

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057834.D
 Acq On : 23 Jun 2023 9:13
 Operator : CG/JU
 Sample : PB153685BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153685BL

Quant Time: Jun 23 12:12:11 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)

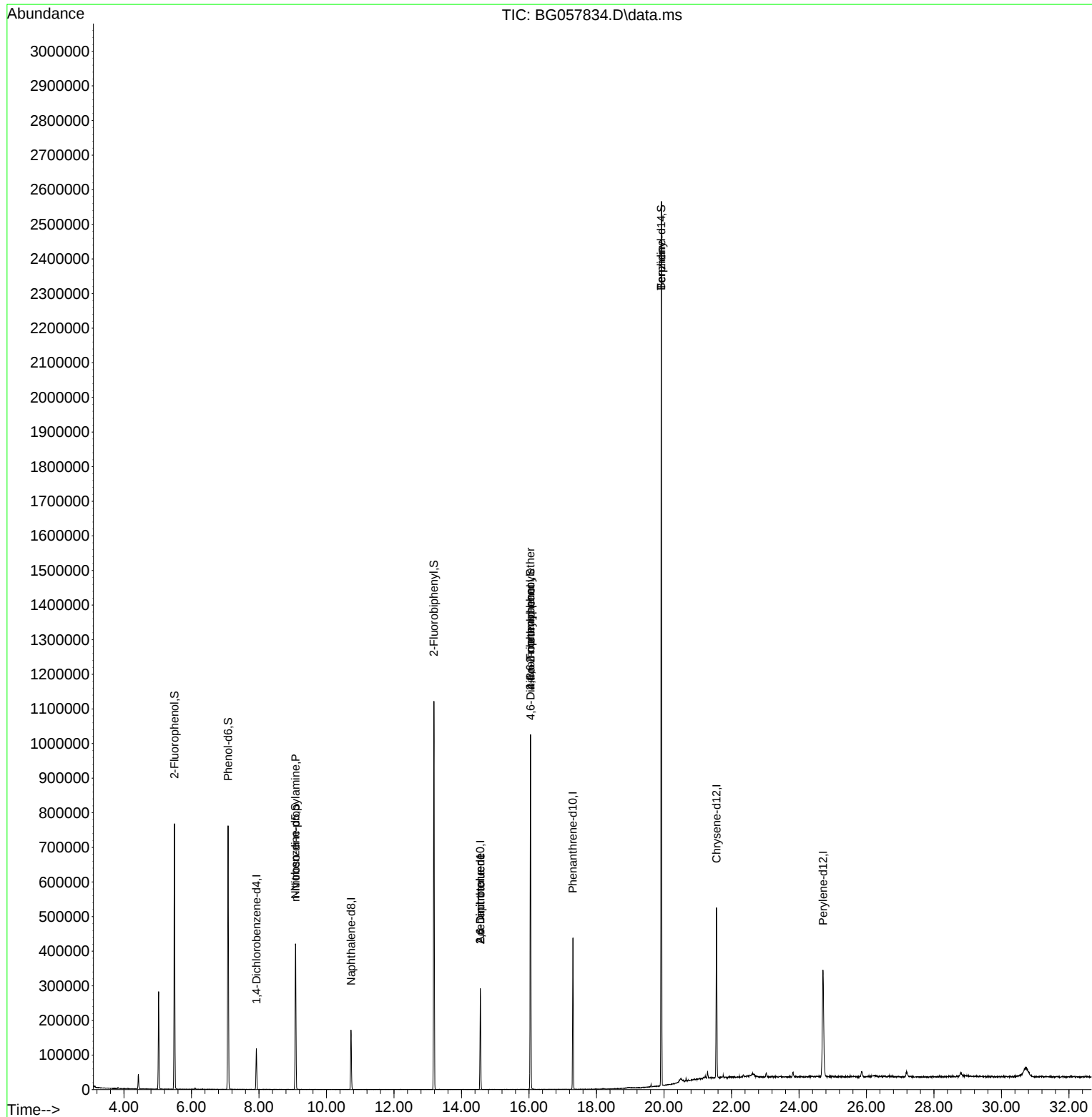
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	31843	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	143688	20.000	ng	0.00
39) Acenaphthene-d10	14.558	164	103335	20.000	ng	0.00
64) Phenanthrene-d10	17.302	188	277811	20.000	ng	0.00
76) Chrysene-d12	21.556	240	274927	20.000	ng	0.00
86) Perylene-d12	24.711	264	328004	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	322249	156.040	ng	0.00
7) Phenol-d6	7.084	99	447612	142.048	ng	0.00
23) Nitrobenzene-d5	9.082	82	256375	91.574	ng	-0.01
42) 2,4,6-Tribromophenol	16.044	330	215909	149.994	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	598594	87.861	ng	0.00
79) Terphenyl-d14	19.922	244	1302873	88.366	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.088	70	32948	14.998	ng	# 71
51) 2,6-Dinitrotoluene	14.558	165	13488	9.229	ng	# 19
57) 2,4-Dinitrotoluene	14.558	165	13488	6.805	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.050	198	537	5.686	ng	# 1
67) 4-Bromophenyl-phenylether	16.044	248	13866	4.706	ng	# 1
77) Benzidine	19.922	184	17617	2.734	ng	# 92

