

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041723\
 Data File : BG057112.D
 Acq On : 17 Apr 2023 14:16
 Operator : CG/JU
 Sample : PB152124BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152124BL

Quant Time: Apr 17 14:51:15 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)

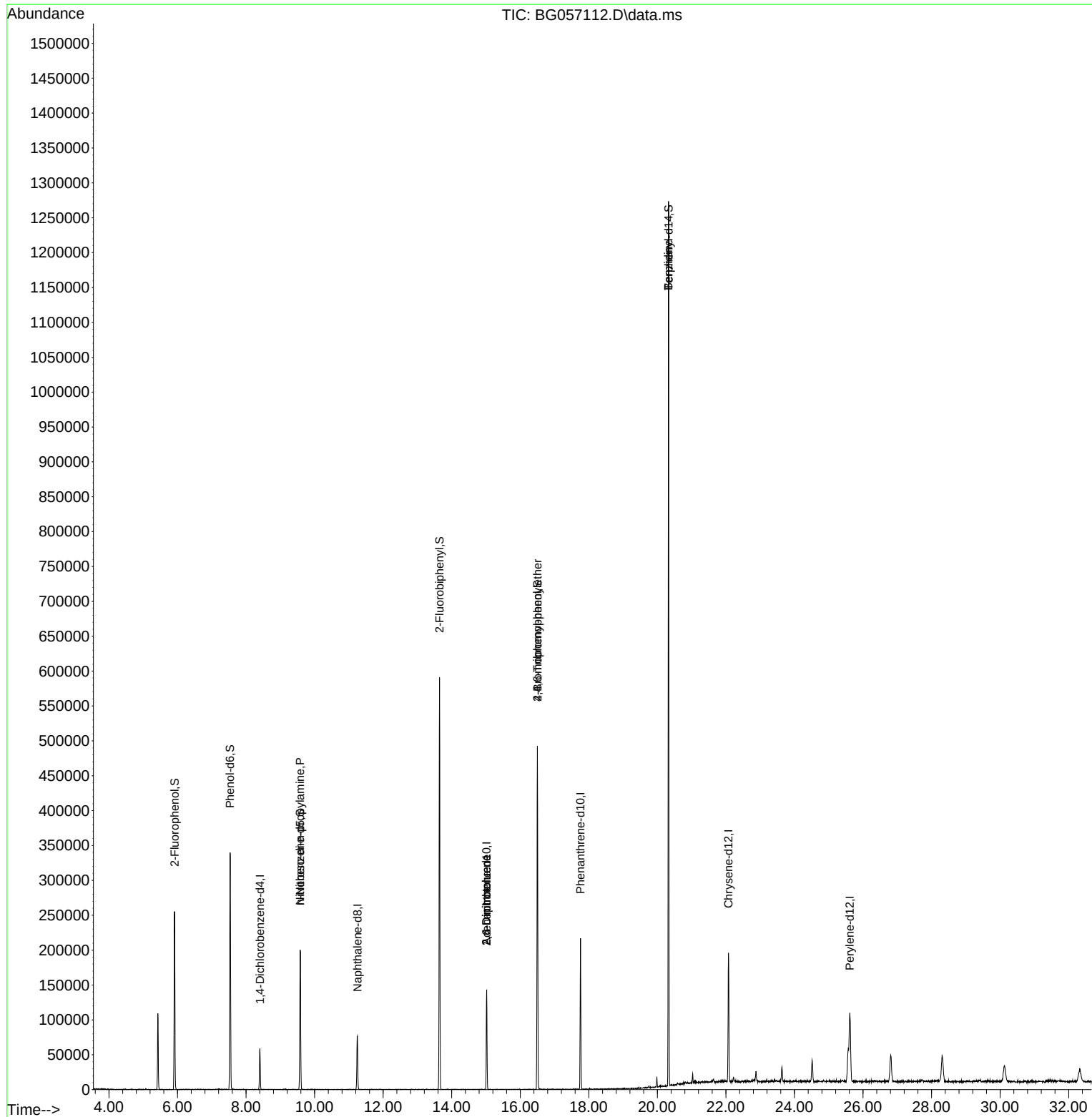
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.405	152	15845	20.000	ng	0.00
21) Naphthalene-d8	11.248	136	66505	20.000	ng	# 0.00
39) Acenaphthene-d10	15.019	164	50150	20.000	ng	0.00
64) Phenanthrene-d10	17.757	188	133483	20.000	ng	# 0.00
76) Chrysene-d12	22.074	240	117610	20.000	ng	# 0.00
86) Perylene-d12	25.611	264	118345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.914	112	105026	106.083	ng	0.00
7) Phenol-d6	7.535	99	201264	135.923	ng	0.00
23) Nitrobenzene-d5	9.579	82	128235	78.897	ng	0.00
42) 2,4,6-Tribromophenol	16.500	330	100441	125.369	ng	0.00
45) 2-Fluorobiphenyl	13.645	172	292883	79.193	ng	0.00
79) Terphenyl-d14	20.330	244	633979	91.216	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.579	70	17374	16.404	ng	# 74
51) 2,6-Dinitrotoluene	15.019	165	6744	7.899	ng	# 18
57) 2,4-Dinitrotoluene	15.019	165	6744	5.601	ng	# 18
67) 4-Bromophenyl-phenylether	16.500	248	6012	3.640	ng	# 1
77) Benzidine	20.324	184	9730	3.027	ng	# 93

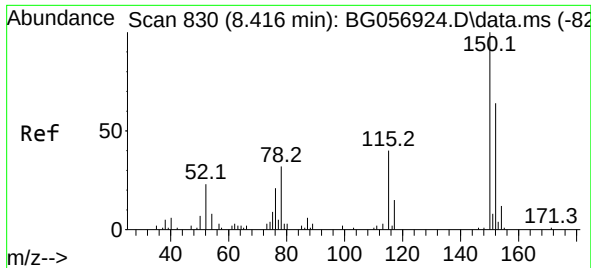
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041723\
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Quant Time: Apr 17 14:51:15 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

