

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
 Data File : BG057083.D
 Acq On : 13 Apr 2023 15:39
 Operator : CG/JU
 Sample : PB152099BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152099BL

Quant Time: Apr 13 16:14:27 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)

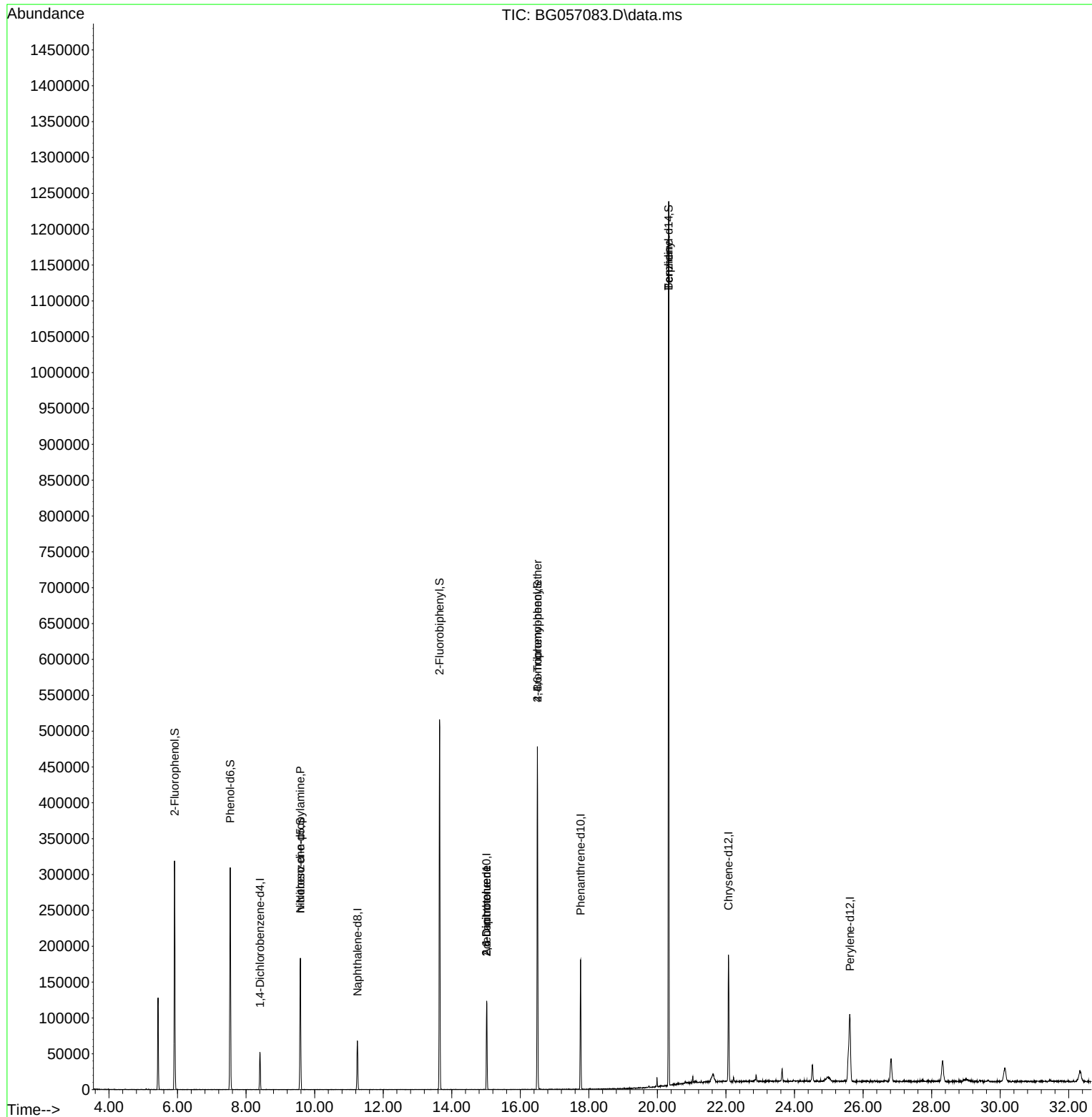
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.403	152	14375	20.000	ng	0.00
21) Naphthalene-d8	11.246	136	57528	20.000	ng	# 0.00
39) Acenaphthene-d10	15.018	164	45228	20.000	ng	0.00
64) Phenanthrene-d10	17.761	188	118461	20.000	ng	# 0.00
76) Chrysene-d12	22.073	240	111366	20.000	ng	0.00
86) Perylene-d12	25.615	264	113710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.912	112	128916	143.529	ng	0.00
7) Phenol-d6	7.540	99	179960	133.964	ng	0.00
23) Nitrobenzene-d5	9.584	82	113962	81.057	ng	0.00
42) 2,4,6-Tribromophenol	16.498	330	94207	130.384	ng	0.00
45) 2-Fluorobiphenyl	13.643	172	272407	81.672	ng	0.00
79) Terphenyl-d14	20.328	244	599944	91.159	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.584	70	16402	17.070	ng	# 77
51) 2,6-Dinitrotoluene	15.018	165	6041	7.846	ng	# 18
57) 2,4-Dinitrotoluene	15.018	165	6041	5.563	ng	# 18
67) 4-Bromophenyl-phenylether	16.498	248	5929	4.045	ng	# 1
77) Benzidine	20.328	184	9605	3.155	ng	# 93

