

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061923\
 Data File : BG057762.D
 Acq On : 19 Jun 2023 19:41
 Operator : CG/JU
 Sample : PB153461BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153461BL

Quant Time: Jun 20 04:02:49 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)

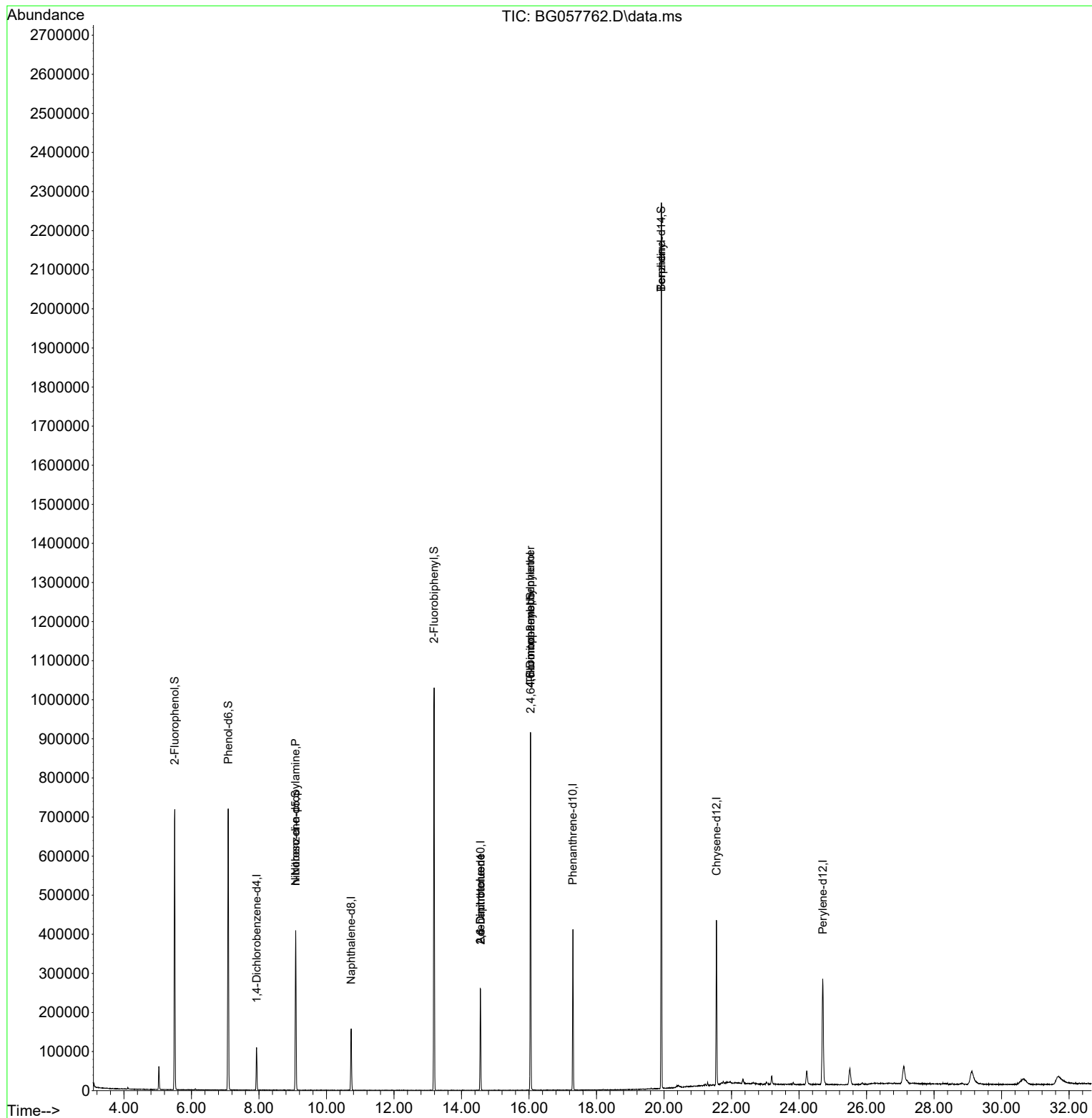
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	29840	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	130801	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	94076	20.000	ng	0.00
64) Phenanthrene-d10	17.300	188	252068	20.000	ng	0.00
76) Chrysene-d12	21.554	240	235622	20.000	ng	0.00
86) Perylene-d12	24.703	264	282725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	288800	149.230	ng	0.00
7) Phenol-d6	7.088	99	407752	138.084	ng	0.00
23) Nitrobenzene-d5	9.086	82	232596	91.266	ng	0.00
42) 2,4,6-Tribromophenol	16.048	330	176815	134.925	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	548322	88.403	ng	0.00
79) Terphenyl-d14	19.920	244	1135901	89.893	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.086	70	28889	14.033	ng	# 78
51) 2,6-Dinitrotoluene	14.562	165	11498	8.641	ng	# 19
57) 2,4-Dinitrotoluene	14.562	165	11498	6.372	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.042	198	317	5.555	ng	# 71
67) 4-Bromophenyl-phenylether	16.042	248	11888	4.447	ng	# 1
77) Benzidine	19.920	184	15985	2.894	ng	# 93

