

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061923\
 Data File : BG057763.D
 Acq On : 19 Jun 2023 20:23
 Operator : CG/JU
 Sample : PB153322BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153322BL

Quant Time: Jun 20 04:03:01 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)

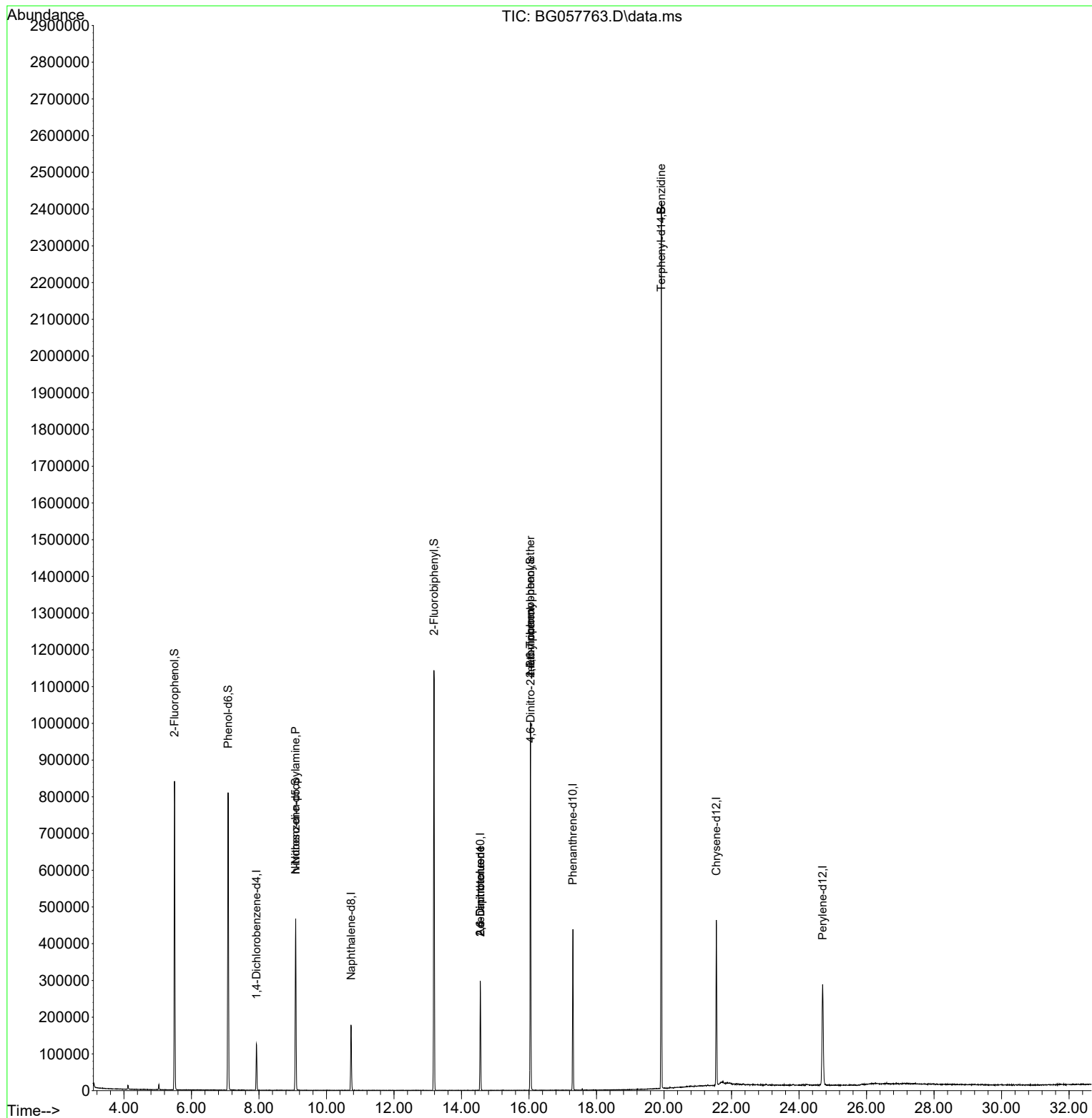
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	33738	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	147492	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	102683	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	270743	20.000	ng	0.00
76) Chrysene-d12	21.549	240	252184	20.000	ng	-0.01
86) Perylene-d12	24.698	264	297277	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	335188	153.189	ng	0.00
7) Phenol-d6	7.084	99	470128	140.813	ng	0.00
23) Nitrobenzene-d5	9.087	82	265568	92.411	ng	0.00
42) 2,4,6-Tribromophenol	16.044	330	189636	132.579	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	621809	91.848	ng	0.00
79) Terphenyl-d14	19.922	244	1227982	90.798	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.087	70	32928	14.147	ng	# 83
51) 2,6-Dinitrotoluene	14.557	165	13412	9.235	ng	# 18
57) 2,4-Dinitrotoluene	14.557	165	13412	6.810	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.050	198	429	5.618	ng	# 1
67) 4-Bromophenyl-phenylether	16.044	248	12364	4.306	ng	# 1
77) Benzidine	19.916	184	17623	2.981	ng	# 90

