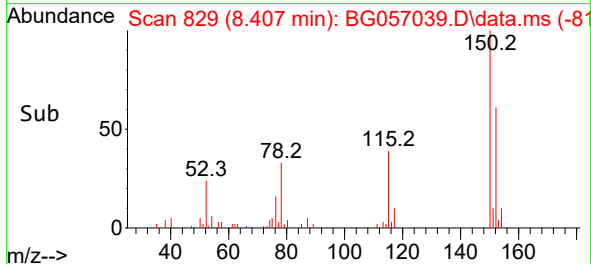
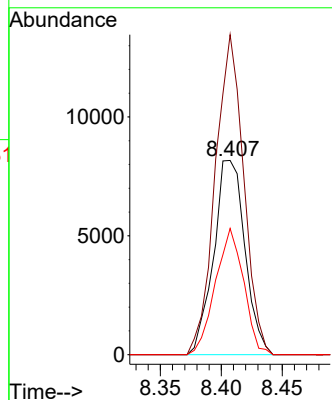
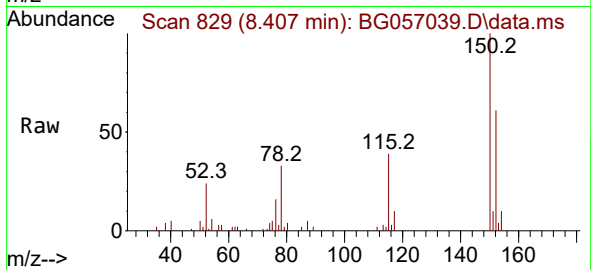




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.407 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057039.D
Acq: 10 Apr 2023 10:36

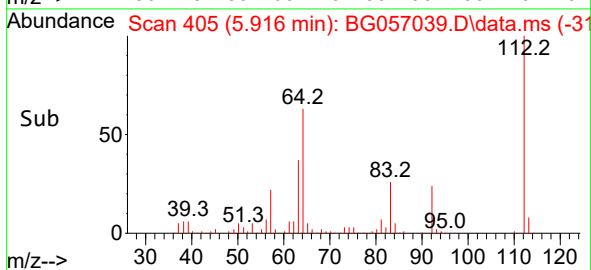
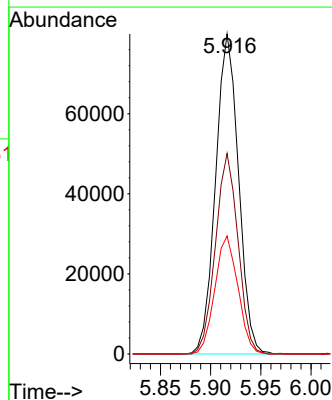
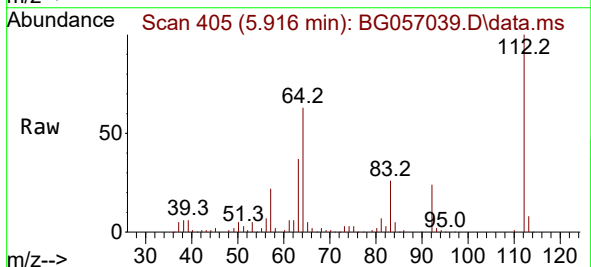
Instrument :
BNA_G
ClientSampleId :
PB151838TB

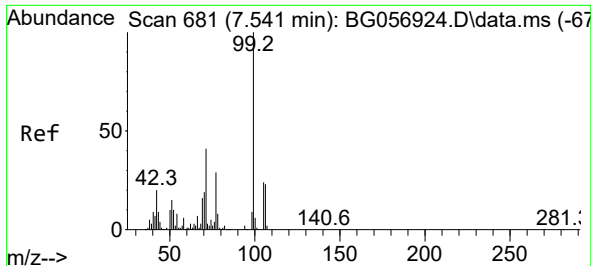
Tgt Ion:152 Resp: 14597
Ion Ratio Lower Upper
152 100
150 164.8 124.1 186.1
115 65.0 49.1 73.7



#5
2-Fluorophenol
Concen: 139.036 ng
RT: 5.916 min Scan# 405
Delta R.T. -0.001 min
Lab File: BG057039.D
Acq: 10 Apr 2023 10:36

Tgt Ion:112 Resp: 126809
Ion Ratio Lower Upper
112 100
64 62.6 53.2 79.8
63 36.9 32.6 48.8

