

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032924\
 Data File : BG060708.D
 Acq On : 29 Mar 2024 18:12
 Operator : MA/JU
 Sample : PB159778TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159778TB

Quant Time: Mar 30 02:28:58 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 02:24:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	52636	20.000	ng	0.00
21) Naphthalene-d8	10.756	136	220113	20.000	ng	0.00
39) Acenaphthene-d10	14.587	164	163769	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	441552	20.000	ng	0.00
76) Chrysene-d12	21.596	240	460192	20.000	ng	0.00
86) Perylene-d12	24.739	264	525929	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	446787	141.405	ng	0.00
7) Phenol-d6	7.113	99	614917	131.109	ng	0.00
23) Nitrobenzene-d5	9.111	82	342295	88.736	ng	0.00
42) 2,4,6-Tribromophenol	16.073	330	276032	148.481	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	940282	84.264	ng	0.00
79) Terphenyl-d14	19.963	244	2172689	83.134	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.429	88	54	0.042	ng	# 9
3) Pyridine	3.870	79	66	0.017	ng	# 62
4) n-Nitrosodimethylamine	3.746	42	203	0.087	ng	# 1
6) Aniline	7.272	93	66	0.011	ng	# 9
8) 2-Chlorophenol	7.507	128	56	0.016	ng	# 31
9) Benzaldehyde	7.119	77	1275	0.493	ng	# 3
10) Phenol	7.119	94	62	0.013	ng	# 1
11) bis(2-Chloroethyl)ether	7.272	93	66	0.017	ng	# 13
15) Benzyl Alcohol	8.112	79	65	0.017	ng	# 14
16) 2,2'-oxybis(1-Chloropr...	8.406	45	55	0.006	ng	# 77
17) 2-Methylphenol	8.206	107	54	0.015	ng	# 12
19) n-Nitroso-di-n-propyla...	9.111	70	44704	12.499	ng	# 78
20) 3+4-Methylphenols	9.005	107	60	0.012	ng	# 23
22) Acetophenone	8.981	105	56	0.009	ng	# 46
24) Nitrobenzene	9.111	77	1446	3.090	ng	# 15
25) Isophorone	9.528	82	56	0.006	ng	# 67
28) bis(2-Chloroethoxy)met...	10.339	93	55	0.010	ng	# 50
31) Naphthalene	10.521	128	56	0.005	ng	# 1
35) Caprolactam	11.320	113	59	0.045	ng	# 1
37) 2-Methylnaphthalene	12.037	142	63	0.007	ng	# 14
46) 1,1'-Biphenyl	13.218	154	1492	0.129	ng	# 1
48) 2-Nitroaniline	13.212	65	1722	5.042	ng	# 2
51) 2,6-Dinitrotoluene	14.587	165	21419	12.063	ng	# 19
52) Acenaphthene	14.587	154	630	0.068	ng	# 3
55) Dibenzofuran	15.139	168	55	0.004	ng	# 45
57) 2,4-Dinitrotoluene	14.587	165	21419	10.419	ng	# 20
58) Fluorene	16.067	166	9730	0.829	ng	# 93
59) 2,3,4,6-Tetrachlorophenol	14.851	232	66	0.021	ng	# 41
61) 4-Chlorophenyl-phenyle...	15.186	204	54	0.009	ng	# 28
62) 4-Nitroaniline	16.067	138	67	0.028	ng	# 1
63) Azobenzene	15.938	77	63	0.005	ng	# 45
65) 4,6-Dinitro-2-methylph...	15.991	198	68	7.066	ng	# 49
66) n-Nitrosodiphenylamine	16.073	169	8942	0.709	ng	# 43
67) 4-Bromophenyl-phenylether	16.073	248	19233	4.292	ng	# 1
68) Hexachlorobenzene	17.101	284	79	0.016	ng	# 43
69) Atrazine	16.790	200	60	0.014	ng	# 36

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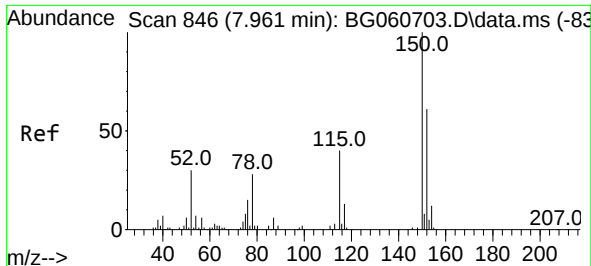
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

70) Pentachlorophenol	16.919	266	285	0.086	ng	# 18
71) Phenanthrene	17.383	178	63	0.003	ng	# 60
72) Anthracene	17.383	178	63	0.003	ng	# 60
73) Carbazole	17.724	167	673	0.033	ng	# 58
74) Di-n-butylphthalate	18.312	149	245	0.010	ng	# 77
75) Fluoranthene	19.316	202	55	0.002	ng	# 64
77) Benzidine	19.569	184	2008	0.166	ng	# 83
78) Pyrene	19.751	202	1092	0.034	ng	# 57
80) Butylbenzylphthalate	20.656	149	86	0.007	ng	# 9
81) Benzo(a)anthracene	21.596	228	2125	0.066	ng	# 82
82) 3,3'-Dichlorobenzidine	21.496	252	61	0.006	ng	# 70
83) Chrysene	21.643	228	1227	0.039	ng	# 57
84) Bis(2-ethylhexyl)phtha...	21.531	149	529	0.028	ng	# 67
85) Di-n-octyl phthalate	22.748	149	341	0.011	ng	# 68
87) Indeno(1,2,3-cd)pyrene	28.306	276	710	0.019	ng	# 55
88) Benzo(b)fluoranthene	23.746	252	890	0.029	ng	# 60
89) Benzo(k)fluoranthene	23.811	252	637	0.021	ng	# 60
90) Benzo(a)pyrene	24.581	252	614	0.021	ng	# 61
91) Dibenzo(a,h)anthracene	28.382	278	61	0.002	ng	# 56
92) Benzo(g,h,i)perylene	29.416	276	78	0.003	ng	# 55

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

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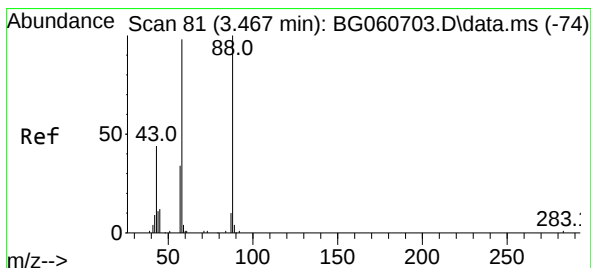
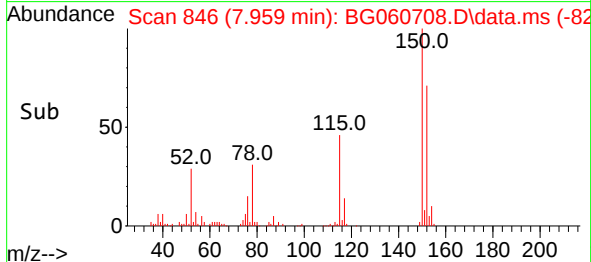
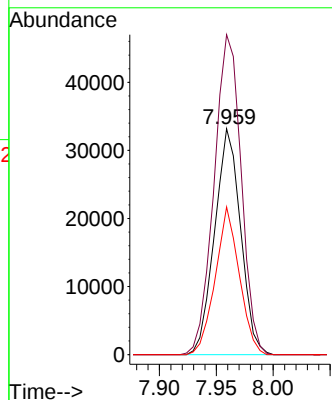
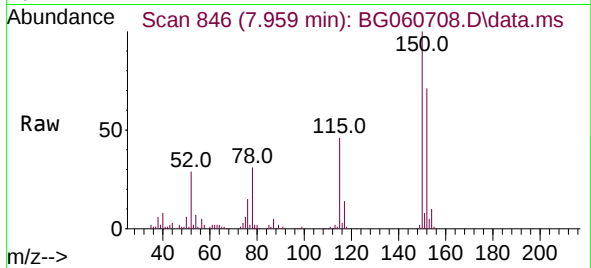




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.959 min Scan# 84
Delta R.T. -0.002 min
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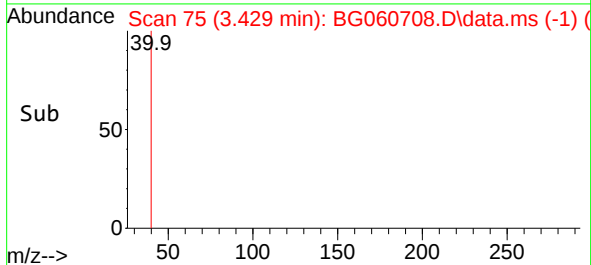
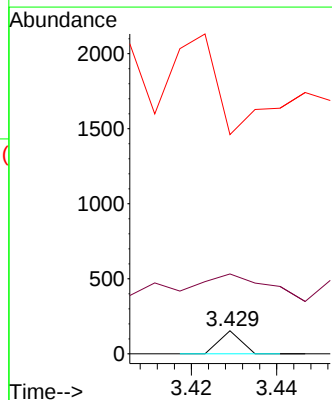
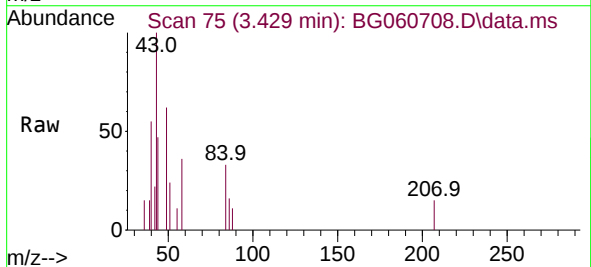
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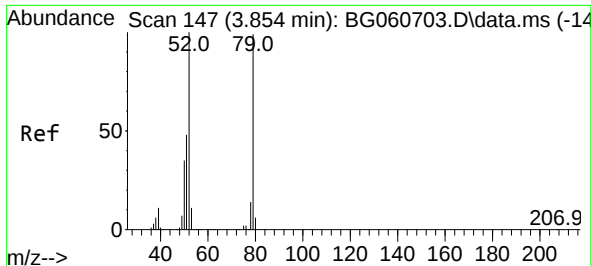
Tgt Ion:152 Resp: 52636
Ion Ratio Lower Upper
152 100
150 141.7 130.2 195.4
115 65.3 51.6 77.4



#2
1,4-Dioxane
Concen: 0.042 ng
RT: 3.429 min Scan# 75
Delta R.T. -0.038 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
58 0.0 80.9 121.3#
43 0.0 35.4 53.0#

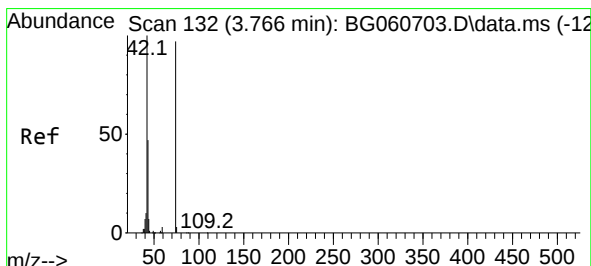
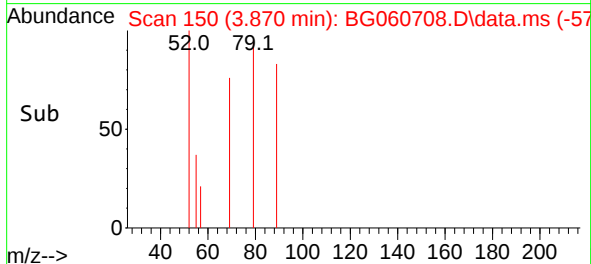
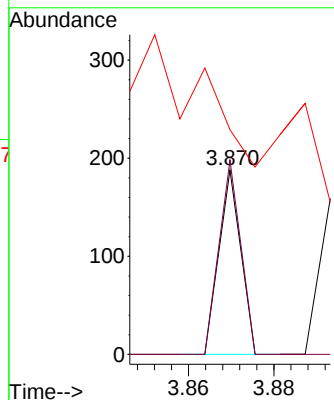
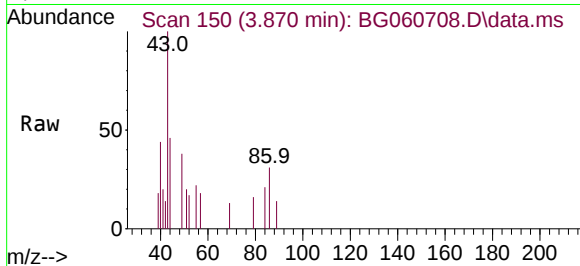




#3
Pyridine
Concen: 0.017 ng
RT: 3.870 min Scan# 11
Delta R.T. 0.015 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

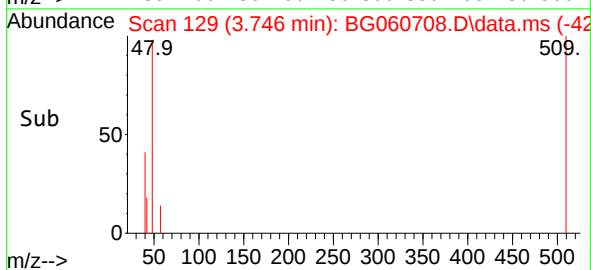
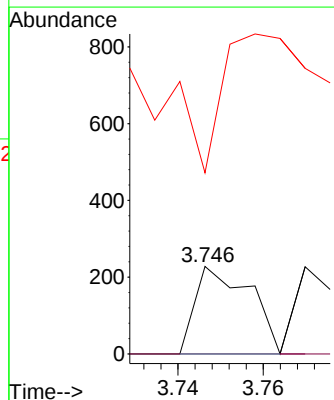
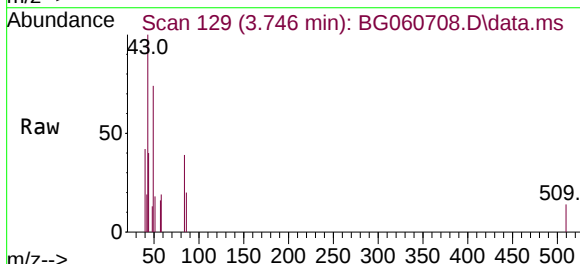
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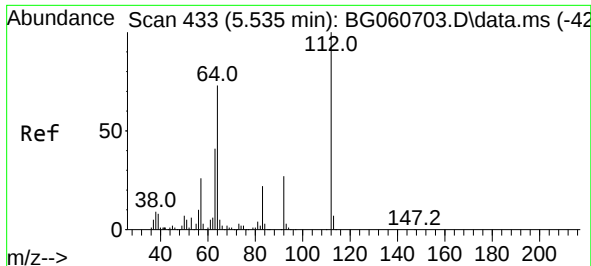
Tgt Ion: 79 Resp: 66
Ion Ratio Lower Upper
79 100
52 105.3 80.6 120.8
51 121.8 39.1 58.7#



#4
n-Nitrosodimethylamine
Concen: 0.087 ng
RT: 3.746 min Scan# 129
Delta R.T. -0.020 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion: 42 Resp: 203
Ion Ratio Lower Upper
42 100
74 0.0 77.8 116.8#
44 207.0 6.8 10.2#

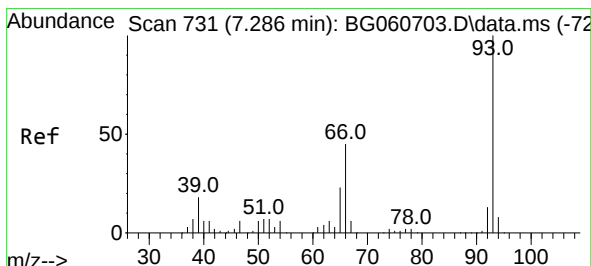
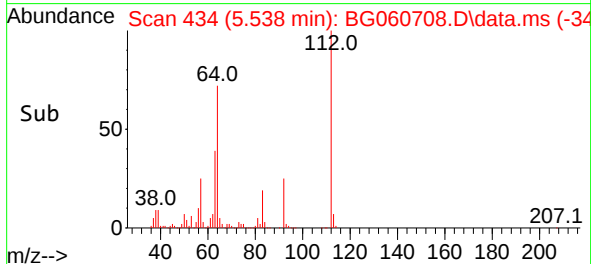
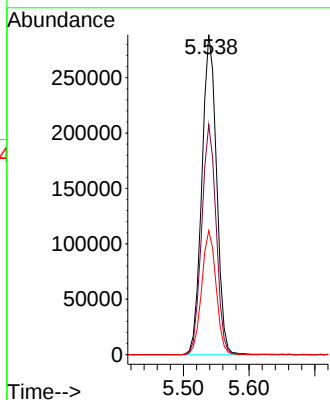
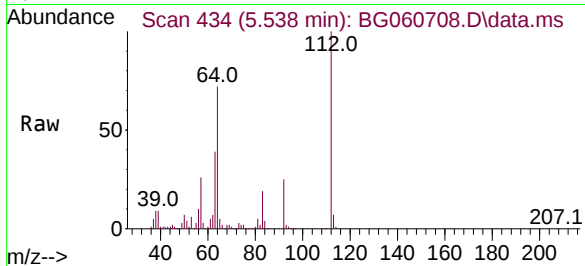




#5
2-Fluorophenol
Concen: 141.405 ng
RT: 5.538 min Scan# 433
Delta R.T. 0.003 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

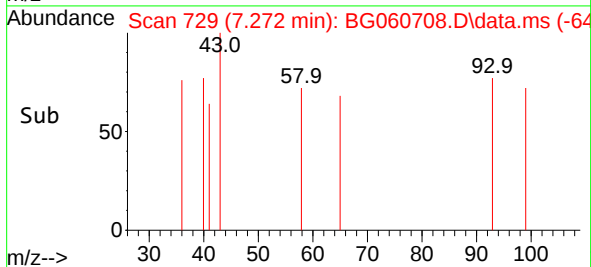
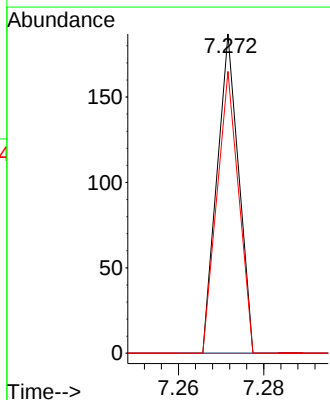
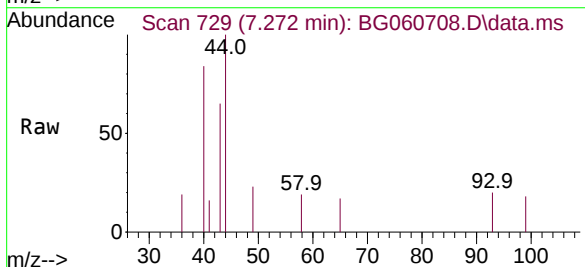
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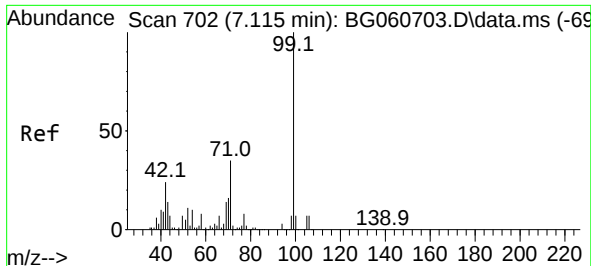
Tgt Ion:112 Resp: 446787
Ion Ratio Lower Upper
112 100
64 71.9 58.4 87.6
63 38.7 32.7 49.1



#6
Aniline
Concen: 0.011 ng
RT: 7.272 min Scan# 729
Delta R.T. -0.014 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion: 93 Resp: 66
Ion Ratio Lower Upper
93 100
66 0.0 36.1 54.1#
65 88.2 18.1 27.1#