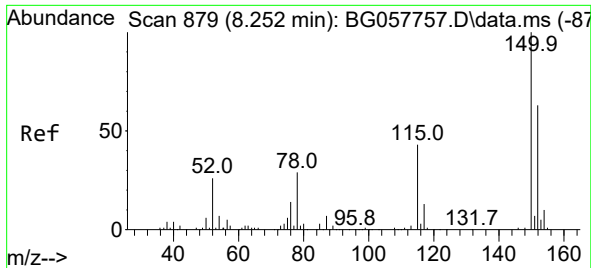
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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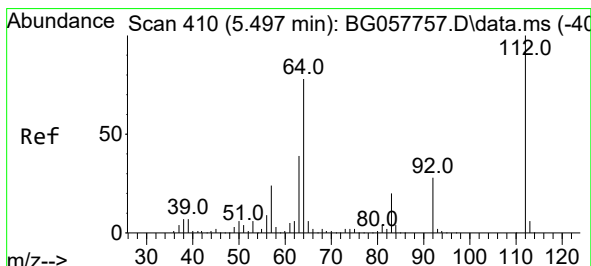
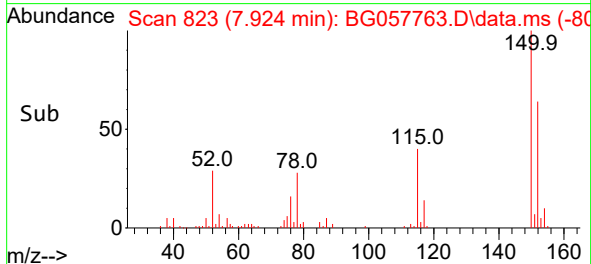
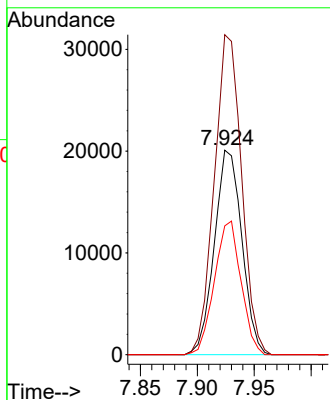
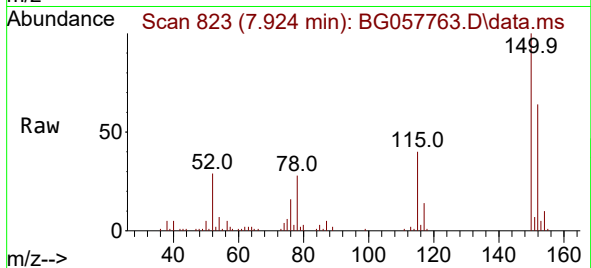




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057763.D
Acq: 19 Jun 2023 20:23

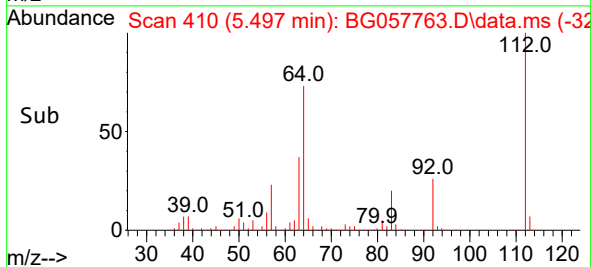
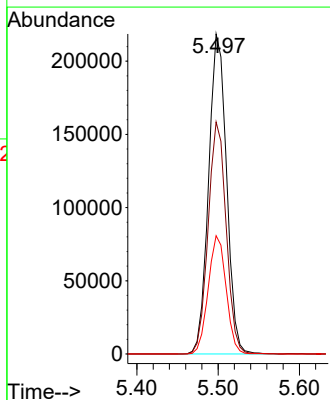
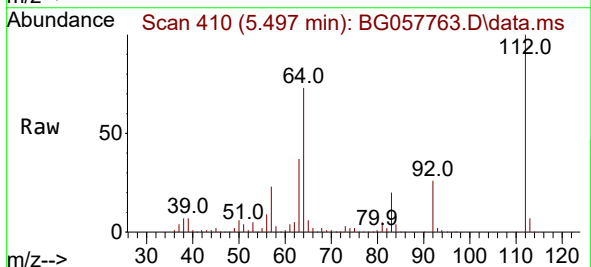
Instrument :
BNA_G
ClientSampleId :
PB153322BL

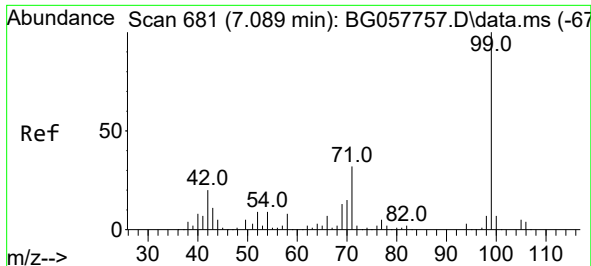
Tgt Ion:152 Resp: 33738
Ion Ratio Lower Upper
152 100
150 156.5 126.6 189.8
115 63.0 48.9 73.3



#5
2-Fluorophenol
Concen: 153.189 ng
RT: 5.497 min Scan# 410
Delta R.T. 0.001 min
Lab File: BG057763.D
Acq: 19 Jun 2023 20:23

Tgt Ion:112 Resp: 335188
Ion Ratio Lower Upper
112 100
64 72.5 62.1 93.1
63 37.0 31.5 47.3

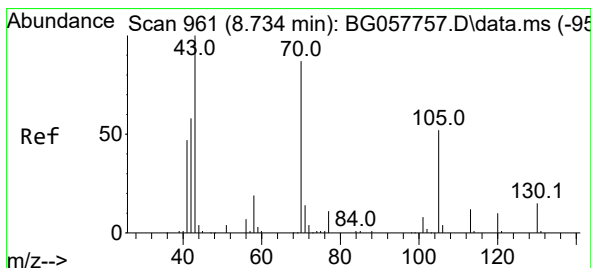
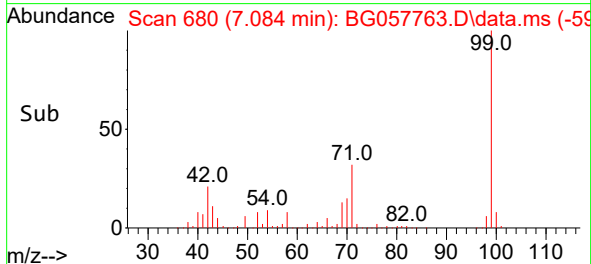
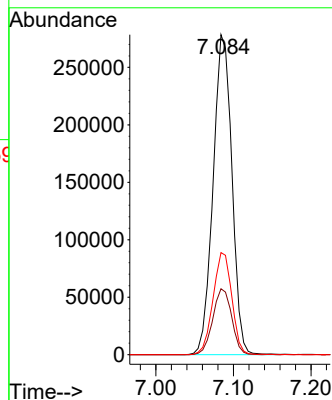
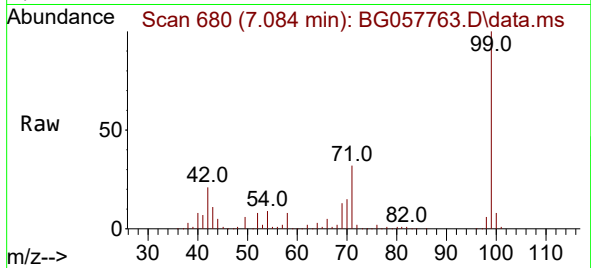