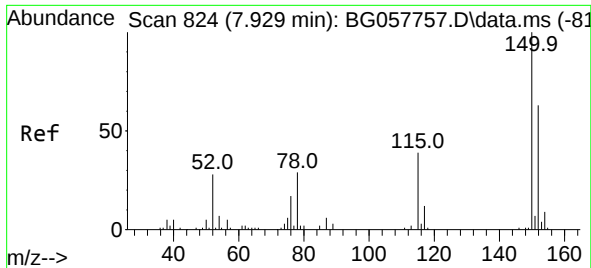
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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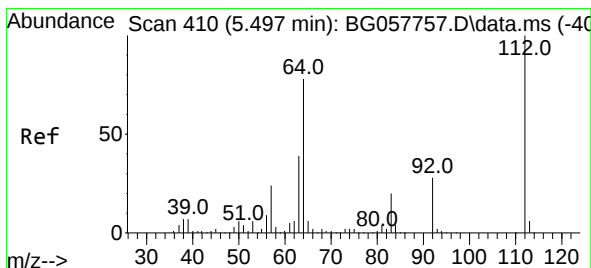
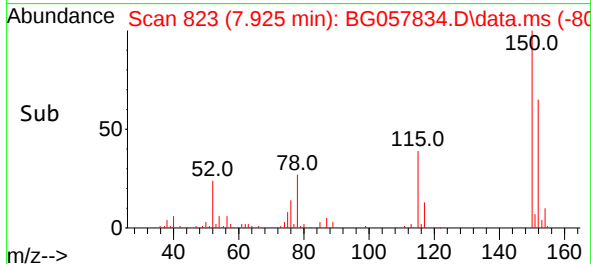
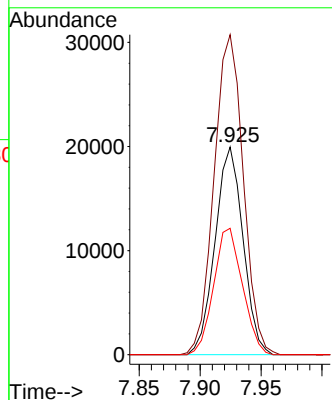
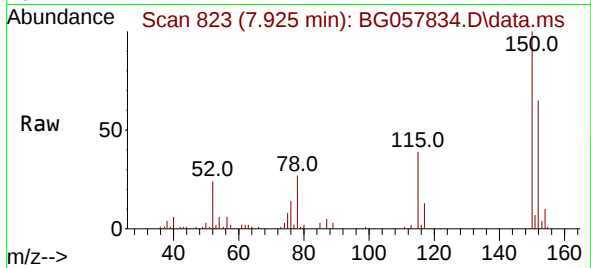




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057834.D
Acq: 23 Jun 2023 9:13

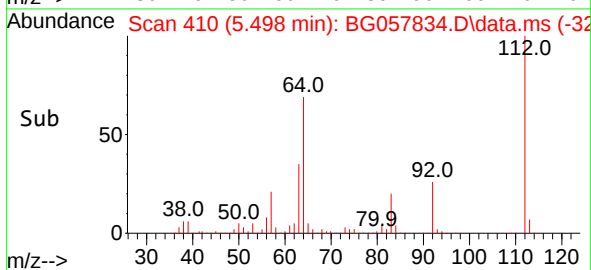
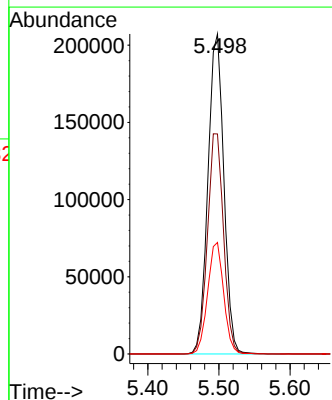
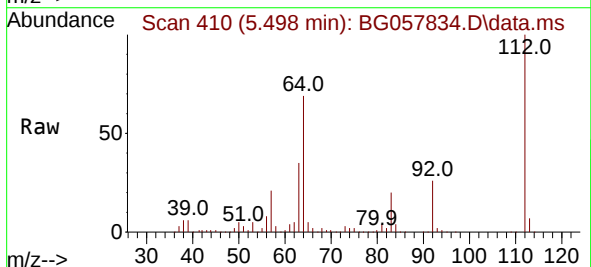
Instrument :
BNA_G
ClientSampleId :
PB153685BL

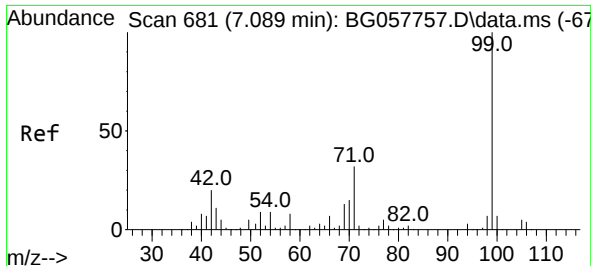
Tgt Ion:152 Resp: 31843
Ion Ratio Lower Upper
152 100
150 154.1 126.6 189.8
115 60.8 48.9 73.3



#5
2-Fluorophenol
Concen: 156.040 ng
RT: 5.498 min Scan# 410
Delta R.T. 0.001 min
Lab File: BG057834.D
Acq: 23 Jun 2023 9:13

Tgt Ion:112 Resp: 322249
Ion Ratio Lower Upper
112 100
64 68.8 62.1 93.1
63 34.8 31.5 47.3

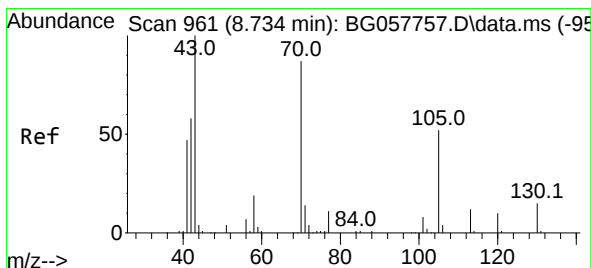
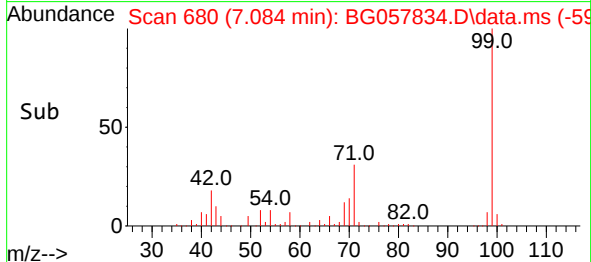
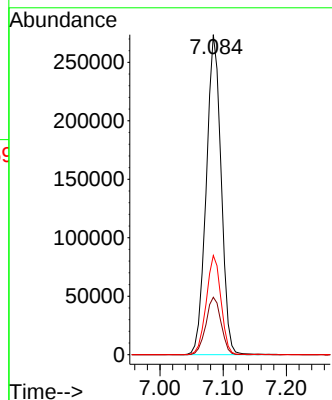
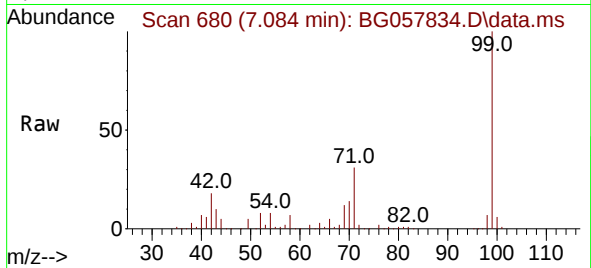




