

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
 Data File : BG057011.D
 Acq On : 6 Apr 2023 14:01
 Operator : CG/JU
 Sample : PB151924BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151924BL

Quant Time: Apr 07 01:37:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 07 01:33:41 2023
 Response via : Initial Calibration

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

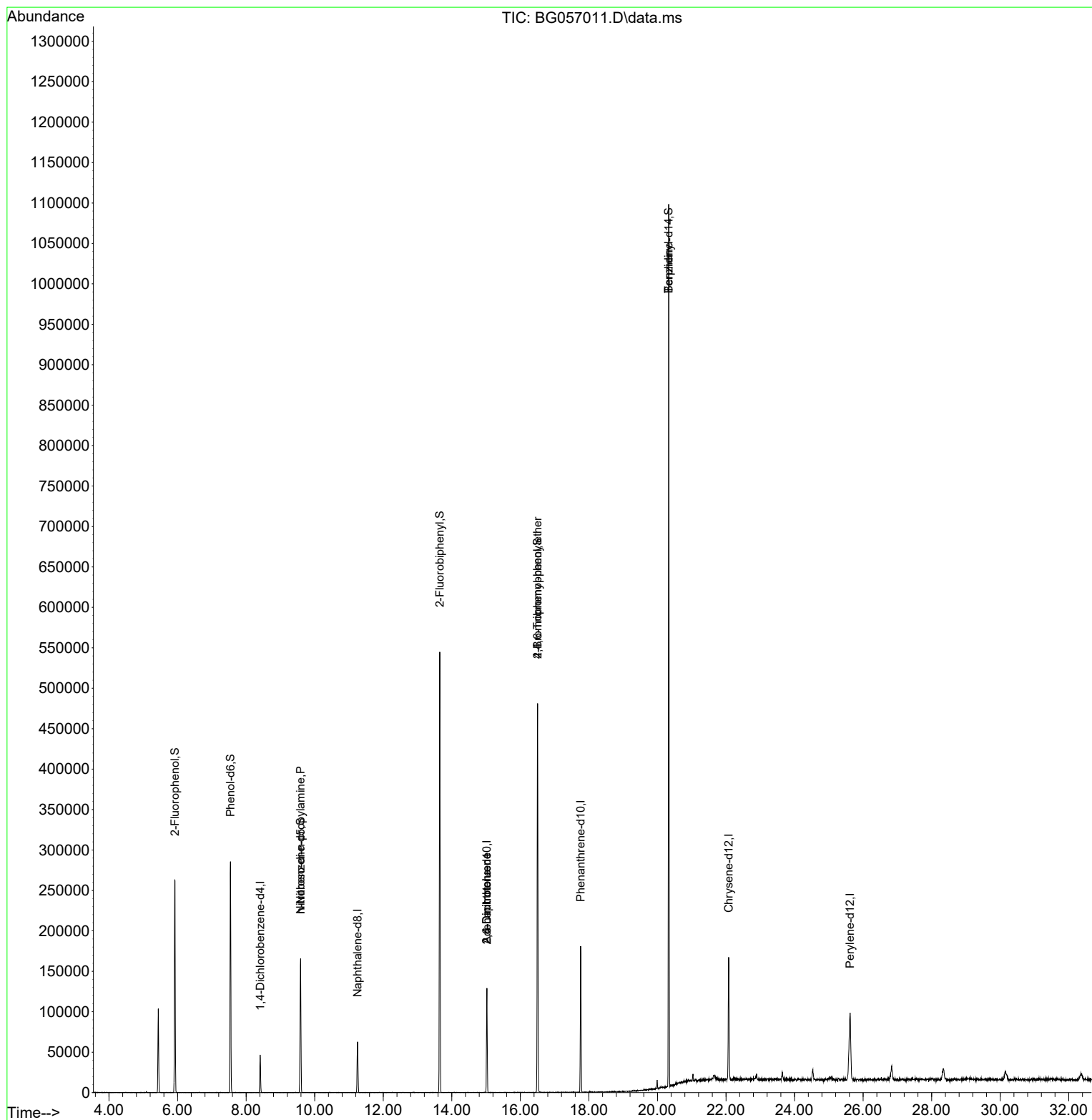
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.408	152	12222	20.000	ng	0.00
21) Naphthalene-d8	11.251	136	53161	20.000	ng	0.00
39) Acenaphthene-d10	15.022	164	45909	20.000	ng	0.00
64) Phenanthrene-d10	17.760	188	120679	20.000	ng	0.00
76) Chrysene-d12	22.077	240	97978	20.000	ng	-0.01
86) Perylene-d12	25.620	264	101230	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.923	112	106554	139.530	ng	0.00
7) Phenol-d6	7.544	99	159446	139.602	ng	0.00
23) Nitrobenzene-d5	9.588	82	102784	79.112	ng	0.00
42) 2,4,6-Tribromophenol	16.503	330	96259	131.248	ng	0.00
45) 2-Fluorobiphenyl	13.648	172	278004	82.114	ng	0.00
79) Terphenyl-d14	20.327	244	552871	95.485	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.588	70	15019	18.384	ng	Qvalue # 80
51) 2,6-Dinitrotoluene	15.022	165	5610	7.178	ng	# 18
57) 2,4-Dinitrotoluene	15.022	165	5610	5.089	ng	# 18
67) 4-Bromophenyl-phenylether	16.503	248	6016	4.029	ng	# 1
77) Benzidine	20.327	184	9245	3.452	ng	# 93