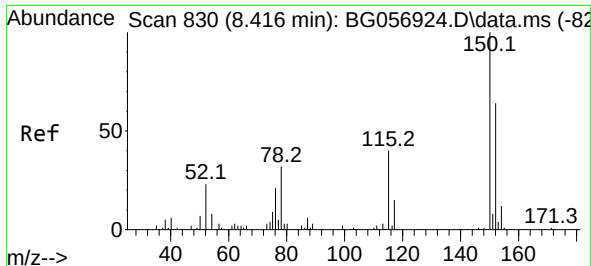
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB152099BL

Quant Time: Apr 13 16:14:27 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

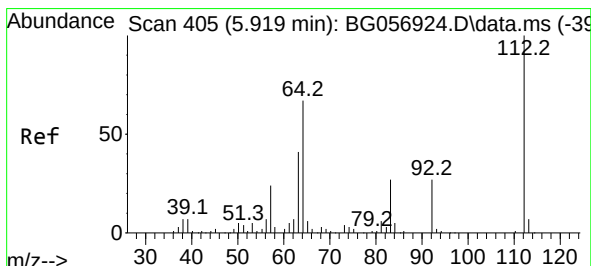
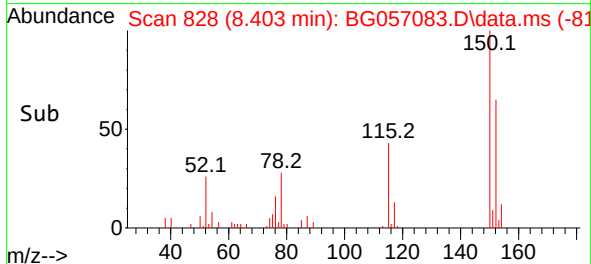
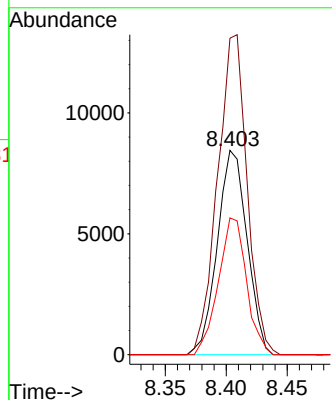
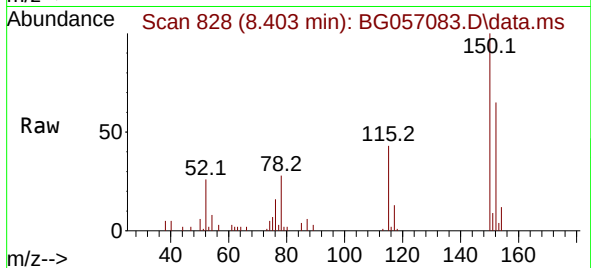




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.403 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39

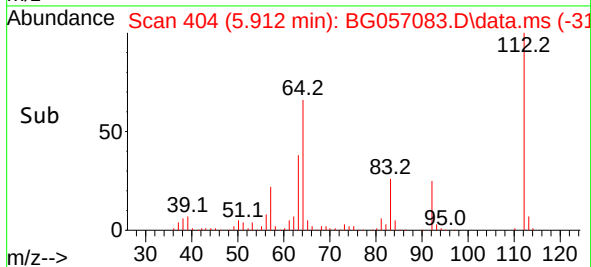
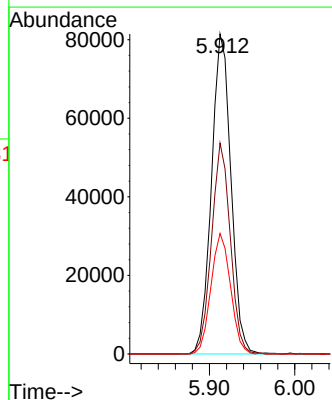
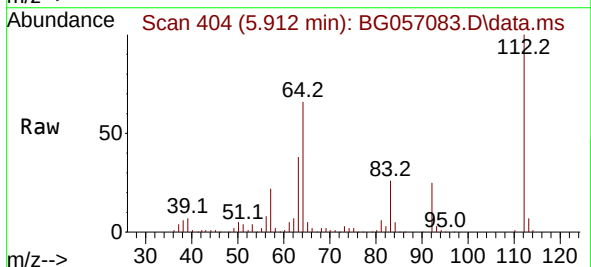
Instrument :
BNA_G
ClientSampleId :
PB152099BL

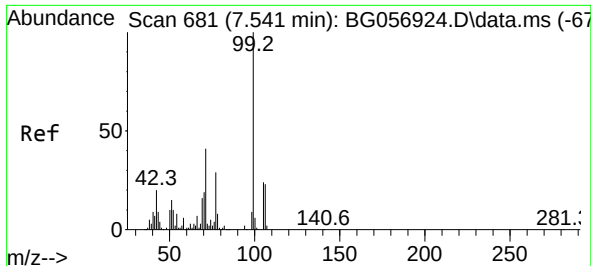
Tgt Ion:152 Resp: 14375
Ion Ratio Lower Upper
152 100
150 154.9 124.1 186.1
115 67.0 49.1 73.7



#5
2-Fluorophenol
Concen: 143.529 ng
RT: 5.912 min Scan# 404
Delta R.T. -0.002 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39

Tgt Ion:112 Resp: 128916
Ion Ratio Lower Upper
112 100
64 65.9 53.2 79.8
63 37.7 32.6 48.8

