

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
 Data File : BG060743.D
 Acq On : 2 Apr 2024 18:43
 Operator : MA/JU
 Sample : P1867-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-148-GW01

Quant Time: Apr 03 00:42:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

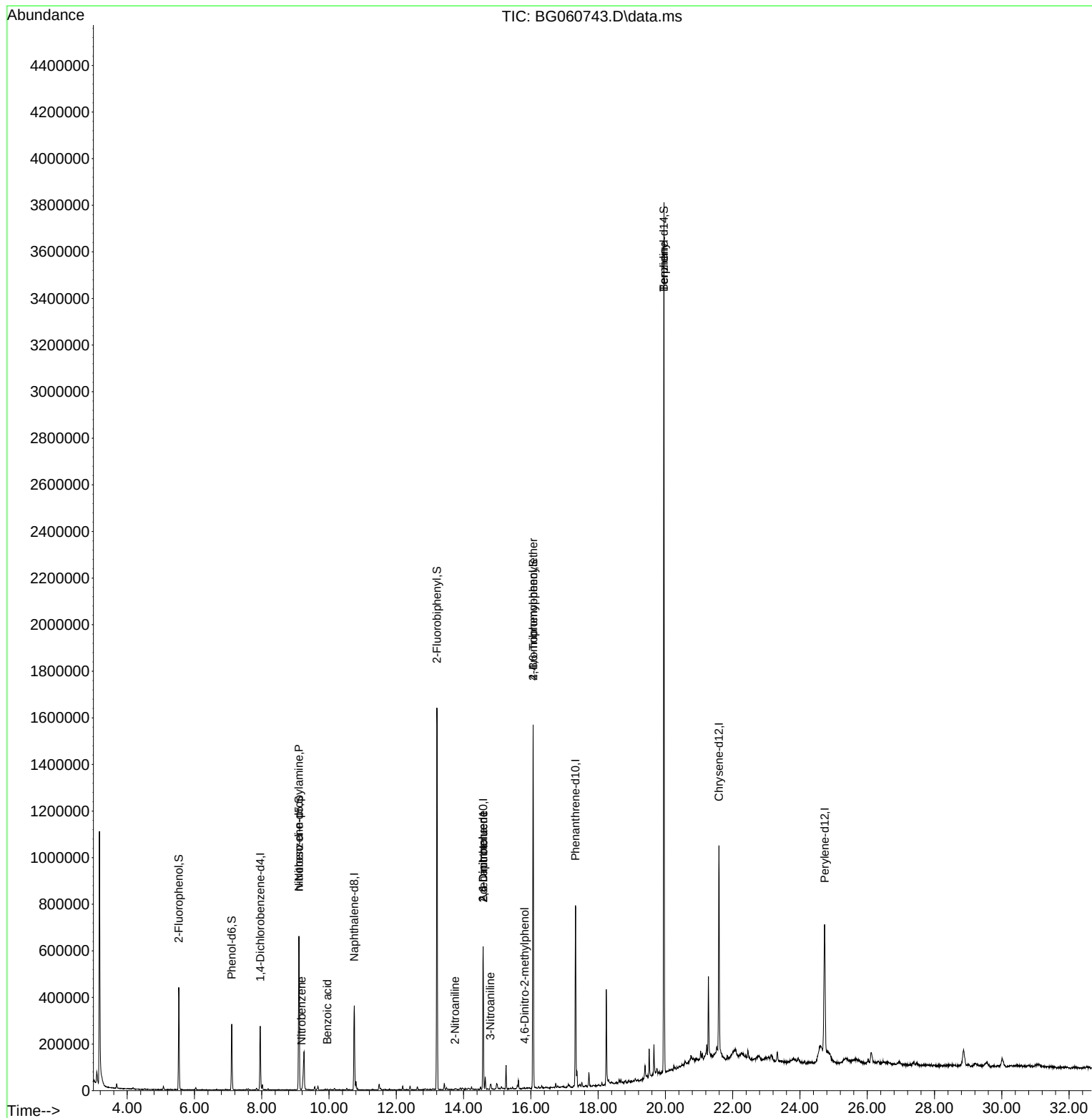
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	75815	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	293298	20.000	ng	0.00
39) Acenaphthene-d10	14.582	164	211835	20.000	ng	0.00
64) Phenanthrene-d10	17.326	188	512811	20.000	ng	-0.01
76) Chrysene-d12	21.591	240	495162	20.000	ng	-0.01
86) Perylene-d12	24.735	264	590836	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	171020	37.578	ng	0.00
7) Phenol-d6	7.108	99	140854	20.850	ng	0.00
23) Nitrobenzene-d5	9.106	82	351366	68.359	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	291456	121.204	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	859836	59.571	ng	-0.01
79) Terphenyl-d14	19.958	244	1870767	66.526	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.106	70	47960	9.310	ng	# 77
24) Nitrobenzene	9.182	77	55	2.782	ng	# 42
32) Benzoic acid	9.952	122	866	7.071	ng	# 63
48) 2-Nitroaniline	13.748	65	64	2.809	ng	# 11
51) 2,6-Dinitrotoluene	14.582	165	27794	12.090	ng	# 20
53) 3-Nitroaniline	14.794	138	58	2.868	ng	# 1
57) 2,4-Dinitrotoluene	14.582	165	27794	10.171	ng	# 21
65) 4,6-Dinitro-2-methylph...	15.816	198	55	7.056	ng	# 28
67) 4-Bromophenyl-phenylether	16.068	248	20056	3.854	ng	# 1
77) Benzidine	19.958	184	30376	2.330	ng	# 93

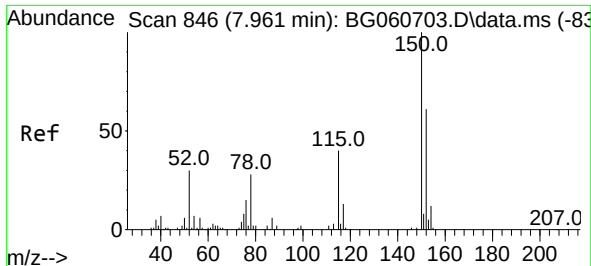
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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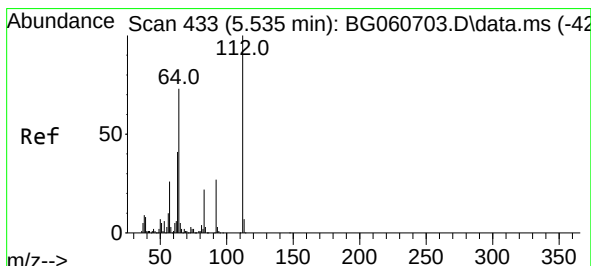
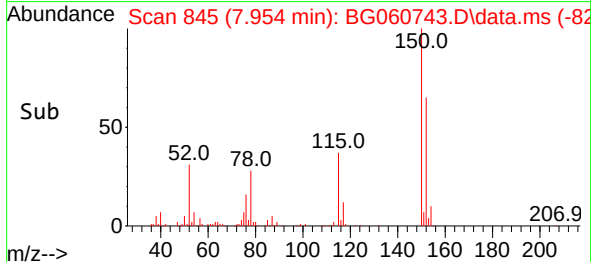
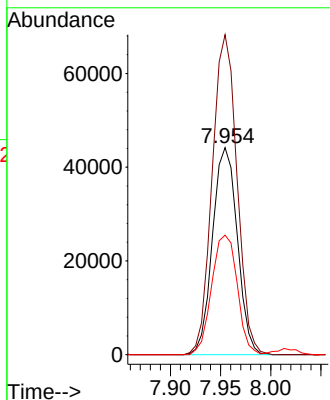
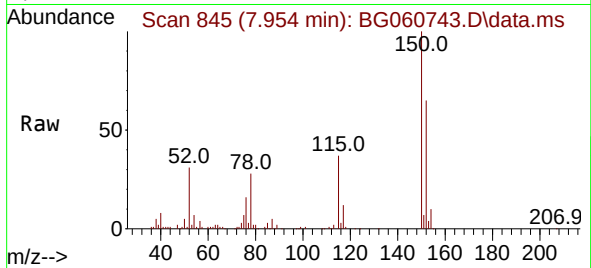