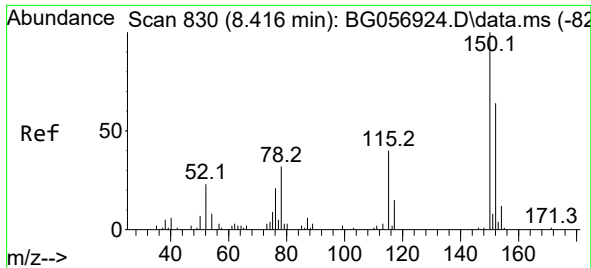
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
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Quant Time: Apr 07 01:37:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 07 01:33:41 2023
Response via : Initial Calibration

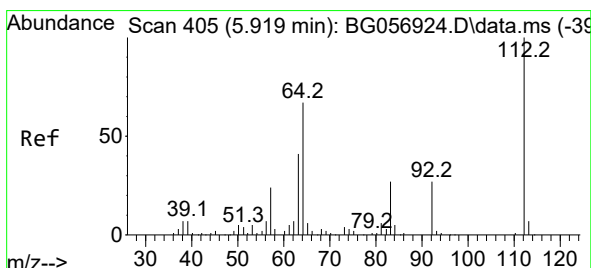
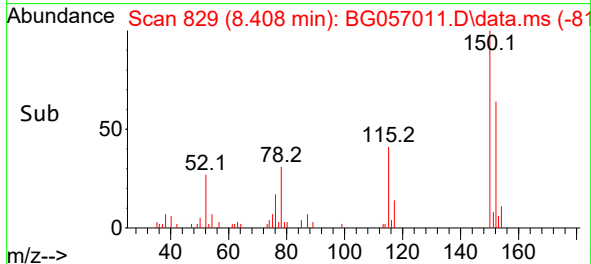
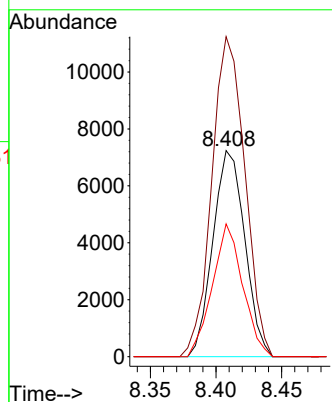
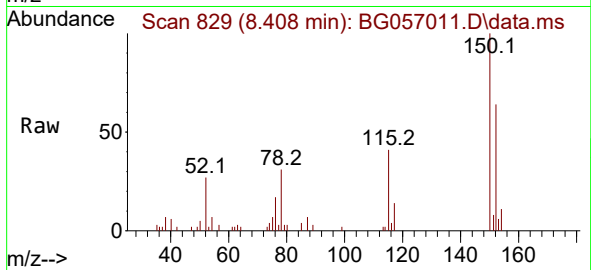




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.408 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057011.D
Acq: 6 Apr 2023 14:01

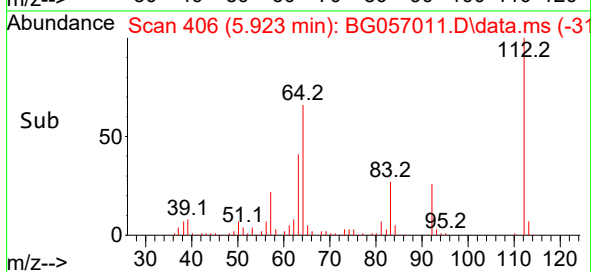
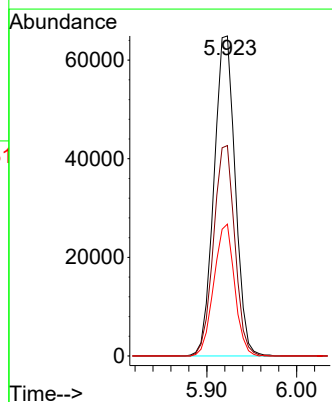
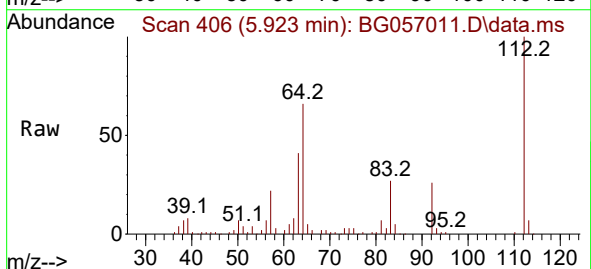
Instrument :
BNA_G
ClientSampleId :
PB151924BL

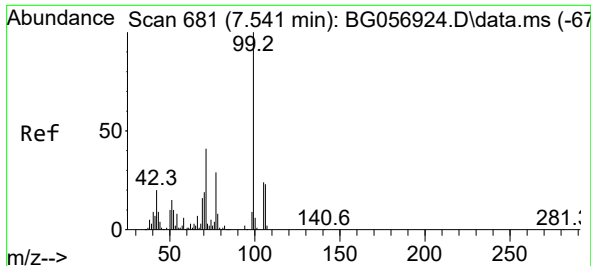
Tgt Ion:152 Resp: 12222
Ion Ratio Lower Upper
152 100
150 155.2 124.1 186.1
115 64.4 49.1 73.7



#5
2-Fluorophenol
Concen: 139.530 ng
RT: 5.923 min Scan# 406
Delta R.T. 0.006 min
Lab File: BG057011.D
Acq: 6 Apr 2023 14:01

Tgt Ion:112 Resp: 106554
Ion Ratio Lower Upper
112 100
64 65.7 53.2 79.8
63 41.2 32.6 48.8

