

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
 Data File : BG060999.D
 Acq On : 22 Apr 2024 20:11
 Operator : MA/JU
 Sample : P2126-07MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1CMSD

Quant Time: Apr 23 02:21:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	27435	20.000	ng	0.00
21) Naphthalene-d8	10.741	136	98634	20.000	ng	# 0.00
39) Acenaphthene-d10	14.571	164	76091	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	183385	20.000	ng	0.00
76) Chrysene-d12	21.593	240	188604	20.000	ng	0.01
86) Perylene-d12	24.724	264	229469	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	130347	96.103	ng	0.00
7) Phenol-d6	7.115	99	170400	84.674	ng	0.00
23) Nitrobenzene-d5	9.095	82	129117	58.814	ng	0.00
42) 2,4,6-Tribromophenol	16.064	330	151461	90.646	ng	0.00
45) 2-Fluorobiphenyl	13.197	172	336764	61.254	ng	0.00
79) Terphenyl-d14	19.942	244	664552	54.693	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.449	88	15761	33.576	ng	92
3) Pyridine	3.837	79	43271	29.822	ng	93
4) n-Nitrosodimethylamine	3.755	42	48770	37.372	ng	92
6) Aniline	7.268	93	29713	12.285	ng	# 94
8) 2-Chlorophenol	7.509	128	72245	42.749	ng	94
9) Benzaldehyde	7.080	77	3753	3.626	ng	# 85
10) Phenol	7.145	94	83892	41.959	ng	94
11) bis(2-Chloroethyl)ether	7.362	93	56246	39.320	ng	93
12) 1,3-Dichlorobenzene	7.832	146	83798	44.714	ng	97
13) 1,4-Dichlorobenzene	7.979	146	84611	43.831	ng	95
14) 1,2-Dichlorobenzene	8.296	146	83441	44.229	ng	97
15) Benzyl Alcohol	8.179	79	73080	38.462	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.461	45	121463	39.006	ng	99
17) 2-Methylphenol	8.390	107	62551	38.746	ng	95
18) Hexachloroethane	9.025	117	31225	44.890	ng	99
19) n-Nitroso-di-n-propyla...	8.743	70	52794	35.202	ng	96
20) 3+4-Methylphenols	8.714	107	85992	38.087	ng	98
22) Acetophenone	8.761	105	116666	42.359	ng	95
24) Nitrobenzene	9.142	77	87456	41.458	ng	95
25) Isophorone	9.665	82	146963	40.001	ng	96
26) 2-Nitrophenol	9.847	139	42804	43.173	ng	93
27) 2,4-Dimethylphenol	9.918	122	54212	34.114	ng	92
28) bis(2-Chloroethoxy)met...	10.147	93	78809	40.777	ng	91
29) 2,4-Dichlorophenol	10.388	162	83976	45.786	ng	99
30) 1,2,4-Trichlorobenzene	10.600	180	96233	47.554	ng	93
31) Naphthalene	10.793	128	425929	78.876	ng	98
32) Benzoic acid	10.071	122	47564	39.283	ng	90
33) 4-Chloroaniline	10.893	127	28218	11.503	ng	95
34) Hexachlorobutadiene	11.075	225	79685	44.775	ng	98
35) Caprolactam	11.675	113	21025	35.990	ng	# 78
36) 4-Chloro-3-methylphenol	12.027	107	81625	38.159	ng	98
37) 2-Methylnaphthalene	12.397	142	215279	50.704	ng	95
38) 1-Methylnaphthalene	12.615	142	190498	48.081	ng	95
40) 1,2,4,5-Tetrachloroben...	12.768	216	136115	50.337	ng	99
41) Hexachlorocyclopentadiene	12.744	237	54604	34.319	ng	95
43) 2,4,6-Trichlorophenol	13.008	196	81535	45.870	ng	98

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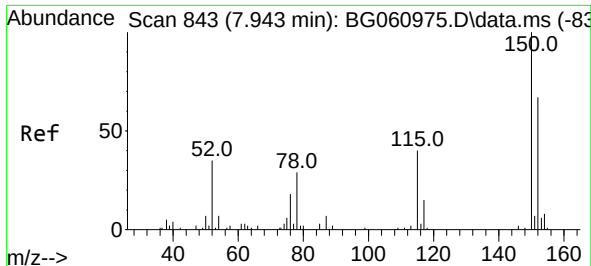
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.085	196	88051	41.876	ng	98
46) 1,1'-Biphenyl	13.408	154	255455	49.841	ng	98
47) 2-Chloronaphthalene	13.449	162	187266	47.653	ng	97
48) 2-Nitroaniline	13.649	65	65357	41.208	ng	95
49) Acenaphthylene	14.295	152	309259	46.727	ng	100
50) Dimethylphthalate	14.031	163	246534	39.291	ng	98
51) 2,6-Dinitrotoluene	14.148	165	52087	39.785	ng	93
52) Acenaphthene	14.642	154	311008	77.335	ng	98
53) 3-Nitroaniline	14.471	138	34165	26.465	ng	99
54) 2,4-Dinitrophenol	14.683	184	25088	32.932	ng	92
55) Dibenzofuran	14.971	168	429499	61.848	ng	96
56) 4-Nitrophenol	14.795	139	81370	87.980	ng	96
57) 2,4-Dinitrotoluene	14.942	165	77466	41.083	ng	97
58) Fluorene	15.623	166	412714	70.411	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.118	232	93013	43.829	ng	94
60) Diethylphthalate	15.394	149	242629	39.265	ng	98
61) 4-Chlorophenyl-phenyle...	15.617	204	147578	40.824	ng	97
62) 4-Nitroaniline	15.635	138	49879	35.832	ng	91
63) Azobenzene	15.911	77	204010	40.591	ng	92
65) 4,6-Dinitro-2-methylph...	15.705	198	23214	20.501	ng	97
66) n-Nitrosodiphenylamine	15.829	169	221641	43.869	ng	97
67) 4-Bromophenyl-phenylether	16.510	248	107039	44.227	ng	97
68) Hexachlorobenzene	16.634	284	128809	48.183	ng	99
69) Atrazine	16.786	200	96209	50.879	ng	98
70) Pentachlorophenol	16.980	266	170843	97.459	ng	98
71) Phenanthrene	17.380	178	3075277	328.536	ng	95
72) Anthracene	17.462	178	1016902	105.482	ng	98
73) Carbazole	17.726	167	658889	82.294	ng	98
74) Di-n-butylphthalate	18.291	149	400131	41.163	ng	99
75) Fluoranthene	19.395	202	4098512	329.921	ng	87
77) Benzidine	19.560	184	118813	33.999	ng	99
78) Pyrene	19.759	202	3691582	287.462	ng	# 91
80) Butylbenzylphthalate	20.635	149	175933	41.103	ng	98
81) Benzo(a)anthracene	21.581	228	2332006	175.868	ng	93
82) 3,3'-Dichlorobenzidine	21.487	252	150829	31.474	ng	99
83) Chrysene	21.645	228	2142568	169.714	ng	97
84) Bis(2-ethylhexyl)phtha...	21.493	149	260978	41.937	ng	98
85) Di-n-octyl phthalate	22.680	149	425519	41.186	ng	98
87) Indeno(1,2,3-cd)pyrene	28.302	276	1227304	77.100	ng	92
88) Benzo(b)fluoranthene	23.755	252	2434259	187.195	ng	100
89) Benzo(k)fluoranthene	23.819	252	1291928	98.416	ng	97
90) Benzo(a)pyrene	24.601	252	1941652	154.261	ng	99
91) Dibenzo(a,h)anthracene	28.361	278	566677	43.572	ng	99
92) Benzo(g,h,i)perylene	29.413	276	950004	73.671	ng	96

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

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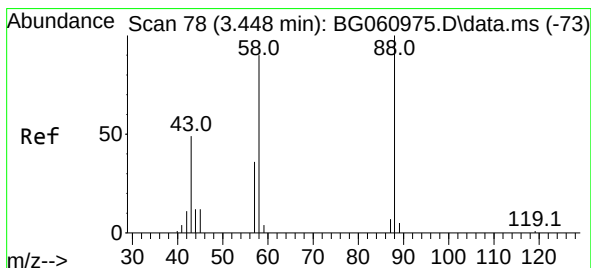
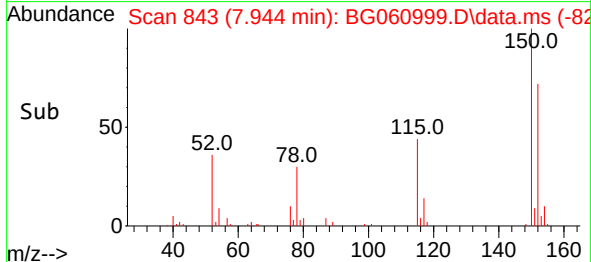
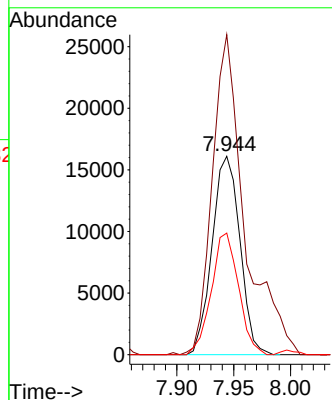
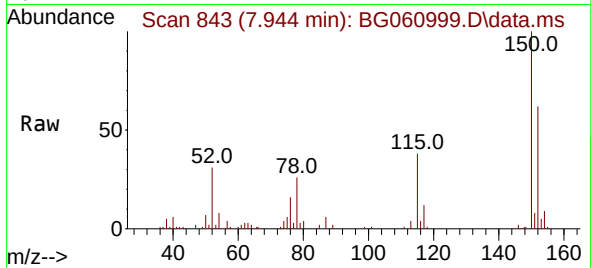




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.944 min Scan# 84
 Delta R.T. 0.001 min
 Lab File: BG060999.D
 Acq: 22 Apr 2024 20:11

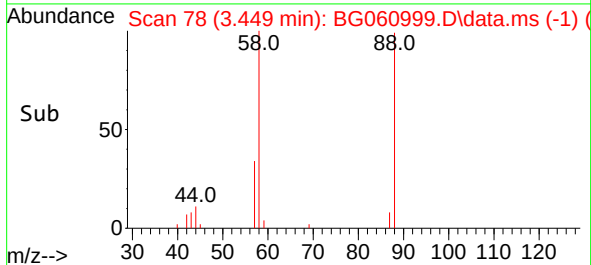
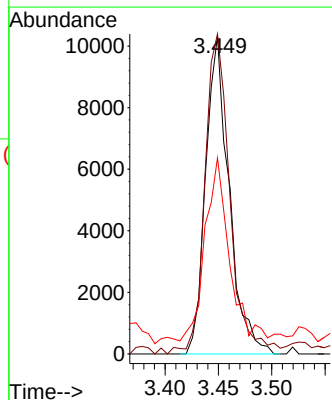
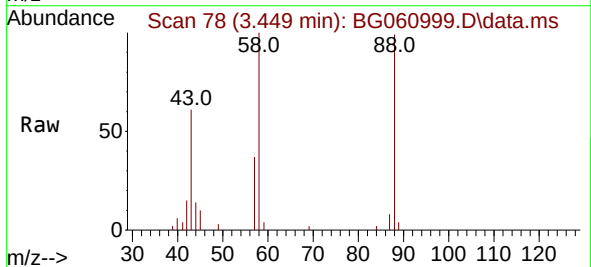
Instrument :
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 SP-1CMSD

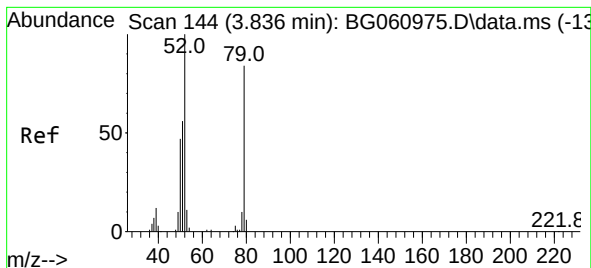
Tgt Ion:152 Resp: 27435
 Ion Ratio Lower Upper
 152 100
 150 161.2 118.6 178.0
 115 61.2 47.4 71.0



#2
 1,4-Dioxane
 Concen: 33.576 ng
 RT: 3.449 min Scan# 78
 Delta R.T. 0.001 min
 Lab File: BG060999.D
 Acq: 22 Apr 2024 20:11

Tgt Ion: 88 Resp: 15761
 Ion Ratio Lower Upper
 88 100
 58 107.8 80.2 120.2
 43 60.5 43.4 65.0





#3

Pyridine

Concen: 29.822 ng

RT: 3.837 min Scan# 144

Delta R.T. 0.001 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

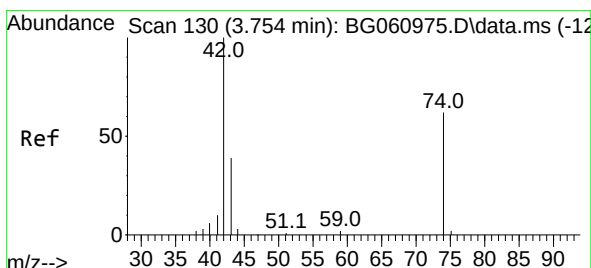
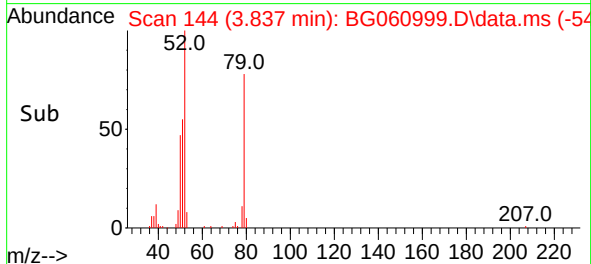
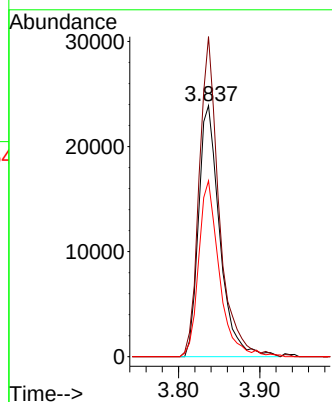
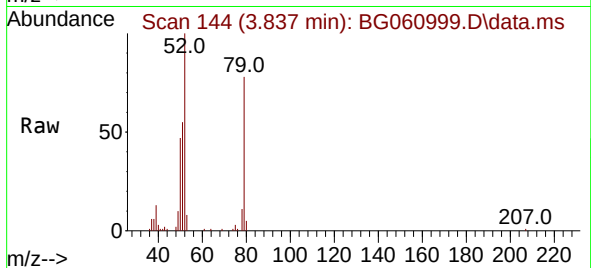
Tgt Ion: 79 Resp: 43271

Ion Ratio Lower Upper

79 100

52 127.5 95.0 142.6

51 70.0 53.3 79.9



#4

n-Nitrosodimethylamine

Concen: 37.372 ng

RT: 3.755 min Scan# 130

Delta R.T. 0.001 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

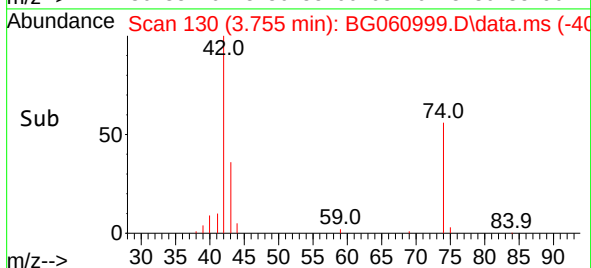
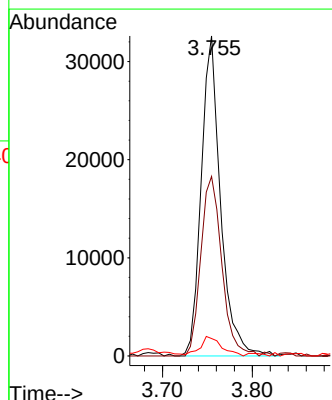
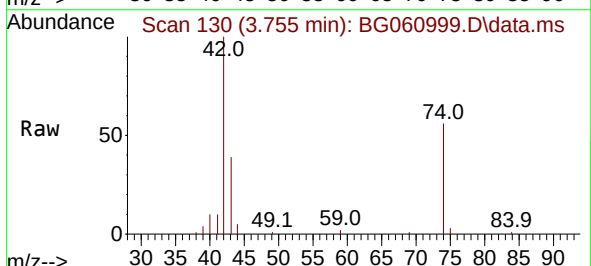
Tgt Ion: 42 Resp: 48770

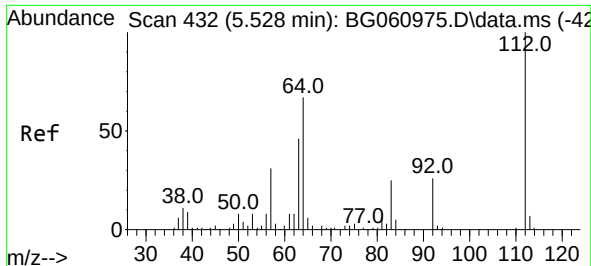
Ion Ratio Lower Upper

42 100

74 56.1 49.8 74.6

44 5.4 3.8 5.6

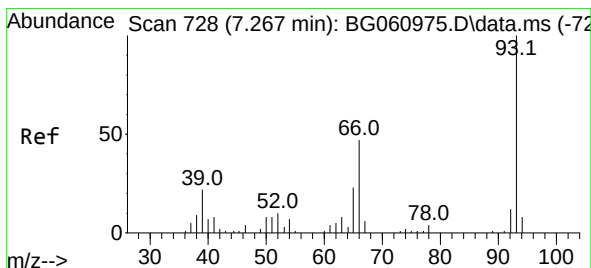
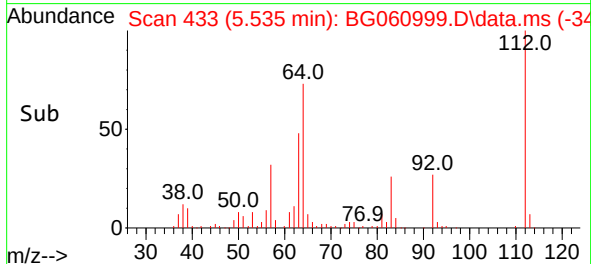
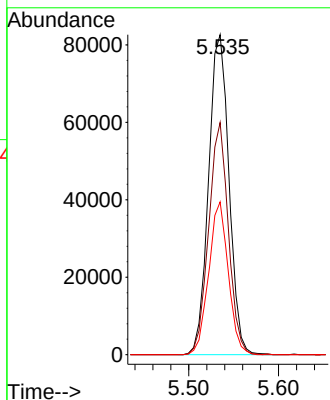
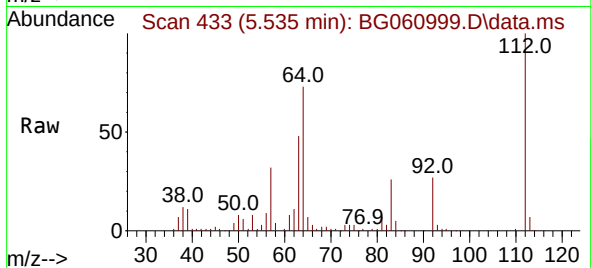




#5
2-Fluorophenol
Concen: 96.103 ng
RT: 5.535 min Scan# 411
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

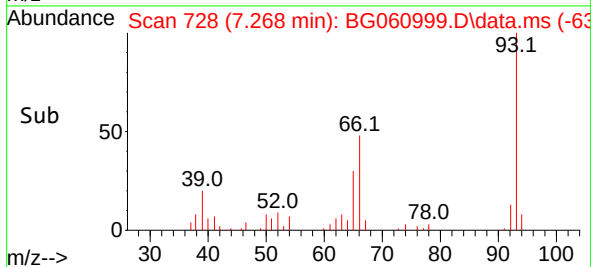
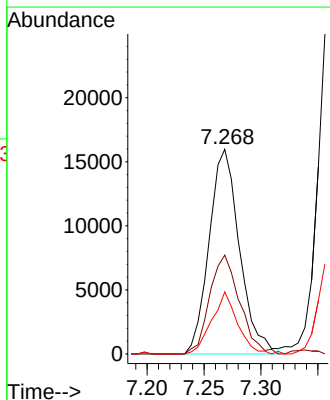
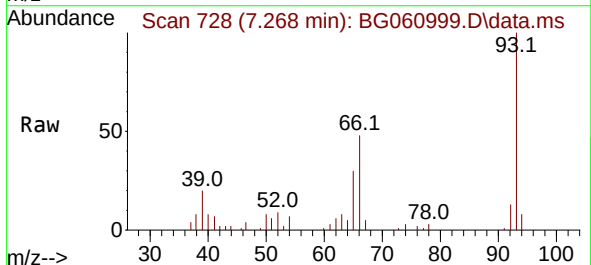
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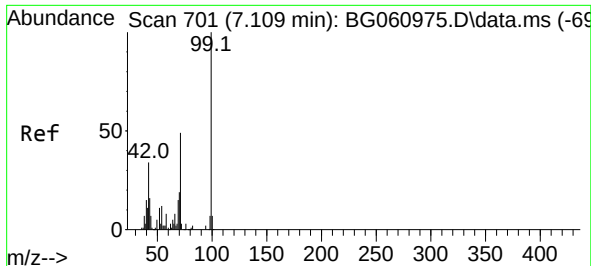
Tgt Ion:112 Resp: 130347
Ion Ratio Lower Upper
112 100
64 72.5 53.7 80.5
63 47.8 37.0 55.6



#6
Aniline
Concen: 12.285 ng
RT: 7.268 min Scan# 728
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion: 93 Resp: 29713
Ion Ratio Lower Upper
93 100
66 48.3 37.9 56.9
65 30.3 18.2 27.4#

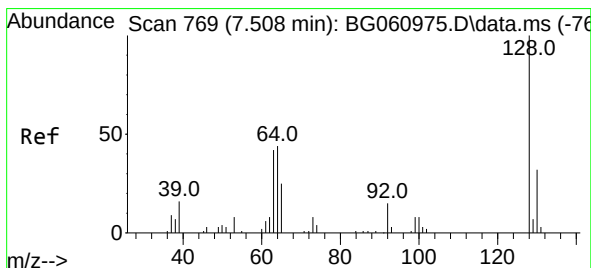
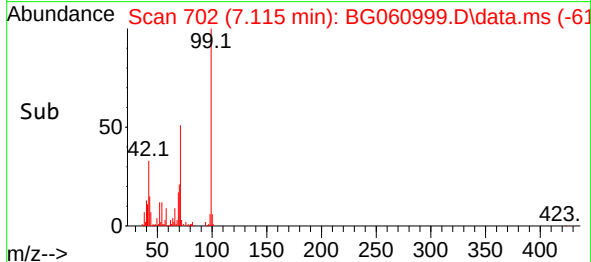
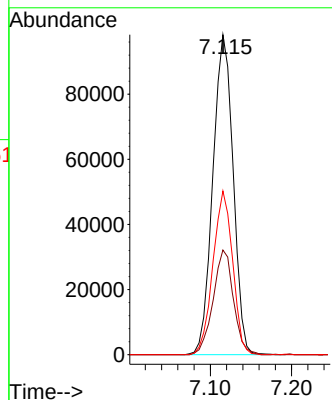
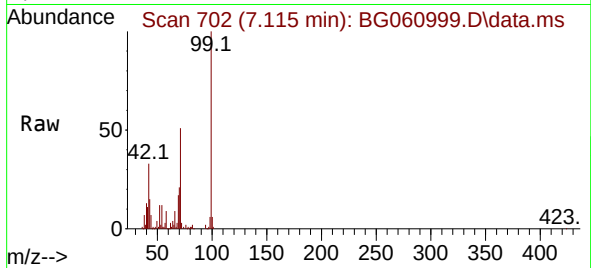




#7
Phenol-d6
Concen: 84.674 ng
RT: 7.115 min Scan# 701
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

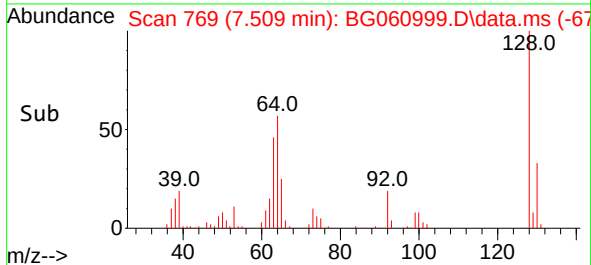
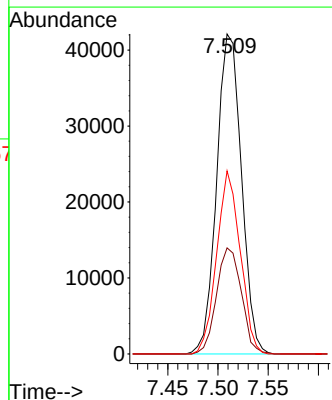
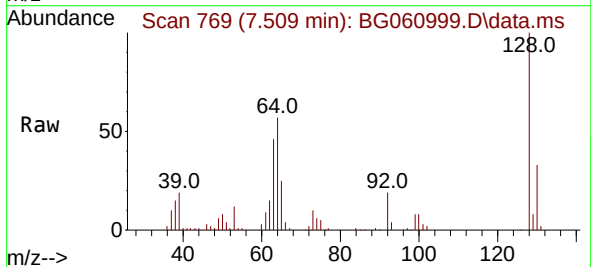
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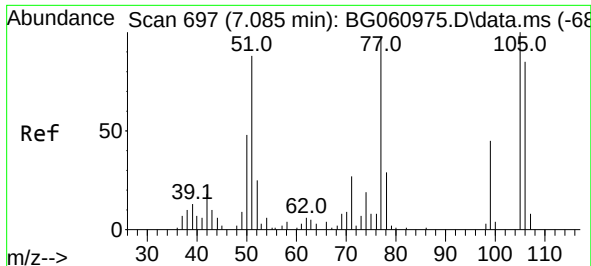
Tgt Ion: 99 Resp: 170400
Ion Ratio Lower Upper
99 100
42 32.7 27.2 40.8
71 51.2 38.8 58.2