#7
Phenol-d6
Concen: 140.813 ng
RT: 7.084 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057763.D
Acq: 19 Jun 2023 20:23

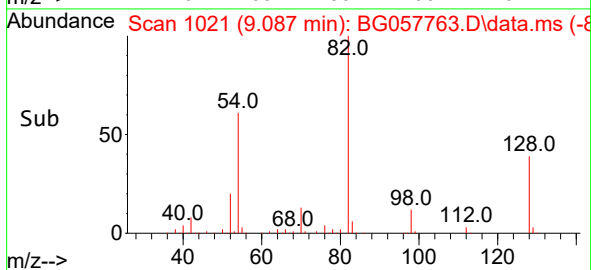
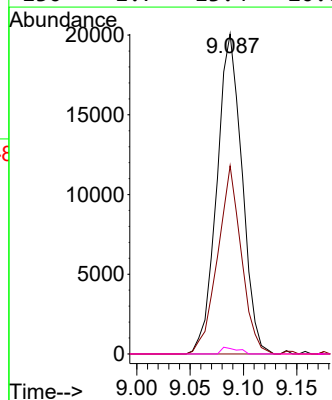
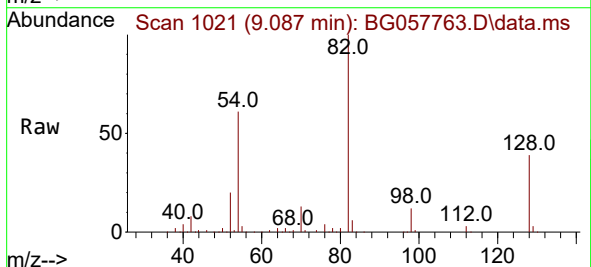
Instrument :
BNA_G
ClientSampleId :
PB153322BL

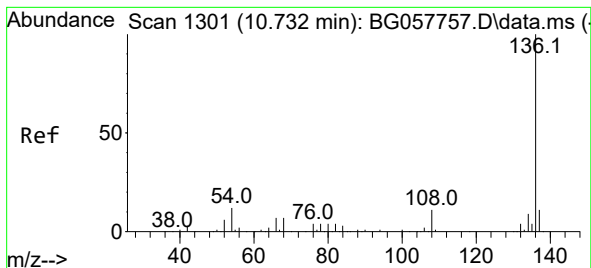
Tgt Ion: 99 Resp: 470128
Ion Ratio Lower Upper
99 100
42 20.6 16.4 24.6
71 31.9 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.147 ng
RT: 9.087 min Scan# 1021
Delta R.T. 0.353 min
Lab File: BG057763.D
Acq: 19 Jun 2023 20:23

Tgt Ion: 70 Resp: 32928
Ion Ratio Lower Upper
70 100
42 58.8 54.2 81.2
101 0.0 7.4 11.0#
130 1.7 13.4 20.0#

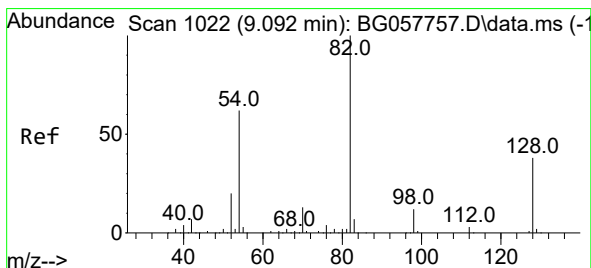
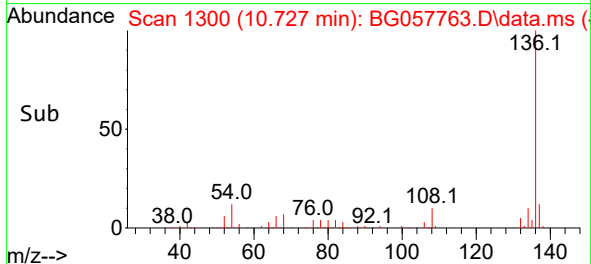
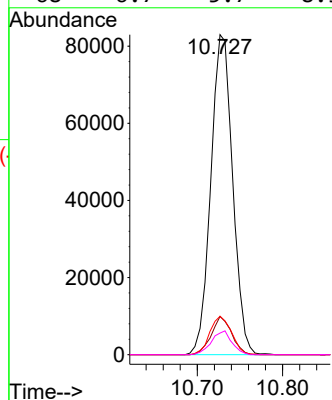
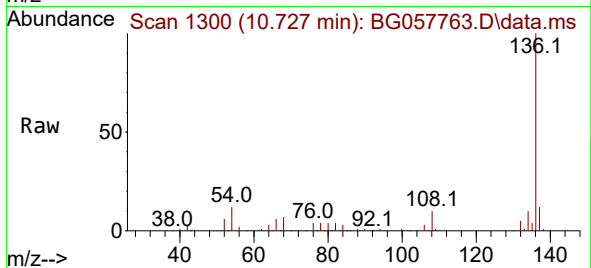




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057763.D
Acq: 19 Jun 2023 20:23