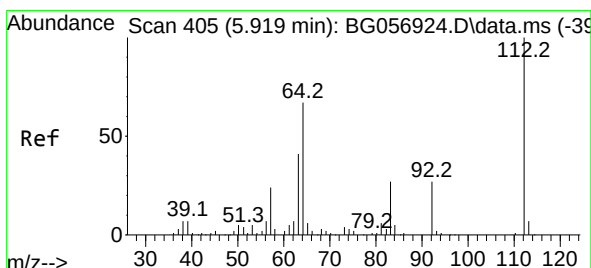
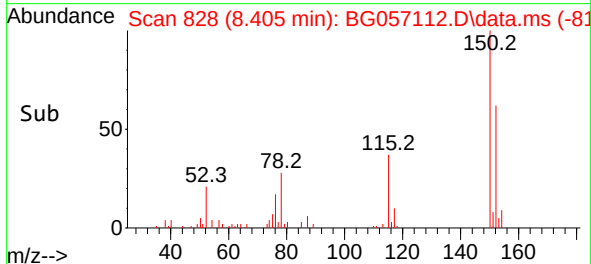
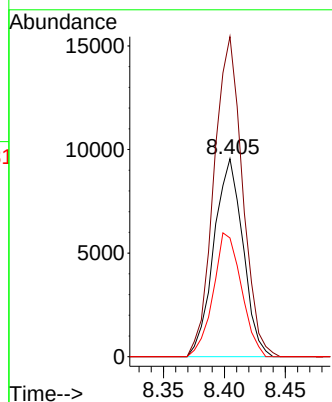
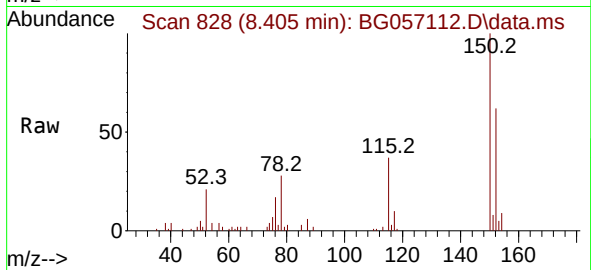




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.405 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057112.D
Acq: 17 Apr 2023 14:16

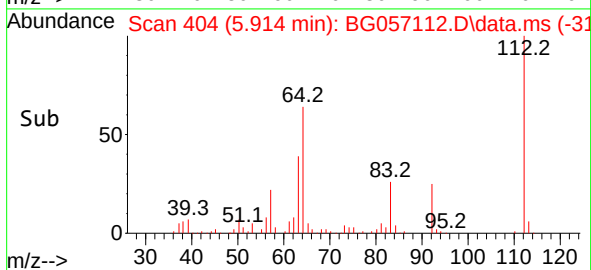
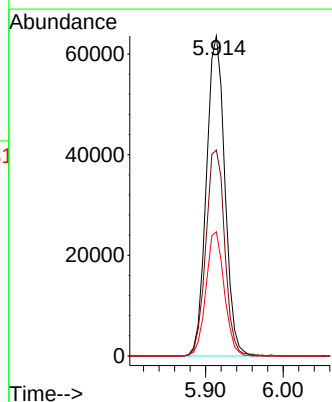
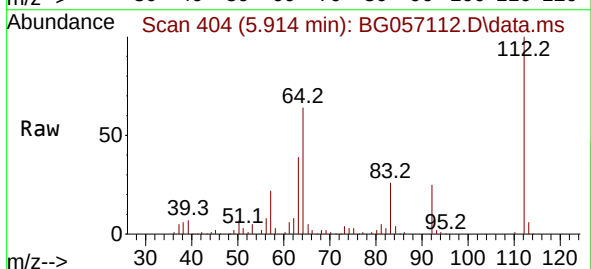
Instrument :
BNA_G
ClientSampleId :
PB152124BL

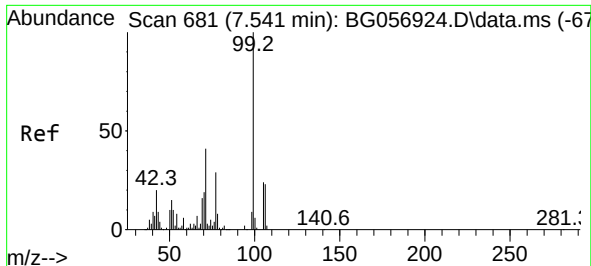
Tgt Ion:152 Resp: 15845
Ion Ratio Lower Upper
152 100
150 161.7 124.1 186.1
115 60.0 49.1 73.7



#5
2-Fluorophenol
Concen: 106.083 ng
RT: 5.914 min Scan# 404
Delta R.T. -0.001 min
Lab File: BG057112.D
Acq: 17 Apr 2023 14:16

Tgt Ion:112 Resp: 105026
Ion Ratio Lower Upper
112 100
64 64.3 53.2 79.8
63 38.8 32.6 48.8