#8
2-Chlorophenol
Concen: 42.749 ng
RT: 7.509 min Scan# 769
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:128 Resp: 72245
Ion Ratio Lower Upper
128 100
130 33.2 12.2 52.2
64 57.2 30.8 70.8

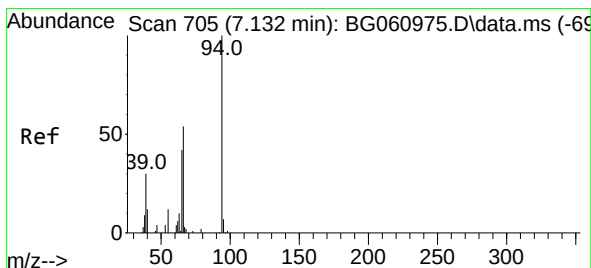
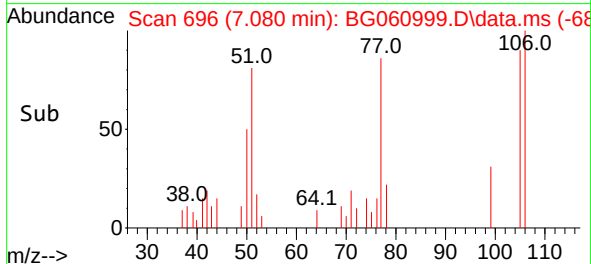
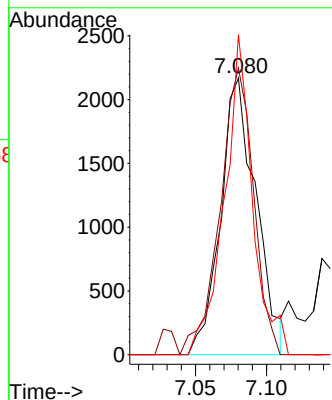
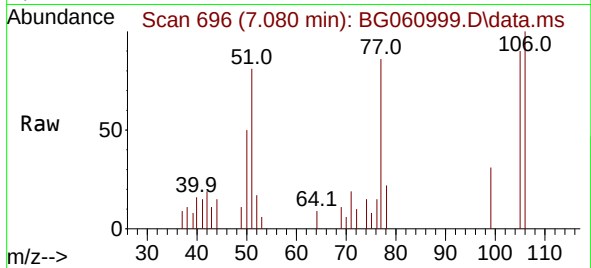




#9
Benzaldehyde
Concen: 3.626 ng
RT: 7.080 min Scan# 697
Delta R.T. -0.005 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

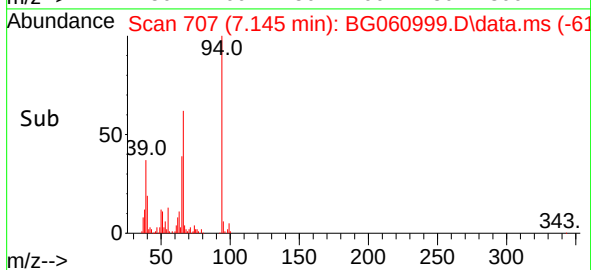
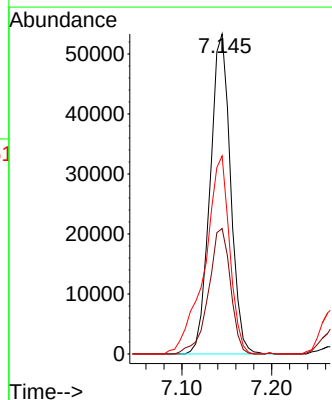
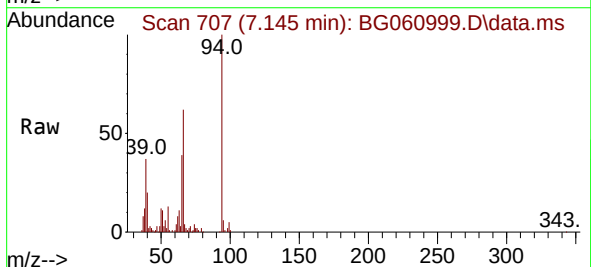
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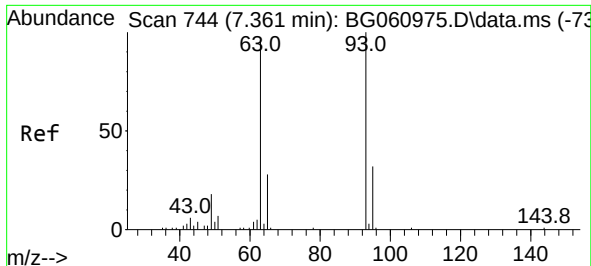
Tgt Ion: 77 Resp: 3753
Ion Ratio Lower Upper
77 100
105 103.6 81.7 121.7
106 115.7 66.7 106.7#



#10
Phenol
Concen: 41.959 ng
RT: 7.145 min Scan# 707
Delta R.T. 0.013 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion: 94 Resp: 83892
Ion Ratio Lower Upper
94 100
65 39.2 23.1 63.1
66 61.9 38.0 78.0

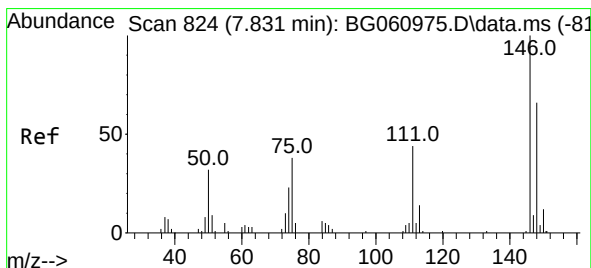
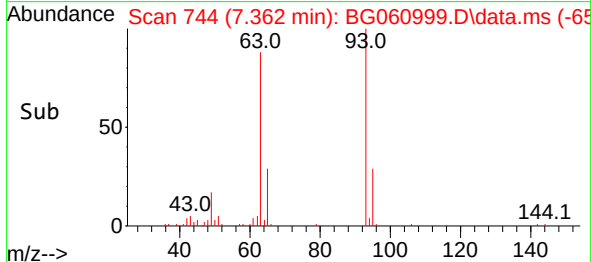
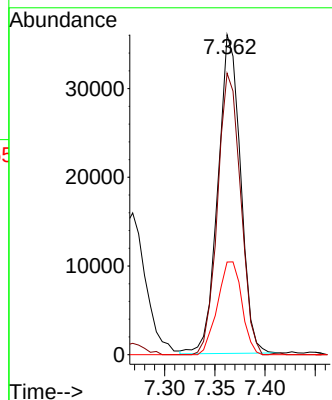
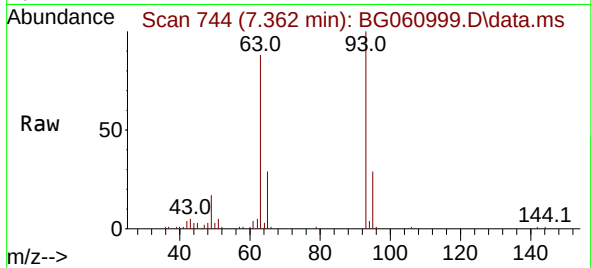




#11
bis(2-Chloroethyl)ether
Concen: 39.320 ng
RT: 7.362 min Scan# 744
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

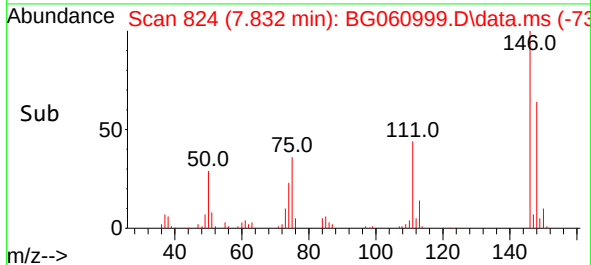
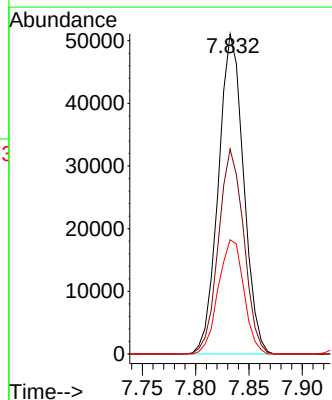
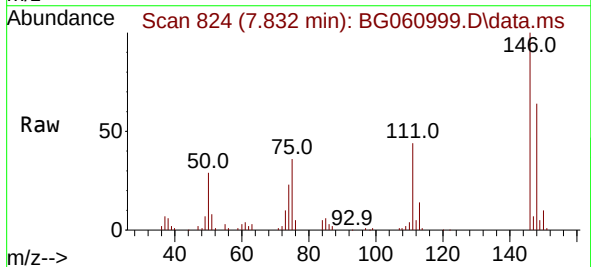
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

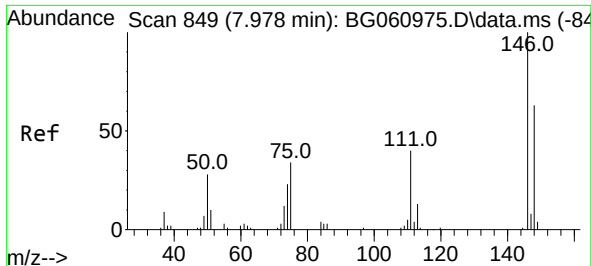
Tgt Ion: 93 Resp: 56246
Ion Ratio Lower Upper
93 100
63 88.0 75.6 115.6
95 29.0 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 44.714 ng
RT: 7.832 min Scan# 824
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:146 Resp: 83798
Ion Ratio Lower Upper
146 100
148 64.0 52.7 79.1
75 35.7 30.1 45.1

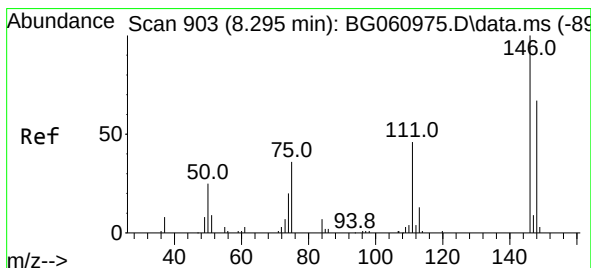
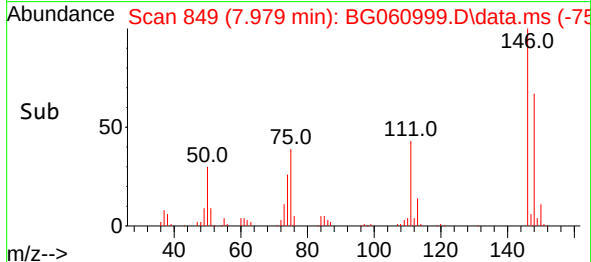
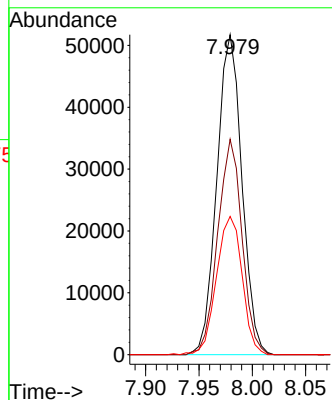
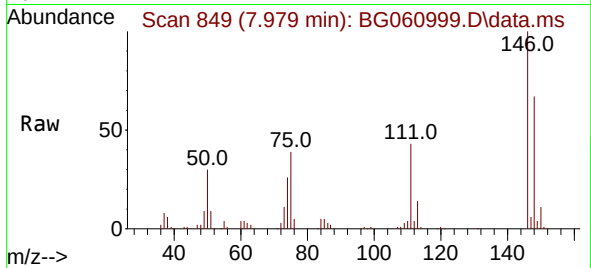




#13
1,4-Dichlorobenzene
Concen: 43.831 ng
RT: 7.979 min Scan# 849
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

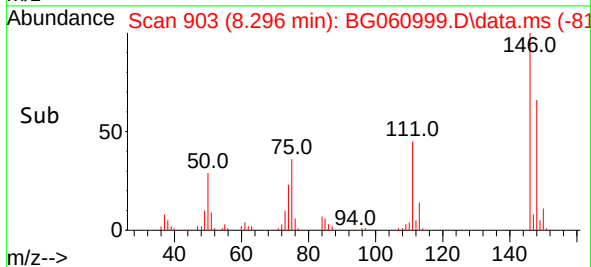
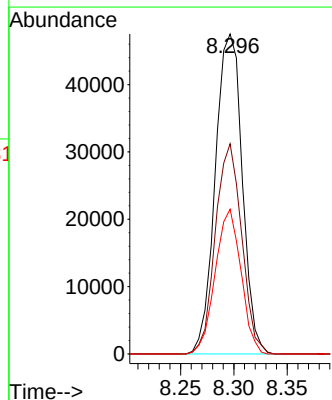
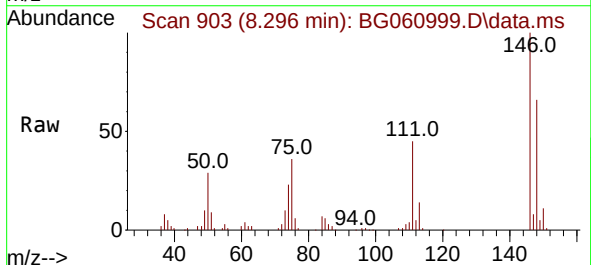
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

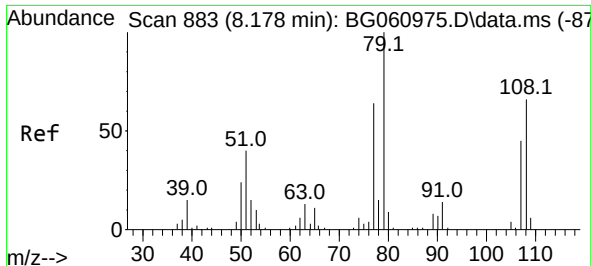
Tgt Ion:146 Resp: 84611
Ion Ratio Lower Upper
146 100
148 67.3 50.4 75.6
111 43.2 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 44.229 ng
RT: 8.296 min Scan# 903
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:146 Resp: 83441
Ion Ratio Lower Upper
146 100
148 65.7 53.8 80.8
111 45.2 38.2 57.2

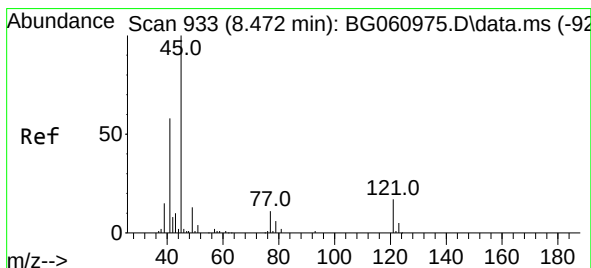
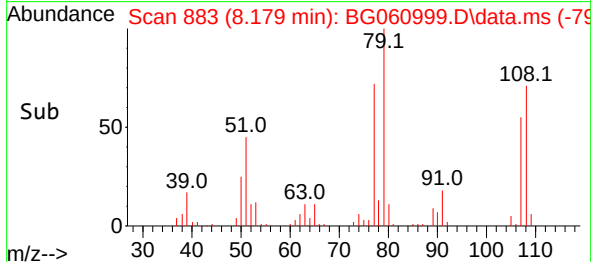
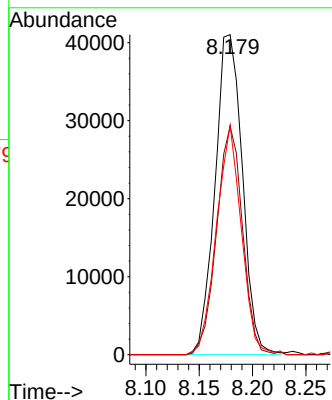
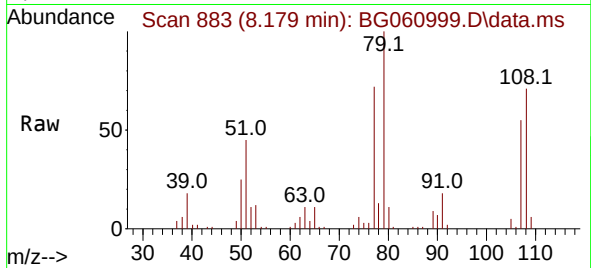




#15
Benzyl Alcohol
Concen: 38.462 ng
RT: 8.179 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

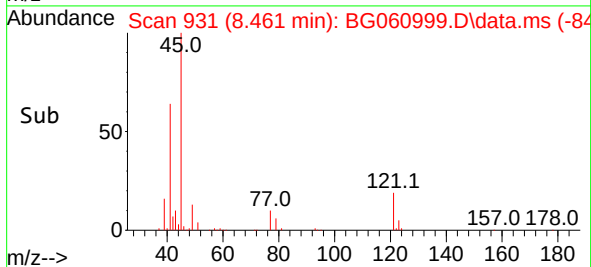
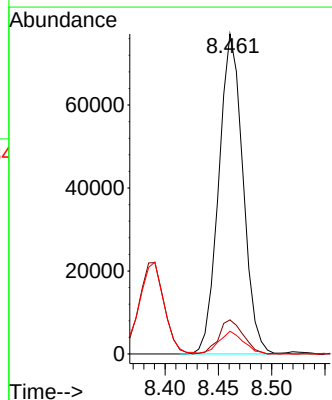
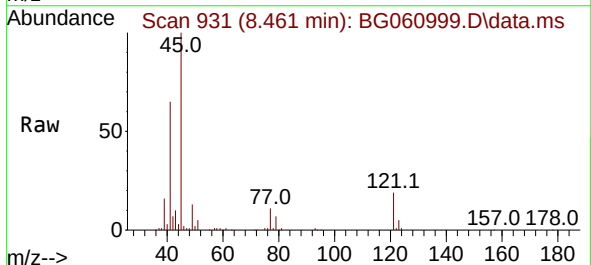
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

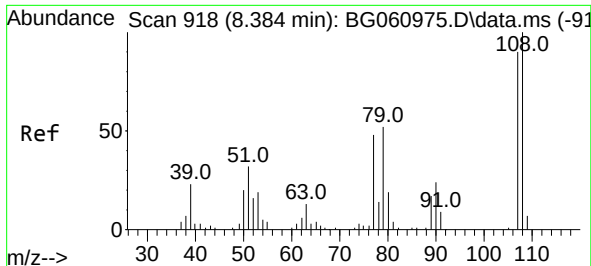
Tgt Ion: 79 Resp: 73080
Ion Ratio Lower Upper
79 100
108 71.4 53.0 79.6
77 71.7 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.006 ng
RT: 8.461 min Scan# 931
Delta R.T. -0.011 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion: 45 Resp: 121463
Ion Ratio Lower Upper
45 100
77 10.7 0.0 30.6
79 7.1 0.0 26.6

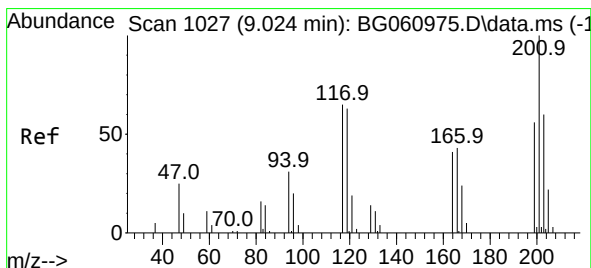
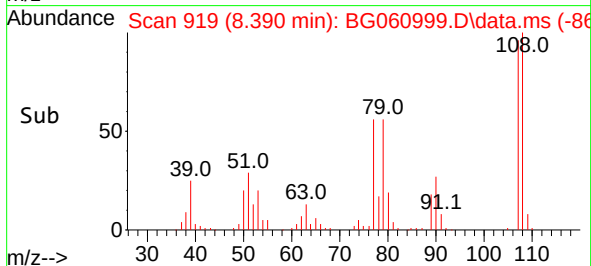
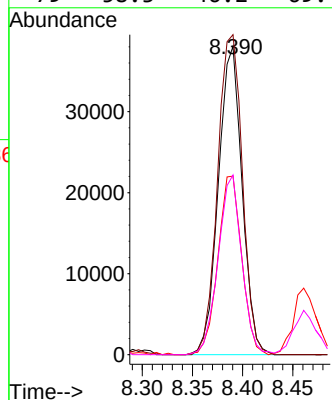
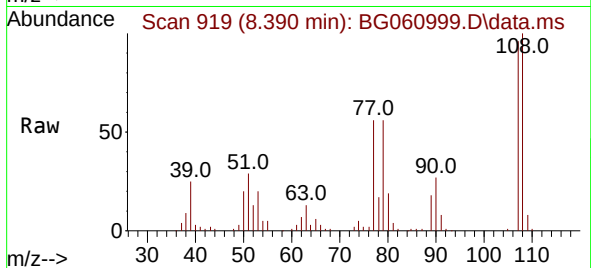




#17
2-Methylphenol
Concen: 38.746 ng
RT: 8.390 min Scan# 918
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

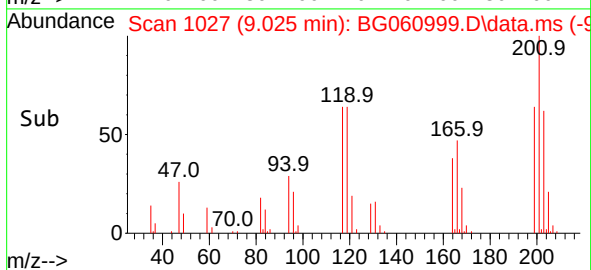
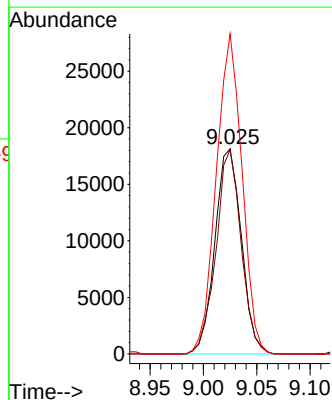
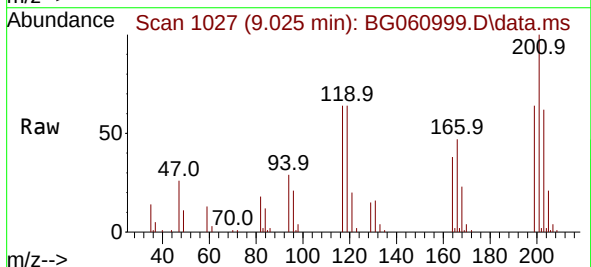
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

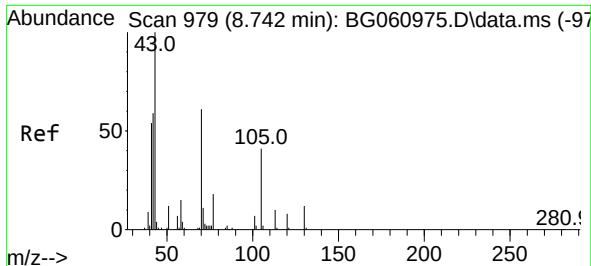
Tgt Ion:	107	Resp:	62551
Ion	Ratio	Lower	Upper
107	100		
108	103.8	89.2	133.8
77	57.9	43.0	64.6
79	58.3	46.2	69.4



#18
Hexachloroethane
Concen: 44.890 ng
RT: 9.025 min Scan# 1027
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:	117	Resp:	31225
Ion	Ratio	Lower	Upper
117	100		
119	99.6	79.8	119.8
201	156.0	124.0	186.0

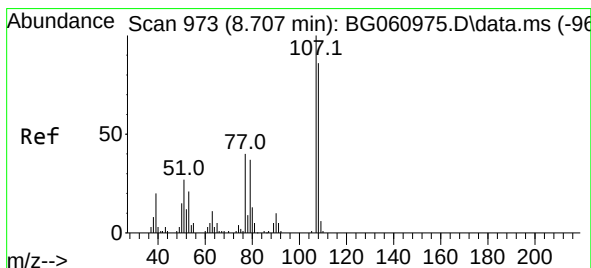
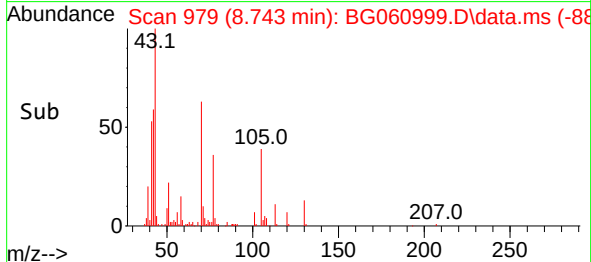
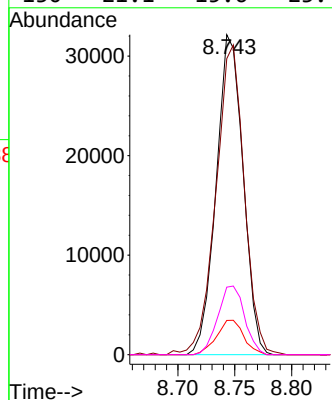
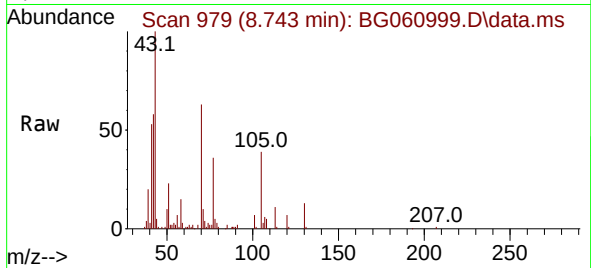




