

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
 Data File : BG060817.D
 Acq On : 6 Apr 2024 18:56
 Operator : MA/JU
 Sample : P2000-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 08 02:09:50 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	7.955	152	75472	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	295023	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	212214	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	434031	20.000	ng	0.00
76) Chrysene-d12	21.598	240	404335	20.000	ng	# 0.00
86) Perylene-d12	24.741	264	498271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	263419	58.144	ng	0.01
7) Phenol-d6	7.121	99	213388	31.731	ng	0.00
23) Nitrobenzene-d5	9.112	82	539459	104.339	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	377201	156.582	ng	0.00
45) 2-Fluorobiphenyl	13.214	172	1228744	84.977	ng	0.00
79) Terphenyl-d14	19.959	244	1778146	77.436	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.472	88	14303	7.700	ng	# 76
3) Pyridine	3.860	79	61991	11.064	ng	93
4) n-Nitrosodimethylamine	3.772	42	21604	6.451	ng	# 6
10) Phenol	7.150	94	84547	12.319	ng	95
15) Benzyl Alcohol	8.225	79	23726	4.356	ng	# 43
17) 2-Methylphenol	8.396	107	56553	10.915	ng	98
20) 3+4-Methylphenols	8.725	107	1033743	145.703	ng	97
22) Acetophenone	8.778	105	715909	88.005	ng	# 97
24) Nitrobenzene	8.778	77	554920	93.625	ng	# 44
26) 2-Nitrophenol	9.900	139	54	2.989	ng	# 1
27) 2,4-Dimethylphenol	9.929	122	126724	26.491	ng	98
28) bis(2-Chloroethoxy)met...	10.182	93	93614	13.315	ng	# 64
31) Naphthalene	10.799	128	244693	15.333	ng	97
32) Benzoic acid	10.035	122	8913	9.238	ng	# 82
36) 4-Chloro-3-methylphenol	12.097	107	229883	40.966	ng	# 23
48) 2-Nitroaniline	13.642	65	24474	9.673	ng	# 33
50) Dimethylphthalate	14.048	163	35916	2.141	ng	# 94
51) 2,6-Dinitrotoluene	14.130	165	4246	4.805	ng	# 1
53) 3-Nitroaniline	14.436	138	20672	8.753	ng	# 12
56) 4-Nitrophenol	14.735	139	10414	4.247	ng	# 69
57) 2,4-Dinitrotoluene	14.941	165	1438	3.603	ng	# 1
63) Azobenzene	15.934	77	96834	5.889	ng	# 50
65) 4,6-Dinitro-2-methylph...	15.699	198	53	7.059	ng	# 1
66) n-Nitrosodiphenylamine	15.846	169	45052	3.632	ng	94
67) 4-Bromophenyl-phenylether	16.087	248	26172	5.942	ng	# 1
74) Di-n-butylphthalate	18.319	149	1152996	45.756	ng	# 97

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

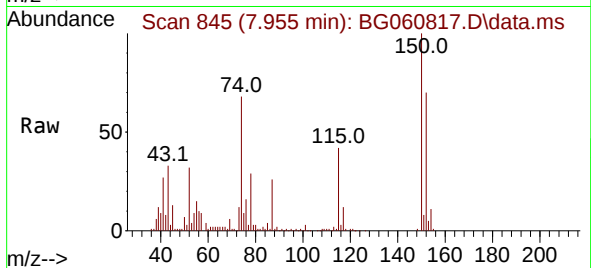
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration



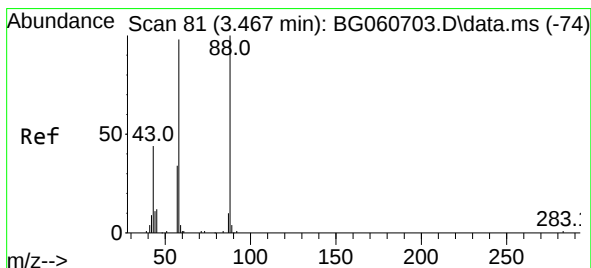
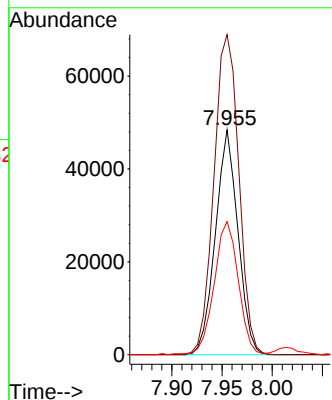
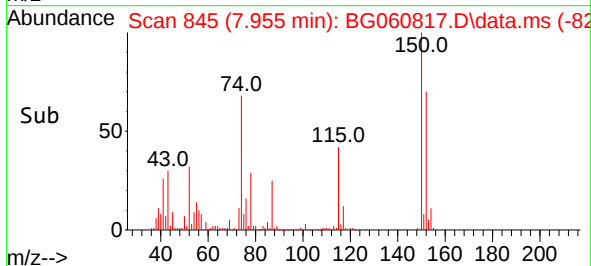


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.955 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: BG060817.D
 Acq: 6 Apr 2024 18:56

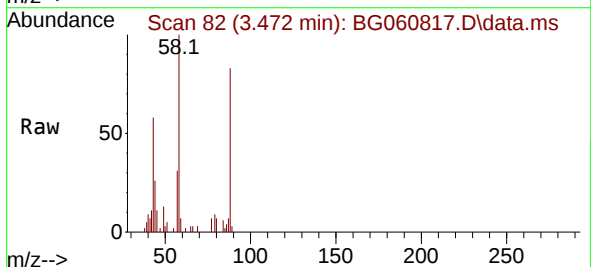
Instrument :
 BNA_G
 ClientSampleId :



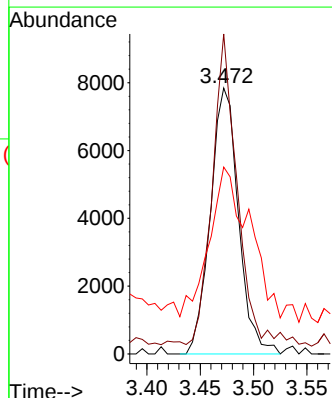
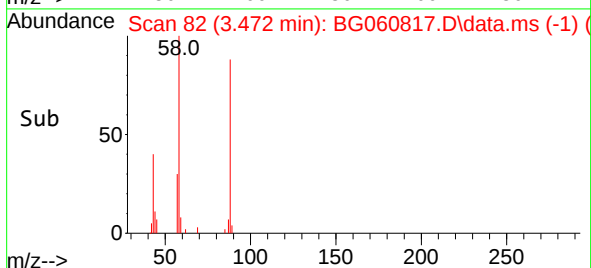
Tgt Ion:152 Resp: 75472
 Ion Ratio Lower Upper
 152 100
 150 142.3 130.2 195.4
 115 59.2 51.6 77.4

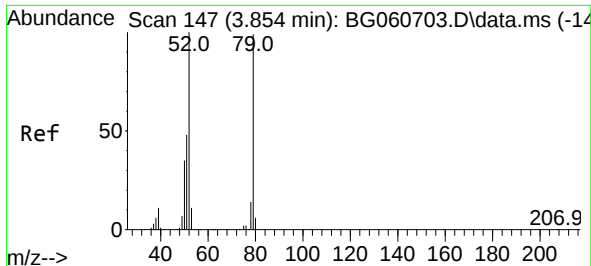


#2
 1,4-Dioxane
 Concen: 7.700 ng
 RT: 3.472 min Scan# 82
 Delta R.T. 0.005 min
 Lab File: BG060817.D
 Acq: 6 Apr 2024 18:56



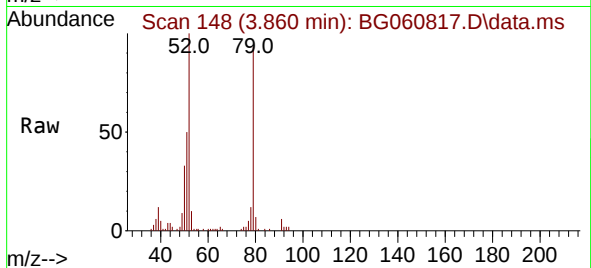
Tgt Ion: 88 Resp: 14303
 Ion Ratio Lower Upper
 88 100
 58 105.9 80.9 121.3
 43 88.2 35.4 53.0



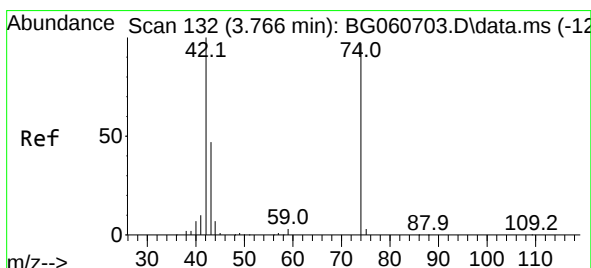
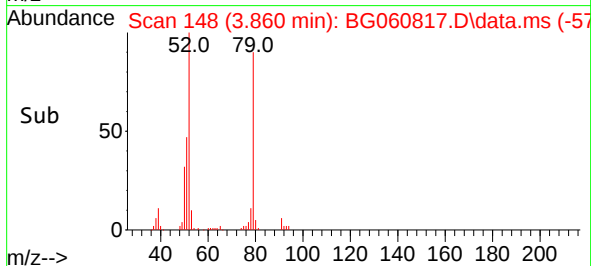
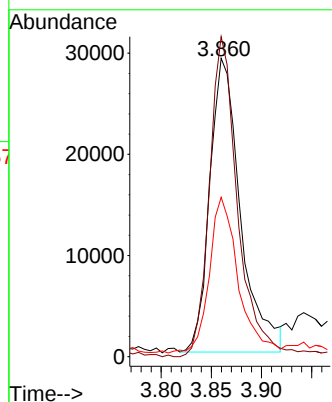


#3
Pyridine
Concen: 11.064 ng
RT: 3.860 min Scan# 14
Delta R.T. 0.005 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

Instrument :
BNA_G
ClientSampleId :

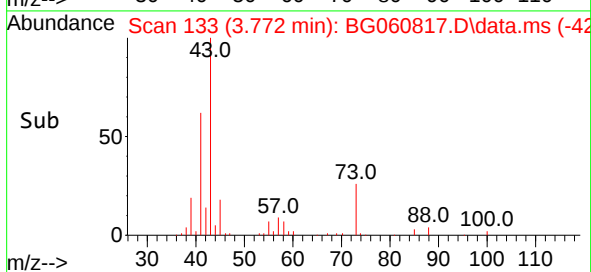
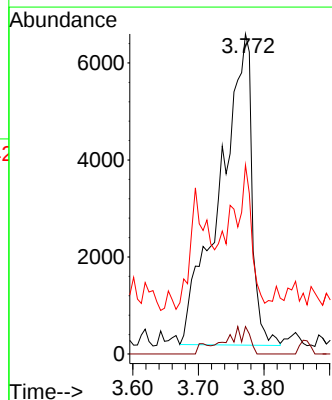
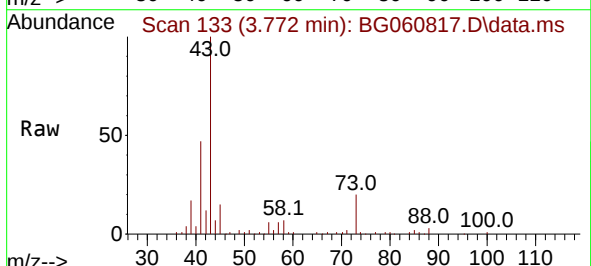