#7
Phenol-d6
Concen: 142.048 ng
RT: 7.084 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057834.D
Acq: 23 Jun 2023 9:13

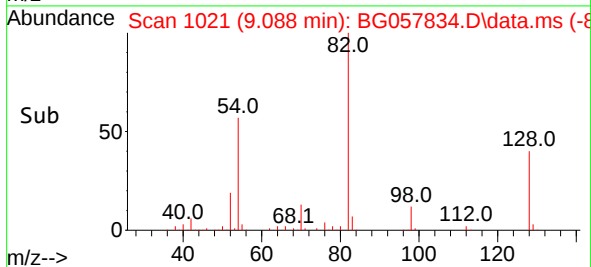
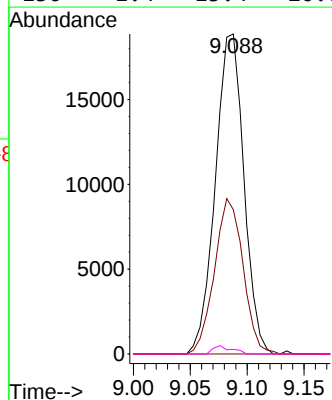
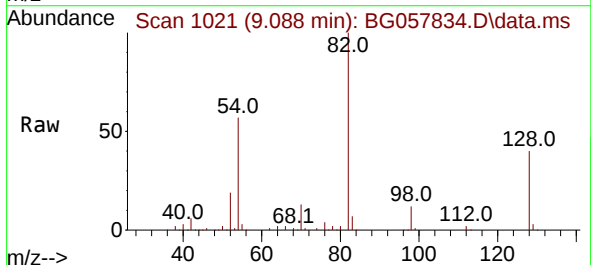
Instrument :
BNA_G
ClientSampleId :
PB153685BL

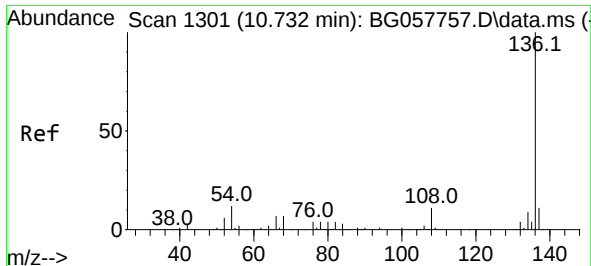
Tgt Ion: 99 Resp: 447612
Ion Ratio Lower Upper
99 100
42 17.9 16.4 24.6
71 31.0 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.998 ng
RT: 9.088 min Scan# 1021
Delta R.T. 0.354 min
Lab File: BG057834.D
Acq: 23 Jun 2023 9:13

Tgt Ion: 70 Resp: 32948
Ion Ratio Lower Upper
70 100
42 45.1 54.2 81.2#
101 0.0 7.4 11.0#
130 1.4 13.4 20.0#

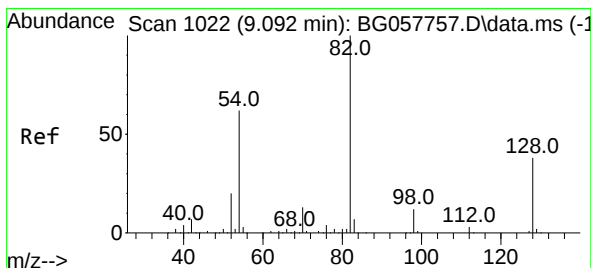
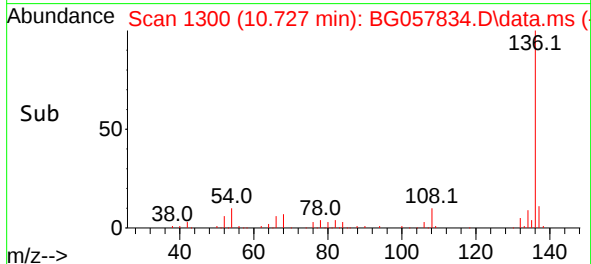
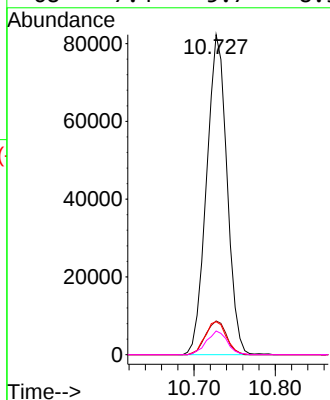
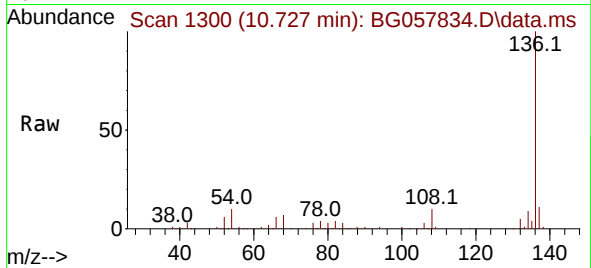




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057834.D
Acq: 23 Jun 2023 9:13