#19
n-Nitroso-di-n-propylamine
Concen: 35.202 ng
RT: 8.743 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

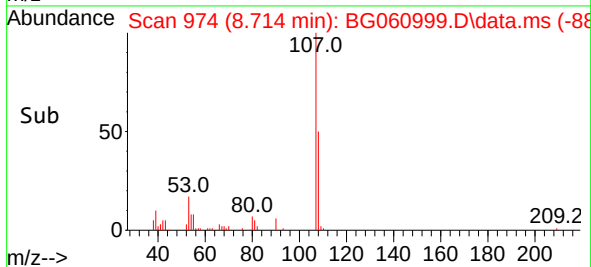
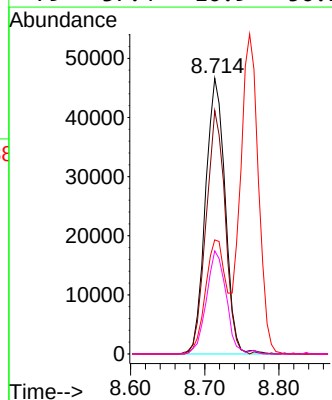
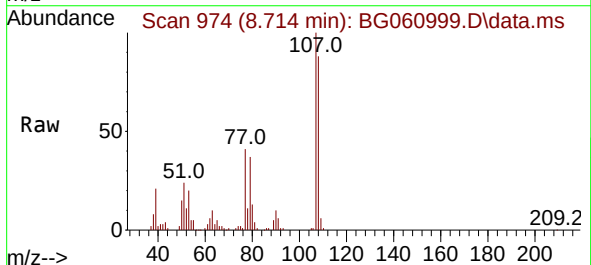
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

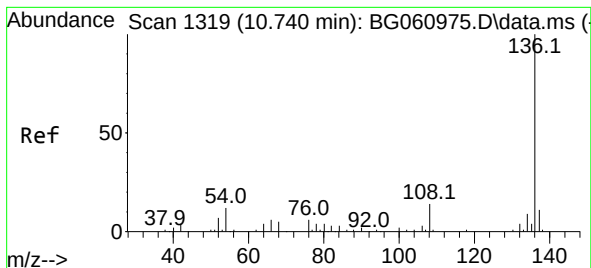
Tgt Ion:	70	Resp:	52794
Ion	Ratio	Lower	Upper
70	100		
42	92.5	78.0	117.0
101	10.7	8.6	13.0
130	21.1	15.6	23.4



#20
3+4-Methylphenols
Concen: 38.087 ng
RT: 8.714 min Scan# 974
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:	107	Resp:	85992
Ion	Ratio	Lower	Upper
107	100		
108	88.3	66.5	106.5
77	41.4	19.9	59.9
79	37.4	16.9	56.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.741 min Scan# 1319

Delta R.T. 0.001 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

Tgt Ion:136 Resp: 98634

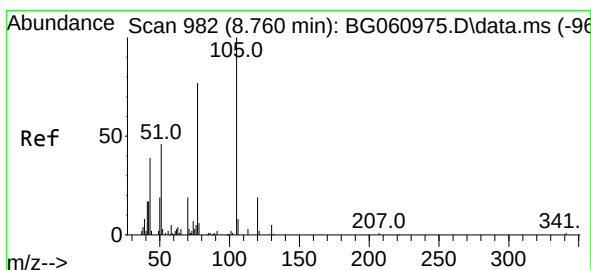
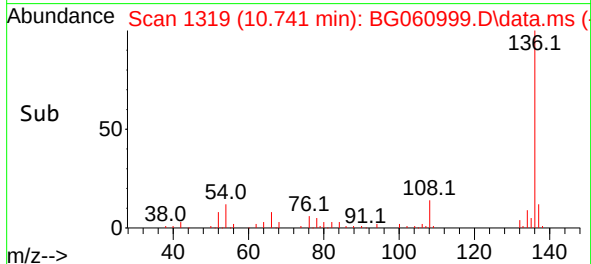
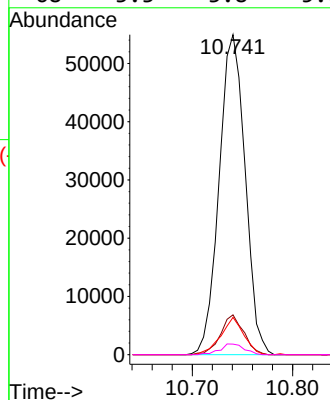
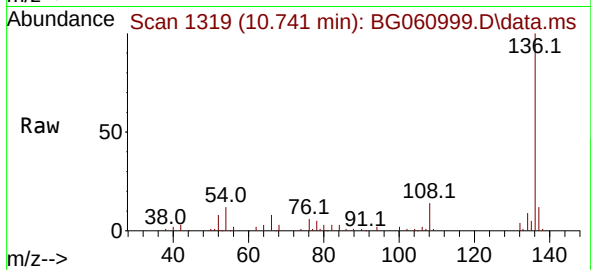
Ion Ratio Lower Upper

136 100

137 12.5 8.5 12.7

54 11.6 9.4 14.0

68 3.3 3.8 5.6#



#22

Acetophenone

Concen: 42.359 ng

RT: 8.761 min Scan# 982

Delta R.T. 0.001 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Tgt Ion:105 Resp: 116666

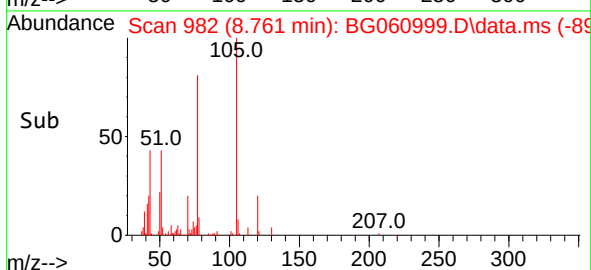
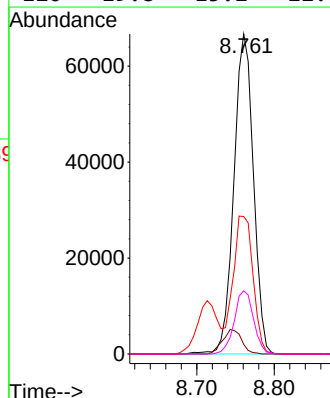
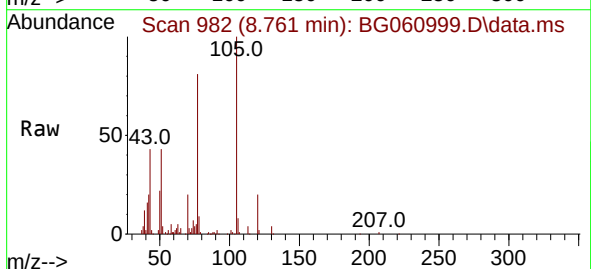
Ion Ratio Lower Upper

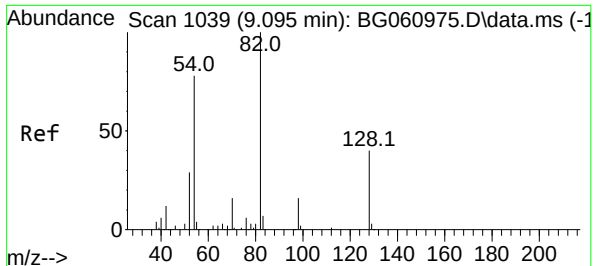
105 100

71 3.0 2.5 3.7

51 43.0 37.8 56.6

120 19.8 15.2 22.8





#23

Nitrobenzene-d5

Concen: 58.814 ng

RT: 9.095 min Scan# 1039

Delta R.T. 0.001 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

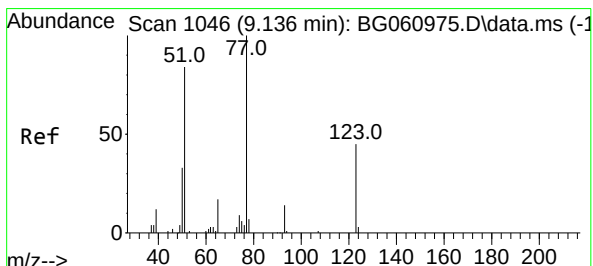
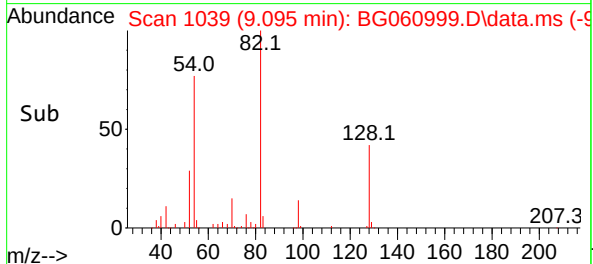
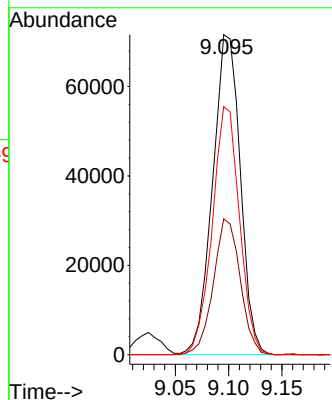
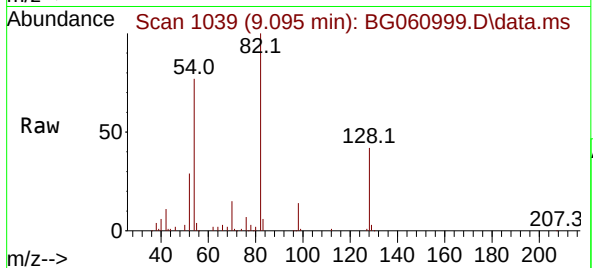
Tgt Ion: 82 Resp: 129117

Ion Ratio Lower Upper

82 100

128 42.5 32.1 48.1

54 77.5 62.3 93.5



#24

Nitrobenzene

Concen: 41.458 ng

RT: 9.142 min Scan# 1047

Delta R.T. 0.006 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

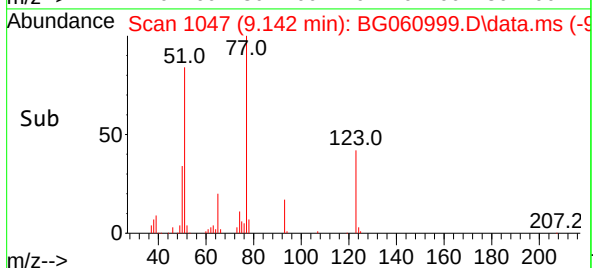
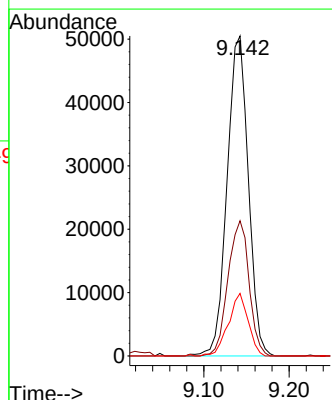
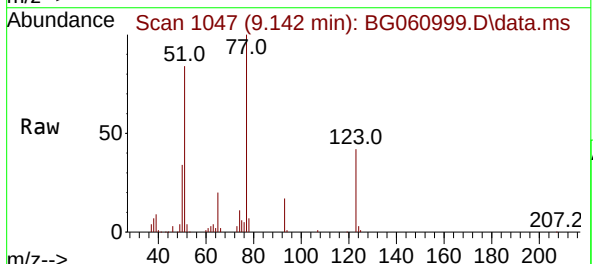
Tgt Ion: 77 Resp: 87456

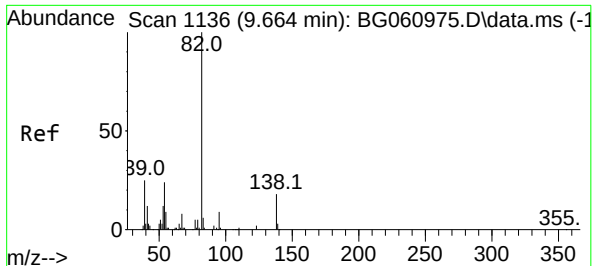
Ion Ratio Lower Upper

77 100

123 42.3 35.9 53.9

65 19.6 13.3 19.9





#25

Isophorone

Concen: 40.001 ng

RT: 9.665 min Scan# 1136

Delta R.T. 0.001 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

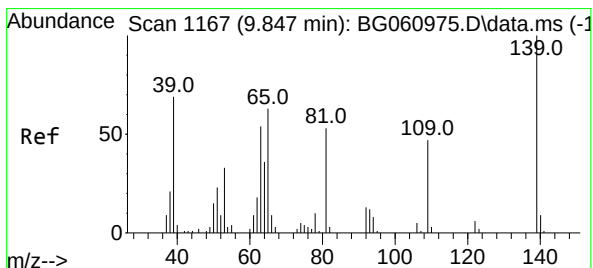
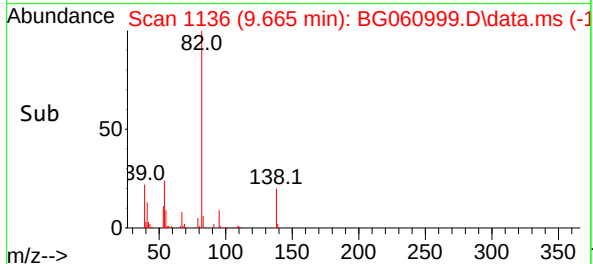
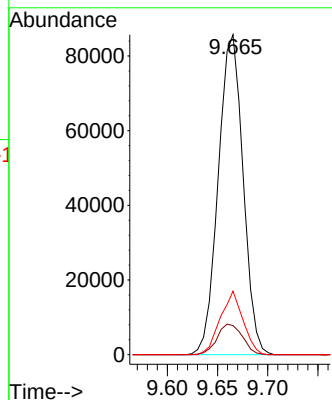
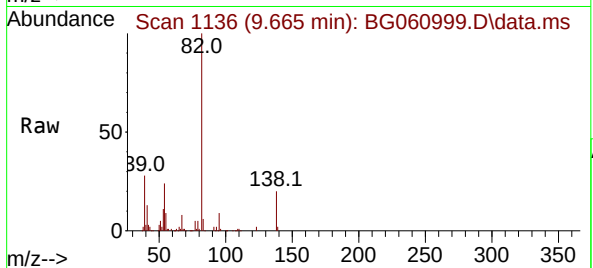
Tgt Ion: 82 Resp: 146963

Ion Ratio Lower Upper

82 100

95 9.1 7.6 11.4

138 19.8 14.2 21.2



#26

2-Nitrophenol

Concen: 43.173 ng

RT: 9.847 min Scan# 1167

Delta R.T. 0.001 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

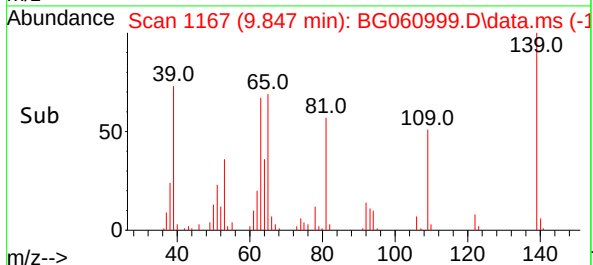
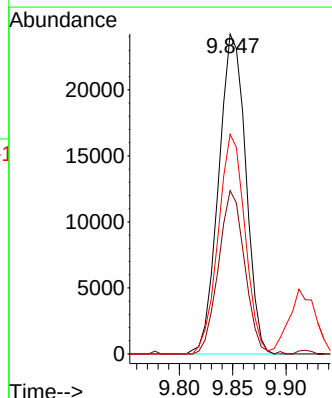
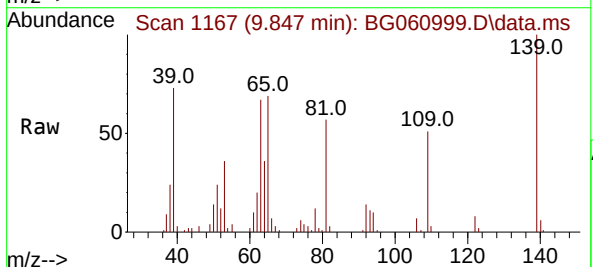
Tgt Ion:139 Resp: 42804

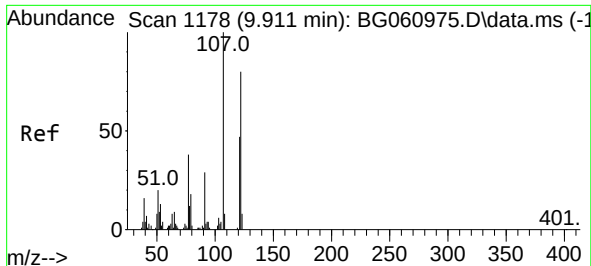
Ion Ratio Lower Upper

139 100

109 51.0 37.4 56.2

65 68.7 50.4 75.6





#27

2,4-Dimethylphenol

Concen: 34.114 ng

RT: 9.918 min Scan# 1178

Delta R.T. 0.007 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

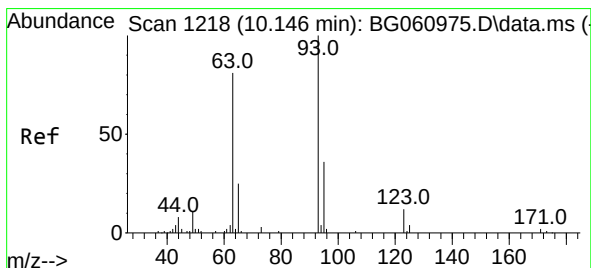
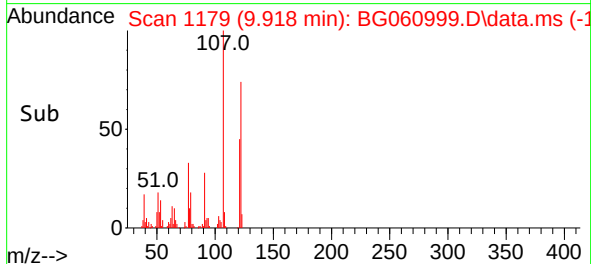
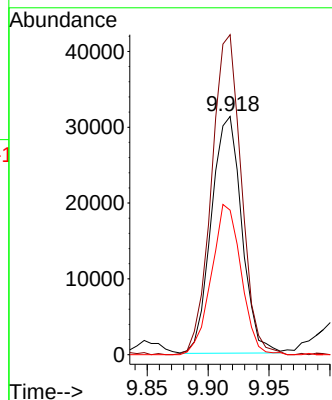
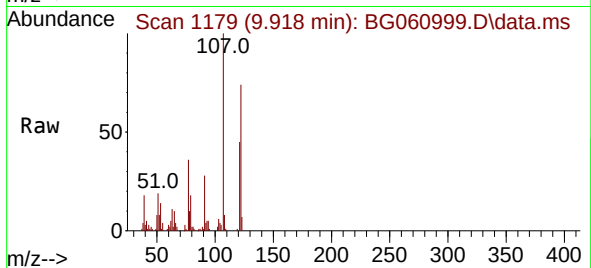
Tgt Ion:122 Resp: 54212

Ion Ratio Lower Upper

122 100

107 134.3 98.7 148.1

121 60.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 40.777 ng

RT: 10.147 min Scan# 1218

Delta R.T. 0.001 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

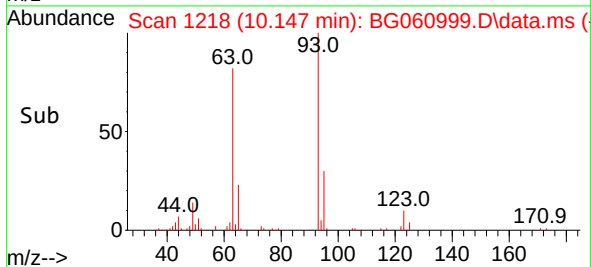
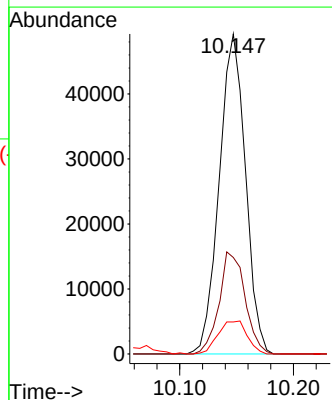
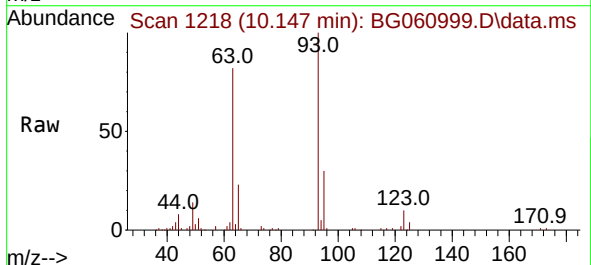
Tgt Ion: 93 Resp: 78809

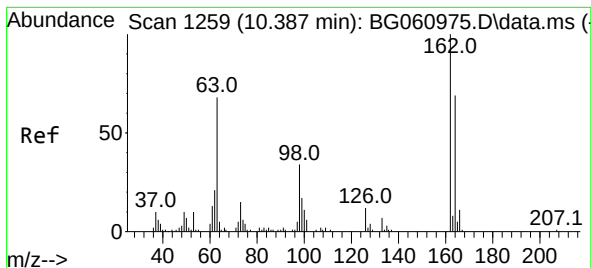
Ion Ratio Lower Upper

93 100

95 30.2 28.8 43.2

123 10.0 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 45.786 ng

RT: 10.388 min Scan# 1259

Delta R.T. 0.001 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

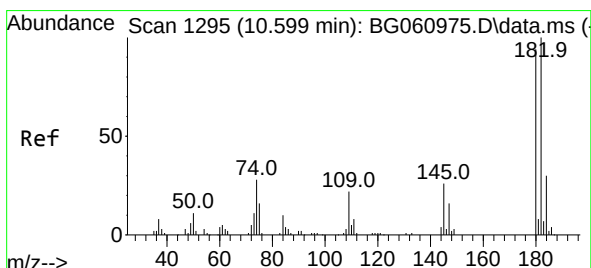
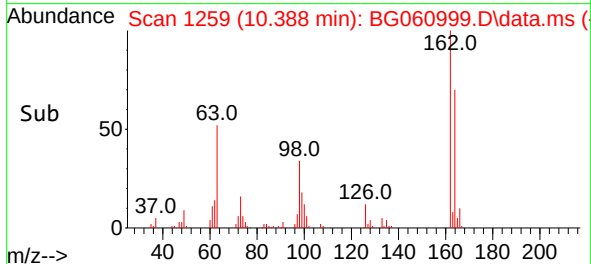
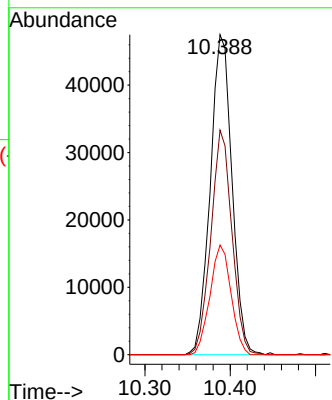
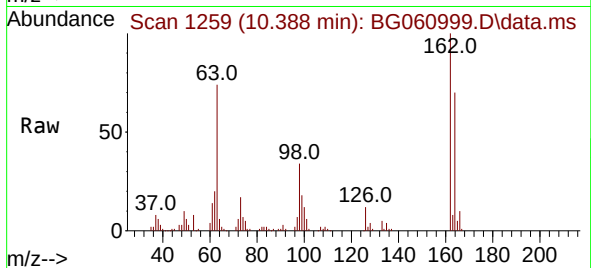
Tgt Ion:162 Resp: 83976

Ion Ratio Lower Upper

162 100

164 70.1 49.0 89.0

98 34.2 14.3 54.3



#30

1,2,4-Trichlorobenzene

Concen: 47.554 ng

RT: 10.600 min Scan# 1295

Delta R.T. 0.001 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

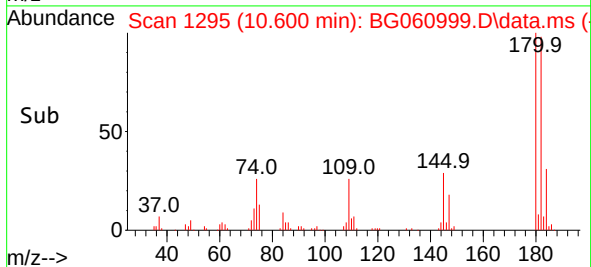
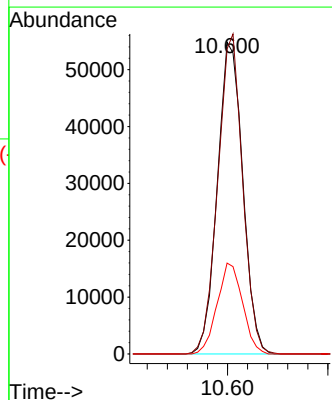
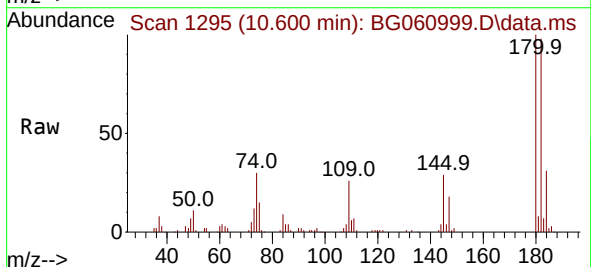
Tgt Ion:180 Resp: 96233

