

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057848.D
 Acq On : 23 Jun 2023 19:08
 Operator : CG/JU
 Sample : PB153724BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153724BL

Quant Time: Jun 25 01:38:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

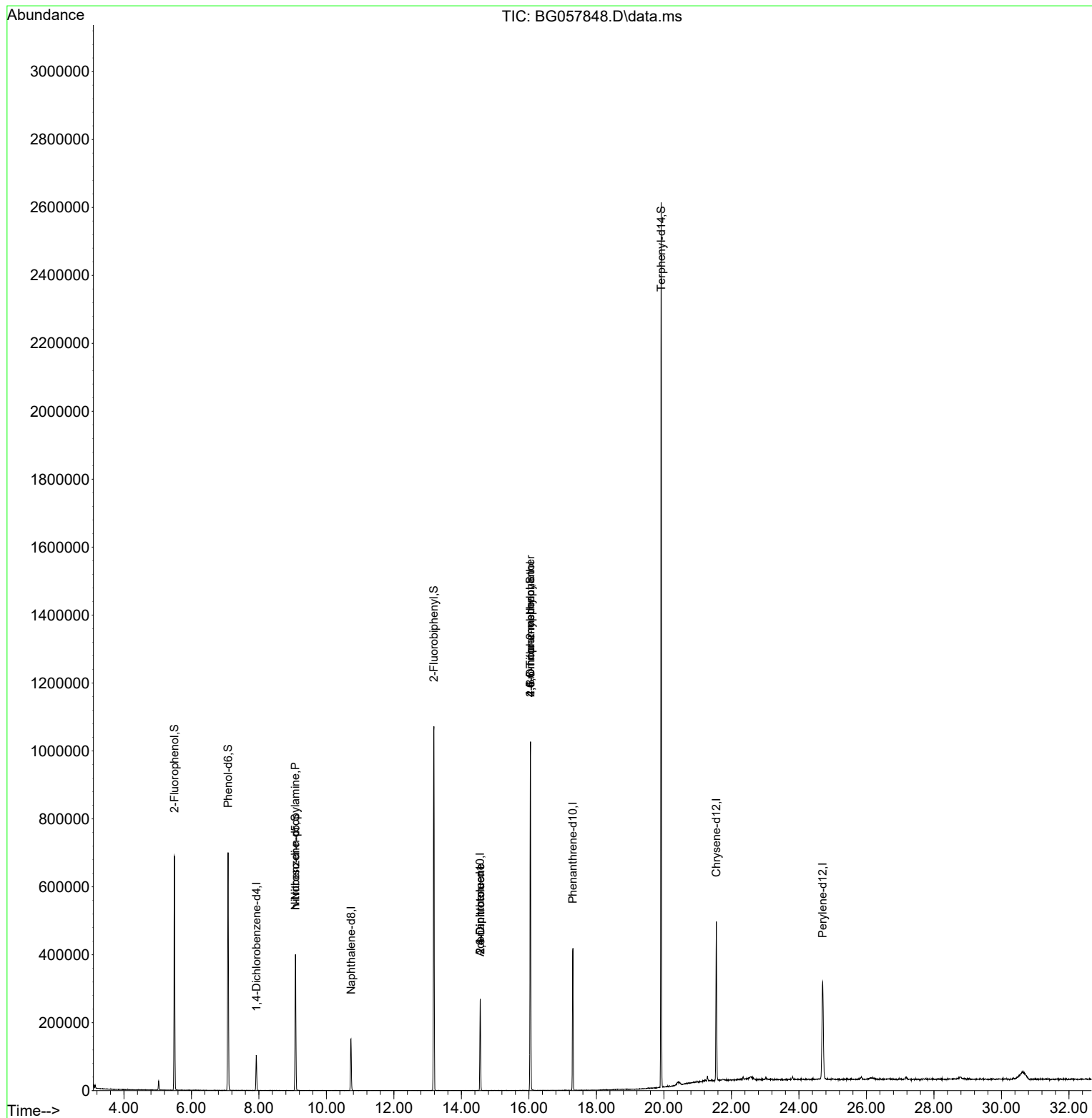
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	28728	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	131170	20.000	ng	0.00
39) Acenaphthene-d10	14.553	164	98655	20.000	ng	0.00
64) Phenanthrene-d10	17.303	188	273498	20.000	ng	0.00
76) Chrysene-d12	21.551	240	266073	20.000	ng	0.00
86) Perylene-d12	24.700	264	325324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	295280	158.484	ng	0.00
7) Phenol-d6	7.085	99	420327	147.852	ng	0.00
23) Nitrobenzene-d5	9.083	82	239846	93.846	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	220471	160.429	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	593334	91.220	ng	0.00
79) Terphenyl-d14	19.917	244	1325187	92.871	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.083	70	29812	15.041	ng	# 77
51) 2,6-Dinitrotoluene	14.559	165	12875	9.227	ng	# 18
57) 2,4-Dinitrotoluene	14.559	165	12875	6.804	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.045	198	571	5.716	ng	# 1
67) 4-Bromophenyl-phenylether	16.045	248	13940	4.806	ng	# 1