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.954 min Scan# 846
Delta R.T. -0.007 min
Lab File: BG060743.D
Acq: 2 Apr 2024 18:43

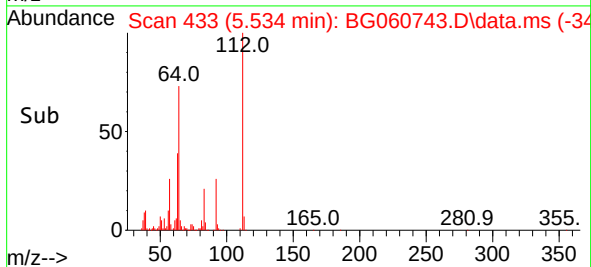
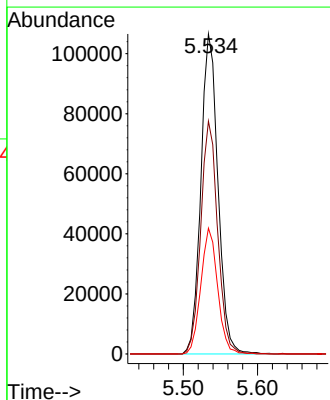
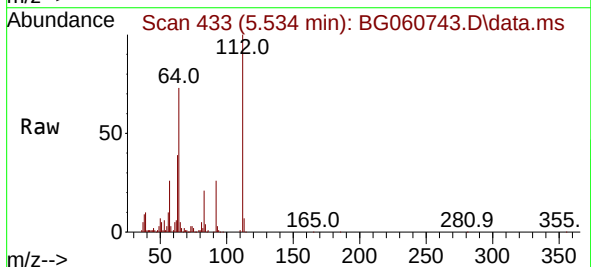
Instrument :
BNA_G
ClientSampleId :
B-148-GW01

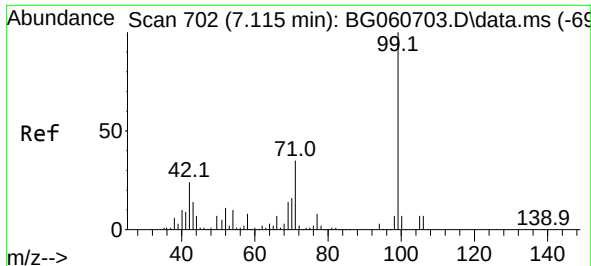
Tgt Ion:152 Resp: 75815
Ion Ratio Lower Upper
152 100
150 154.5 130.2 195.4
115 57.7 51.6 77.4



#5
2-Fluorophenol
Concen: 37.578 ng
RT: 5.534 min Scan# 433
Delta R.T. -0.001 min
Lab File: BG060743.D
Acq: 2 Apr 2024 18:43

Tgt Ion:112 Resp: 171020
Ion Ratio Lower Upper
112 100
64 72.8 58.4 87.6
63 39.3 32.7 49.1

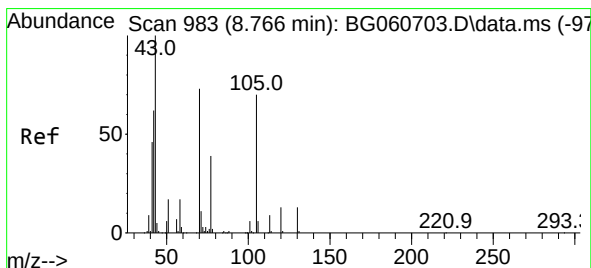
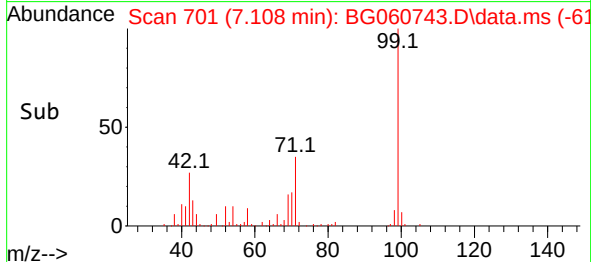
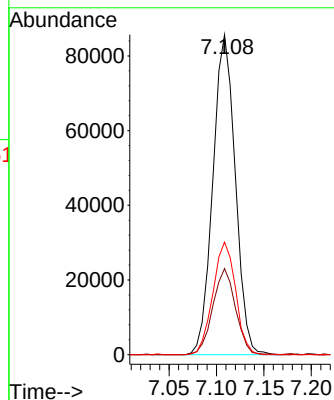
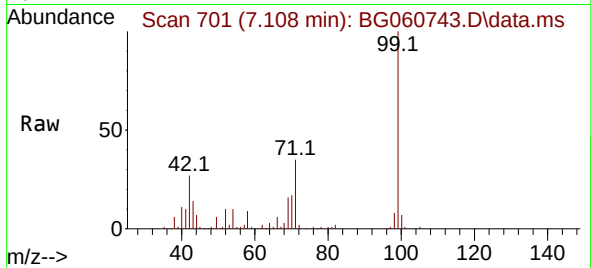




#7
Phenol-d6
Concen: 20.850 ng
RT: 7.108 min Scan# 702
Delta R.T. -0.007 min
Lab File: BG060743.D
Acq: 2 Apr 2024 18:43

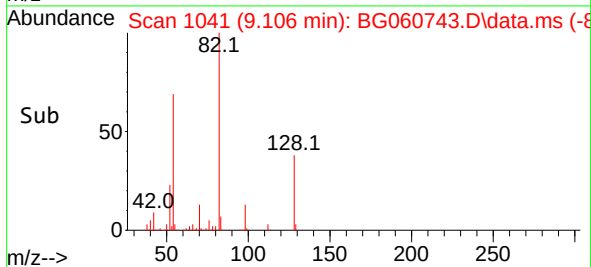
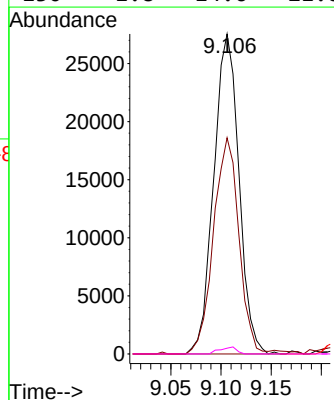
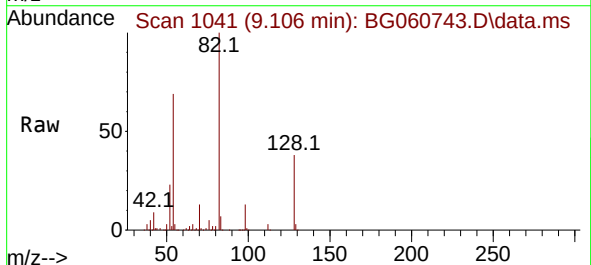
Instrument :
BNA_G
ClientSampleId :
B-148-GW01