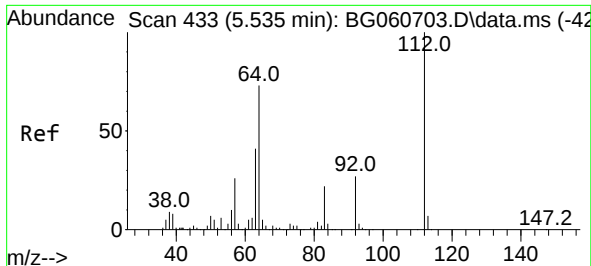
Tgt Ion: 79 Resp: 61991
Ion Ratio Lower Upper
79 100
52 107.2 80.6 120.8
51 53.4 39.1 58.7



#4
n-Nitrosodimethylamine
Concen: 6.451 ng
RT: 3.772 min Scan# 133
Delta R.T. 0.005 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

Tgt Ion: 42 Resp: 21604
Ion Ratio Lower Upper
42 100
74 8.5 77.8 116.8#
44 59.0 6.8 10.2#

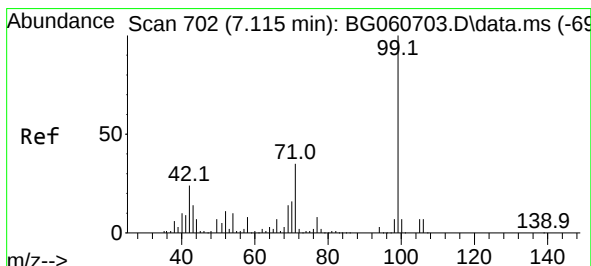
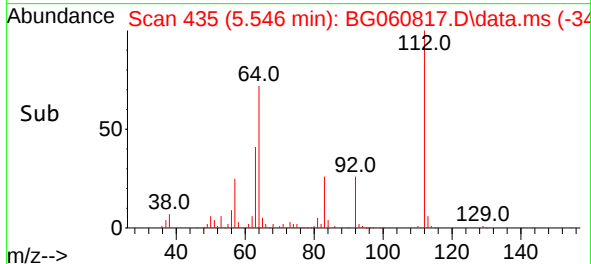
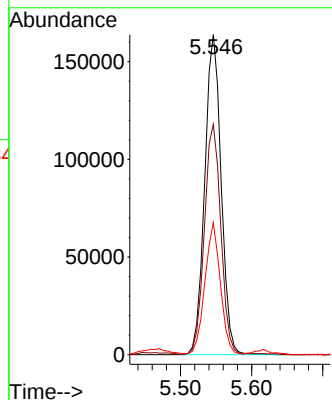
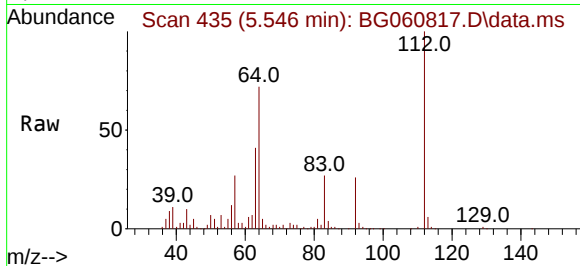




#5
2-Fluorophenol
Concen: 58.144 ng
RT: 5.546 min Scan# 41
Delta R.T. 0.011 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

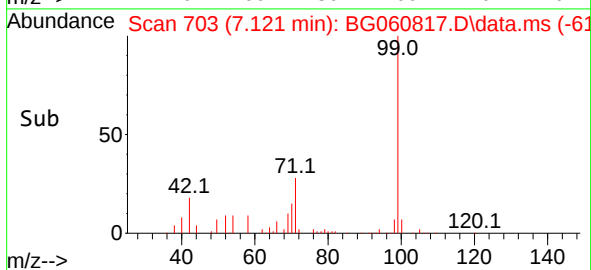
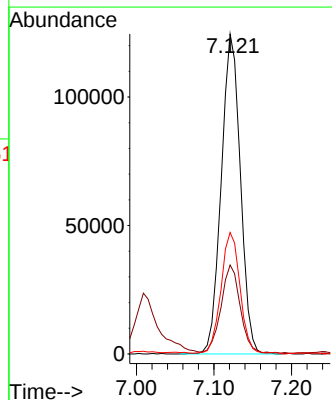
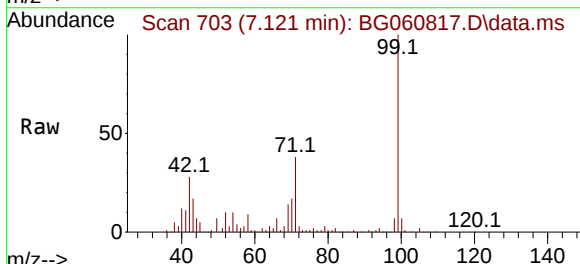
Instrument :
BNA_G
ClientSampleId :

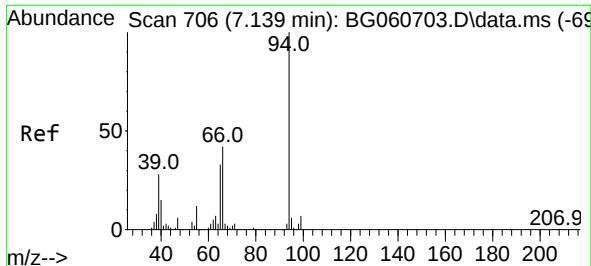
Tgt Ion:112 Resp: 263419
Ion Ratio Lower Upper
112 100
64 71.9 58.4 87.6
63 41.2 32.7 49.1



#7
Phenol-d6
Concen: 31.731 ng
RT: 7.121 min Scan# 703
Delta R.T. 0.005 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

Tgt Ion: 99 Resp: 213388
Ion Ratio Lower Upper
99 100
42 27.8 19.4 29.2
71 37.9 28.2 42.2

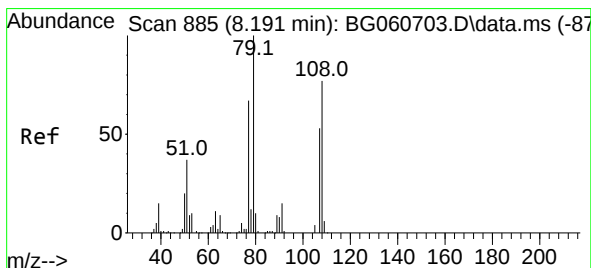
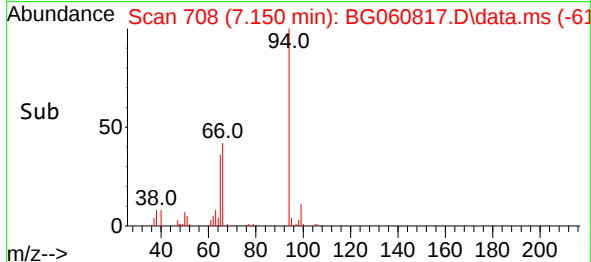
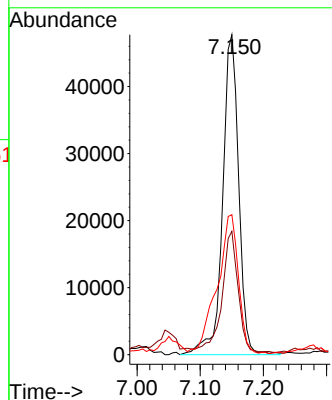
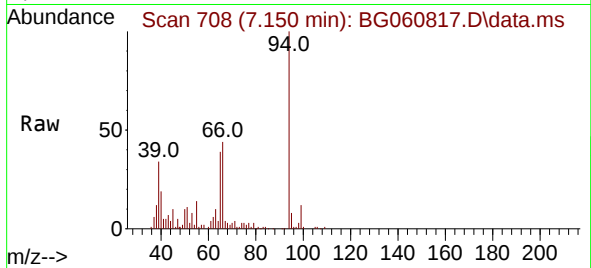




#10
Phenol
Concen: 12.319 ng
RT: 7.150 min Scan# 706
Delta R.T. 0.011 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

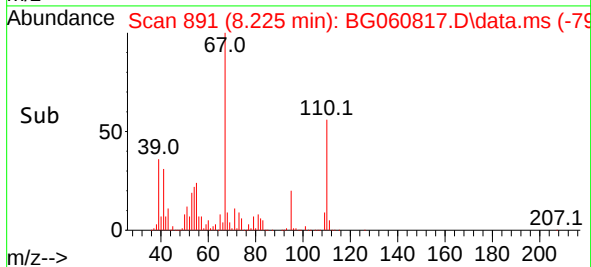
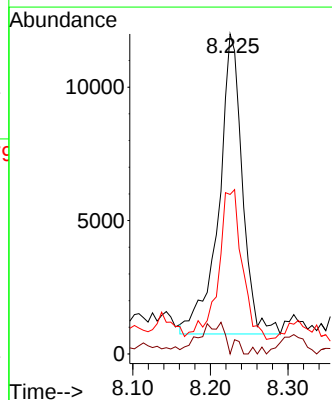
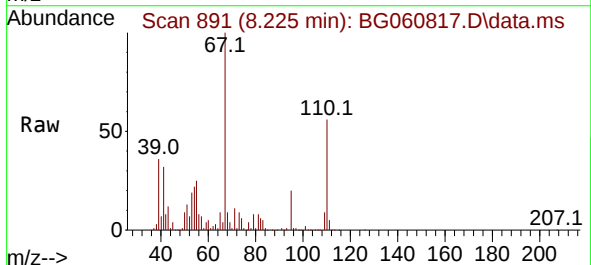
Instrument :
BNA_G
ClientSampleId :

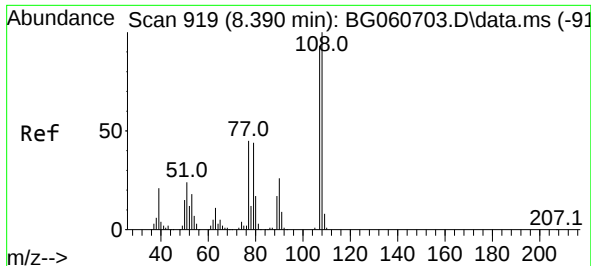
Tgt Ion: 94 Resp: 84547
Ion Ratio Lower Upper
94 100
65 38.5 13.3 53.3
66 43.8 22.9 62.9



#15
Benzyl Alcohol
Concen: 4.356 ng
RT: 8.225 min Scan# 891
Delta R.T. 0.035 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

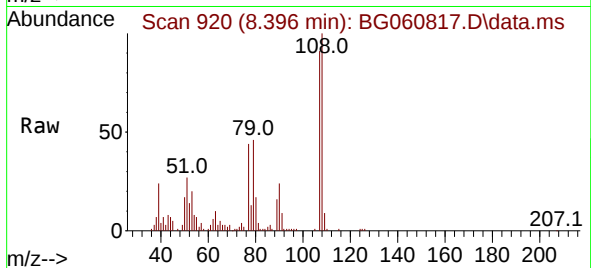
Tgt Ion: 79 Resp: 23726
Ion Ratio Lower Upper
79 100
108 0.0 61.4 92.0#
77 49.9 53.6 80.4#