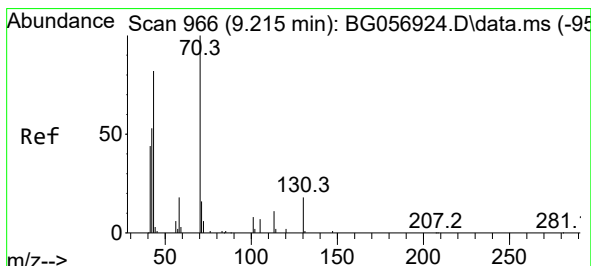
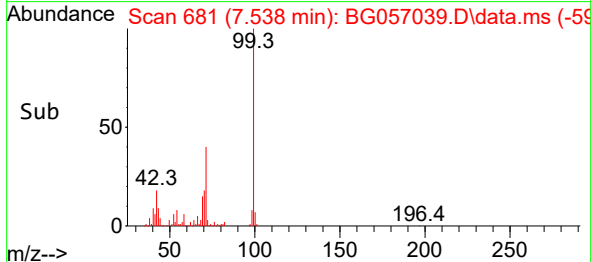
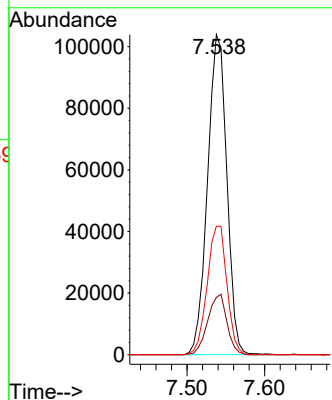
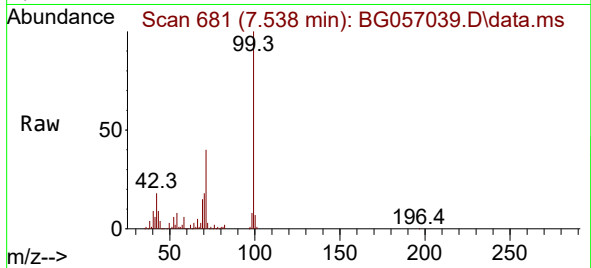




#7
Phenol-d6
Concen: 131.693 ng
RT: 7.538 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057039.D
Acq: 10 Apr 2023 10:36

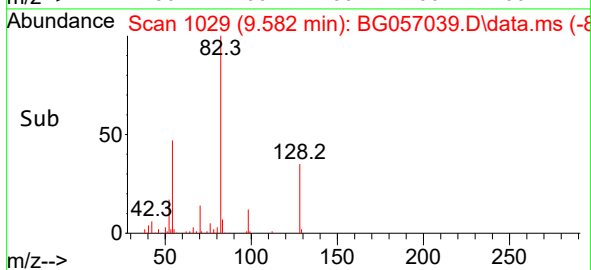
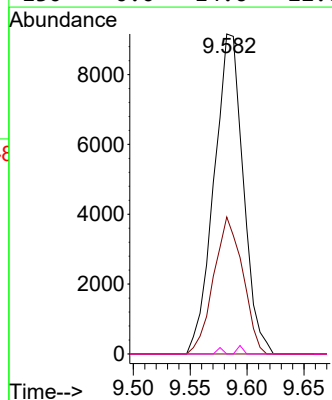
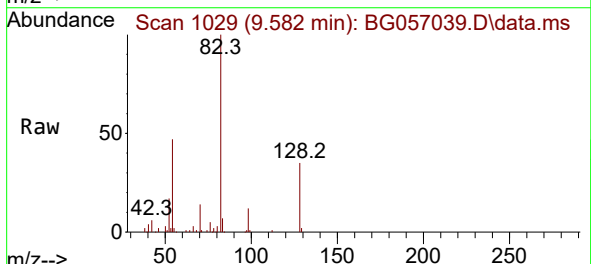
Instrument :
BNA_G
ClientSampleId :
PB151838TB

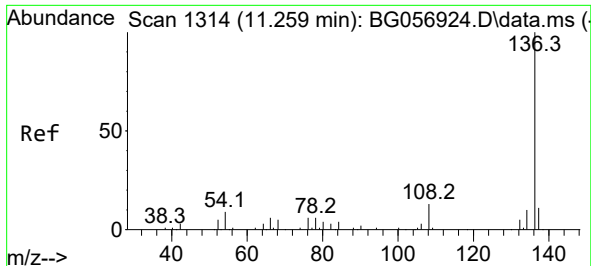
Tgt Ion: 99 Resp: 179642
Ion Ratio Lower Upper
99 100
42 17.9 15.7 23.5
71 40.2 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.777 ng
RT: 9.582 min Scan# 1029
Delta R.T. 0.370 min
Lab File: BG057039.D
Acq: 10 Apr 2023 10:36

Tgt Ion: 70 Resp: 16369
Ion Ratio Lower Upper
70 100
42 42.8 43.4 65.0#
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#