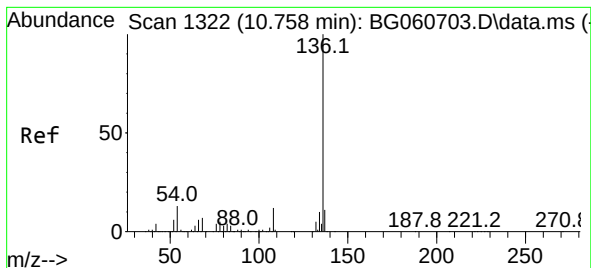
Tgt Ion: 99 Resp: 140854
Ion Ratio Lower Upper
99 100
42 26.9 19.4 29.2
71 35.2 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.310 ng
RT: 9.106 min Scan# 1041
Delta R.T. 0.340 min
Lab File: BG060743.D
Acq: 2 Apr 2024 18:43

Tgt Ion: 70 Resp: 47960
Ion Ratio Lower Upper
70 100
42 67.5 68.4 102.6#
101 0.0 6.1 9.1#
130 1.8 14.6 21.8#



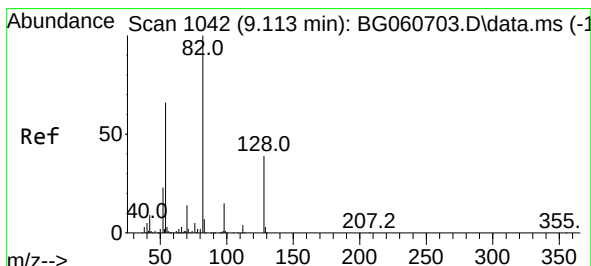
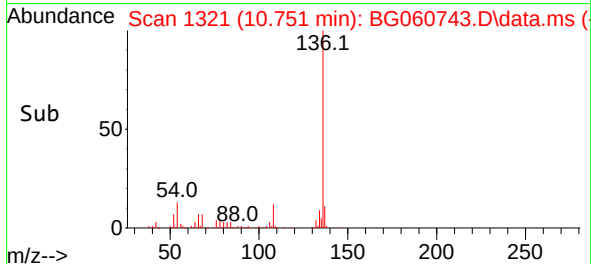
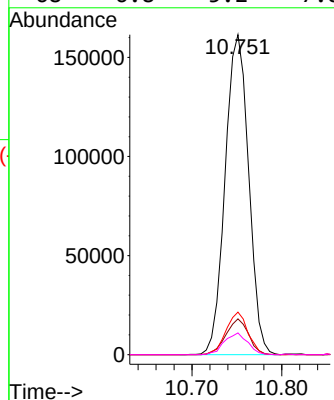
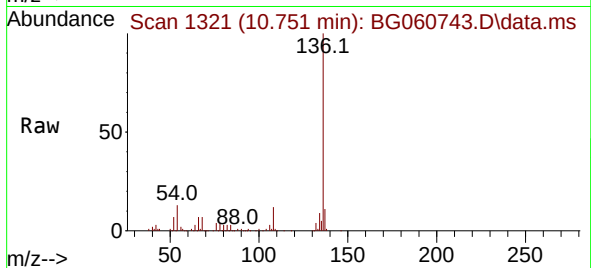


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060743.D
Acq: 2 Apr 2024 18:43

Instrument :
BNA_G
ClientSampleId :
B-148-GW01

Tgt Ion:136 Resp: 293298

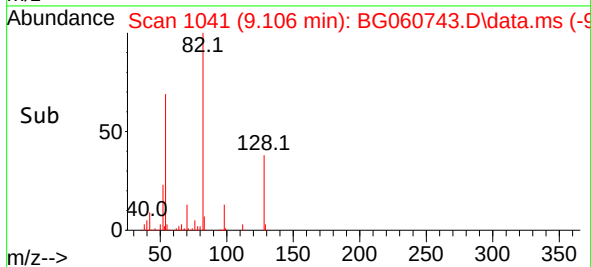
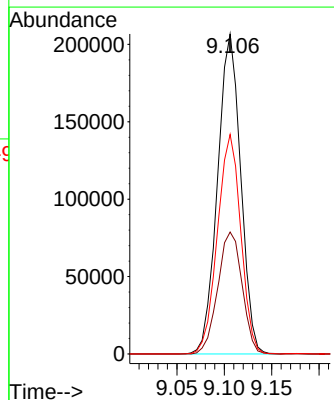
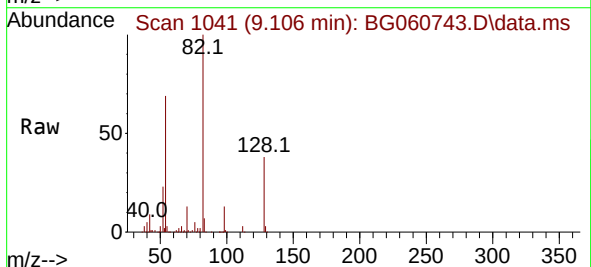
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	13.3	10.2	15.2
68	6.8	5.2	7.8

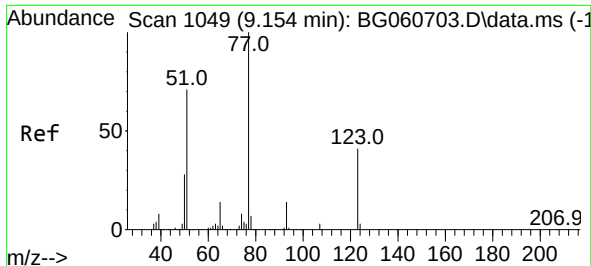


#23
Nitrobenzene-d5
Concen: 68.359 ng
RT: 9.106 min Scan# 1041
Delta R.T. -0.007 min
Lab File: BG060743.D
Acq: 2 Apr 2024 18:43