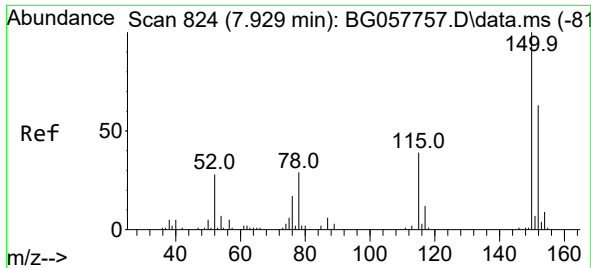
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
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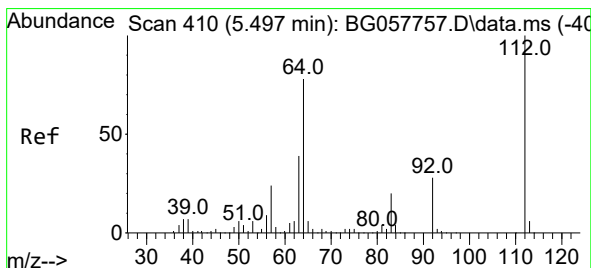
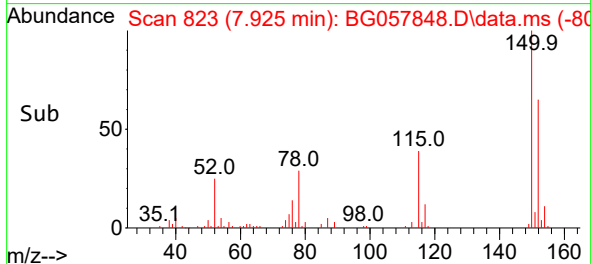
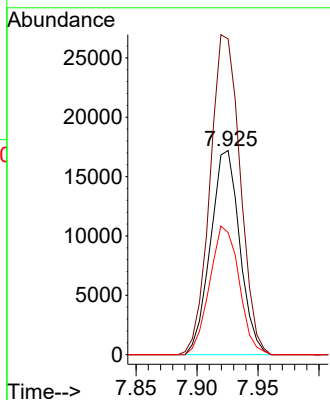
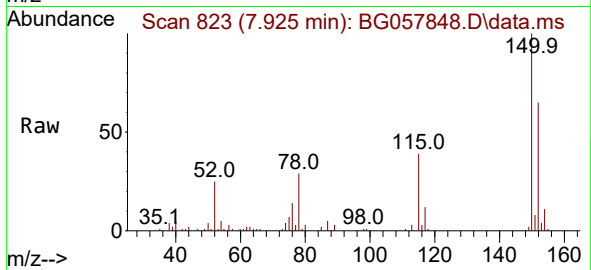




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057848.D
Acq: 23 Jun 2023 19:08

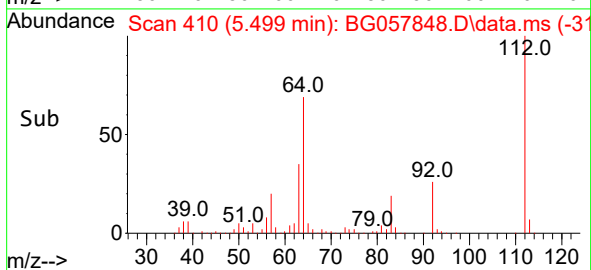
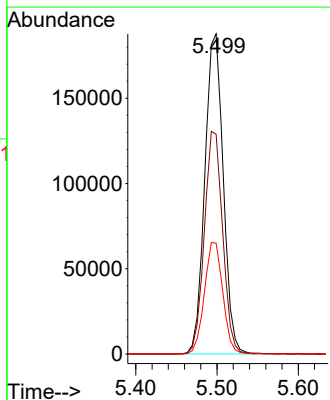
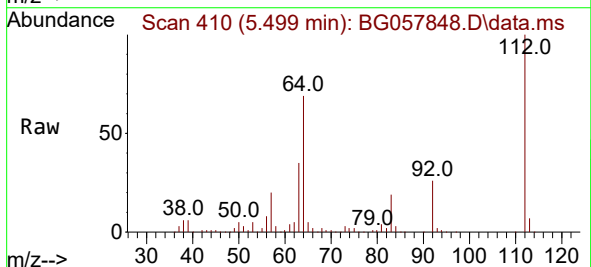
Instrument :
BNA_G
ClientSampleId :
PB153724BL

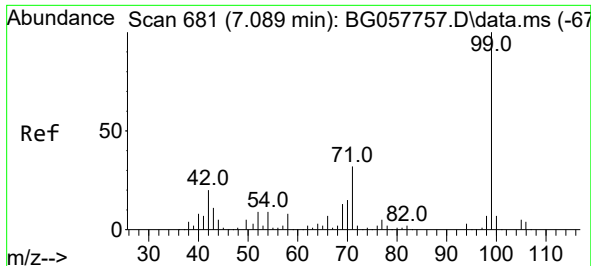
Tgt Ion:152 Resp: 28728
Ion Ratio Lower Upper
152 100
150 154.7 126.6 189.8
115 59.8 48.9 73.3



#5
2-Fluorophenol
Concen: 158.484 ng
RT: 5.499 min Scan# 410
Delta R.T. 0.002 min
Lab File: BG057848.D
Acq: 23 Jun 2023 19:08

Tgt Ion:112 Resp: 295280
Ion Ratio Lower Upper
112 100
64 68.6 62.1 93.1
63 34.6 31.5 47.3