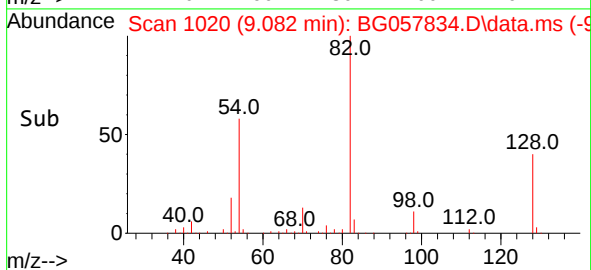
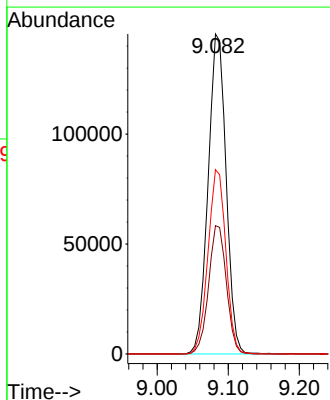
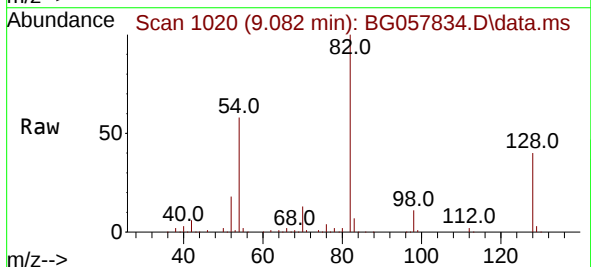
Instrument :
BNA_G
ClientSampleId :
PB153685BL

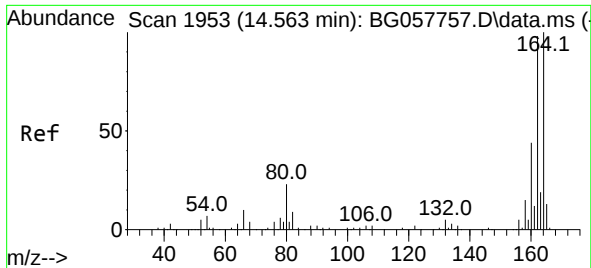
Tgt Ion:	136	Resp:	143688
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	10.3	9.5	14.3
68	7.4	5.7	8.5



#23
Nitrobenzene-d5
Concen: 91.574 ng
RT: 9.082 min Scan# 1020
Delta R.T. -0.010 min
Lab File: BG057834.D
Acq: 23 Jun 2023 9:13

Tgt Ion:	82	Resp:	256375
Ion Ratio	Lower	Upper	
82	100		
128	40.1	30.7	46.1
54	57.6	49.6	74.4

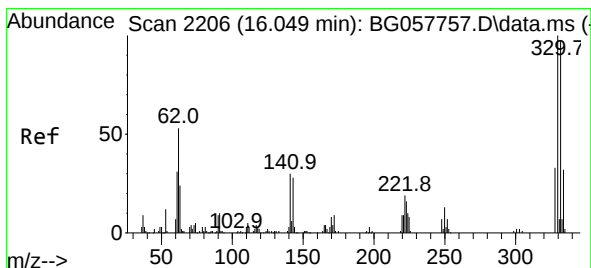
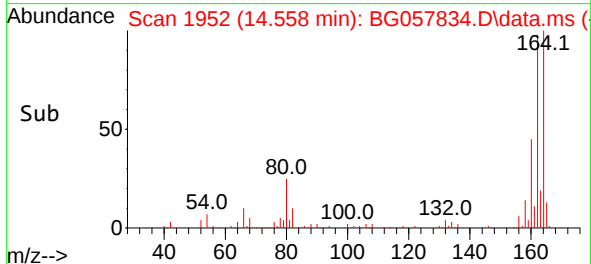
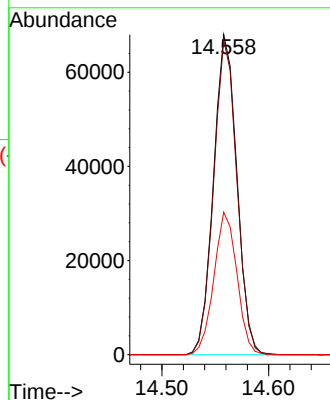
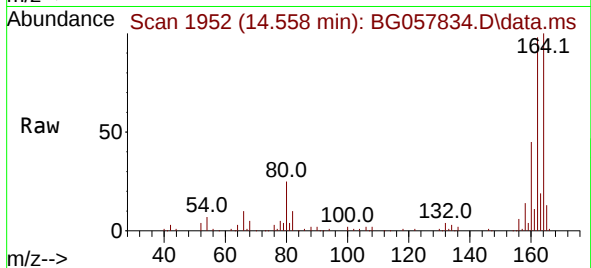




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.558 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BG057834.D
Acq: 23 Jun 2023 9:13

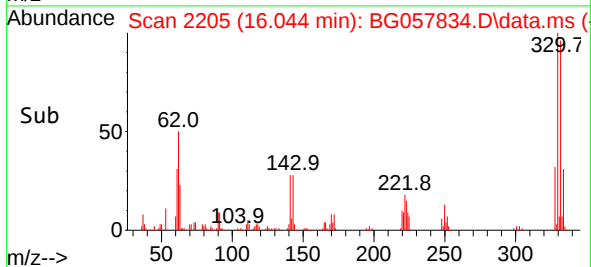
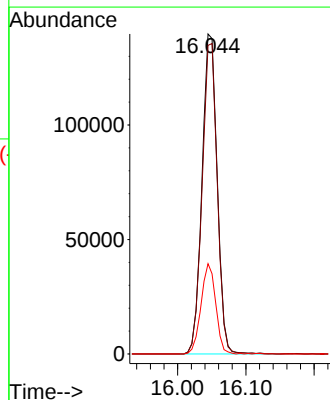
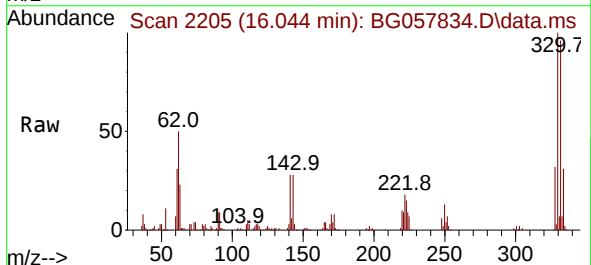
Instrument :
BNA_G
ClientSampleId :
PB153685BL