Tgt Ion: 82 Resp: 351366

Ion	Ratio	Lower	Upper
82	100		
128	38.1	31.2	46.8
54	68.6	53.2	79.8

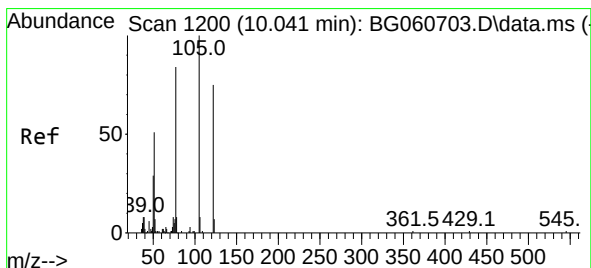
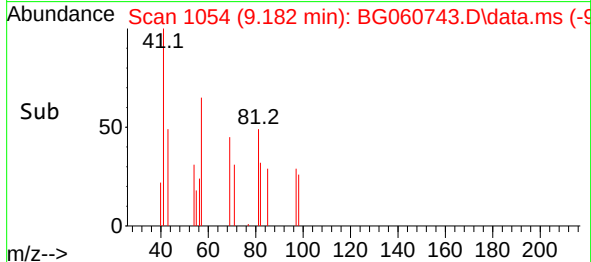
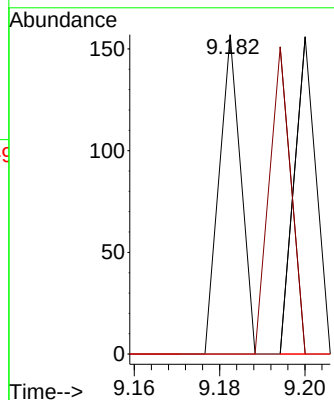
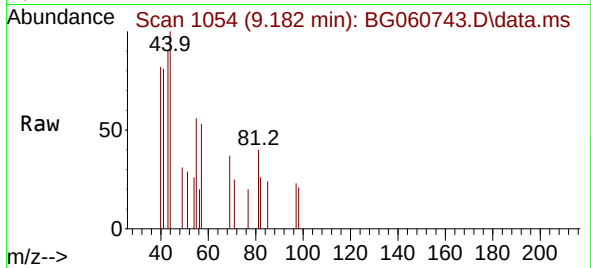




#24
Nitrobenzene
Concen: 2.782 ng
RT: 9.182 min Scan# 1185
Delta R.T. 0.028 min
Lab File: BG060743.D
Acq: 2 Apr 2024 18:43

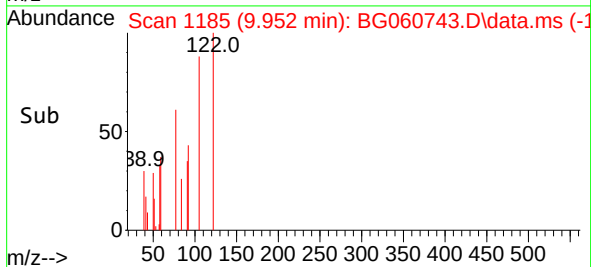
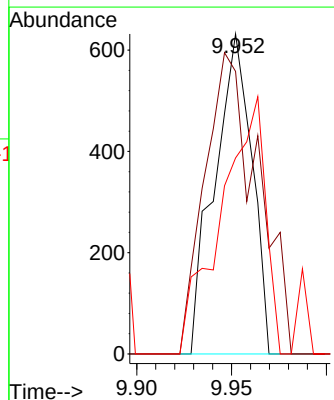
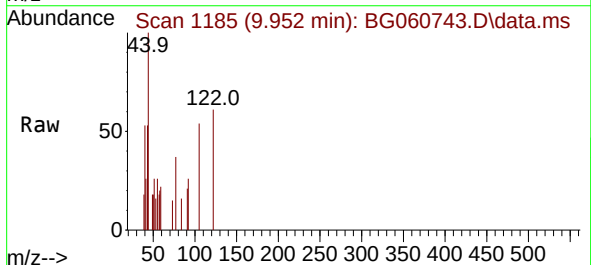
Instrument :
BNA_G
ClientSampleId :
B-148-GW01

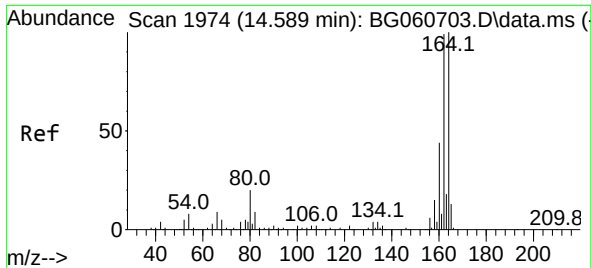
Tgt Ion: 77 Resp: 55
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 11.3 16.9#



#32
Benzoic acid
Concen: 7.071 ng
RT: 9.952 min Scan# 1185
Delta R.T. -0.089 min
Lab File: BG060743.D
Acq: 2 Apr 2024 18:43

Tgt Ion: 122 Resp: 866
Ion Ratio Lower Upper
122 100
105 88.3 104.5 144.5#
77 61.2 85.3 125.3#

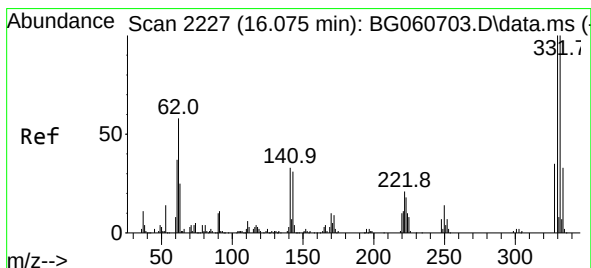
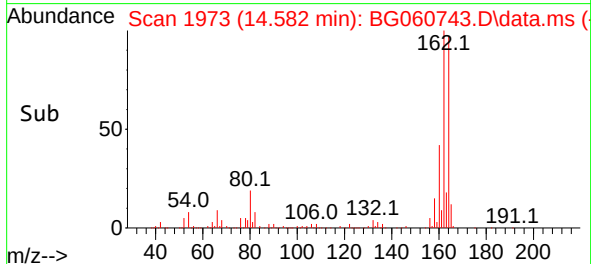
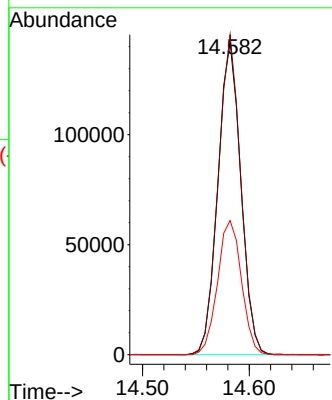
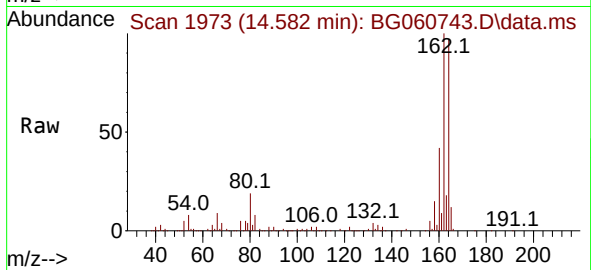




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.582 min Scan# 1973
Delta R.T. -0.007 min
Lab File: BG060743.D
Acq: 2 Apr 2024 18:43

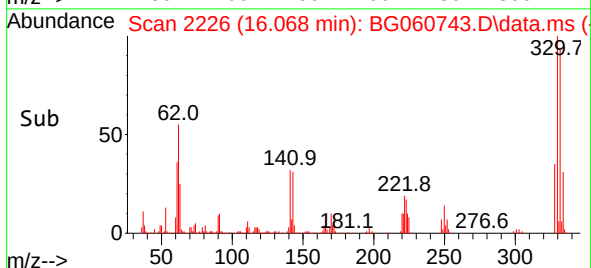
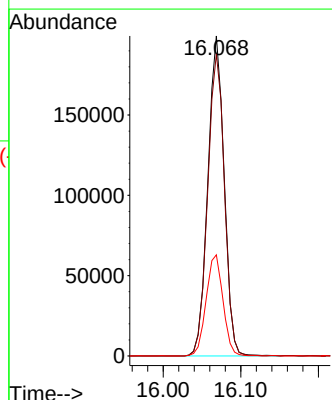
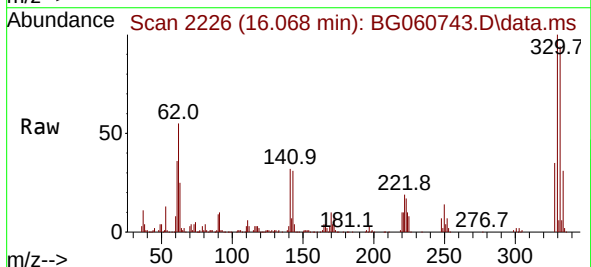
Instrument :
BNA_G
ClientSampleId :
B-148-GW01