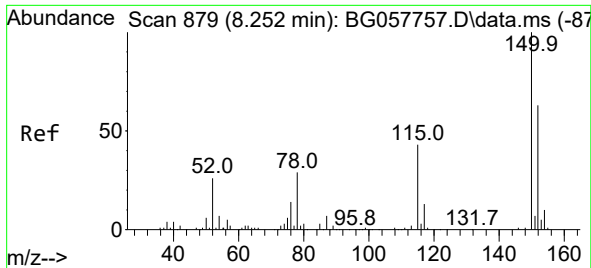
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061923\
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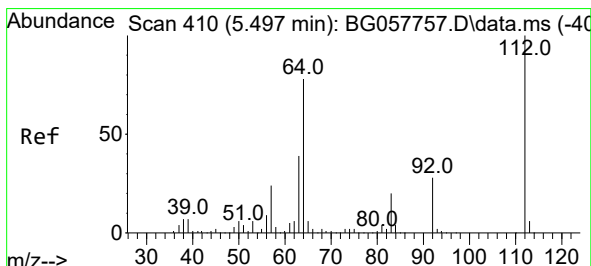
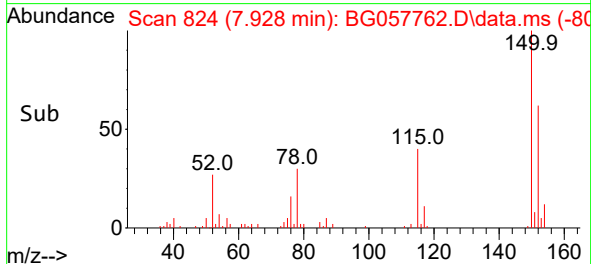
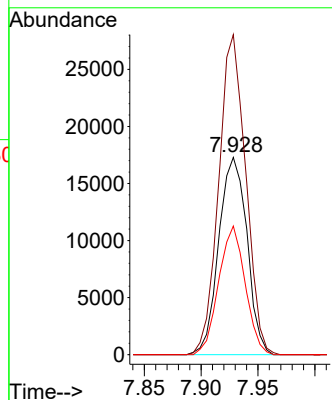
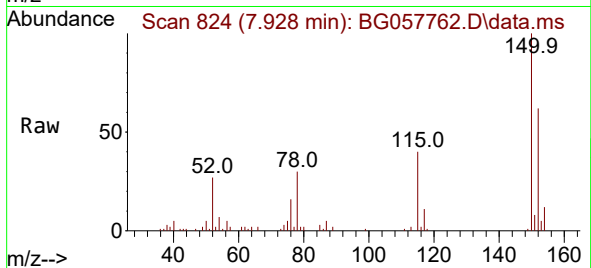




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057762.D
Acq: 19 Jun 2023 19:41

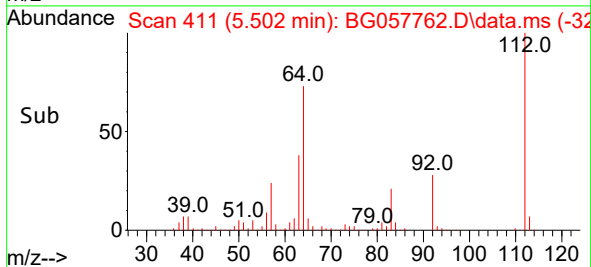
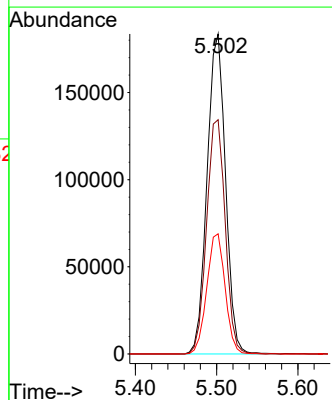
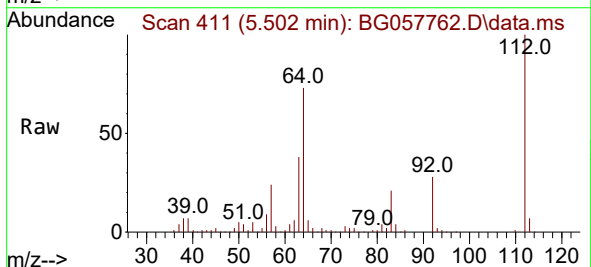
Instrument :
BNA_G
ClientSampleId :
PB153461BL

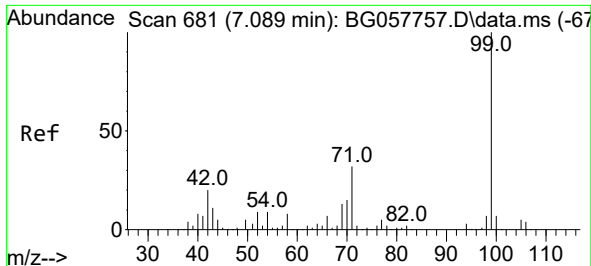
Tgt Ion:152 Resp: 29840
Ion Ratio Lower Upper
152 100
150 162.2 126.6 189.8
115 65.2 48.9 73.3



#5
2-Fluorophenol
Concen: 149.230 ng
RT: 5.502 min Scan# 411
Delta R.T. 0.005 min
Lab File: BG057762.D
Acq: 19 Jun 2023 19:41

Tgt Ion:112 Resp: 288800
Ion Ratio Lower Upper
112 100
64 73.2 62.1 93.1
63 37.6 31.5 47.3

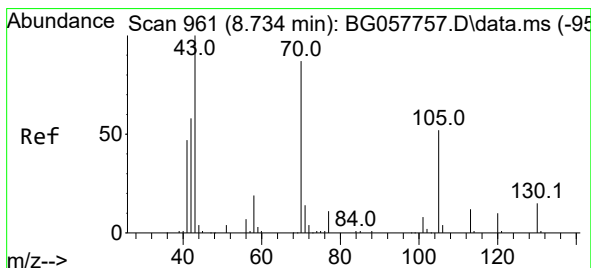
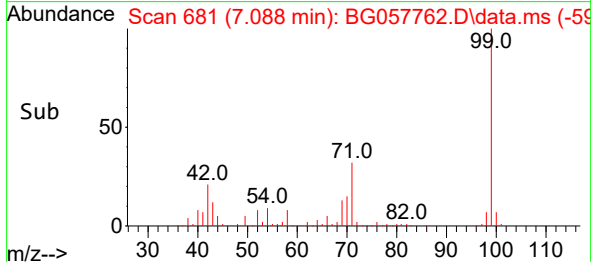
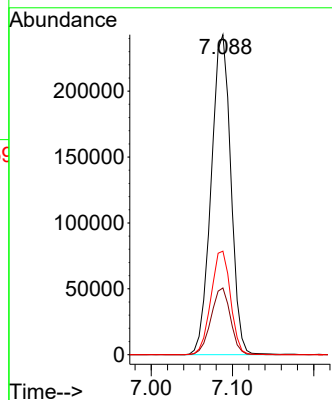
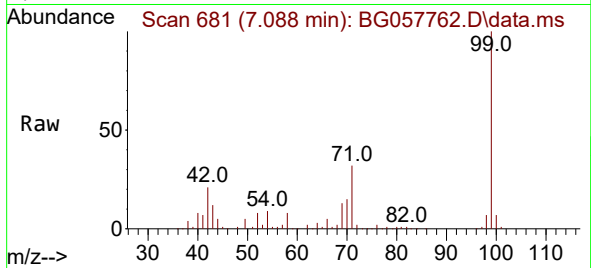