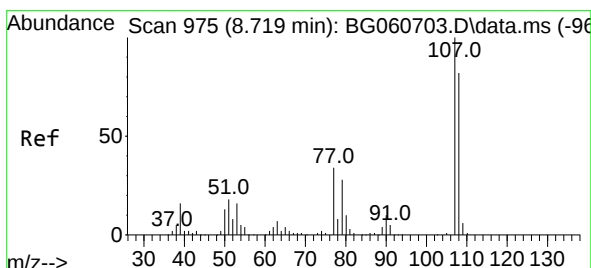
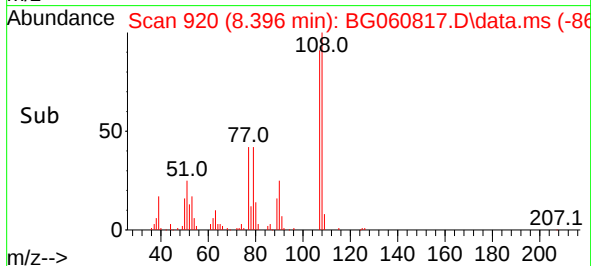
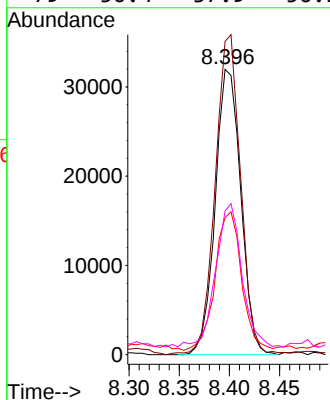


#17
2-Methylphenol
Concen: 10.915 ng
RT: 8.396 min Scan# 919
Delta R.T. 0.005 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

Instrument :
BNA_G
ClientSampleId :

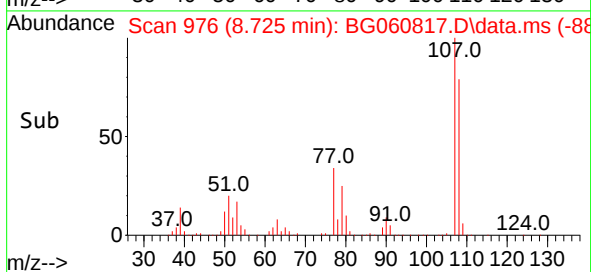
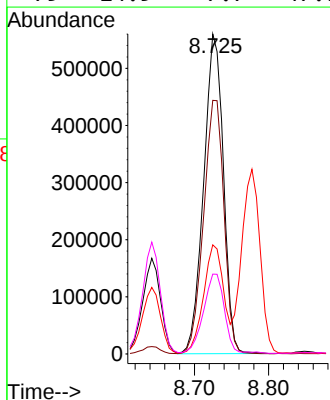
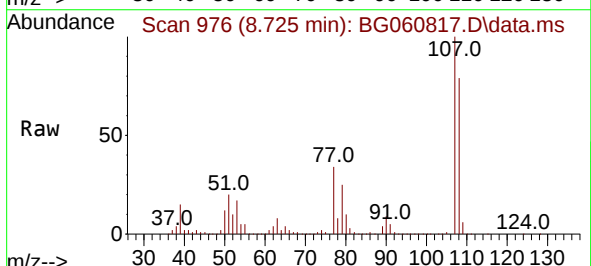


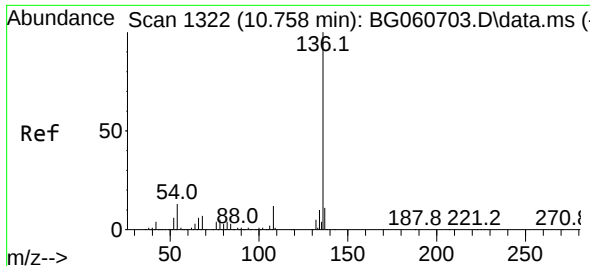
Tgt Ion:	107	Resp:	56553
Ion	Ratio	Lower	Upper
107	100		
108	109.8	86.4	129.6
77	48.0	38.6	58.0
79	50.4	37.9	56.9



#20
3+4-Methylphenols
Concen: 145.703 ng
RT: 8.725 min Scan# 976
Delta R.T. 0.005 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

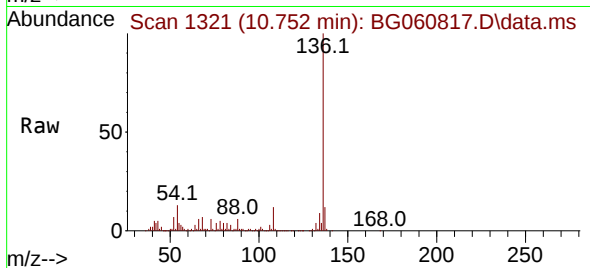
Tgt Ion:	107	Resp:	1033743
Ion	Ratio	Lower	Upper
107	100		
108	79.2	62.2	102.2
77	34.1	14.1	54.1
79	24.9	7.7	47.7



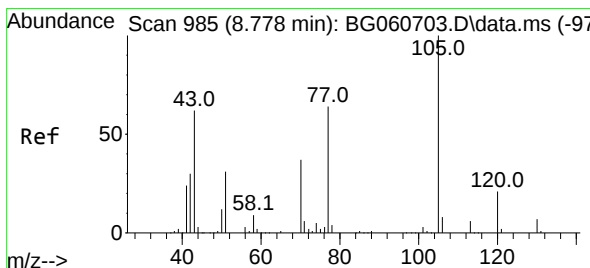
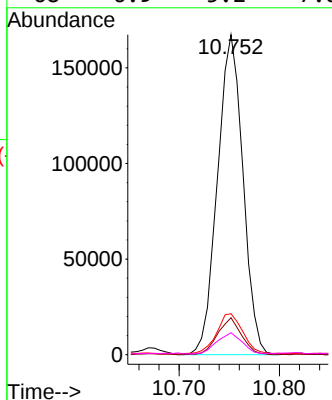
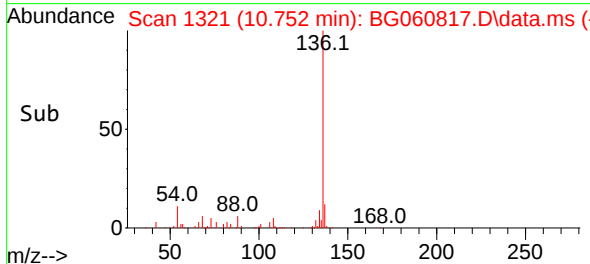


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

Instrument :
BNA_G
ClientSampleId :

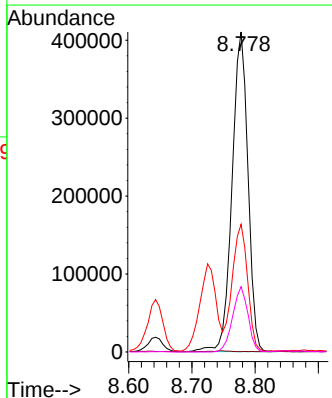
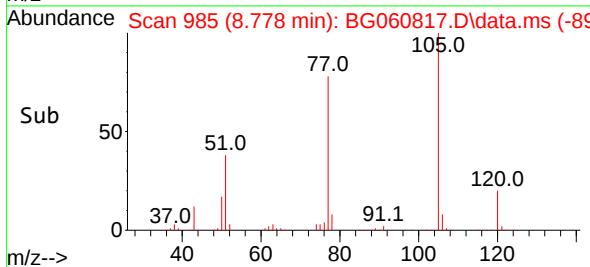
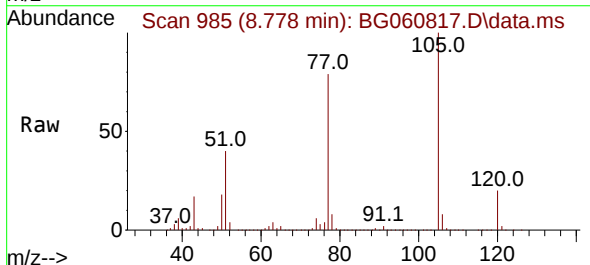


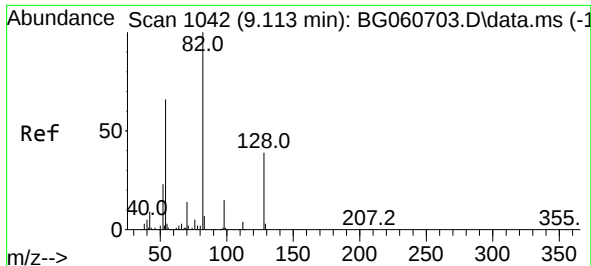
Tgt Ion:136 Resp: 295023
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 12.8 10.2 15.2
68 6.9 5.2 7.8



#22
Acetophenone
Concen: 88.005 ng
RT: 8.778 min Scan# 985
Delta R.T. -0.000 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

Tgt Ion:105 Resp: 715909
Ion Ratio Lower Upper
105 100
71 0.1 4.9 7.3#
51 39.9 31.1 46.7
120 20.4 17.0 25.4





#23

Nitrobenzene-d5

Concen: 104.339 ng

RT: 9.112 min Scan# 1042

Delta R.T. -0.001 min

Lab File: BG060817.D

Acq: 6 Apr 2024 18:56

Instrument :

BNA_G

ClientSampleId :

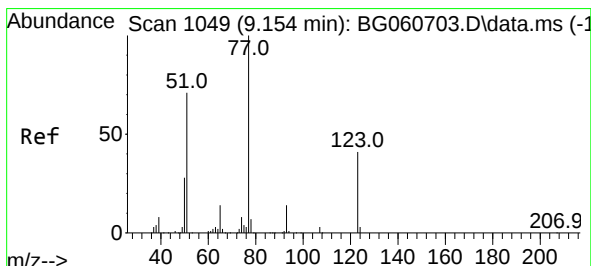
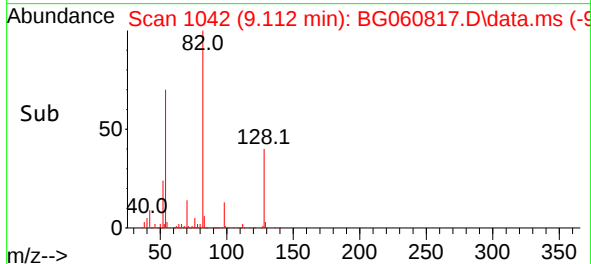
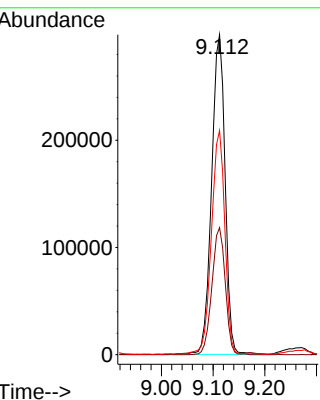
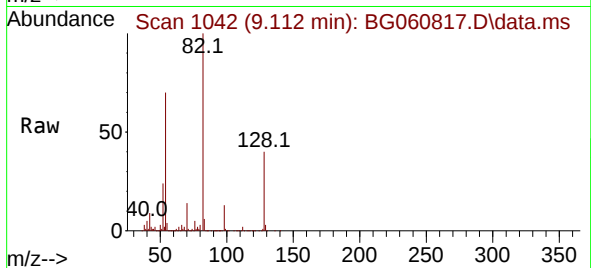
Tgt Ion: 82 Resp: 539459