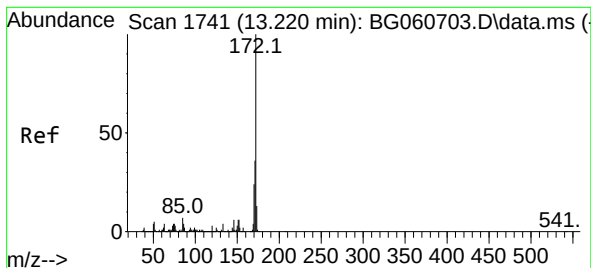
Tgt Ion:164 Resp: 211835
Ion Ratio Lower Upper
164 100
162 102.6 79.5 119.3
160 43.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 121.204 ng
RT: 16.068 min Scan# 2226
Delta R.T. -0.007 min
Lab File: BG060743.D
Acq: 2 Apr 2024 18:43

Tgt Ion:330 Resp: 291456
Ion Ratio Lower Upper
330 100
332 96.6 78.2 117.4
141 32.6 27.0 40.6





#45

2-Fluorobiphenyl

Concen: 59.571 ng

RT: 13.207 min Scan# 1

Delta R.T. -0.013 min

Lab File: BG060743.D

Acq: 2 Apr 2024 18:43

Instrument :

BNA_G

ClientSampleId :

B-148-GW01

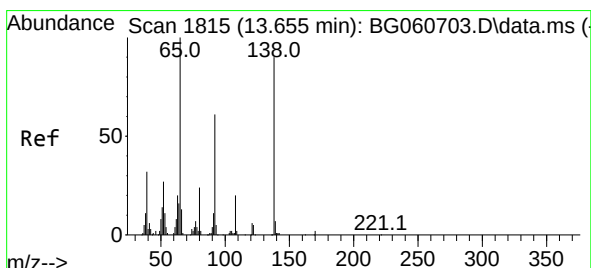
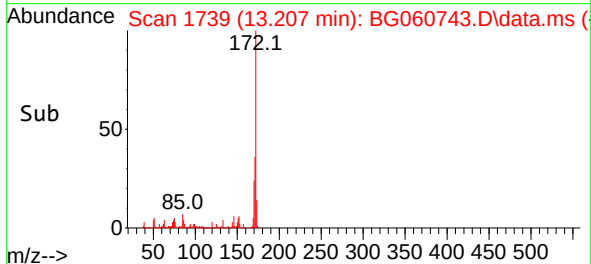
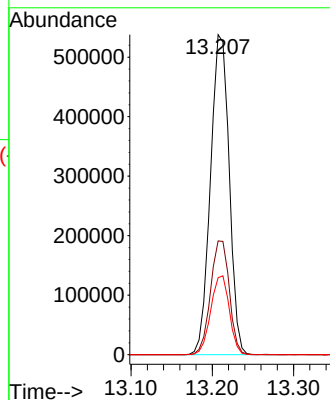
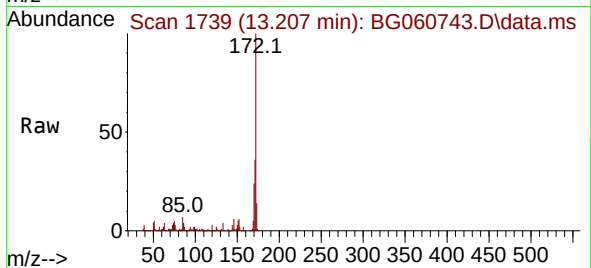
Tgt Ion:172 Resp: 859836

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 24.0 19.4 29.0



#48

2-Nitroaniline

Concen: 2.809 ng

RT: 13.748 min Scan# 1831

Delta R.T. 0.093 min

Lab File: BG060743.D

Acq: 2 Apr 2024 18:43

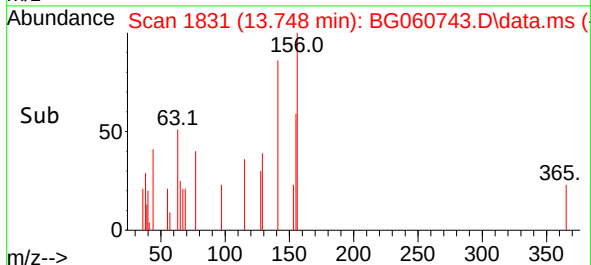
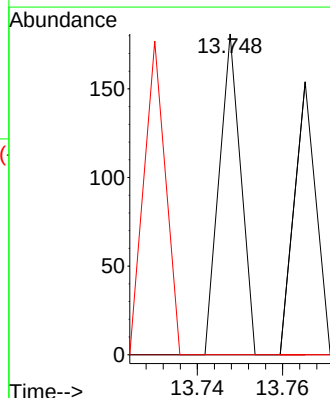
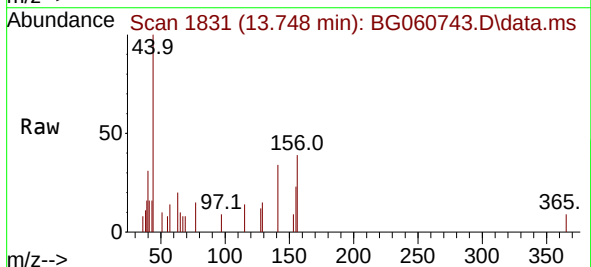
Tgt Ion: 65 Resp: 64