#7
Phenol-d6
Concen: 138.084 ng
RT: 7.088 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057762.D
Acq: 19 Jun 2023 19:41

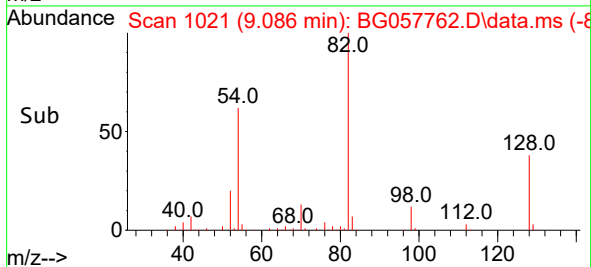
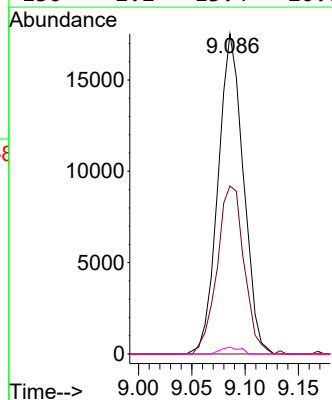
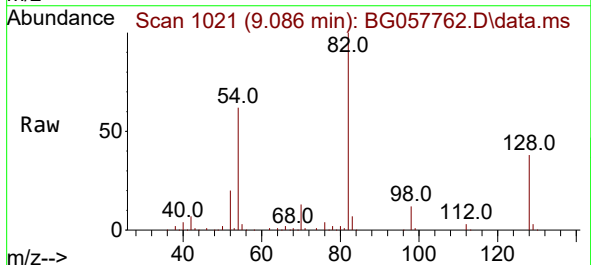
Instrument :
BNA_G
ClientSampleId :
PB153461BL

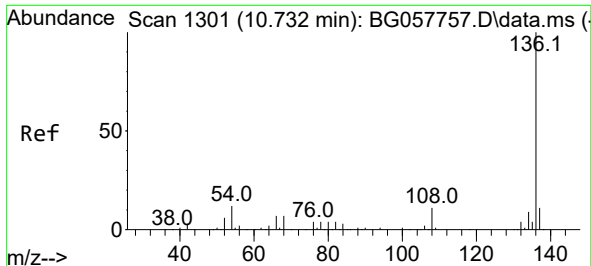
Tgt Ion: 99 Resp: 407752
Ion Ratio Lower Upper
99 100
42 20.9 16.4 24.6
71 32.4 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.033 ng
RT: 9.086 min Scan# 1021
Delta R.T. 0.352 min
Lab File: BG057762.D
Acq: 19 Jun 2023 19:41

Tgt Ion: 70 Resp: 28889
Ion Ratio Lower Upper
70 100
42 52.5 54.2 81.2#
101 0.0 7.4 11.0#
130 2.2 13.4 20.0#

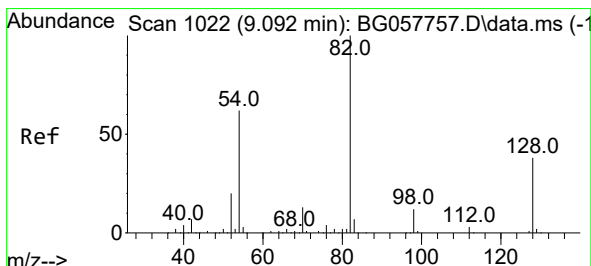
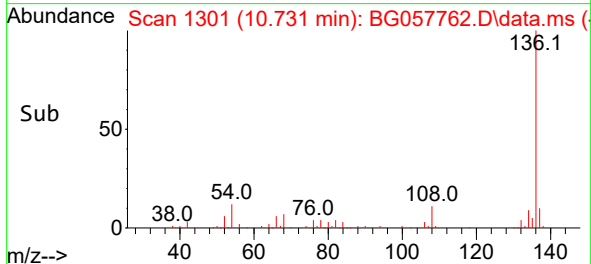
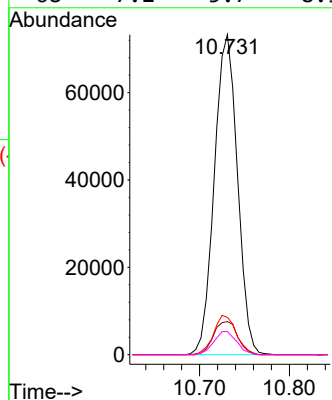
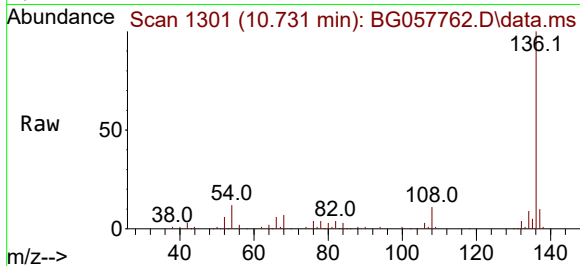




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057762.D
Acq: 19 Jun 2023 19:41