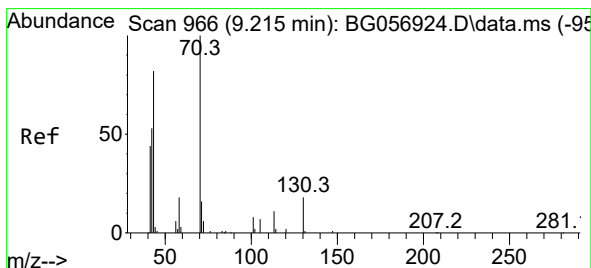
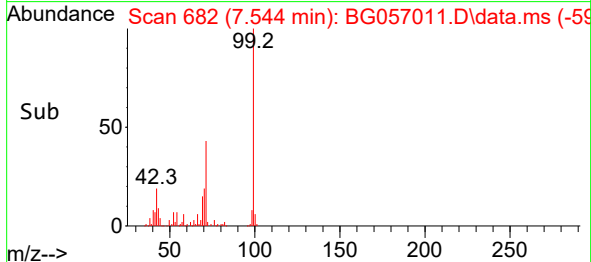
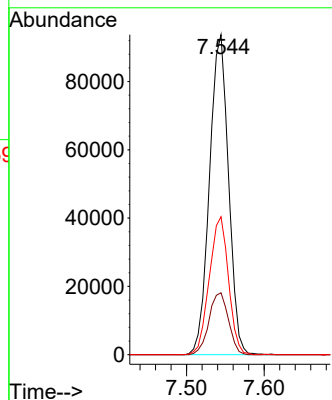
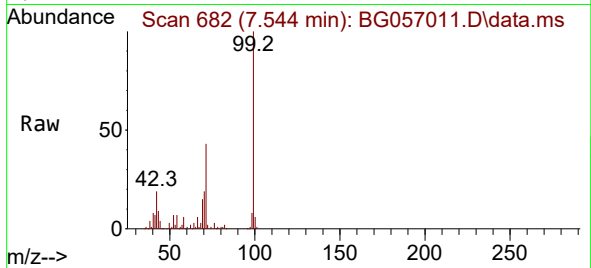




#7
Phenol-d6
Concen: 139.602 ng
RT: 7.544 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057011.D
Acq: 6 Apr 2023 14:01

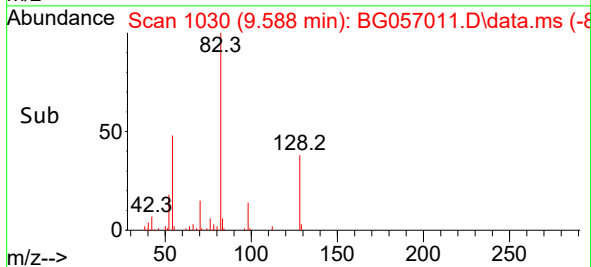
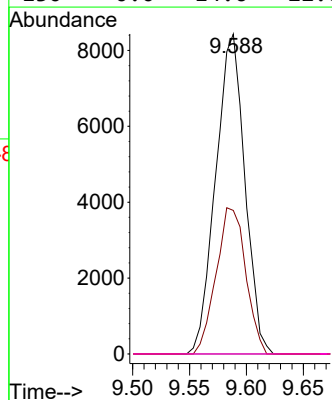
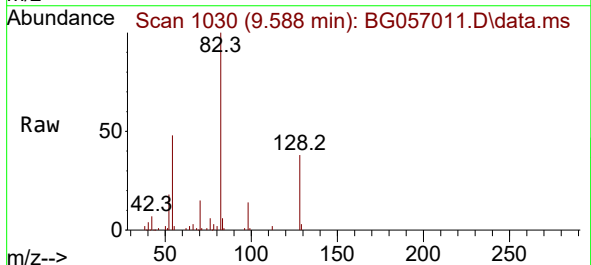
Instrument :
BNA_G
ClientSampleId :
PB151924BL

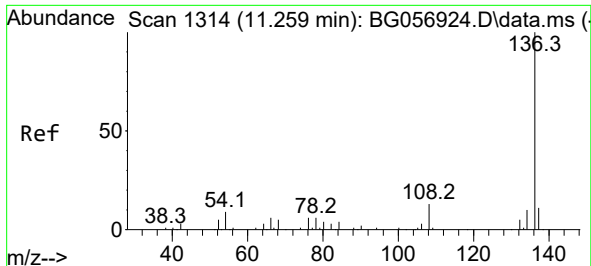
Tgt Ion: 99 Resp: 159446
Ion Ratio Lower Upper
99 100
42 19.3 15.7 23.5
71 43.1 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.384 ng
RT: 9.588 min Scan# 1030
Delta R.T. 0.376 min
Lab File: BG057011.D
Acq: 6 Apr 2023 14:01

Tgt Ion: 70 Resp: 15019
Ion Ratio Lower Upper
70 100
42 44.8 43.4 65.0
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#

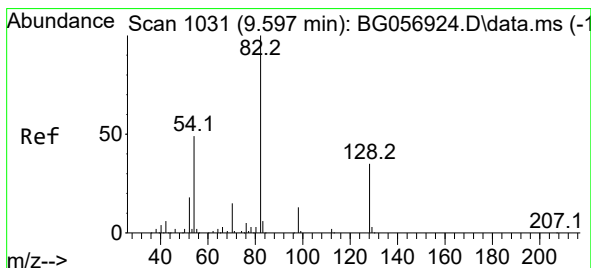
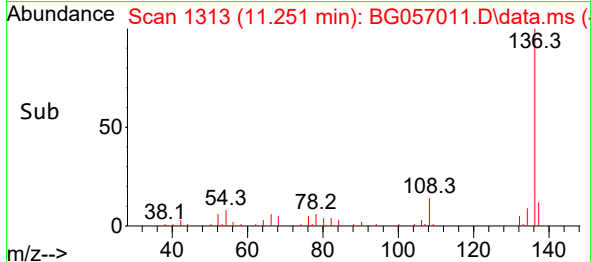
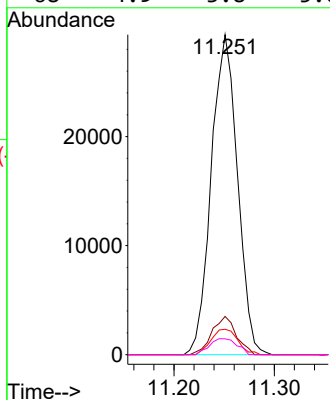
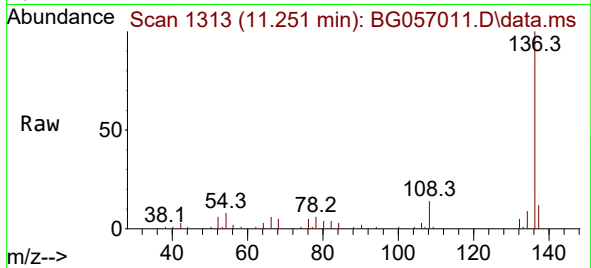