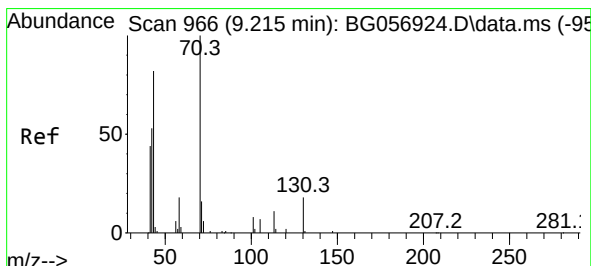
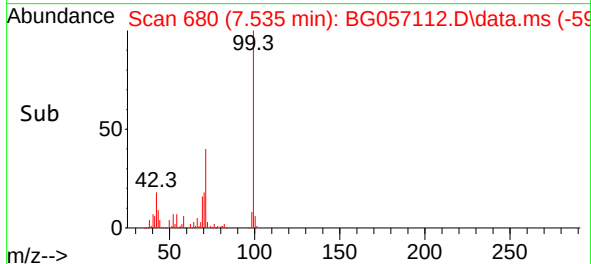
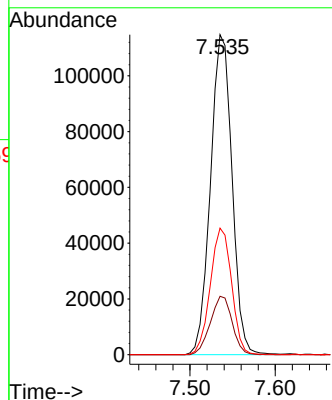
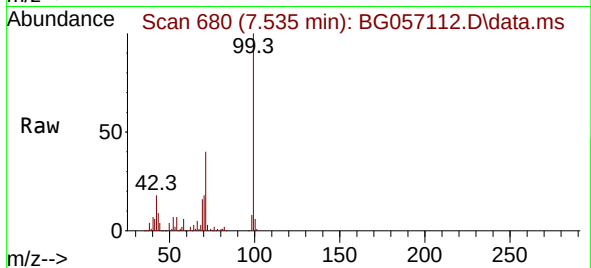




#7
Phenol-d6
Concen: 135.923 ng
RT: 7.535 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057112.D
Acq: 17 Apr 2023 14:16

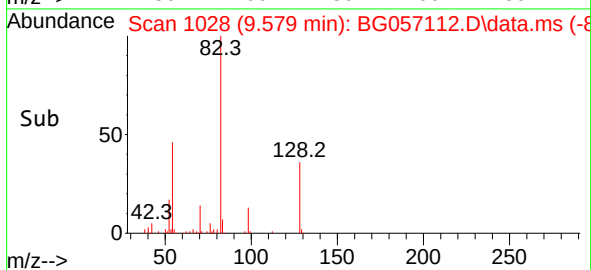
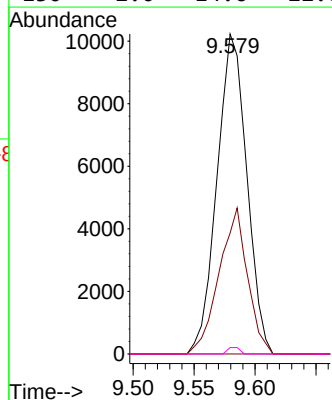
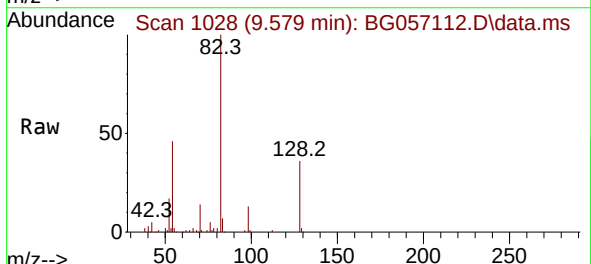
Instrument :
BNA_G
ClientSampleId :
PB152124BL

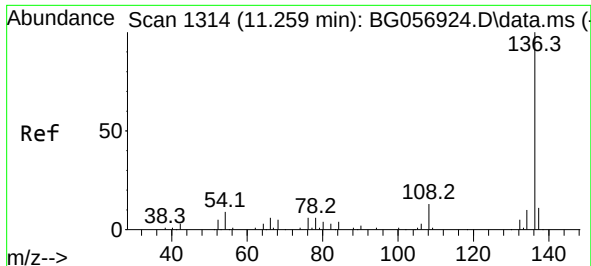
Tgt Ion: 99 Resp: 201264
Ion Ratio Lower Upper
99 100
42 18.2 15.7 23.5
71 39.6 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.404 ng
RT: 9.579 min Scan# 1028
Delta R.T. 0.369 min
Lab File: BG057112.D
Acq: 17 Apr 2023 14:16

Tgt Ion: 70 Resp: 17374
Ion Ratio Lower Upper
70 100
42 37.8 43.4 65.0#
101 0.0 6.2 9.2#
130 2.0 14.6 22.0#

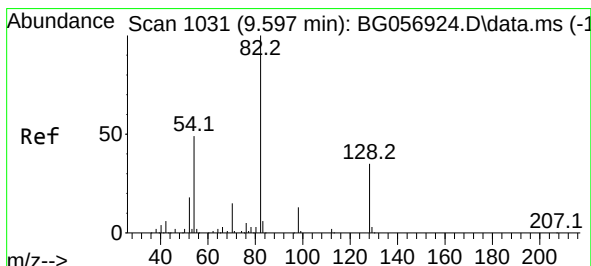
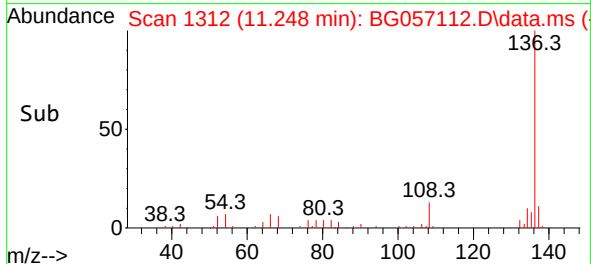
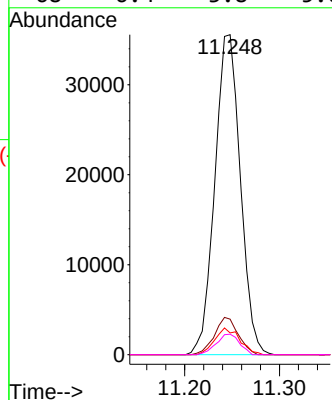
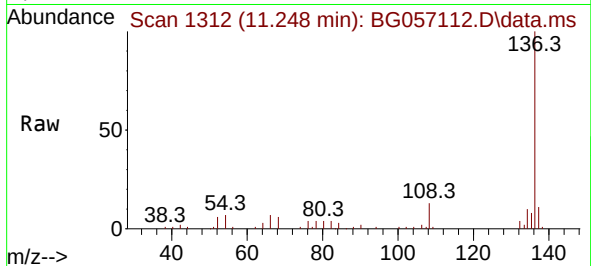