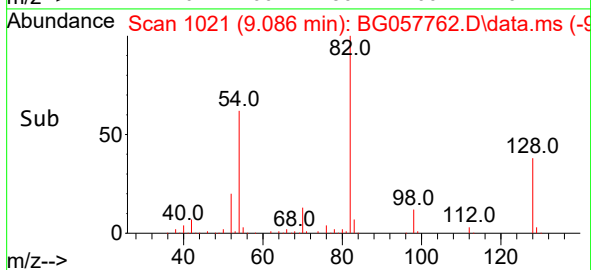
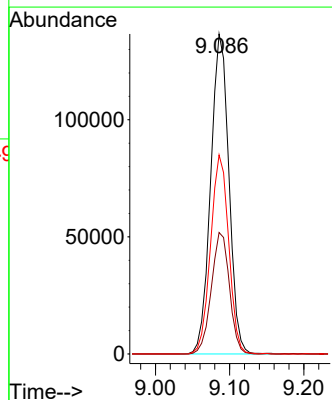
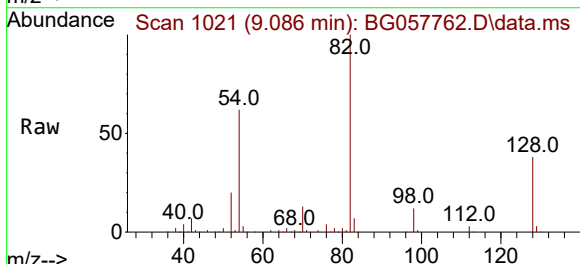
Instrument :
BNA_G
ClientSampleId :
PB153461BL

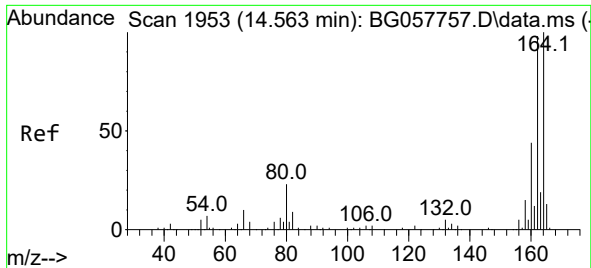
Tgt Ion:	136	Resp:	130801
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	11.7	9.5	14.3
68	7.2	5.7	8.5



#23
Nitrobenzene-d5
Concen: 91.266 ng
RT: 9.086 min Scan# 1021
Delta R.T. -0.007 min
Lab File: BG057762.D
Acq: 19 Jun 2023 19:41

Tgt Ion:	82	Resp:	232596
Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.7	46.1
54	62.2	49.6	74.4

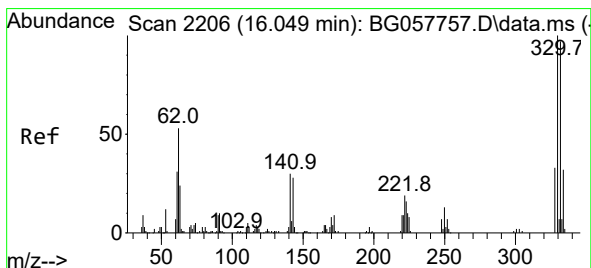
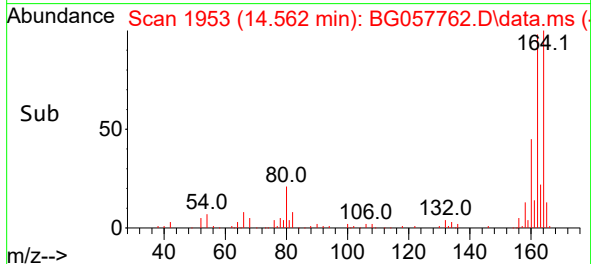
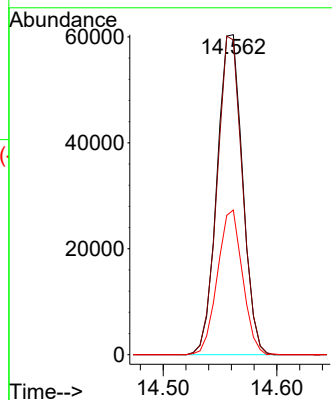
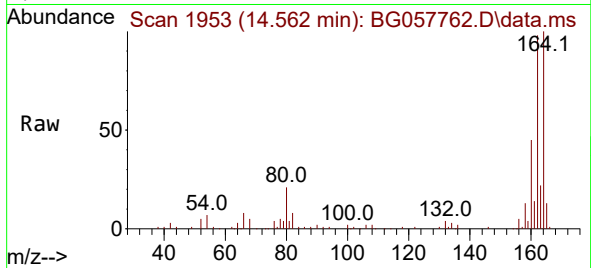




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.001 min
Lab File: BG057762.D
Acq: 19 Jun 2023 19:41

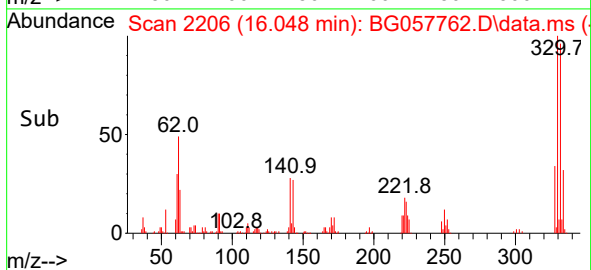
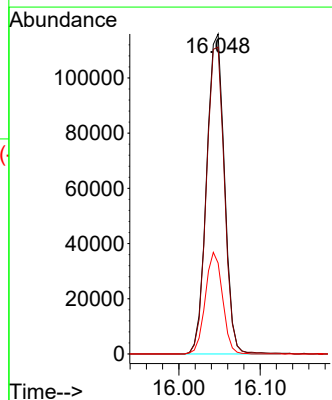
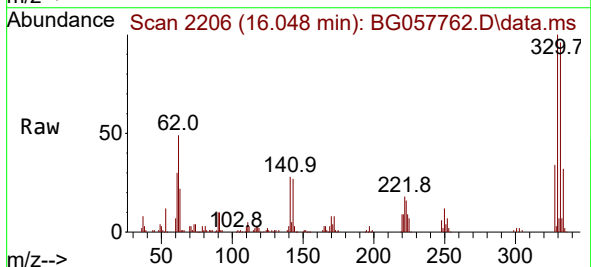
Instrument :
BNA_G
ClientSampleId :
PB153461BL