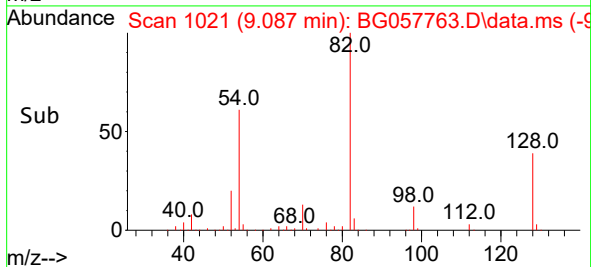
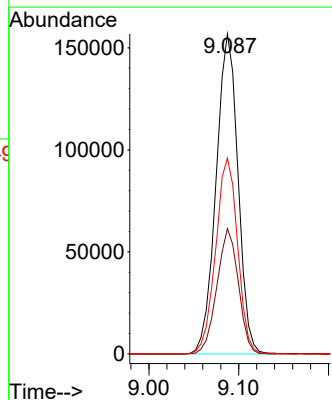
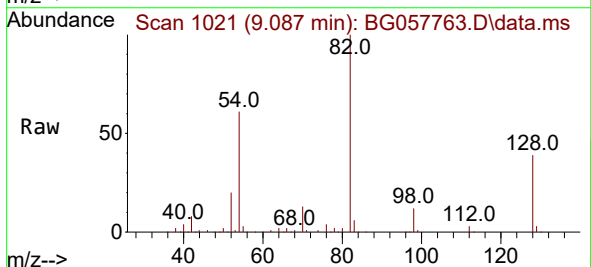
Instrument :
BNA_G
ClientSampleId :
PB153322BL

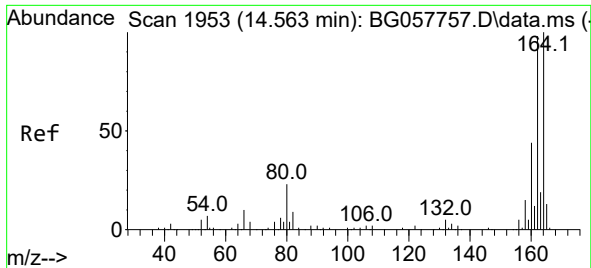
Tgt Ion:	136	Resp:	147492
Ion Ratio	Lower	Upper	
136	100		
137	11.9	8.5	12.7
54	12.0	9.5	14.3
68	6.7	5.7	8.5



#23
Nitrobenzene-d5
Concen: 92.411 ng
RT: 9.087 min Scan# 1021
Delta R.T. -0.005 min
Lab File: BG057763.D
Acq: 19 Jun 2023 20:23

Tgt Ion:	82	Resp:	265568
Ion Ratio	Lower	Upper	
82	100		
128	39.2	30.7	46.1
54	61.2	49.6	74.4

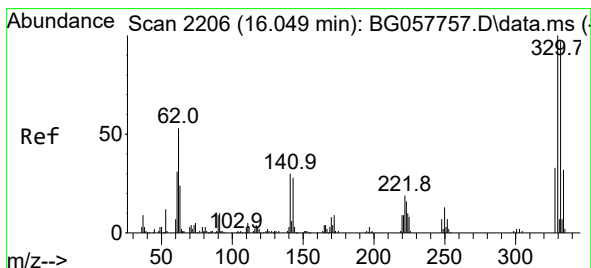
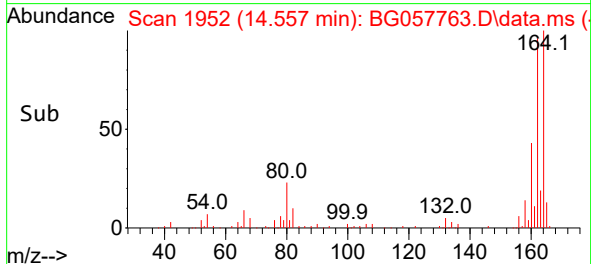
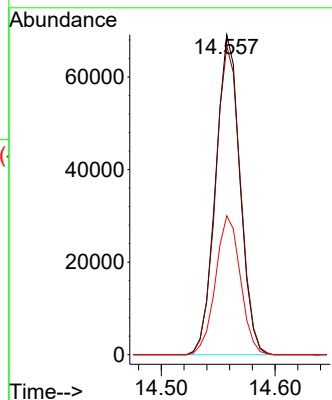
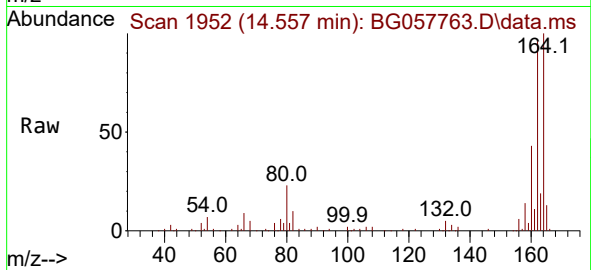




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BG057763.D
Acq: 19 Jun 2023 20:23

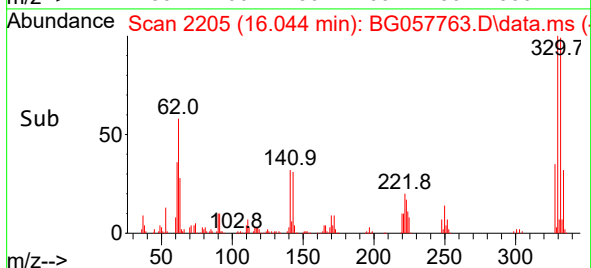
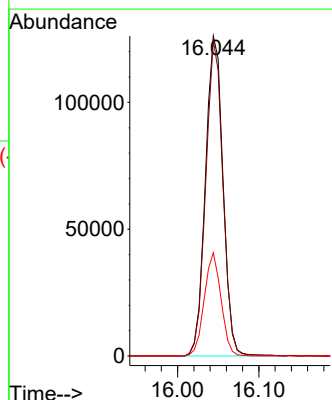
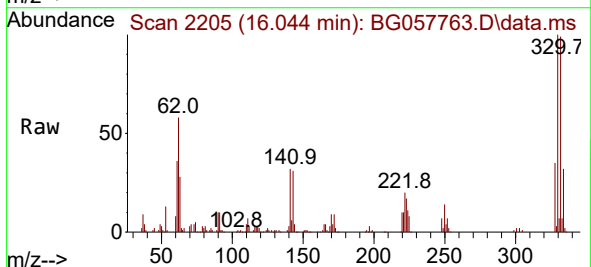
Instrument :
BNA_G
ClientSampleId :
PB153322BL