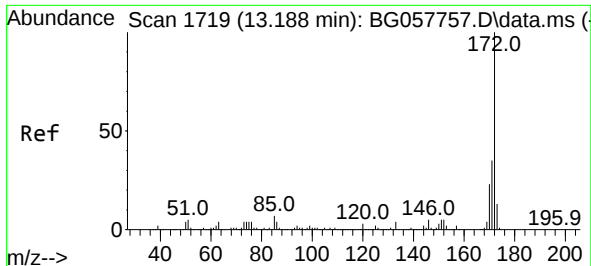
Tgt Ion:164 Resp: 103335
Ion Ratio Lower Upper
164 100
162 98.3 78.3 117.5
160 44.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 149.994 ng
RT: 16.044 min Scan# 2205
Delta R.T. -0.005 min
Lab File: BG057834.D
Acq: 23 Jun 2023 9:13

Tgt Ion:330 Resp: 215909
Ion Ratio Lower Upper
330 100
332 96.6 76.6 115.0
141 27.2 24.7 37.1

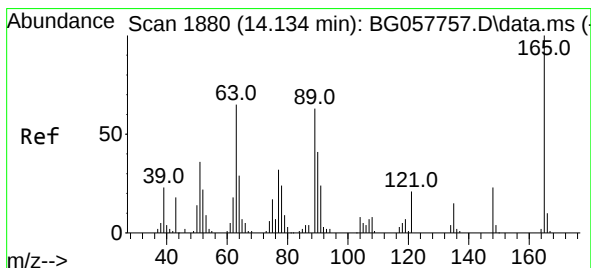
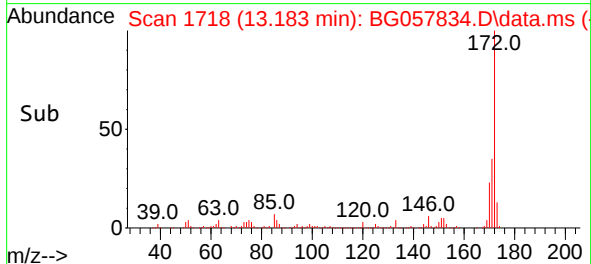
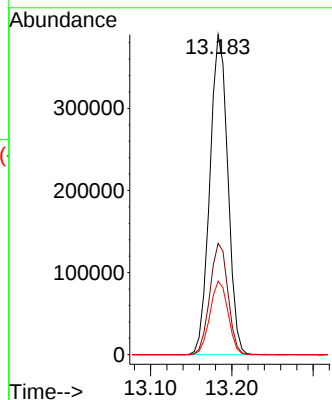
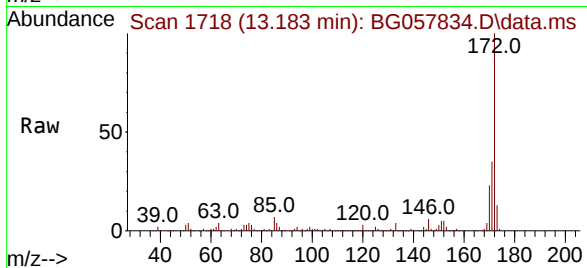




#45
2-Fluorobiphenyl
Concen: 87.861 ng
RT: 13.183 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057834.D
Acq: 23 Jun 2023 9:13

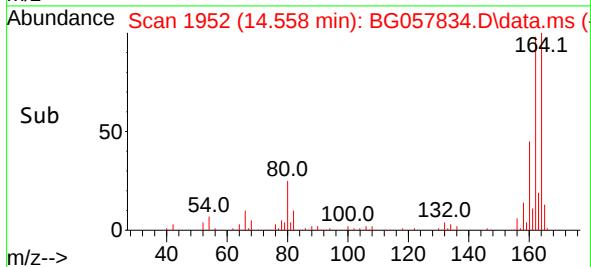
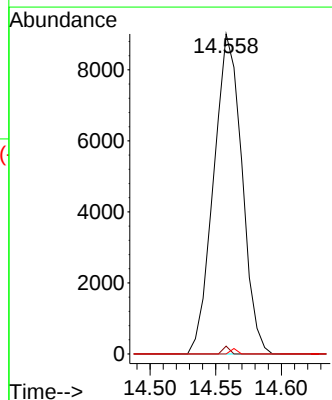
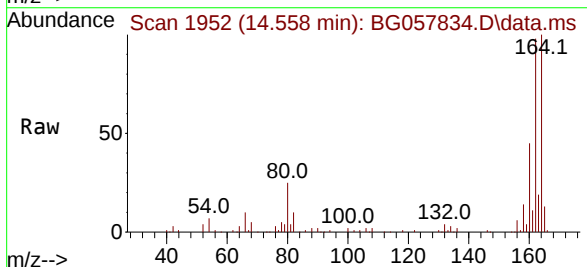
Instrument :
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ClientSampleId :
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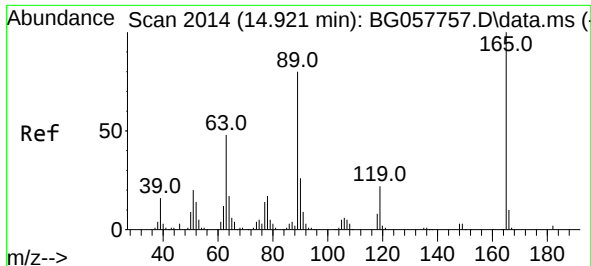
Tgt Ion:172 Resp: 598594
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.229 ng
RT: 14.558 min Scan# 1952
Delta R.T. 0.424 min
Lab File: BG057834.D
Acq: 23 Jun 2023 9:13