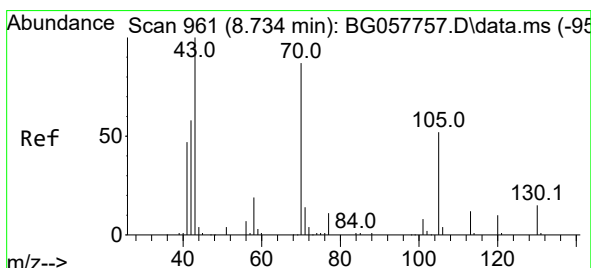
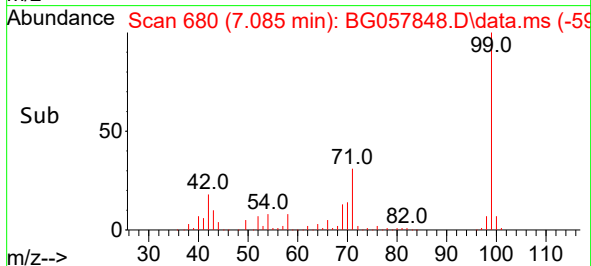
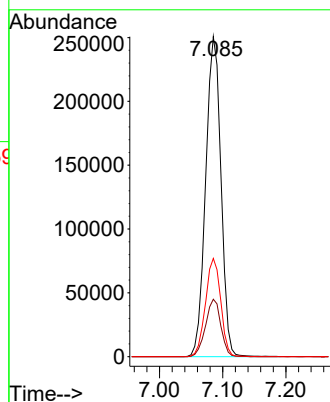
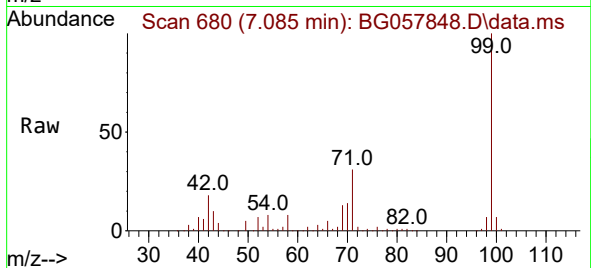




#7
Phenol-d6
Concen: 147.852 ng
RT: 7.085 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057848.D
Acq: 23 Jun 2023 19:08

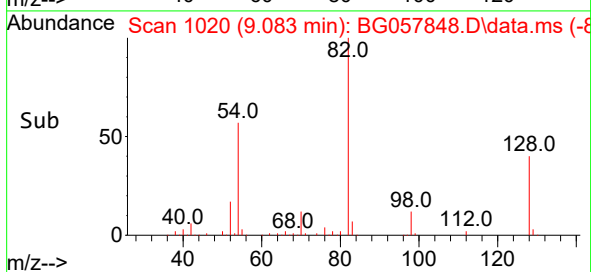
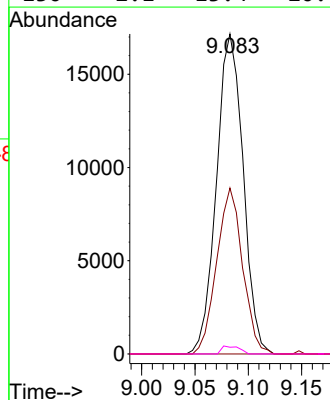
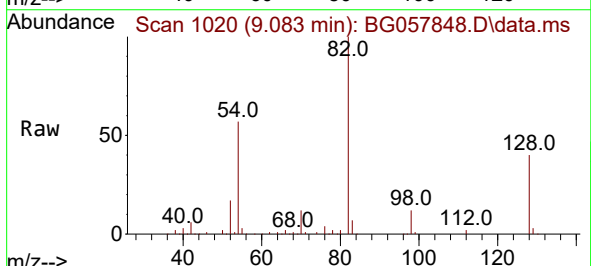
Instrument :
BNA_G
ClientSampleId :
PB153724BL

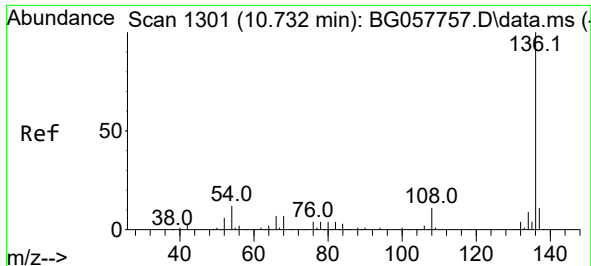
Tgt Ion: 99 Resp: 420327
Ion Ratio Lower Upper
99 100
42 17.9 16.4 24.6
71 30.7 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.041 ng
RT: 9.083 min Scan# 1020
Delta R.T. 0.349 min
Lab File: BG057848.D
Acq: 23 Jun 2023 19:08

Tgt Ion: 70 Resp: 29812
Ion Ratio Lower Upper
70 100
42 51.8 54.2 81.2#
101 0.0 7.4 11.0#
130 2.1 13.4 20.0#

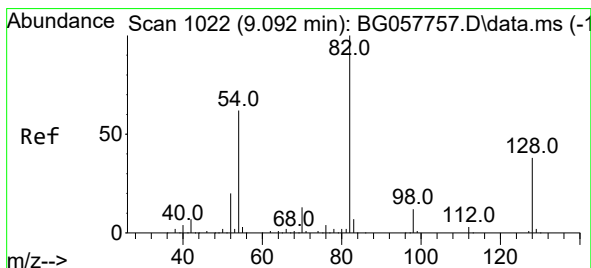
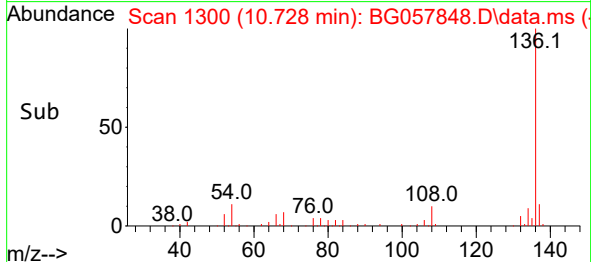
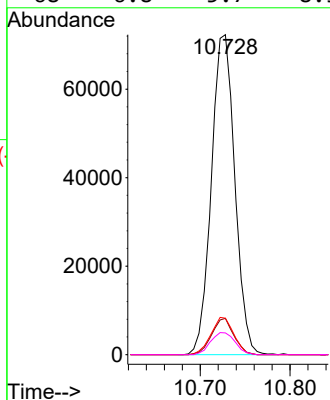
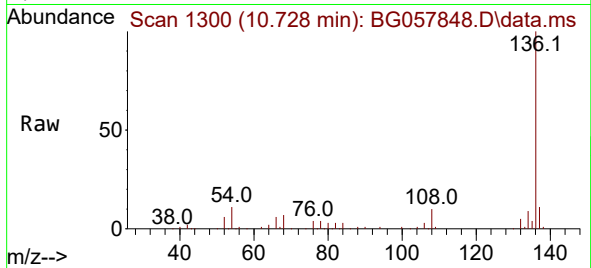