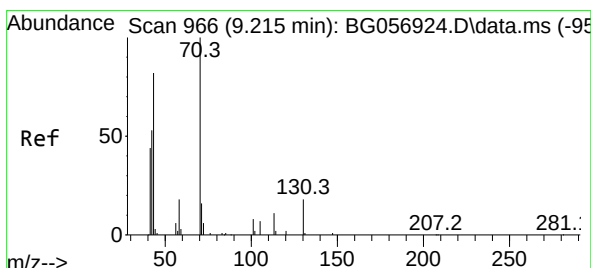
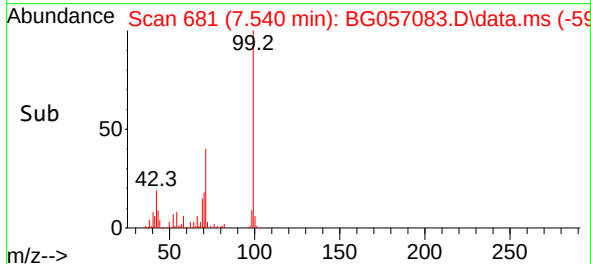
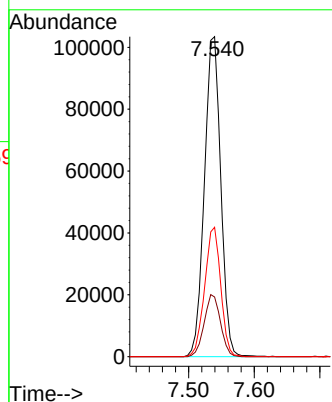
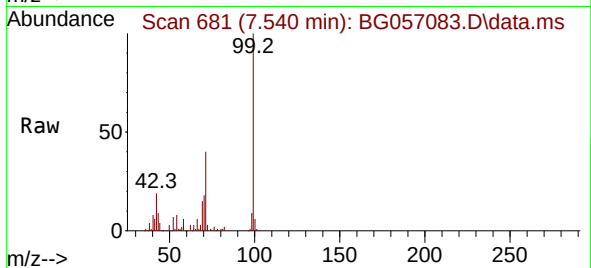




#7
Phenol-d6
Concen: 133.964 ng
RT: 7.540 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39

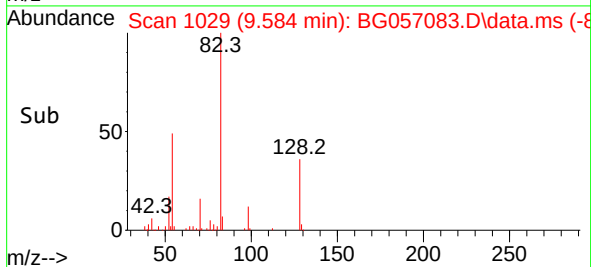
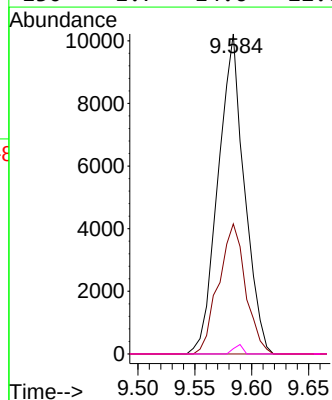
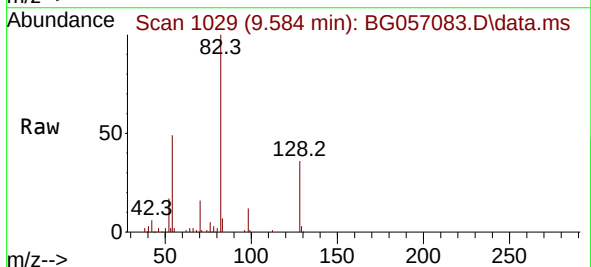
Instrument :
BNA_G
ClientSampleId :
PB152099BL

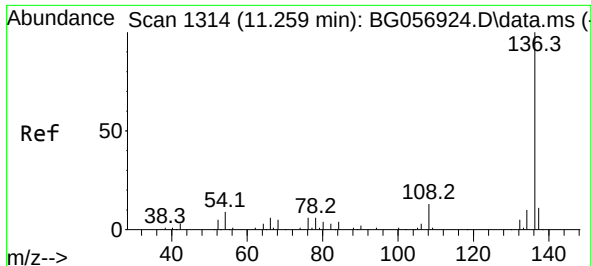
Tgt Ion: 99 Resp: 179960
Ion Ratio Lower Upper
99 100
42 18.7 15.7 23.5
71 40.4 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.070 ng
RT: 9.584 min Scan# 1029
Delta R.T. 0.374 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39

Tgt Ion: 70 Resp: 16402
Ion Ratio Lower Upper
70 100
42 40.7 43.4 65.0#
101 0.0 6.2 9.2#
130 1.7 14.6 22.0#

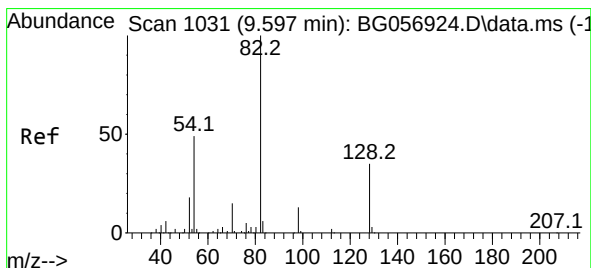
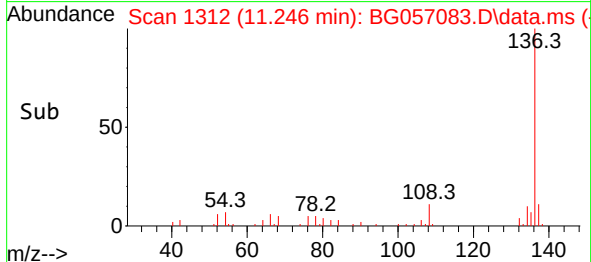
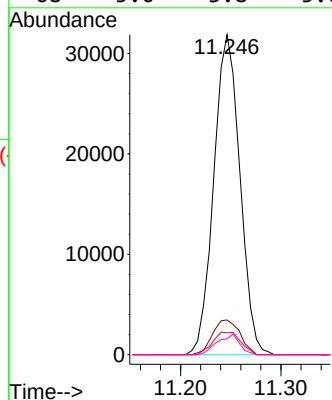
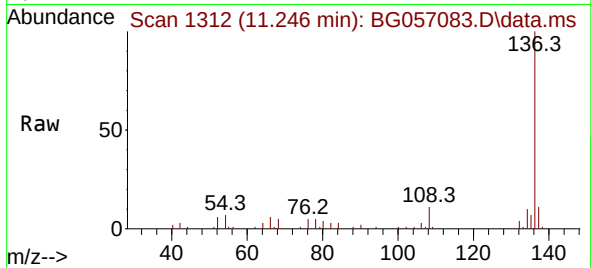