Tgt Ion:165 Resp: 13488
Ion Ratio Lower Upper
165 100
63 2.5 52.8 79.2#
89 0.0 50.7 76.1#





#57

2,4-Dinitrotoluene

Concen: 6.805 ng

RT: 14.558 min Scan# 1952

Delta R.T. -0.363 min

Lab File: BG057834.D

Acq: 23 Jun 2023 9:13

Instrument :

BNA_G

ClientSampleId :

PB153685BL

Tgt Ion:165 Resp: 13488

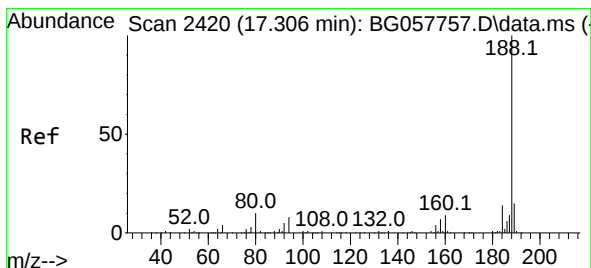
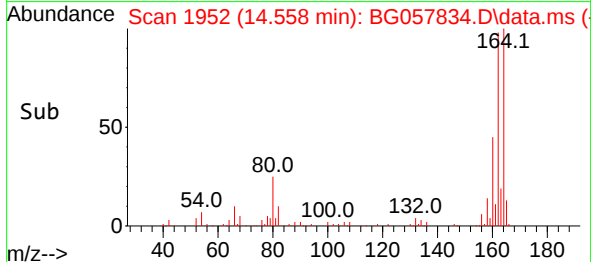
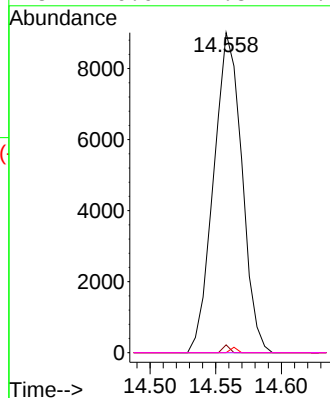
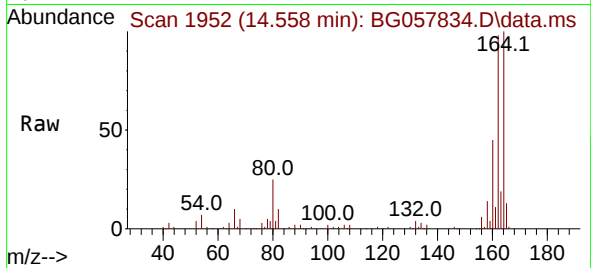
Ion Ratio Lower Upper

165 100

63 2.5 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: 17.302 min Scan# 2419

Delta R.T. -0.005 min

Lab File: BG057834.D

Acq: 23 Jun 2023 9:13

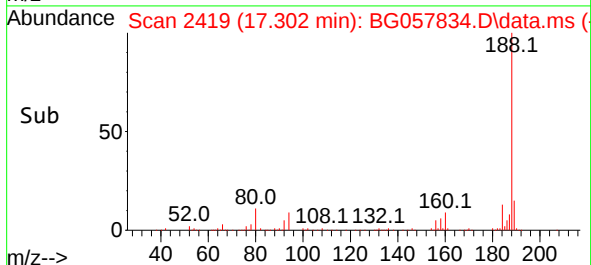
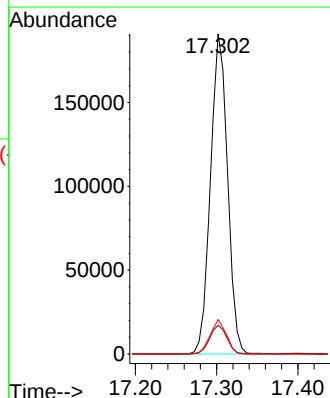
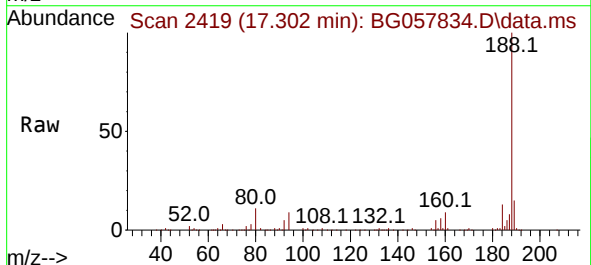
Tgt Ion:188 Resp: 277811