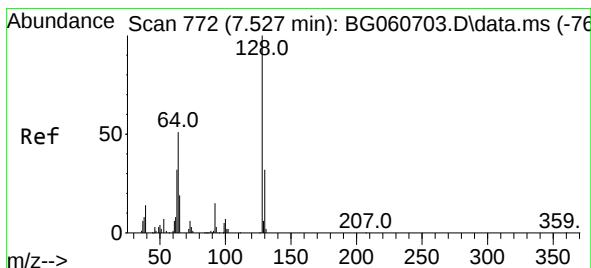
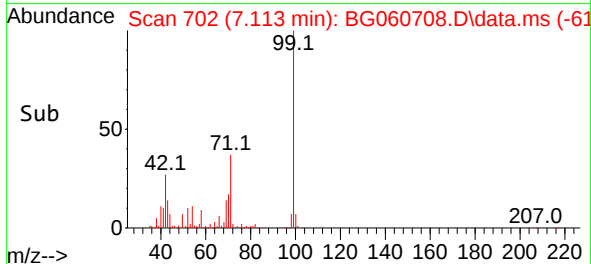
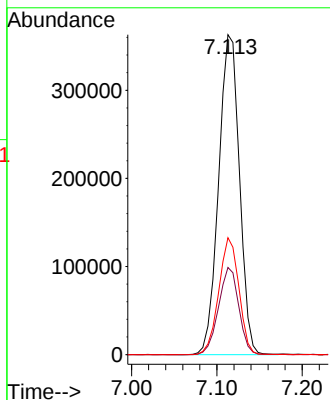
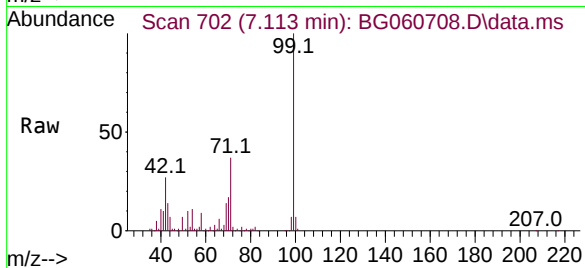




#7
Phenol-d6
Concen: 131.109 ng
RT: 7.113 min Scan# 702
Delta R.T. -0.002 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

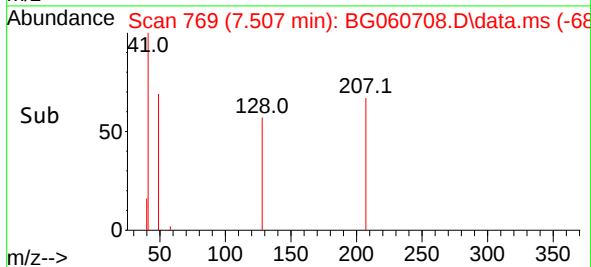
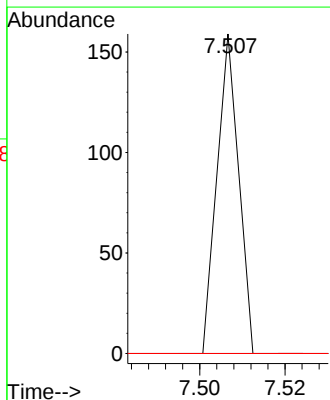
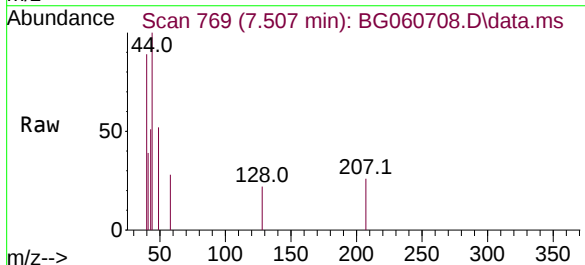
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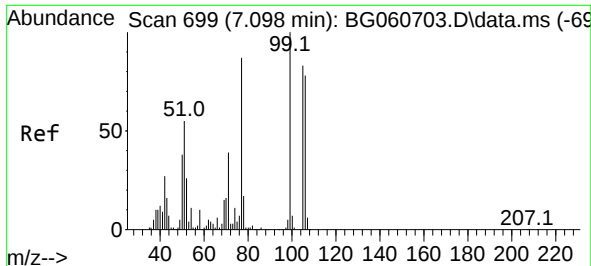
Tgt Ion: 99 Resp: 614917
Ion Ratio Lower Upper
99 100
42 27.2 19.4 29.2
71 36.5 28.2 42.2



#8
2-Chlorophenol
Concen: 0.016 ng
RT: 7.507 min Scan# 769
Delta R.T. -0.020 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion:128 Resp: 56
Ion Ratio Lower Upper
128 100
130 0.0 12.3 52.3#
64 0.0 35.0 75.0#

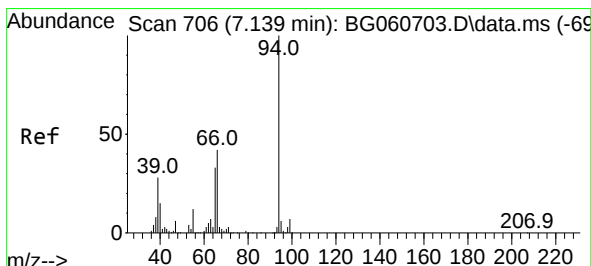
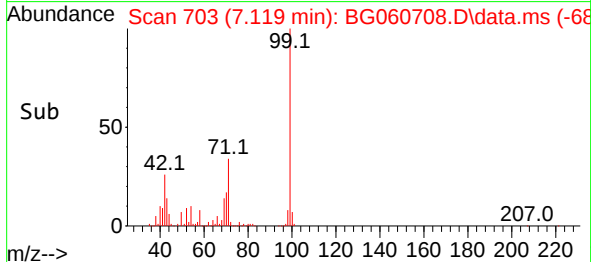
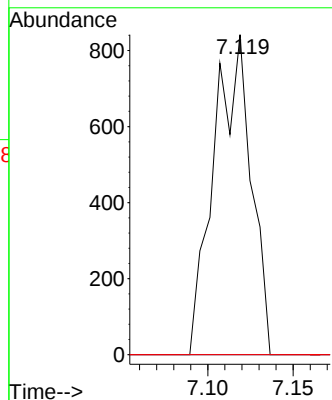
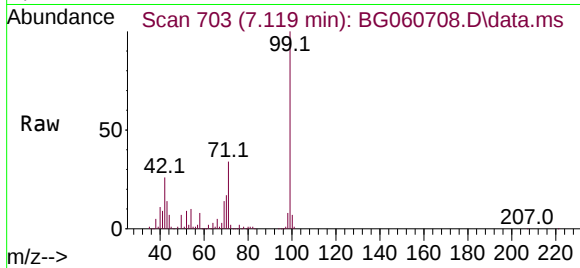




#9
Benzaldehyde
Concen: 0.493 ng
RT: 7.119 min Scan# 703
Delta R.T. 0.021 min
Lab File: BG060708.D
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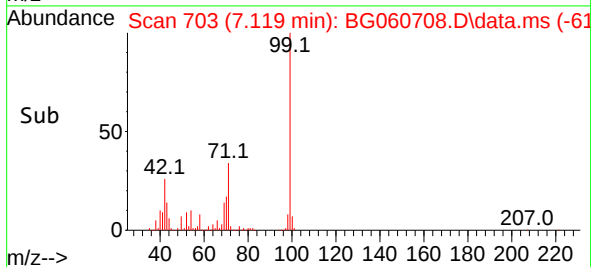
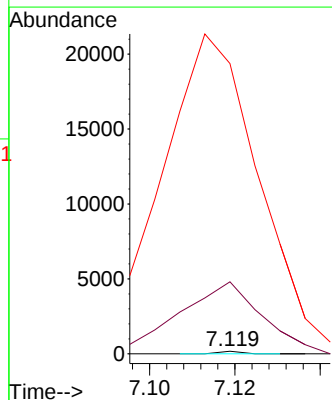
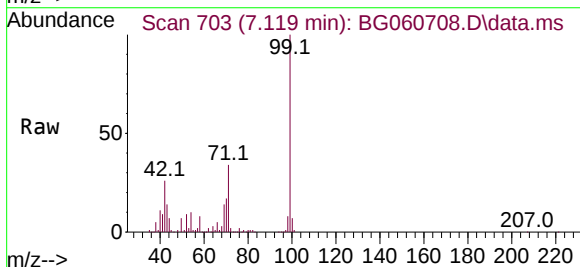
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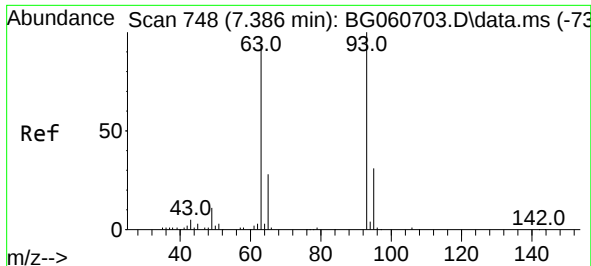
Tgt Ion: 77 Resp: 1275
Ion Ratio Lower Upper
77 100
105 0.0 76.0 116.0#
106 0.0 70.3 110.3#



#10
Phenol
Concen: 0.013 ng
RT: 7.119 min Scan# 703
Delta R.T. -0.020 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion: 94 Resp: 62
Ion Ratio Lower Upper
94 100
65 2715.8 13.3 53.3#
66 10942.4 22.9 62.9#

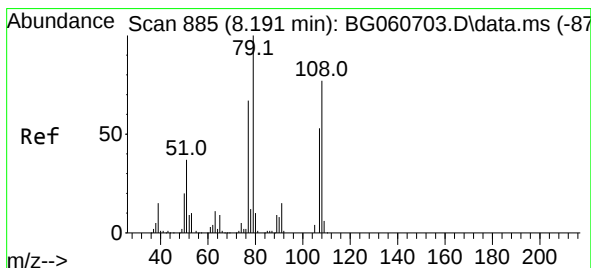
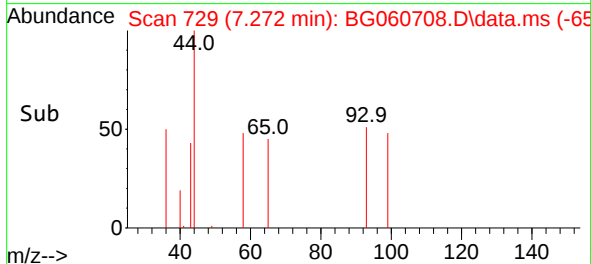
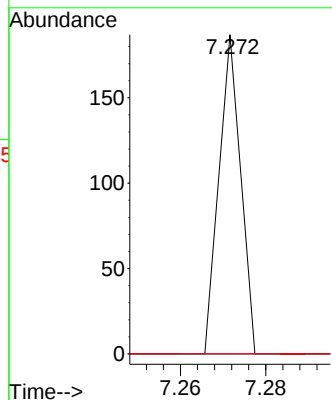
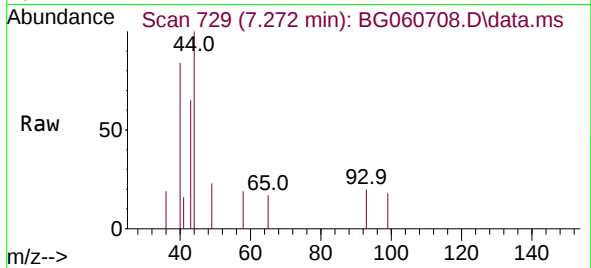




#11
bis(2-Chloroethyl)ether
Concen: 0.017 ng
RT: 7.272 min Scan# 71
Delta R.T. -0.114 min
Lab File: BG060708.D
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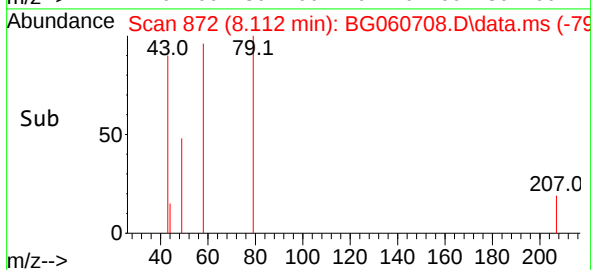
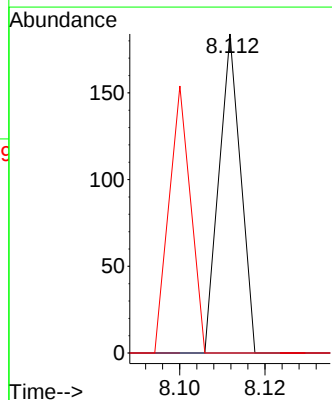
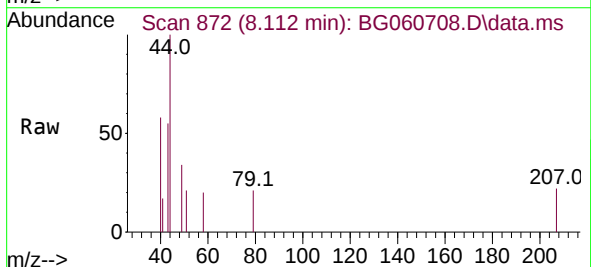
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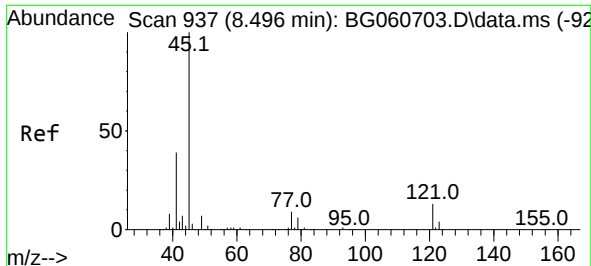
Tgt Ion: 93 Resp: 66
Ion Ratio Lower Upper
93 100
63 0.0 73.7 113.7#
95 0.0 11.2 51.2#



#15
Benzyl Alcohol
Concen: 0.017 ng
RT: 8.112 min Scan# 872
Delta R.T. -0.079 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion: 79 Resp: 65
Ion Ratio Lower Upper
79 100
108 0.0 61.4 92.0#
77 0.0 53.6 80.4#

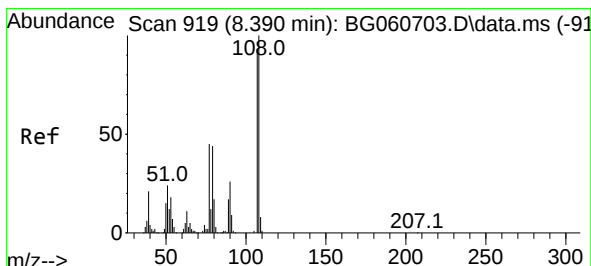
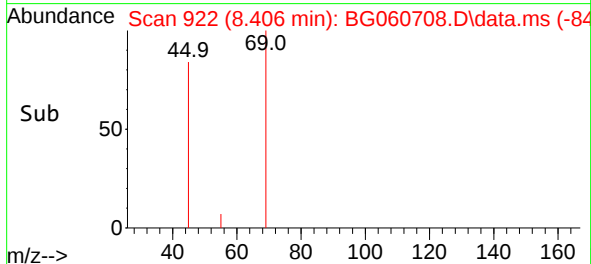
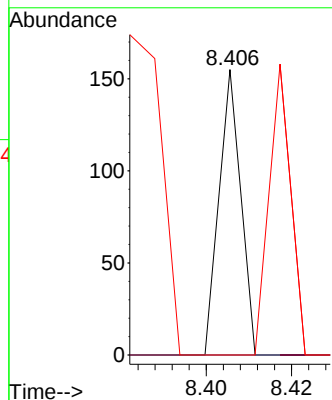
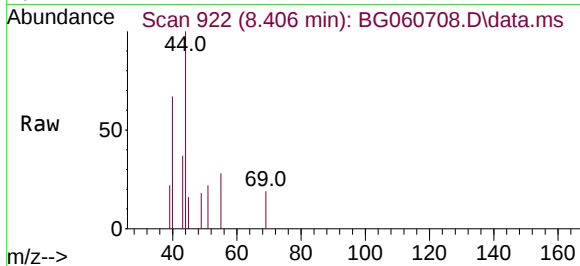




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.006 ng
RT: 8.406 min Scan# 91
Delta R.T. -0.091 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

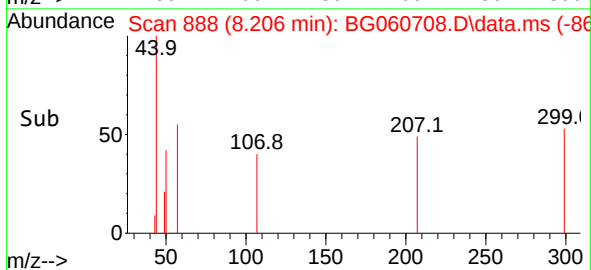
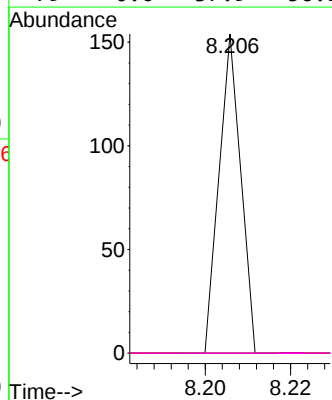
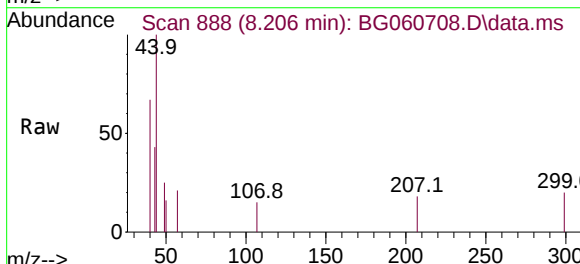
Instrument :
BNA_G
ClientSampleId :
PB159778TB

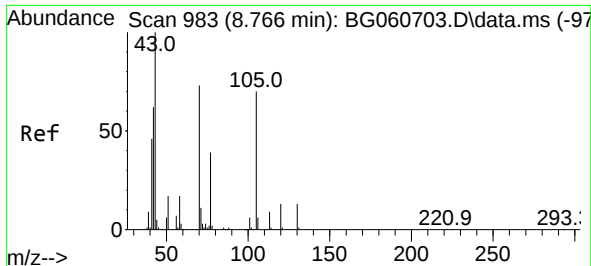
Tgt Ion:	45	Resp:	55
Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	29.1
79	0.0	0.0	26.5



#17
2-Methylphenol
Concen: 0.015 ng
RT: 8.206 min Scan# 888
Delta R.T. -0.185 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion:	107	Resp:	54
Ion	Ratio	Lower	Upper
107	100		
108	0.0	86.4	129.6#
77	0.0	38.6	58.0#
79	0.0	37.9	56.9#





#19

n-Nitroso-di-n-propylamine

Concen: 12.499 ng

RT: 9.111 min Scan# 1042

Delta R.T. 0.345 min

Lab File: BG060708.D

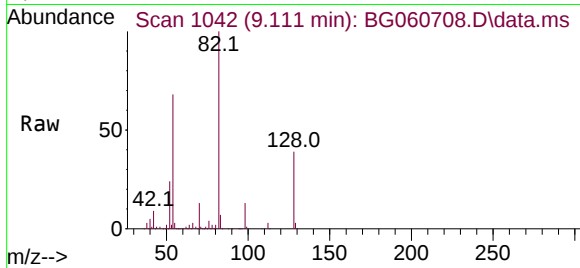
Acq: 29 Mar 2024 18:12

Instrument :

BNA_G

ClientSampleId :

PB159778TB



Tgt Ion: 70 Resp: 44704

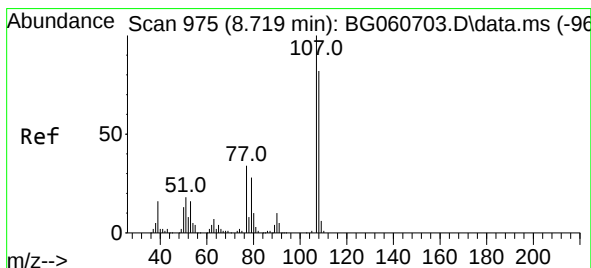
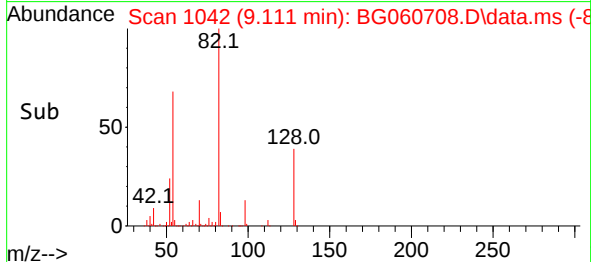
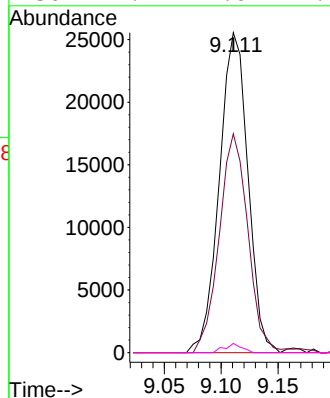
Ion Ratio Lower Upper