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.246 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39

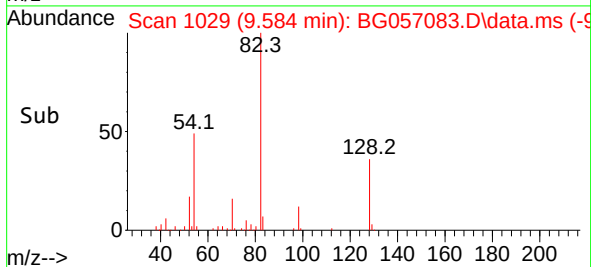
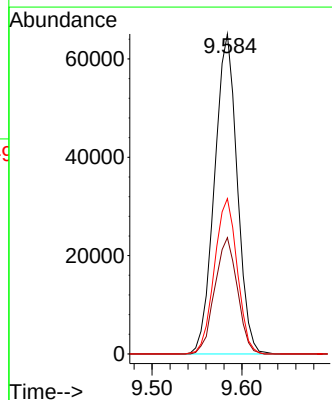
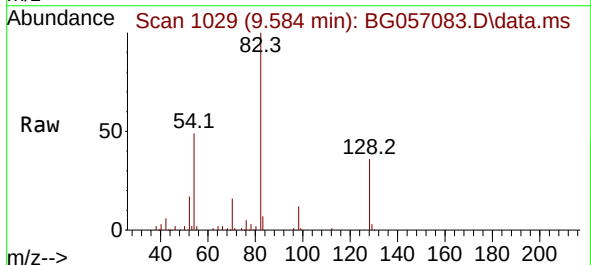
Instrument :
BNA_G
ClientSampleId :
PB152099BL

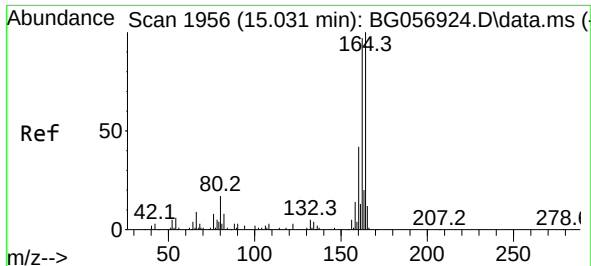
Tgt Ion:136	Resp:	57528
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.6 13.0
54	6.8	6.9 10.3
68	5.0	3.8 5.6



#23
Nitrobenzene-d5
Concen: 81.057 ng
RT: 9.584 min Scan# 1029
Delta R.T. -0.002 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39

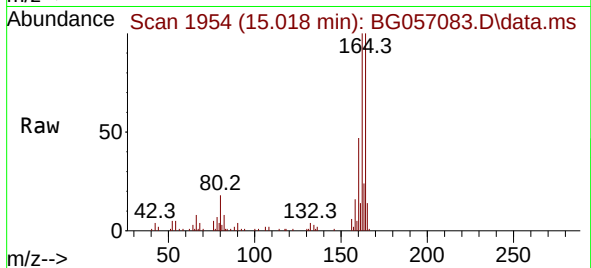
Tgt Ion: 82	Resp:	113962
Ion Ratio	Lower	Upper
82	100	
128	36.4	27.9 41.9
54	48.6	39.4 59.2



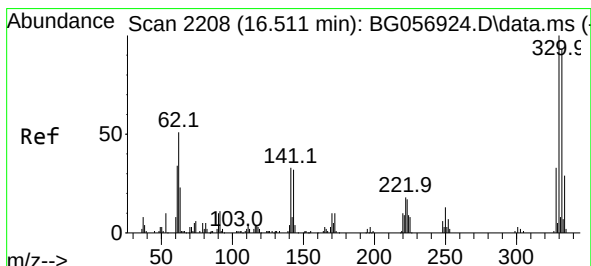
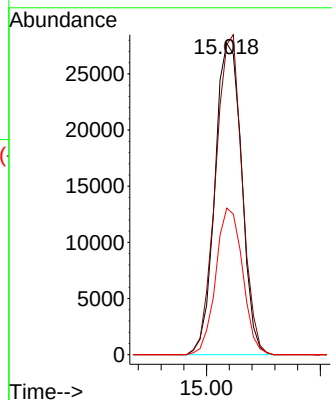
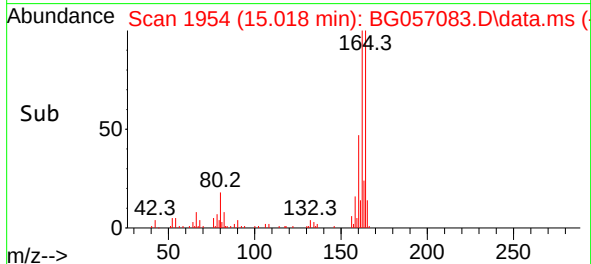


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.018 min Scan# 1954
Delta R.T. -0.002 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39