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.248 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057112.D
Acq: 17 Apr 2023 14:16

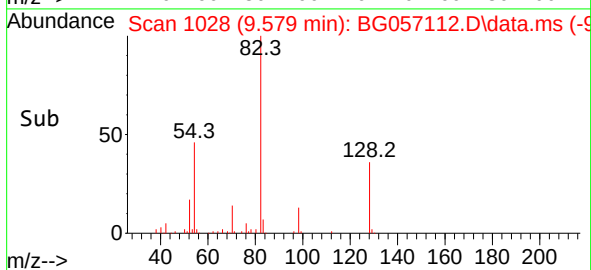
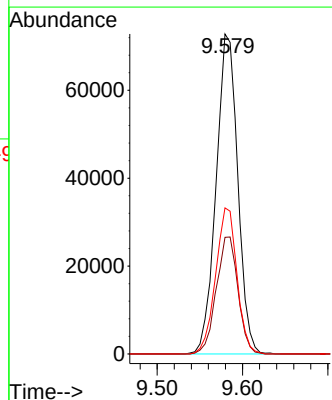
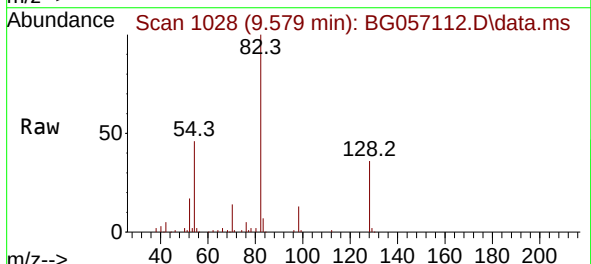
Instrument :
BNA_G
ClientSampleId :
PB152124BL

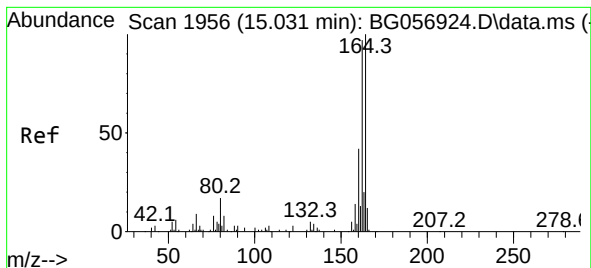
Tgt Ion:	136	Resp:	66505
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	6.8	6.9	10.3#
68	6.4	3.8	5.6#



#23
Nitrobenzene-d5
Concen: 78.897 ng
RT: 9.579 min Scan# 1028
Delta R.T. -0.007 min
Lab File: BG057112.D
Acq: 17 Apr 2023 14:16

Tgt Ion:	82	Resp:	128235
Ion Ratio	Lower	Upper	
82	100		
128	36.4	27.9	41.9
54	45.6	39.4	59.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.019 min Scan# 1954

Delta R.T. -0.001 min

Lab File: BG057112.D

Acq: 17 Apr 2023 14:16

Instrument :

BNA_G

ClientSampleId :

PB152124BL

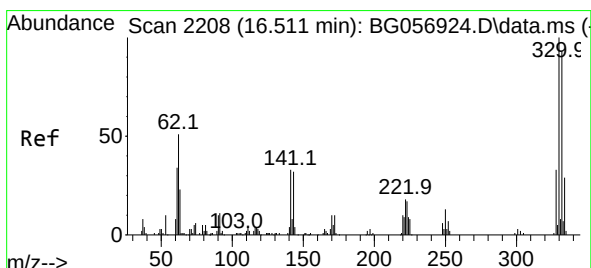
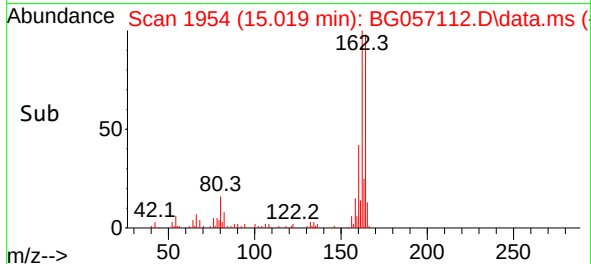
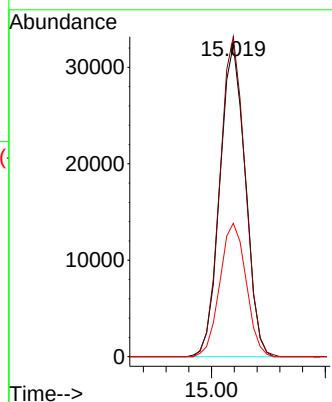
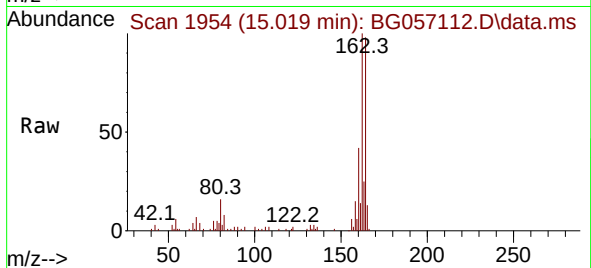
Tgt Ion:164 Resp: 50150