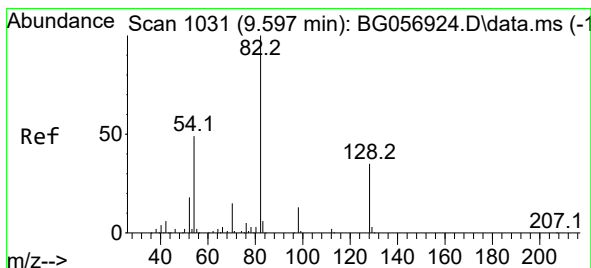
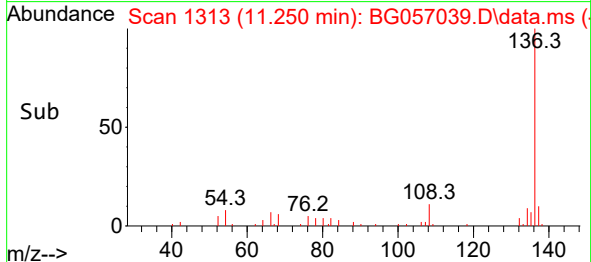
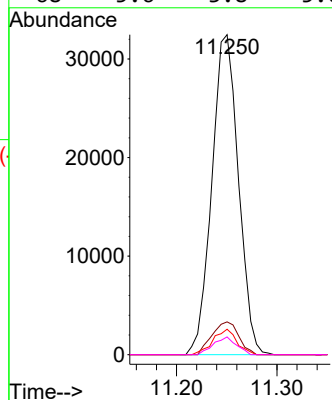
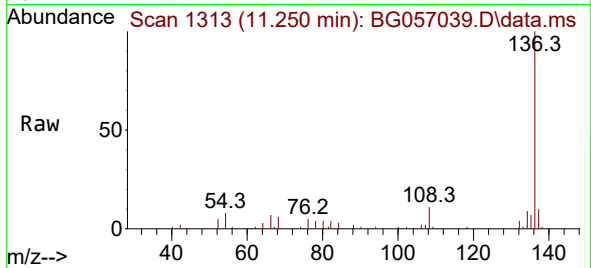




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.250 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057039.D
Acq: 10 Apr 2023 10:36

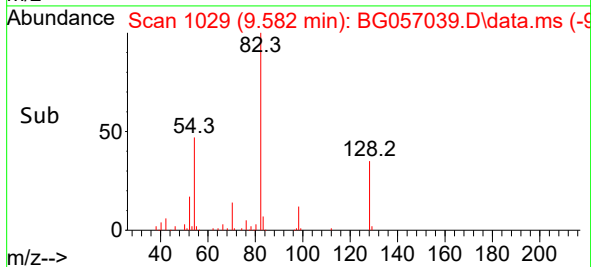
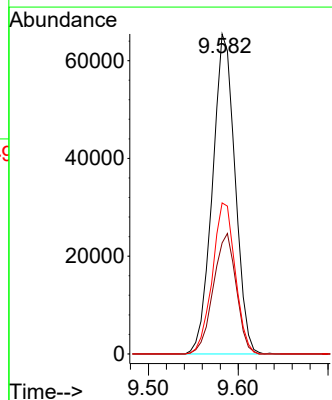
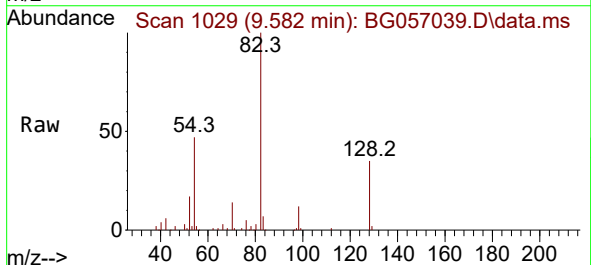
Instrument :
BNA_G
ClientSampleId :
PB151838TB

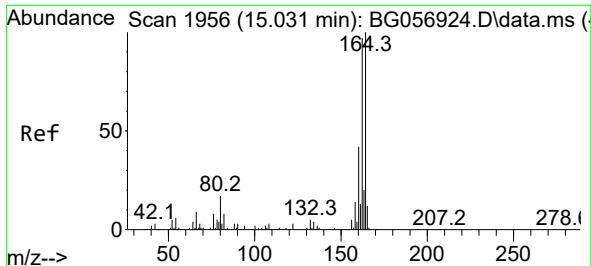
Tgt Ion:136	Resp:	59594
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.6 13.0
54	8.0	6.9 10.3
68	5.6	3.8 5.6



#23
Nitrobenzene-d5
Concen: 78.612 ng
RT: 9.582 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BG057039.D
Acq: 10 Apr 2023 10:36

Tgt Ion: 82	Resp:	114494
Ion Ratio	Lower	Upper
82	100	
128	34.7	27.9 41.9
54	47.2	39.4 59.2