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG057011.D
Acq: 6 Apr 2023 14:01

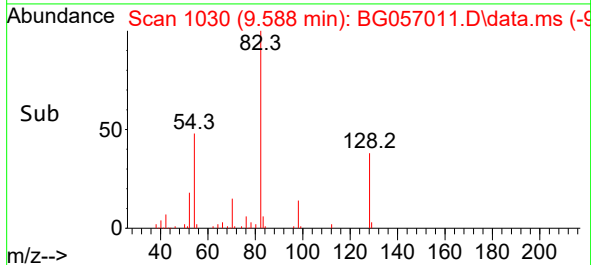
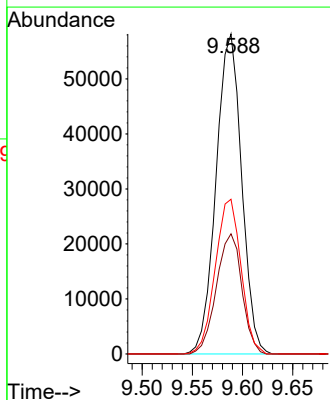
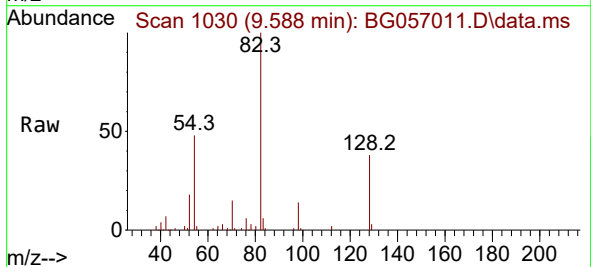
Instrument :
BNA_G
ClientSampleId :
PB151924BL

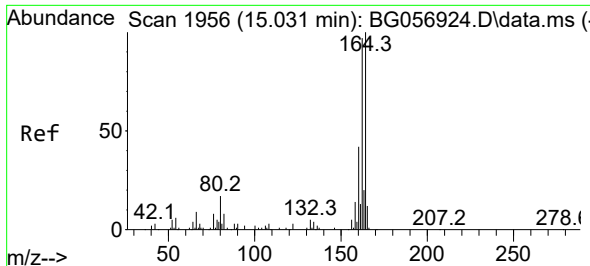
Tgt Ion:	136	Resp:	53161
Ion Ratio	Lower	Upper	
136	100		
137	12.0	8.6	13.0
54	8.0	6.9	10.3
68	4.9	3.8	5.6



#23
Nitrobenzene-d5
Concen: 79.112 ng
RT: 9.588 min Scan# 1030
Delta R.T. -0.005 min
Lab File: BG057011.D
Acq: 6 Apr 2023 14:01

Tgt Ion:	82	Resp:	102784
Ion Ratio	Lower	Upper	
82	100		
128	37.5	27.9	41.9
54	48.3	39.4	59.2

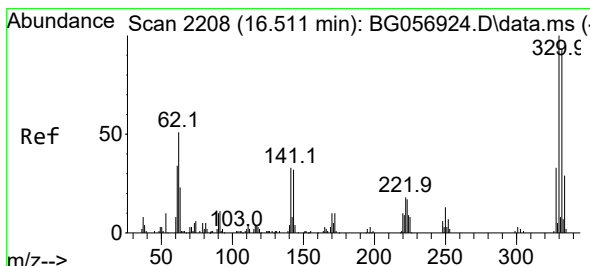
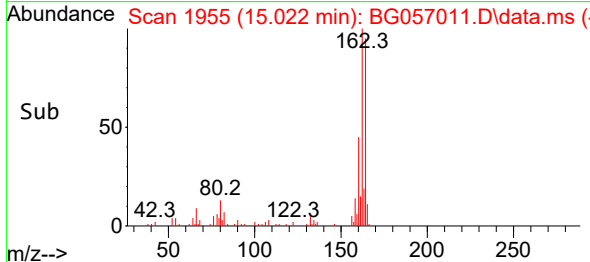
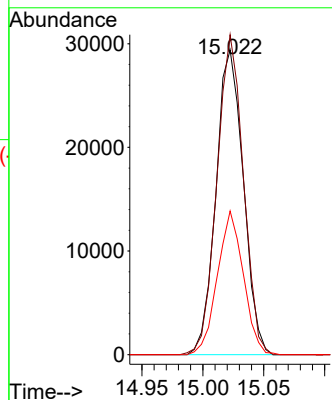
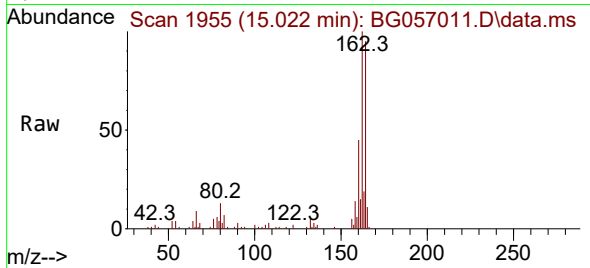