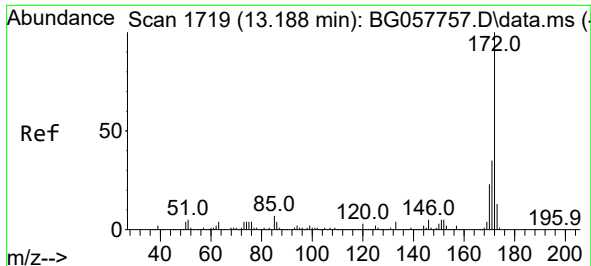
Tgt Ion:164 Resp: 102683
Ion Ratio Lower Upper
164 100
162 96.4 78.3 117.5
160 43.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 132.579 ng
RT: 16.044 min Scan# 2205
Delta R.T. -0.005 min
Lab File: BG057763.D
Acq: 19 Jun 2023 20:23

Tgt Ion:330 Resp: 189636
Ion Ratio Lower Upper
330 100
332 96.1 76.6 115.0
141 30.7 24.7 37.1

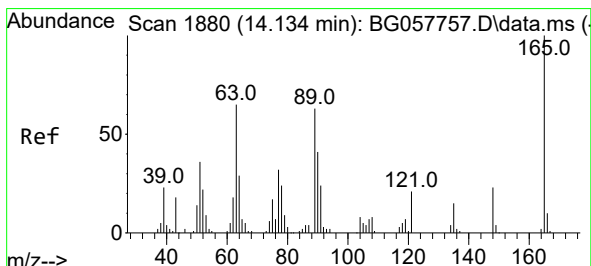
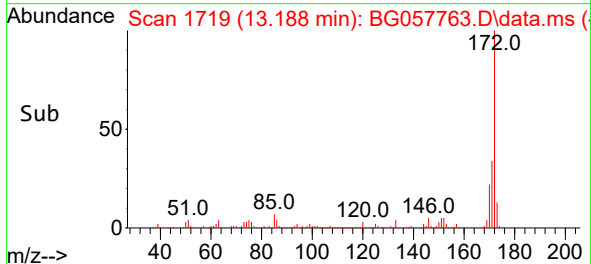
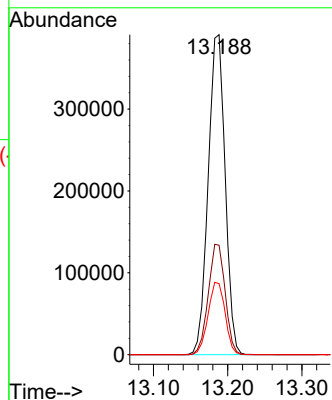
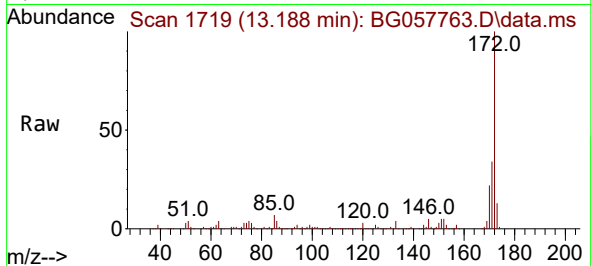




#45
 2-Fluorobiphenyl
 Concen: 91.848 ng
 RT: 13.188 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: BG057763.D
 Acq: 19 Jun 2023 20:23

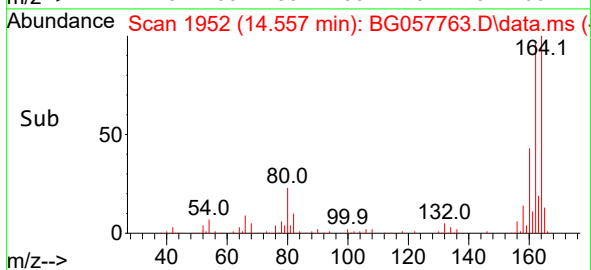
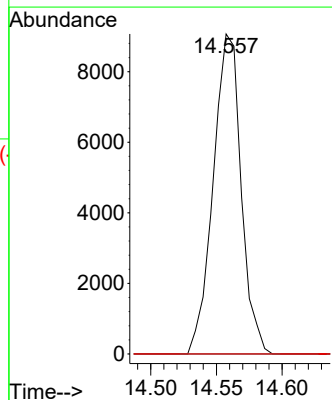
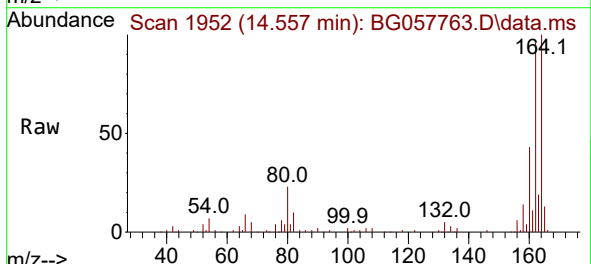
Instrument :
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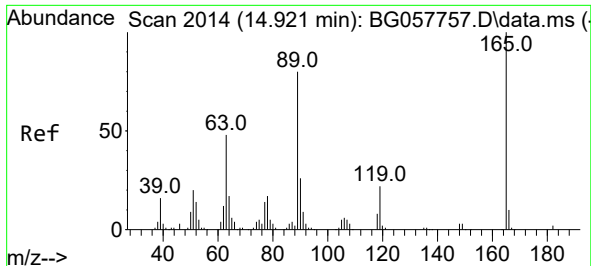
Tgt Ion:172 Resp: 621809
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.1 42.1
 170 22.2 18.6 27.8