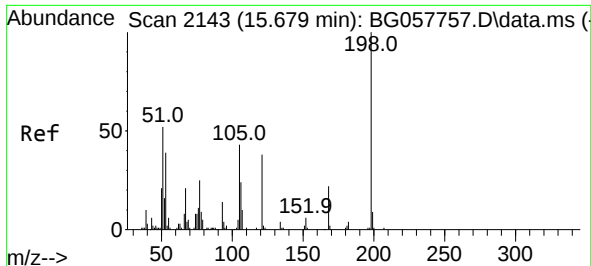
Ion Ratio Lower Upper

188 100

94 9.0 6.6 9.8

80 10.8 7.6 11.4

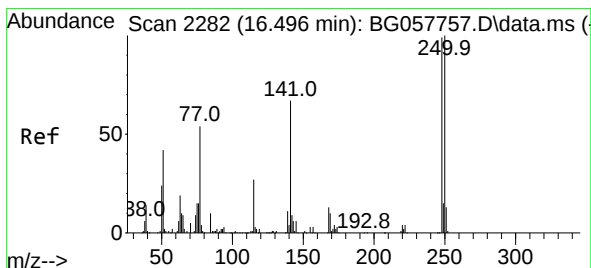
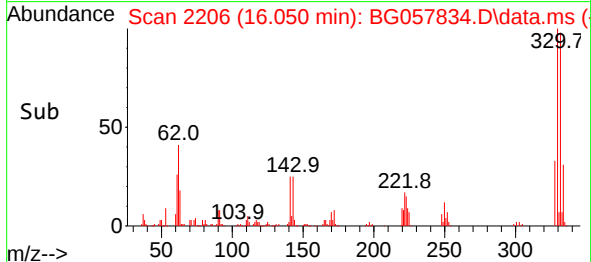
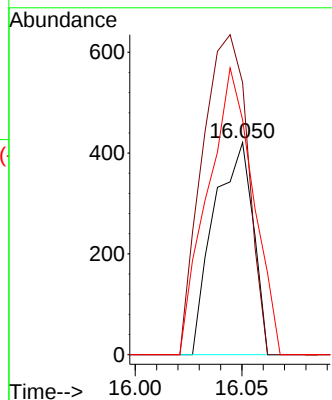
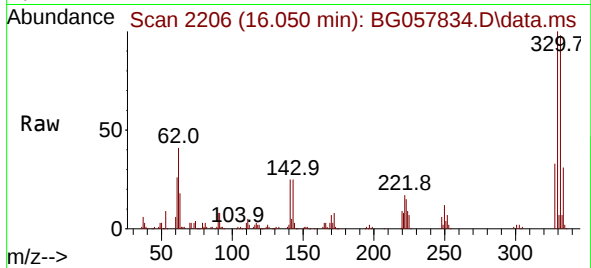




#65
4,6-Dinitro-2-methylphenol
Concen: 5.686 ng
RT: 16.050 min Scan# 2143
Delta R.T. 0.371 min
Lab File: BG057834.D
Acq: 23 Jun 2023 9:13

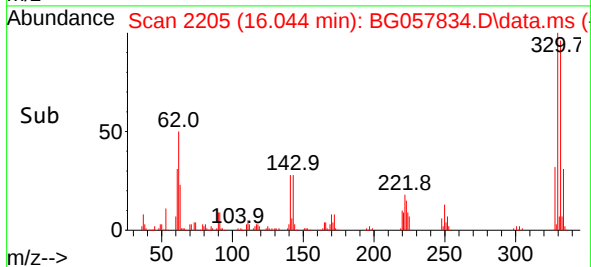
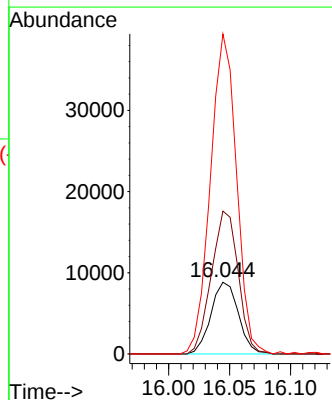
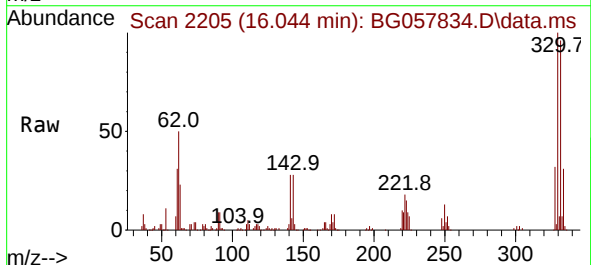
Instrument :
BNA_G
ClientSampleId :
PB153685BL

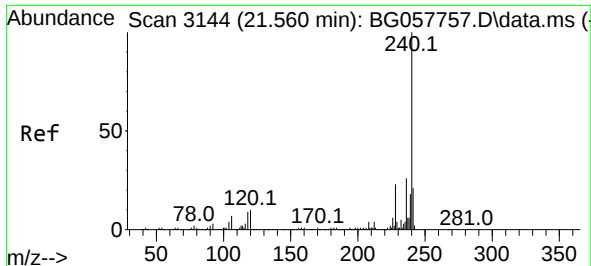
Tgt Ion:198 Resp: 537
Ion Ratio Lower Upper
198 100
51 128.3 36.6 76.6#
105 110.7 24.3 64.3#



#67
4-Bromophenyl-phenylether
Concen: 4.706 ng
RT: 16.044 min Scan# 2205
Delta R.T. -0.451 min
Lab File: BG057834.D
Acq: 23 Jun 2023 9:13

Tgt Ion:248 Resp: 13866
Ion Ratio Lower Upper
248 100
250 199.1 81.1 121.7#
141 445.8 54.6 81.8#

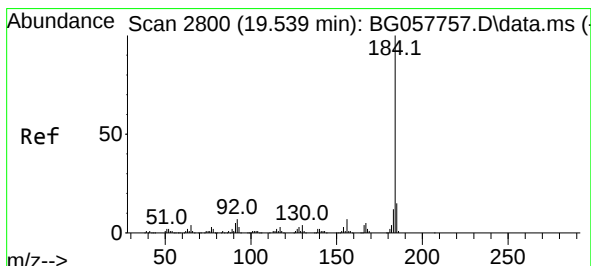
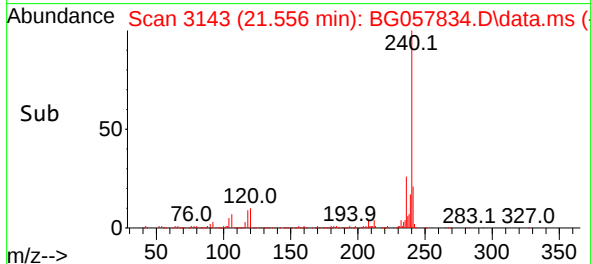
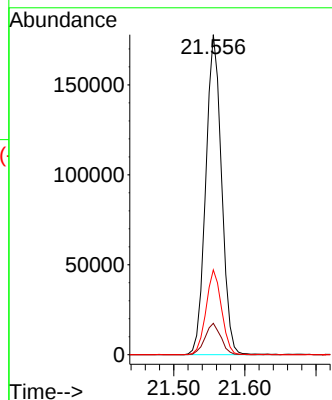
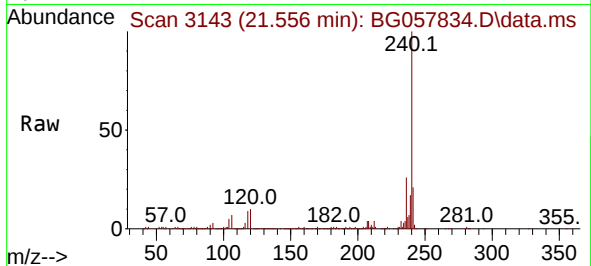