Ion Ratio Lower Upper

164 100

162 102.5 77.8 116.8

160 42.7 33.5 50.3



#42

2,4,6-Tribromophenol

Concen: 125.369 ng

RT: 16.500 min Scan# 2206

Delta R.T. -0.001 min

Lab File: BG057112.D

Acq: 17 Apr 2023 14:16

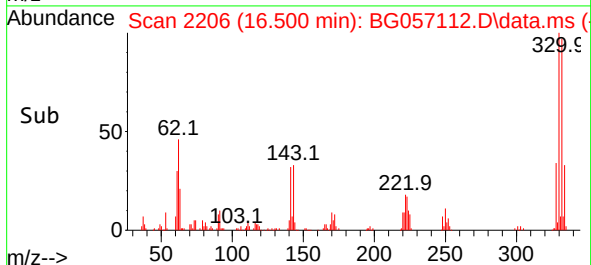
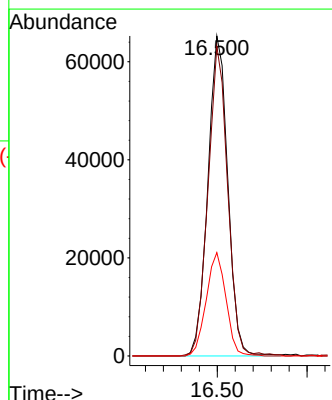
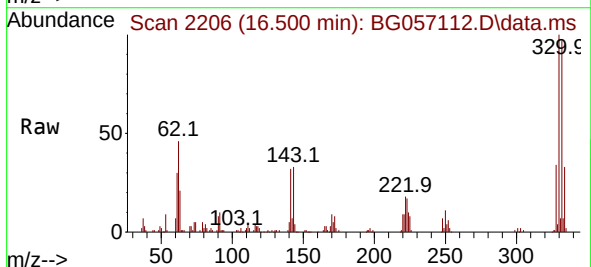
Tgt Ion:330 Resp: 100441

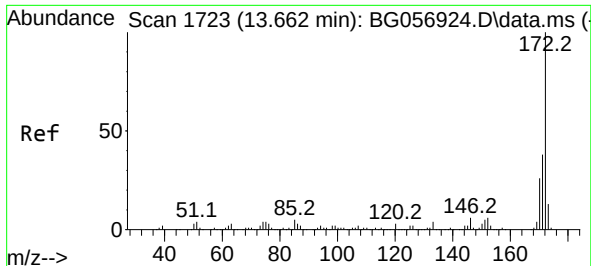
Ion Ratio Lower Upper

330 100

332 95.6 76.1 114.1

141 31.9 25.8 38.6

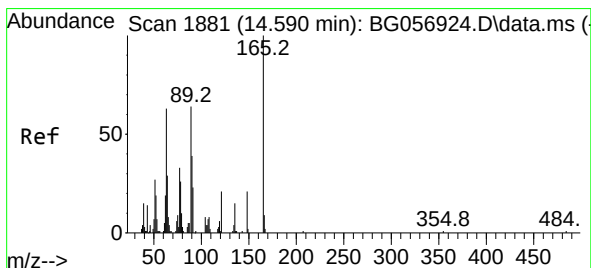
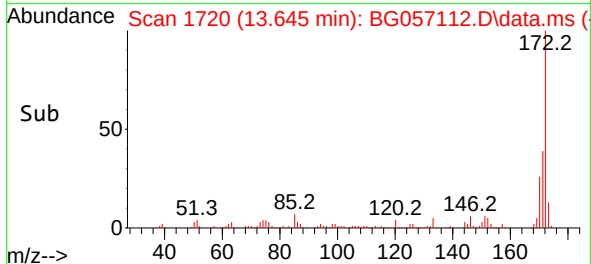
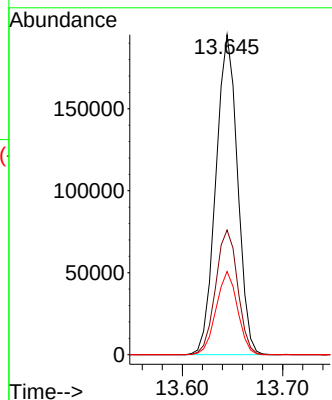
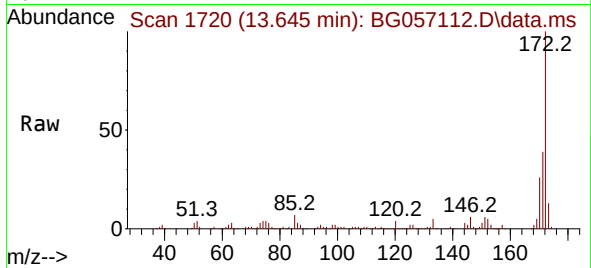




#45
2-Fluorobiphenyl
Concen: 79.193 ng
RT: 13.645 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057112.D
Acq: 17 Apr 2023 14:16

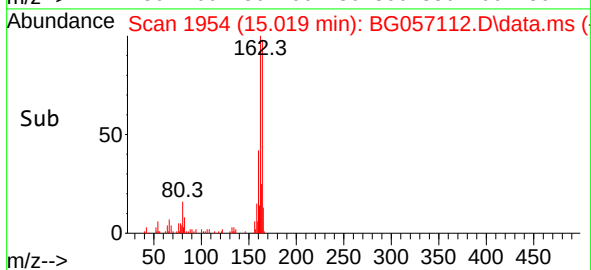
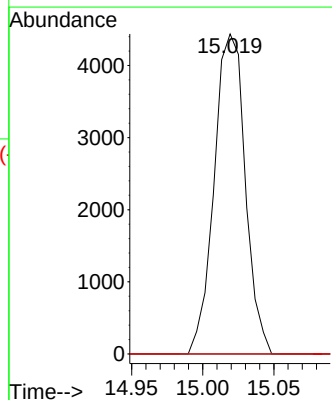
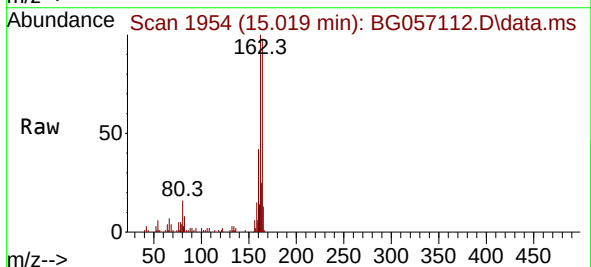
Instrument :
BNA_G
ClientSampleId :
PB152124BL