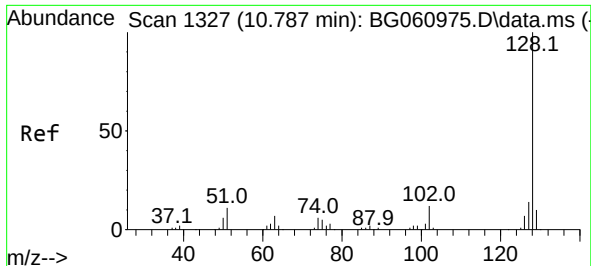
Ion Ratio Lower Upper

180 100

182 97.8 85.4 128.2

145 29.1 22.6 33.8

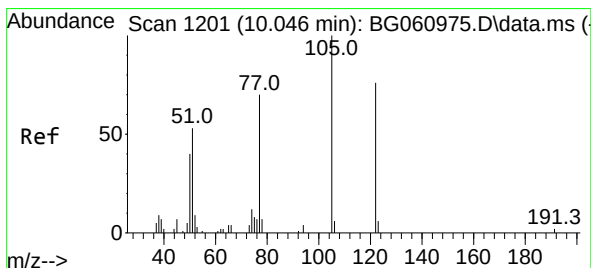
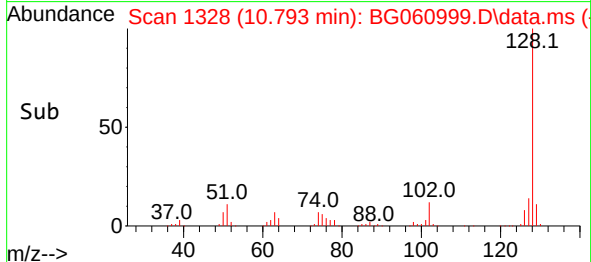
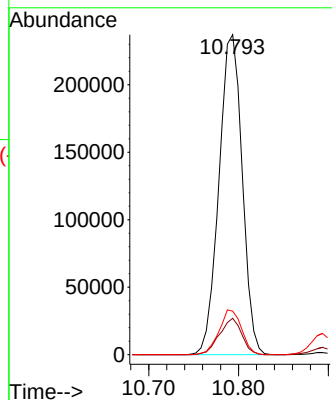
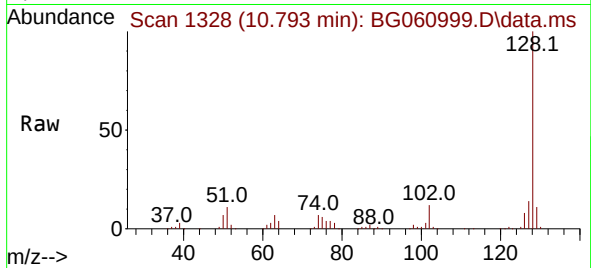




#31
Naphthalene
Concen: 78.876 ng
RT: 10.793 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

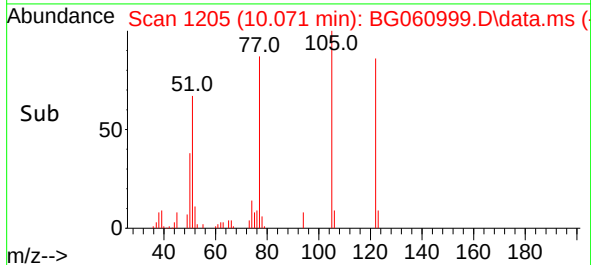
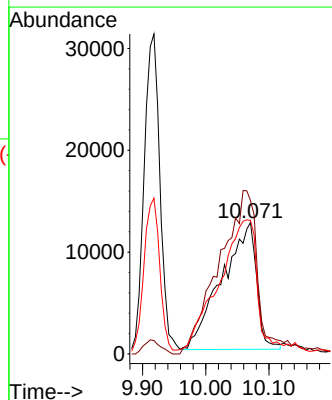
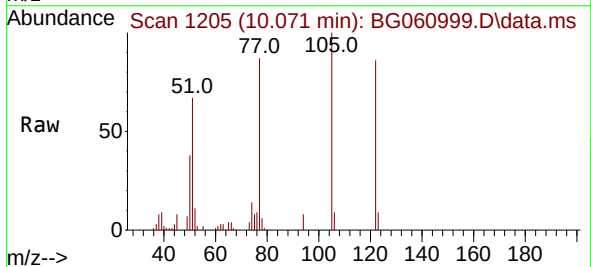
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

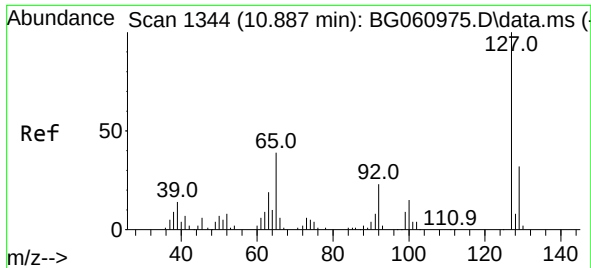
Tgt Ion:128 Resp: 425929
Ion Ratio Lower Upper
128 100
129 11.4 8.2 12.4
127 13.6 11.4 17.2



#32
Benzoic acid
Concen: 39.283 ng
RT: 10.071 min Scan# 1205
Delta R.T. 0.024 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:122 Resp: 47564
Ion Ratio Lower Upper
122 100
105 116.8 106.2 146.2
77 101.7 70.1 110.1

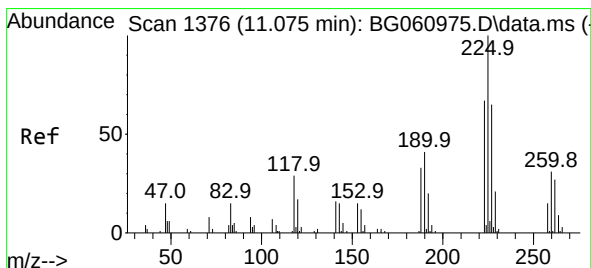
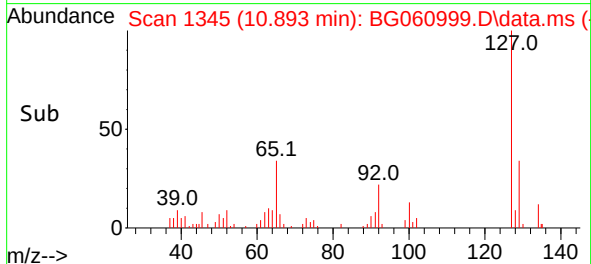
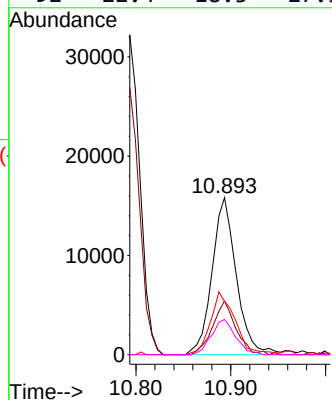
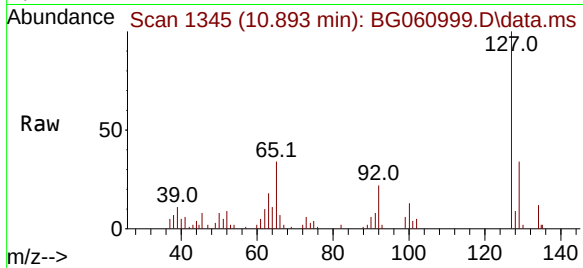




#33
4-Chloroaniline
Concen: 11.503 ng
RT: 10.893 min Scan# 1345
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

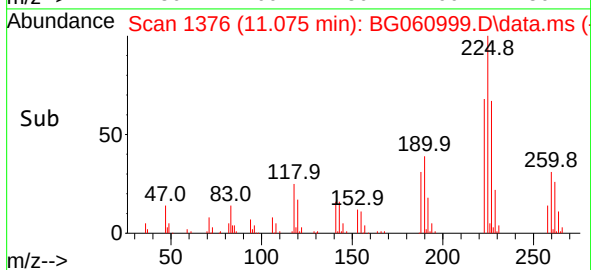
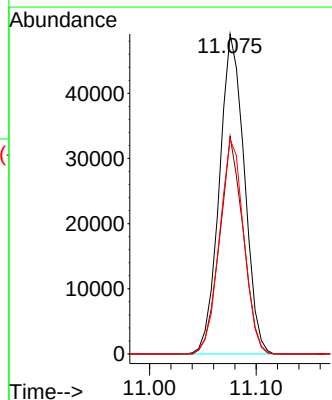
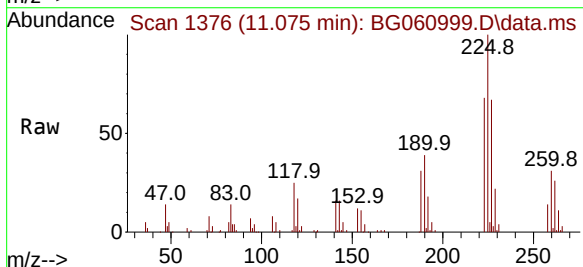
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

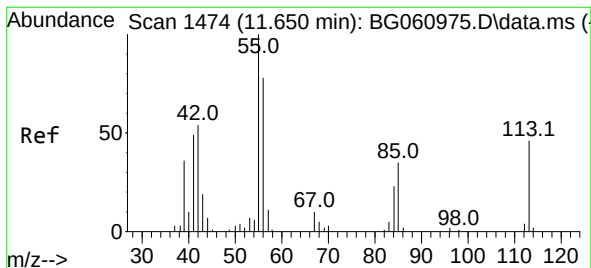
Tgt Ion:127	Resp:	28218	
Ion	Ratio	Lower	Upper
127	100		
129	34.2	25.7	38.5
65	33.8	31.4	47.0
92	22.4	18.3	27.5



#34
Hexachlorobutadiene
Concen: 44.775 ng
RT: 11.075 min Scan# 1376
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt	Ion:225	Resp:	79685
Ion	Ratio	Lower	Upper
225	100		
223	68.0	53.2	79.8
227	67.2	51.9	77.9





#35

Caprolactam

Concen: 35.990 ng

RT: 11.675 min Scan# 1478

Delta R.T. 0.024 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

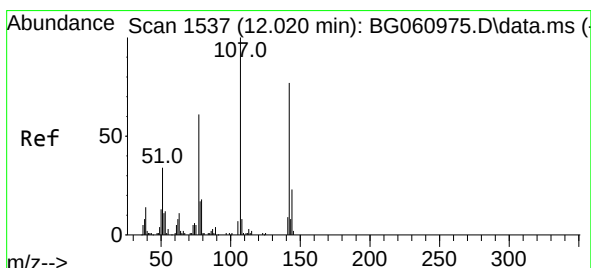
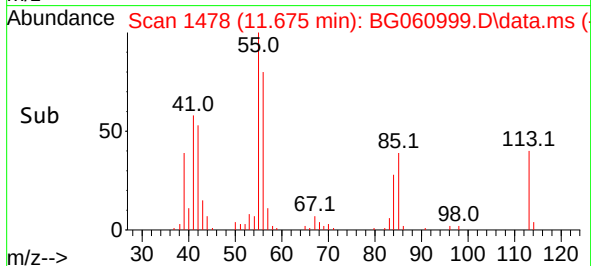
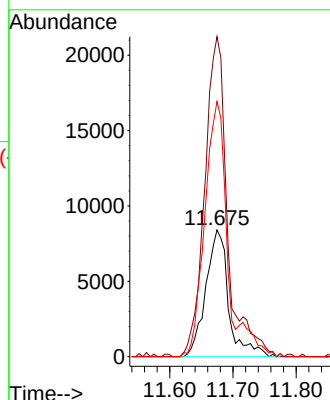
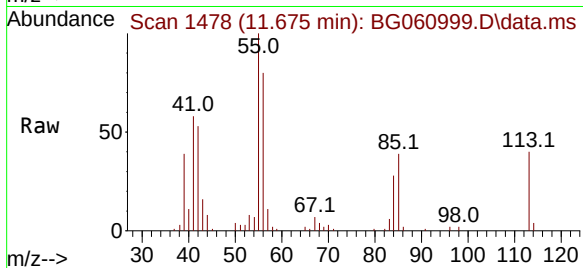
Tgt Ion:113 Resp: 21025

Ion Ratio Lower Upper

113 100

55 252.4 197.9 237.9#

56 201.3 151.1 191.1#



#36

4-Chloro-3-methylphenol

Concen: 38.159 ng

RT: 12.027 min Scan# 1538

Delta R.T. 0.007 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

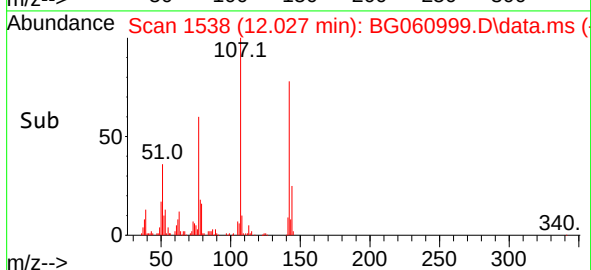
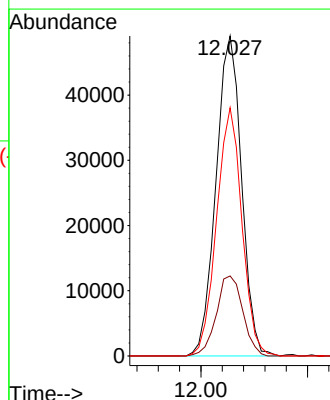
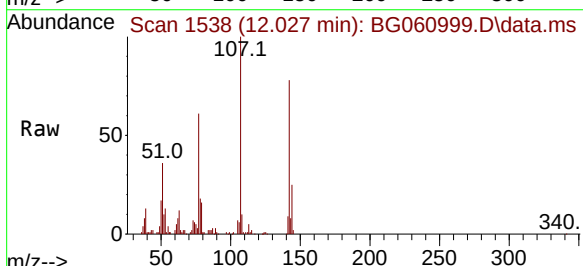
Tgt Ion:107 Resp: 81625

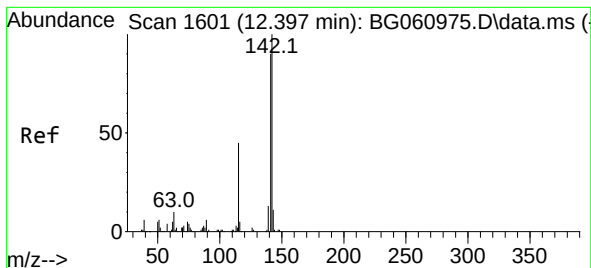
Ion Ratio Lower Upper

107 100

144 25.0 18.5 27.7

142 77.6 61.4 92.0

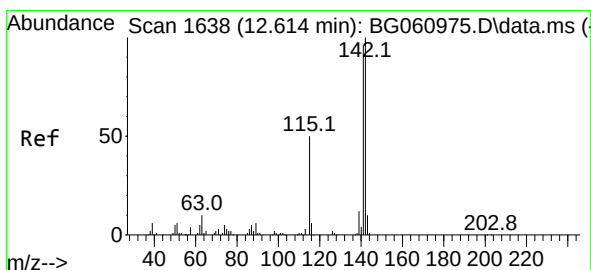
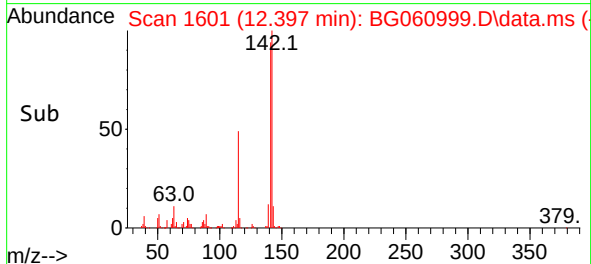
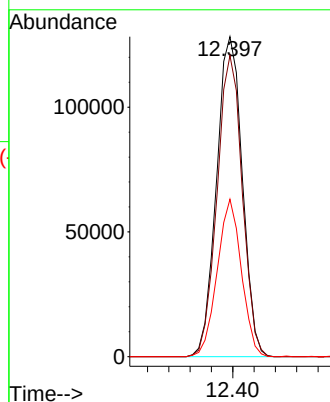
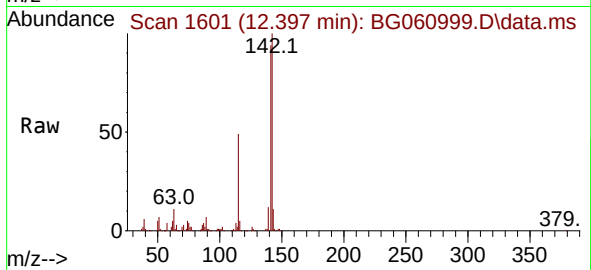




#37
2-Methylnaphthalene
Concen: 50.704 ng
RT: 12.397 min Scan# 1601
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

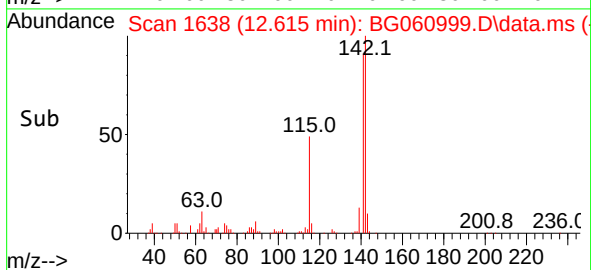
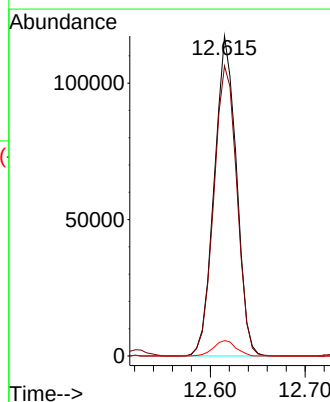
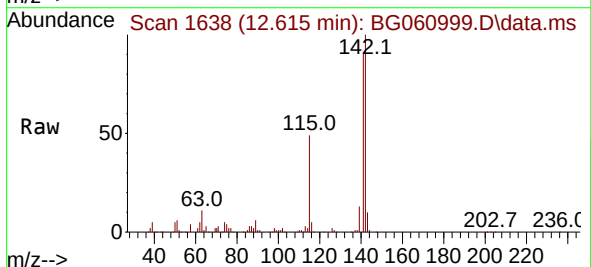
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

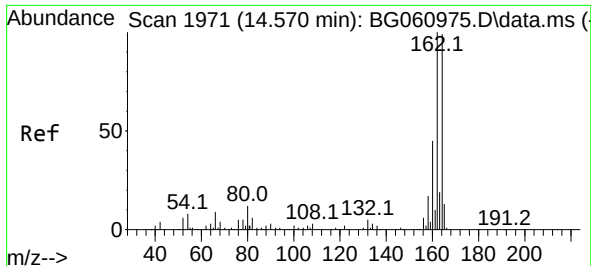
Tgt Ion:142 Resp: 215279
Ion Ratio Lower Upper
142 100
141 94.1 72.2 108.4
115 49.2 35.9 53.9



#38
1-Methylnaphthalene
Concen: 48.081 ng
RT: 12.615 min Scan# 1638
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:142 Resp: 190498
Ion Ratio Lower Upper
142 100
141 90.6 76.8 115.2
116 4.8 4.4 6.6

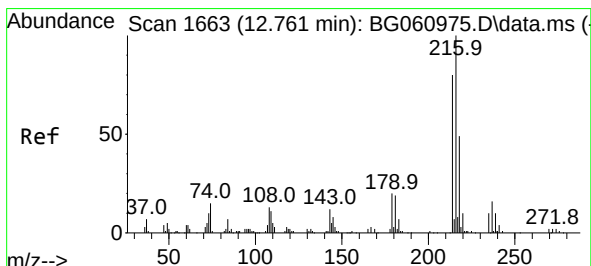
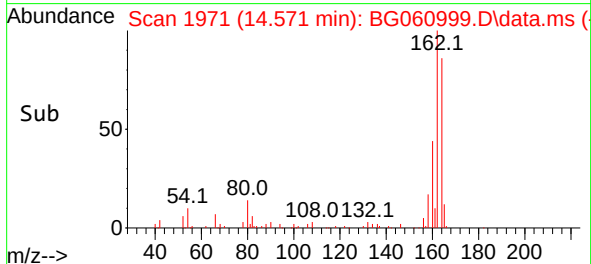
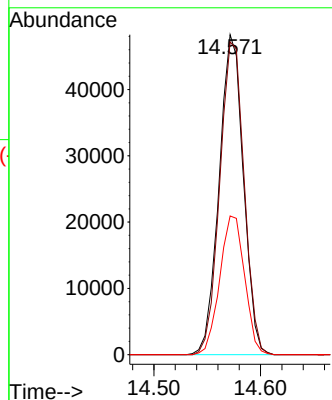
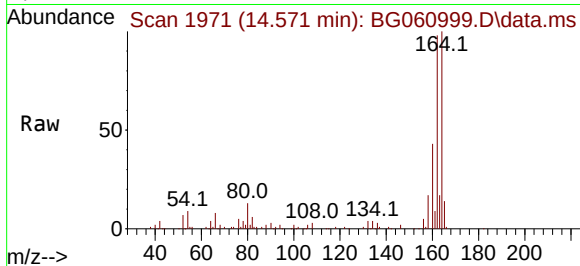




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.571 min Scan# 1971
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

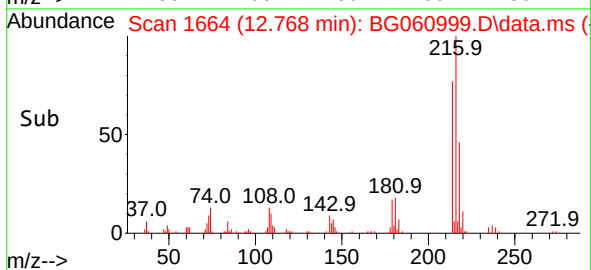
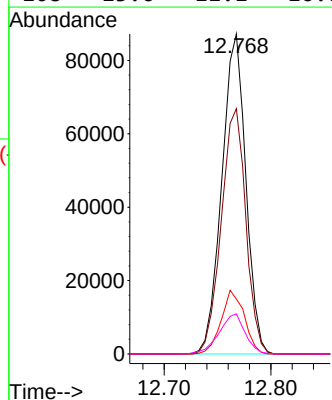
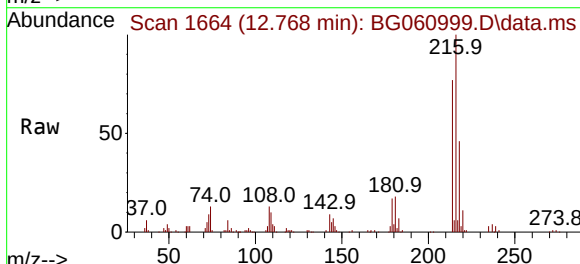
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

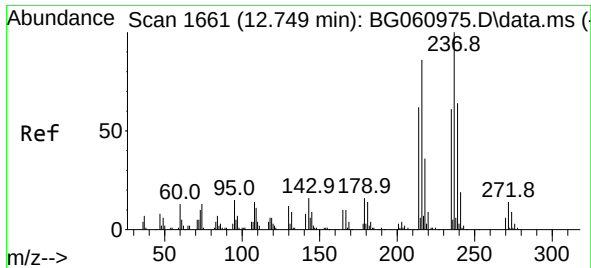
Tgt Ion:164 Resp: 76091
Ion Ratio Lower Upper
164 100
162 97.8 81.2 121.8
160 43.3 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.337 ng
RT: 12.768 min Scan# 1664
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:216 Resp: 136115
Ion Ratio Lower Upper
216 100
214 78.3 63.3 94.9
179 19.2 15.2 22.8
108 13.6 11.1 16.7

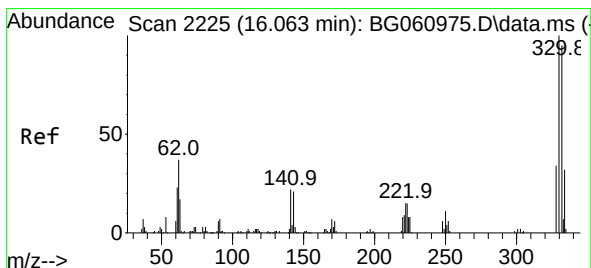
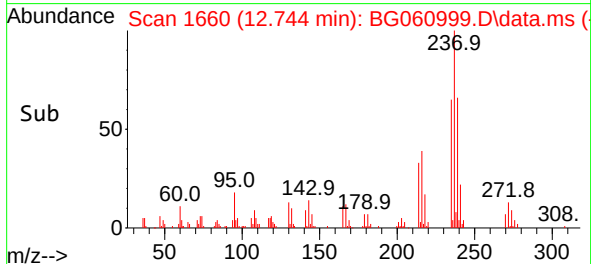
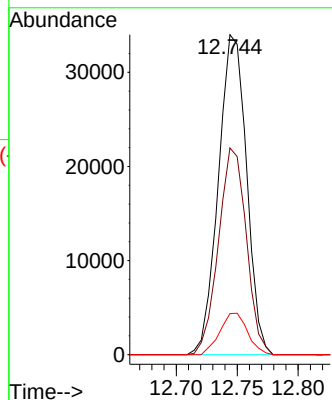
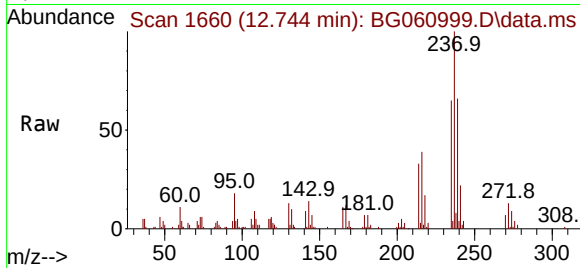