70 100

42 68.4 68.4 102.6#

101 0.0 6.1 9.1#

130 2.9 14.6 21.8#



#20

3+4-Methylphenols

Concen: 0.012 ng

RT: 9.005 min Scan# 1024

Delta R.T. 0.285 min

Lab File: BG060708.D

Acq: 29 Mar 2024 18:12

Tgt Ion: 107 Resp: 60

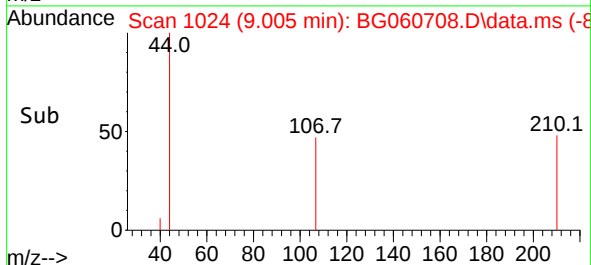
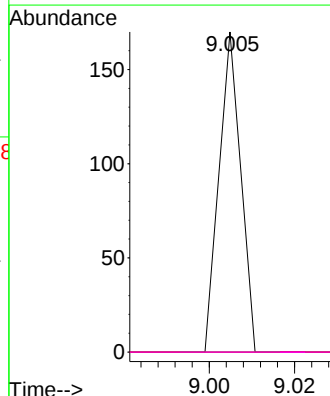
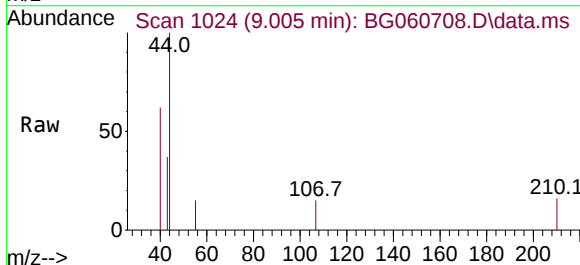
Ion Ratio Lower Upper

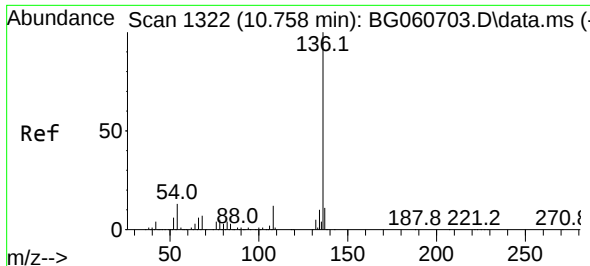
107 100

108 0.0 62.2 102.2#

77 0.0 14.1 54.1#

79 0.0 7.7 47.7#

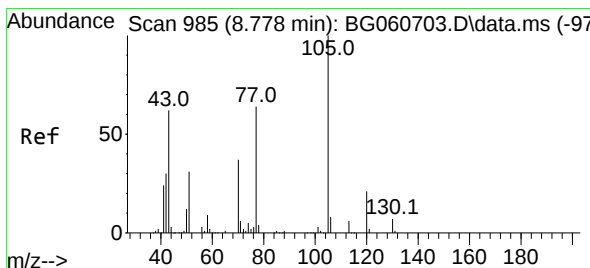
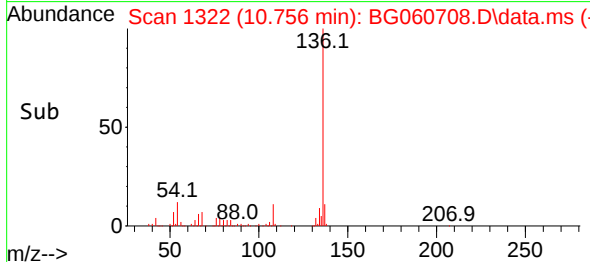
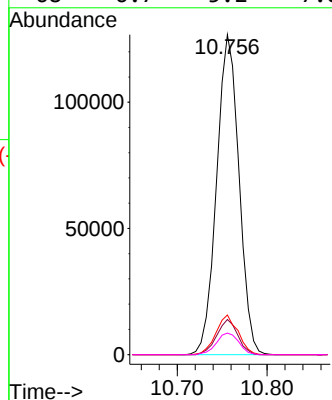
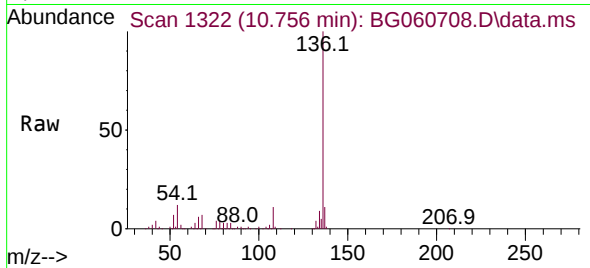




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.756 min Scan# 1322
Delta R.T. -0.002 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

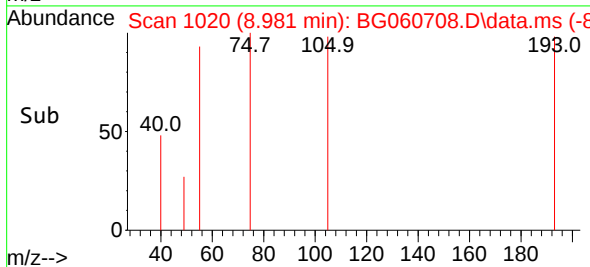
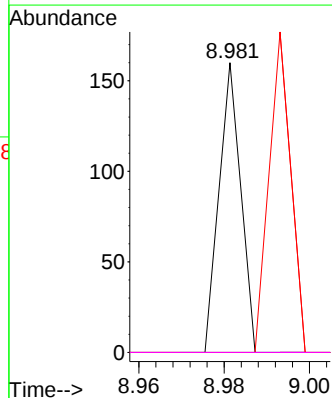
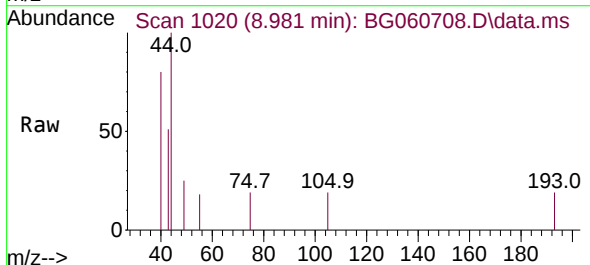
Instrument :
BNA_G
ClientSampleId :
PB159778TB

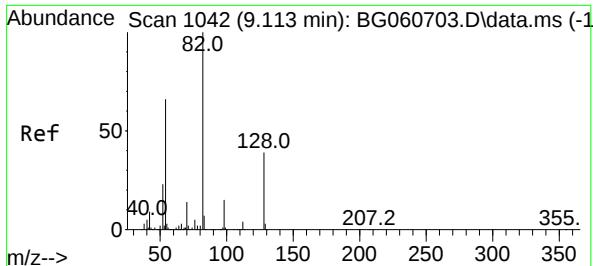
Tgt Ion:	136	Resp:	220113
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	12.4	10.2	15.2
68	6.7	5.2	7.8



#22
Acetophenone
Concen: 0.009 ng
RT: 8.981 min Scan# 1020
Delta R.T. 0.203 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion:	105	Resp:	56
Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.9	7.3#
51	0.0	31.1	46.7#
120	0.0	17.0	25.4#

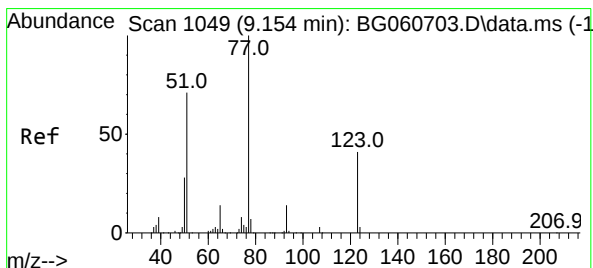
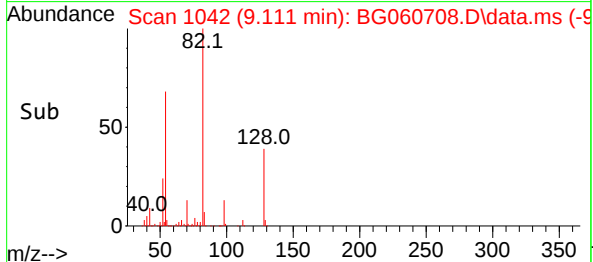
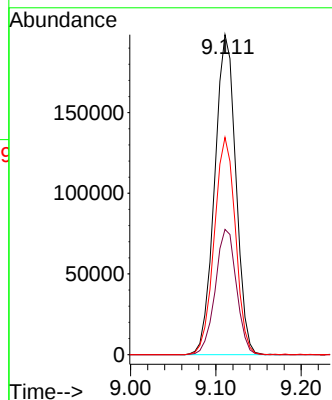
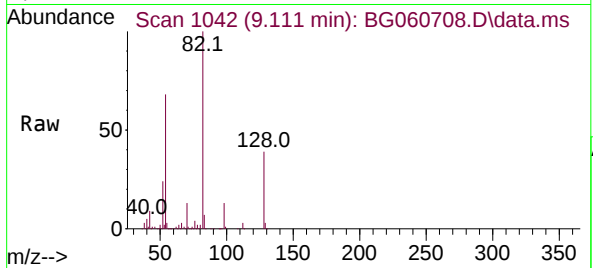




#23
Nitrobenzene-d5
Concen: 88.736 ng
RT: 9.111 min Scan# 1042
Delta R.T. -0.002 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

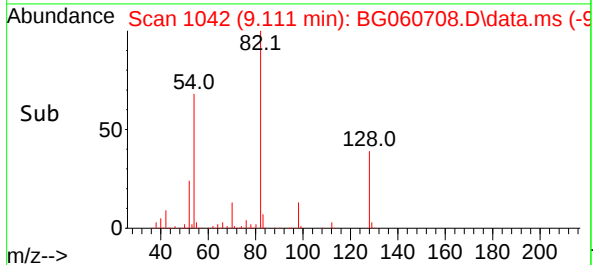
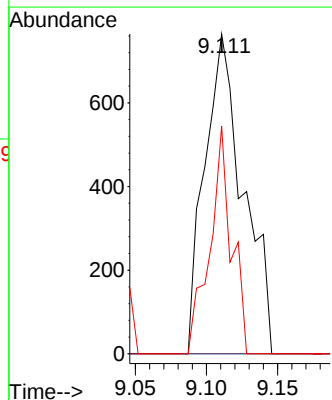
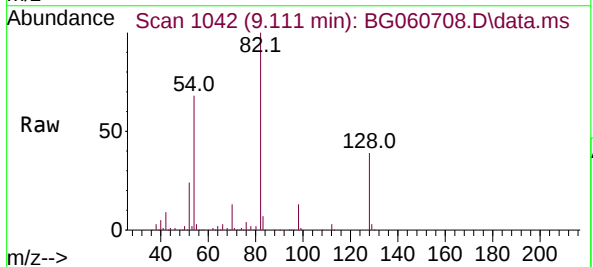
Instrument :
BNA_G
ClientSampleId :
PB159778TB

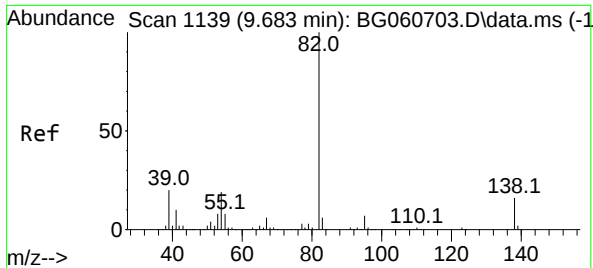
Tgt Ion: 82 Resp: 342295
Ion Ratio Lower Upper
82 100
128 39.1 31.2 46.8
54 67.9 53.2 79.8



#24
Nitrobenzene
Concen: 3.090 ng
RT: 9.111 min Scan# 1042
Delta R.T. -0.043 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion: 77 Resp: 1446
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 71.2 11.3 16.9#

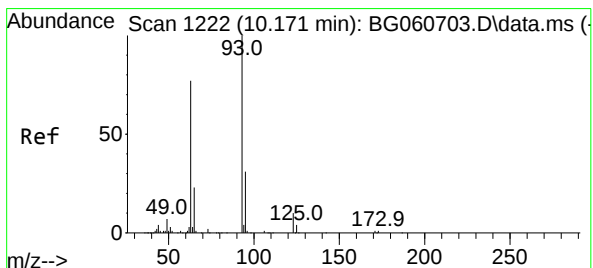
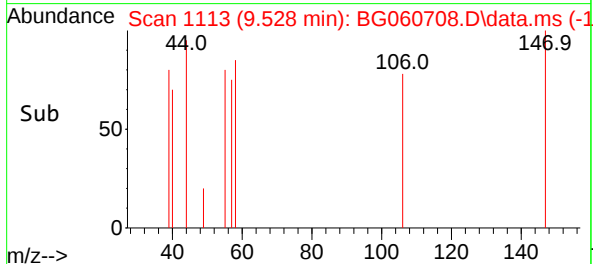
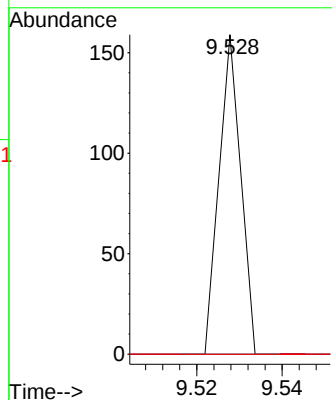
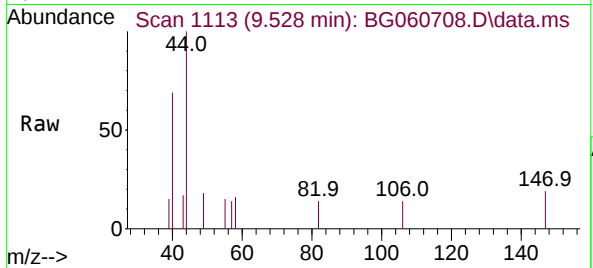




#25
Isophorone
Concen: 0.006 ng
RT: 9.528 min Scan# 1113
Delta R.T. -0.155 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

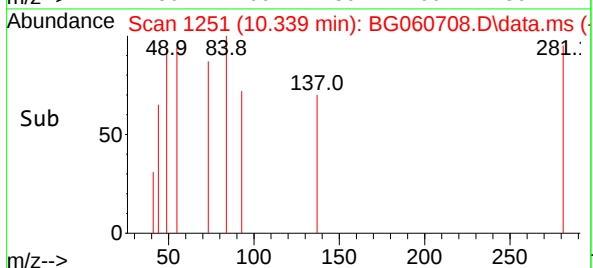
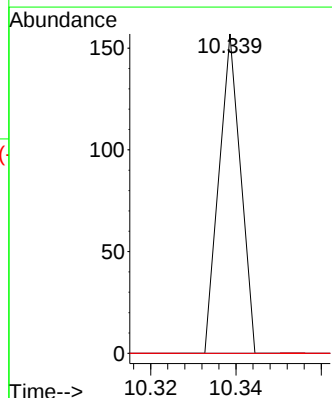
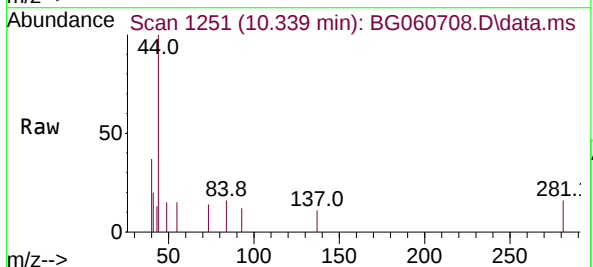
Instrument :
BNA_G
ClientSampleId :
PB159778TB

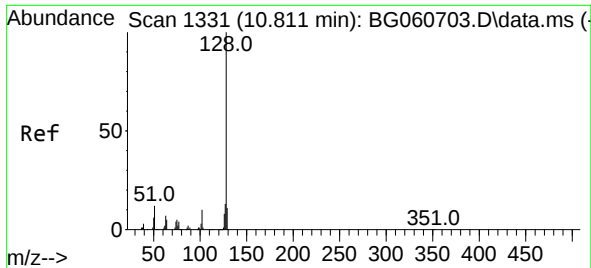
Tgt Ion: 82 Resp: 56
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 13.0 19.4#



#28
bis(2-Chloroethoxy)methane
Concen: 0.010 ng
RT: 10.339 min Scan# 1251
Delta R.T. 0.168 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion: 93 Resp: 55
Ion Ratio Lower Upper
93 100
95 0.0 25.1 37.7#
123 0.0 8.0 12.0#

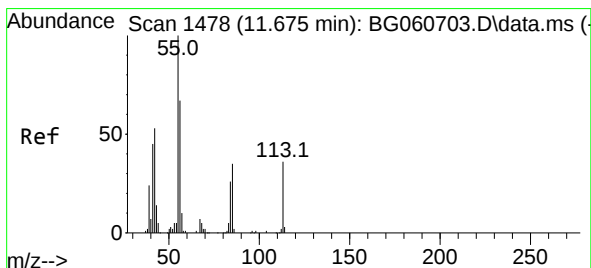
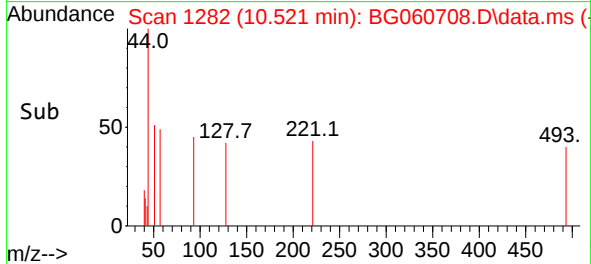
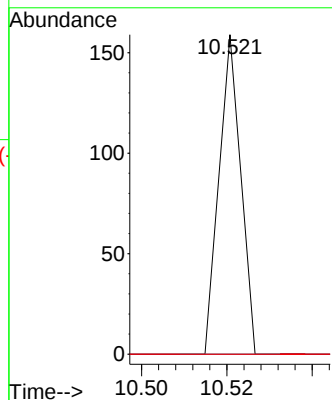
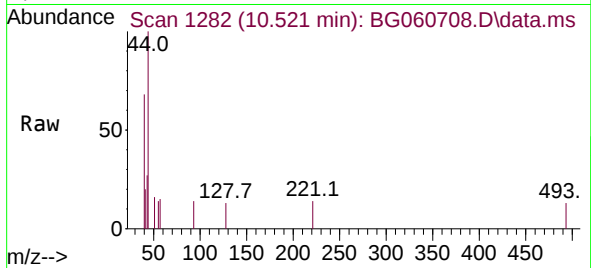




#31
Naphthalene
Concen: 0.005 ng
RT: 10.521 min Scan# 1418
Delta R.T. -0.290 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

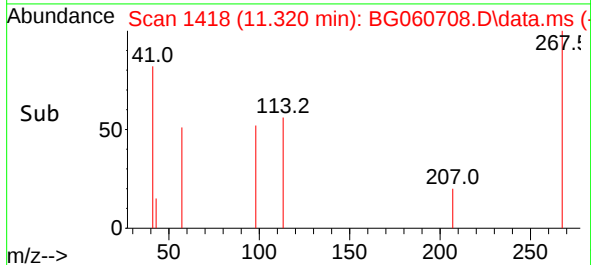
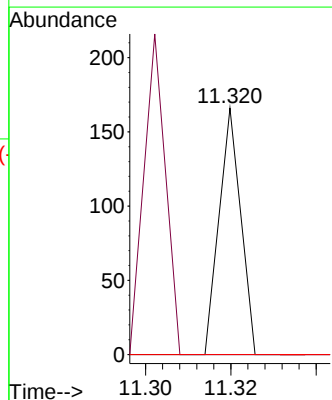
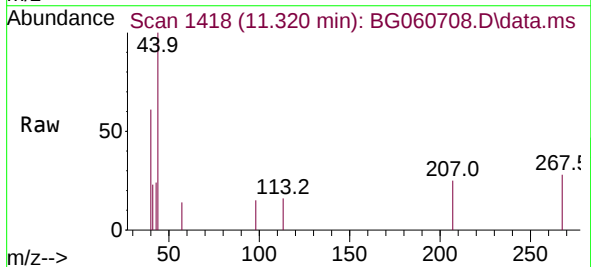
Instrument :
BNA_G
ClientSampleId :
PB159778TB

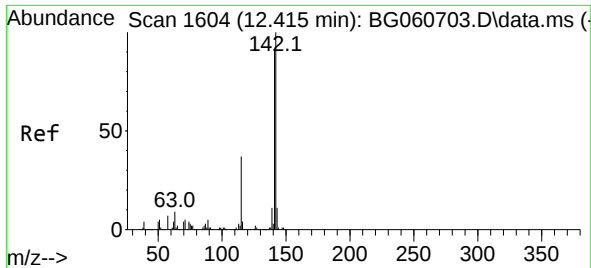
Tgt Ion:128 Resp: 56
Ion Ratio Lower Upper
128 100
129 0.0 8.5 12.7#
127 100.0 10.5 15.7#



#35
Caprolactam
Concen: 0.045 ng
RT: 11.320 min Scan# 1418
Delta R.T. -0.355 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