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057848.D
Acq: 23 Jun 2023 19:08

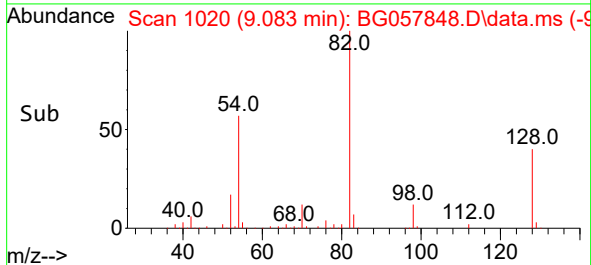
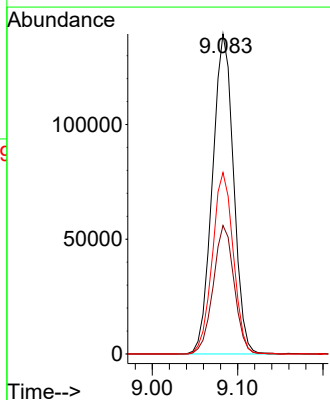
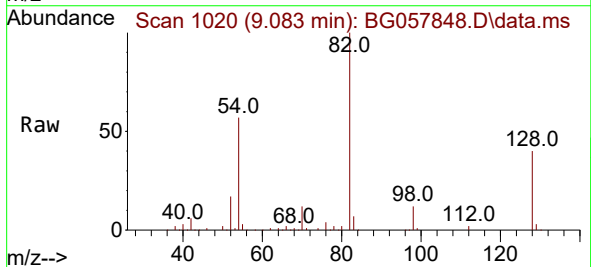
Instrument :
BNA_G
ClientSampleId :
PB153724BL

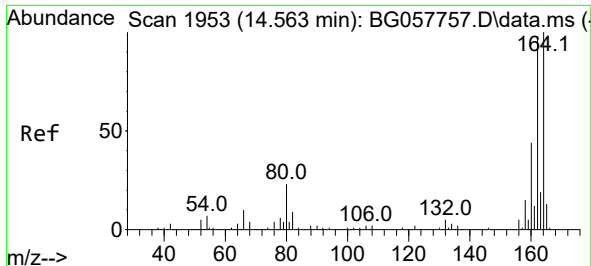
Tgt Ion:	136	Resp:	131170
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.5	12.7
54	11.4	9.5	14.3
68	6.8	5.7	8.5



#23
Nitrobenzene-d5
Concen: 93.846 ng
RT: 9.083 min Scan# 1020
Delta R.T. -0.010 min
Lab File: BG057848.D
Acq: 23 Jun 2023 19:08

Tgt Ion:	82	Resp:	239846
Ion Ratio	Lower	Upper	
82	100		
128	40.1	30.7	46.1
54	56.7	49.6	74.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.553 min Scan# 1951

Delta R.T. -0.010 min

Lab File: BG057848.D

Acq: 23 Jun 2023 19:08

Instrument :

BNA_G

ClientSampleId :

PB153724BL

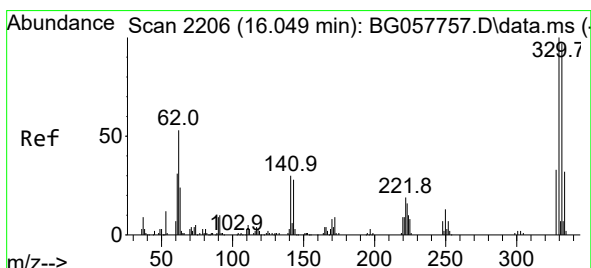
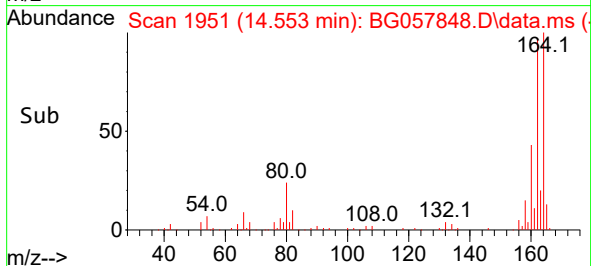
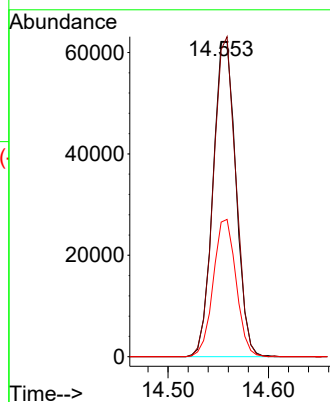
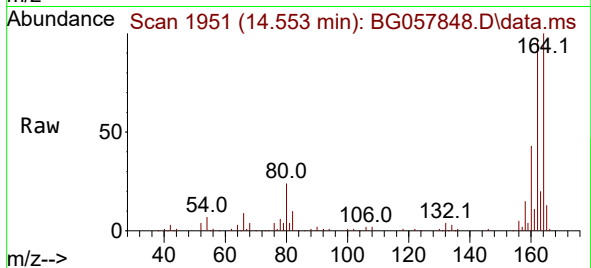
Tgt Ion:164 Resp: 98655