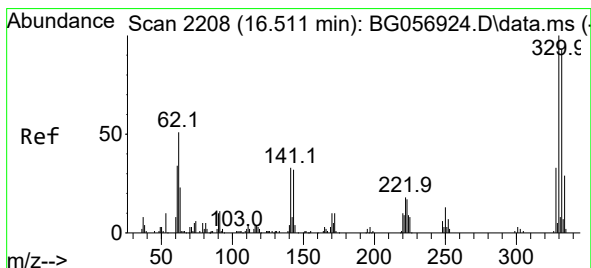
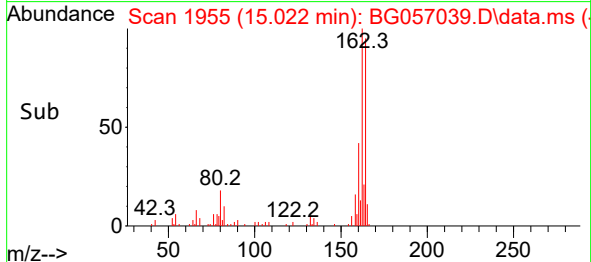
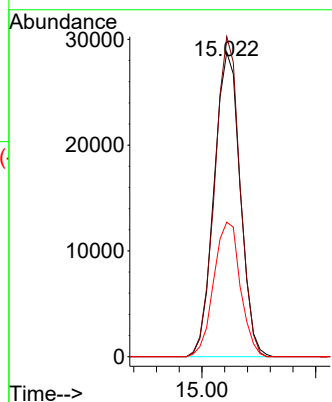
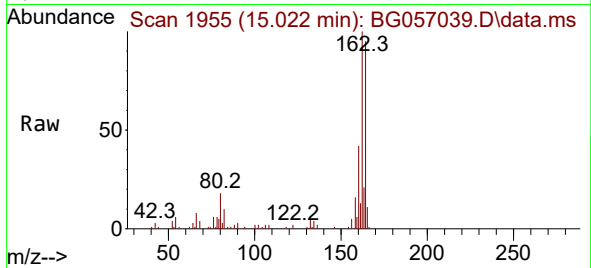




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.022 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG057039.D
Acq: 10 Apr 2023 10:36

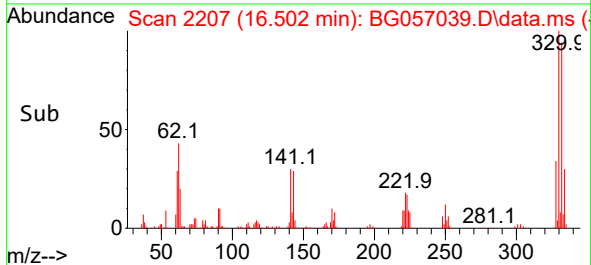
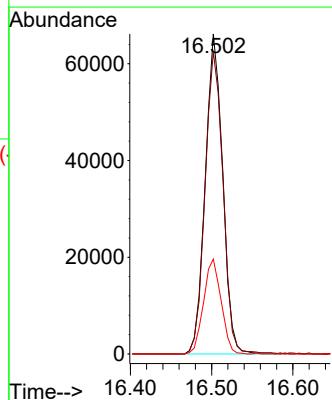
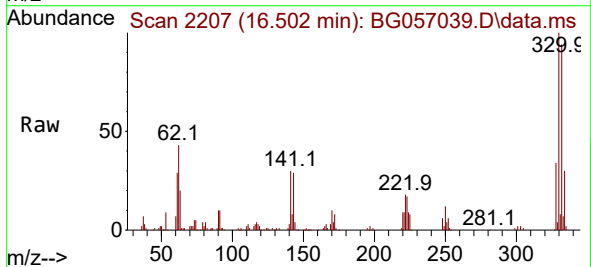
Instrument :
BNA_G
ClientSampleId :
PB151838TB

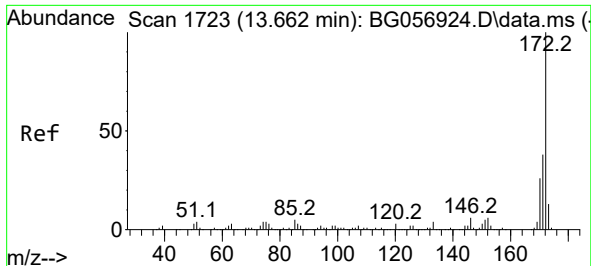
Tgt Ion:164 Resp: 45784
Ion Ratio Lower Upper
164 100
162 105.1 77.8 116.8
160 44.2 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 134.688 ng
RT: 16.502 min Scan# 2207
Delta R.T. -0.001 min
Lab File: BG057039.D
Acq: 10 Apr 2023 10:36

Tgt Ion:330 Resp: 98513
Ion Ratio Lower Upper
330 100
332 97.0 76.1 114.1
141 29.8 25.8 38.6