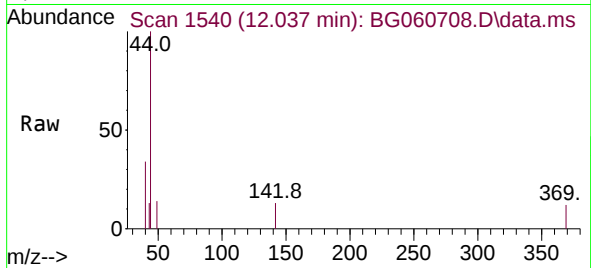
Tgt Ion:113 Resp: 59
Ion Ratio Lower Upper
113 100
55 0.0 258.0 298.0#
56 0.0 166.3 206.3#



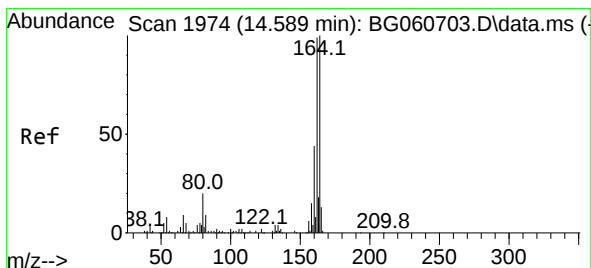
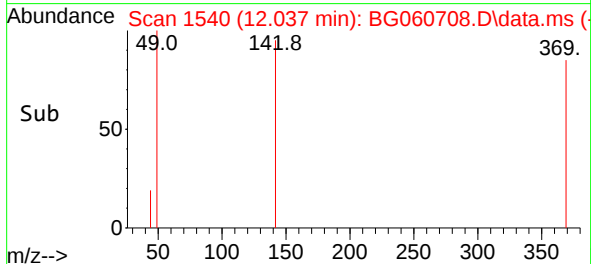
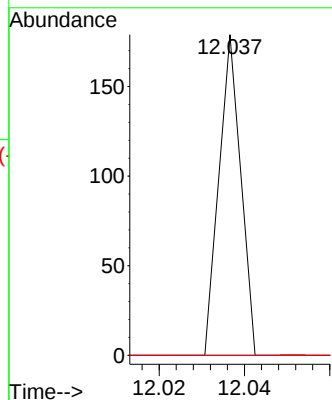


#37
2-Methylnaphthalene
Concen: 0.007 ng
RT: 12.037 min Scan# 11
Delta R.T. -0.378 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Instrument :
BNA_G
ClientSampleId :
PB159778TB

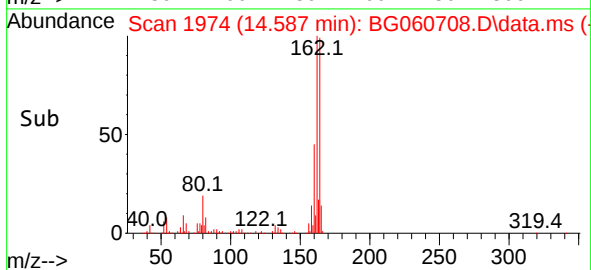
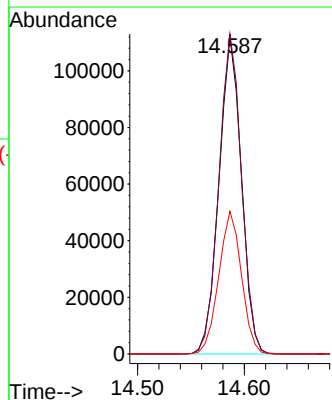
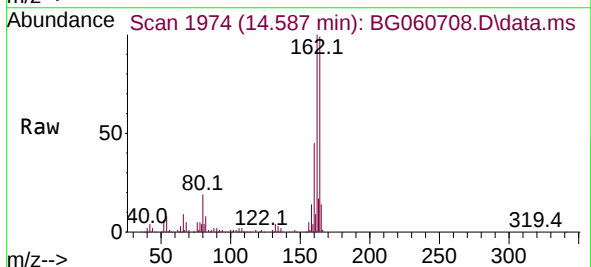


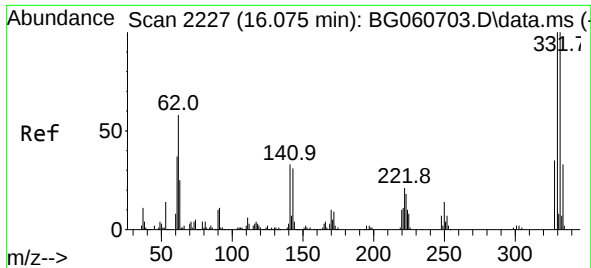
Tgt Ion:142 Resp: 63
Ion Ratio Lower Upper
142 100
141 0.0 72.7 109.1#
115 0.0 29.9 44.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.587 min Scan# 1974
Delta R.T. -0.002 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion:164 Resp: 163769
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 45.0 35.4 53.0

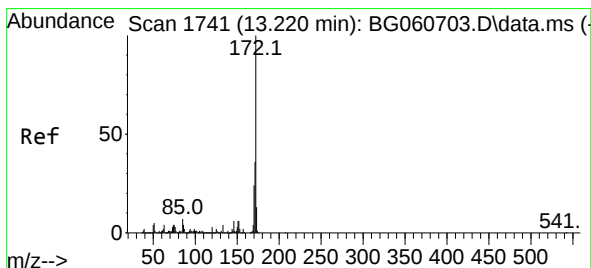
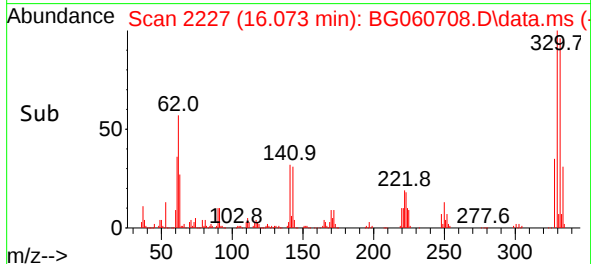
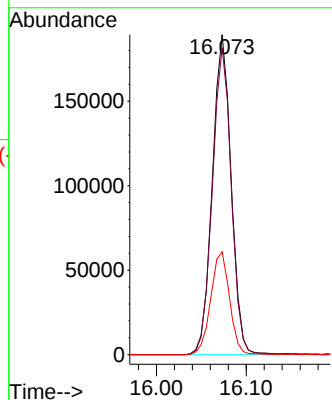
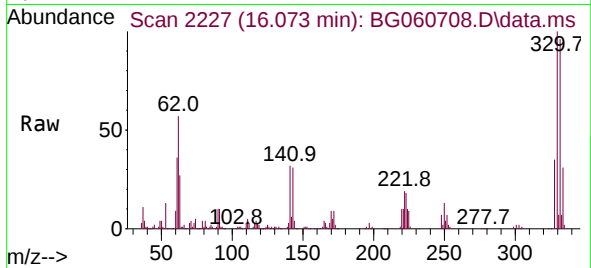




#42
2,4,6-Tribromophenol
Concen: 148.481 ng
RT: 16.073 min Scan# 211
Delta R.T. -0.002 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

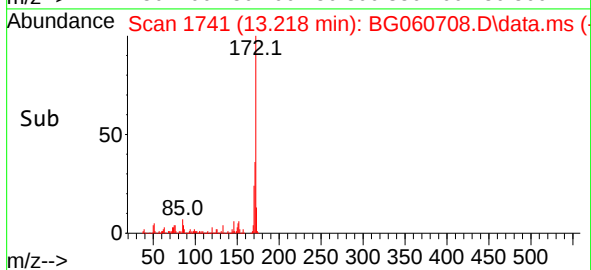
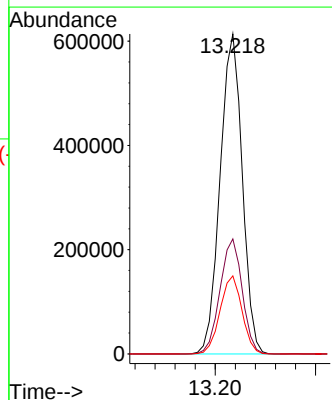
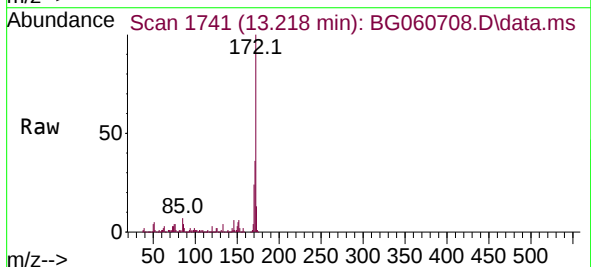
Instrument :
BNA_G
ClientSampleId :
PB159778TB

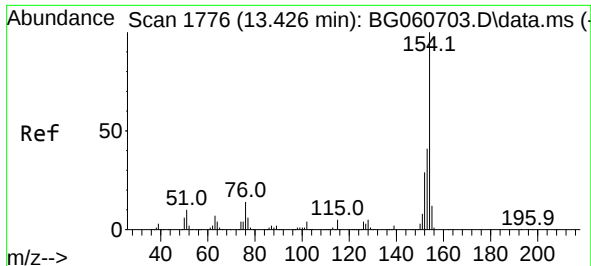
Tgt Ion:330 Resp: 276032
Ion Ratio Lower Upper
330 100
332 96.6 78.2 117.4
141 32.2 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 84.264 ng
RT: 13.218 min Scan# 1741
Delta R.T. -0.002 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion:172 Resp: 940282
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 24.4 19.4 29.0

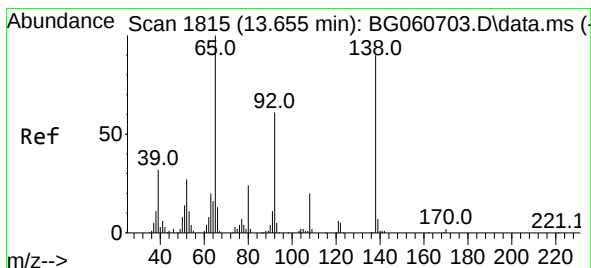
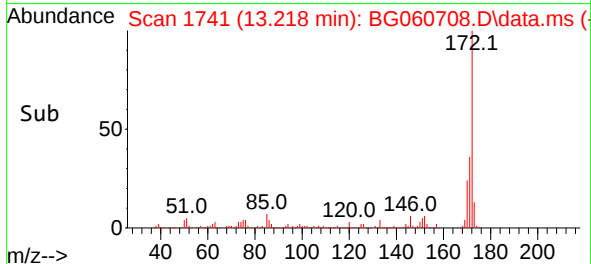
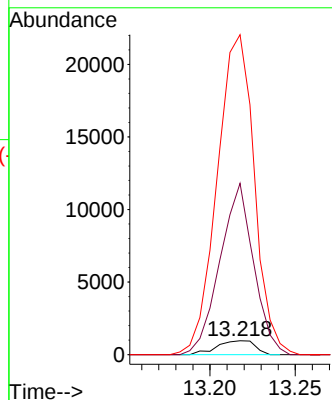
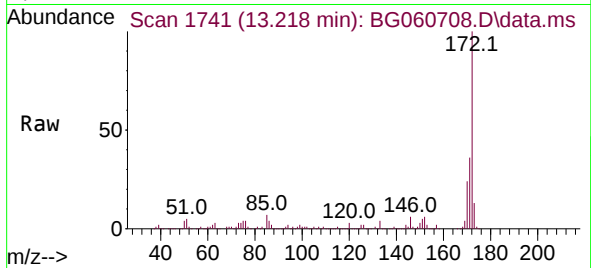




#46
1,1'-Biphenyl
Concen: 0.129 ng
RT: 13.218 min Scan# 1776
Delta R.T. -0.208 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

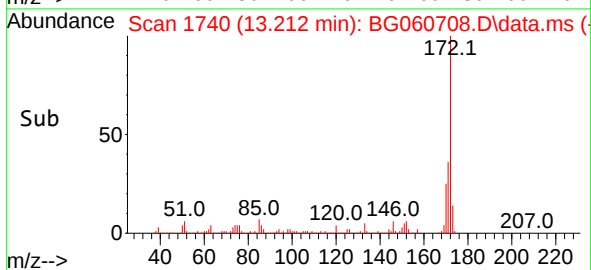
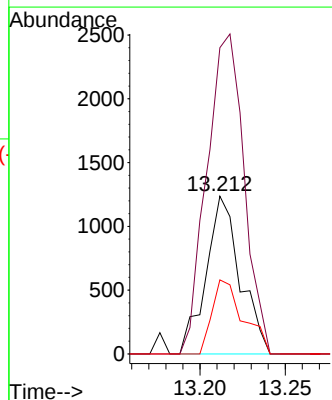
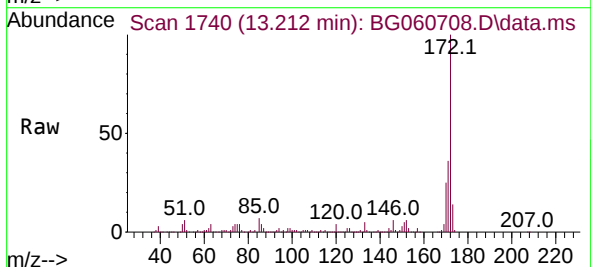
Instrument :
BNA_G
ClientSampleId :
PB159778TB

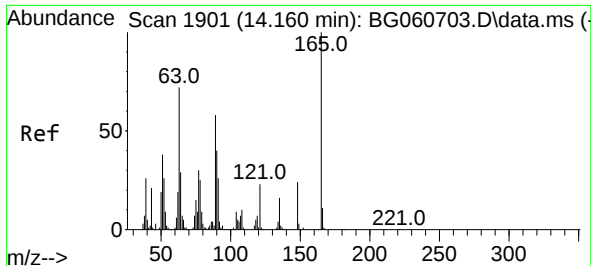
Tgt Ion:154 Resp: 1492
Ion Ratio Lower Upper
154 100
153 1237.4 20.8 60.8#
76 2311.9 0.0 33.9#



#48
2-Nitroaniline
Concen: 5.042 ng
RT: 13.212 min Scan# 1740
Delta R.T. -0.443 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion: 65 Resp: 1722
Ion Ratio Lower Upper
65 100
92 194.0 48.6 72.8#
138 47.0 72.2 108.4#





#51

2,6-Dinitrotoluene

Concen: 12.063 ng

RT: 14.587 min Scan# 19

Delta R.T. 0.427 min

Lab File: BG060708.D

Acq: 29 Mar 2024 18:12

Instrument :

BNA_G

ClientSampleId :

PB159778TB

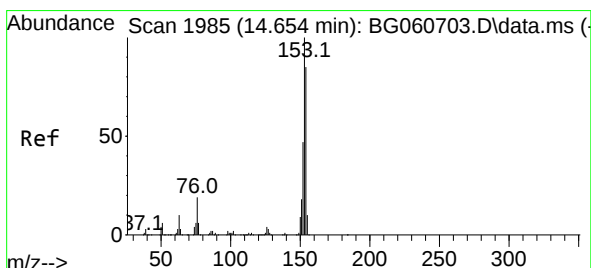
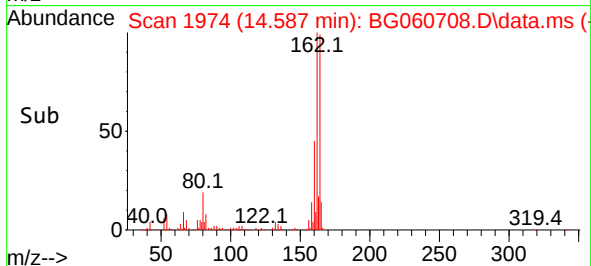
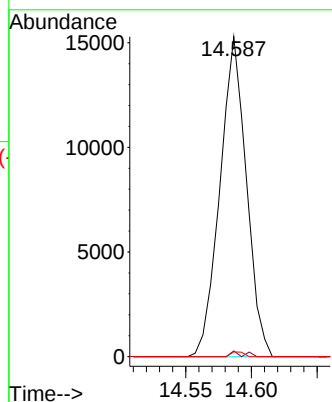
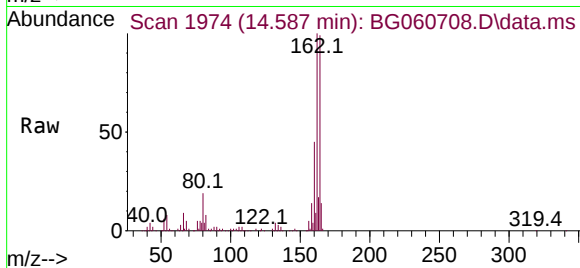
Tgt Ion:165 Resp: 21419

Ion Ratio Lower Upper

165 100

63 1.8 58.2 87.4#

89 1.5 46.1 69.1#



#52

Acenaphthene

Concen: 0.068 ng

RT: 14.587 min Scan# 1974

Delta R.T. -0.067 min

Lab File: BG060708.D

Acq: 29 Mar 2024 18:12

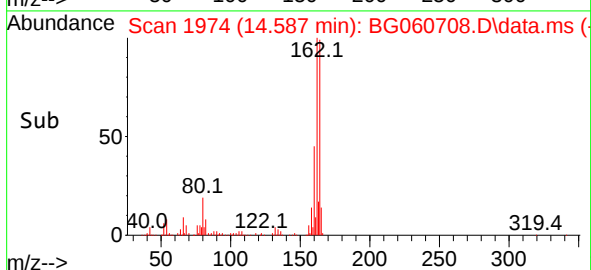
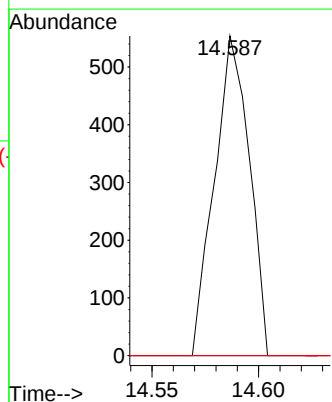
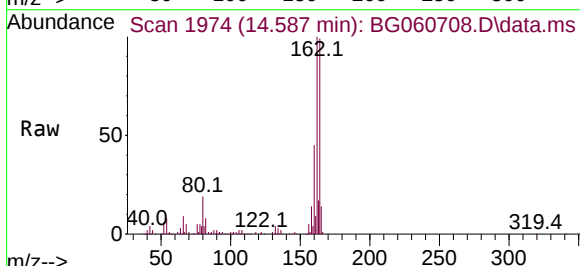
Tgt Ion:154 Resp: 630

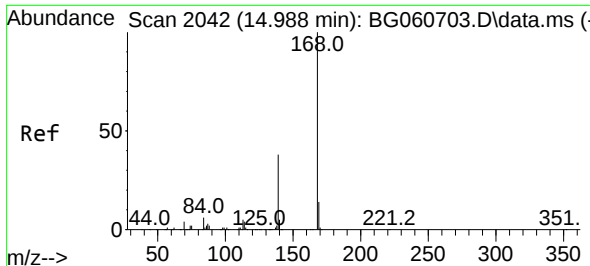
Ion Ratio Lower Upper

154 100

153 0.0 93.9 140.9#

152 0.0 44.1 66.1#

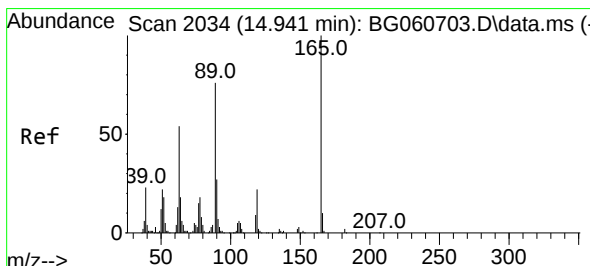
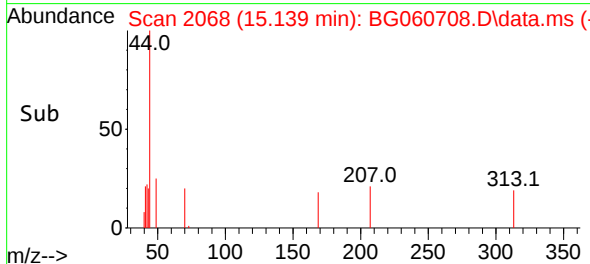
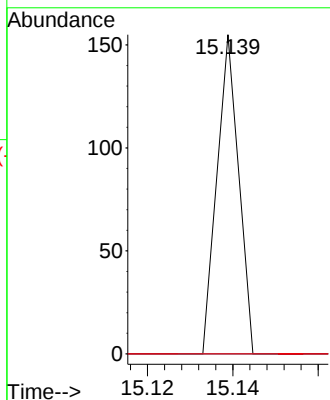
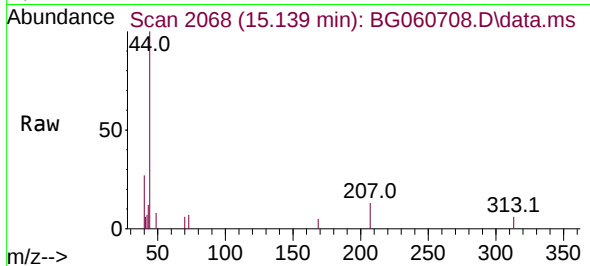