#51
 2,6-Dinitrotoluene
 Concen: 9.235 ng
 RT: 14.557 min Scan# 1952
 Delta R.T. 0.423 min
 Lab File: BG057763.D
 Acq: 19 Jun 2023 20:23

Tgt Ion:165 Resp: 13412
 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: 6.810 ng

RT: 14.557 min Scan# 1952

Delta R.T. -0.364 min

Lab File: BG057763.D

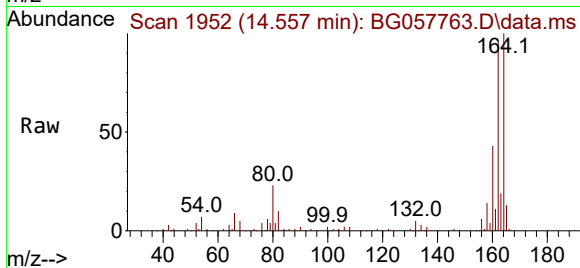
Acq: 19 Jun 2023 20:23

Instrument :

BNA_G

ClientSampleId :

PB153322BL



Tgt Ion:165 Resp: 13412

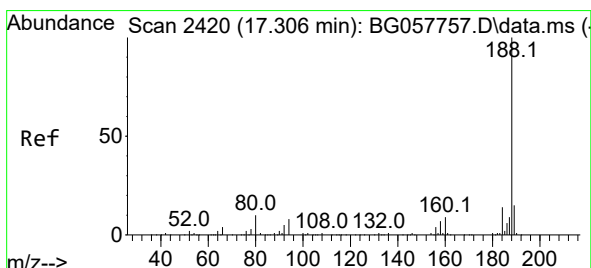
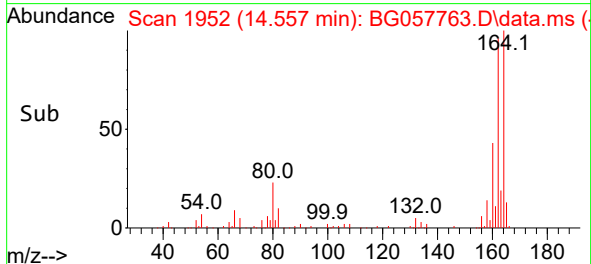
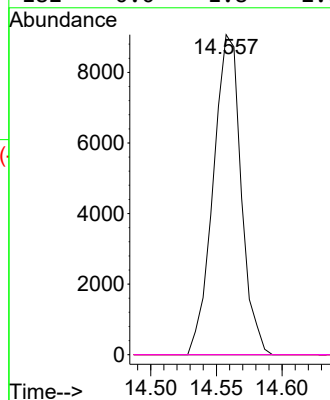
Ion Ratio Lower Upper

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: 17.301 min Scan# 2419

Delta R.T. -0.005 min

Lab File: BG057763.D

Acq: 19 Jun 2023 20:23

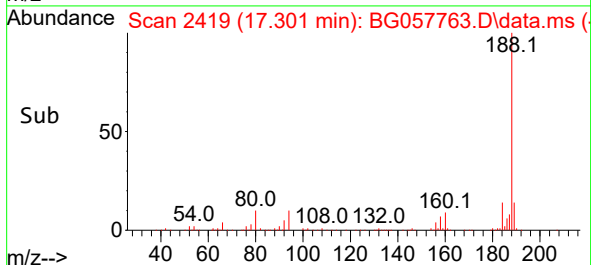
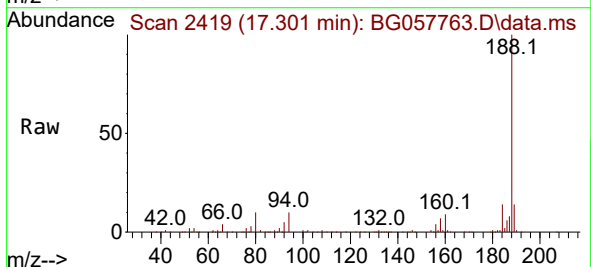
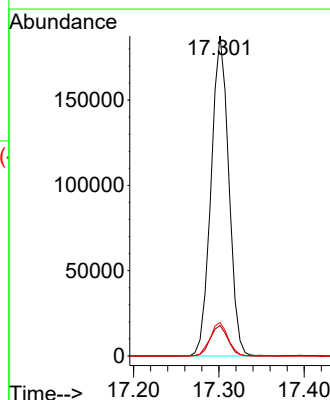
Tgt Ion:188 Resp: 270743