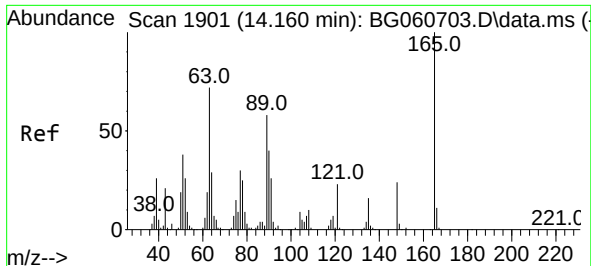
Ion Ratio Lower Upper

65 100

92 0.0 48.6 72.8#

138 0.0 72.2 108.4#

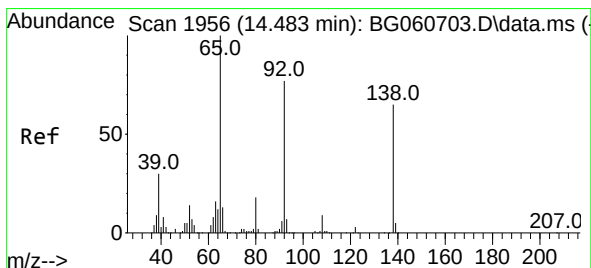
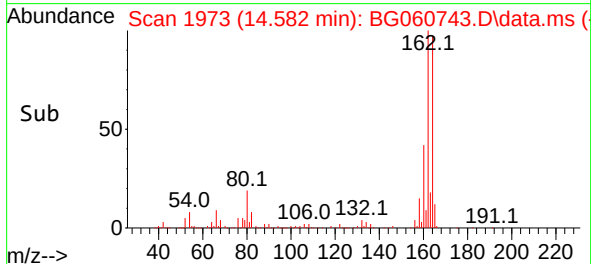
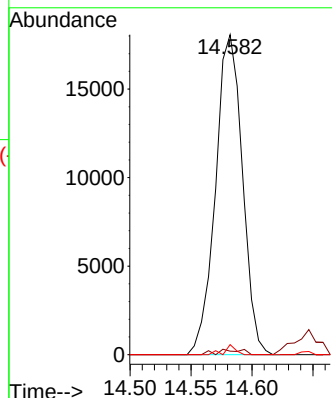
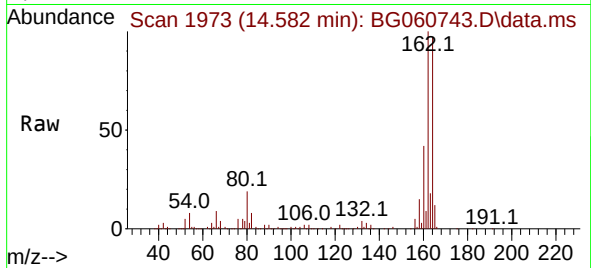




#51
2,6-Dinitrotoluene
Concen: 12.090 ng
RT: 14.582 min Scan# 1901
Delta R.T. 0.422 min
Lab File: BG060743.D
Acq: 2 Apr 2024 18:43

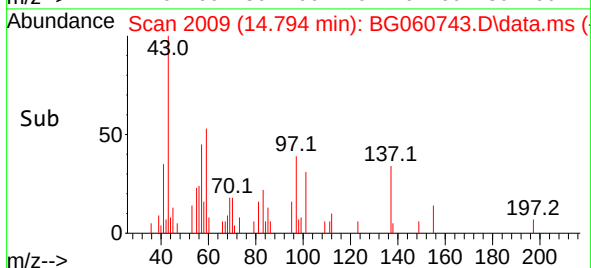
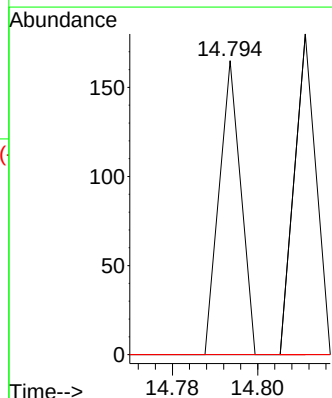
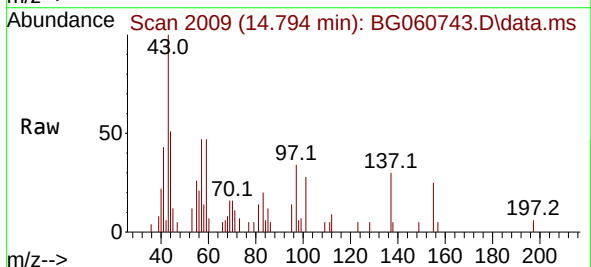
Instrument :
BNA_G
ClientSampleId :
B-148-GW01

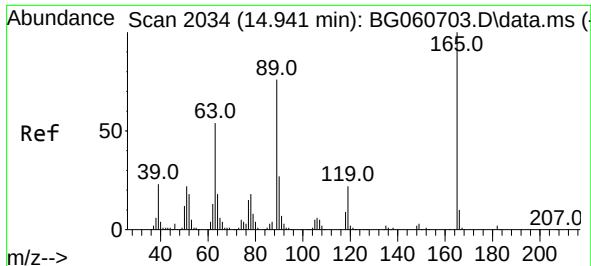
Tgt Ion:165 Resp: 27794
Ion Ratio Lower Upper
165 100
63 1.1 58.2 87.4#
89 3.2 46.1 69.1#



#53
3-Nitroaniline
Concen: 2.868 ng
RT: 14.794 min Scan# 2009
Delta R.T. 0.310 min
Lab File: BG060743.D
Acq: 2 Apr 2024 18:43

Tgt Ion:138 Resp: 58
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#





#57

2,4-Dinitrotoluene

Concen: 10.171 ng

RT: 14.582 min Scan# 1973

Delta R.T. -0.359 min

Lab File: BG060743.D

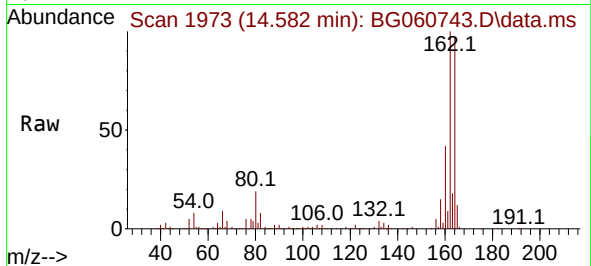
Acq: 2 Apr 2024 18:43

Instrument :

BNA_G

ClientSampleId :

B-148-GW01



Tgt Ion:165 Resp: 27794

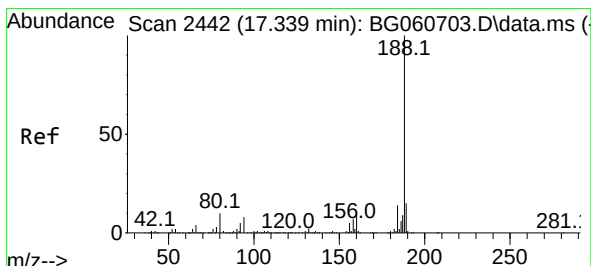
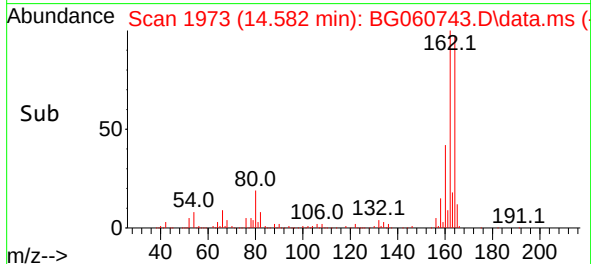
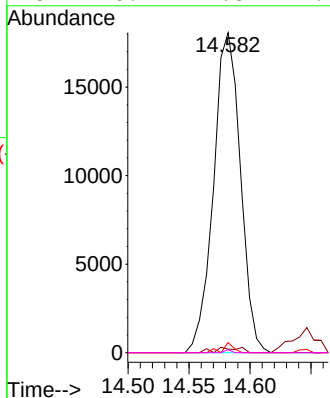
Ion Ratio Lower Upper