#55
Dibenzenofuran
Concen: 0.004 ng
RT: 15.139 min Scan# 2042
Delta R.T. 0.151 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

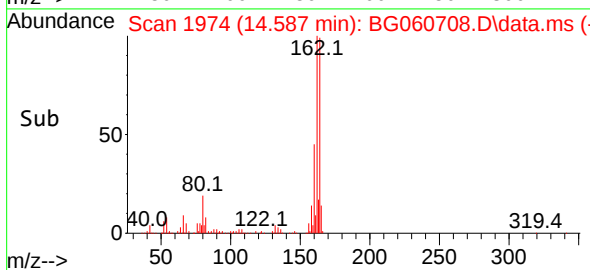
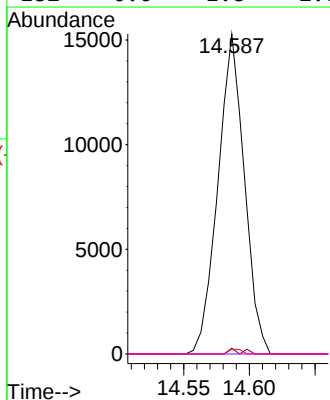
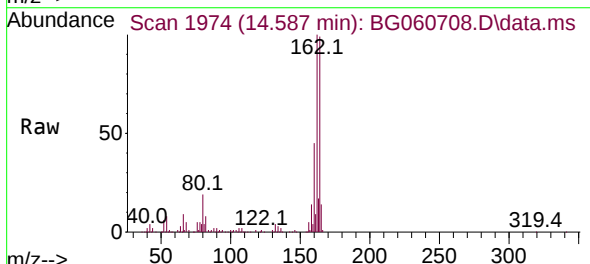
Instrument :
BNA_G
ClientSampleId :
PB159778TB

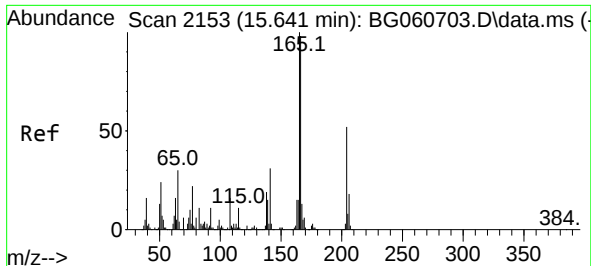
Tgt Ion:168 Resp: 55
Ion Ratio Lower Upper
168 100
139 0.0 30.1 45.1#
169 0.0 11.0 16.4#



#57
2,4-Dinitrotoluene
Concen: 10.419 ng
RT: 14.587 min Scan# 1974
Delta R.T. -0.354 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion:165 Resp: 21419
Ion Ratio Lower Upper
165 100
63 1.8 43.4 65.0#
89 1.5 61.0 91.6#
182 0.0 1.8 2.6#

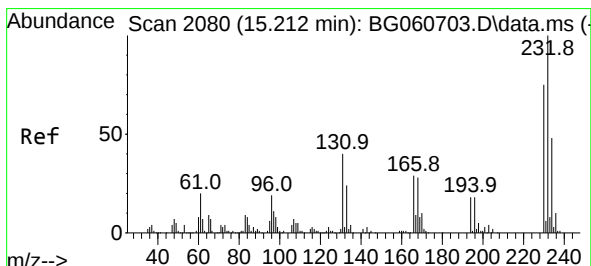
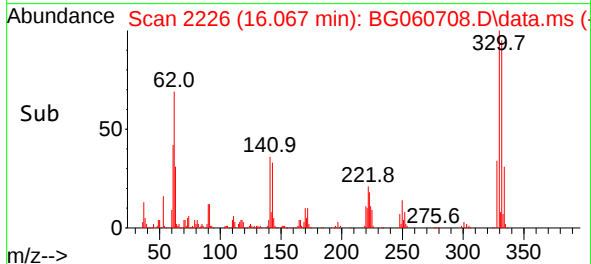
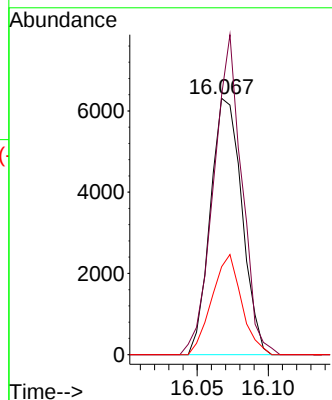
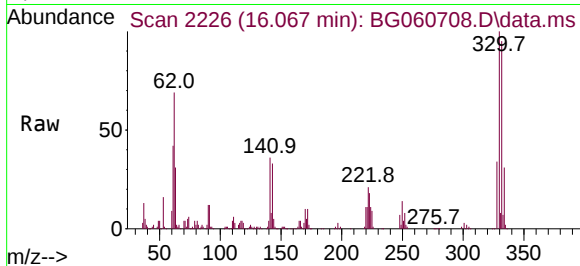




#58
Fluorene
Concen: 0.829 ng
RT: 16.067 min Scan# 2153
Delta R.T. 0.426 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

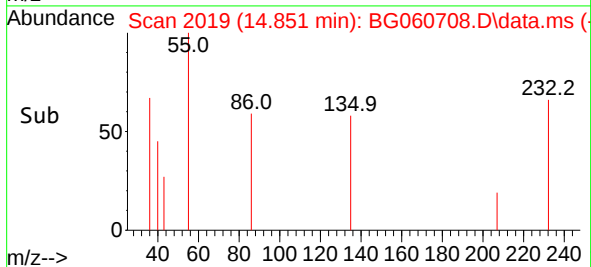
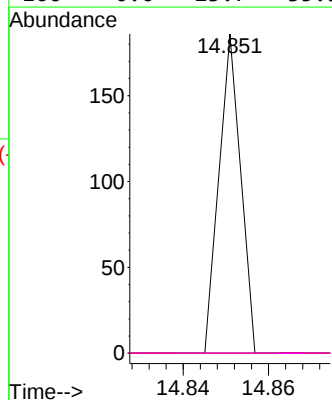
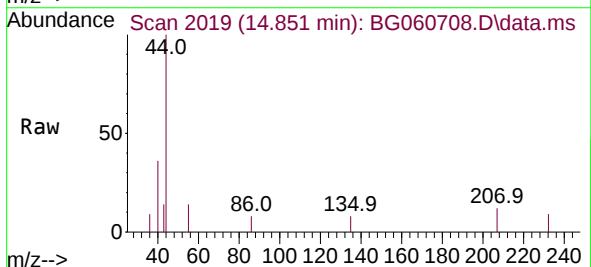
Instrument :
BNA_G
ClientSampleId :
PB159778TB

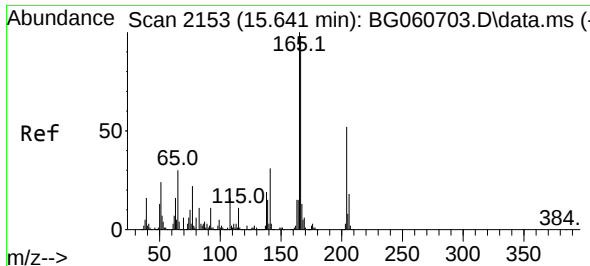
Tgt Ion:166 Resp: 9730
Ion Ratio Lower Upper
166 100
165 101.3 81.8 122.8
167 34.3 10.9 16.3#



#59
2,3,4,6-Tetrachlorophenol
Concen: 0.021 ng
RT: 14.851 min Scan# 2019
Delta R.T. -0.361 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion:232 Resp: 66
Ion Ratio Lower Upper
232 100
131 0.0 32.2 48.2#
130 0.0 2.1 3.1#
166 0.0 23.7 35.5#

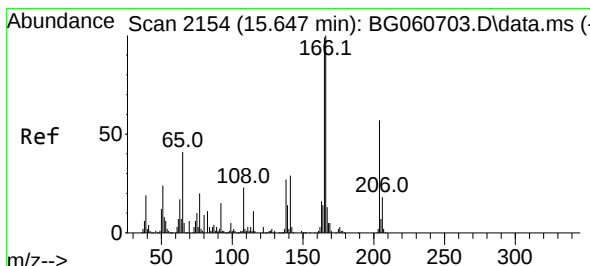
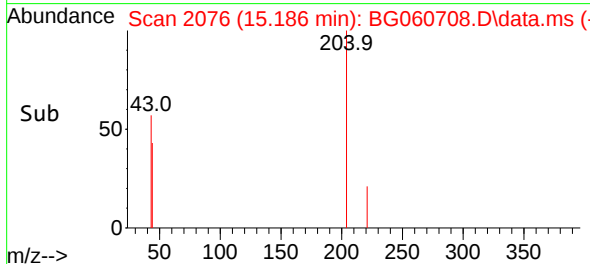
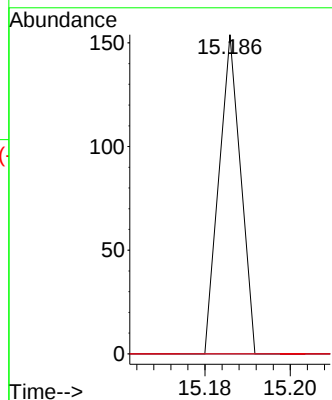
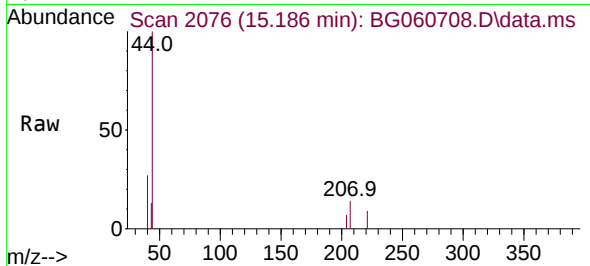




#61
4-Chlorophenyl-phenylether
Concen: 0.009 ng
RT: 15.186 min Scan# 20
Delta R.T. -0.455 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

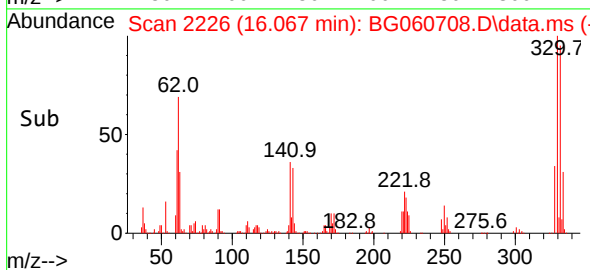
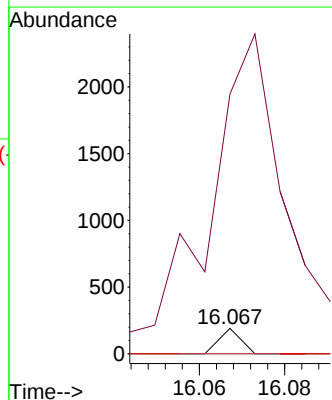
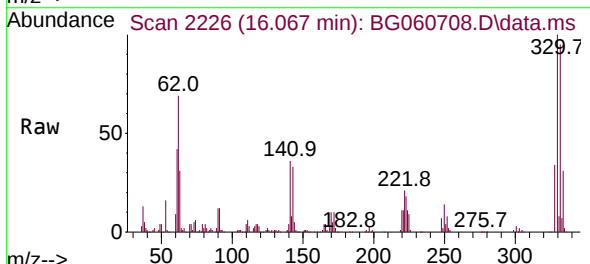
Instrument :
BNA_G
ClientSampleId :
PB159778TB

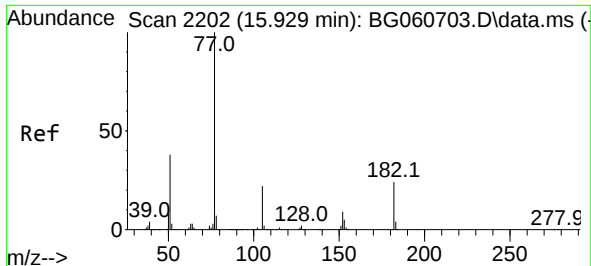
Tgt Ion:204 Resp: 54
Ion Ratio Lower Upper
204 100
206 0.0 28.3 42.5#
141 0.0 47.2 70.8#



#62
4-Nitroaniline
Concen: 0.028 ng
RT: 16.067 min Scan# 2226
Delta R.T. 0.421 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion:138 Resp: 67
Ion Ratio Lower Upper
138 100
92 1019.4 36.8 76.8#
108 0.0 66.9 106.9#

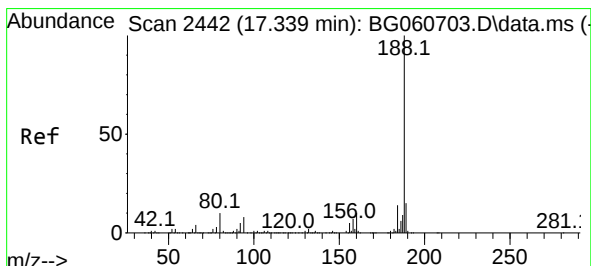
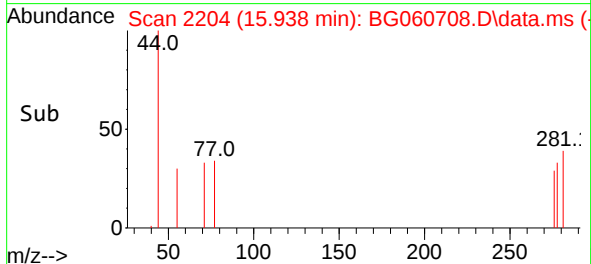
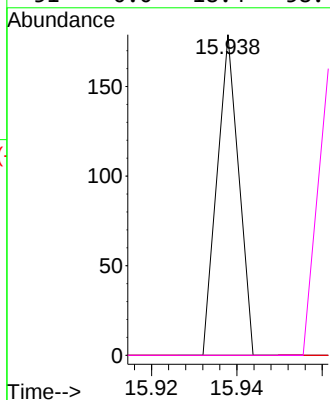
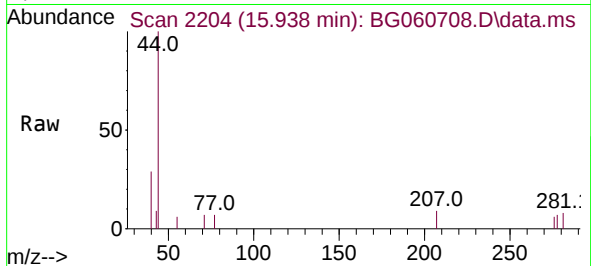




#63
Azobenzene
Concen: 0.005 ng
RT: 15.938 min Scan# 21
Delta R.T. 0.009 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

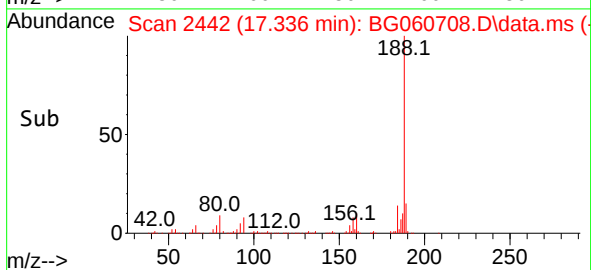
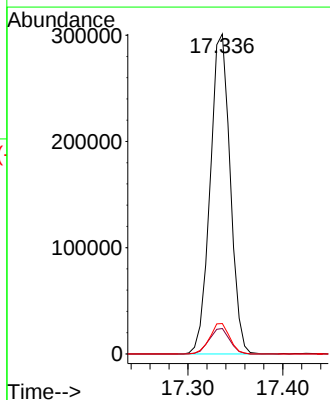
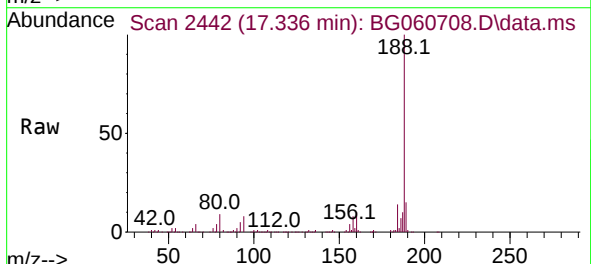
Instrument :
BNA_G
ClientSampleId :
PB159778TB

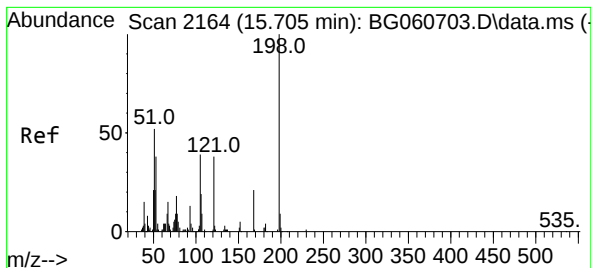
Tgt Ion: 77	Resp: 63
Ion Ratio	Lower Upper
77 100	
182 0.0	3.9 43.9#
105 0.0	1.7 41.7#
51 0.0	18.4 58.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.336 min Scan# 2442
Delta R.T. -0.002 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion: 188	Resp: 441552
Ion Ratio	Lower Upper
188 100	
94 7.9	6.6 9.8
80 9.5	7.6 11.4

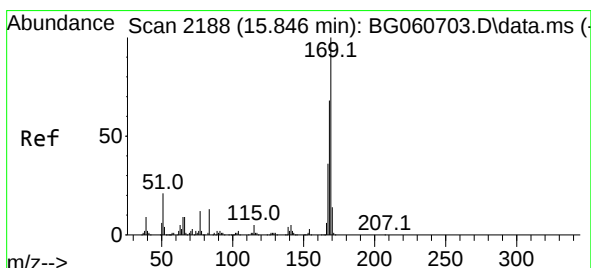
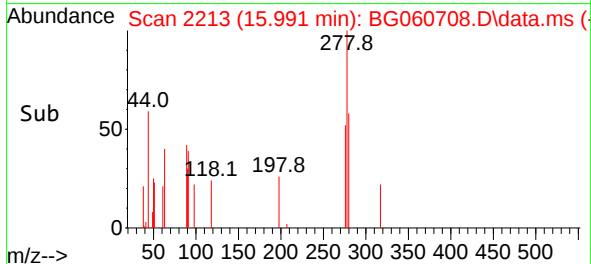
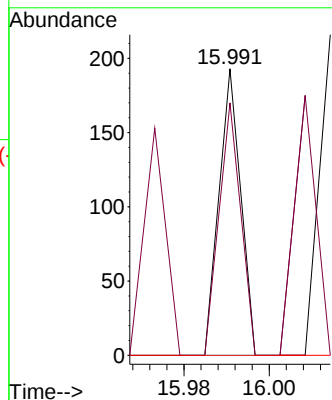
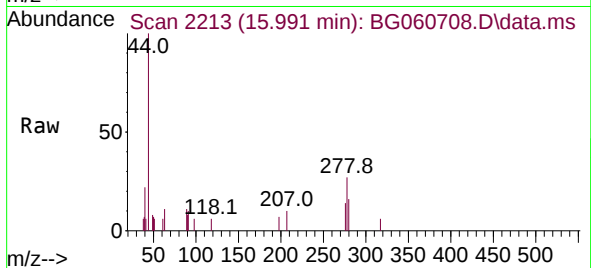




#65
4,6-Dinitro-2-methylphenol
Concen: 7.066 ng
RT: 15.991 min Scan# 2164
Delta R.T. 0.286 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

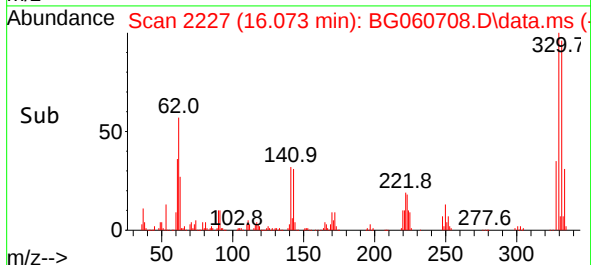
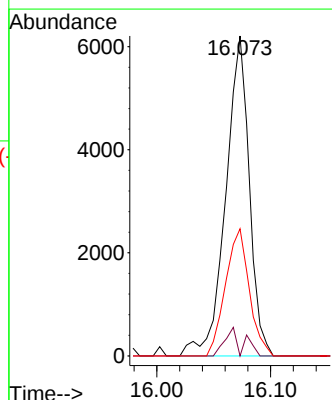
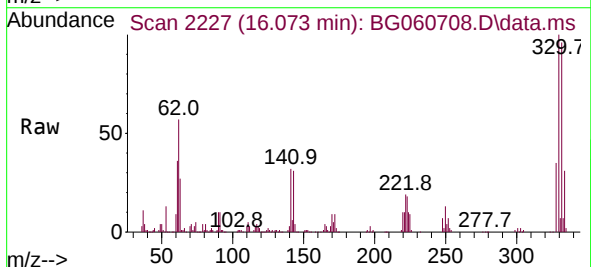
Instrument :
BNA_G
ClientSampleId :
PB159778TB