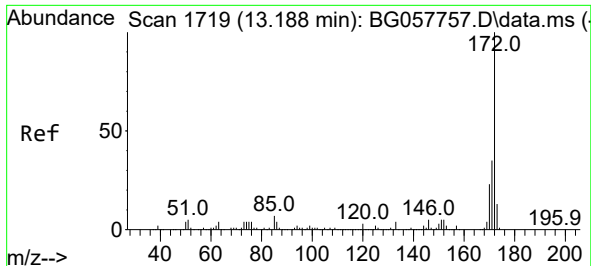
Tgt Ion:164 Resp: 94076
Ion Ratio Lower Upper
164 100
162 98.3 78.3 117.5
160 45.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 134.925 ng
RT: 16.048 min Scan# 2206
Delta R.T. -0.001 min
Lab File: BG057762.D
Acq: 19 Jun 2023 19:41

Tgt Ion:330 Resp: 176815
Ion Ratio Lower Upper
330 100
332 96.7 76.6 115.0
141 30.6 24.7 37.1

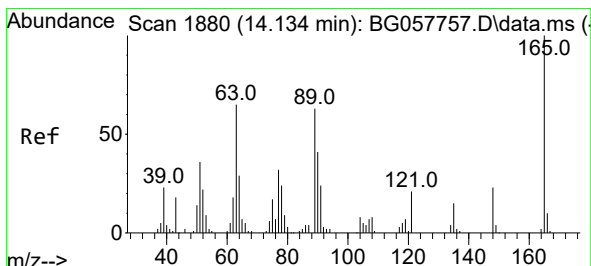
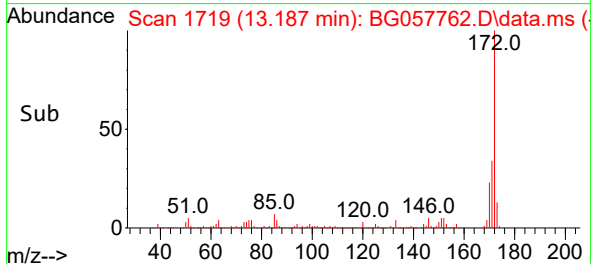
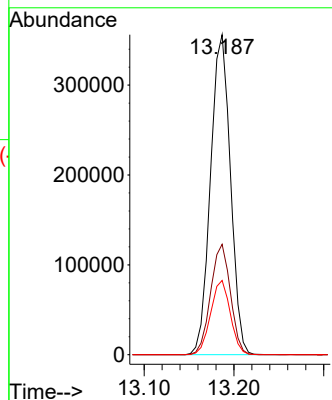
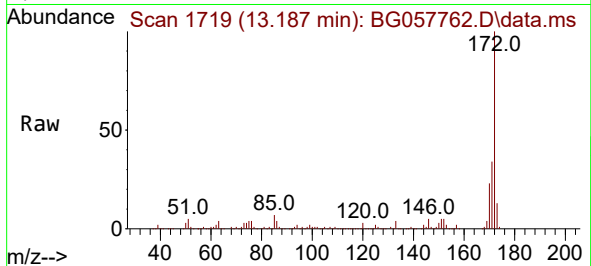




#45
2-Fluorobiphenyl
Concen: 88.403 ng
RT: 13.187 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057762.D
Acq: 19 Jun 2023 19:41

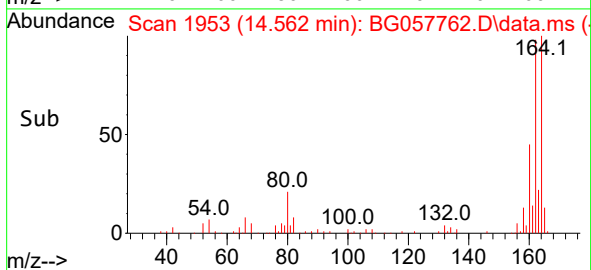
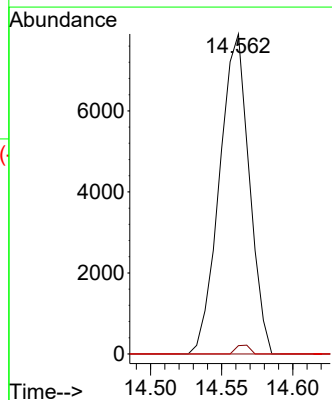
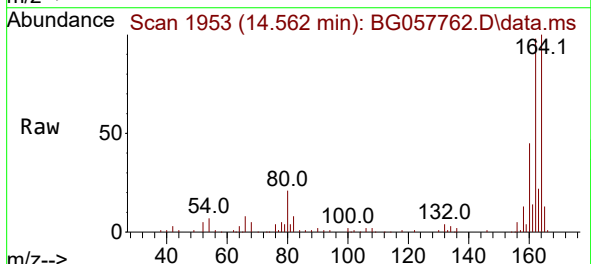
Instrument :
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ClientSampleId :
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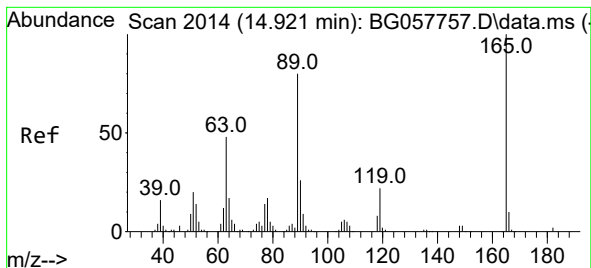
Tgt Ion:172 Resp: 548322
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.641 ng
RT: 14.562 min Scan# 1953
Delta R.T. 0.428 min
Lab File: BG057762.D
Acq: 19 Jun 2023 19:41