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.022 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BG057011.D
Acq: 6 Apr 2023 14:01

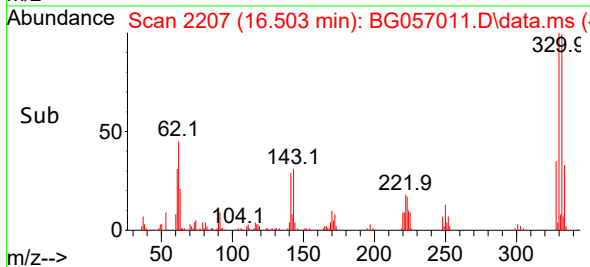
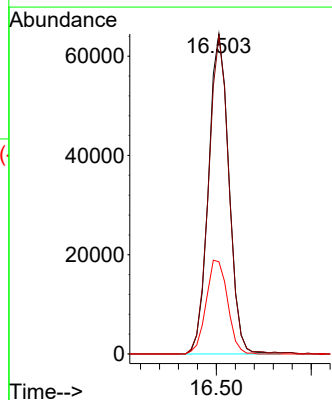
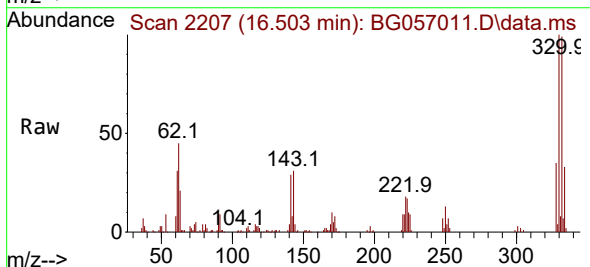
Instrument :
BNA_G
ClientSampleId :
PB151924BL

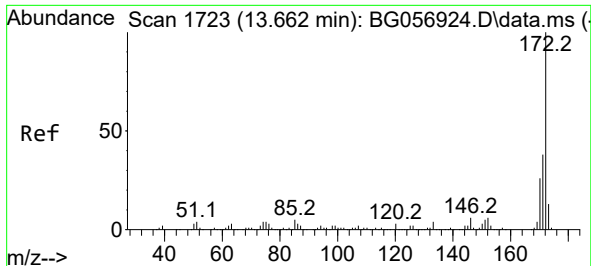
Tgt Ion:164 Resp: 45909
Ion Ratio Lower Upper
164 100
162 105.0 77.8 116.8
160 47.1 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 131.248 ng
RT: 16.503 min Scan# 2207
Delta R.T. -0.005 min
Lab File: BG057011.D
Acq: 6 Apr 2023 14:01

Tgt Ion:330 Resp: 96259
Ion Ratio Lower Upper
330 100
332 99.3 76.1 114.1
141 30.8 25.8 38.6

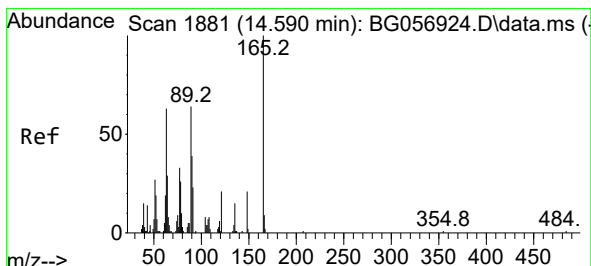
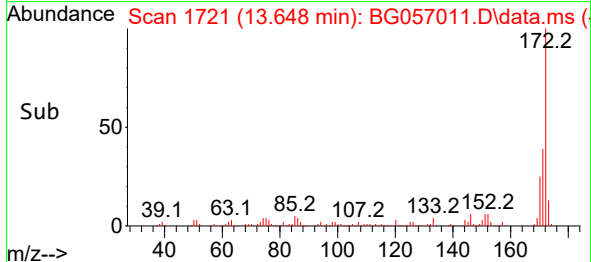
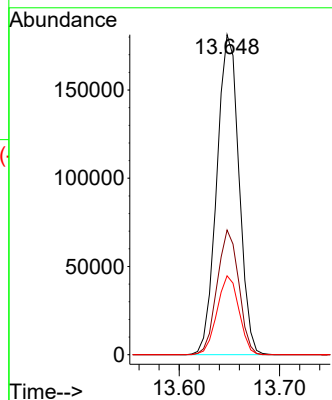
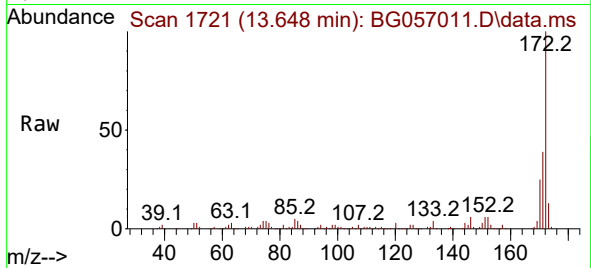




#45
2-Fluorobiphenyl
Concen: 82.114 ng
RT: 13.648 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057011.D
Acq: 6 Apr 2023 14:01