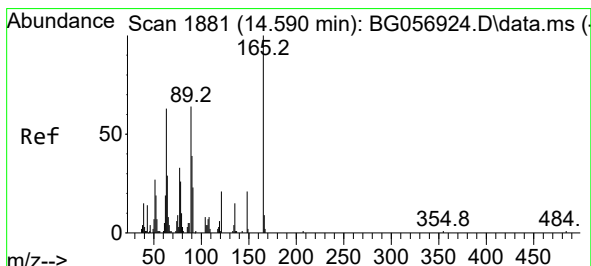
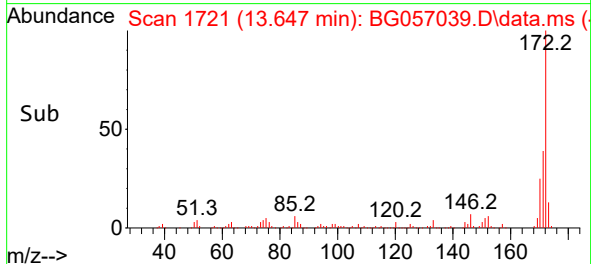
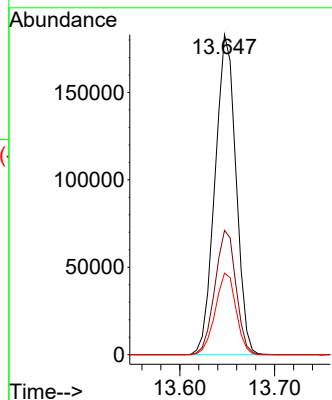
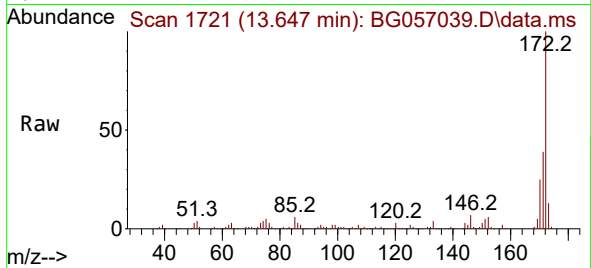




#45
2-Fluorobiphenyl
Concen: 83.306 ng
RT: 13.647 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057039.D
Acq: 10 Apr 2023 10:36

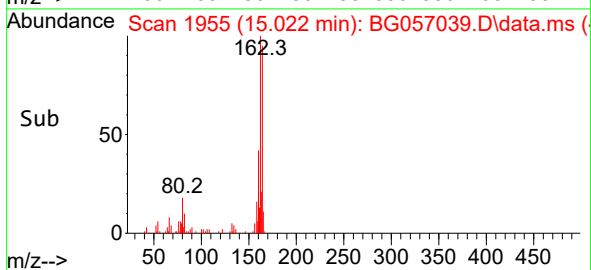
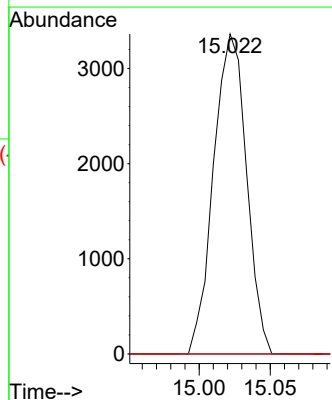
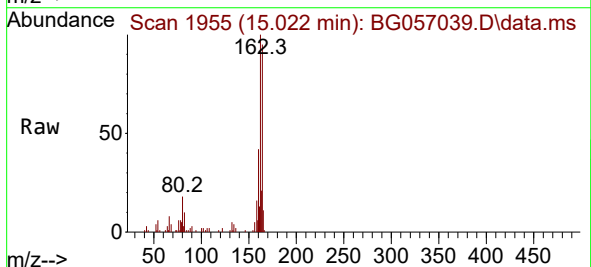
Instrument :
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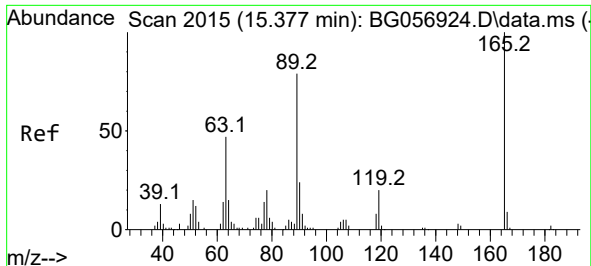
Tgt Ion:172 Resp: 281273
Ion Ratio Lower Upper
172 100
171 38.8 30.6 46.0
170 25.5 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 6.949 ng
RT: 15.022 min Scan# 1955
Delta R.T. 0.434 min
Lab File: BG057039.D
Acq: 10 Apr 2023 10:36

Tgt Ion:165 Resp: 5416
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: 4.927 ng

RT: 15.022 min Scan# 1955

Delta R.T. -0.347 min

Lab File: BG057039.D

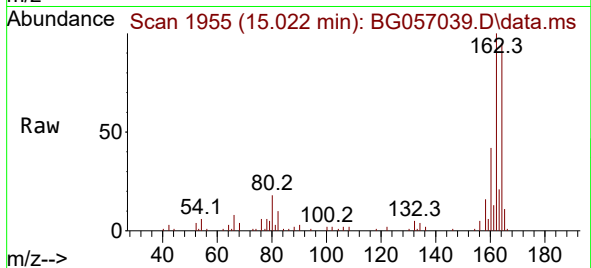
Acq: 10 Apr 2023 10:36

Instrument :