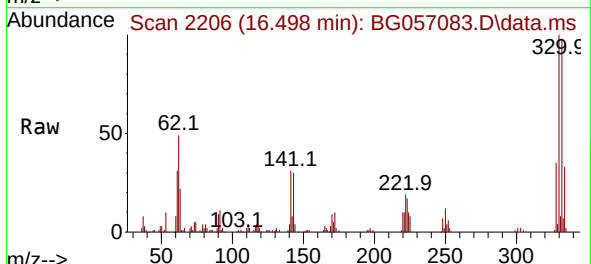
Instrument :
BNA_G
ClientSampleId :
PB152099BL



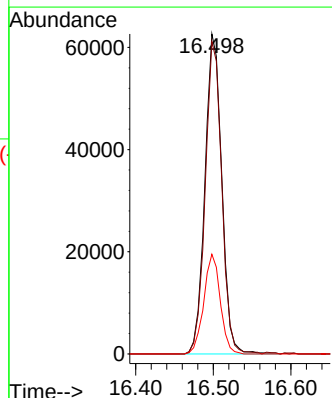
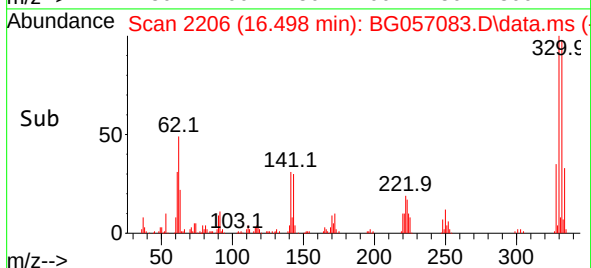
Tgt Ion:164 Resp: 45228
Ion Ratio Lower Upper
164 100
162 99.6 77.8 116.8
160 47.1 33.5 50.3

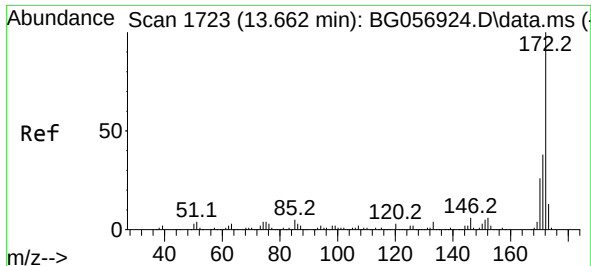


#42
2,4,6-Tribromophenol
Concen: 130.384 ng
RT: 16.498 min Scan# 2206
Delta R.T. -0.002 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39



Tgt Ion:330 Resp: 94207
Ion Ratio Lower Upper
330 100
332 95.6 76.1 114.1
141 30.5 25.8 38.6

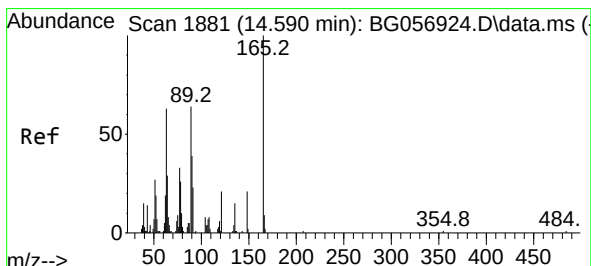
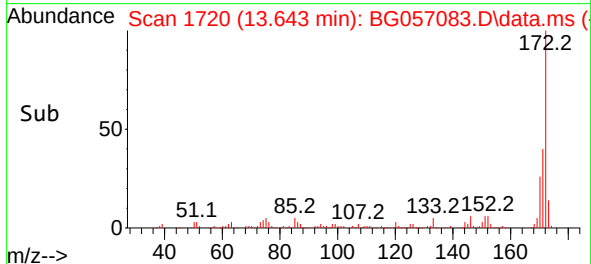
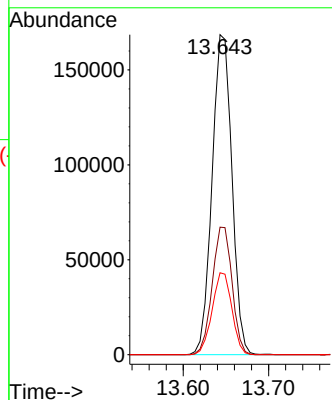
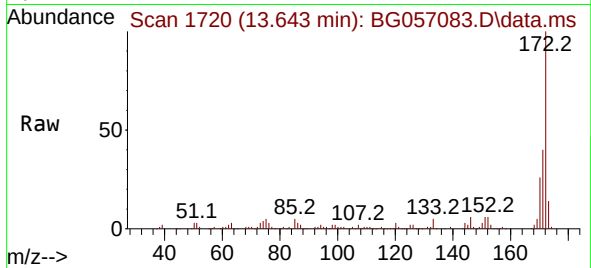




#45
2-Fluorobiphenyl
Concen: 81.672 ng
RT: 13.643 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39