Ion Ratio Lower Upper

164 100

162 97.4 78.3 117.5

160 42.7 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 160.429 ng

RT: 16.045 min Scan# 2205

Delta R.T. -0.004 min

Lab File: BG057848.D

Acq: 23 Jun 2023 19:08

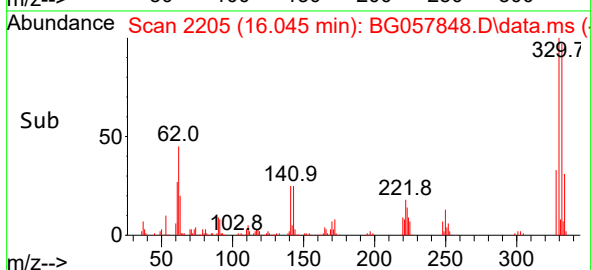
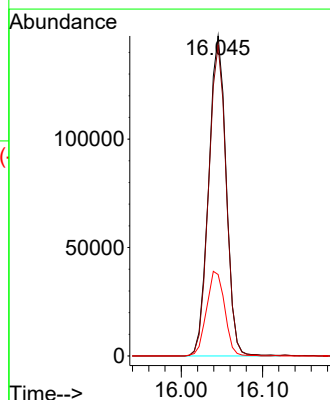
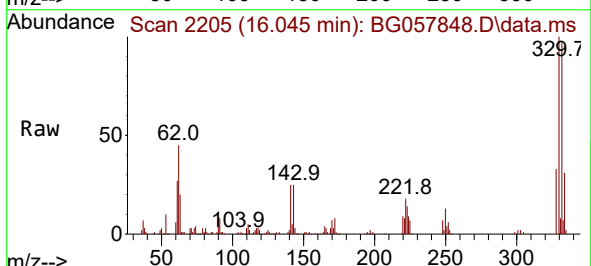
Tgt Ion:330 Resp: 220471

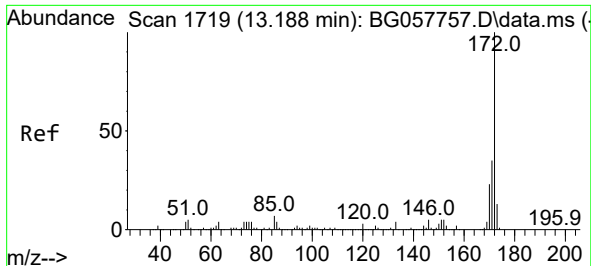
Ion Ratio Lower Upper

330 100

332 97.1 76.6 115.0

141 27.4 24.7 37.1

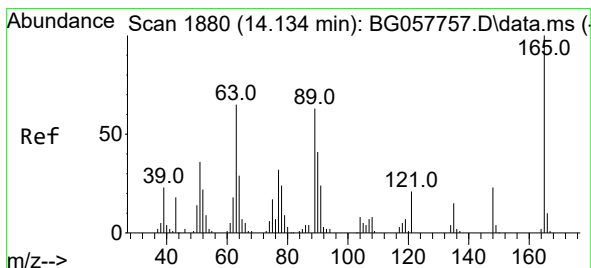
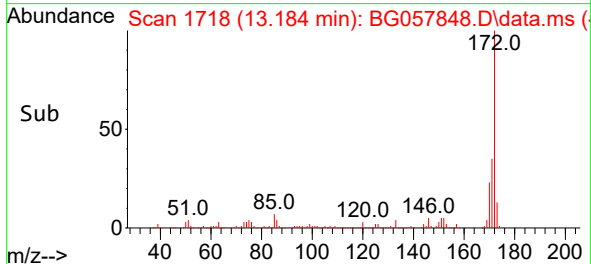
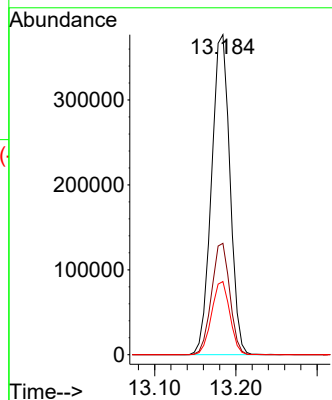
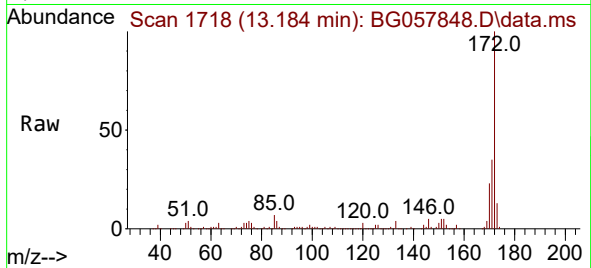




#45
2-Fluorobiphenyl
Concen: 91.220 ng
RT: 13.184 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057848.D
Acq: 23 Jun 2023 19:08