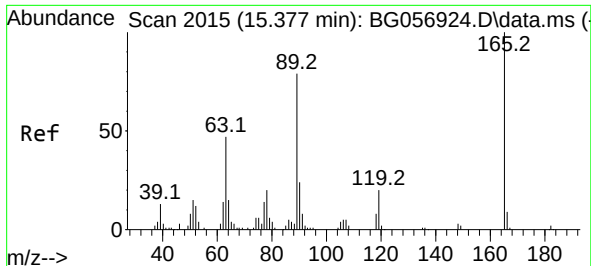
Tgt Ion:172 Resp: 292883
Ion Ratio Lower Upper
172 100
171 39.0 30.6 46.0
170 26.0 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.899 ng
RT: 15.019 min Scan# 1954
Delta R.T. 0.434 min
Lab File: BG057112.D
Acq: 17 Apr 2023 14:16

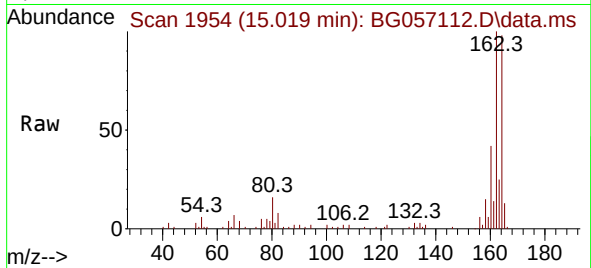
Tgt Ion:165 Resp: 6744
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.0 76.4#



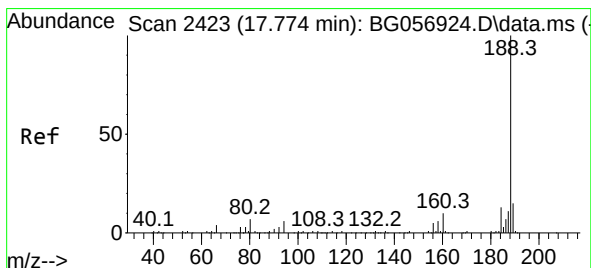
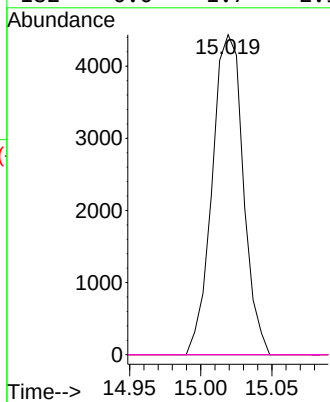
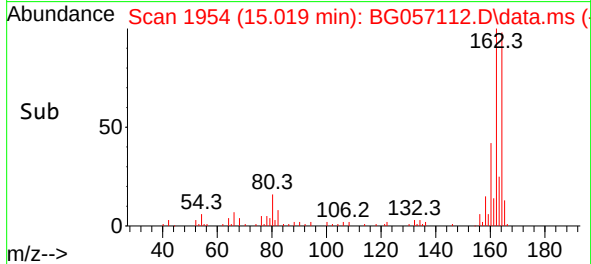


#57
2,4-Dinitrotoluene
Concen: 5.601 ng
RT: 15.019 min Scan# 1954
Delta R.T. -0.347 min
Lab File: BG057112.D
Acq: 17 Apr 2023 14:16

Instrument :
BNA_G
ClientSampleId :
PB152124BL

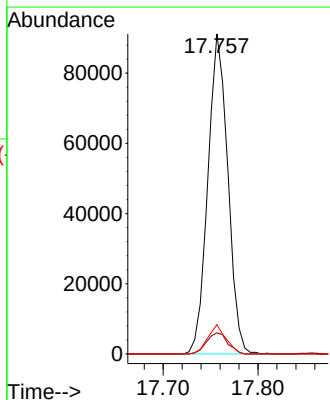
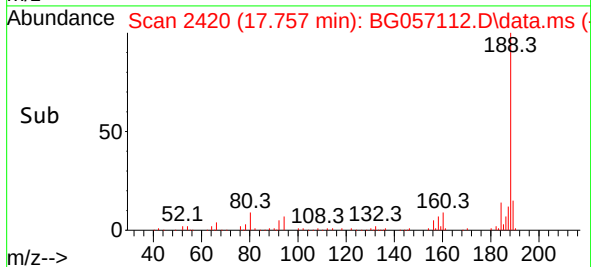
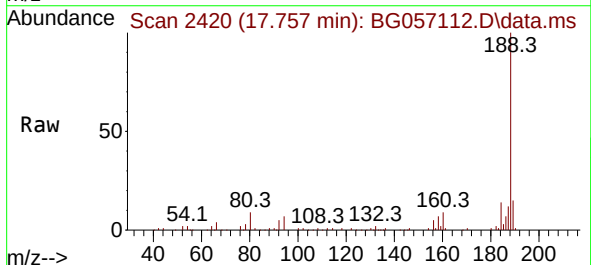