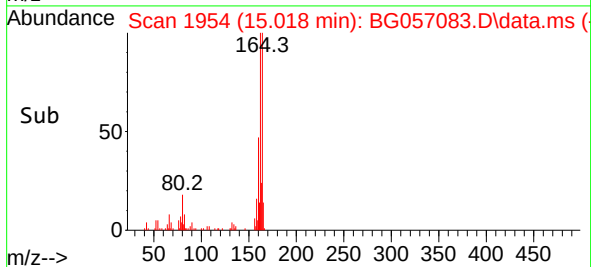
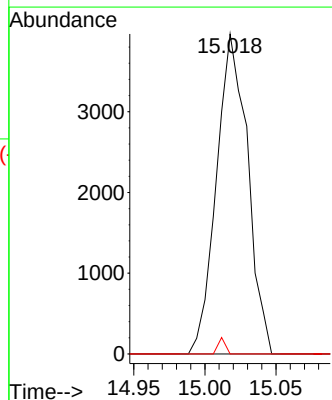
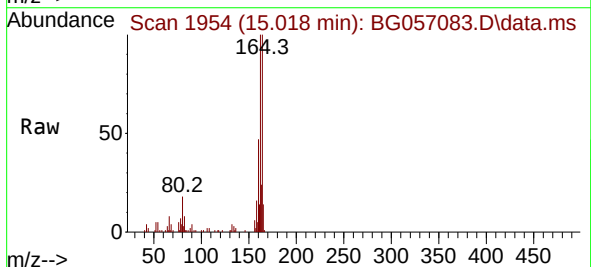
Instrument :
BNA_G
ClientSampleId :
PB152099BL

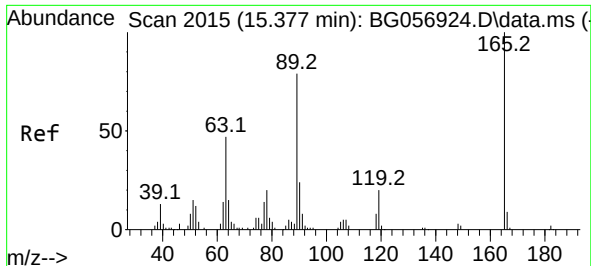
Tgt Ion:172 Resp: 272407
Ion Ratio Lower Upper
172 100
171 39.8 30.6 46.0
170 25.6 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.846 ng
RT: 15.018 min Scan# 1954
Delta R.T. 0.432 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39

Tgt Ion:165 Resp: 6041
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.0 76.4#

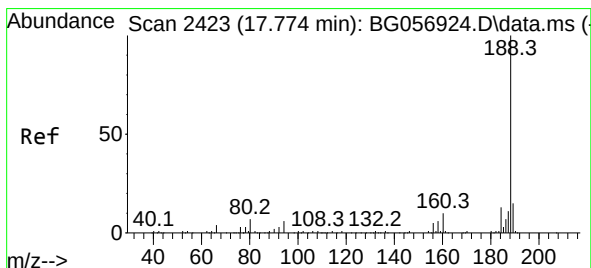
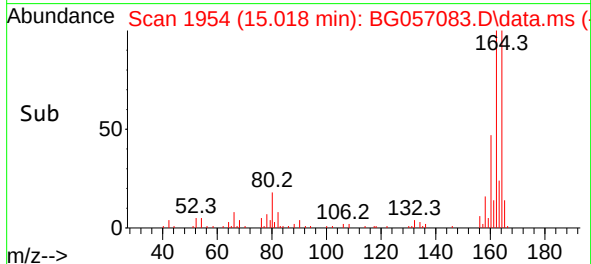
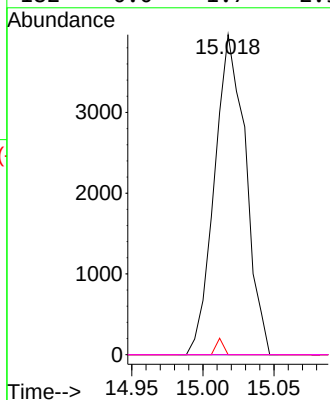
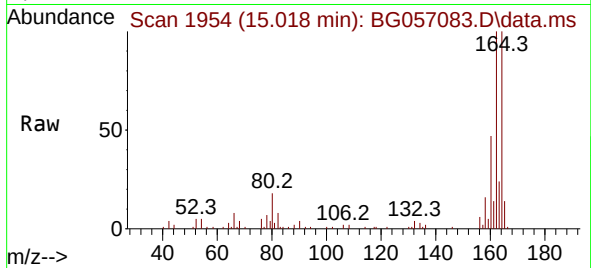




#57
2,4-Dinitrotoluene
Concen: 5.563 ng
RT: 15.018 min Scan# 1954
Delta R.T. -0.349 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39

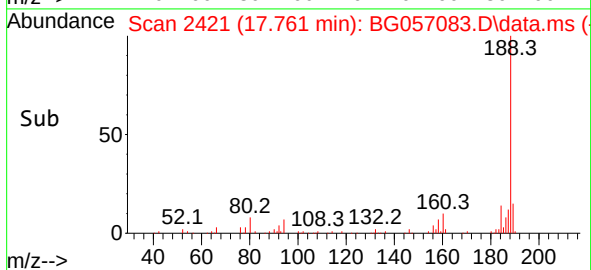
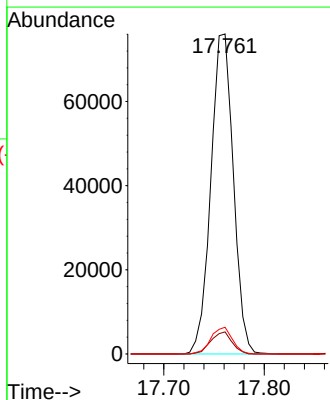
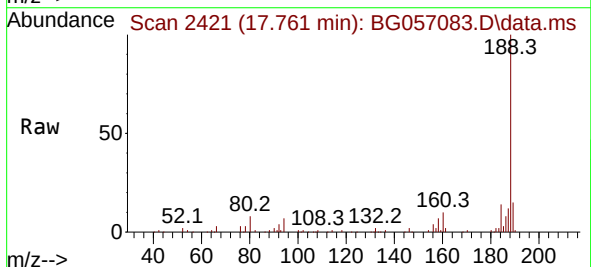
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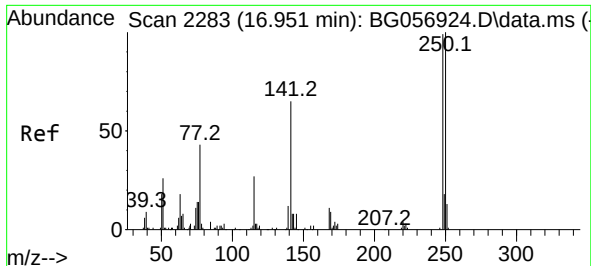
Tgt Ion:165 Resp: 6041
Ion Ratio Lower Upper
165 100
63 0.0 37.7 56.5#
89 0.0 63.2 94.8#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.761 min Scan# 2421
Delta R.T. -0.002 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39