Ion Ratio Lower Upper

82 100

128 39.7 31.2 46.8

54 70.0 53.2 79.8



#24

Nitrobenzene

Concen: 93.625 ng

RT: 8.778 min Scan# 985

Delta R.T. -0.376 min

Lab File: BG060817.D

Acq: 6 Apr 2024 18:56

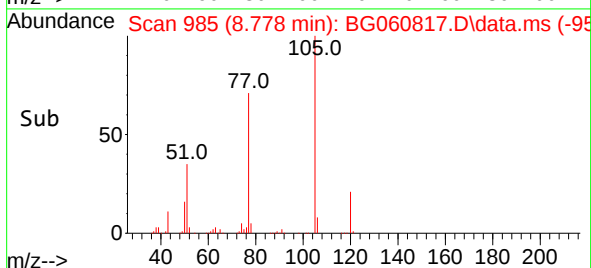
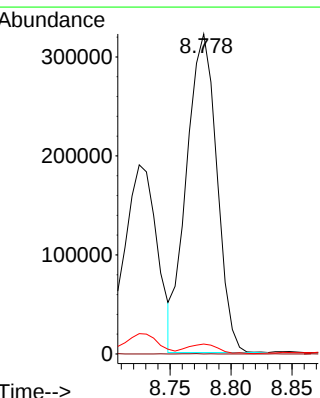
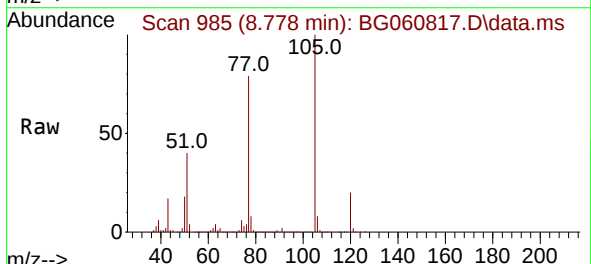
Tgt Ion: 77 Resp: 554920

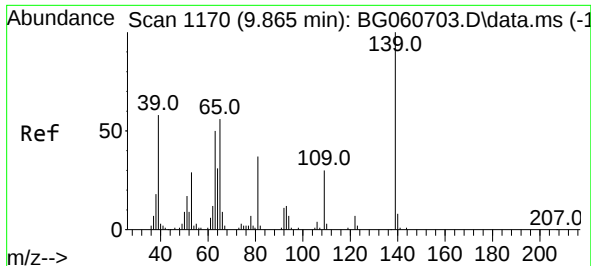
Ion Ratio Lower Upper

77 100

123 0.0 32.7 49.1#

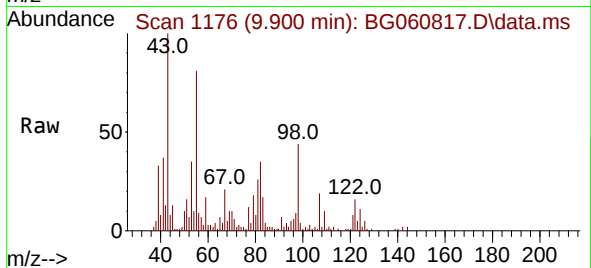
65 3.1 11.3 16.9#



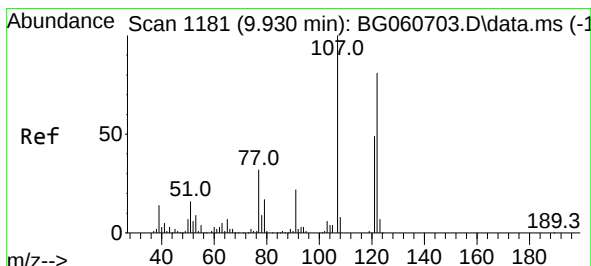
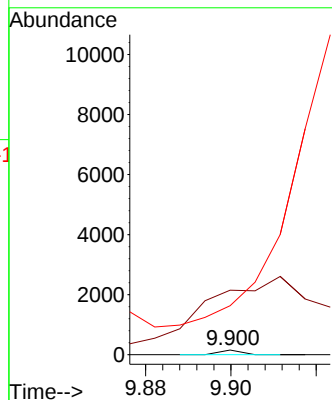
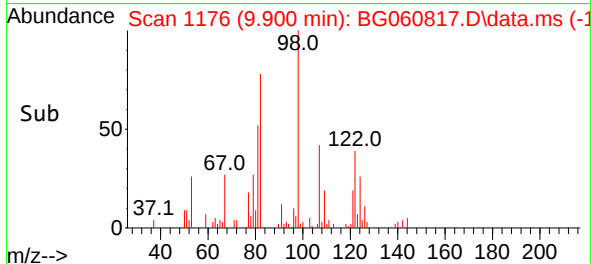


#26
2-Nitrophenol
Concen: 2.989 ng
RT: 9.900 min Scan# 1170
Delta R.T. 0.035 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

Instrument :
BNA_G
ClientSampleId :

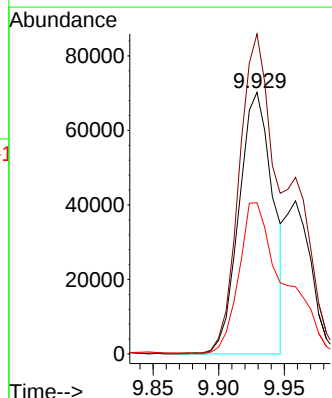
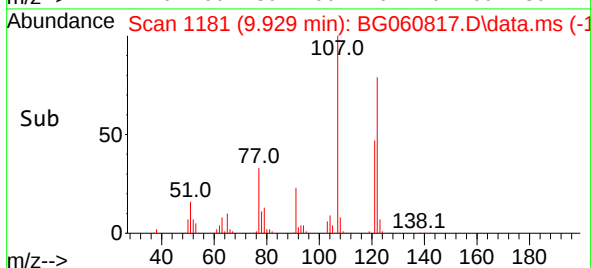
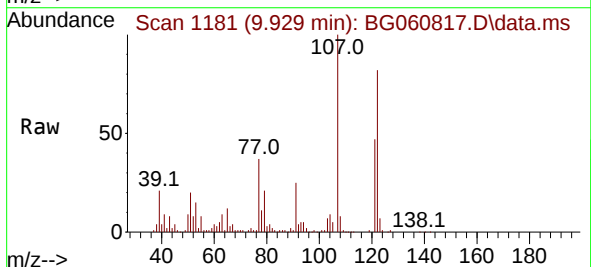


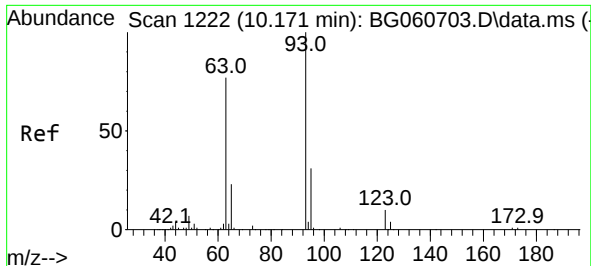
Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 1413.2 23.9 35.9#
65 1074.3 44.5 66.7#



#27
2,4-Dimethylphenol
Concen: 26.491 ng
RT: 9.929 min Scan# 1181
Delta R.T. -0.001 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

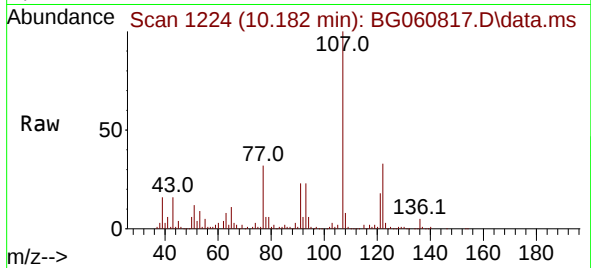
Tgt Ion:122 Resp: 126724
Ion Ratio Lower Upper
122 100
107 122.3 98.6 147.8
121 57.8 48.1 72.1



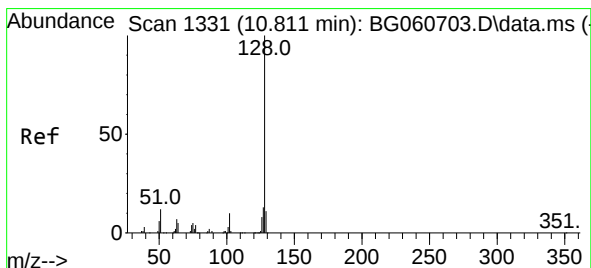
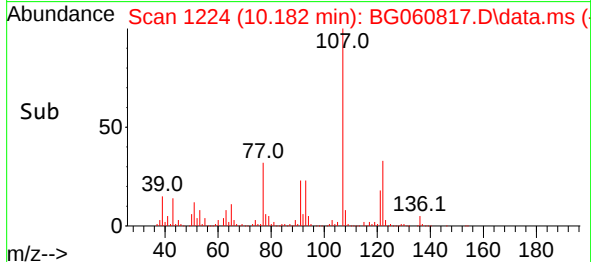
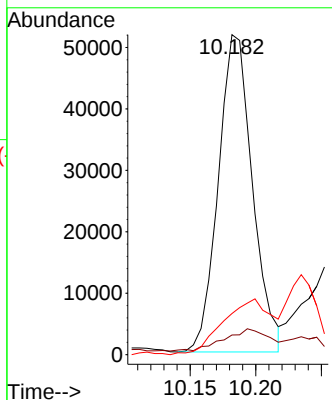


#28
bis(2-Chloroethoxy)methane
Concen: 13.315 ng
RT: 10.182 min Scan# 11
Delta R.T. 0.011 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

Instrument :
BNA_G
ClientSampleId :

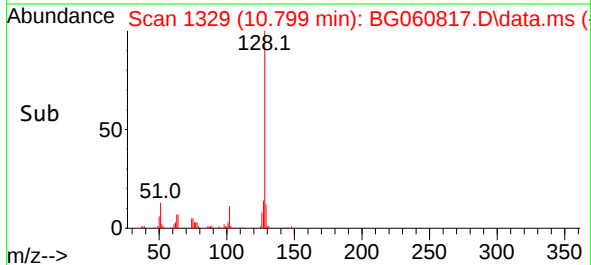
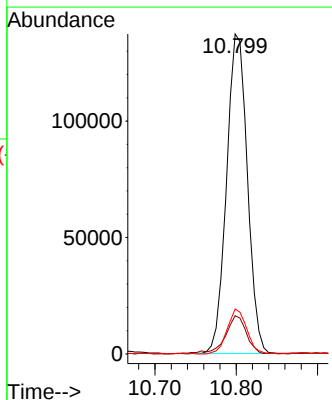
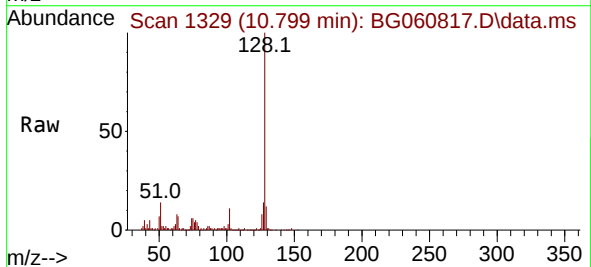


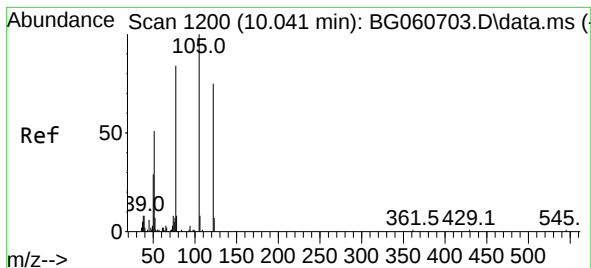
Tgt Ion: 93 Resp: 93614
Ion Ratio Lower Upper
93 100
95 6.2 25.1 37.7#
123 12.9 8.0 12.0#