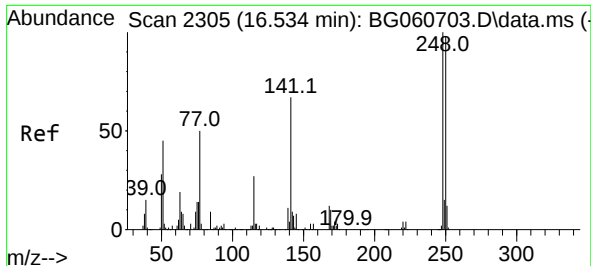
Tgt Ion:198 Resp: 68
Ion Ratio Lower Upper
198 100
51 88.1 36.7 76.7#
105 0.0 19.1 59.1#



#66
n-Nitrosodiphenylamine
Concen: 0.709 ng
RT: 16.073 min Scan# 2227
Delta R.T. 0.227 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion:169 Resp: 8942
Ion Ratio Lower Upper
169 100
168 0.0 54.5 81.7#
167 39.7 29.2 43.8

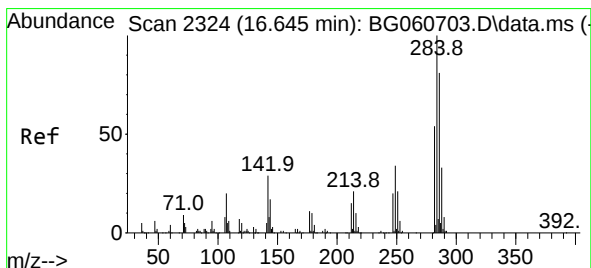
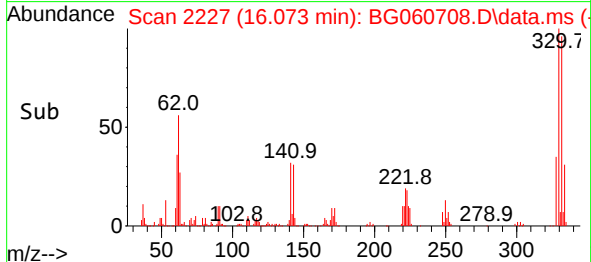
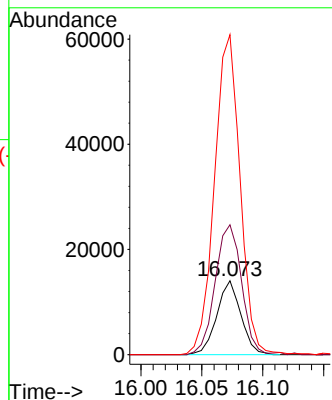
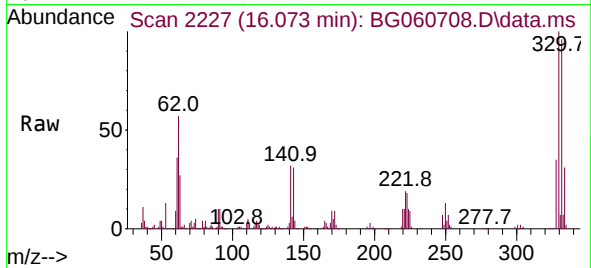




#67
4-Bromophenyl-phenylether
Concen: 4.292 ng
RT: 16.073 min Scan# 211
Delta R.T. -0.461 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

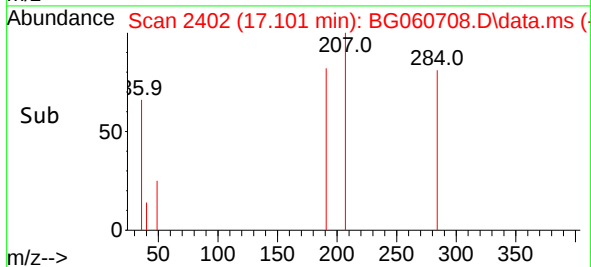
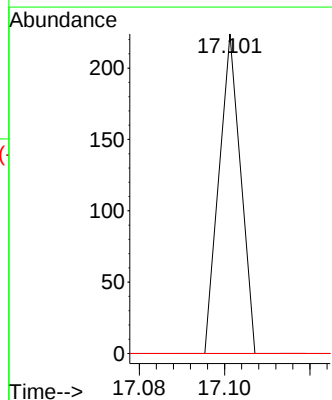
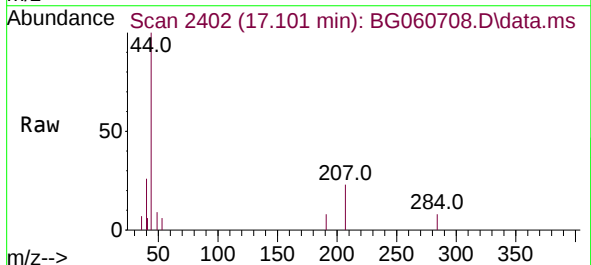
Instrument :
BNA_G
ClientSampleId :
PB159778TB

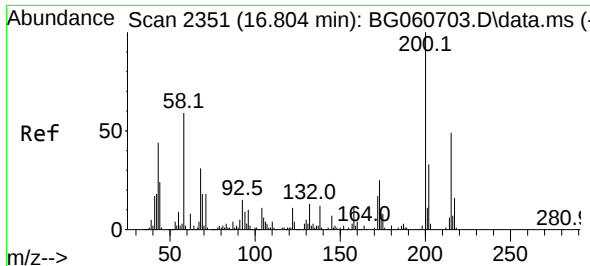
Tgt Ion:248 Resp: 19233
Ion Ratio Lower Upper
248 100
250 175.9 78.3 117.5#
141 433.6 53.7 80.5#



#68
Hexachlorobenzene
Concen: 0.016 ng
RT: 17.101 min Scan# 2402
Delta R.T. 0.456 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion:284 Resp: 79
Ion Ratio Lower Upper
284 100
142 0.0 22.9 34.3#
249 0.0 27.1 40.7#

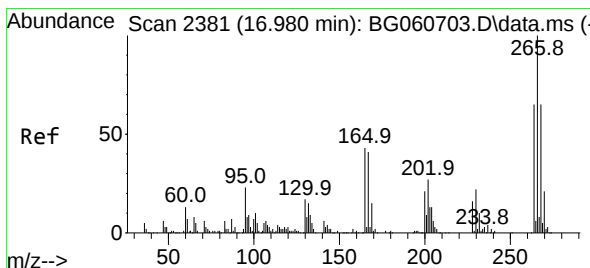
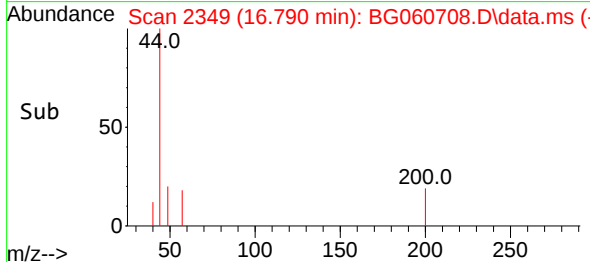
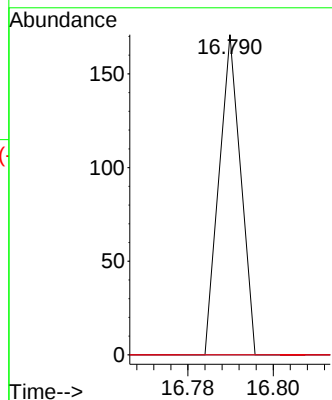
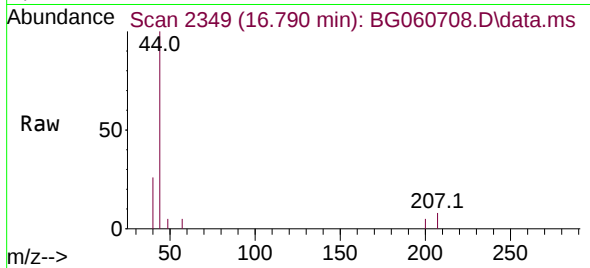




#69
 Atrazine
 Concen: 0.014 ng
 RT: 16.790 min Scan# 2349
 Delta R.T. -0.014 min
 Lab File: BG060708.D
 Acq: 29 Mar 2024 18:12

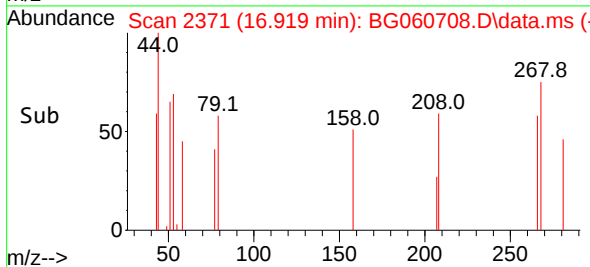
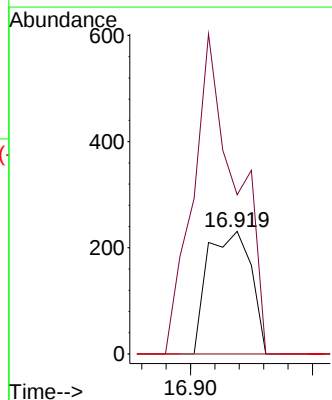
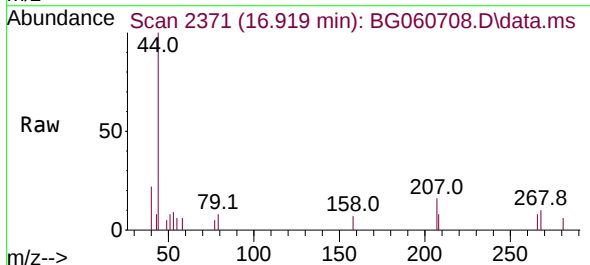
Instrument :
 BNA_G
 ClientSampleId :
 PB159778TB

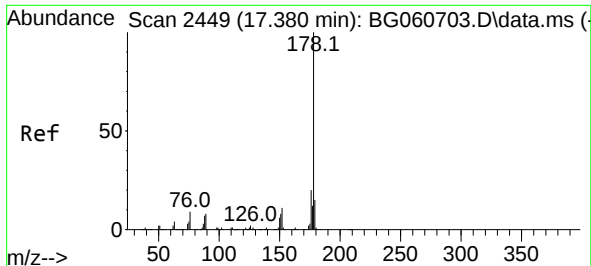
Tgt Ion:200 Resp: 60
 Ion Ratio Lower Upper
 200 100
 173 0.0 5.2 45.2#
 215 0.0 28.8 68.8#



#70
 Pentachlorophenol
 Concen: 0.086 ng
 RT: 16.919 min Scan# 2371
 Delta R.T. -0.061 min
 Lab File: BG060708.D
 Acq: 29 Mar 2024 18:12

Tgt Ion:266 Resp: 285
 Ion Ratio Lower Upper
 266 100
 268 129.9 52.2 78.4#
 264 0.0 51.8 77.6#

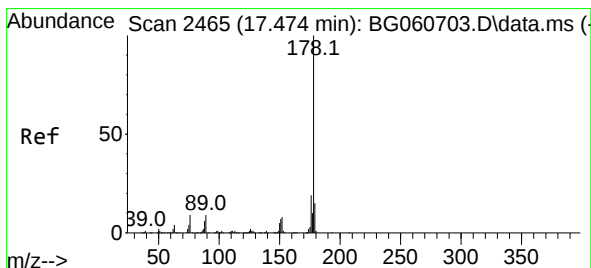
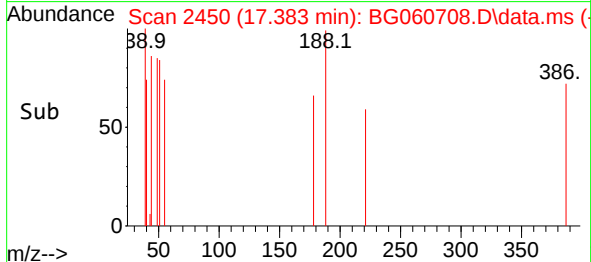
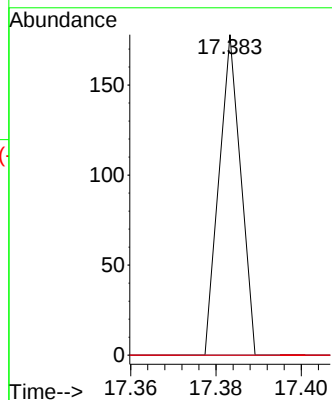
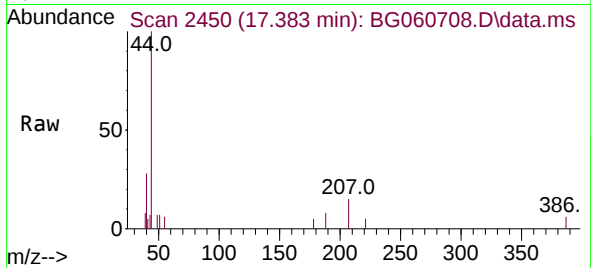




#71
Phenanthrene
Concen: 0.003 ng
RT: 17.383 min Scan# 2449
Delta R.T. 0.003 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

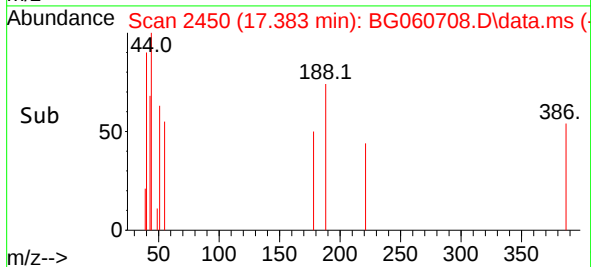
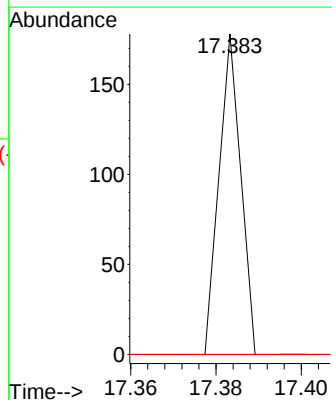
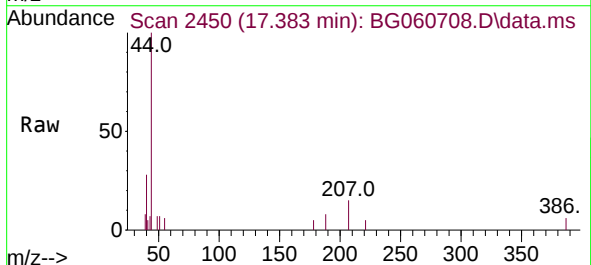
Instrument :
BNA_G
ClientSampleId :
PB159778TB

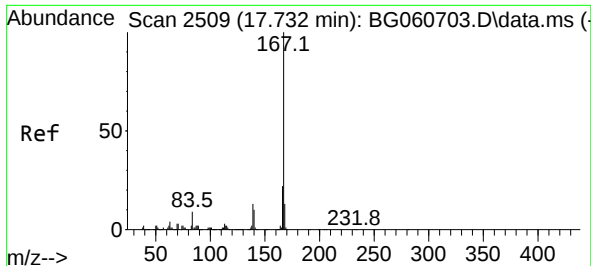
Tgt Ion:178 Resp: 63
Ion Ratio Lower Upper
178 100
176 0.0 15.8 23.6#
179 0.0 12.2 18.4#



#72
Anthracene
Concen: 0.003 ng
RT: 17.383 min Scan# 2450
Delta R.T. -0.091 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion:178 Resp: 63
Ion Ratio Lower Upper
178 100
176 0.0 15.5 23.3#
179 0.0 12.2 18.2#

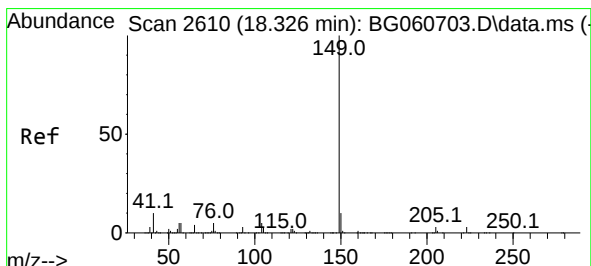
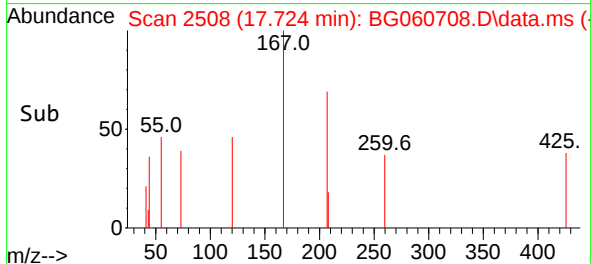
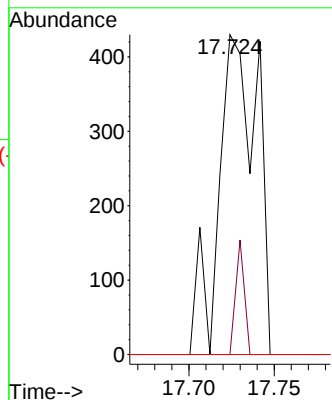
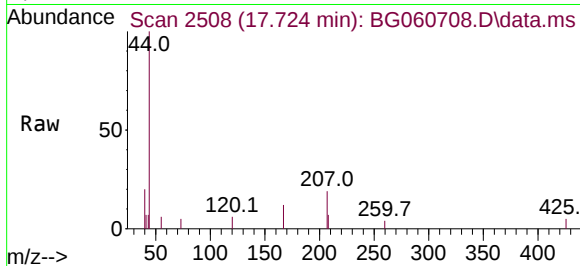




#73
Carbazole
Concen: 0.033 ng
RT: 17.724 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

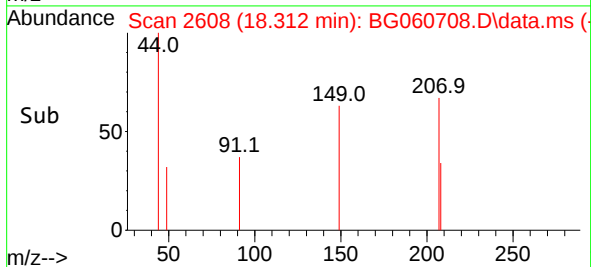
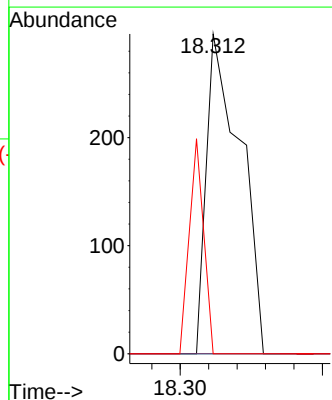
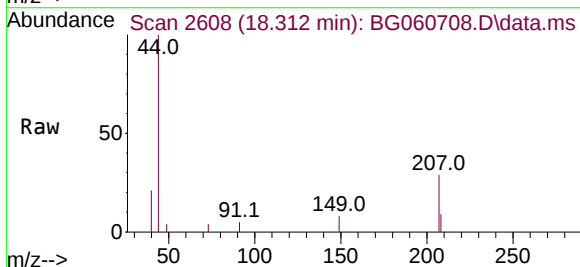
Instrument :
BNA_G
ClientSampleId :
PB159778TB

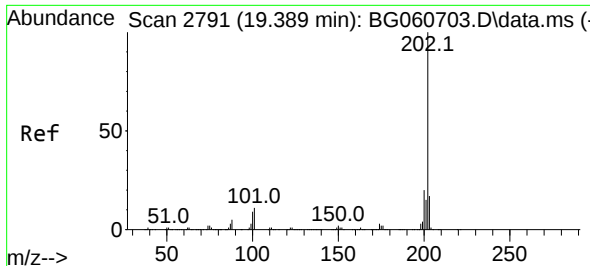
Tgt Ion:167 Resp: 673
Ion Ratio Lower Upper
167 100
166 0.0 18.0 27.0#
139 0.0 10.5 15.7#



#74
Di-n-butylphthalate
Concen: 0.010 ng
RT: 18.312 min Scan# 2608
Delta R.T. -0.014 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