Tgt Ion:165 Resp: 11498
Ion Ratio Lower Upper
165 100
63 2.6 52.8 79.2#
89 0.0 50.7 76.1#

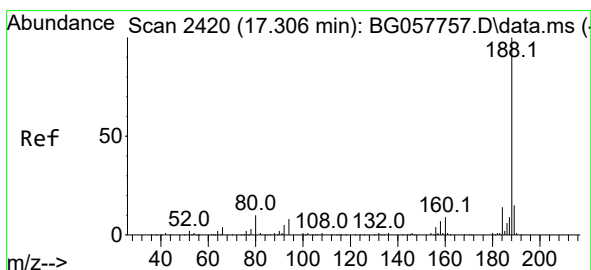
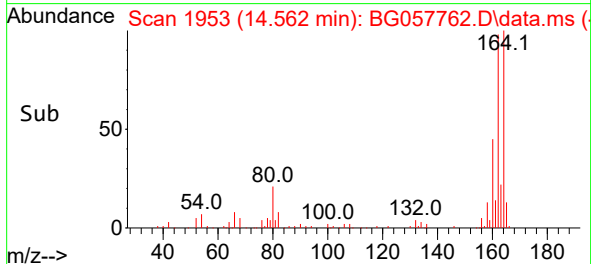
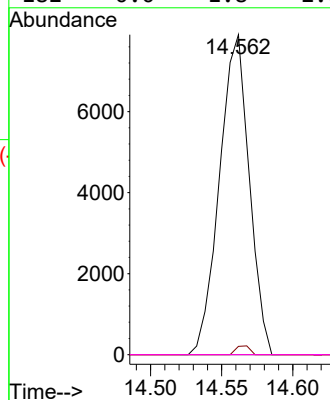
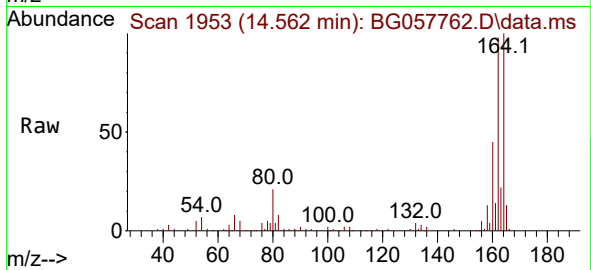




#57
2,4-Dinitrotoluene
Concen: 6.372 ng
RT: 14.562 min Scan# 1419
Delta R.T. -0.359 min
Lab File: BG057762.D
Acq: 19 Jun 2023 19:41

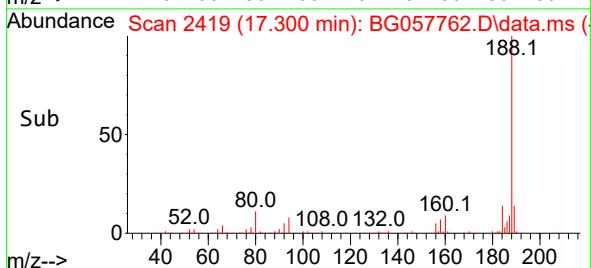
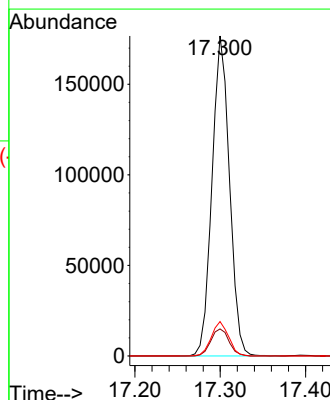
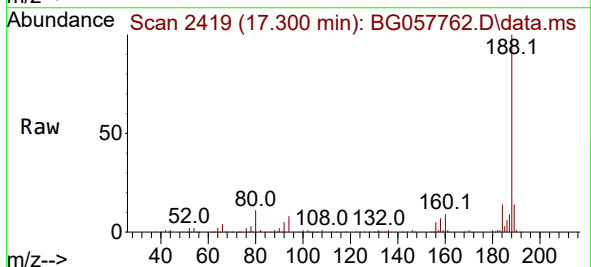
Instrument :
BNA_G
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PB153461BL

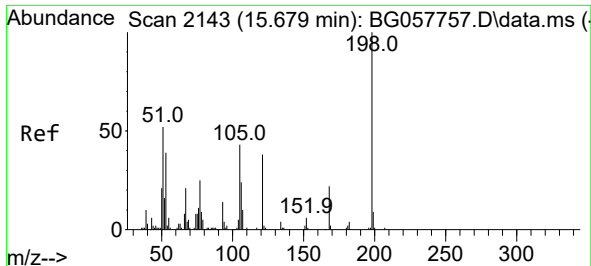
Tgt Ion:165 Resp: 11498
Ion Ratio Lower Upper
165 100
63 2.6 38.6 58.0#
89 0.0 63.7 95.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.300 min Scan# 2419
Delta R.T. -0.007 min
Lab File: BG057762.D
Acq: 19 Jun 2023 19:41

Tgt Ion:188 Resp: 252068
Ion Ratio Lower Upper
188 100
94 8.4 6.6 9.8
80 10.7 7.6 11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 5.555 ng

RT: 16.042 min Scan# 21

Delta R.T. 0.363 min

Lab File: BG057762.D

Acq: 19 Jun 2023 19:41

Instrument :

BNA_G

ClientSampleId :