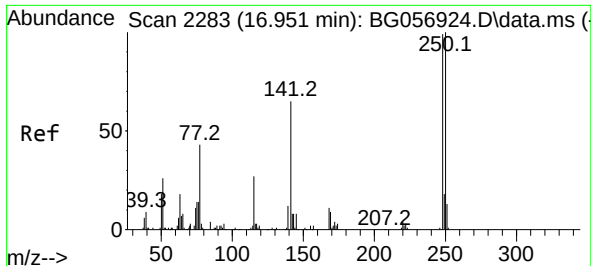
Tgt Ion:165 Resp: 6744
Ion Ratio Lower Upper
165 100
63 0.0 37.7 56.5#
89 0.0 63.2 94.8#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.757 min Scan# 2420
Delta R.T. -0.007 min
Lab File: BG057112.D
Acq: 17 Apr 2023 14:16

Tgt Ion:188 Resp: 133483
Ion Ratio Lower Upper
188 100
94 6.6 4.6 6.8
80 9.2 5.5 8.3#

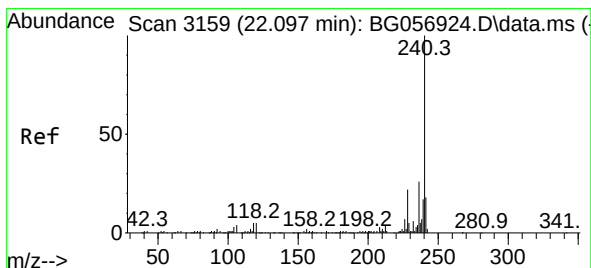
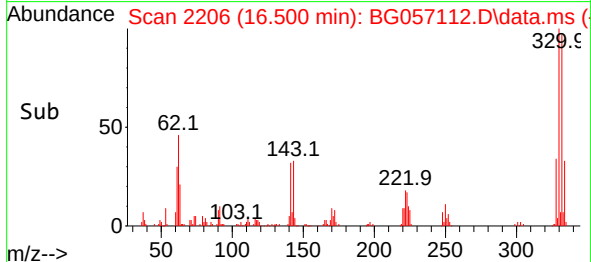
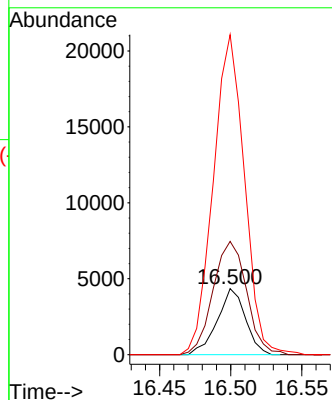
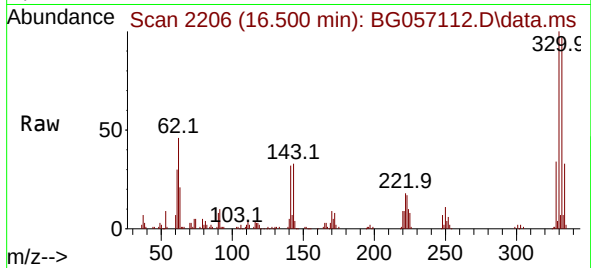




#67
4-Bromophenyl-phenylether
Concen: 3.640 ng
RT: 16.500 min Scan# 211
Delta R.T. -0.435 min
Lab File: BG057112.D
Acq: 17 Apr 2023 14:16

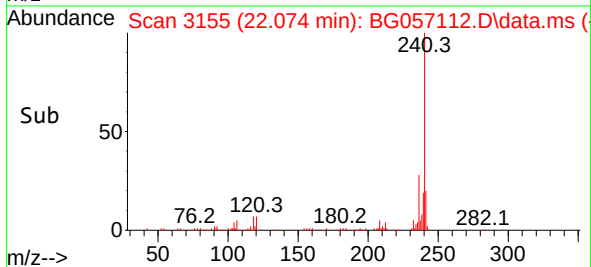
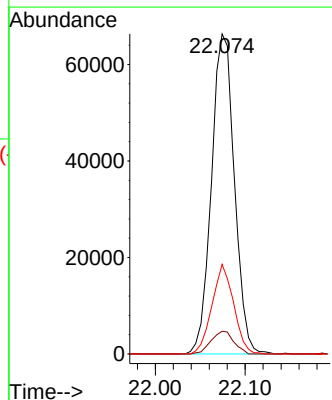
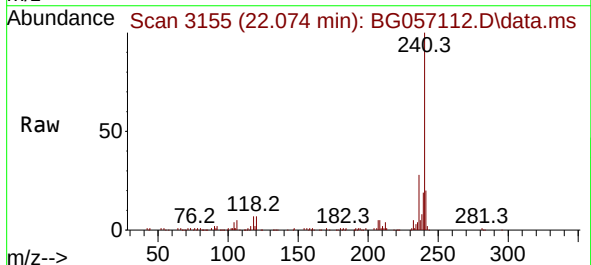
Instrument :
BNA_G
ClientSampleId :
PB152124BL

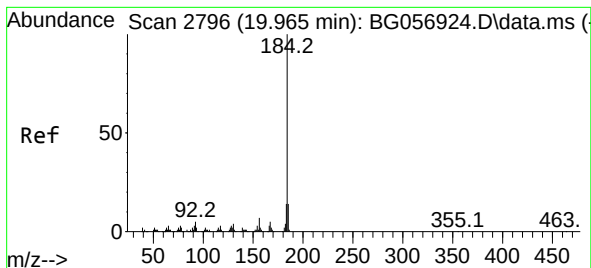
Tgt Ion:248 Resp: 6012
Ion Ratio Lower Upper
248 100
250 171.5 80.5 120.7#
141 484.2 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.074 min Scan# 3155
Delta R.T. -0.007 min
Lab File: BG057112.D
Acq: 17 Apr 2023 14:16

Tgt Ion:240 Resp: 117610
Ion Ratio Lower Upper
240 100
120 7.1 3.8 5.6#
236 28.0 21.0 31.6