#31
Naphthalene
Concen: 15.333 ng
RT: 10.799 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

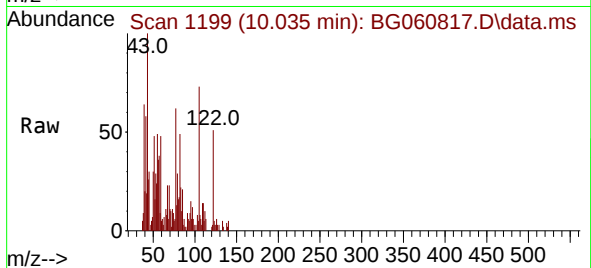
Tgt Ion:128 Resp: 244693
Ion Ratio Lower Upper
128 100
129 12.0 8.5 12.7
127 14.1 10.5 15.7



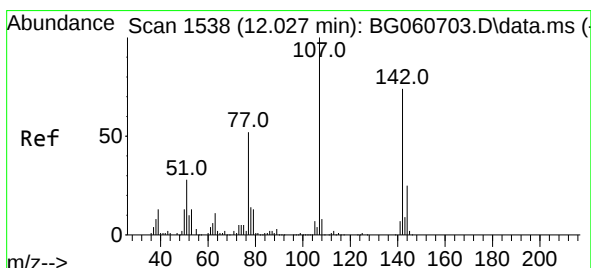
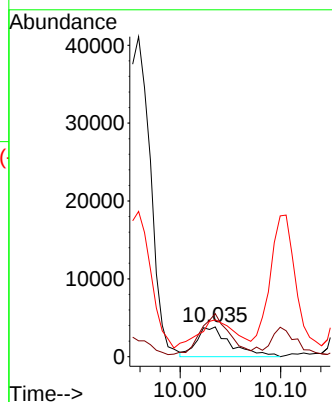
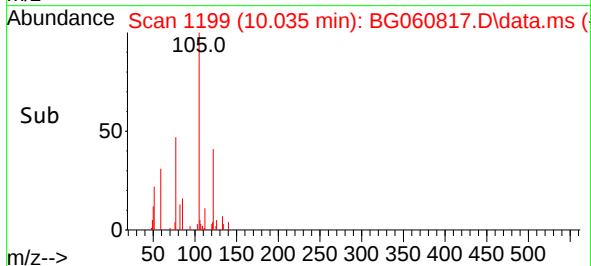


#32
Benzoic acid
Concen: 9.238 ng
RT: 10.035 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

Instrument :
BNA_G
ClientSampleId :

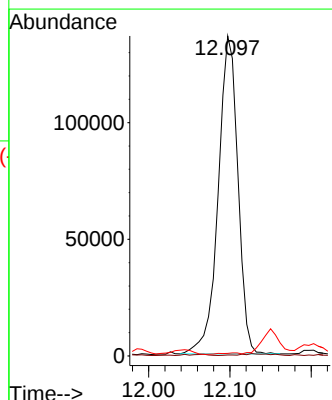
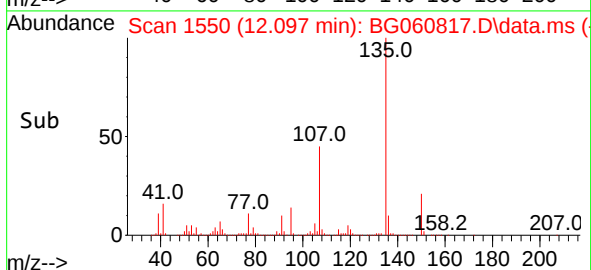
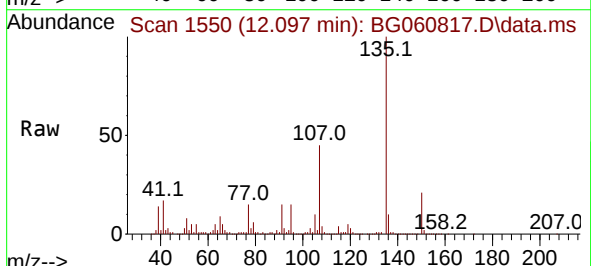


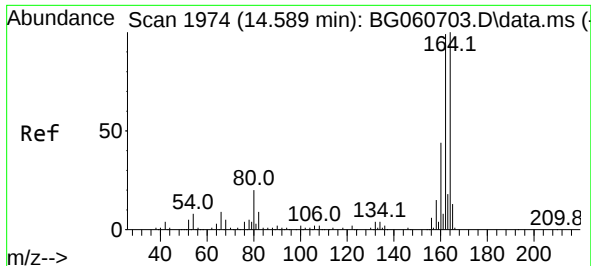
Tgt Ion:122 Resp: 8913
Ion Ratio Lower Upper
122 100
105 144.7 104.5 144.5#
77 123.6 85.3 125.3



#36
4-Chloro-3-methylphenol
Concen: 40.966 ng
RT: 12.097 min Scan# 1550
Delta R.T. 0.070 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

Tgt Ion:107 Resp: 229883
Ion Ratio Lower Upper
107 100
144 0.3 20.0 30.0#
142 0.8 59.2 88.8#

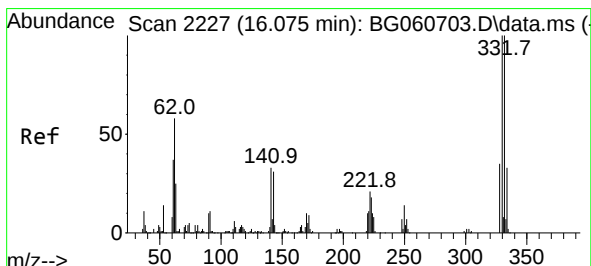
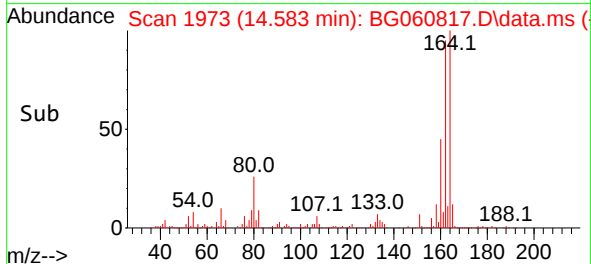
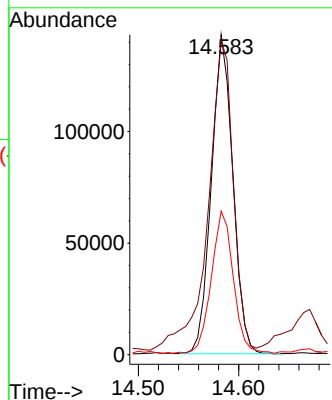
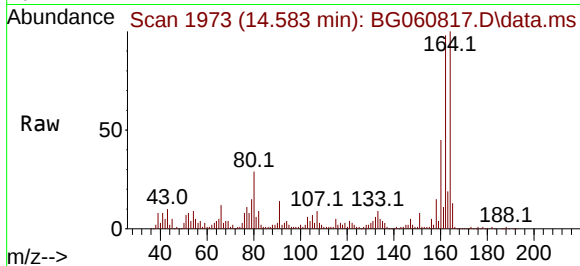




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

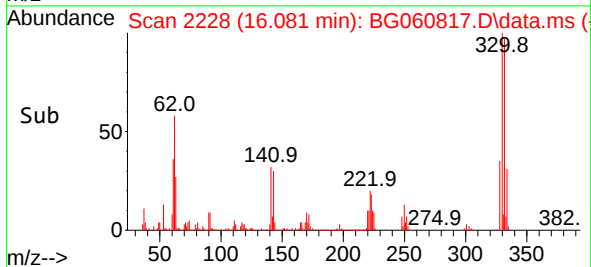
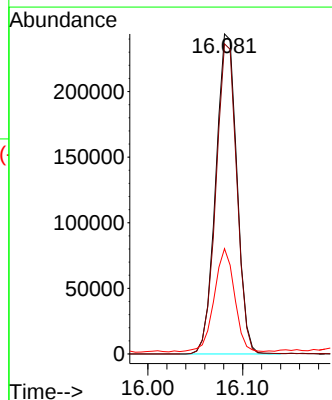
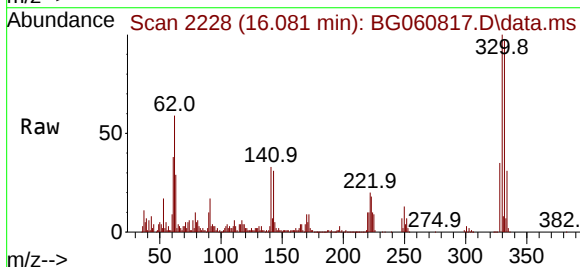
Instrument :
BNA_G
ClientSampleId :

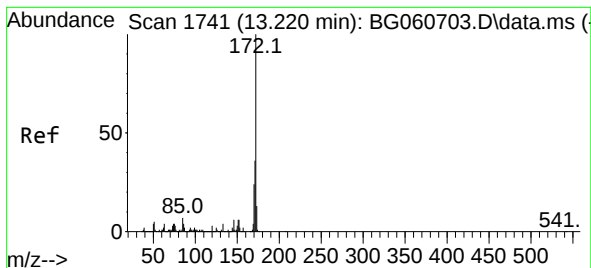
Tgt Ion:164 Resp: 212214
Ion Ratio Lower Upper
164 100
162 98.2 79.5 119.3
160 44.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 156.582 ng
RT: 16.081 min Scan# 2228
Delta R.T. 0.005 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

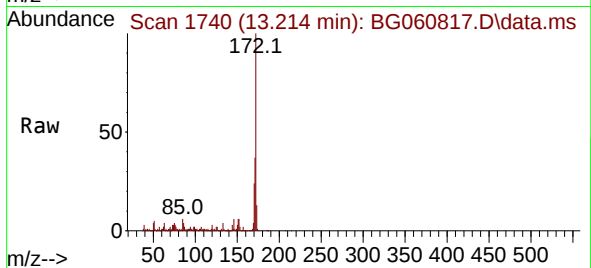
Tgt Ion:330 Resp: 377201
Ion Ratio Lower Upper
330 100
332 95.9 78.2 117.4
141 31.1 27.0 40.6



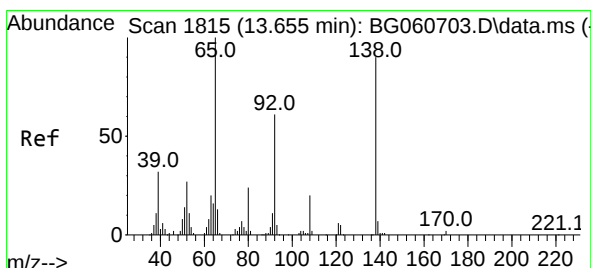
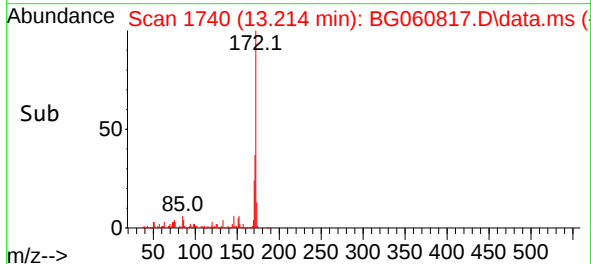
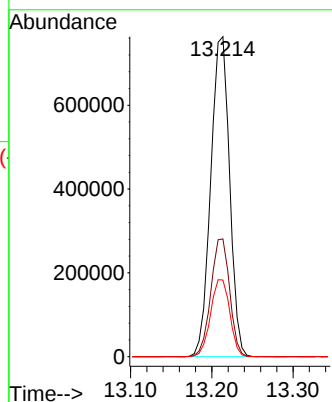