Tgt Ion:188 Resp: 118461
Ion Ratio Lower Upper
188 100
94 6.9 4.6 6.8#
80 8.4 5.5 8.3#

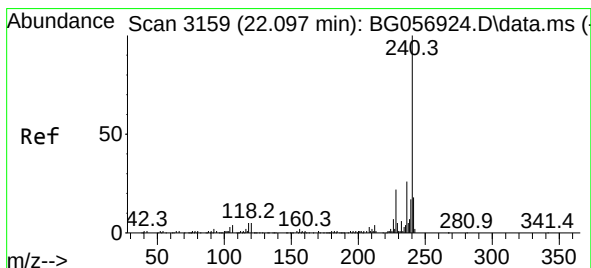
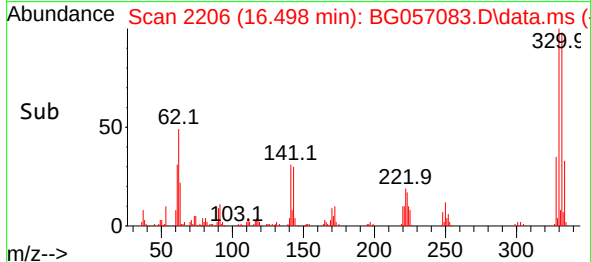
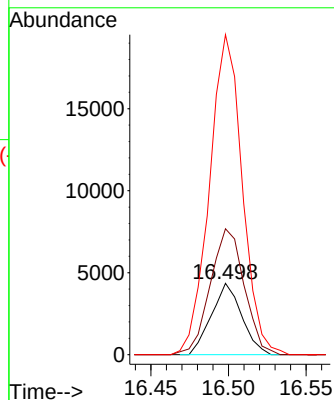
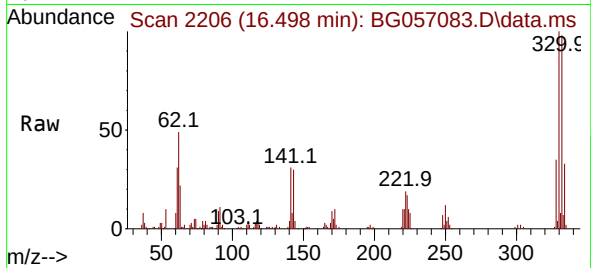




#67
4-Bromophenyl-phenylether
Concen: 4.045 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.437 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39

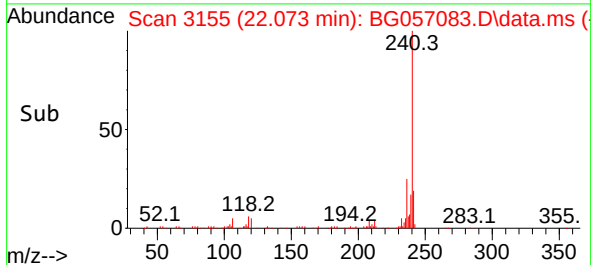
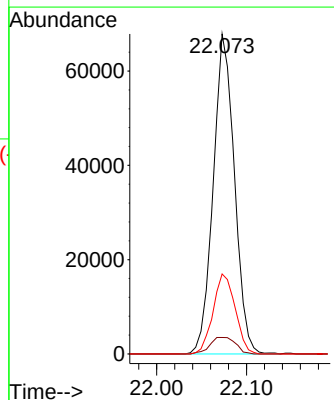
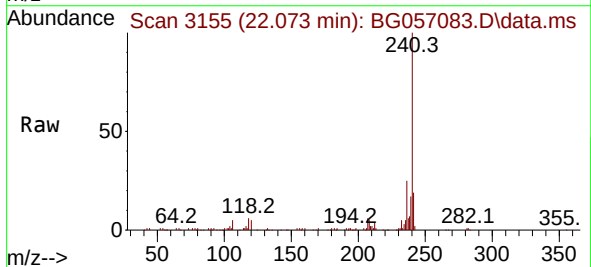
Instrument :
BNA_G
ClientSampleId :
PB152099BL

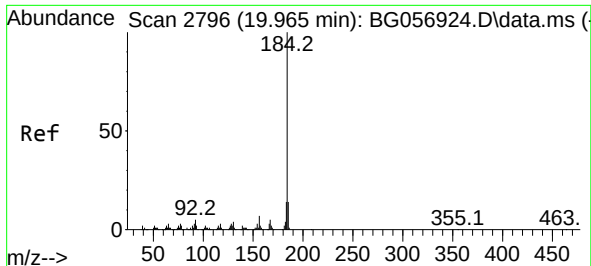
Tgt Ion:248 Resp: 5929
Ion Ratio Lower Upper
248 100
250 176.7 80.5 120.7#
141 448.9 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.073 min Scan# 3155
Delta R.T. -0.008 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39

Tgt Ion:240 Resp: 111366
Ion Ratio Lower Upper
240 100
120 5.2 3.8 5.6
236 25.0 21.0 31.6