PB153461BL

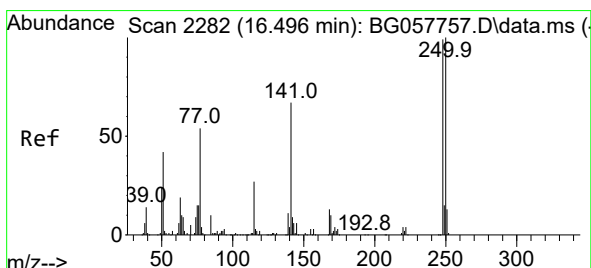
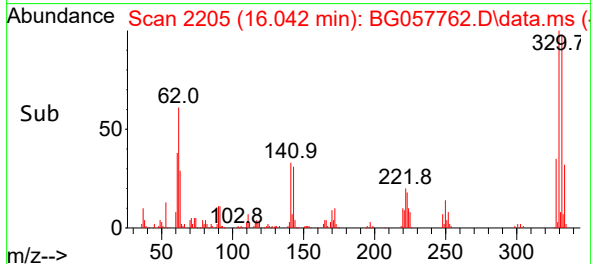
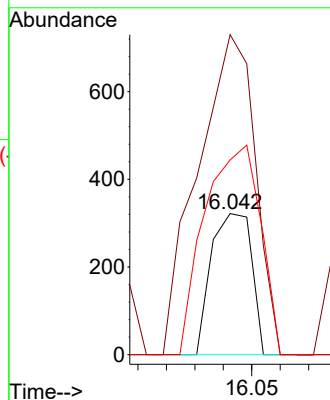
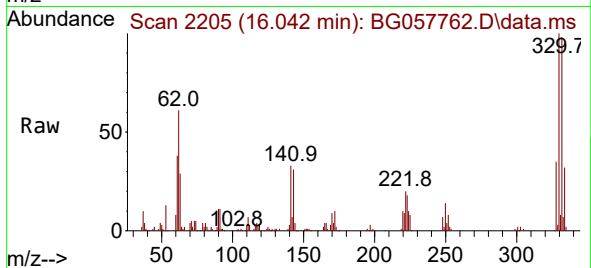
Tgt Ion:198 Resp: 317

Ion Ratio Lower Upper

198 100

51 37.8 36.6 76.6

105 23.0 24.3 64.3#



#67

4-Bromophenyl-phenylether

Concen: 4.447 ng

RT: 16.042 min Scan# 2205

Delta R.T. -0.453 min

Lab File: BG057762.D

Acq: 19 Jun 2023 19:41

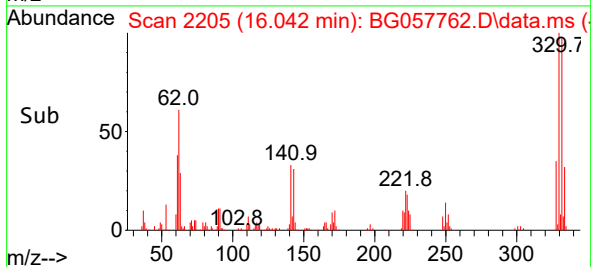
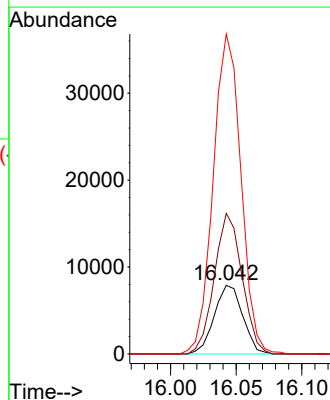
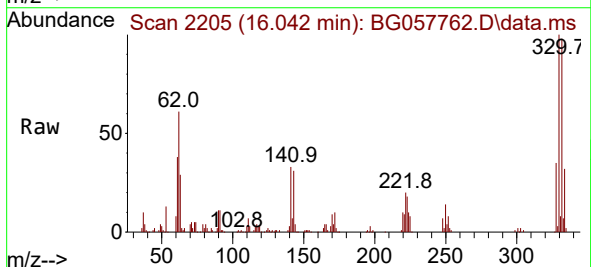
Tgt Ion:248 Resp: 11888

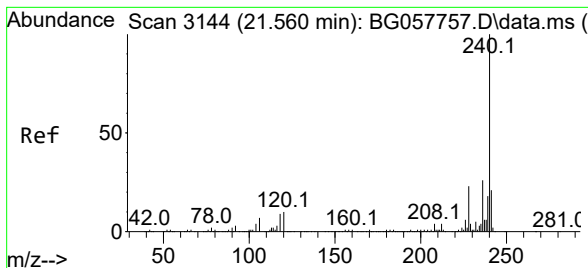
Ion Ratio Lower Upper

248 100

250 204.7 81.1 121.7#

141 465.9 54.6 81.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.554 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG057762.D

Acq: 19 Jun 2023 19:41

Instrument :

BNA_G

ClientSampleId :

PB153461BL

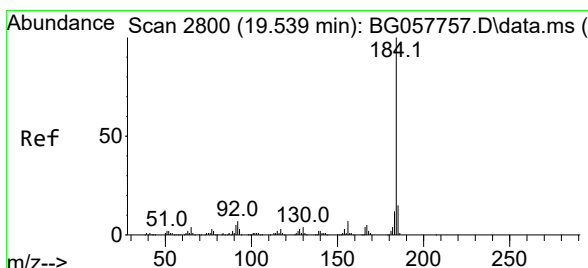
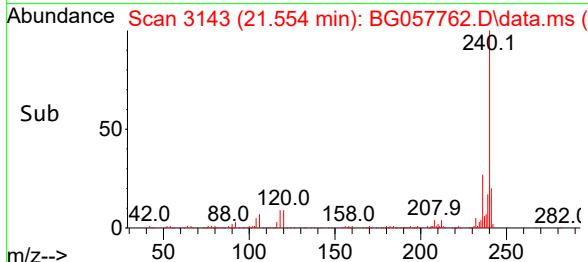
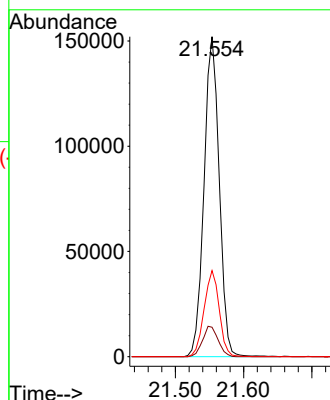
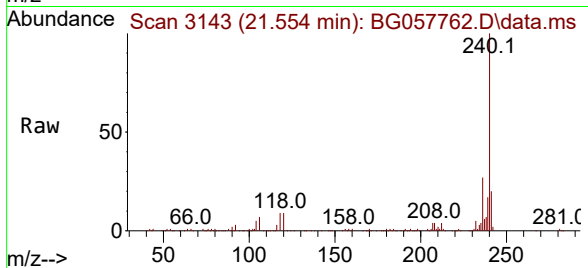
Tgt Ion:240 Resp: 235622