#45
2-Fluorobiphenyl
Concen: 84.977 ng
RT: 13.214 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

Instrument :
BNA_G
ClientSampleId :

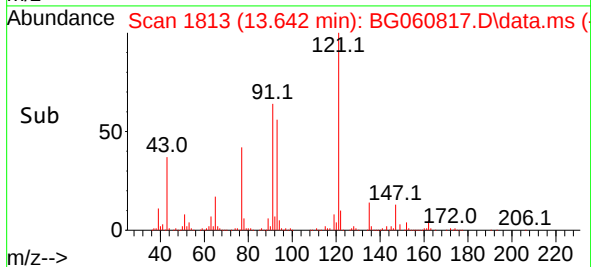
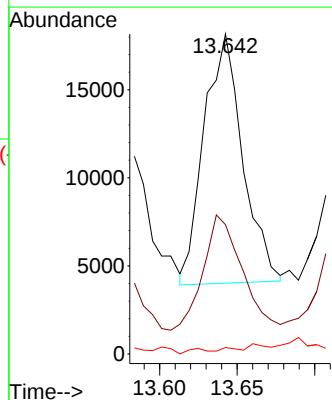
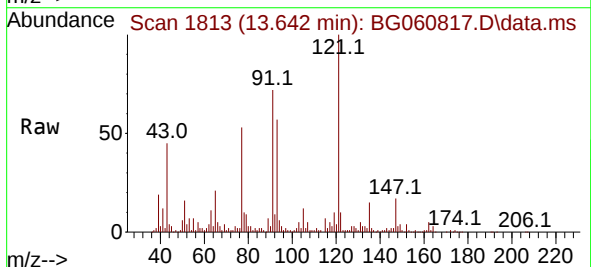


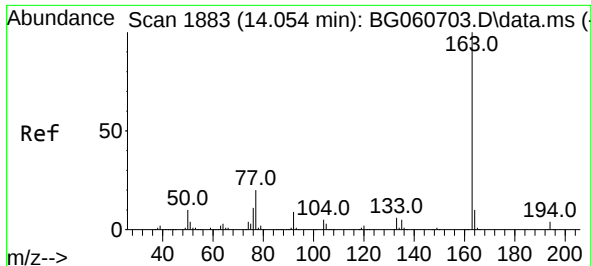
Tgt Ion:172 Resp: 1228744
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 23.9 19.4 29.0



#48
2-Nitroaniline
Concen: 9.673 ng
RT: 13.642 min Scan# 1813
Delta R.T. -0.013 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

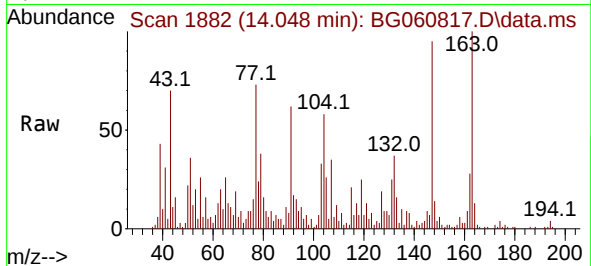
Tgt Ion: 65 Resp: 24474
Ion Ratio Lower Upper
65 100
92 40.4 48.6 72.8#
138 2.0 72.2 108.4#



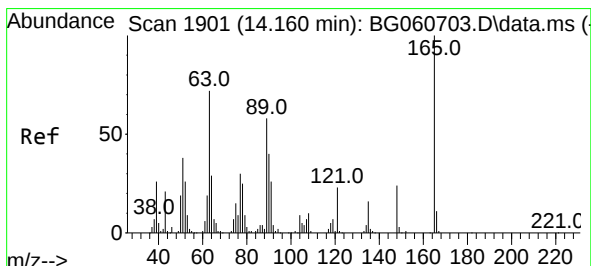
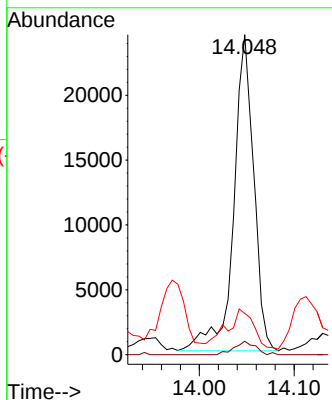
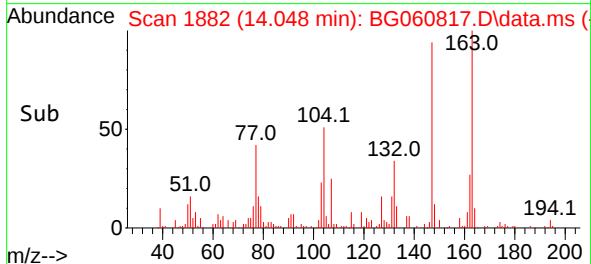


#50
Dimethylphthalate
Concen: 2.141 ng
RT: 14.048 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

Instrument :
BNA_G
ClientSampleId :

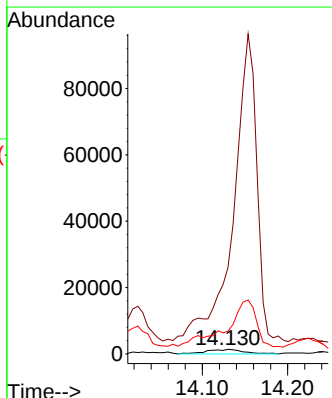
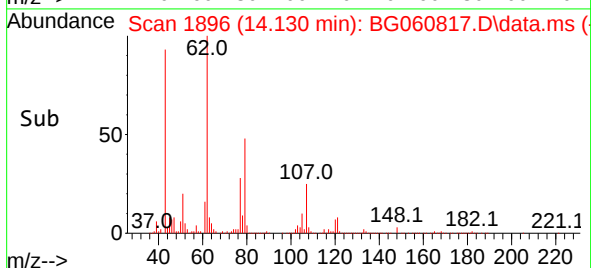
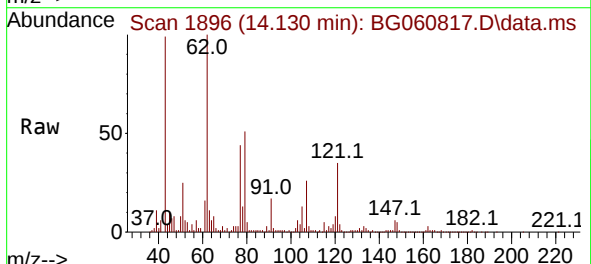


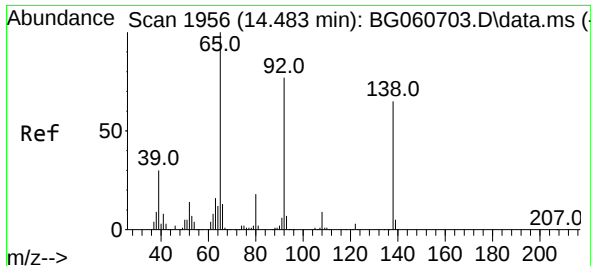
Tgt Ion:163 Resp: 35916
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 12.9 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 4.805 ng
RT: 14.130 min Scan# 1896
Delta R.T. -0.030 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

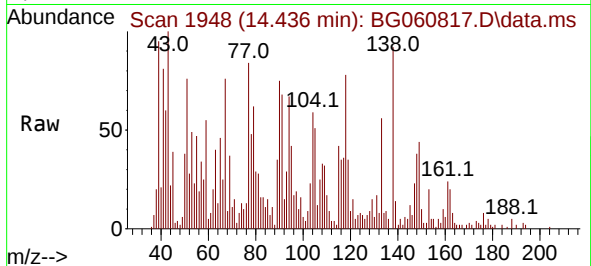
Tgt Ion:165 Resp: 4246
Ion Ratio Lower Upper
165 100
63 1873.2 58.2 87.4#
89 493.8 46.1 69.1#



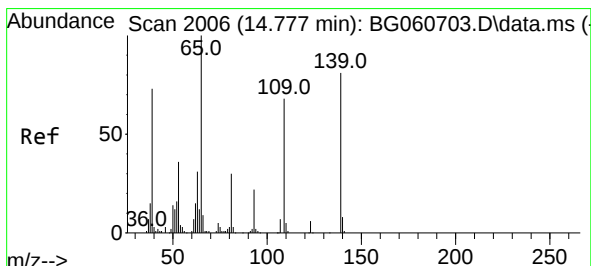
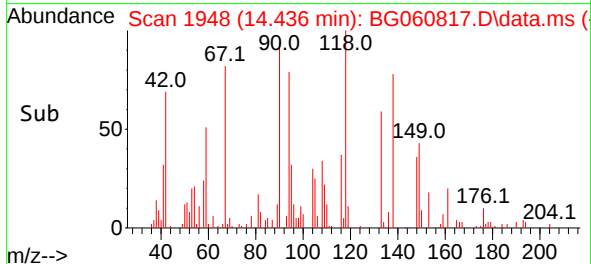
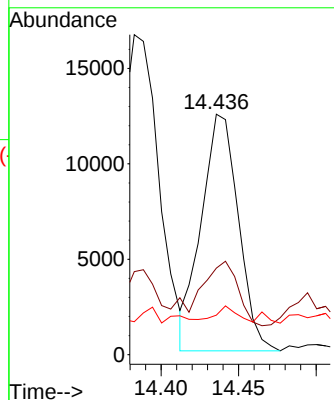


#53
3-Nitroaniline
Concen: 8.753 ng
RT: 14.436 min Scan# 1956
Delta R.T. -0.047 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

Instrument :
BNA_G
ClientSampleId :

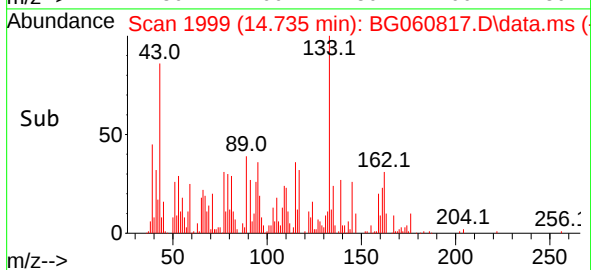
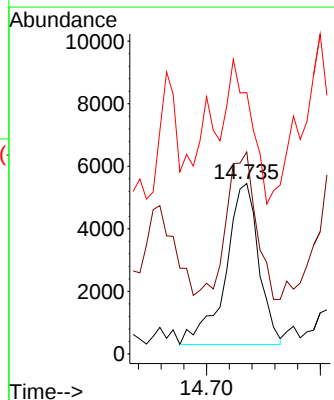
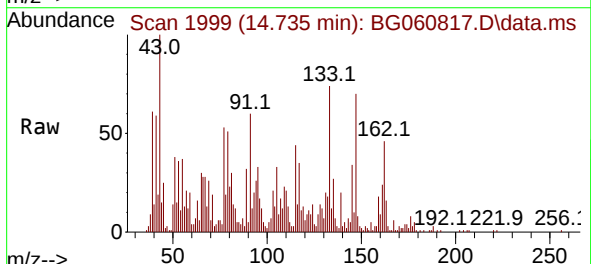