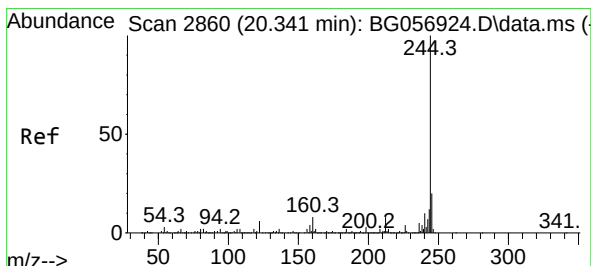
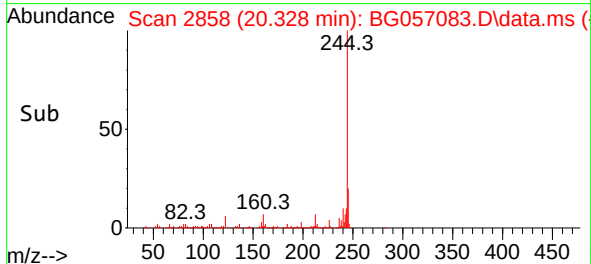
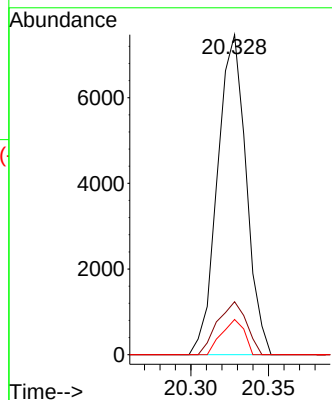
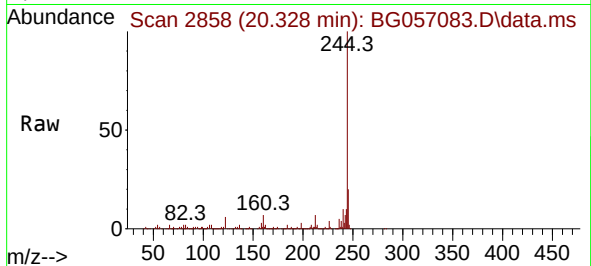




#77
Benzidine
Concen: 3.155 ng
RT: 20.328 min Scan# 2858
Delta R.T. 0.374 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39

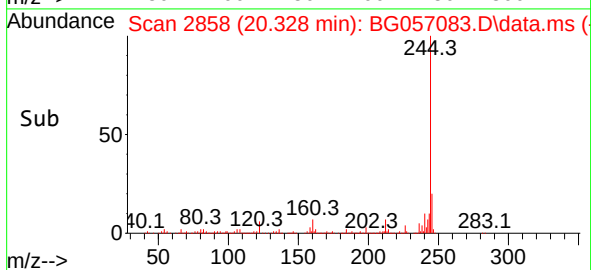
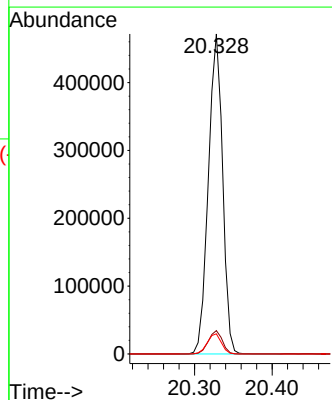
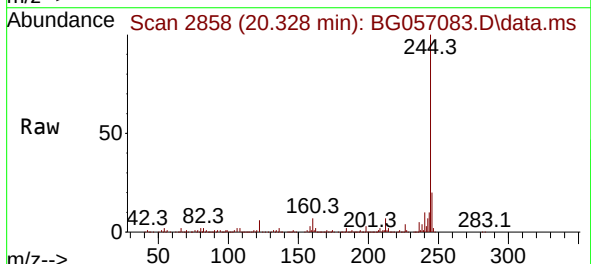
Instrument :
BNA_G
ClientSampleId :
PB152099BL

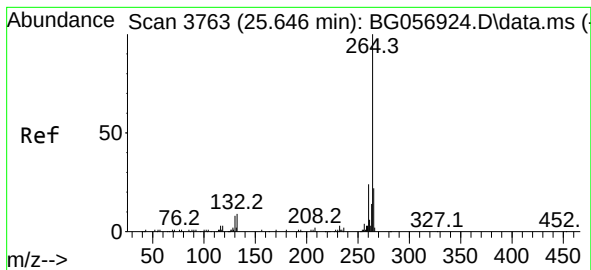
Tgt Ion:184 Resp: 9605
Ion Ratio Lower Upper
184 100
185 16.6 11.0 16.4#
183 11.0 11.4 17.0#



#79
Terphenyl-d14
Concen: 91.159 ng
RT: 20.328 min Scan# 2858
Delta R.T. 0.004 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39

Tgt Ion:244 Resp: 599944
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 6.3 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.615 min Scan# 31

Delta R.T. 0.004 min

Lab File: BG057083.D

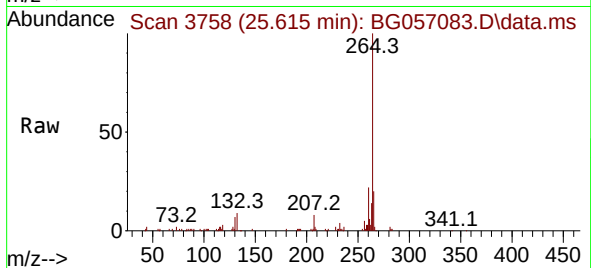
Acq: 13 Apr 2023 15:39

Instrument :

BNA_G

ClientSampleId :

PB152099BL



Tgt Ion:264 Resp: 113710

Ion Ratio Lower Upper

264 100

260 22.3 19.0 28.4

265 20.1 17.8 26.6