BNA_G

ClientSampleId :

PB151838TB



Tgt Ion:165 Resp: 5416

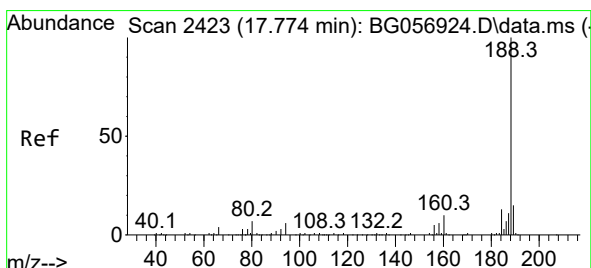
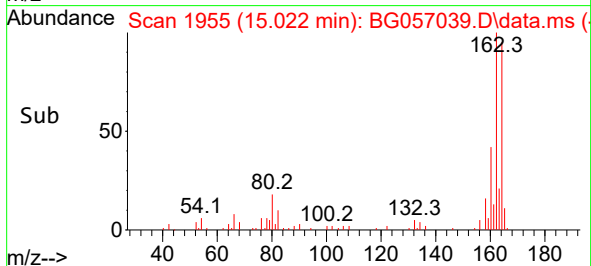
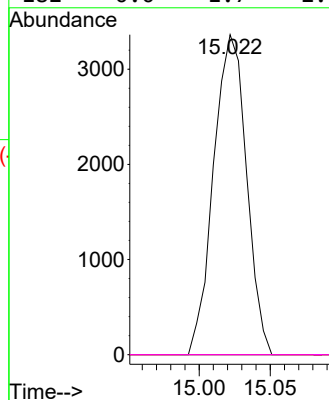
Ion Ratio Lower Upper

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. -0.001 min

Lab File: BG057039.D

Acq: 10 Apr 2023 10:36

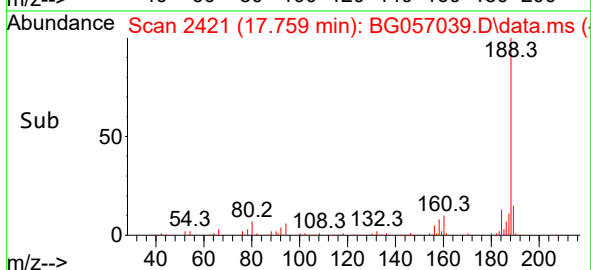
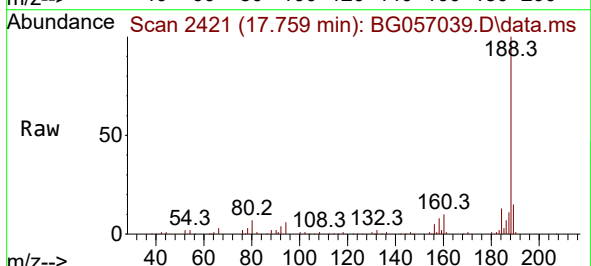
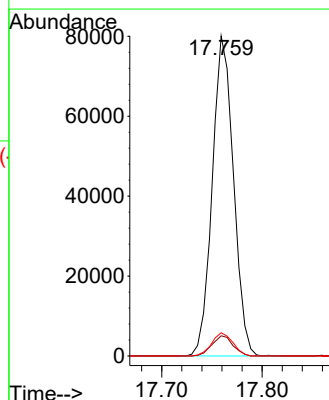
Tgt Ion:188 Resp: 117561