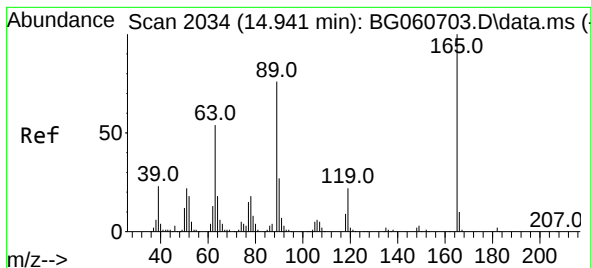
Tgt Ion:138 Resp: 20672
Ion Ratio Lower Upper
138 100
108 36.0 11.3 16.9#
92 16.5 94.1 141.1#



#56
4-Nitrophenol
Concen: 4.247 ng
RT: 14.735 min Scan# 1999
Delta R.T. -0.042 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

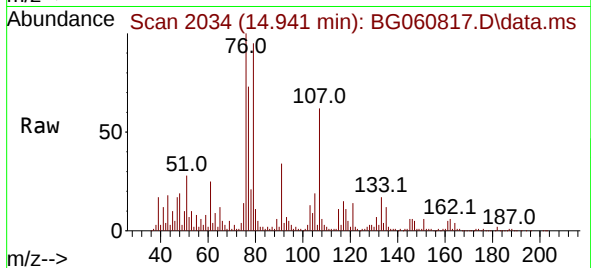
Tgt Ion:139 Resp: 10414
Ion Ratio Lower Upper
139 100
109 118.7 64.0 104.0#
65 153.5 104.3 144.3#



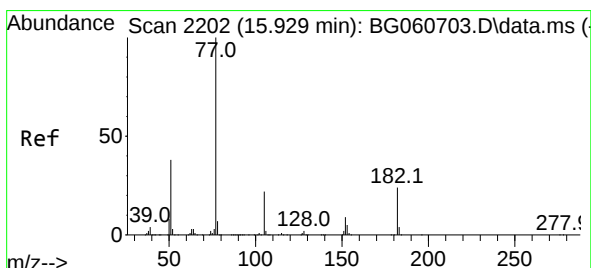
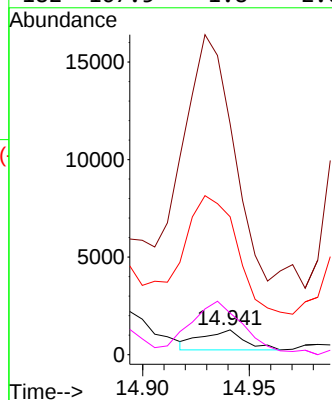
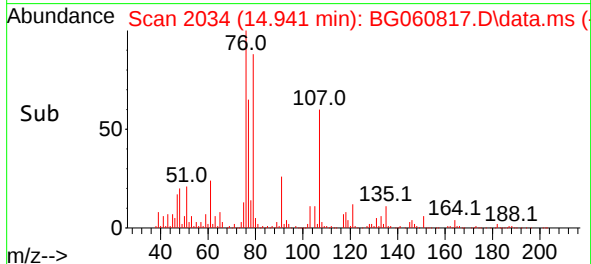


#57
2,4-Dinitrotoluene
Concen: 3.603 ng
RT: 14.941 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

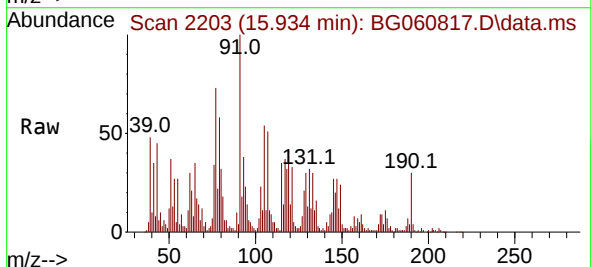
Instrument :
BNA_G
ClientSampleId :



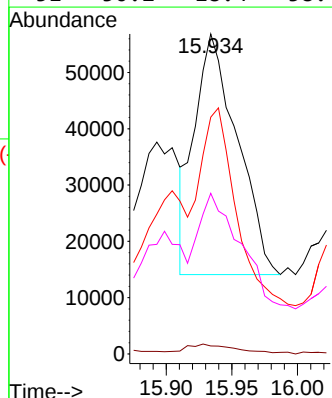
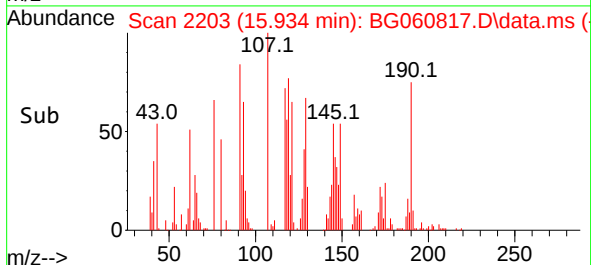
Tgt Ion:165 Resp: 1438
Ion Ratio Lower Upper
165 100
63 930.3 43.4 65.0#
89 555.4 61.0 91.6#
182 167.5 1.8 2.6#

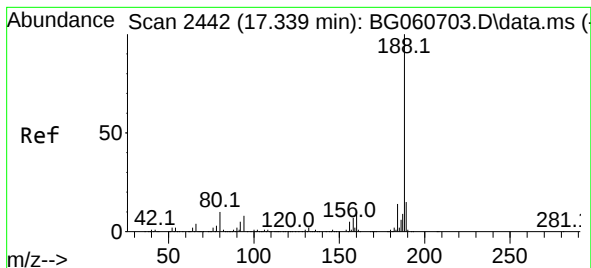


#63
Azobenzene
Concen: 5.889 ng
RT: 15.934 min Scan# 2203
Delta R.T. 0.005 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56



Tgt Ion: 77 Resp: 96834
Ion Ratio Lower Upper
77 100
182 2.5 3.9 43.9#
105 74.0 1.7 41.7#
51 50.2 18.4 58.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.332 min Scan# 2441

Delta R.T. -0.006 min

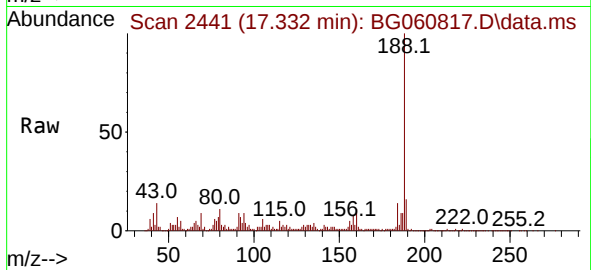
Lab File: BG060817.D

Acq: 6 Apr 2024 18:56

Instrument :

BNA_G

ClientSampleId :



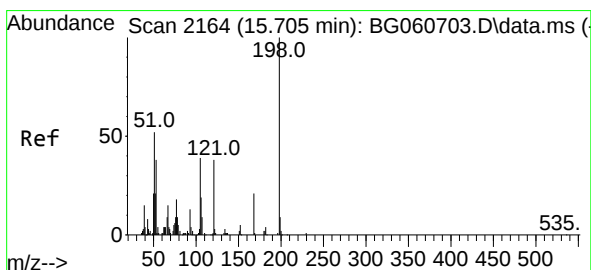
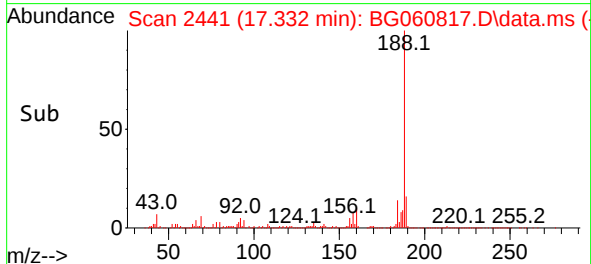
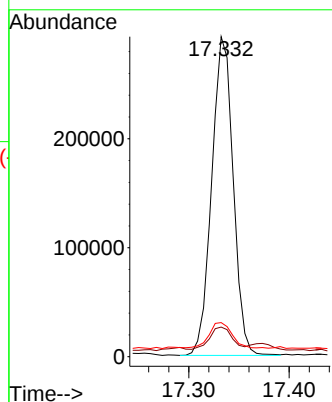
Tgt Ion:188 Resp: 434031

Ion Ratio Lower Upper

188 100

94 9.3 6.6 9.8

80 10.7 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 7.059 ng

RT: 15.699 min Scan# 2163

Delta R.T. -0.006 min

Lab File: BG060817.D

Acq: 6 Apr 2024 18:56

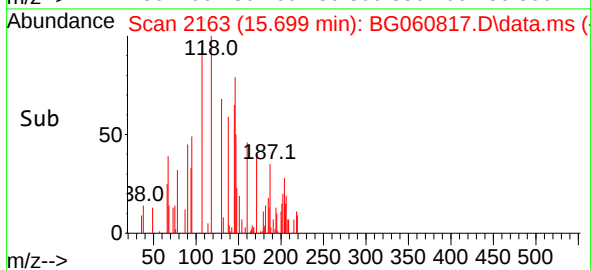
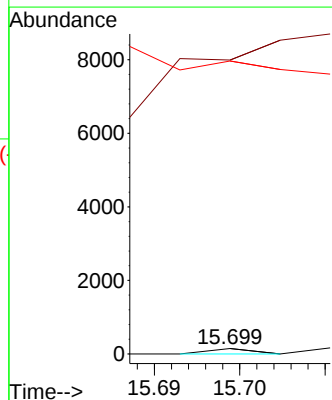
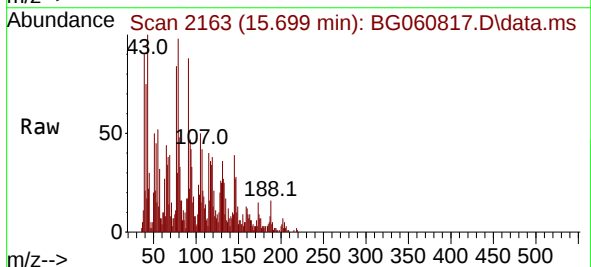
Tgt Ion:198 Resp: 53

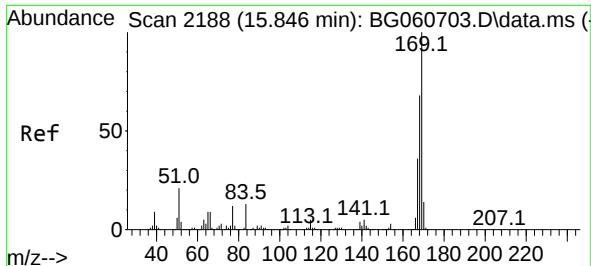
Ion Ratio Lower Upper

198 100

51 5327.3 36.7 76.7#

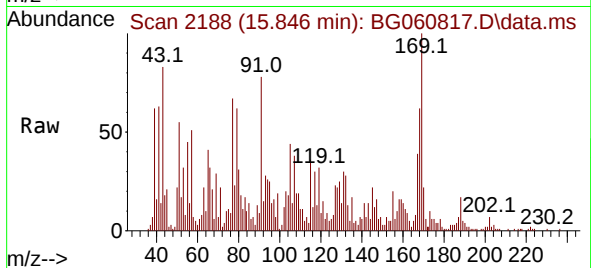
105 5311.3 19.1 59.1#



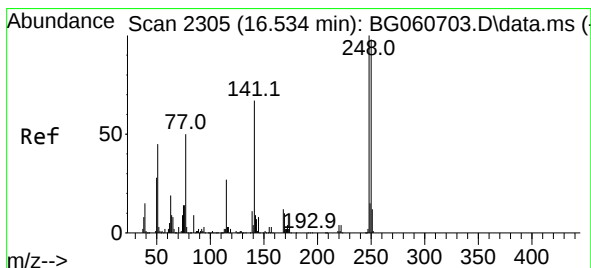
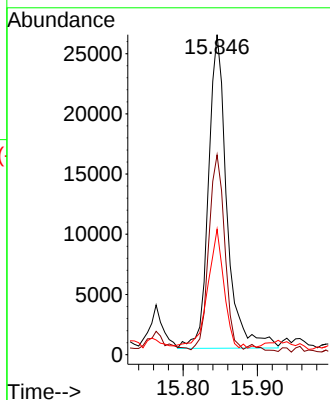
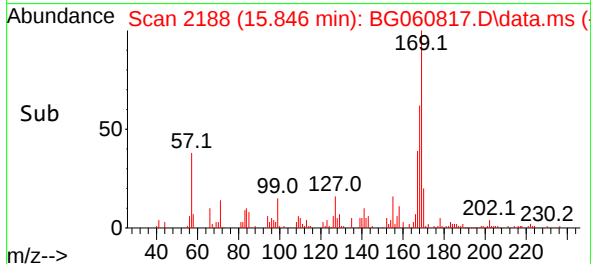