165 100

63 1.1 43.4 65.0#

89 3.2 61.0 91.6#

182 0.9 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.326 min Scan# 2440

Delta R.T. -0.013 min

Lab File: BG060743.D

Acq: 2 Apr 2024 18:43

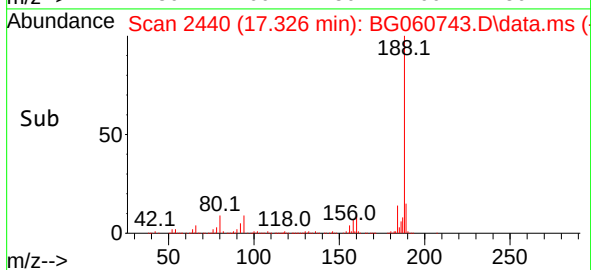
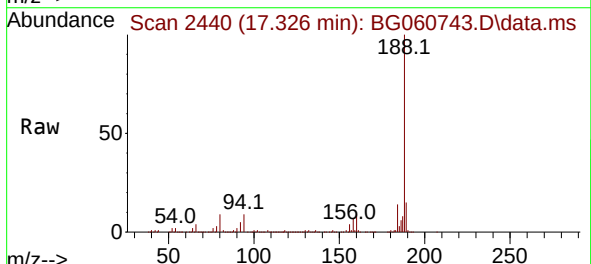
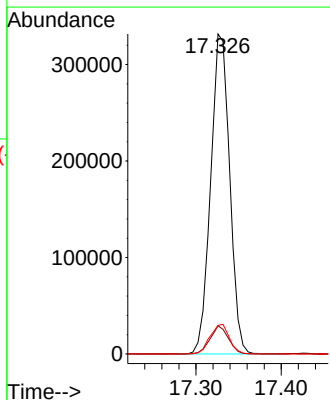
Tgt Ion:188 Resp: 512811

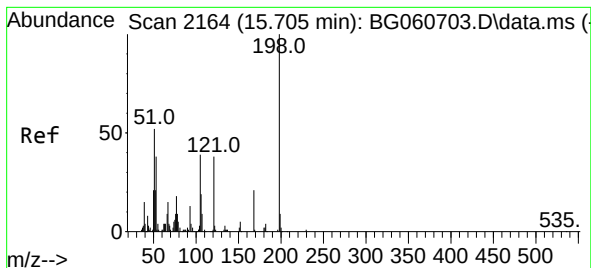
Ion Ratio Lower Upper

188 100

94 8.8 6.6 9.8

80 9.0 7.6 11.4

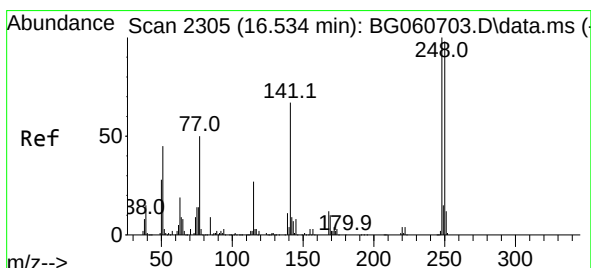
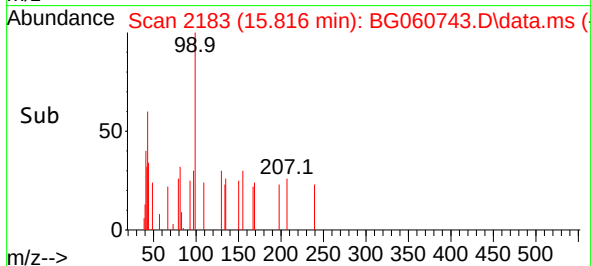
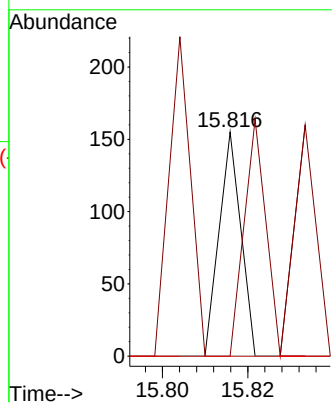
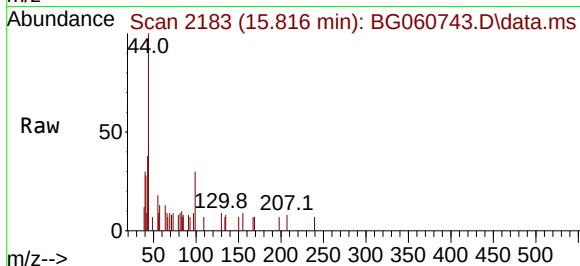




#65
4,6-Dinitro-2-methylphenol
Concen: 7.056 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.111 min
Lab File: BG060743.D
Acq: 2 Apr 2024 18:43

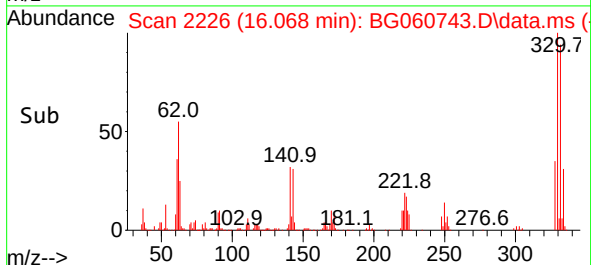
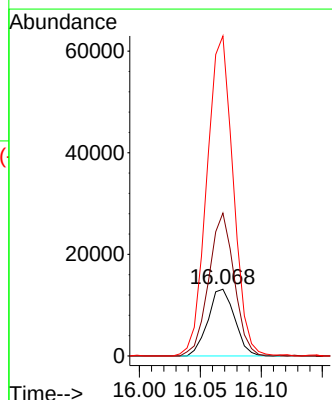
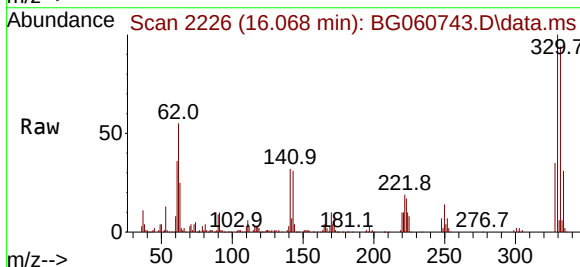
Instrument :
BNA_G
ClientSampleId :
B-148-GW01

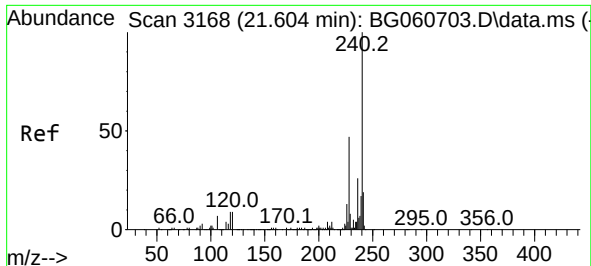
Tgt Ion:198 Resp: 55
Ion Ratio Lower Upper
198 100
51 0.0 36.7 76.7#
105 0.0 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 3.854 ng
RT: 16.068 min Scan# 2226
Delta R.T. -0.466 min
Lab File: BG060743.D
Acq: 2 Apr 2024 18:43

Tgt Ion:248 Resp: 20056
Ion Ratio Lower Upper
248 100
250 214.3 78.3 117.5#
141 479.6 53.7 80.5#