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.556 min Scan# 3143
Delta R.T. -0.005 min
Lab File: BG057834.D
Acq: 23 Jun 2023 9:13

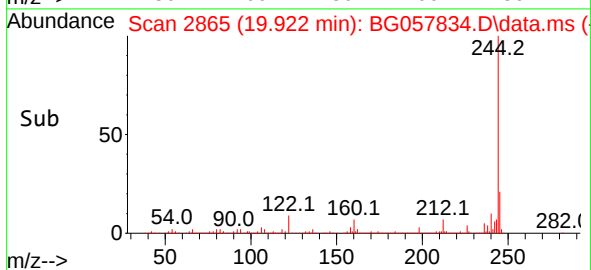
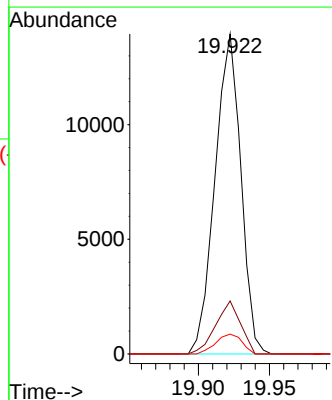
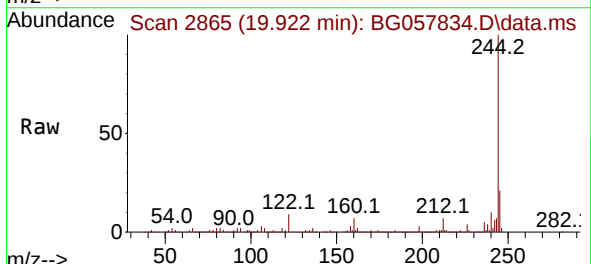
Instrument :
BNA_G
ClientSampleId :
PB153685BL

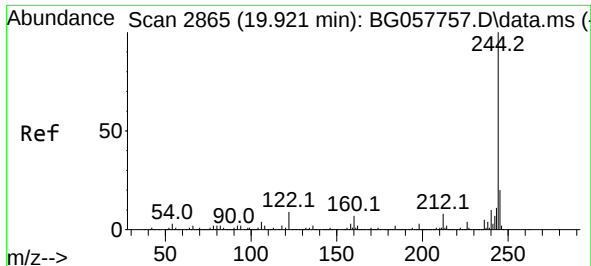
Tgt Ion:240 Resp: 274927
Ion Ratio Lower Upper
240 100
120 9.8 8.1 12.1
236 26.5 20.6 30.8



#77
Benzidine
Concen: 2.734 ng
RT: 19.922 min Scan# 2865
Delta R.T. 0.383 min
Lab File: BG057834.D
Acq: 23 Jun 2023 9:13

Tgt Ion:184 Resp: 17617
Ion Ratio Lower Upper
184 100
185 16.5 12.0 18.0
183 6.2 9.4 14.0#

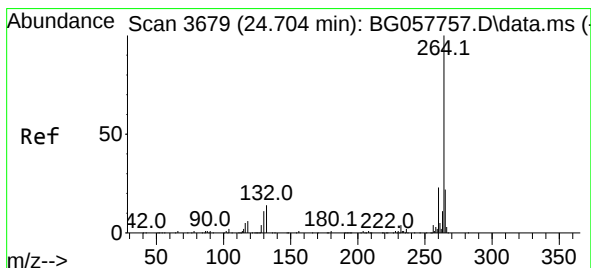
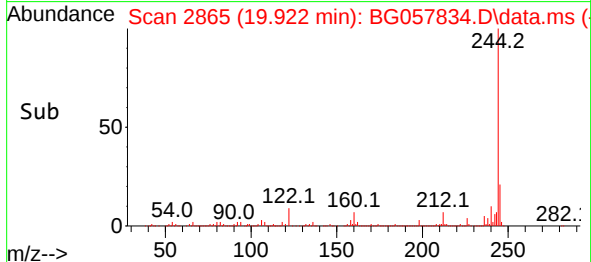
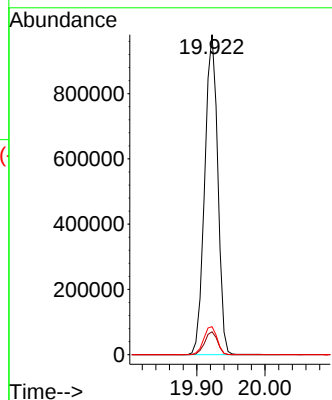
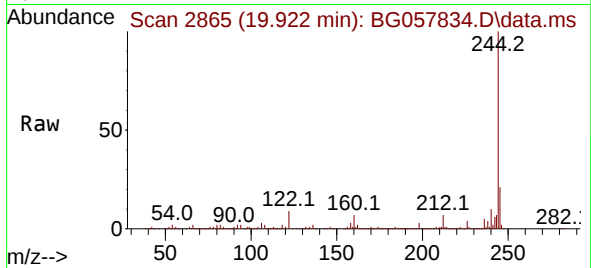




#79
 Terphenyl-d14
 Concen: 88.366 ng
 RT: 19.922 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG057834.D
 Acq: 23 Jun 2023 9:13

Instrument :
 BNA_G
 ClientSampleId :
 PB153685BL

Tgt Ion:244 Resp: 1302873
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 8.8 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.711 min Scan# 3680
 Delta R.T. 0.007 min
 Lab File: BG057834.D
 Acq: 23 Jun 2023 9:13

Tgt Ion:264 Resp: 328004
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.5 27.7
 265 22.3 17.4 26.2