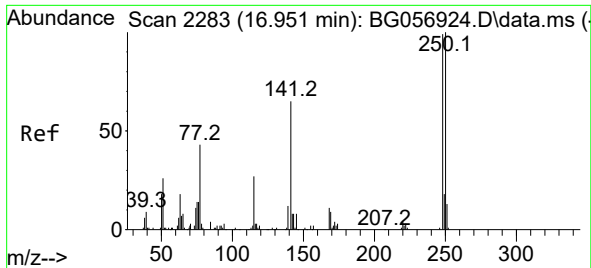
Ion Ratio Lower Upper

188 100

94 6.3 4.6 6.8

80 7.3 5.5 8.3

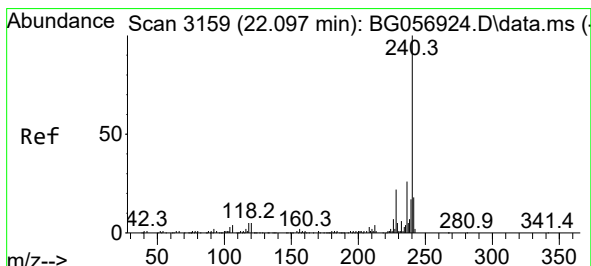
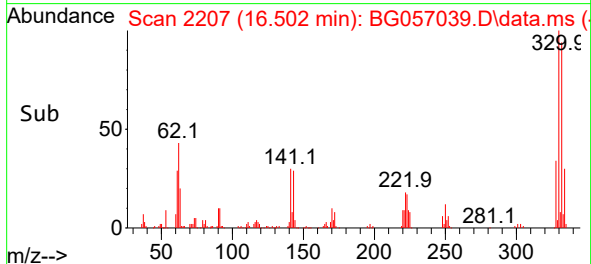
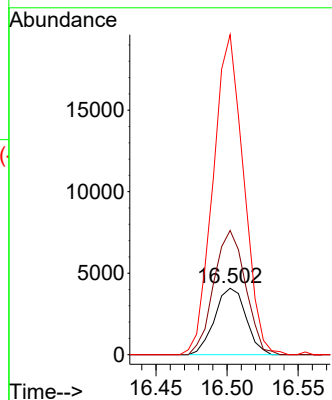
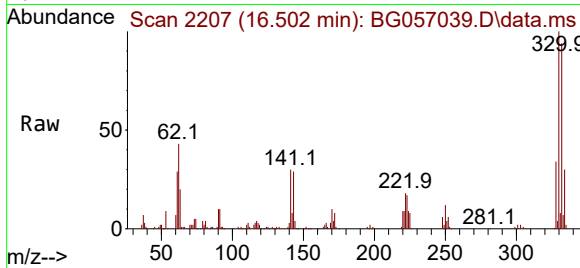




#67
4-Bromophenyl-phenylether
Concen: 4.295 ng
RT: 16.502 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG057039.D
Acq: 10 Apr 2023 10:36

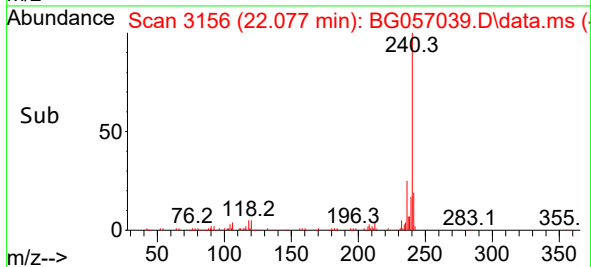
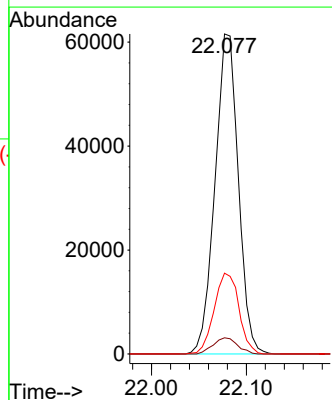
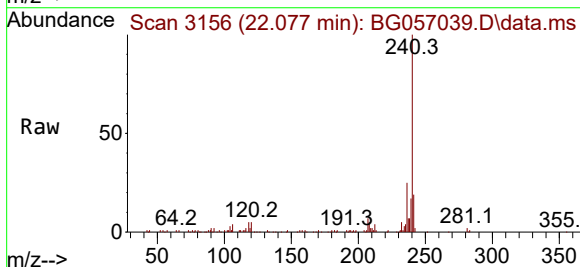
Instrument :
BNA_G
ClientSampleId :
PB151838TB

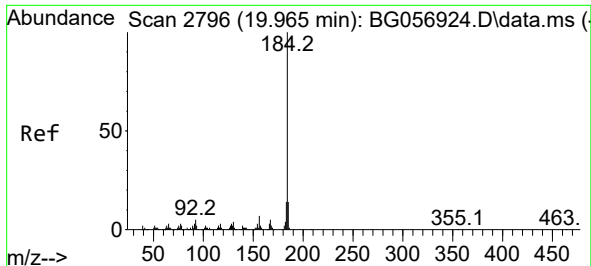
Tgt Ion:248 Resp: 6248
Ion Ratio Lower Upper
248 100
250 186.9 80.5 120.7#
141 481.4 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.077 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BG057039.D
Acq: 10 Apr 2023 10:36

Tgt Ion:240 Resp: 105231
Ion Ratio Lower Upper
240 100
120 5.0 3.8 5.6
236 25.3 21.0 31.6