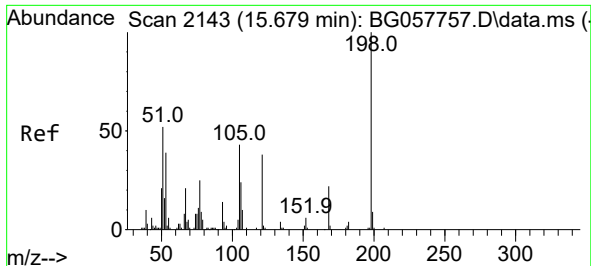
Ion Ratio Lower Upper

188 100

94 9.5 6.6 9.8

80 10.4 7.6 11.4

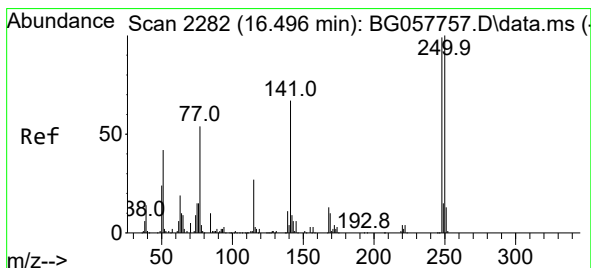
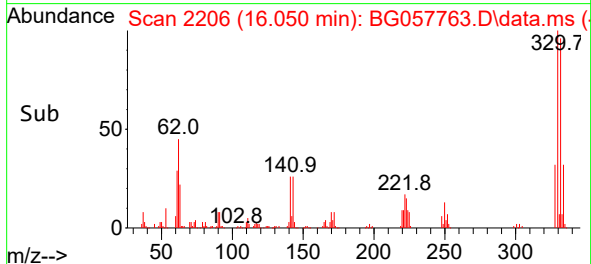
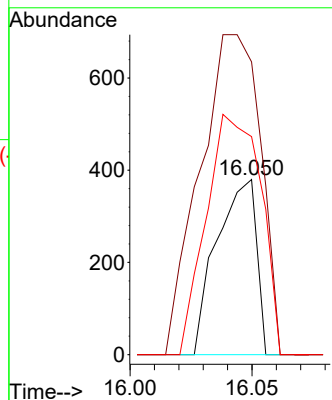
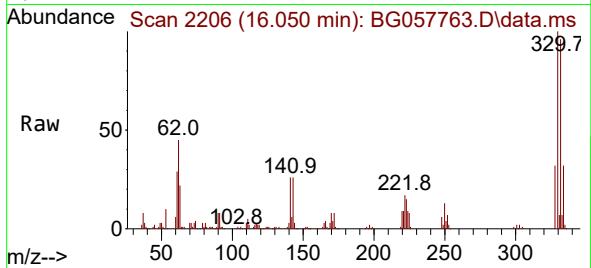




#65
4,6-Dinitro-2-methylphenol
Concen: 5.618 ng
RT: 16.050 min Scan# 2143
Delta R.T. 0.371 min
Lab File: BG057763.D
Acq: 19 Jun 2023 20:23

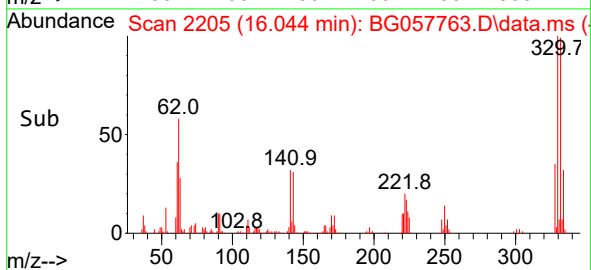
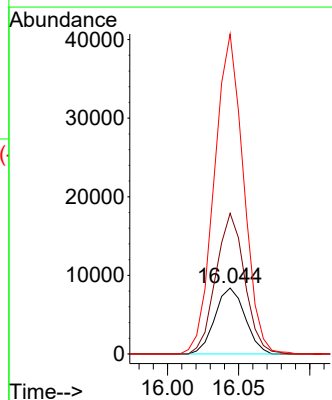
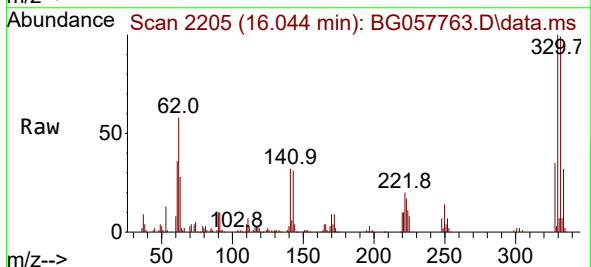
Instrument :
BNA_G
ClientSampleId :
PB153322BL

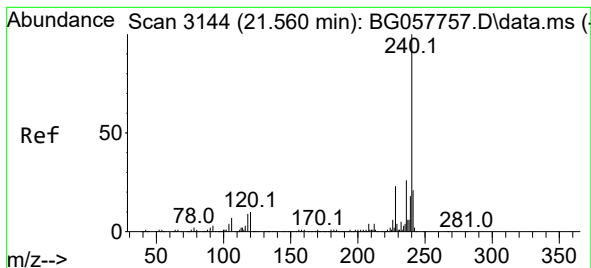
Tgt Ion:198 Resp: 429
Ion Ratio Lower Upper
198 100
51 167.1 36.6 76.6#
105 124.5 24.3 64.3#



#67
4-Bromophenyl-phenylether
Concen: 4.306 ng
RT: 16.044 min Scan# 2205
Delta R.T. -0.452 min
Lab File: BG057763.D
Acq: 19 Jun 2023 20:23

Tgt Ion:248 Resp: 12364
Ion Ratio Lower Upper
248 100
250 213.1 81.1 121.7#
141 484.9 54.6 81.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.549 min Scan# 3142

Delta R.T. -0.011 min

Lab File: BG057763.D

Acq: 19 Jun 2023 20:23

Instrument :

BNA_G

ClientSampleId :

PB153322BL

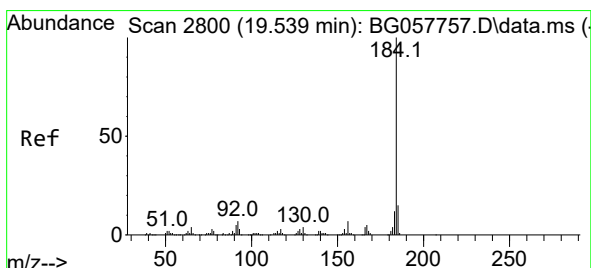
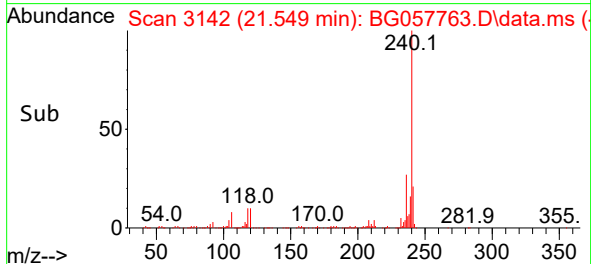
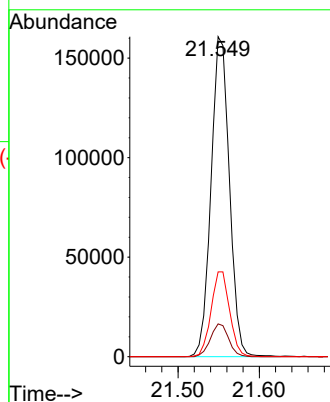
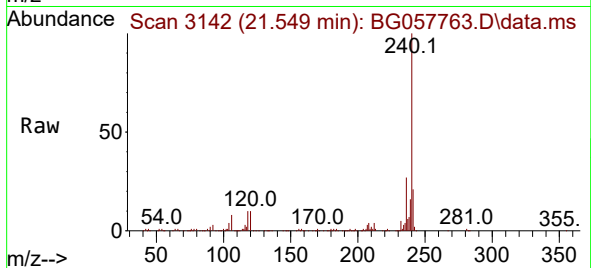
Tgt Ion:240 Resp: 252184