#41
Hexachlorocyclopentadiene
Concen: 34.319 ng
RT: 12.744 min Scan# 1660
Delta R.T. -0.005 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

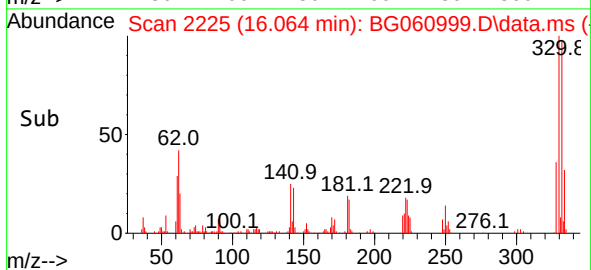
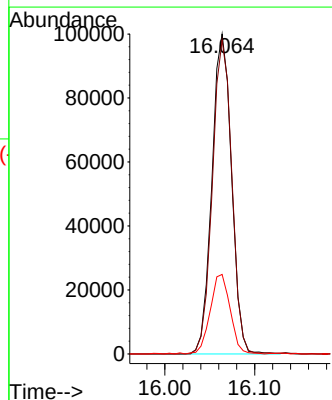
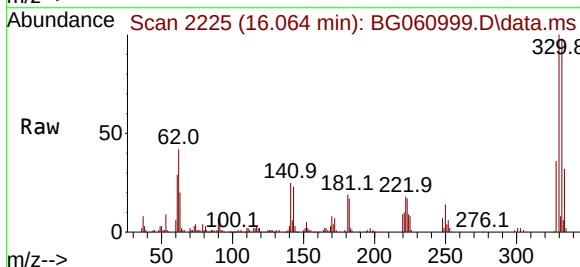
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

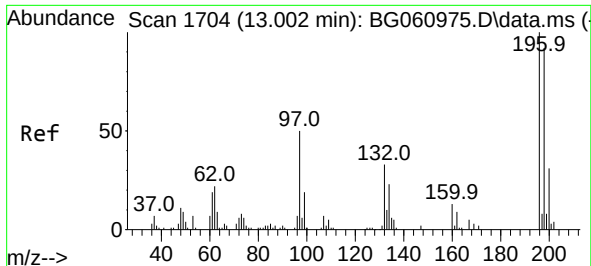
Tgt Ion:237 Resp: 54604
Ion Ratio Lower Upper
237 100
235 64.6 40.7 80.7
272 12.9 0.0 34.5



#42
2,4,6-Tribromophenol
Concen: 90.646 ng
RT: 16.064 min Scan# 2225
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:330 Resp: 151461
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 25.5 20.6 31.0





#43

2,4,6-Trichlorophenol

Concen: 45.870 ng

RT: 13.008 min Scan# 1

Delta R.T. 0.007 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

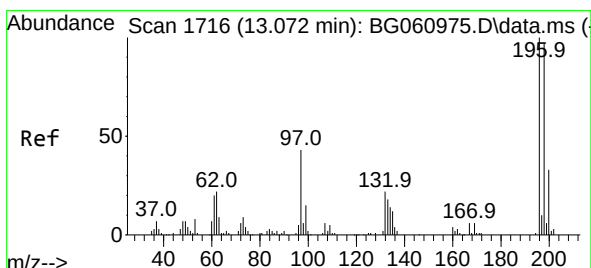
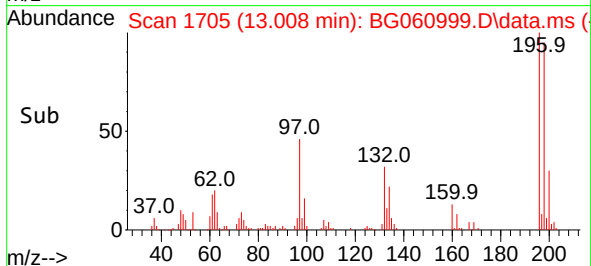
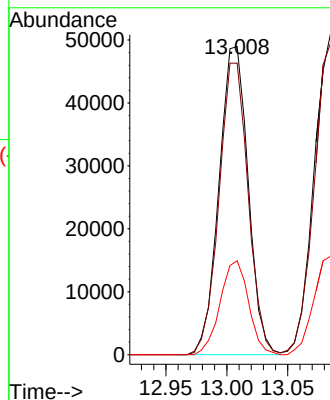
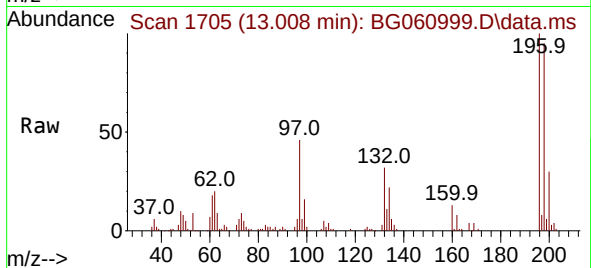
Tgt Ion:196 Resp: 81535

Ion Ratio Lower Upper

196 100

198 94.6 73.5 110.3

200 30.5 24.8 37.2



#44

2,4,5-Trichlorophenol

Concen: 41.876 ng

RT: 13.085 min Scan# 1718

Delta R.T. 0.013 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Tgt Ion:196 Resp: 88051

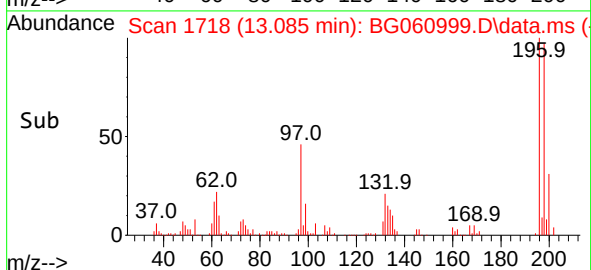
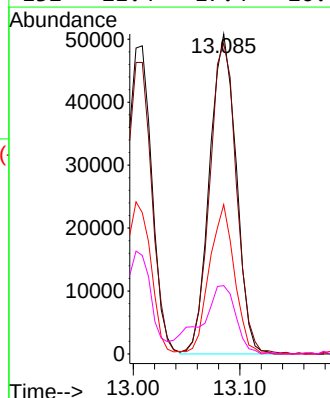
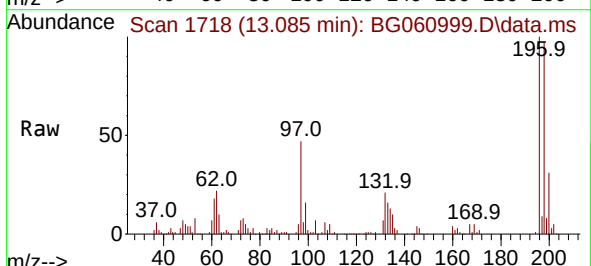
Ion Ratio Lower Upper

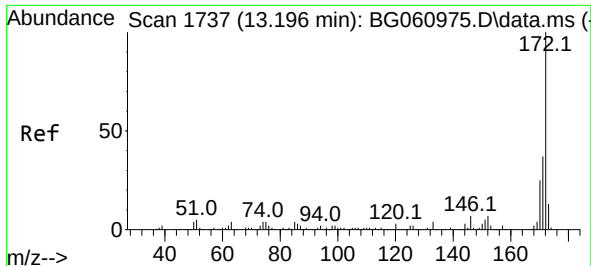
196 100

198 97.1 77.7 116.5

97 46.6 34.2 51.4

132 21.4 17.4 26.0

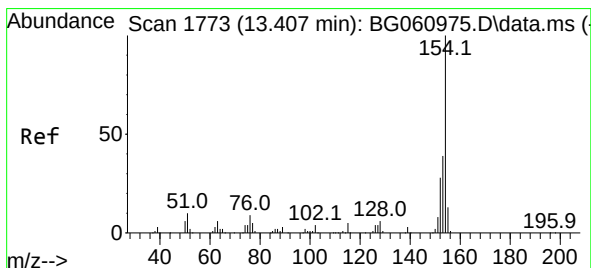
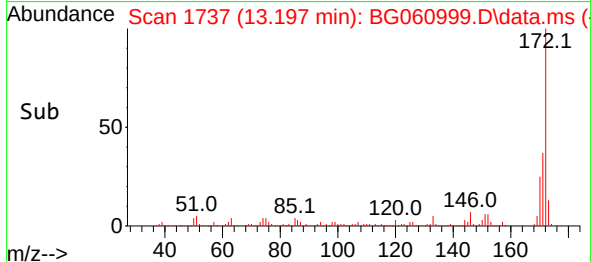
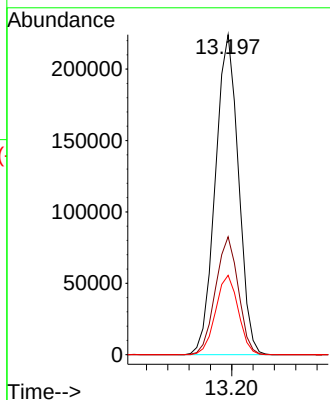
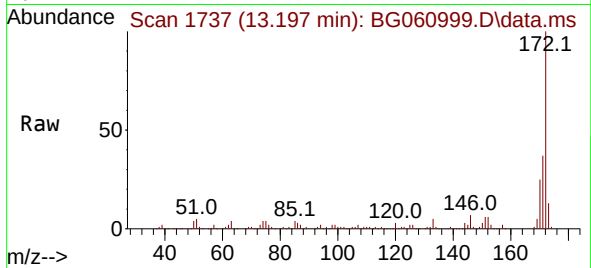




#45
2-Fluorobiphenyl
Concen: 61.254 ng
RT: 13.197 min Scan# 1737
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

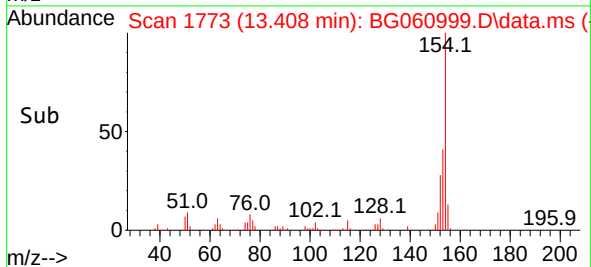
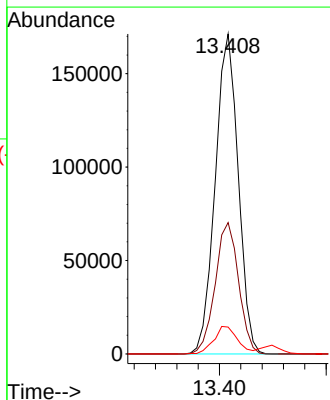
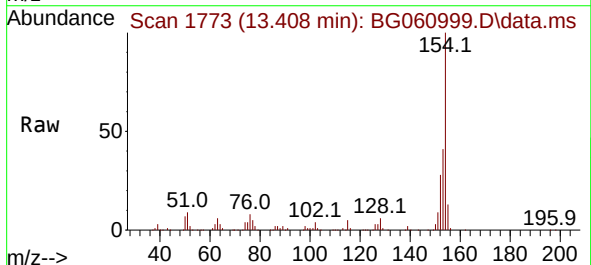
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

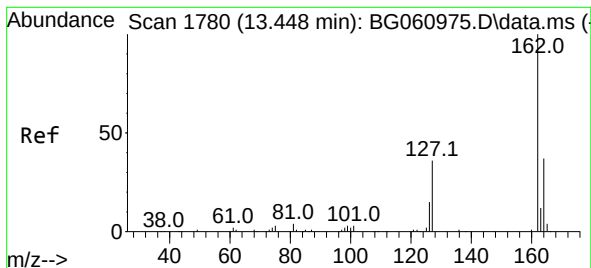
Tgt Ion:172 Resp: 336764
Ion Ratio Lower Upper
172 100
171 36.8 29.3 43.9
170 24.8 20.1 30.1



#46
1,1'-Biphenyl
Concen: 49.841 ng
RT: 13.408 min Scan# 1773
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:154 Resp: 255455
Ion Ratio Lower Upper
154 100
153 41.0 19.4 59.4
76 8.4 0.0 28.6

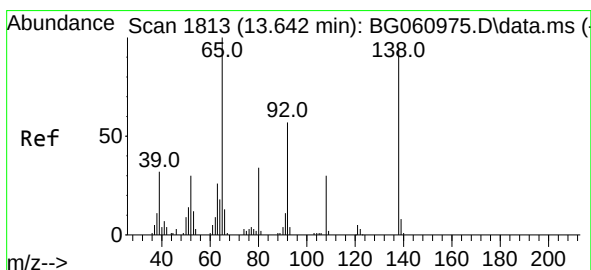
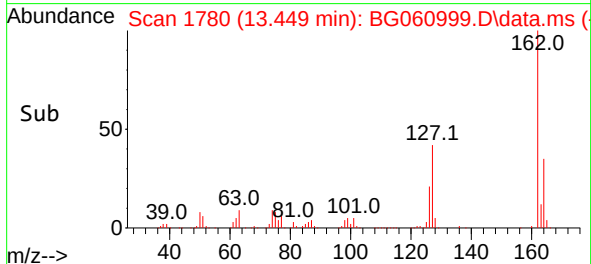
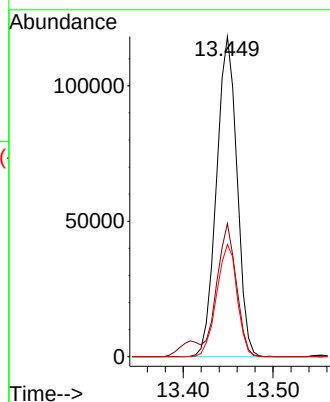
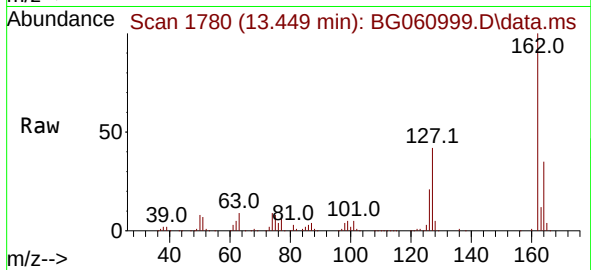




#47
2-Chloronaphthalene
Concen: 47.653 ng
RT: 13.449 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

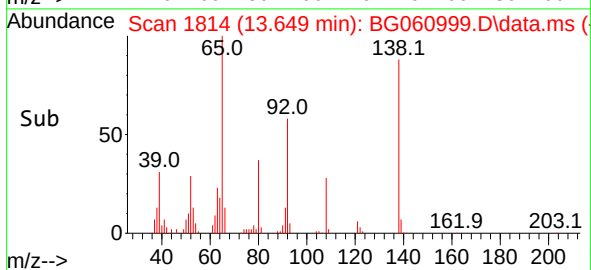
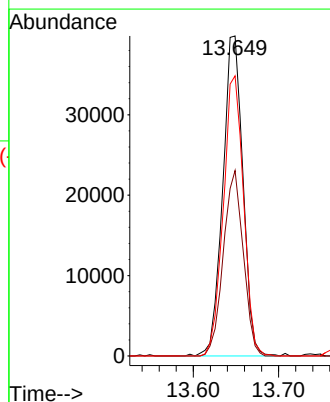
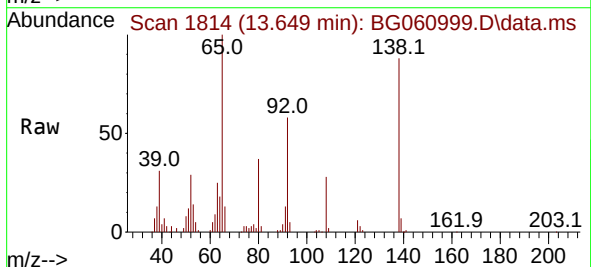
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

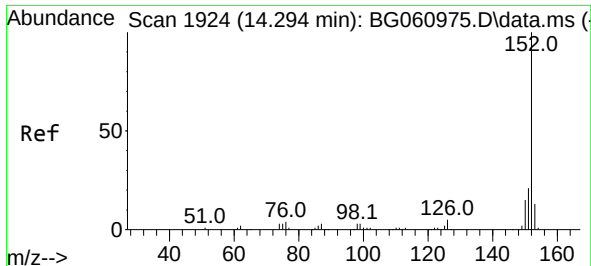
Tgt Ion:162 Resp: 187266
Ion Ratio Lower Upper
162 100
127 41.7 32.6 49.0
164 35.1 29.9 44.9



#48
2-Nitroaniline
Concen: 41.208 ng
RT: 13.649 min Scan# 1814
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion: 65 Resp: 65357
Ion Ratio Lower Upper
65 100
92 58.0 45.4 68.2
138 87.6 75.8 113.6

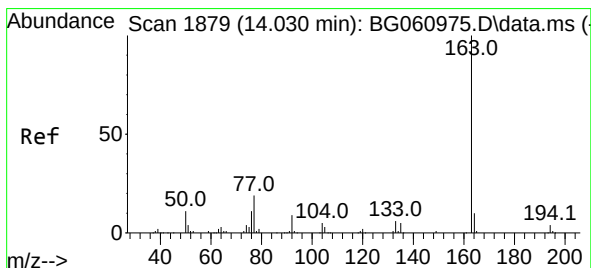
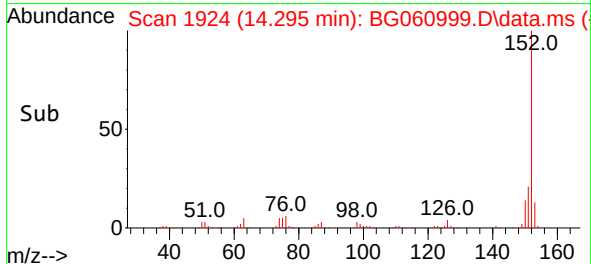
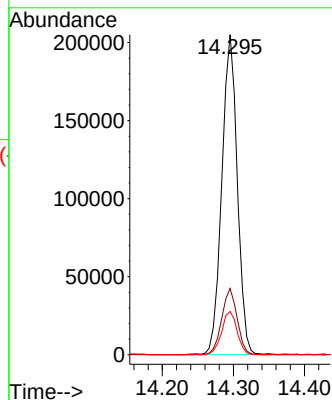
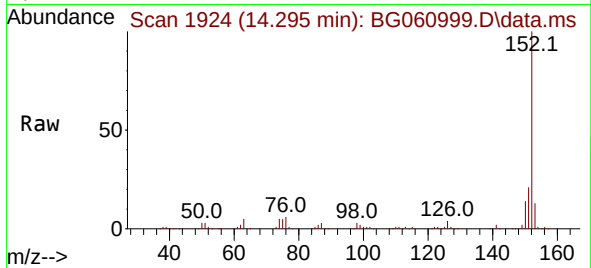




#49
Acenaphthylene
Concen: 46.727 ng
RT: 14.295 min Scan# 1924
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

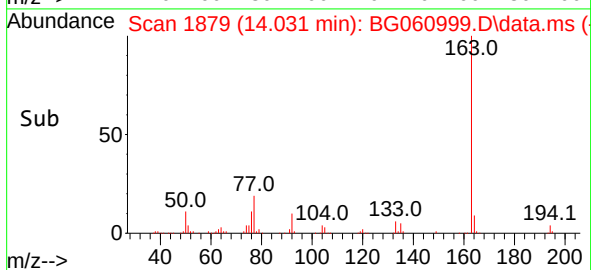
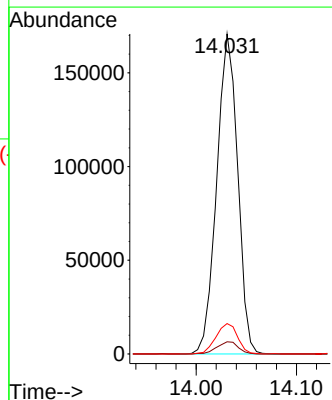
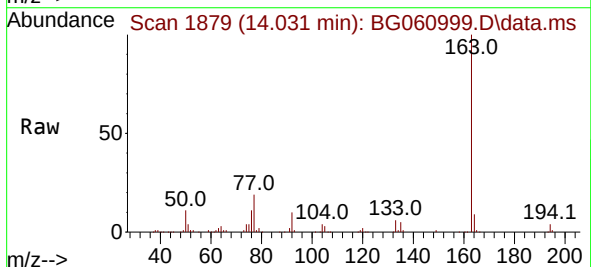
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

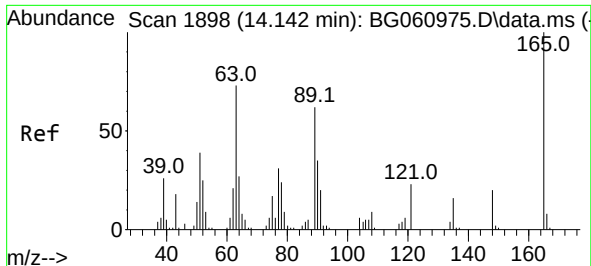
Tgt Ion:152 Resp: 309259
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0
153 13.5 10.7 16.1



#50
Dimethylphthalate
Concen: 39.291 ng
RT: 14.031 min Scan# 1879
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:163 Resp: 246534
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 9.5 8.4 12.6

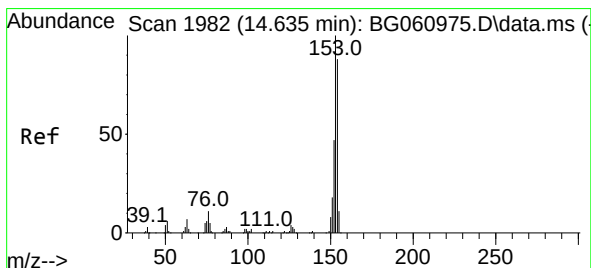
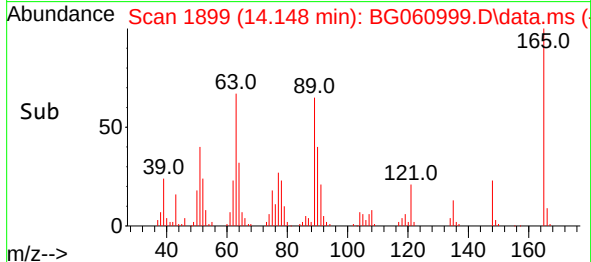
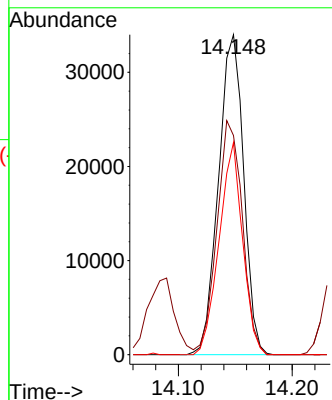
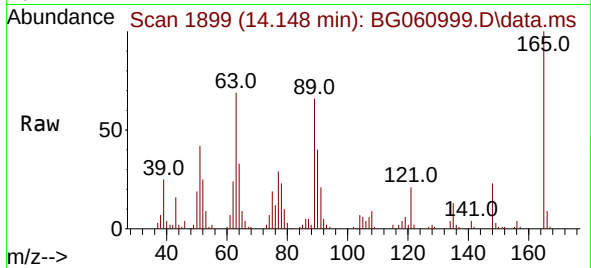




#51
2,6-Dinitrotoluene
Concen: 39.785 ng
RT: 14.148 min Scan# 1898
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

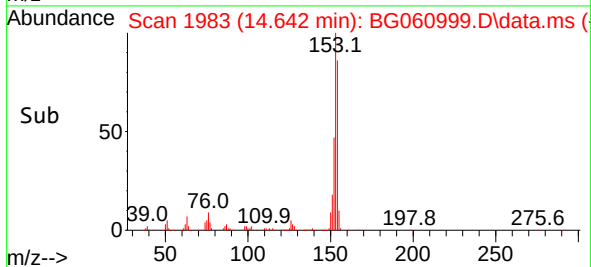
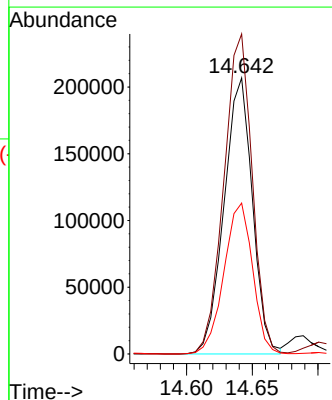
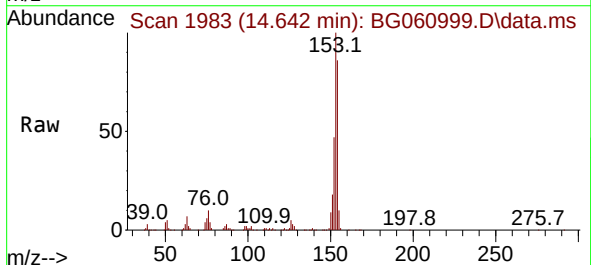
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

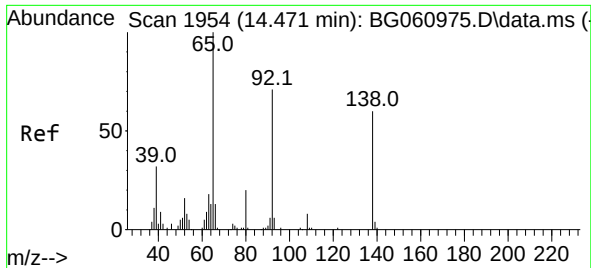
Tgt Ion:165 Resp: 52087
Ion Ratio Lower Upper
165 100
63 68.5 59.6 89.4
89 66.3 49.4 74.0