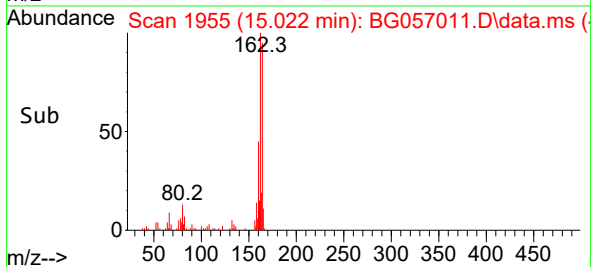
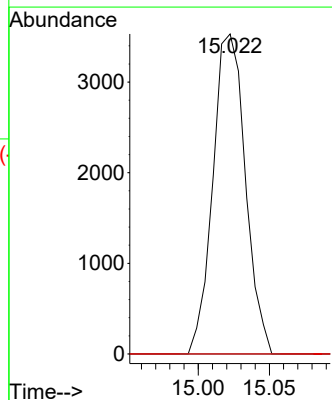
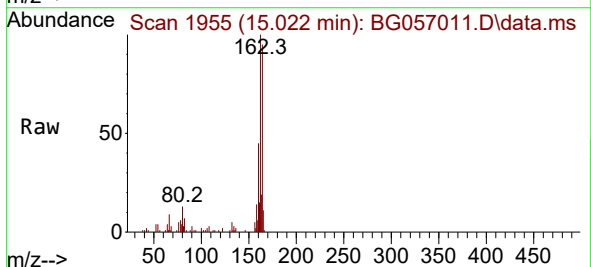
Instrument :
BNA_G
ClientSampleId :
PB151924BL

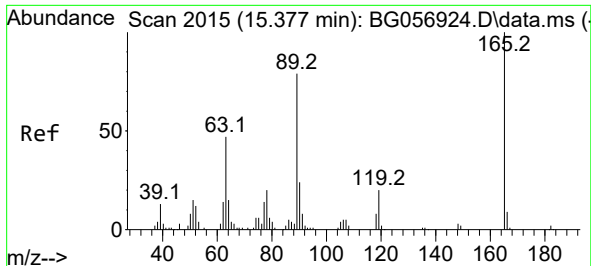
Tgt Ion:172 Resp: 278004
Ion Ratio Lower Upper
172 100
171 38.9 30.6 46.0
170 24.7 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.178 ng
RT: 15.022 min Scan# 1955
Delta R.T. 0.435 min
Lab File: BG057011.D
Acq: 6 Apr 2023 14:01

Tgt Ion:165 Resp: 5610
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: 5.089 ng

RT: 15.022 min Scan# 1955

Delta R.T. -0.352 min

Lab File: BG057011.D

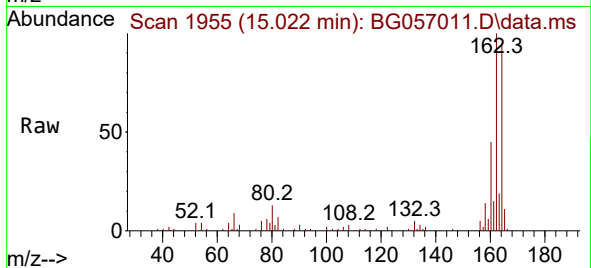
Acq: 6 Apr 2023 14:01

Instrument :

BNA_G

ClientSampleId :

PB151924BL



Tgt Ion:165 Resp: 5610

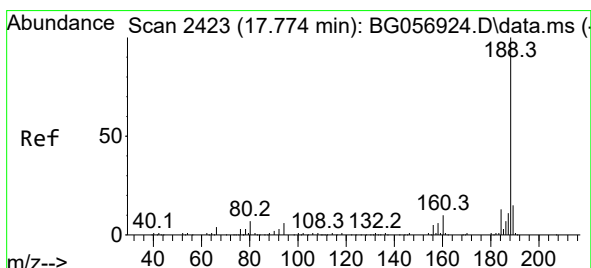
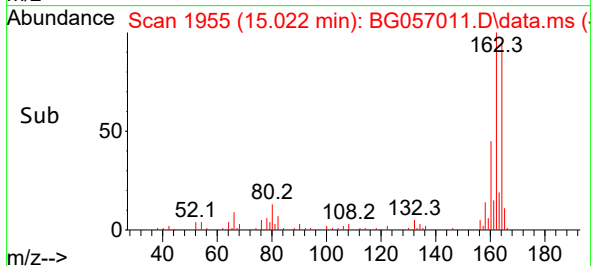
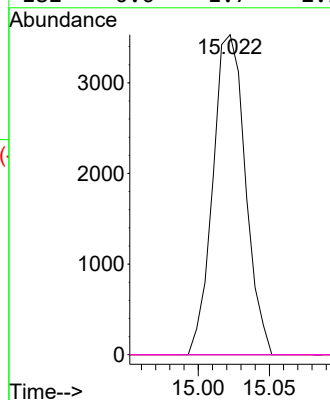
Ion Ratio Lower Upper

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. -0.005 min

Lab File: BG057011.D

Acq: 6 Apr 2023 14:01

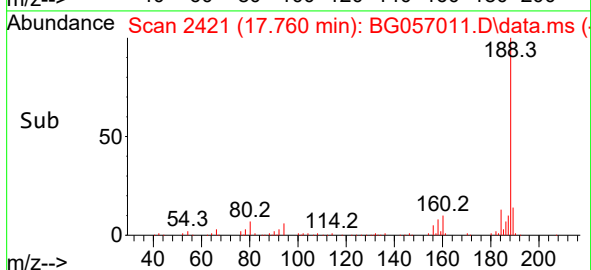
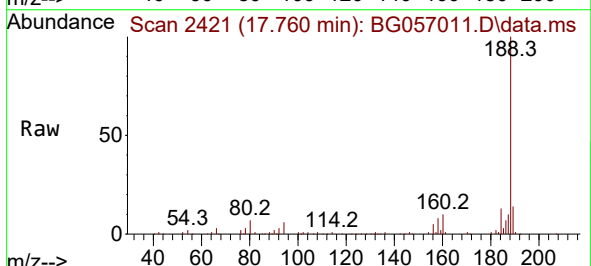
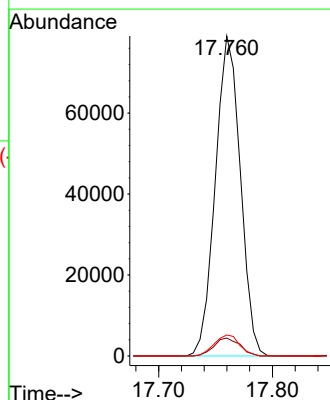
Tgt Ion:188 Resp: 120679