#77

Benzidine

Concen: 3.027 ng

RT: 20.324 min Scan# 2857

Delta R.T. 0.369 min

Lab File: BG057112.D

Acq: 17 Apr 2023 14:16

Instrument :

BNA_G

ClientSampleId :

PB152124BL

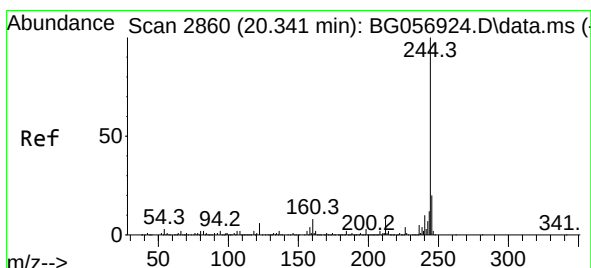
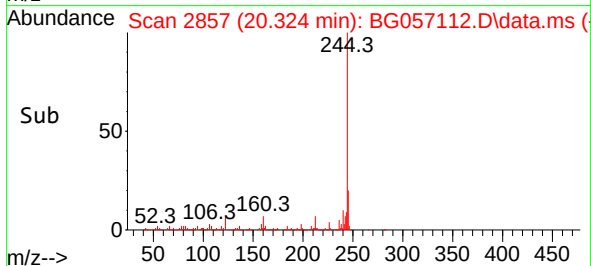
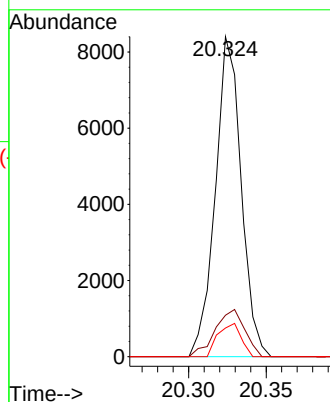
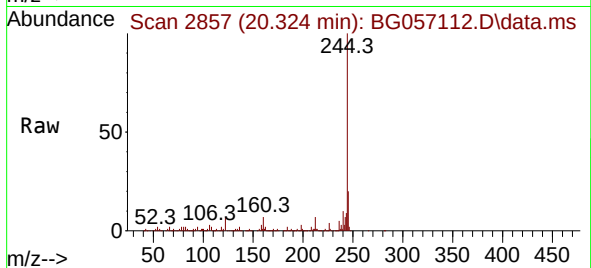
Tgt Ion:184 Resp: 9730

Ion Ratio Lower Upper

184 100

185 13.0 11.0 16.4

183 9.0 11.4 17.0#



#79

Terphenyl-d14

Concen: 91.216 ng

RT: 20.330 min Scan# 2858

Delta R.T. 0.005 min

Lab File: BG057112.D

Acq: 17 Apr 2023 14:16

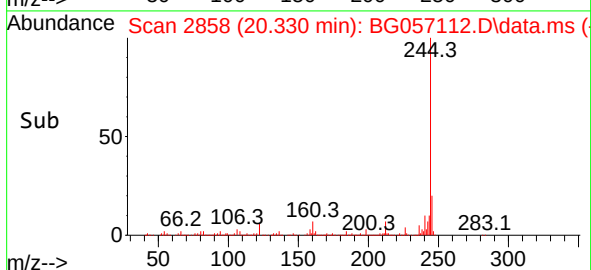
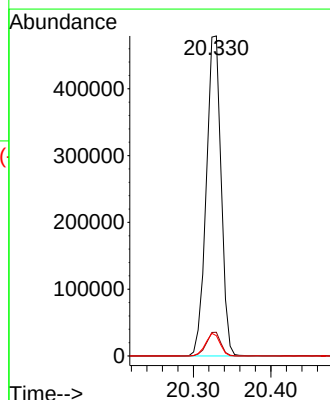
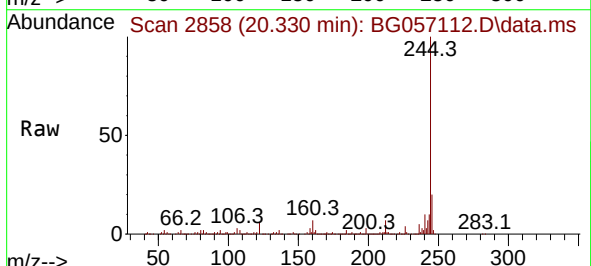
Tgt Ion:244 Resp: 633979

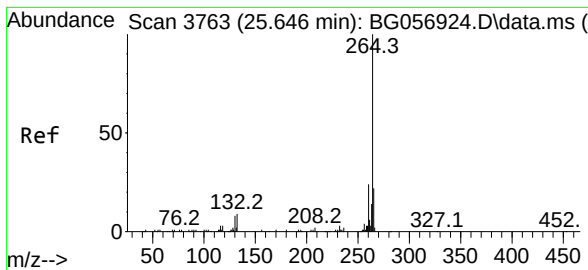
Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

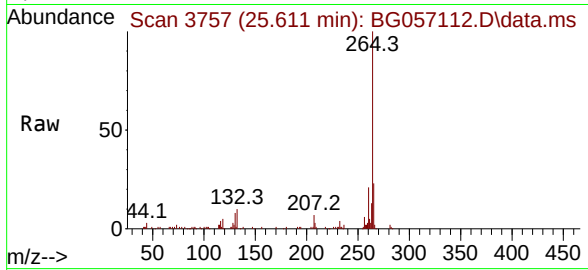
122 6.3 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.611 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BG057112.D
 Acq: 17 Apr 2023 14:16

Instrument :
 BNA_G
 ClientSampleId :
 PB152124BL



Tgt Ion:264 Resp: 118345

Ion	Ratio	Lower	Upper
264	100		
260	21.1	19.0	28.4
265	22.9	17.8	26.6