#52
Acenaphthene
Concen: 77.335 ng
RT: 14.642 min Scan# 1983
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:154 Resp: 311008
Ion Ratio Lower Upper
154 100
153 115.9 91.2 136.8
152 54.7 42.7 64.1

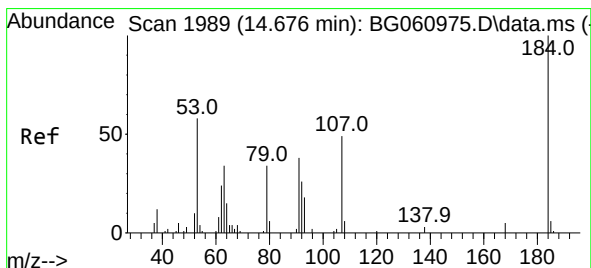
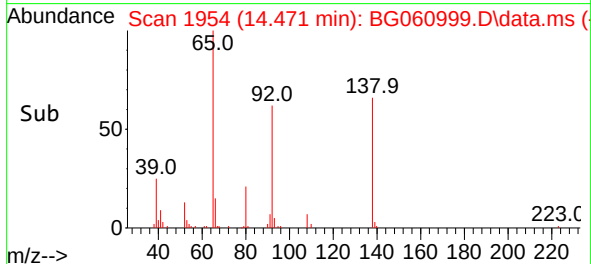
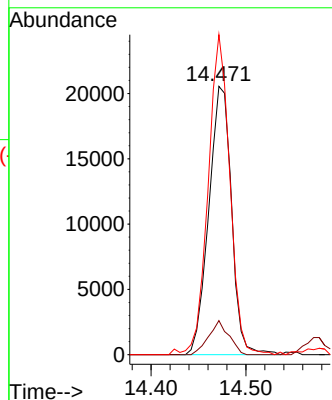
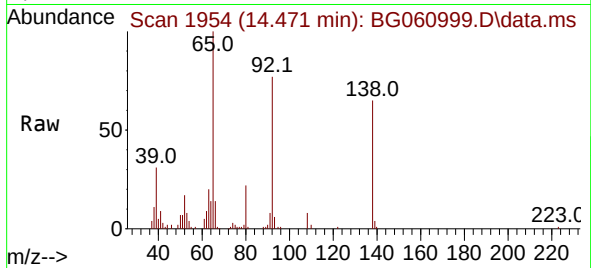




#53
3-Nitroaniline
Concen: 26.465 ng
RT: 14.471 min Scan# 1954
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

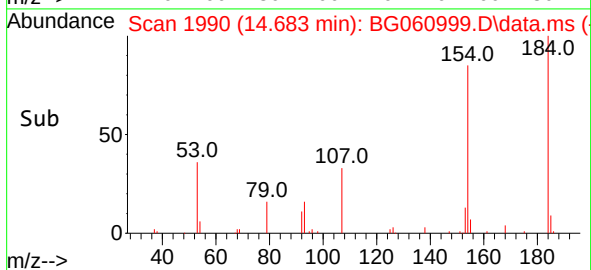
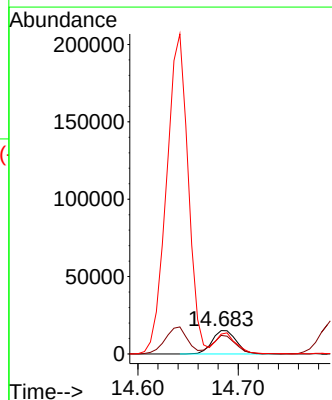
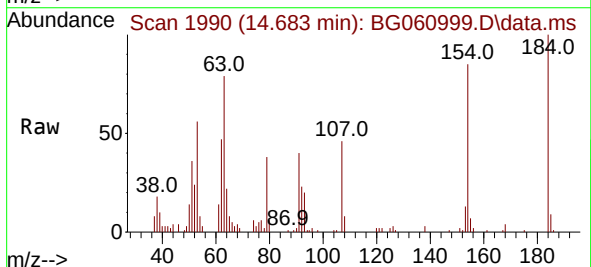
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

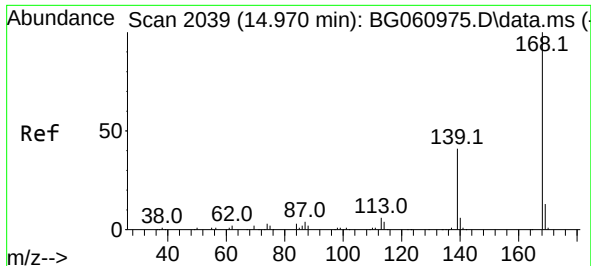
Tgt Ion:138 Resp: 34165
Ion Ratio Lower Upper
138 100
108 12.7 10.1 15.1
92 119.2 94.6 141.8



#54
2,4-Dinitrophenol
Concen: 32.932 ng
RT: 14.683 min Scan# 1990
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:184 Resp: 25088
Ion Ratio Lower Upper
184 100
63 79.3 59.0 88.6
154 85.1 61.2 91.8

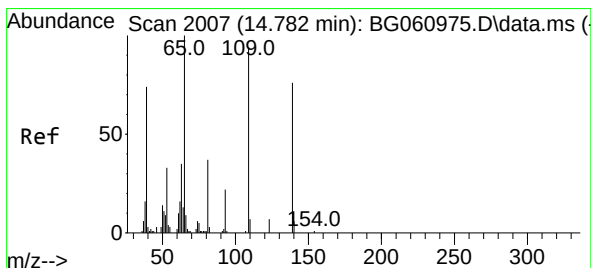
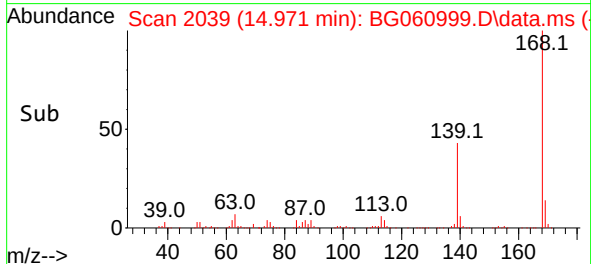
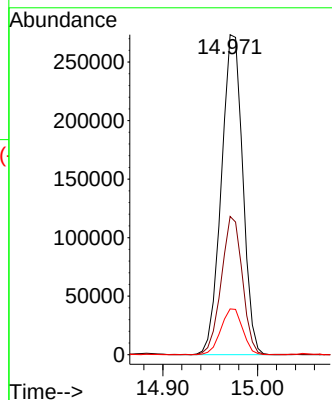
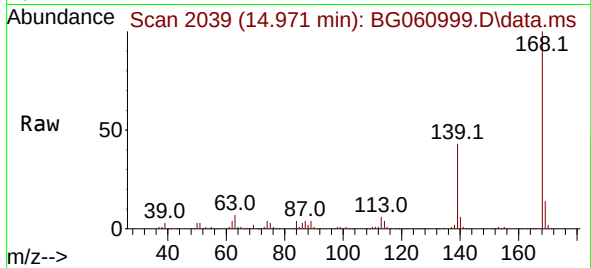




#55
Dibenzofuran
Concen: 61.848 ng
RT: 14.971 min Scan# 2039
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

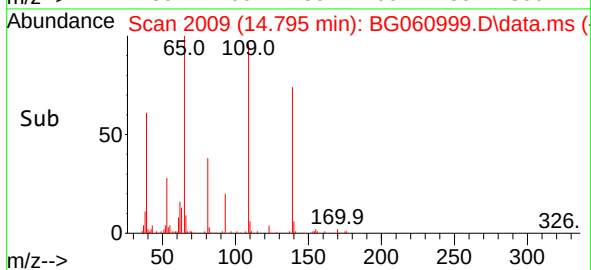
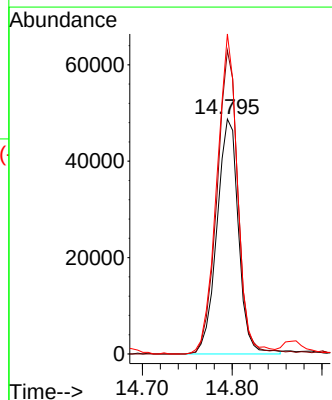
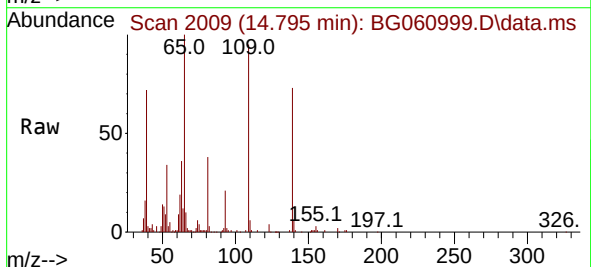
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

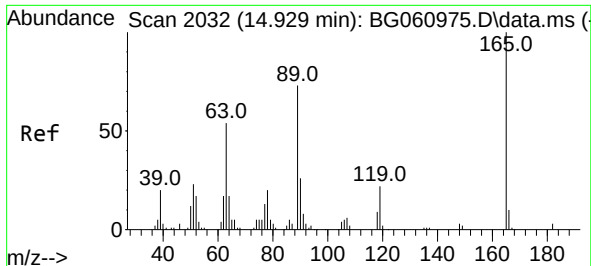
Tgt Ion:168 Resp: 429499
Ion Ratio Lower Upper
168 100
139 43.2 32.4 48.6
169 14.3 10.6 15.8



#56
4-Nitrophenol
Concen: 87.980 ng
RT: 14.795 min Scan# 2009
Delta R.T. 0.013 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:139 Resp: 81370
Ion Ratio Lower Upper
139 100
109 129.2 104.1 144.1
65 136.2 112.0 152.0

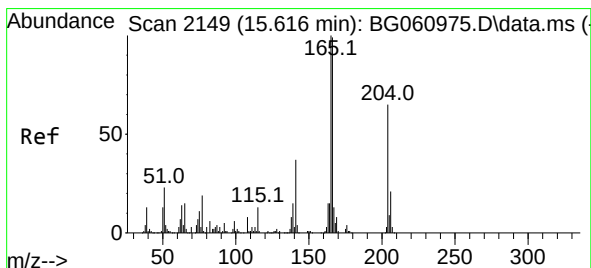
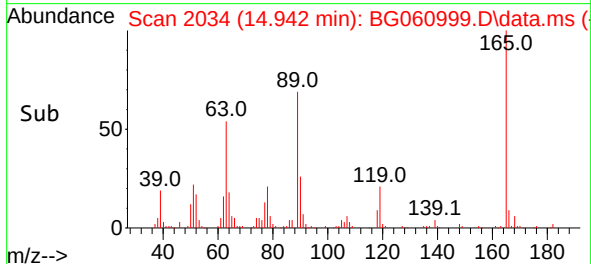
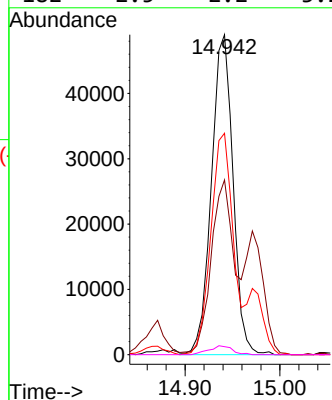
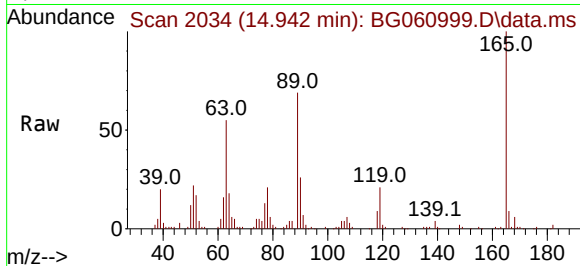




#57
2,4-Dinitrotoluene
Concen: 41.083 ng
RT: 14.942 min Scan# 2034
Delta R.T. 0.013 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

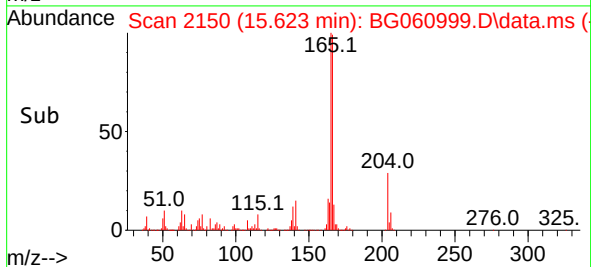
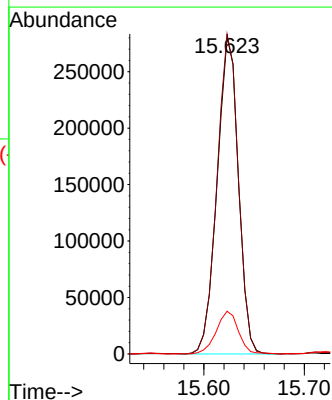
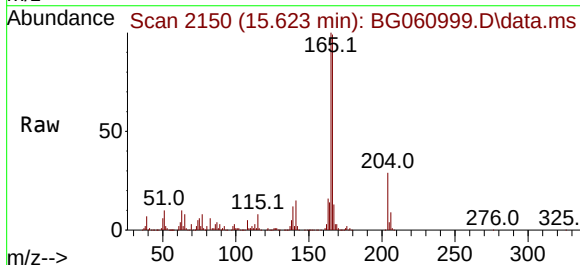
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

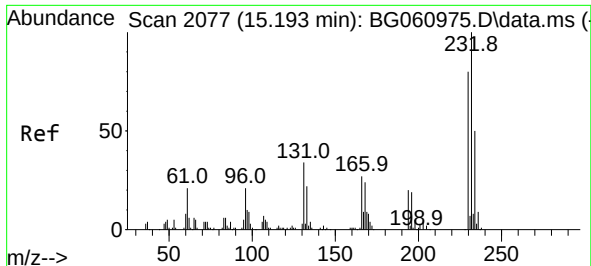
Tgt Ion:165 Resp: 77466
Ion Ratio Lower Upper
165 100
63 54.6 43.4 65.2
89 69.2 58.4 87.6
182 2.5 2.2 3.2



#58
Fluorene
Concen: 70.411 ng
RT: 15.623 min Scan# 2150
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:166 Resp: 412714
Ion Ratio Lower Upper
166 100
165 101.0 80.9 121.3
167 13.5 10.5 15.7

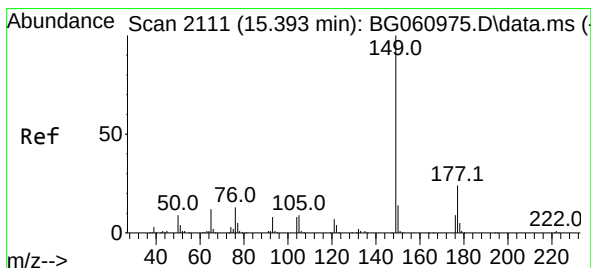
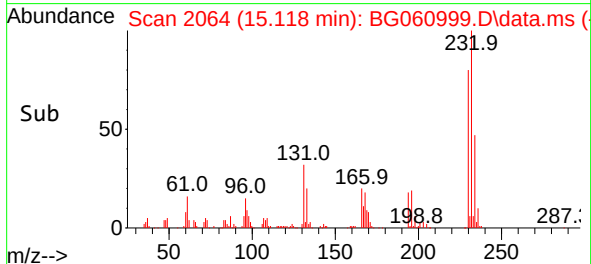
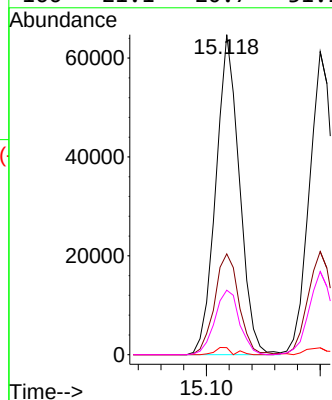
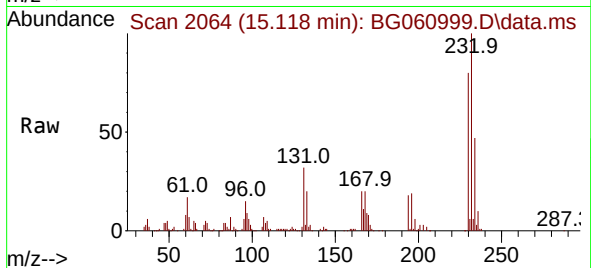




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.829 ng
RT: 15.118 min Scan# 2064
Delta R.T. -0.075 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

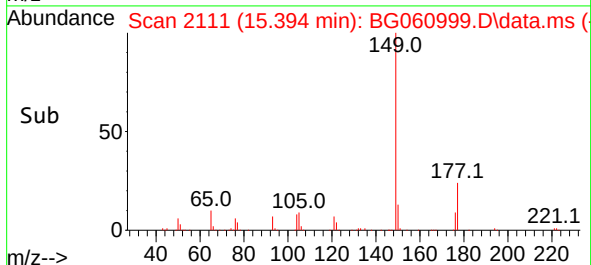
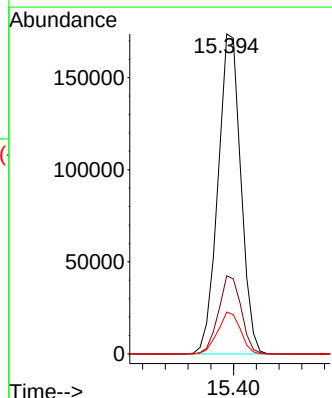
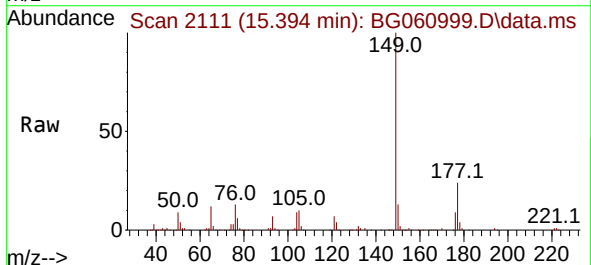
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

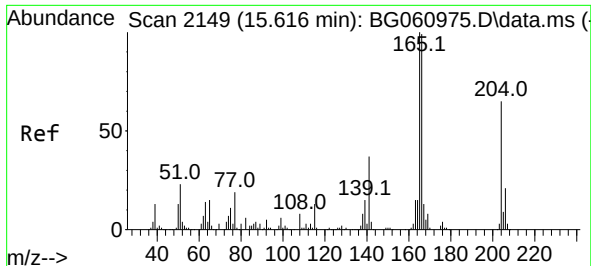
Tgt Ion:	232	Resp:	93013
Ion	Ratio	Lower	Upper
232	100		
131	32.6	27.4	41.0
130	1.7	1.5	2.3
166	21.1	20.7	31.1



#60
Diethylphthalate
Concen: 39.265 ng
RT: 15.394 min Scan# 2111
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:	149	Resp:	242629
Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.8	28.2
150	13.1	11.2	16.8

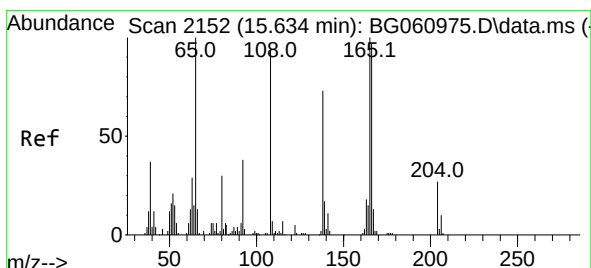
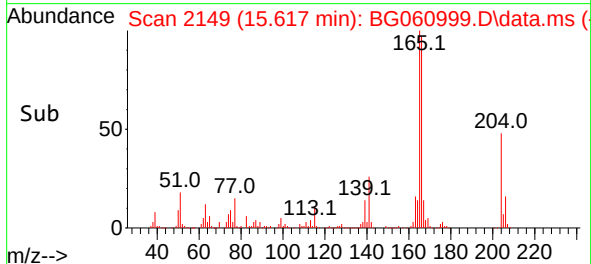
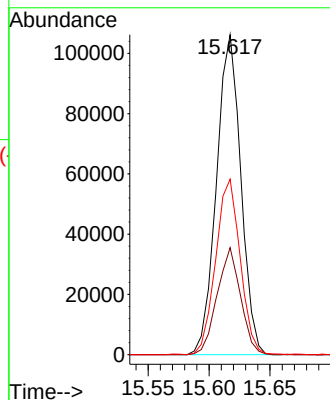
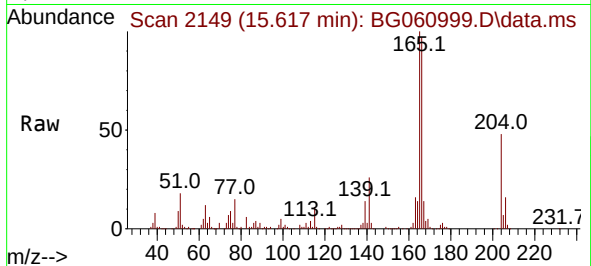




#61
4-Chlorophenyl-phenylether
Concen: 40.824 ng
RT: 15.617 min Scan# 2149
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

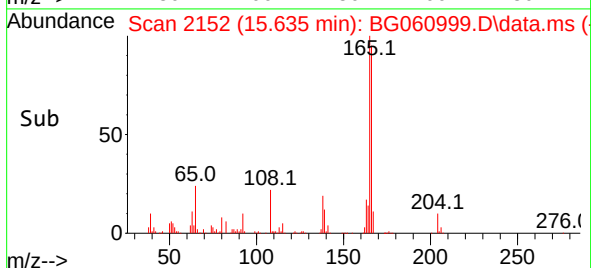
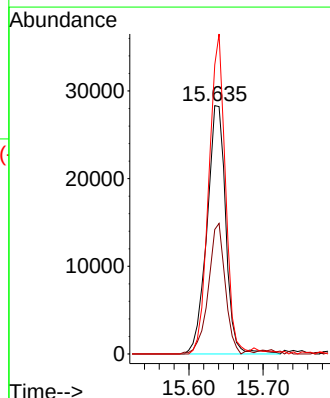
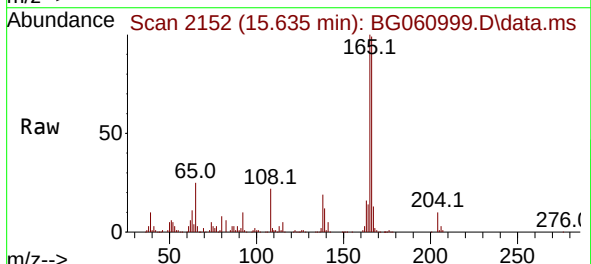
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

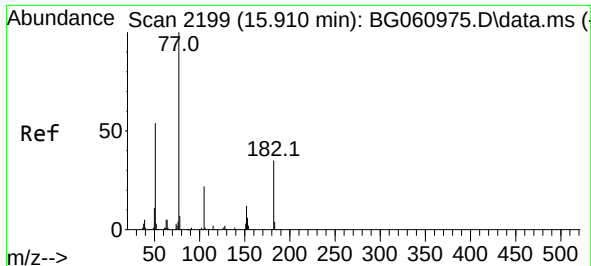
Tgt Ion:204 Resp: 147578
Ion Ratio Lower Upper
204 100
206 33.4 25.6 38.4
141 54.8 45.4 68.0



#62
4-Nitroaniline
Concen: 35.832 ng
RT: 15.635 min Scan# 2152
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:138 Resp: 49879
Ion Ratio Lower Upper
138 100
92 50.1 32.2 72.2
108 116.4 109.0 149.0

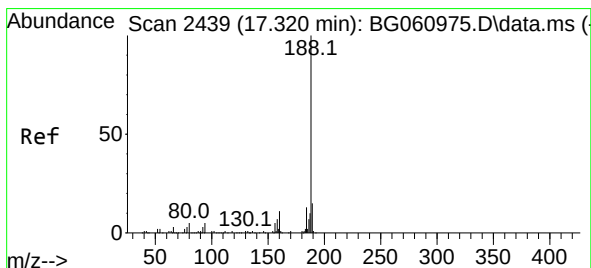
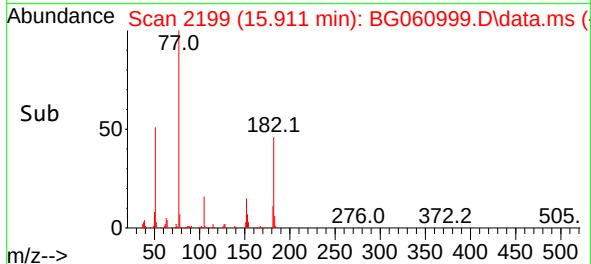
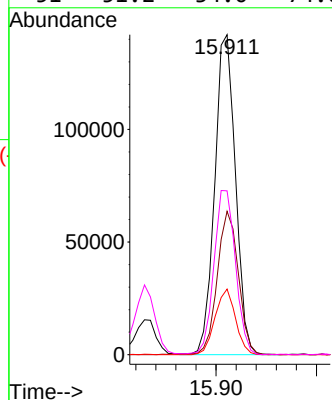
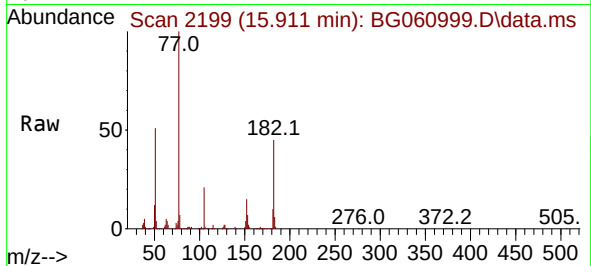




#63
 Azobenzene
 Concen: 40.591 ng
 RT: 15.911 min Scan# 2199
 Delta R.T. 0.001 min
 Lab File: BG060999.D
 Acq: 22 Apr 2024 20:11