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

236 26.5 20.6 30.8



#77

Benzidine

Concen: 2.981 ng

RT: 19.916 min Scan# 2864

Delta R.T. 0.377 min

Lab File: BG057763.D

Acq: 19 Jun 2023 20:23

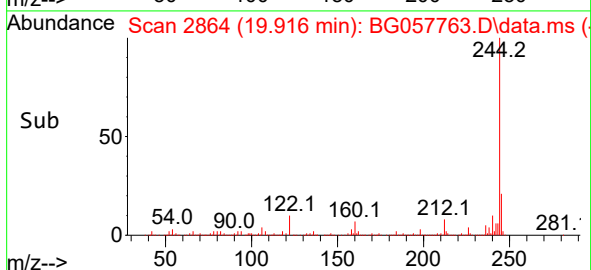
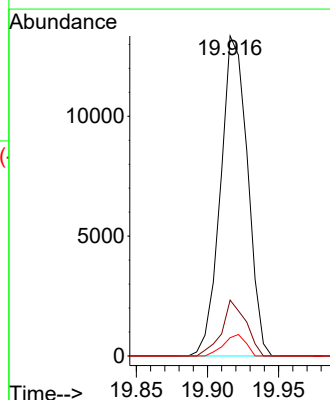
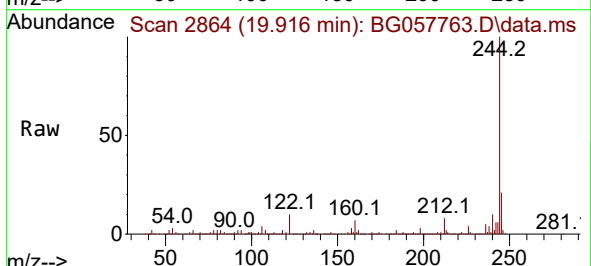
Tgt Ion:184 Resp: 17623

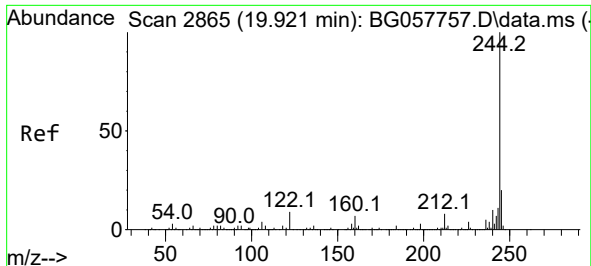
Ion Ratio Lower Upper

184 100

185 17.5 12.0 18.0

183 5.7 9.4 14.0#

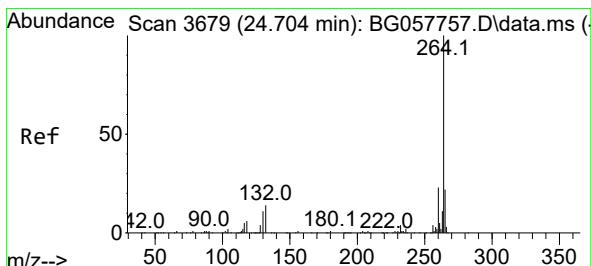
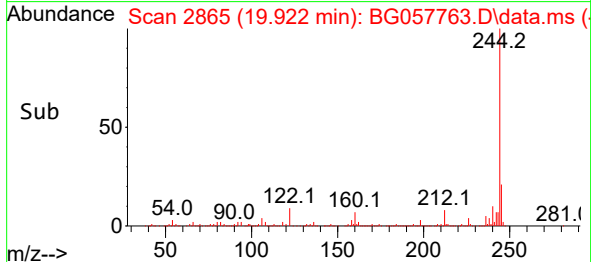
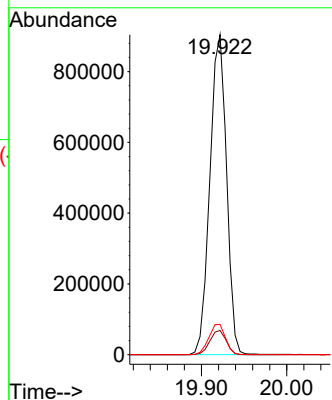
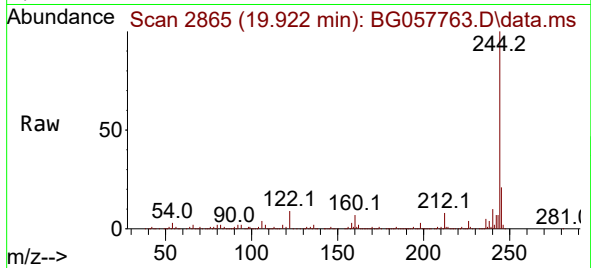




#79
 Terphenyl-d14
 Concen: 90.798 ng
 RT: 19.922 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG057763.D
 Acq: 19 Jun 2023 20:23

Instrument :
 BNA_G
 ClientSampleId :
 PB153322BL

Tgt Ion:244 Resp: 1227982
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 9.5 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.698 min Scan# 3678
 Delta R.T. -0.005 min
 Lab File: BG057763.D
 Acq: 19 Jun 2023 20:23

Tgt Ion:264 Resp: 297277
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 22.5 17.4 26.2