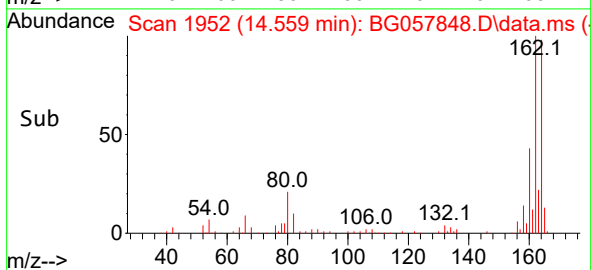
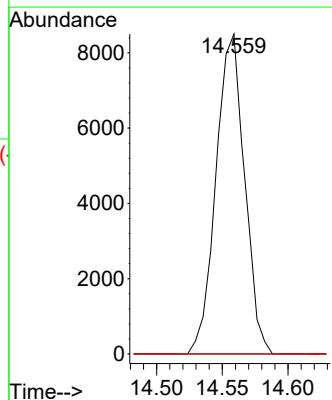
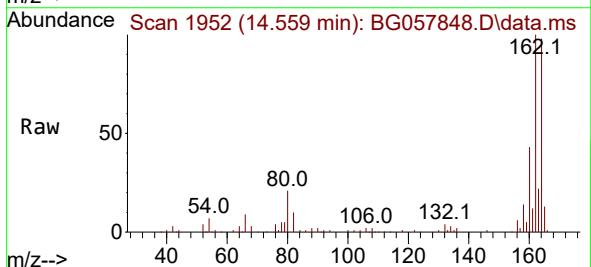
Instrument :
BNA_G
ClientSampleId :
PB153724BL

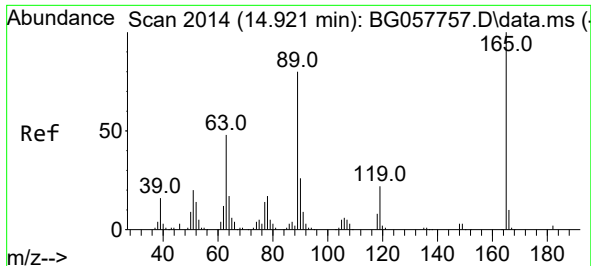
Tgt Ion:172 Resp: 593334
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 22.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.227 ng
RT: 14.559 min Scan# 1952
Delta R.T. 0.425 min
Lab File: BG057848.D
Acq: 23 Jun 2023 19:08

Tgt Ion:165 Resp: 12875
Ion Ratio Lower Upper
165 100
63 0.0 52.8 79.2#
89 0.0 50.7 76.1#





#57

2,4-Dinitrotoluene

Concen: 6.804 ng

RT: 14.559 min Scan# 1419

Delta R.T. -0.362 min

Lab File: BG057848.D

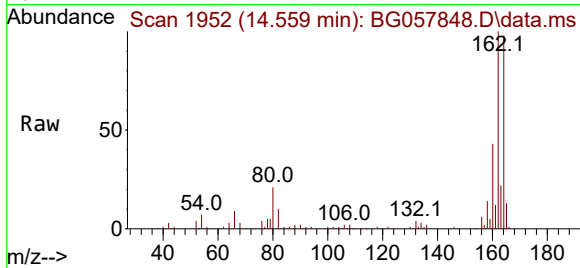
Acq: 23 Jun 2023 19:08

Instrument :

BNA_G

ClientSampleId :

PB153724BL



Tgt Ion:165 Resp: 12875

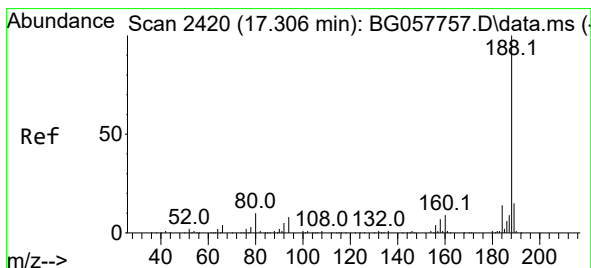
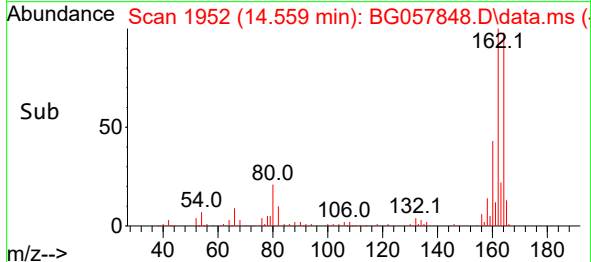
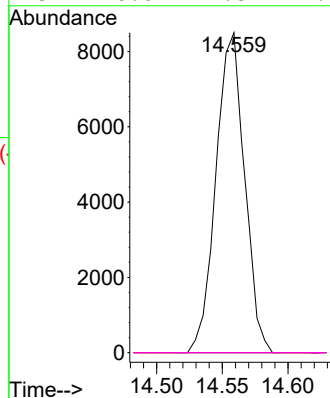
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 0.0 63.7 95.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.303 min Scan# 2419

Delta R.T. -0.004 min

Lab File: BG057848.D

Acq: 23 Jun 2023 19:08

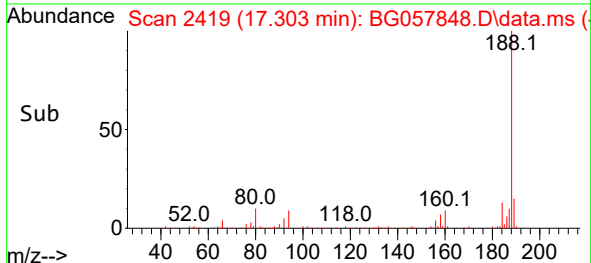
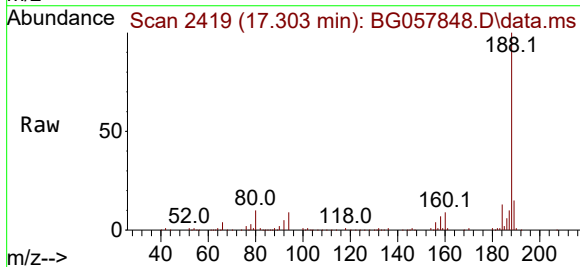
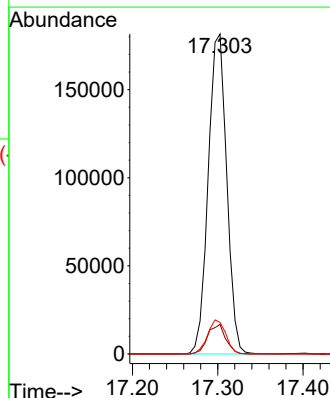
Tgt Ion:188 Resp: 273498