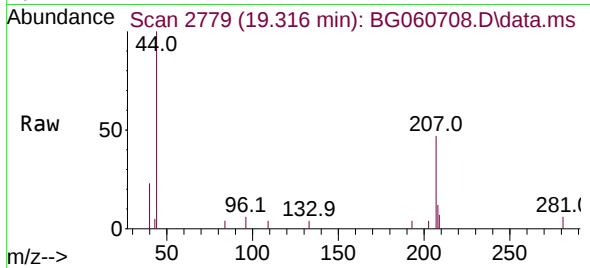
Tgt Ion:149 Resp: 245
Ion Ratio Lower Upper
149 100
150 0.0 7.7 11.5#
104 0.0 4.2 6.4#



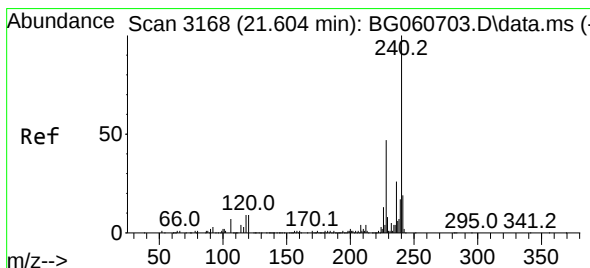
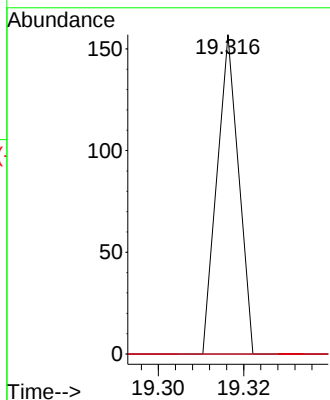
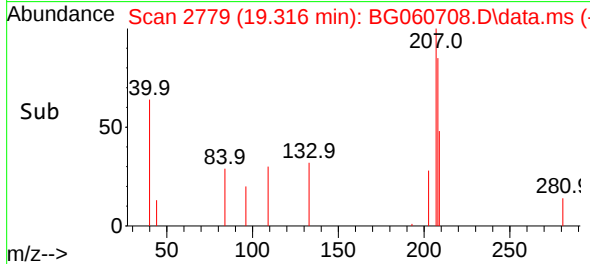


#75
Fluoranthene
Concen: 0.002 ng
RT: 19.316 min Scan# 21
Delta R.T. -0.073 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

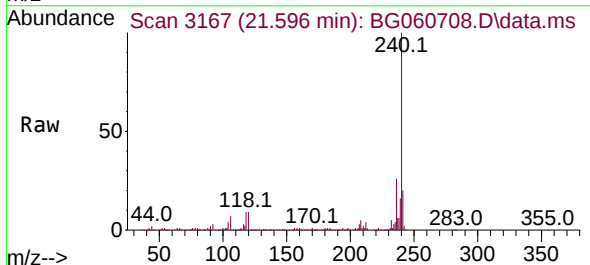
Instrument :
BNA_G
ClientSampleId :
PB159778TB



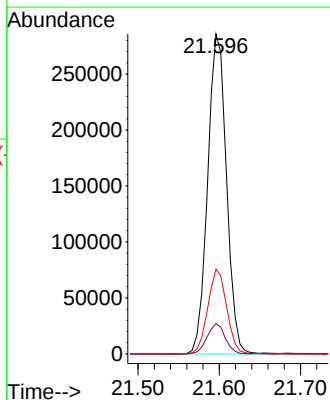
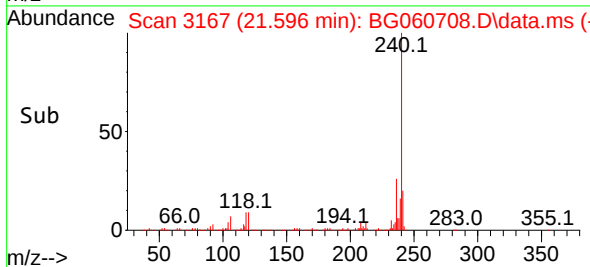
Tgt Ion:202 Resp: 55
Ion Ratio Lower Upper
202 100
101 0.0 0.0 30.8
203 0.0 0.0 37.4

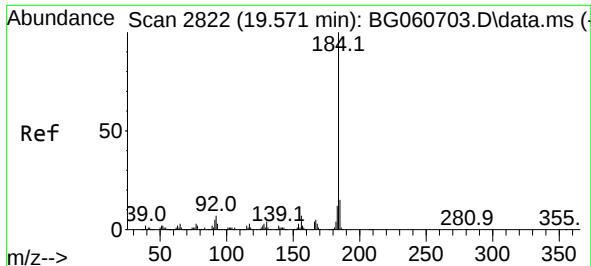


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.596 min Scan# 3167
Delta R.T. -0.008 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12



Tgt Ion:240 Resp: 460192
Ion Ratio Lower Upper
240 100
120 9.5 7.1 10.7
236 26.4 20.7 31.1

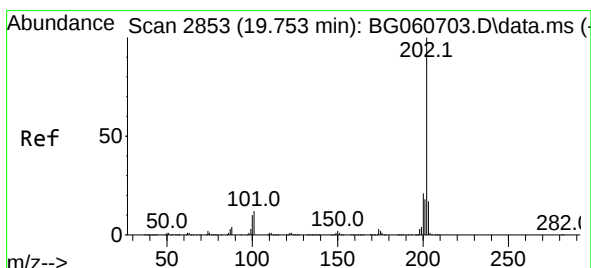
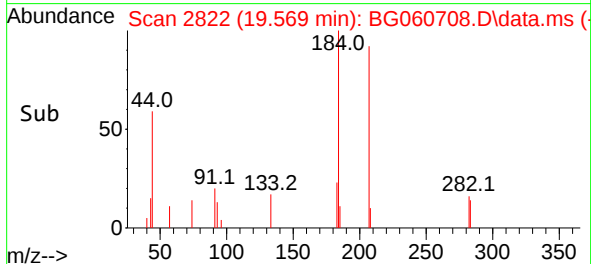
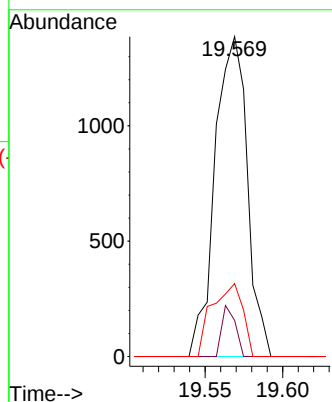
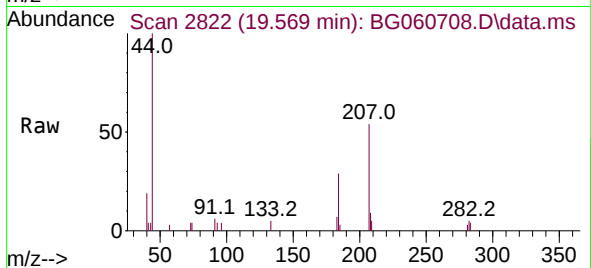




#77
Benzidine
Concen: 0.166 ng
RT: 19.569 min Scan# 2822
Delta R.T. -0.002 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

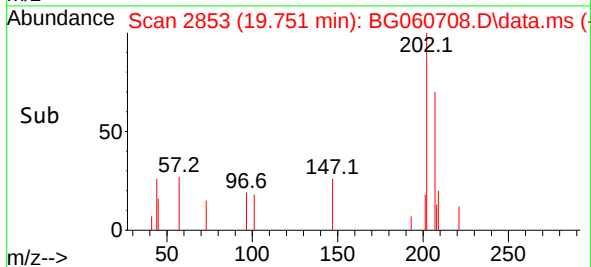
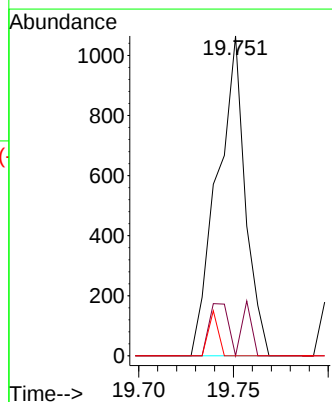
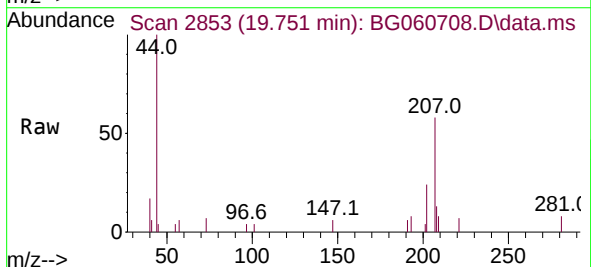
Instrument :
BNA_G
ClientSampleId :
PB159778TB

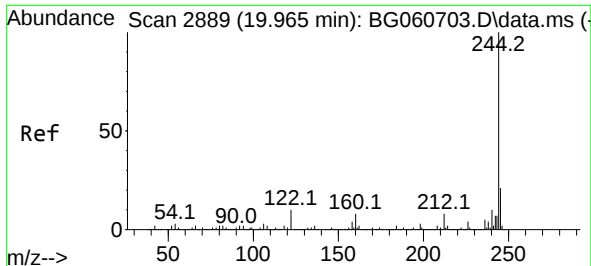
Tgt Ion:184 Resp: 2008
Ion Ratio Lower Upper
184 100
185 11.3 11.8 17.6#
183 22.8 9.5 14.3#



#78
Pyrene
Concen: 0.034 ng
RT: 19.751 min Scan# 2853
Delta R.T. -0.002 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion:202 Resp: 1092
Ion Ratio Lower Upper
202 100
200 0.0 17.0 25.4#
203 0.0 14.0 21.0#

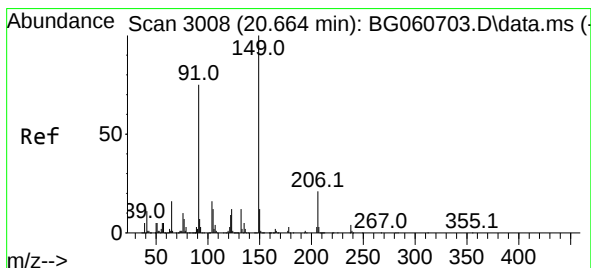
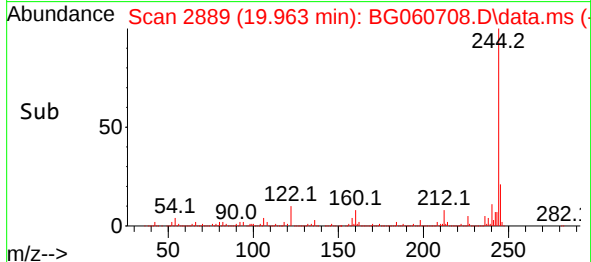
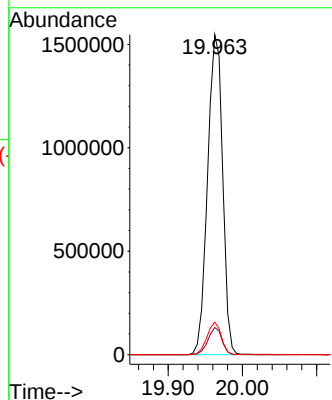
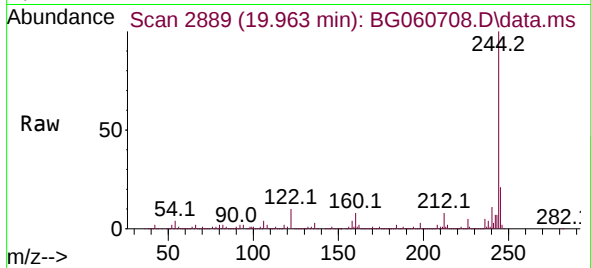




#79
 Terphenyl-d14
 Concen: 83.134 ng
 RT: 19.963 min Scan# 2889
 Delta R.T. -0.002 min
 Lab File: BG060708.D
 Acq: 29 Mar 2024 18:12

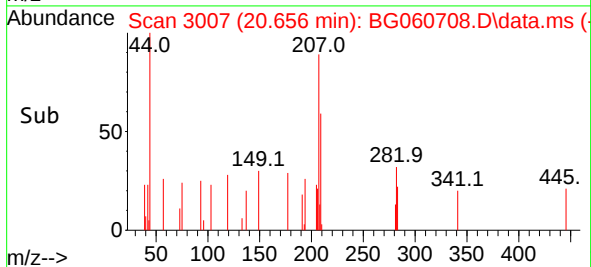
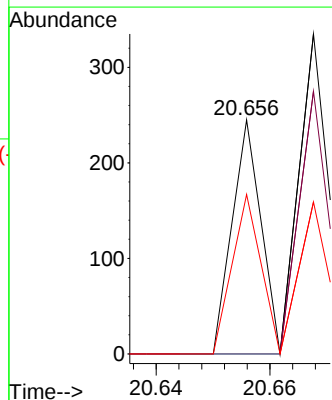
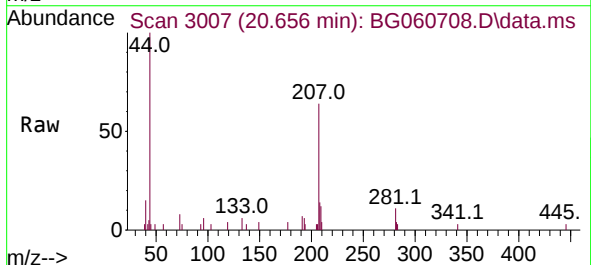
Instrument :
 BNA_G
 ClientSampleId :
 PB159778TB

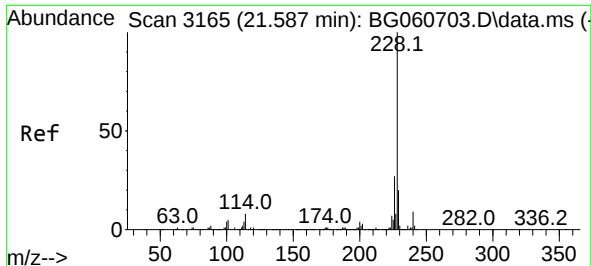
Tgt Ion:244 Resp: 2172689
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.2 9.2
 122 10.1 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 0.007 ng
 RT: 20.656 min Scan# 3007
 Delta R.T. -0.008 min
 Lab File: BG060708.D
 Acq: 29 Mar 2024 18:12

Tgt Ion:149 Resp: 86
 Ion Ratio Lower Upper
 149 100
 91 0.0 60.1 90.1#
 206 68.2 16.8 25.2#

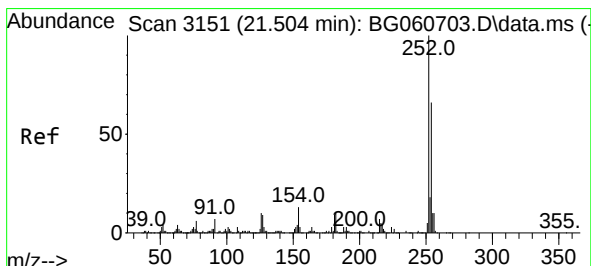
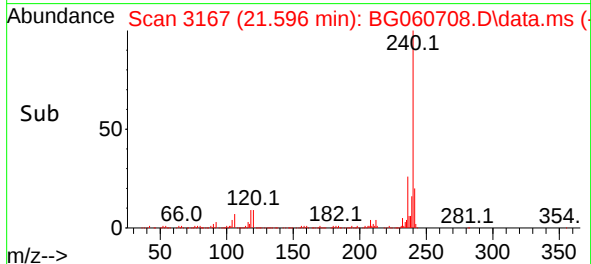
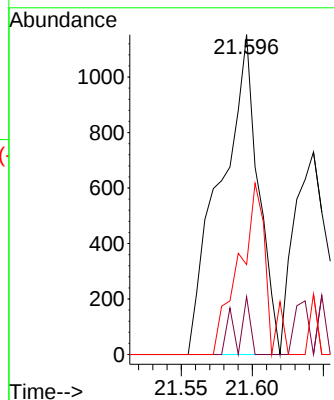
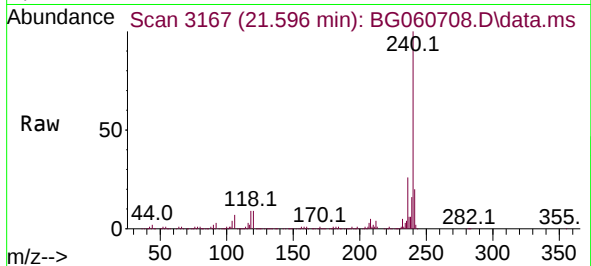




#81
Benzo(a)anthracene
Concen: 0.066 ng
RT: 21.596 min Scan# 3165
Delta R.T. 0.009 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

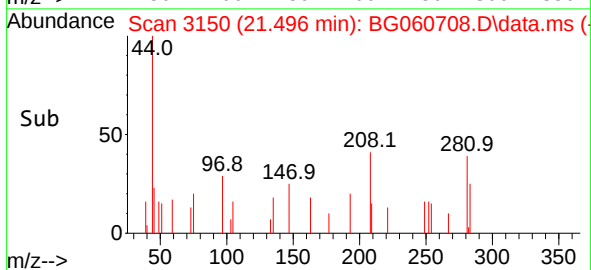
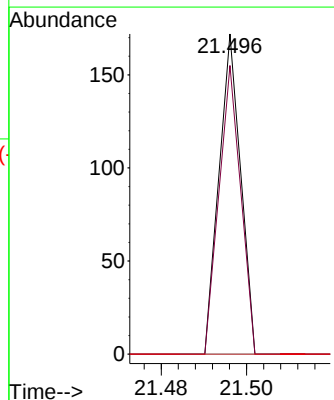
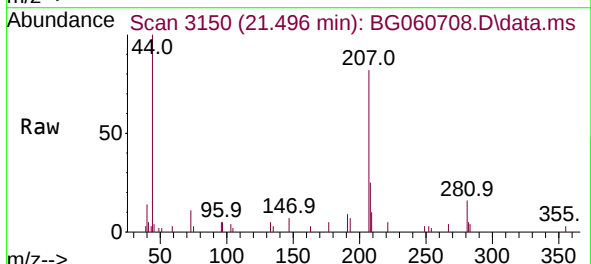
Instrument :
BNA_G
ClientSampleId :
PB159778TB

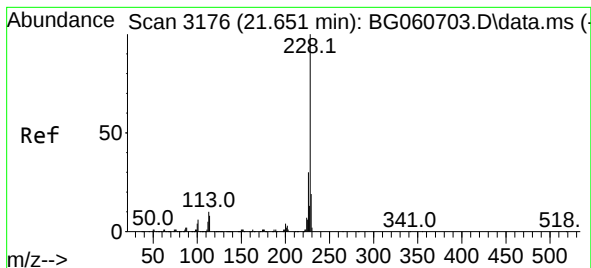
Tgt Ion:228 Resp: 2125
Ion Ratio Lower Upper
228 100
226 18.0 21.7 32.5#
229 28.1 15.8 23.8#



#82
3,3'-Dichlorobenzidine
Concen: 0.006 ng
RT: 21.496 min Scan# 3150
Delta R.T. -0.008 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion:252 Resp: 61
Ion Ratio Lower Upper
252 100
254 90.1 52.6 78.8#
126 0.0 7.8 11.8#





#83

Chrysene

Concen: 0.039 ng

RT: 21.643 min Scan# 3176

Delta R.T. -0.008 min

Lab File: BG060708.D

Acq: 29 Mar 2024 18:12

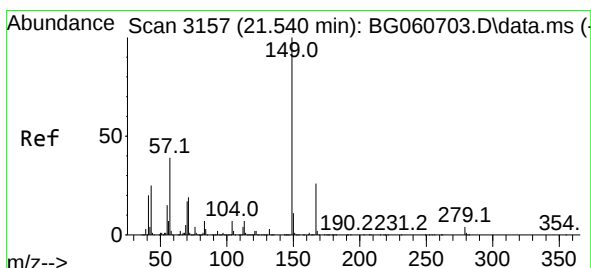
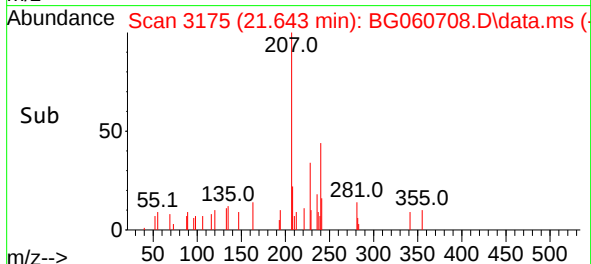
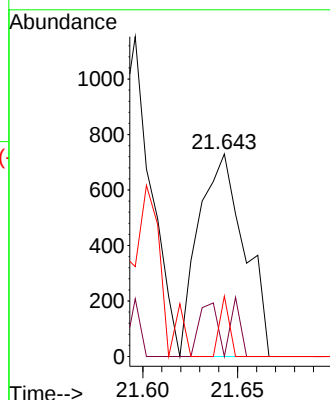
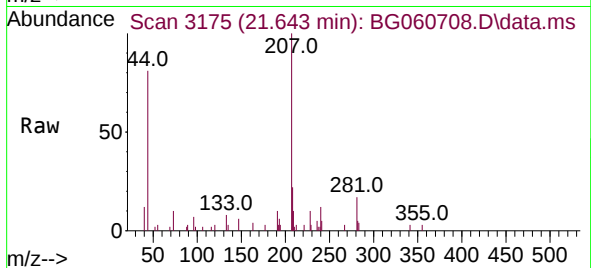
Instrument :