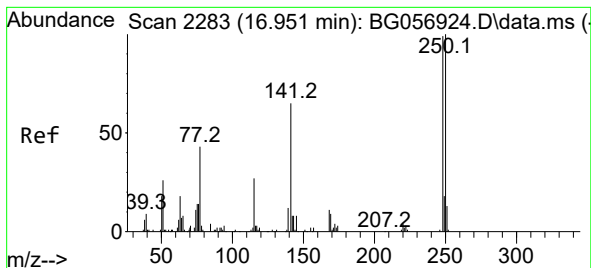
Ion Ratio Lower Upper

188 100

94 5.6 4.6 6.8

80 6.6 5.5 8.3

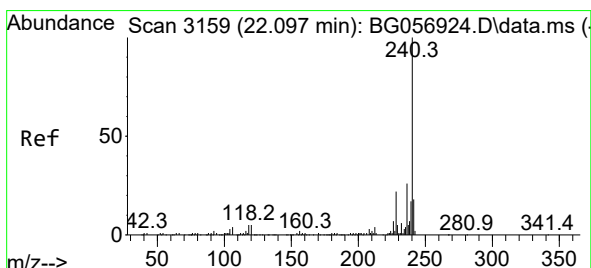
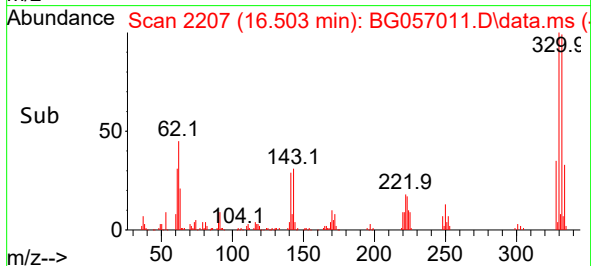
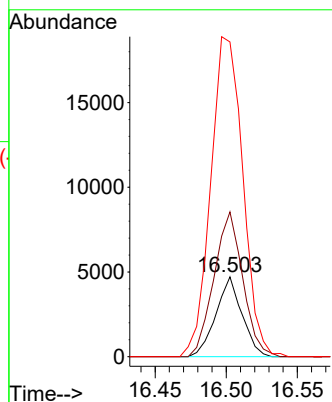
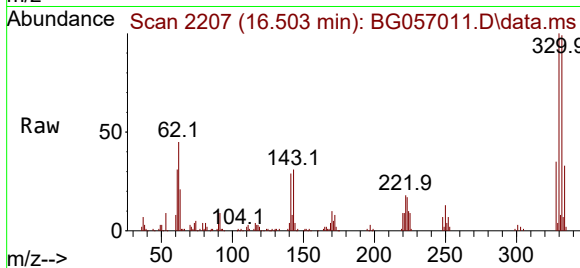




#67
4-Bromophenyl-phenylether
Concen: 4.029 ng
RT: 16.503 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG057011.D
Acq: 6 Apr 2023 14:01

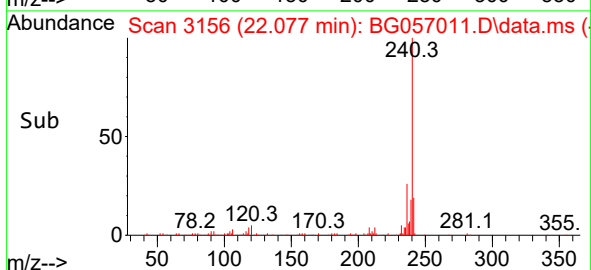
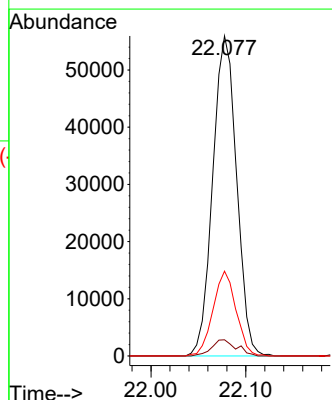
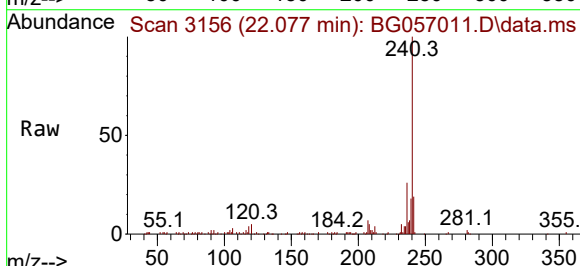
Instrument :
BNA_G
ClientSampleId :
PB151924BL

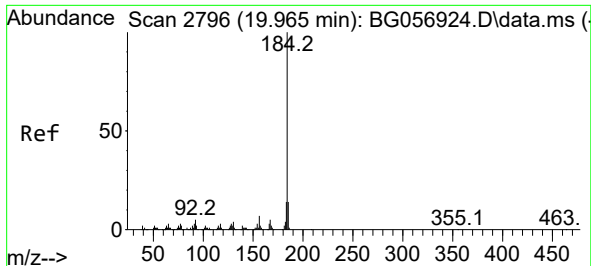
Tgt Ion:248 Resp: 6016
Ion Ratio Lower Upper
248 100
250 181.4 80.5 120.7#
141 394.2 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.077 min Scan# 3156
Delta R.T. -0.011 min
Lab File: BG057011.D
Acq: 6 Apr 2023 14:01

Tgt Ion:240 Resp: 97978
Ion Ratio Lower Upper
240 100
120 5.1 3.8 5.6
236 26.5 21.0 31.6