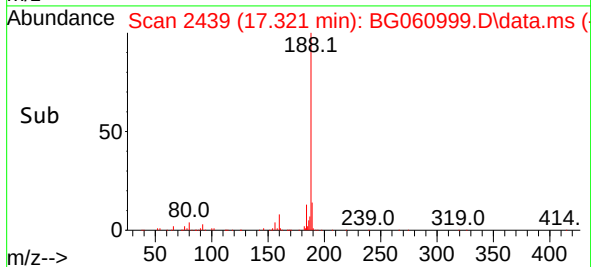
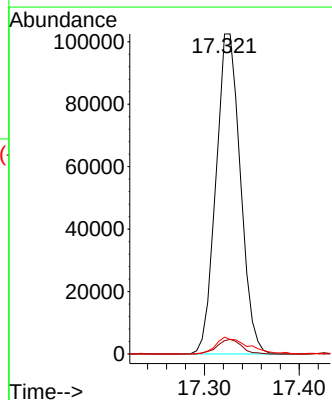
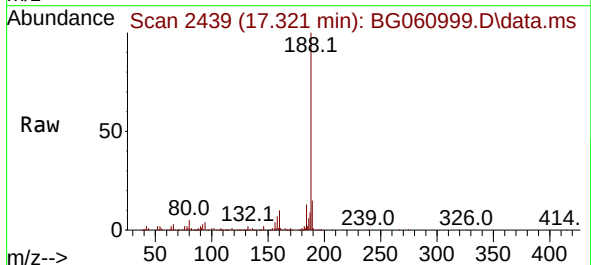
Instrument :
 BNA_G
 ClientSampleId :
 SP-1CMSD

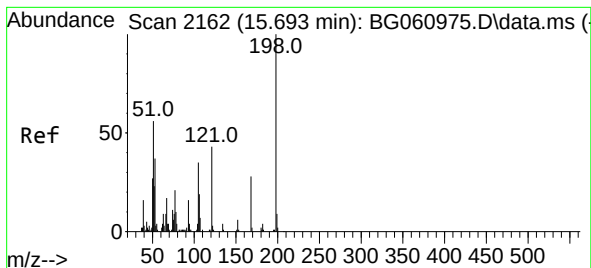
Tgt Ion: 77 Resp: 204010
 Ion Ratio Lower Upper
 77 100
 182 44.8 14.5 54.5
 105 20.5 1.9 41.9
 51 51.2 34.0 74.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.321 min Scan# 2439
 Delta R.T. 0.001 min
 Lab File: BG060999.D
 Acq: 22 Apr 2024 20:11

Tgt Ion:188 Resp: 183385
 Ion Ratio Lower Upper
 188 100
 94 4.2 4.1 6.1
 80 5.3 4.0 6.0

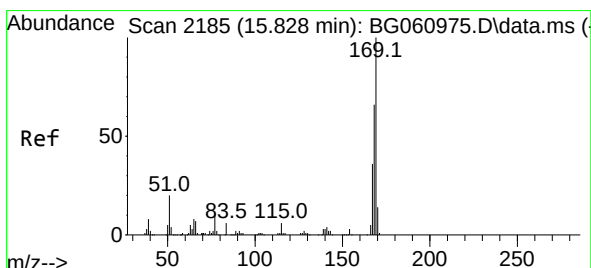
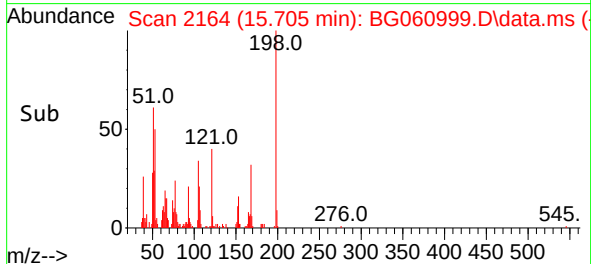
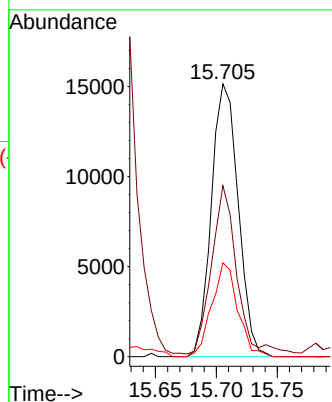
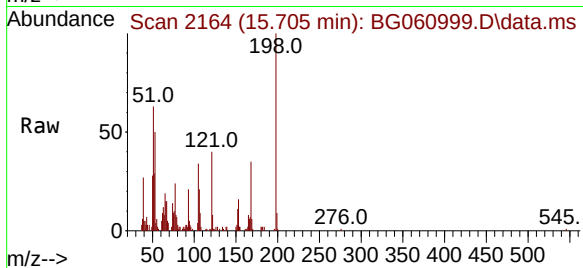




#65
4,6-Dinitro-2-methylphenol
Concen: 20.501 ng
RT: 15.705 min Scan# 2162
Delta R.T. 0.012 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

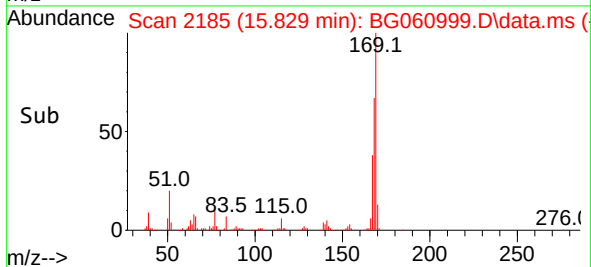
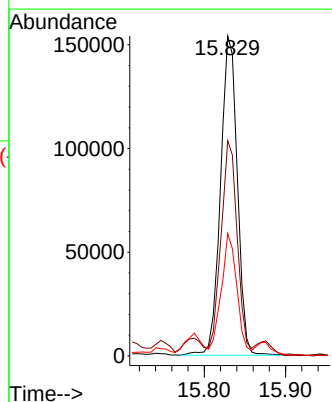
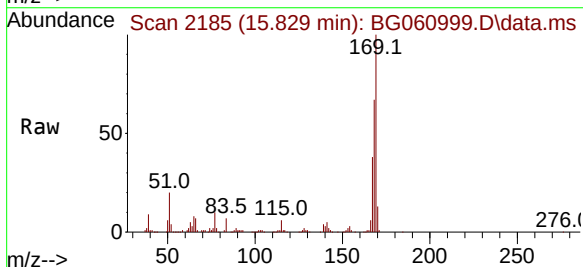
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

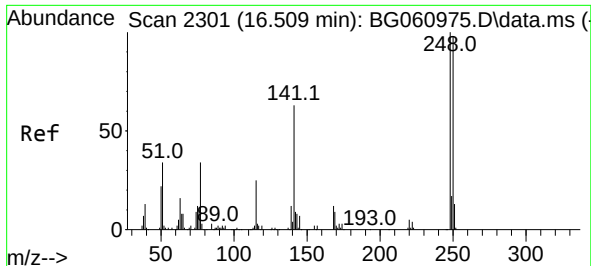
Tgt Ion:198 Resp: 23214
Ion Ratio Lower Upper
198 100
51 62.7 38.6 78.6
105 34.4 14.5 54.5



#66
n-Nitrosodiphenylamine
Concen: 43.869 ng
RT: 15.829 min Scan# 2185
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:169 Resp: 221641
Ion Ratio Lower Upper
169 100
168 67.2 52.5 78.7
167 38.3 28.8 43.2

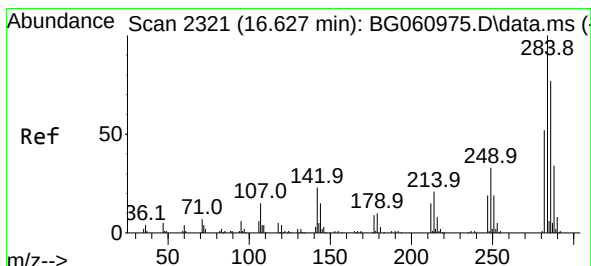
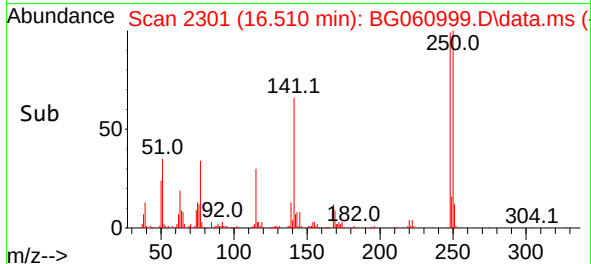
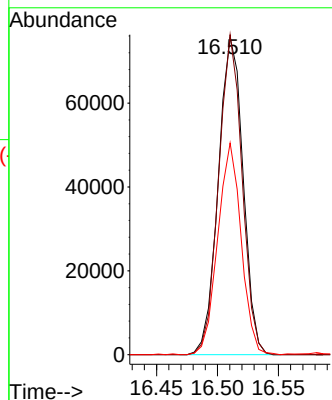
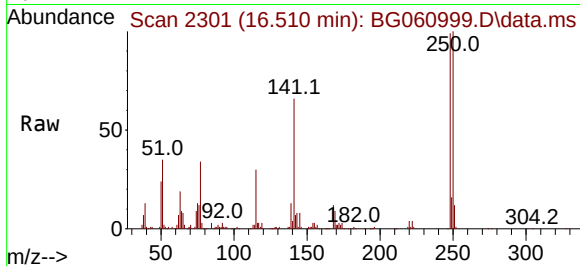




#67
4-Bromophenyl-phenylether
Concen: 44.227 ng
RT: 16.510 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

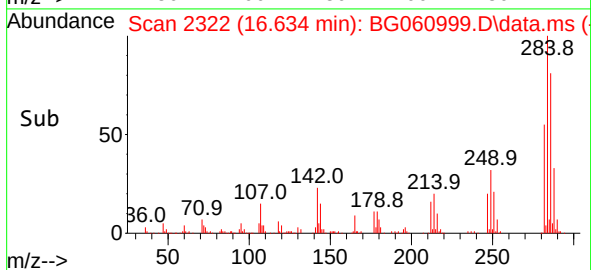
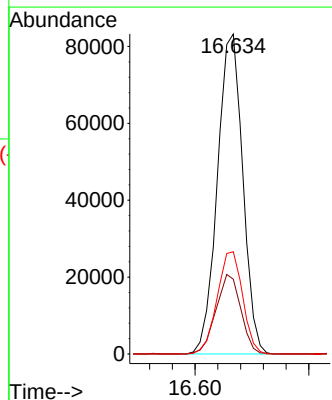
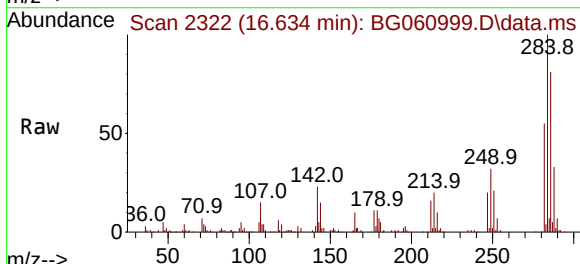
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

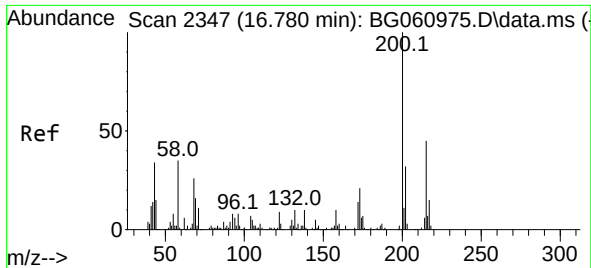
Tgt Ion:248 Resp: 107039
Ion Ratio Lower Upper
248 100
250 100.8 78.7 118.1
141 66.7 50.4 75.6



#68
Hexachlorobenzene
Concen: 48.183 ng
RT: 16.634 min Scan# 2322
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:284 Resp: 128809
Ion Ratio Lower Upper
284 100
142 23.3 18.7 28.1
249 31.9 26.4 39.6

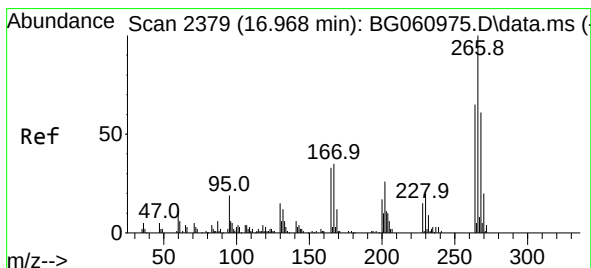
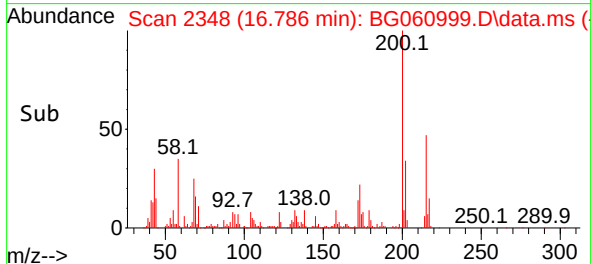
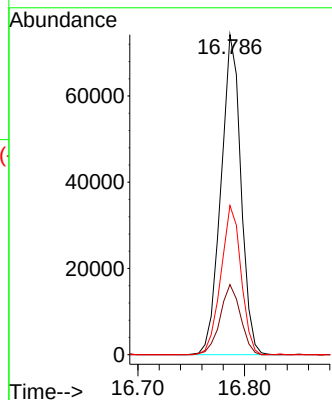
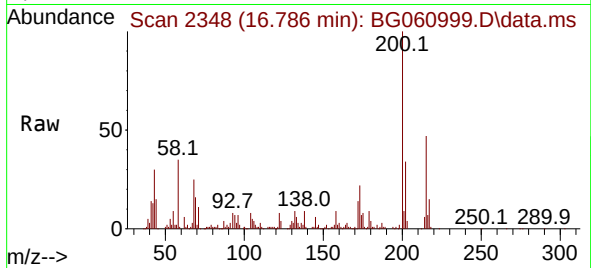




#69
Atrazine
Concen: 50.879 ng
RT: 16.786 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

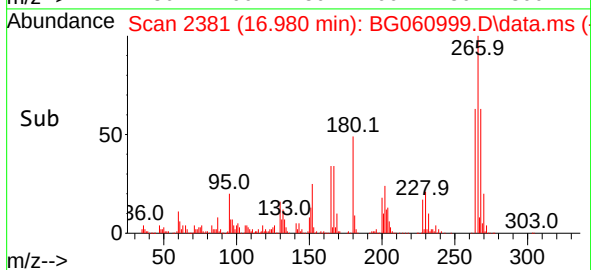
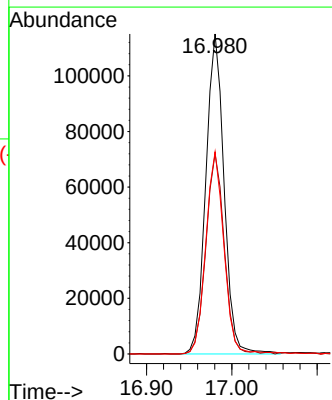
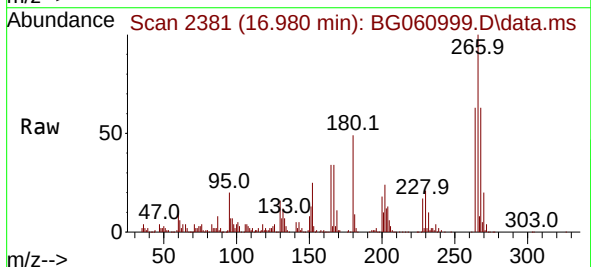
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

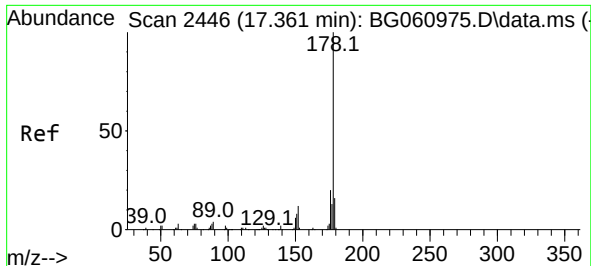
Tgt Ion:200 Resp: 96209
Ion Ratio Lower Upper
200 100
173 21.9 1.4 41.4
215 46.6 25.3 65.3



#70
Pentachlorophenol
Concen: 97.459 ng
RT: 16.980 min Scan# 2381
Delta R.T. 0.012 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:266 Resp: 170843
Ion Ratio Lower Upper
266 100
268 62.6 49.1 73.7
264 63.2 52.2 78.2

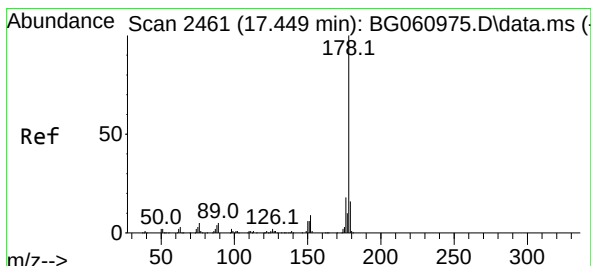
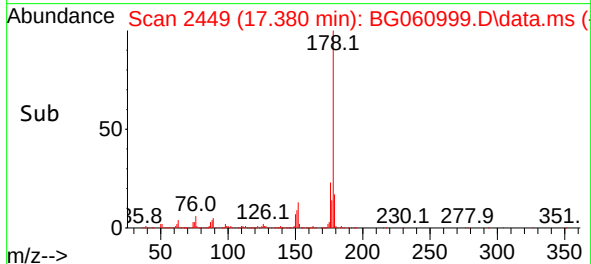
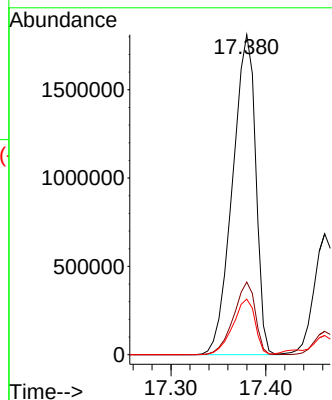
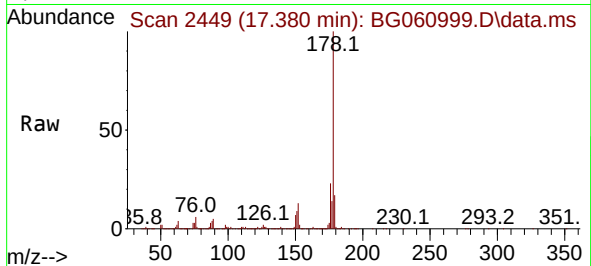




#71
Phenanthrene
Concen: 328.536 ng
RT: 17.380 min Scan# 2449
Delta R.T. 0.019 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

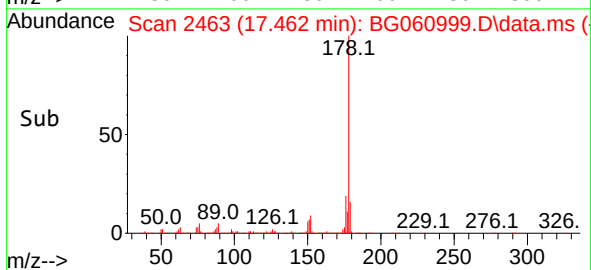
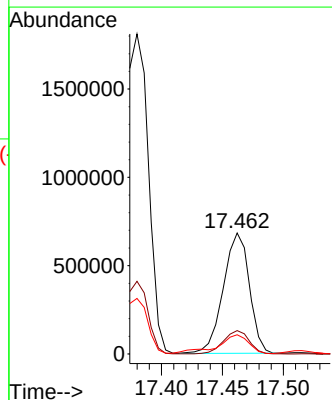
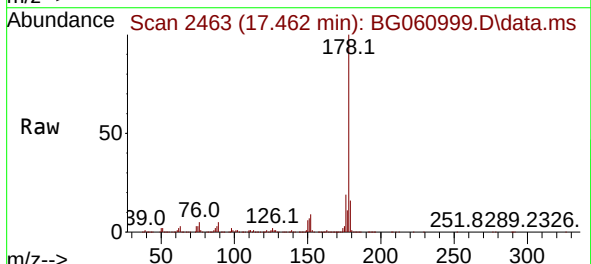
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

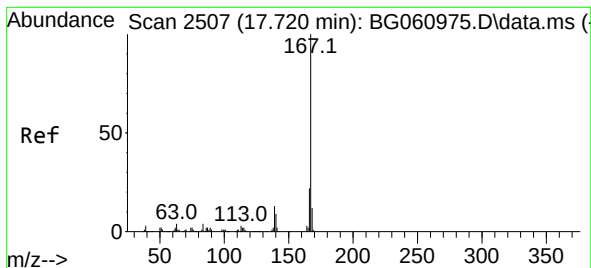
Tgt Ion:178 Resp: 3075277
Ion Ratio Lower Upper
178 100
176 22.7 16.0 24.0
179 17.4 12.5 18.7



#72
Anthracene
Concen: 105.482 ng
RT: 17.462 min Scan# 2463
Delta R.T. 0.013 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:178 Resp: 1016902
Ion Ratio Lower Upper
178 100
176 19.4 14.7 22.1
179 15.9 12.4 18.6





#73

Carbazole

Concen: 82.294 ng

RT: 17.726 min Scan# 2508

Delta R.T. 0.007 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

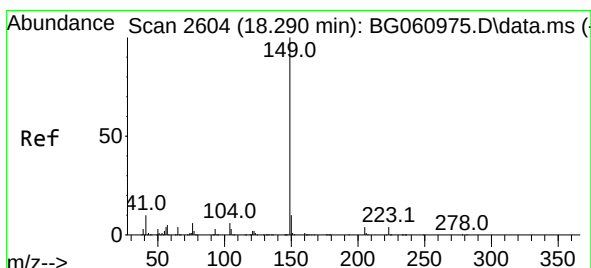
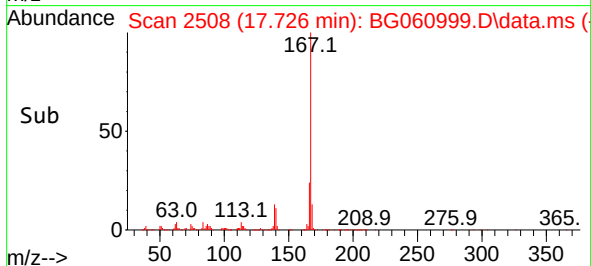
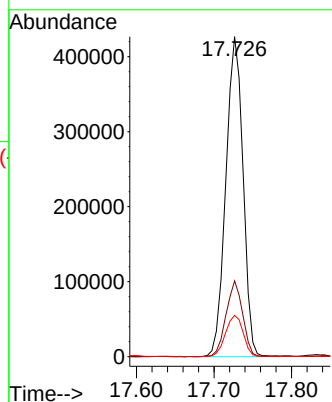
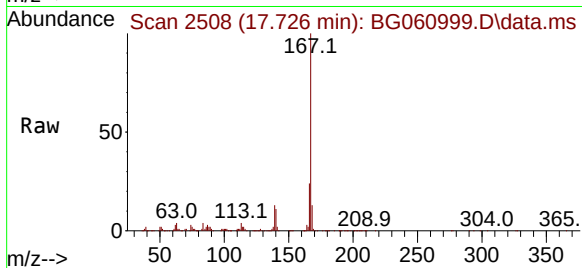
Tgt Ion:167 Resp: 658889

Ion Ratio Lower Upper

167 100

166 23.7 17.8 26.8

139 12.9 10.2 15.2



#74

Di-n-butylphthalate

Concen: 41.163 ng

RT: 18.291 min Scan# 2604

Delta R.T. 0.001 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

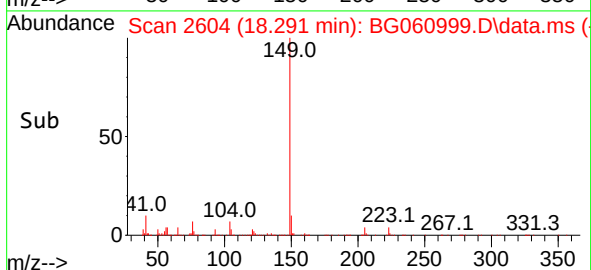
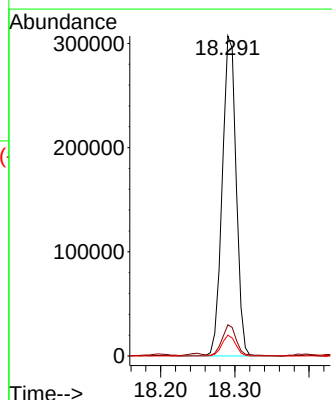
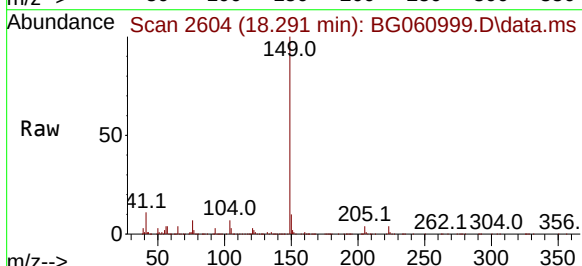
Tgt Ion:149 Resp: 400131

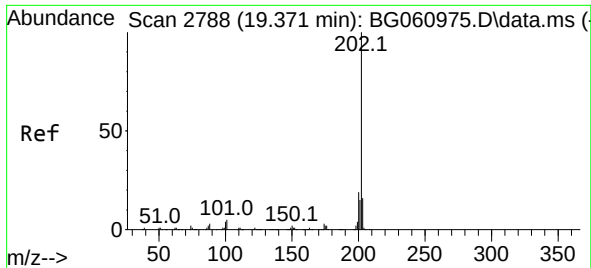
Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