#66
n-Nitrosodiphenylamine
Concen: 3.632 ng
RT: 15.846 min Scan# 2188
Delta R.T. -0.001 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

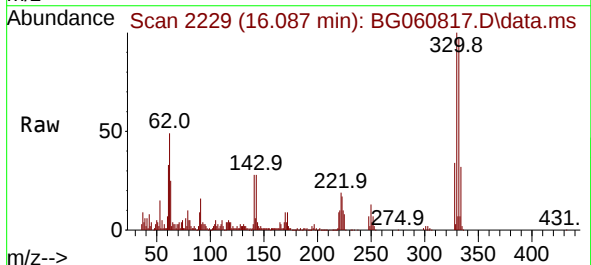
Instrument :
BNA_G
ClientSampleId :



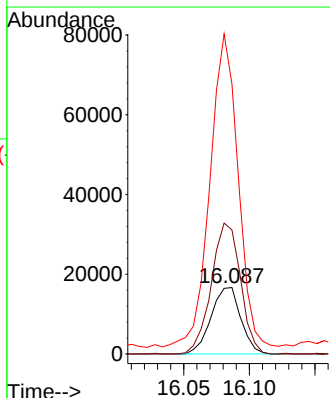
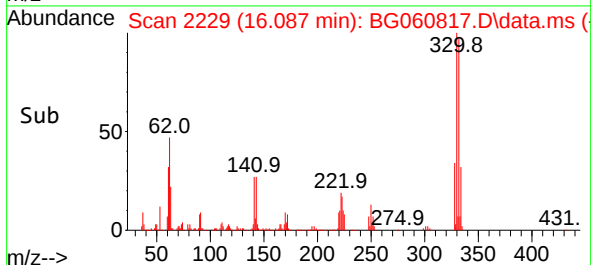
Tgt Ion:169 Resp: 45052
Ion Ratio Lower Upper
169 100
168 62.4 54.5 81.7
167 39.2 29.2 43.8

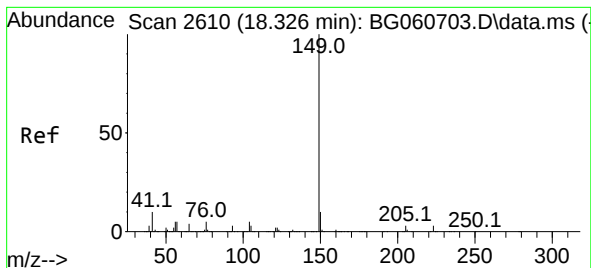


#67
4-Bromophenyl-phenylether
Concen: 5.942 ng
RT: 16.087 min Scan# 2229
Delta R.T. -0.447 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56



Tgt Ion:248 Resp: 26172
Ion Ratio Lower Upper
248 100
250 187.0 78.3 117.5#
141 407.1 53.7 80.5#





#74

Di-n-butylphthalate

Concen: 45.756 ng

RT: 18.319 min Scan# 2

Delta R.T. -0.007 min

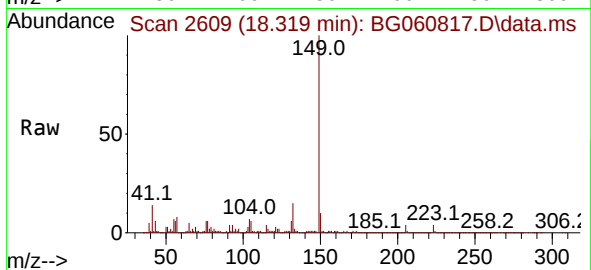
Lab File: BG060817.D

Acq: 6 Apr 2024 18:56

Instrument :

BNA_G

ClientSampleId :



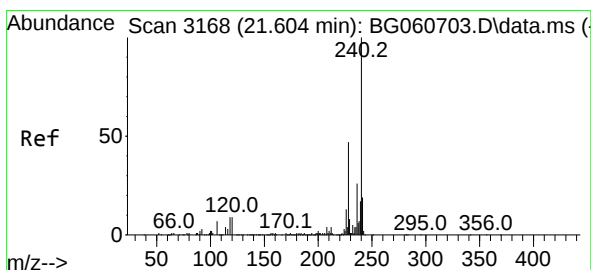
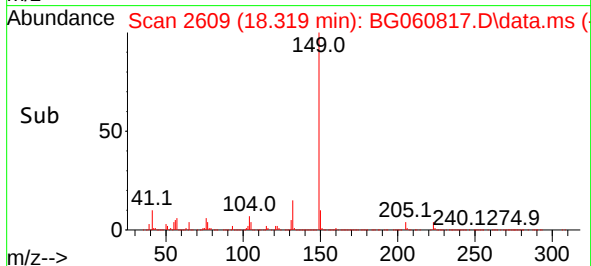
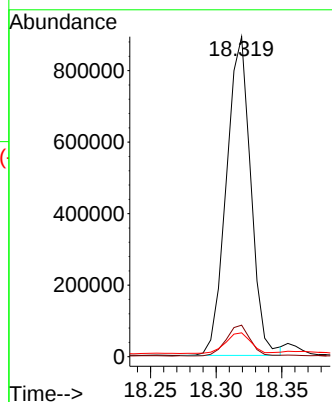
Tgt Ion:149 Resp: 1152996

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

104 7.4 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.598 min Scan# 3167

Delta R.T. -0.006 min

Lab File: BG060817.D

Acq: 6 Apr 2024 18:56

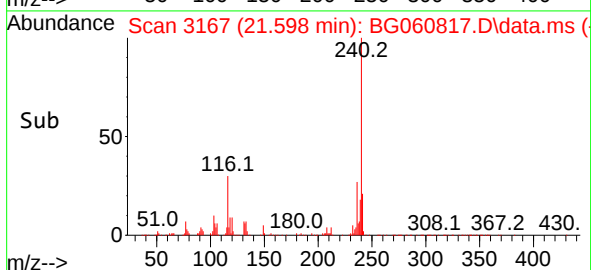
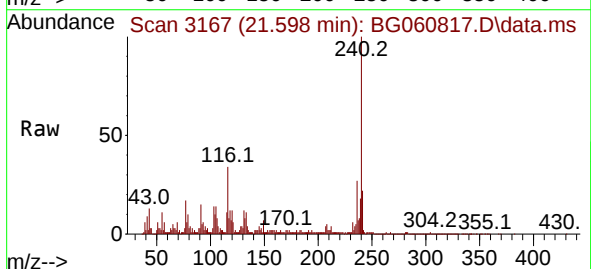
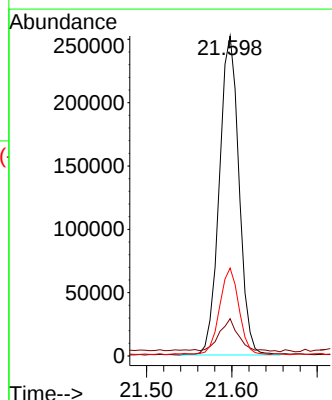
Tgt Ion:240 Resp: 404335

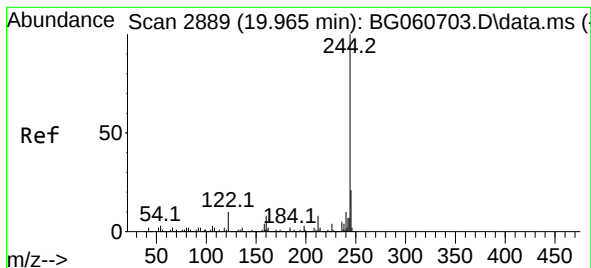
Ion Ratio Lower Upper

240 100

120 11.7 7.1 10.7#

236 27.4 20.7 31.1





#79

Terphenyl-d14

Concen: 77.436 ng

RT: 19.959 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060817.D

Acq: 6 Apr 2024 18:56

Instrument :

BNA_G

ClientSampleId :

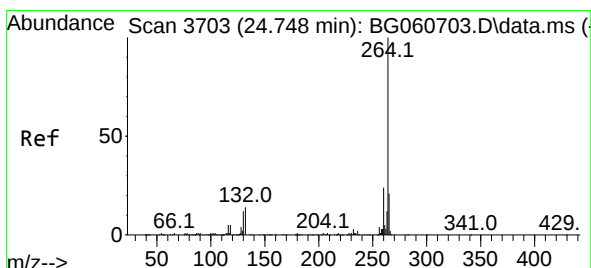
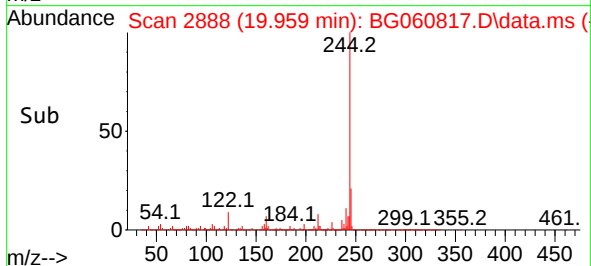
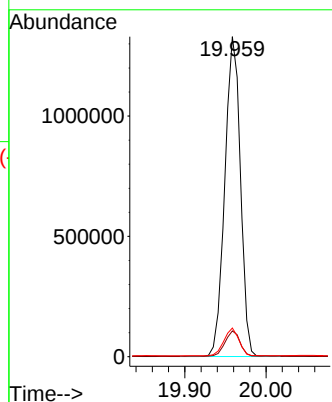
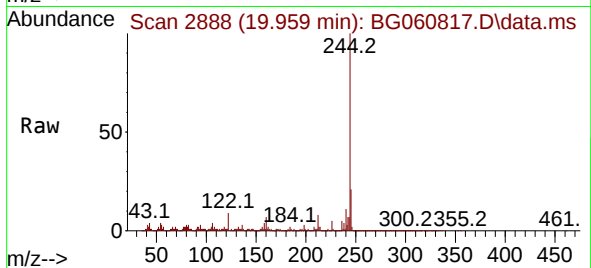
Tgt Ion:244 Resp: 1778146

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

122 8.9 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.741 min Scan# 3702

Delta R.T. -0.006 min

Lab File: BG060817.D

Acq: 6 Apr 2024 18:56

Tgt Ion:264 Resp: 498271

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 22.0 16.9 25.3