BNA_G

ClientSampleId :

PB159778TB

Tgt Ion:	228	Resp:	1227
Ion Ratio	Lower	Upper	
228	100		
226	0.0	24.2	36.4#
229	29.9	15.5	23.3#



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.028 ng

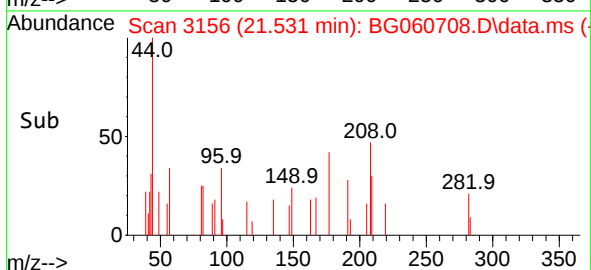
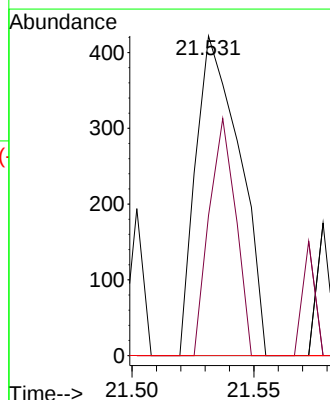
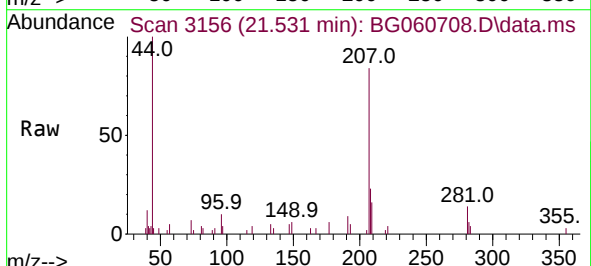
RT: 21.531 min Scan# 3156

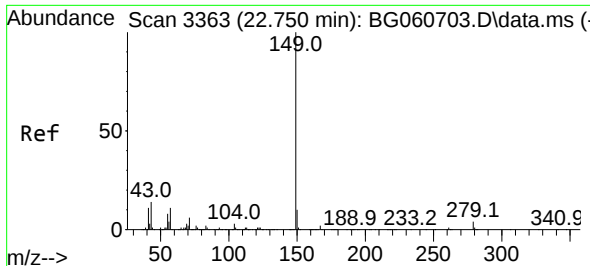
Delta R.T. -0.008 min

Lab File: BG060708.D

Acq: 29 Mar 2024 18:12

Tgt Ion:	149	Resp:	529
Ion Ratio	Lower	Upper	
149	100		
167	43.8	20.6	30.8#
279	0.0	3.0	4.4#

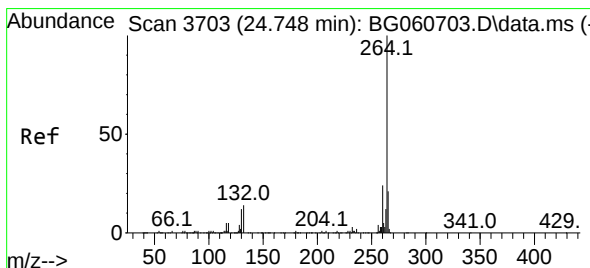
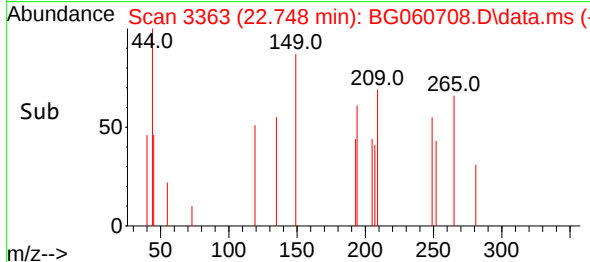
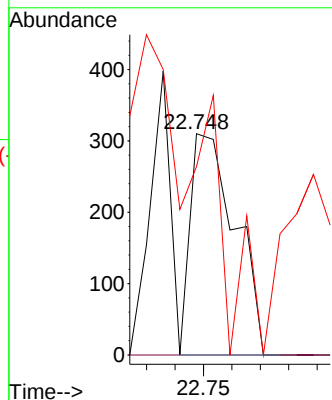
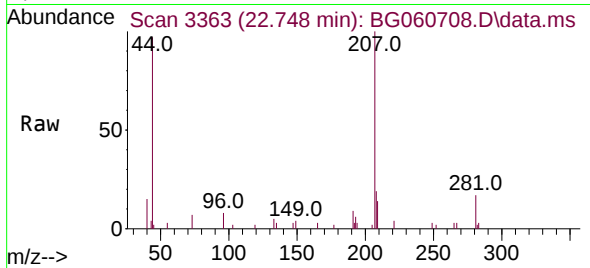




#85
Di-n-octyl phthalate
Concen: 0.011 ng
RT: 22.748 min Scan# 3363
Delta R.T. -0.002 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

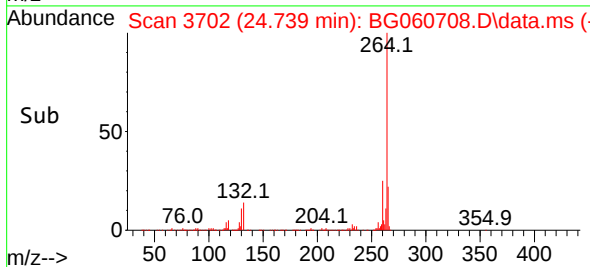
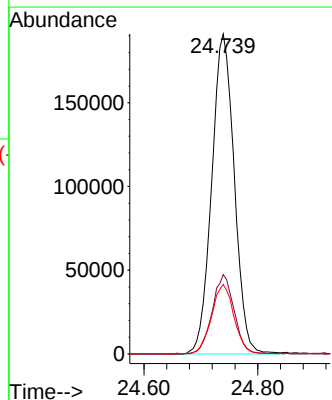
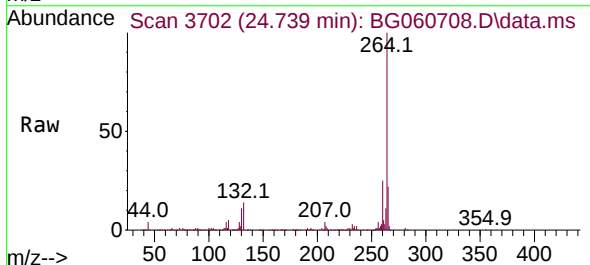
Instrument :
BNA_G
ClientSampleId :
PB159778TB

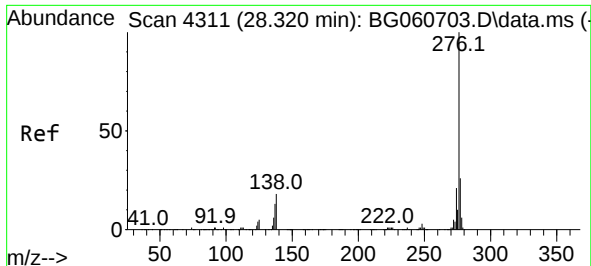
Tgt Ion:149 Resp: 341
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 11.3 16.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.739 min Scan# 3702
Delta R.T. -0.008 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion:264 Resp: 525929
Ion Ratio Lower Upper
264 100
260 24.8 19.5 29.3
265 21.7 16.9 25.3

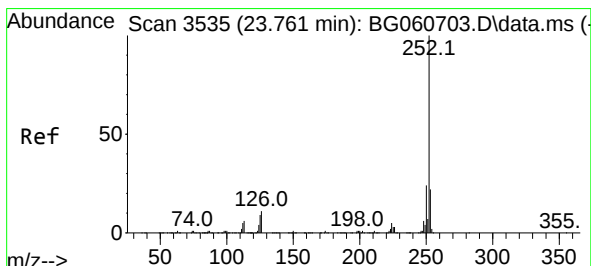
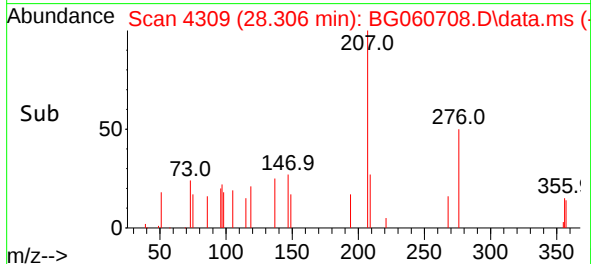
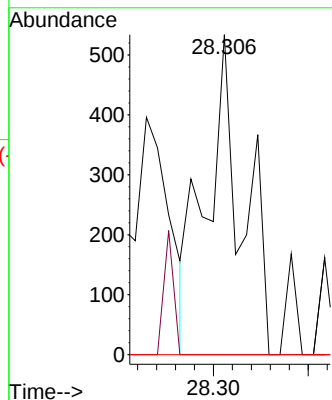
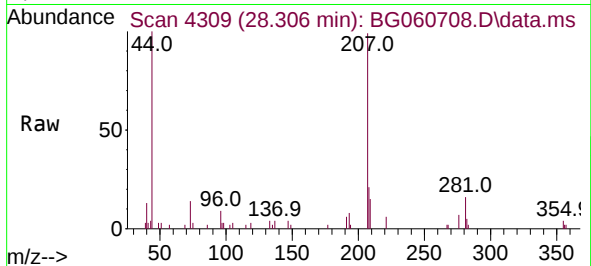




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 0.019 ng
 RT: 28.306 min Scan# 4311
 Delta R.T. -0.014 min
 Lab File: BG060708.D
 Acq: 29 Mar 2024 18:12

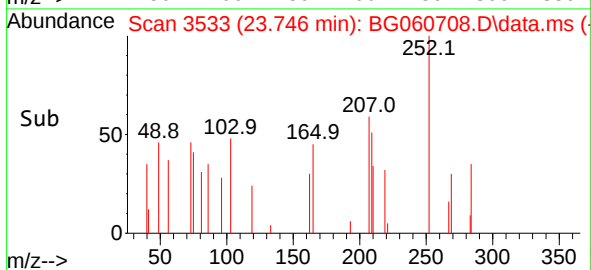
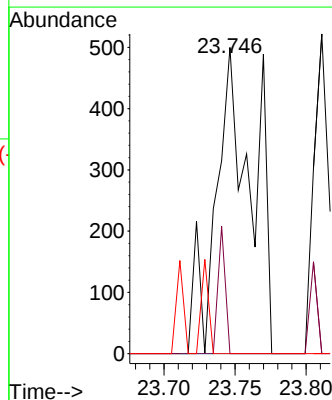
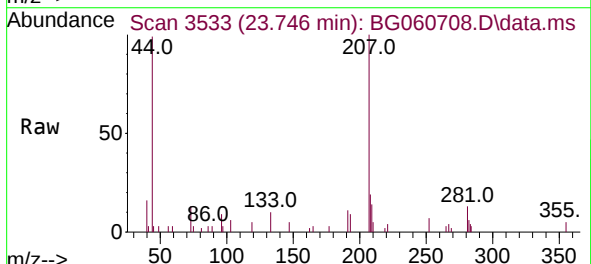
Instrument :
 BNA_G
 ClientSampleId :
 PB159778TB

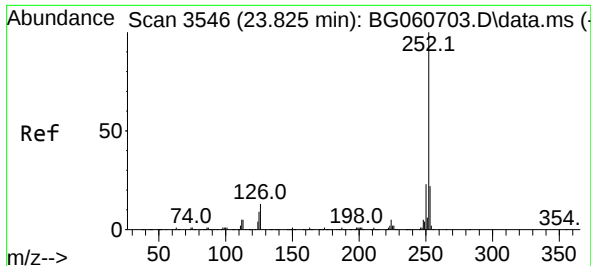
Tgt Ion:276 Resp: 710
 Ion Ratio Lower Upper
 276 100
 138 0.0 12.4 18.6#
 277 0.0 20.2 30.2#



#88
 Benzo(b)fluoranthene
 Concen: 0.029 ng
 RT: 23.746 min Scan# 3533
 Delta R.T. -0.014 min
 Lab File: BG060708.D
 Acq: 29 Mar 2024 18:12

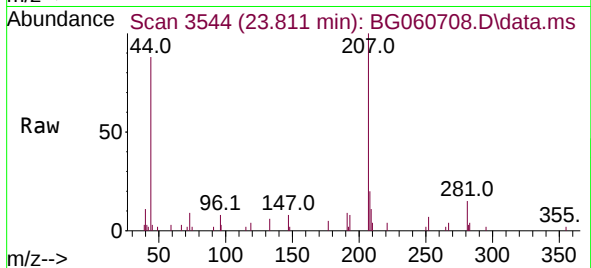
Tgt Ion:252 Resp: 890
 Ion Ratio Lower Upper
 252 100
 253 0.0 17.8 26.8#
 125 0.0 7.1 10.7#



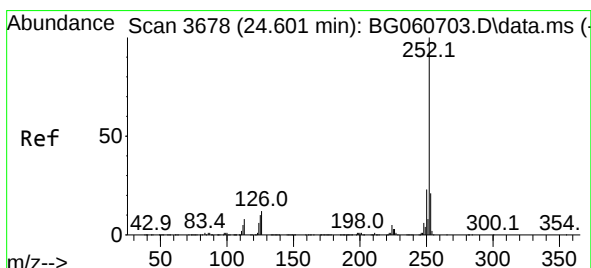
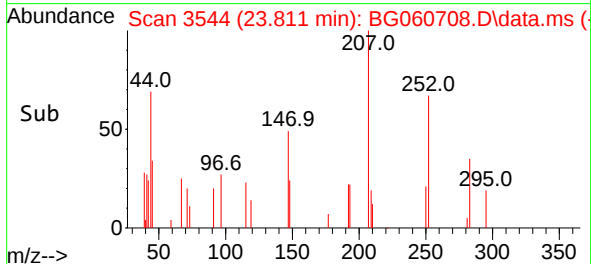
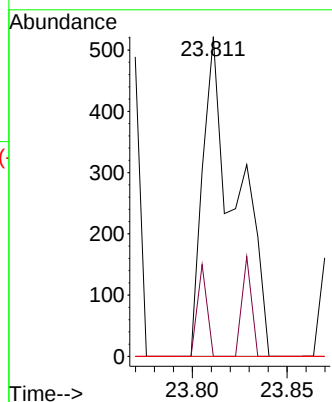


#89
Benzo(k)fluoranthene
Concen: 0.021 ng
RT: 23.811 min Scan# 31
Delta R.T. -0.014 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Instrument :
BNA_G
ClientSampleId :
PB159778TB

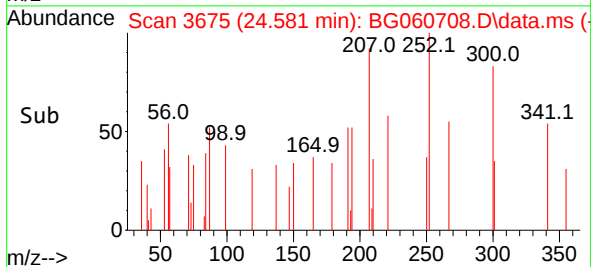
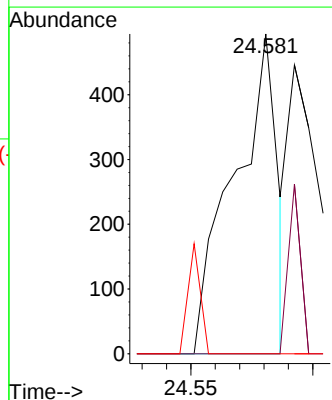
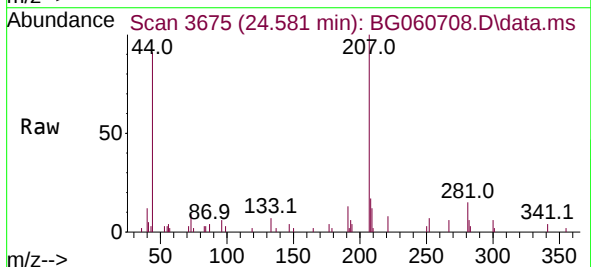


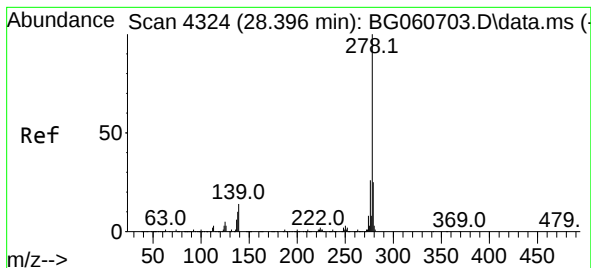
Tgt Ion:252 Resp: 637
Ion Ratio Lower Upper
252 100
253 0.0 17.6 26.4#
125 0.0 7.5 11.3#



#90
Benzo(a)pyrene
Concen: 0.021 ng
RT: 24.581 min Scan# 3675
Delta R.T. -0.020 min
Lab File: BG060708.D
Acq: 29 Mar 2024 18:12

Tgt Ion:252 Resp: 614
Ion Ratio Lower Upper
252 100
253 0.0 16.8 25.2#
125 0.0 7.6 11.4#





#91

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 28.382 min Scan# 4324

Delta R.T. -0.014 min

Lab File: BG060708.D

Acq: 29 Mar 2024 18:12

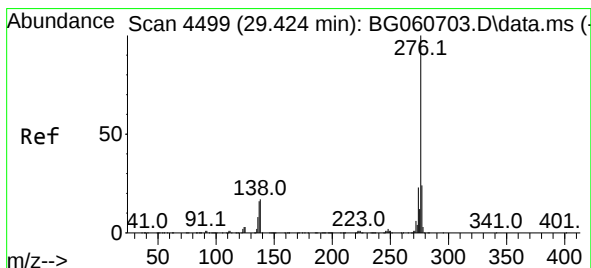
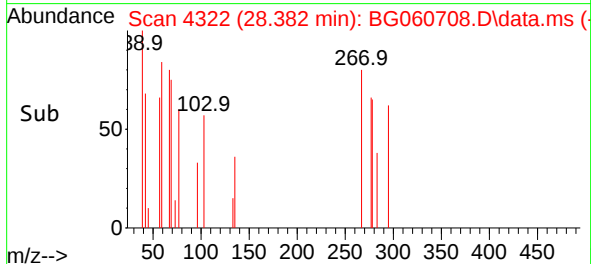
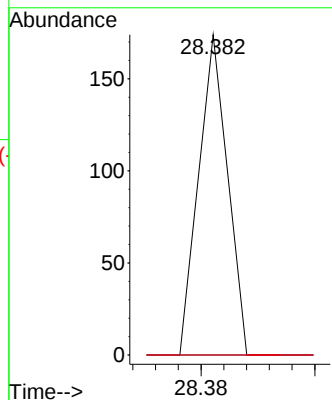
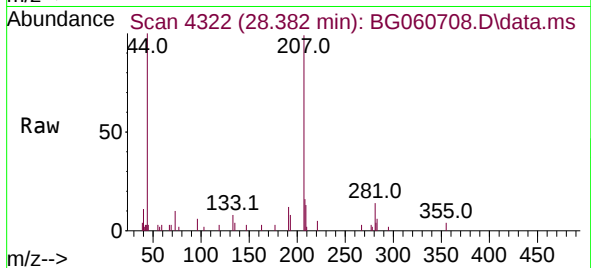
Instrument :

BNA_G

ClientSampleId :

PB159778TB

Tgt Ion:	278	Resp:	61
Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.1	16.7#
279	0.0	19.8	29.6#



#92

Benzo(g,h,i)perylene

Concen: 0.003 ng

RT: 29.416 min Scan# 4498

Delta R.T. -0.008 min

Lab File: BG060708.D

Acq: 29 Mar 2024 18:12

Tgt Ion:	276	Resp:	78
Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.9	28.3#
138	0.0	14.0	21.0#