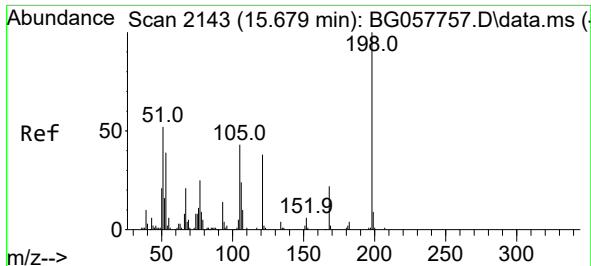
Ion Ratio Lower Upper

188 100

94 9.3 6.6 9.8

80 9.8 7.6 11.4

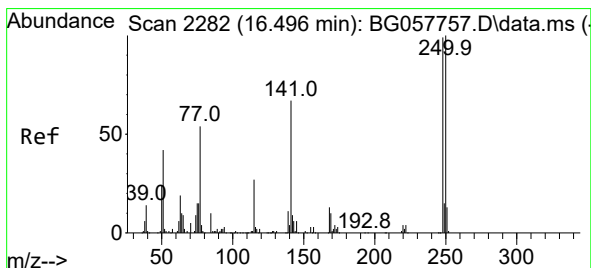
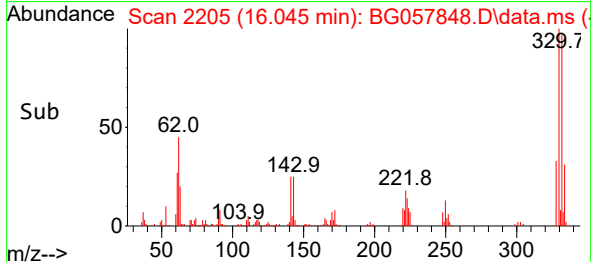
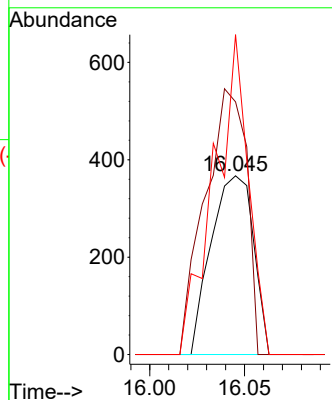
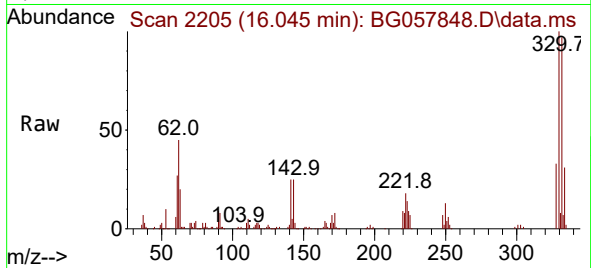




#65
4,6-Dinitro-2-methylphenol
Concen: 5.716 ng
RT: 16.045 min Scan# 2143
Delta R.T. 0.366 min
Lab File: BG057848.D
Acq: 23 Jun 2023 19:08

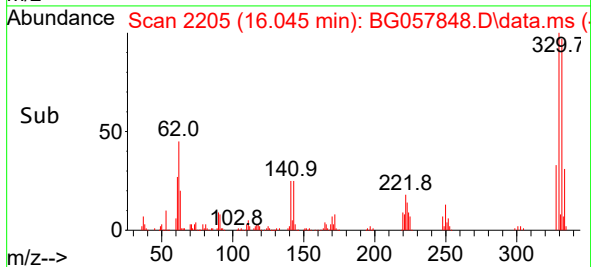
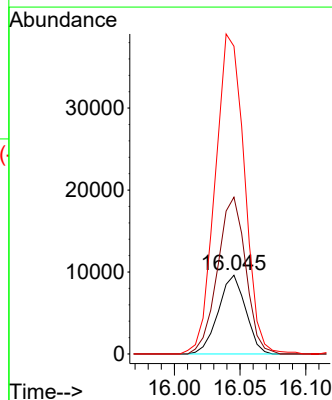
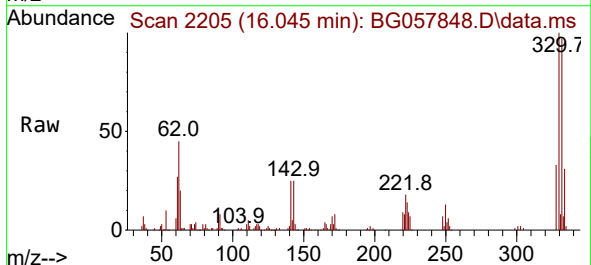
Instrument :
BNA_G
ClientSampleId :
PB153724BL

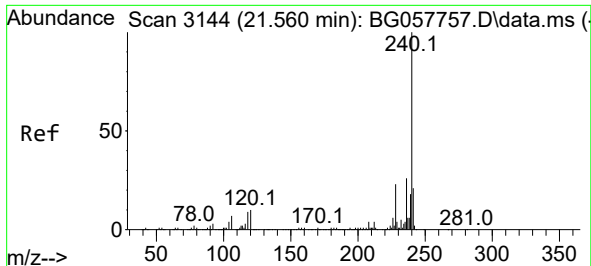
Tgt Ion:198 Resp: 571
Ion Ratio Lower Upper
198 100
51 141.4 36.6 76.6#
105 179.0 24.3 64.3#