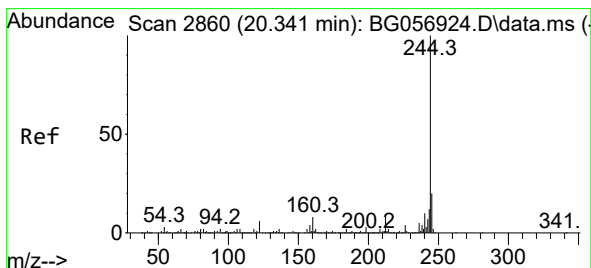
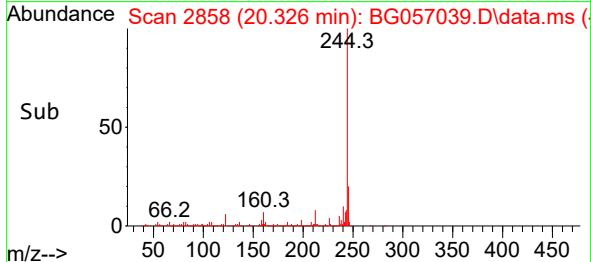
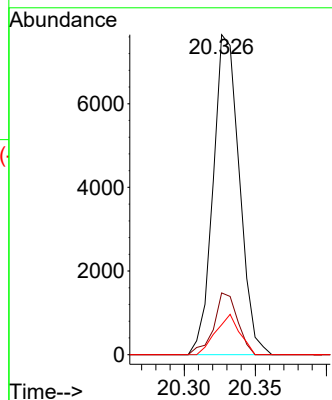
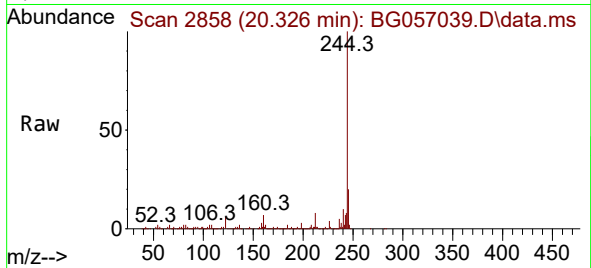




#77
Benzidine
Concen: 3.406 ng
RT: 20.326 min Scan# 2858
Delta R.T. 0.375 min
Lab File: BG057039.D
Acq: 10 Apr 2023 10:36

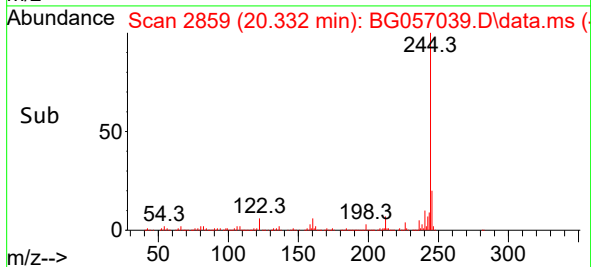
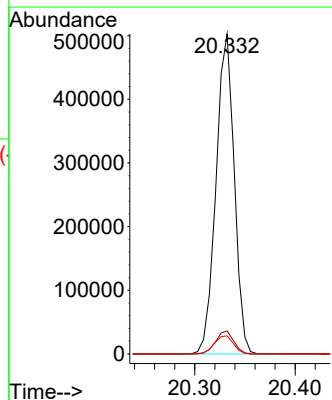
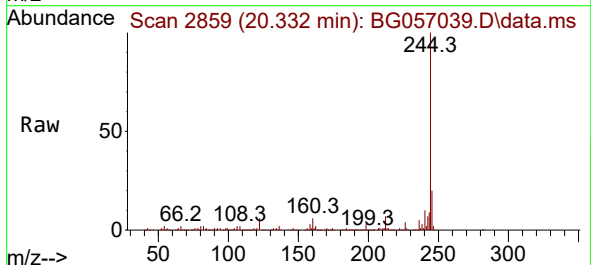
Instrument :
BNA_G
ClientSampleId :
PB151838TB

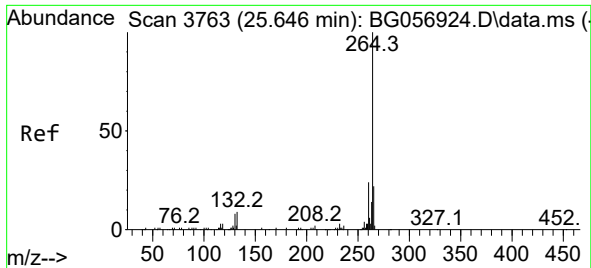
Tgt Ion:184 Resp: 9798
Ion Ratio Lower Upper
184 100
185 19.3 11.0 16.4#
183 9.4 11.4 17.0#



#79
Terphenyl-d14
Concen: 101.722 ng
RT: 20.332 min Scan# 2859
Delta R.T. 0.005 min
Lab File: BG057039.D
Acq: 10 Apr 2023 10:36

Tgt Ion:244 Resp: 632582
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 5.6 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.625 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG057039.D
Acq: 10 Apr 2023 10:36

Instrument :
BNA_G
ClientSampleId :
PB151838TB

Tgt Ion:264 Resp: 109036
Ion Ratio Lower Upper
264 100
260 25.2 19.0 28.4
265 20.4 17.8 26.6