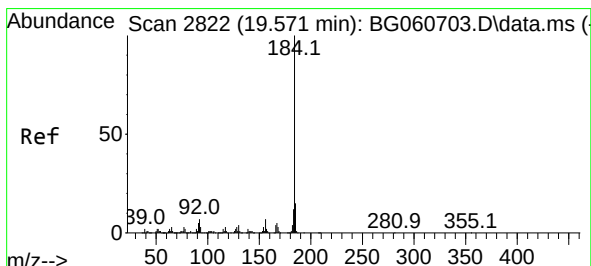
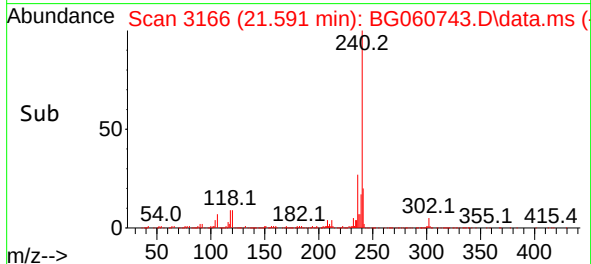
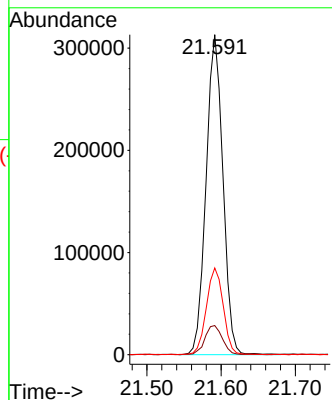
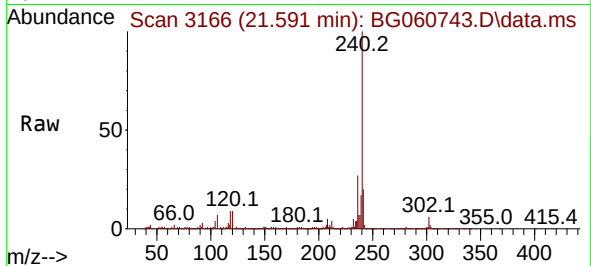




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.591 min Scan# 3166
Delta R.T. -0.013 min
Lab File: BG060743.D
Acq: 2 Apr 2024 18:43

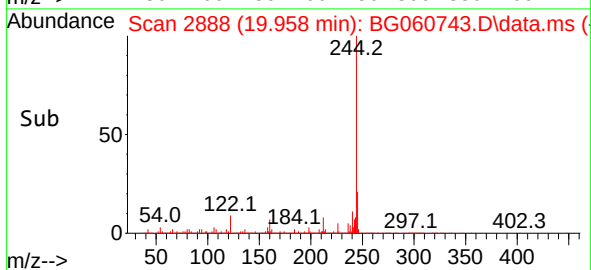
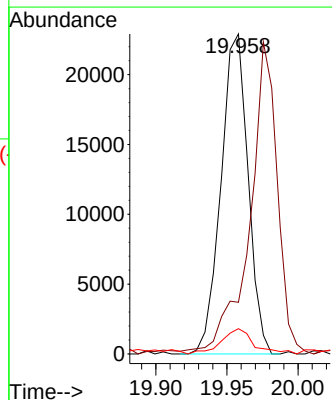
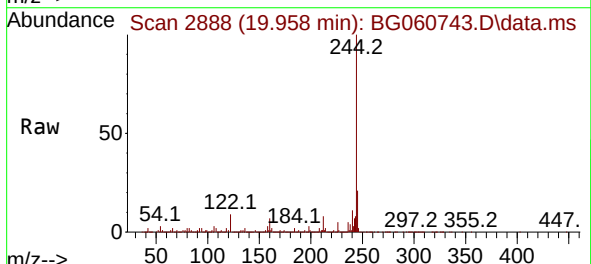
Instrument :
BNA_G
ClientSampleId :
B-148-GW01

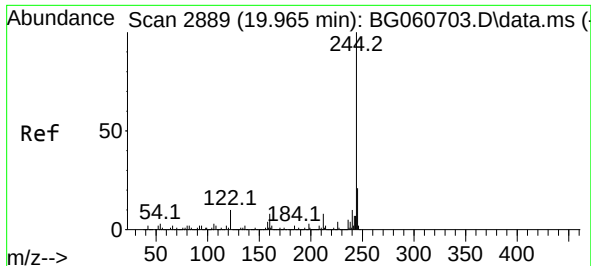
Tgt Ion:240 Resp: 495162
Ion Ratio Lower Upper
240 100
120 9.1 7.1 10.7
236 27.1 20.7 31.1



#77
Benzidine
Concen: 2.330 ng
RT: 19.958 min Scan# 2888
Delta R.T. 0.387 min
Lab File: BG060743.D
Acq: 2 Apr 2024 18:43

Tgt Ion:184 Resp: 30376
Ion Ratio Lower Upper
184 100
185 16.1 11.8 17.6
183 7.9 9.5 14.3#

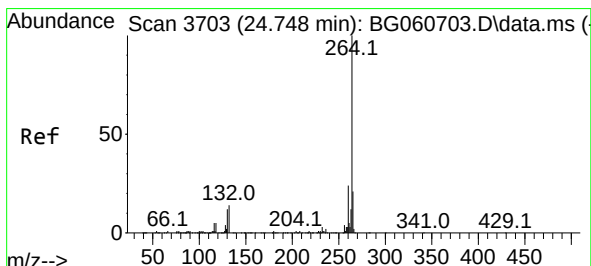
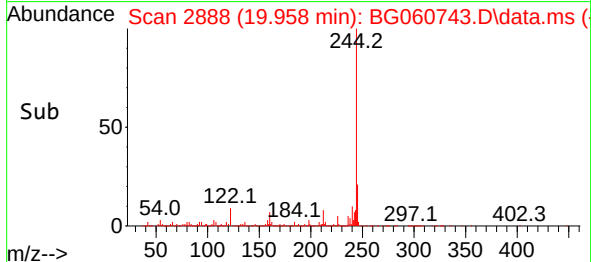
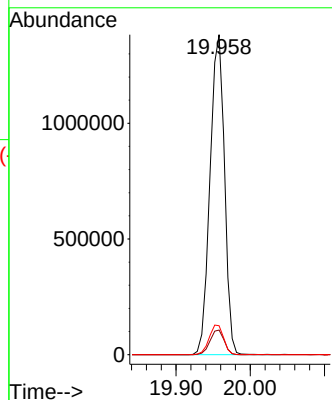
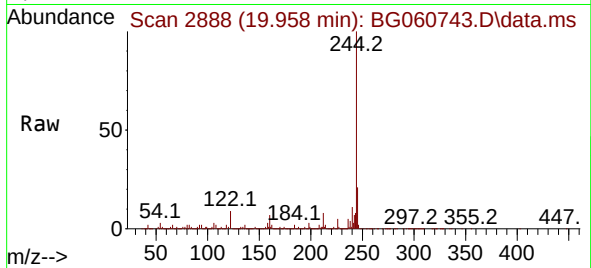




#79
 Terphenyl-d14
 Concen: 66.526 ng
 RT: 19.958 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG060743.D
 Acq: 2 Apr 2024 18:43

Instrument :
 BNA_G
 ClientSampleId :
 B-148-GW01

Tgt Ion:244 Resp: 1870767
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 9.1 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.735 min Scan# 3701
 Delta R.T. -0.013 min
 Lab File: BG060743.D
 Acq: 2 Apr 2024 18:43

Tgt Ion:264 Resp: 590836
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 20.8 16.9 25.3