#67
4-Bromophenyl-phenylether
Concen: 4.806 ng
RT: 16.045 min Scan# 2205
Delta R.T. -0.450 min
Lab File: BG057848.D
Acq: 23 Jun 2023 19:08

Tgt Ion:248 Resp: 13940
Ion Ratio Lower Upper
248 100
250 199.0 81.1 121.7#
141 390.7 54.6 81.8#

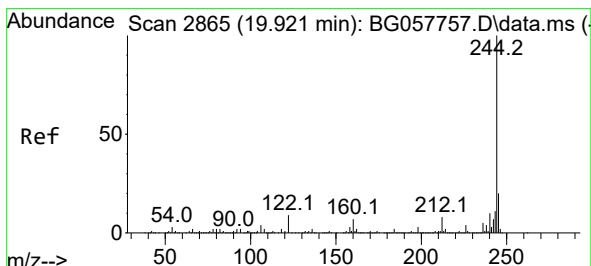
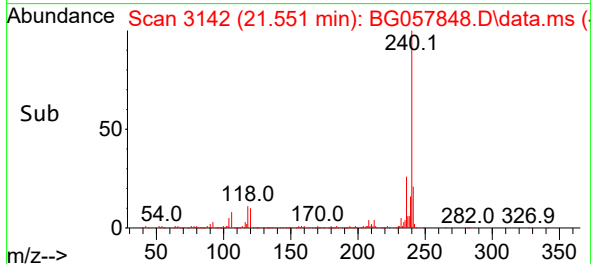
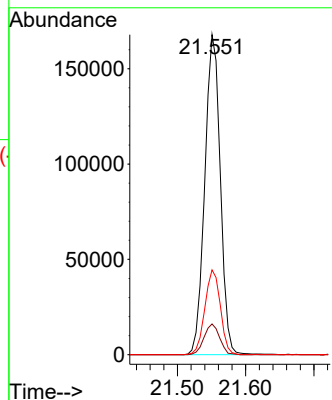
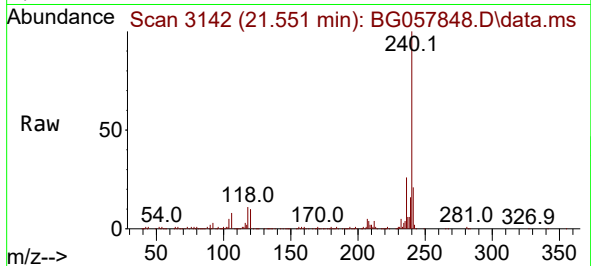




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.551 min Scan# 3144
Delta R.T. -0.010 min
Lab File: BG057848.D
Acq: 23 Jun 2023 19:08

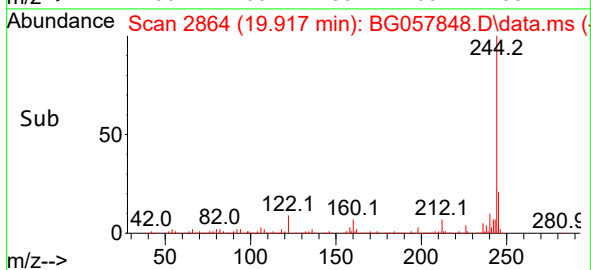
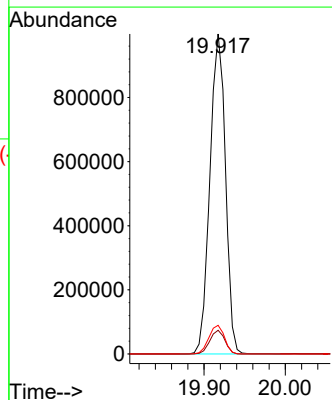
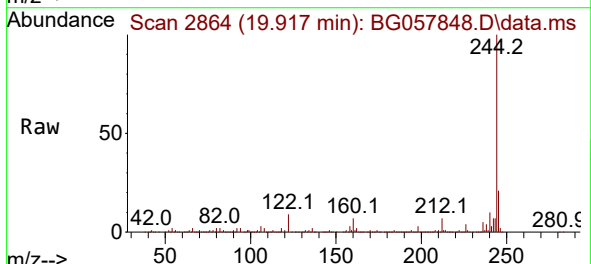
Instrument :
BNA_G
ClientSampleId :
PB153724BL

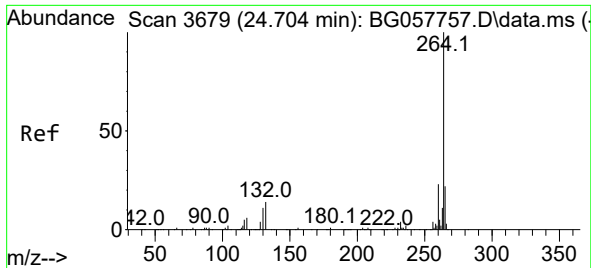
Tgt Ion:240 Resp: 266073
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 26.5 20.6 30.8



#79
Terphenyl-d14
Concen: 92.871 ng
RT: 19.917 min Scan# 2864
Delta R.T. -0.004 min
Lab File: BG057848.D
Acq: 23 Jun 2023 19:08

Tgt Ion:244 Resp: 1325187
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 8.9 7.6 11.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.700 min Scan# 30
Delta R.T. -0.004 min
Lab File: BG057848.D
Acq: 23 Jun 2023 19:08

Instrument :
BNA_G
ClientSampleId :
PB153724BL

Tgt Ion:264 Resp: 325324

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.5	27.7
265	21.4	17.4	26.2