Ion Ratio Lower Upper

240 100

120 9.2 8.1 12.1

236 26.9 20.6 30.8



#77

Benzidine

Concen: 2.894 ng

RT: 19.920 min Scan# 2865

Delta R.T. 0.381 min

Lab File: BG057762.D

Acq: 19 Jun 2023 19:41

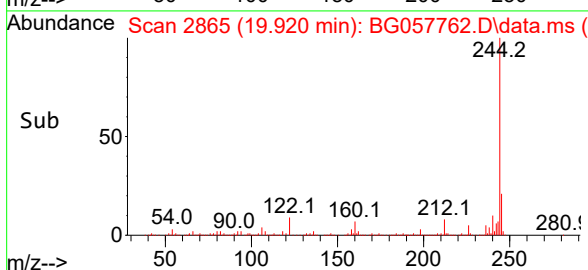
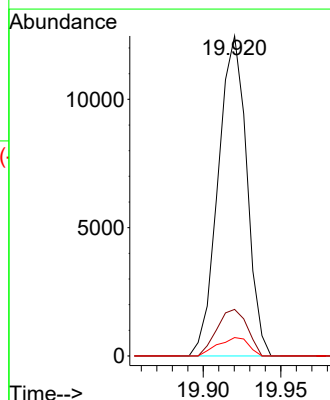
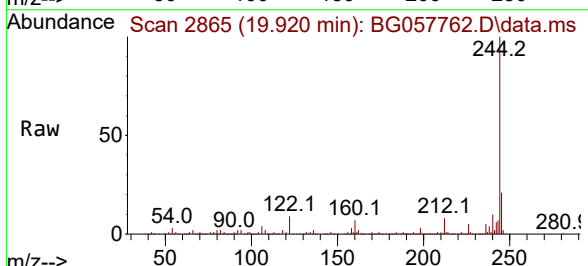
Tgt Ion:184 Resp: 15985

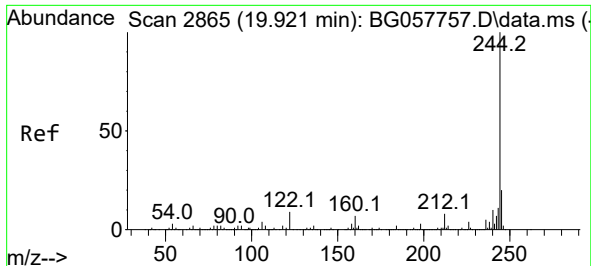
Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

183 5.7 9.4 14.0#

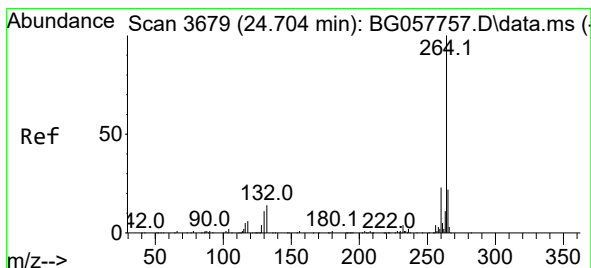
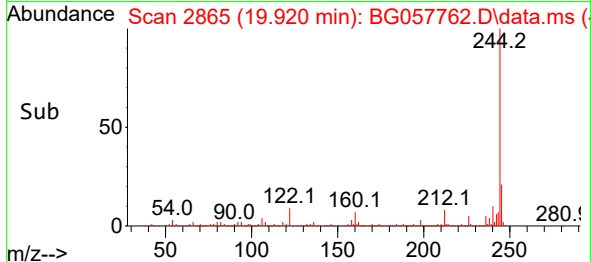
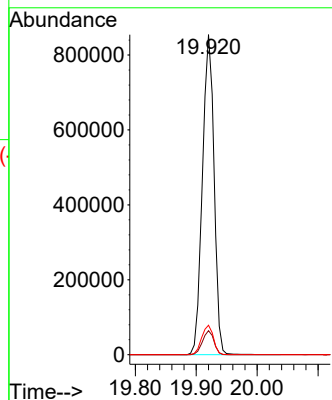
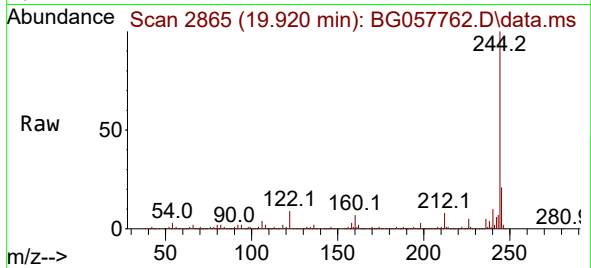




#79
 Terphenyl-d14
 Concen: 89.893 ng
 RT: 19.920 min Scan# 2865
 Delta R.T. -0.001 min
 Lab File: BG057762.D
 Acq: 19 Jun 2023 19:41

Instrument :
 BNA_G
 ClientSampleId :
 PB153461BL

Tgt Ion:244 Resp: 1135901
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 9.2 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.703 min Scan# 3679
 Delta R.T. -0.001 min
 Lab File: BG057762.D
 Acq: 19 Jun 2023 19:41

Tgt Ion:264 Resp: 282725
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.5 27.7
 265 21.9 17.4 26.2