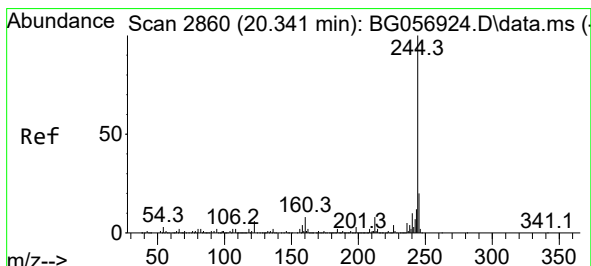
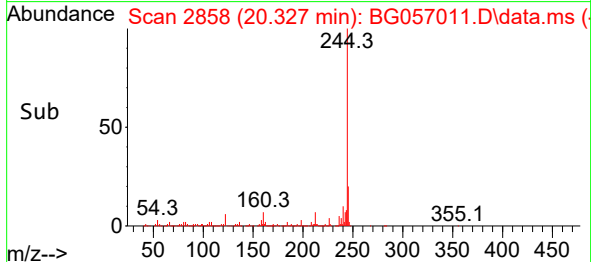
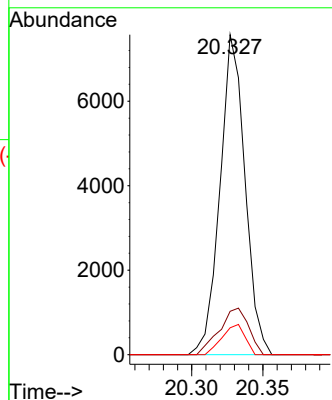
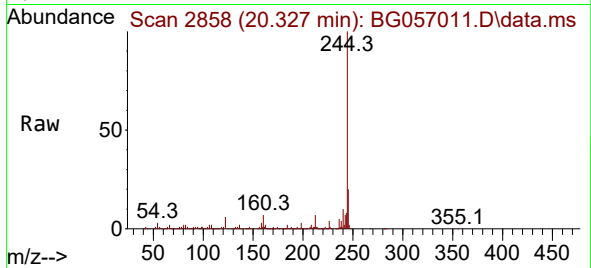




#77
Benzidine
Concen: 3.452 ng
RT: 20.327 min Scan# 2858
Delta R.T. 0.371 min
Lab File: BG057011.D
Acq: 6 Apr 2023 14:01

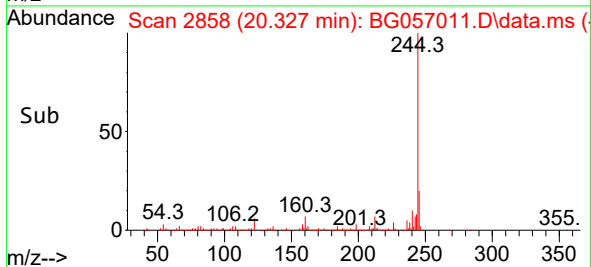
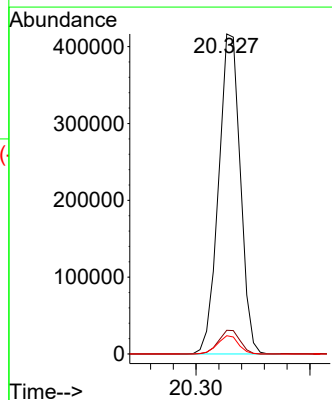
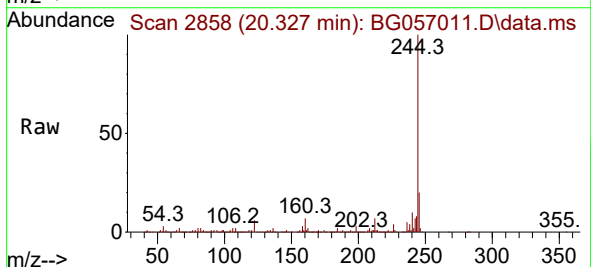
Instrument :
BNA_G
ClientSampleId :
PB151924BL

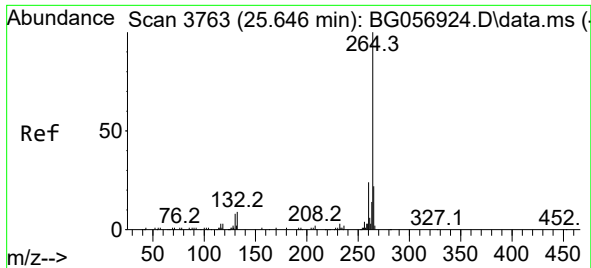
Tgt Ion:184 Resp: 9245
Ion Ratio Lower Upper
184 100
185 13.5 11.0 16.4
183 8.4 11.4 17.0#



#79
Terphenyl-d14
Concen: 95.485 ng
RT: 20.327 min Scan# 2858
Delta R.T. -0.005 min
Lab File: BG057011.D
Acq: 6 Apr 2023 14:01

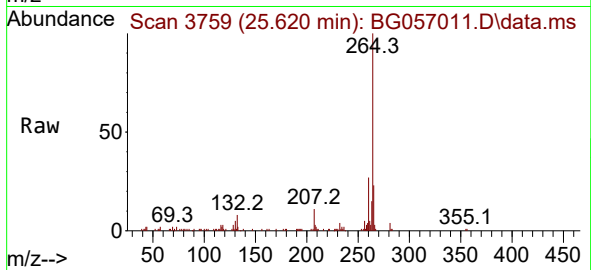
Tgt Ion:244 Resp: 552871
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 5.7 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.620 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG057011.D
Acq: 6 Apr 2023 14:01

Instrument :
BNA_G
ClientSampleId :
PB151924BL



Tgt Ion:264 Resp: 101230
Ion Ratio Lower Upper
264 100
260 27.0 19.0 28.4
265 22.7 17.8 26.6