104 6.5 5.0 7.6

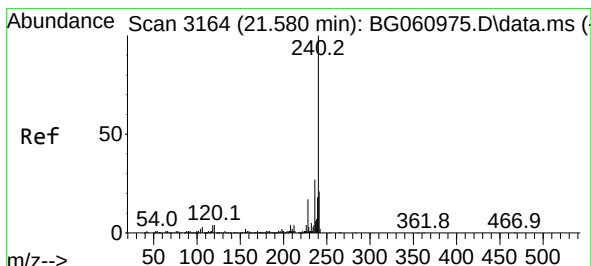
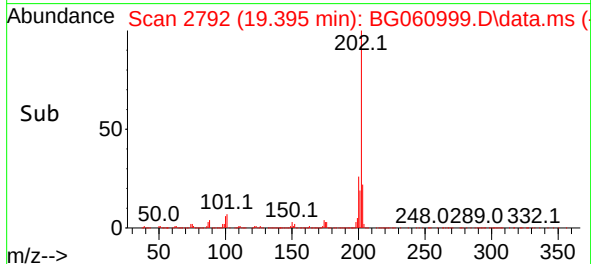
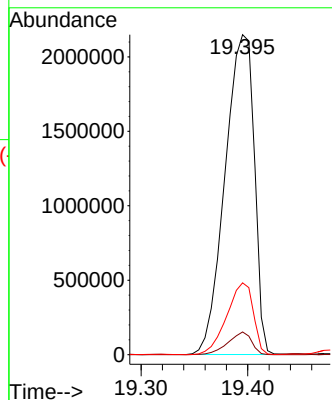
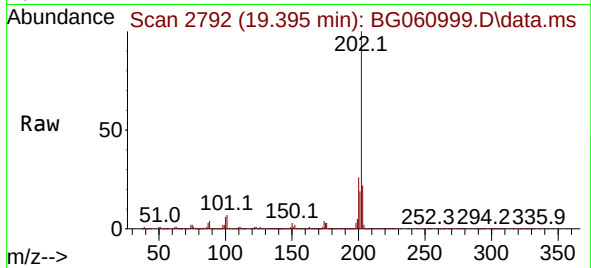




#75
Fluoranthene
Concen: 329.921 ng
RT: 19.395 min Scan# 21
Delta R.T. 0.024 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

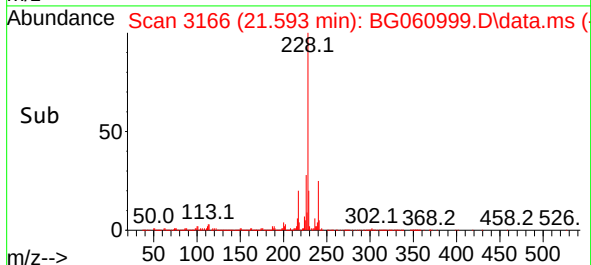
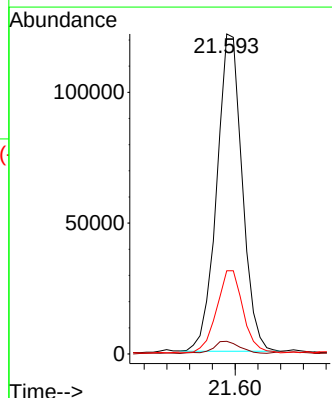
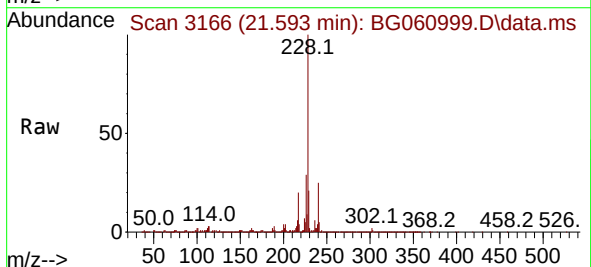
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

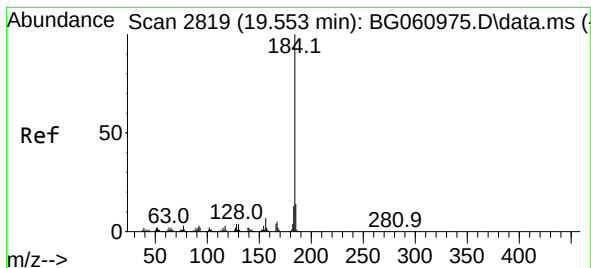
Tgt Ion:202 Resp: 4098512
Ion Ratio Lower Upper
202 100
101 7.1 0.0 24.9
203 22.5 0.0 36.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.593 min Scan# 3166
Delta R.T. 0.013 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:240 Resp: 188604
Ion Ratio Lower Upper
240 100
120 3.9 3.0 4.6
236 26.0 21.8 32.6





#77

Benzidine

Concen: 33.999 ng

RT: 19.560 min Scan# 2819

Delta R.T. 0.007 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

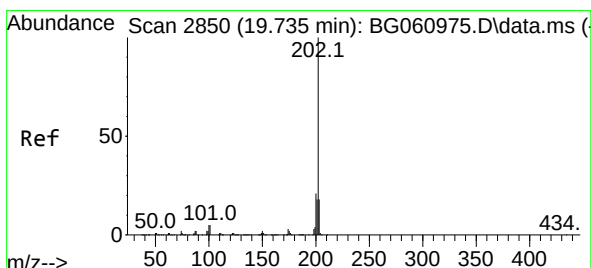
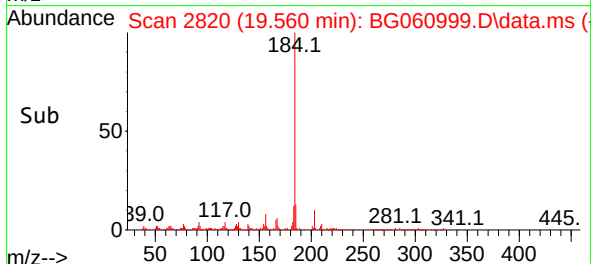
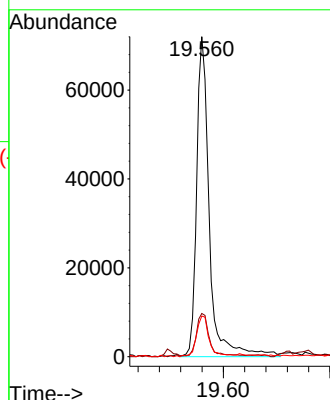
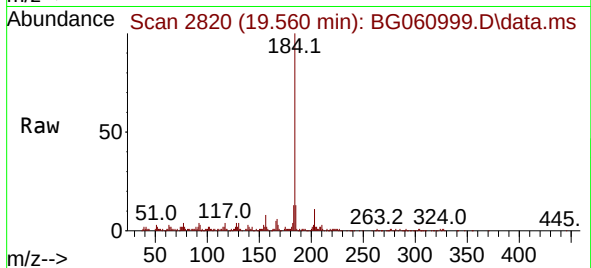
Tgt Ion:184 Resp: 118813

Ion Ratio Lower Upper

184 100

185 13.5 11.3 16.9

183 12.7 10.2 15.2



#78

Pyrene

Concen: 287.462 ng

RT: 19.759 min Scan# 2854

Delta R.T. 0.024 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

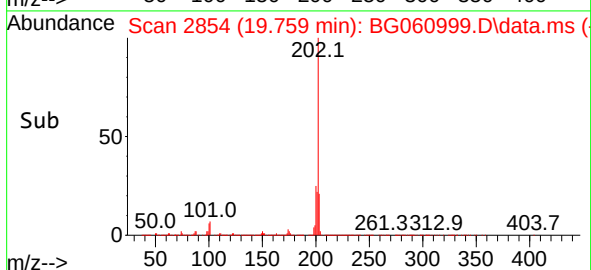
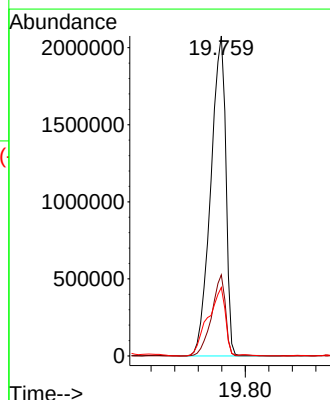
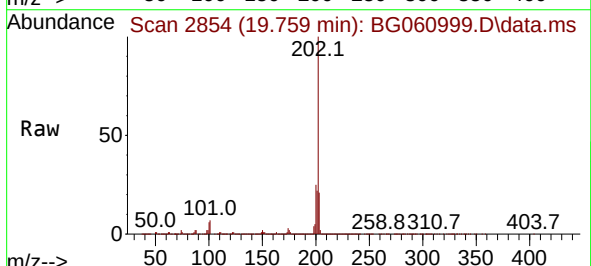
Tgt Ion:202 Resp: 3691582

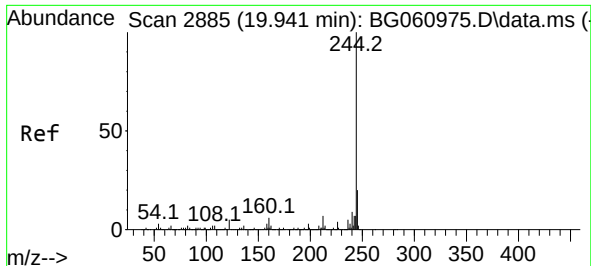
Ion Ratio Lower Upper

202 100

200 25.4 16.8 25.2#

203 21.4 14.2 21.2#

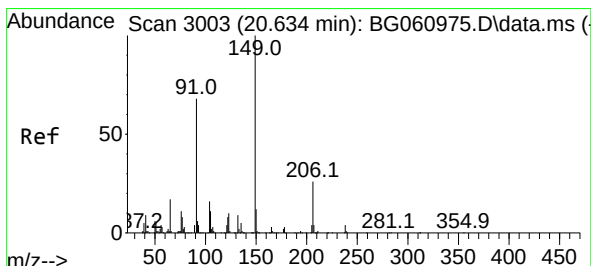
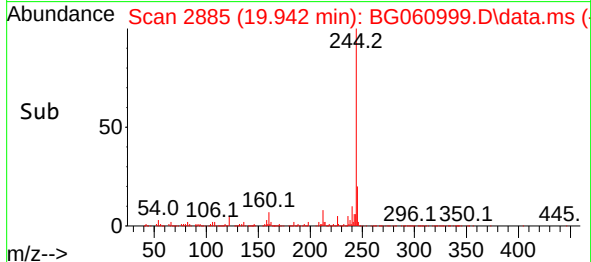
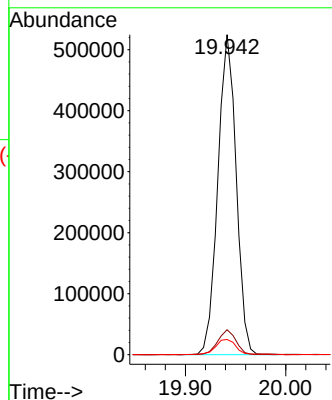
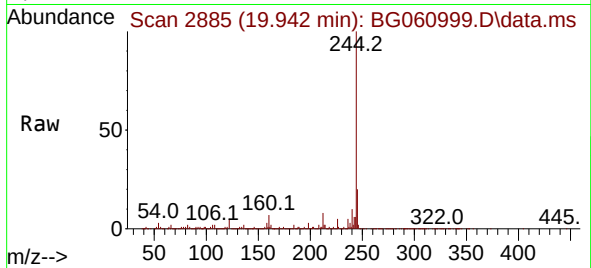




#79
 Terphenyl-d14
 Concen: 54.693 ng
 RT: 19.942 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG060999.D
 Acq: 22 Apr 2024 20:11

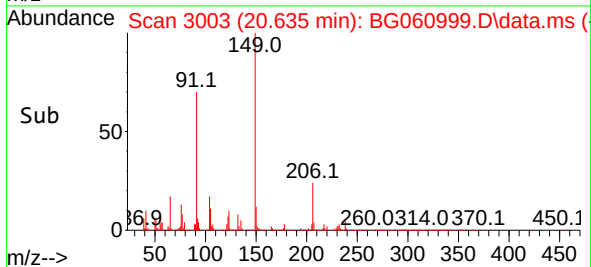
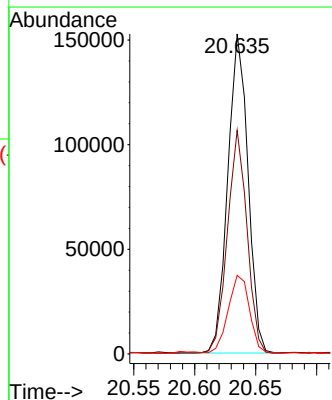
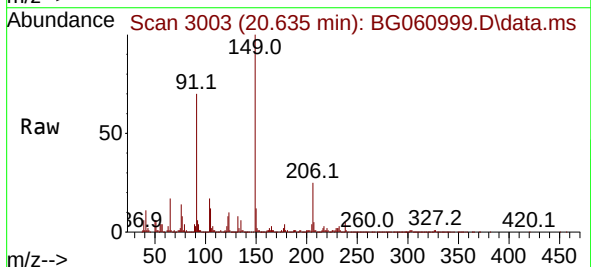
Instrument :
 BNA_G
 ClientSampleId :
 SP-1CMSD

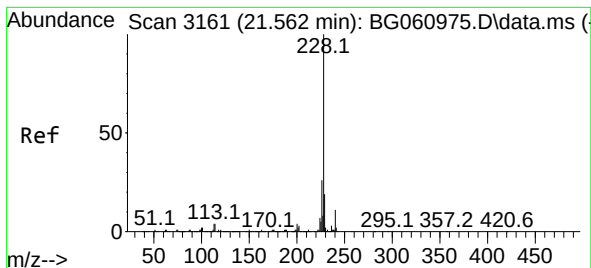
Tgt Ion:244 Resp: 664552
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 4.8 4.2 6.2



#80
 Butylbenzylphthalate
 Concen: 41.103 ng
 RT: 20.635 min Scan# 3003
 Delta R.T. 0.001 min
 Lab File: BG060999.D
 Acq: 22 Apr 2024 20:11

Tgt Ion:149 Resp: 175933
 Ion Ratio Lower Upper
 149 100
 91 69.9 54.4 81.6
 206 24.6 20.8 31.2





#81

Benzo(a)anthracene

Concen: 175.868 ng

RT: 21.581 min Scan# 3164

Delta R.T. 0.019 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

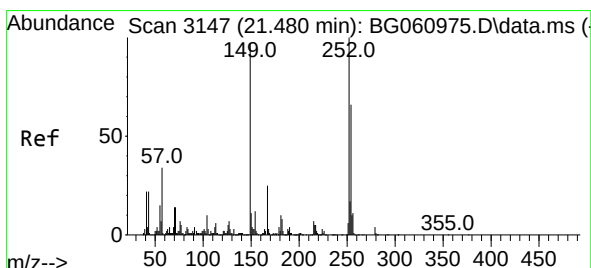
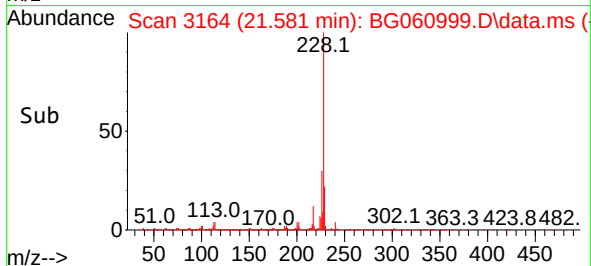
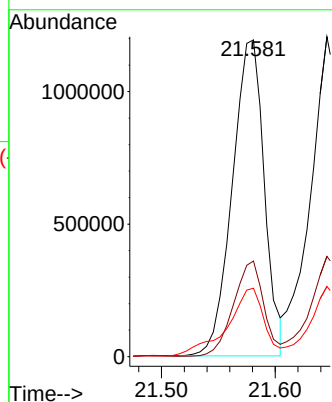
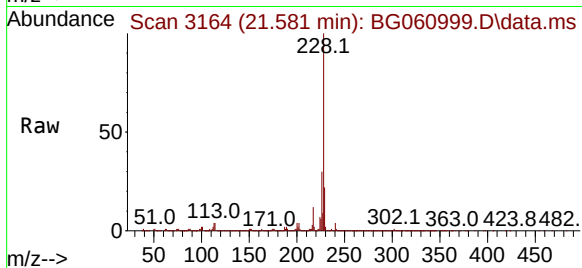
Tgt Ion:228 Resp: 2332006

Ion Ratio Lower Upper

228 100

226 30.2 21.0 31.4

229 21.6 15.0 22.4



#82

3,3'-Dichlorobenzidine

Concen: 31.474 ng

RT: 21.487 min Scan# 3148

Delta R.T. 0.007 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

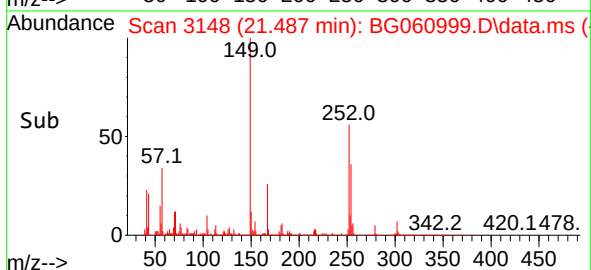
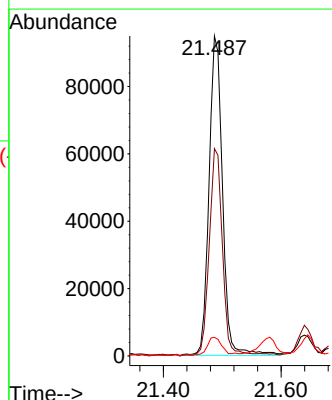
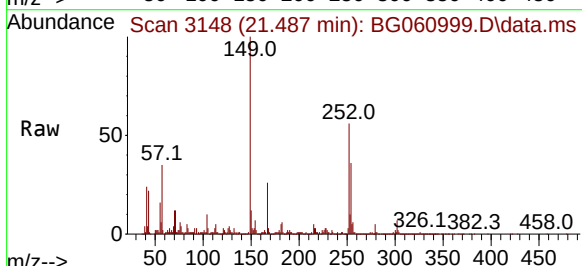
Tgt Ion:252 Resp: 150829

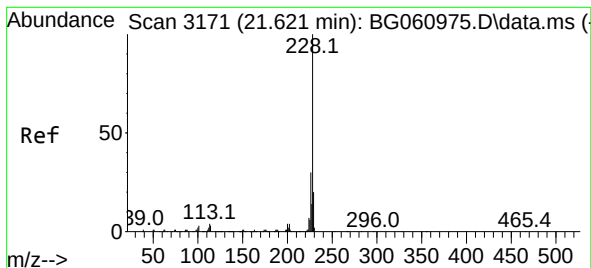
Ion Ratio Lower Upper

252 100

254 64.8 52.7 79.1

126 5.8 4.2 6.2





#83

Chrysene

Concen: 169.714 ng

RT: 21.645 min Scan# 3175

Delta R.T. 0.024 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

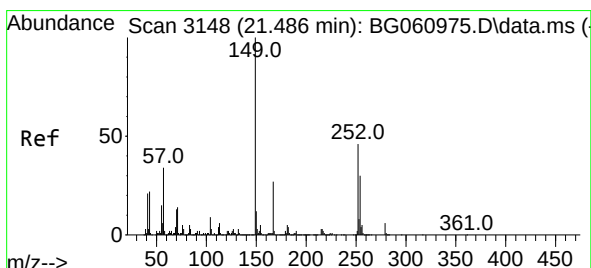
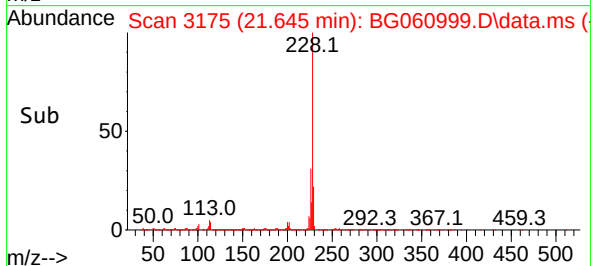
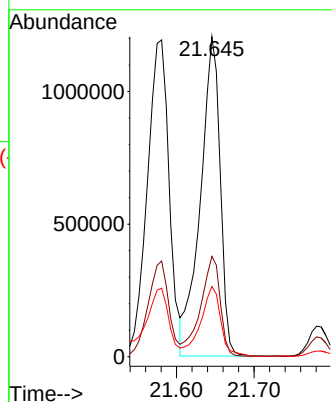
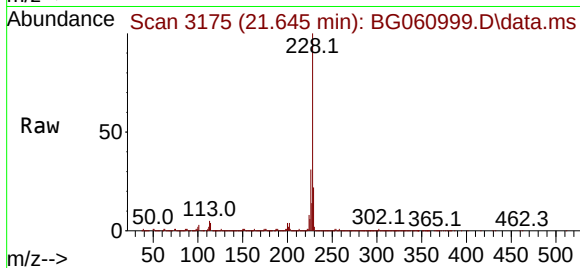
Tgt Ion:228 Resp: 2142568

Ion Ratio Lower Upper

228 100

226 31.4 24.2 36.2

229 21.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.937 ng

RT: 21.493 min Scan# 3149

Delta R.T. 0.007 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

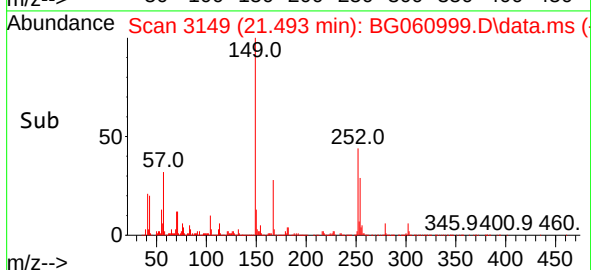
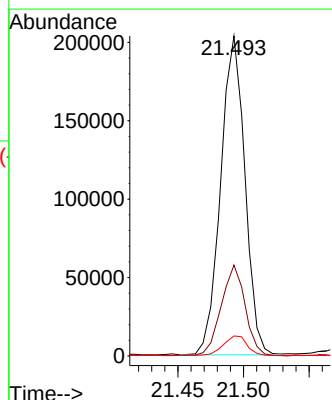
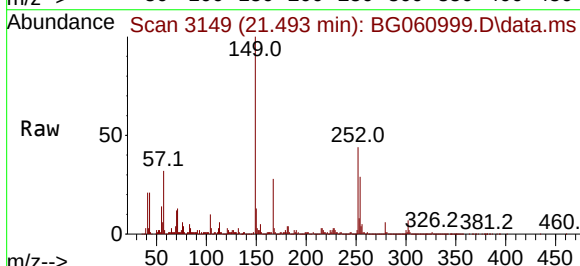
Tgt Ion:149 Resp: 260978

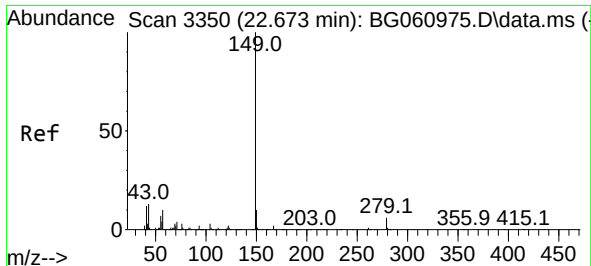
Ion Ratio Lower Upper

149 100

167 28.4 21.8 32.8

279 6.3 4.4 6.6

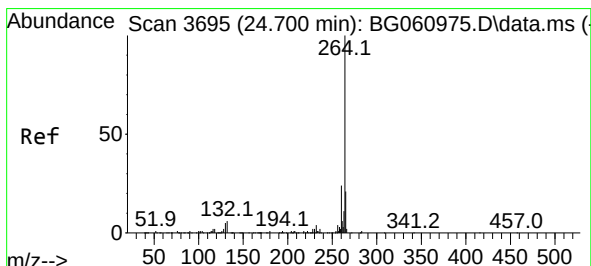
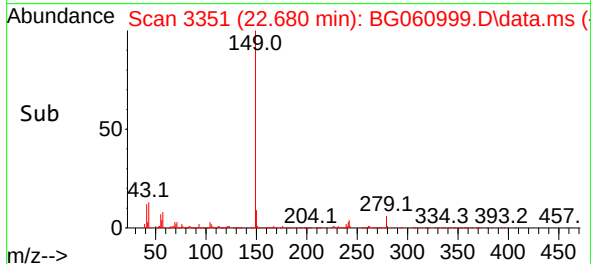
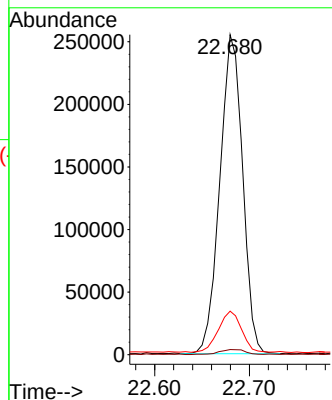
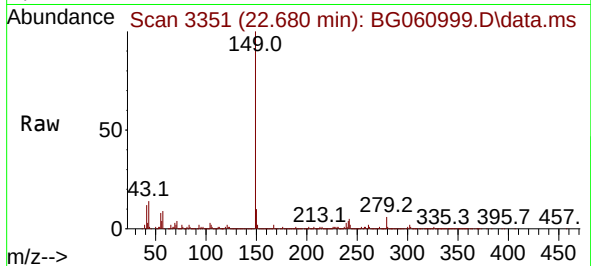




#85
Di-n-octyl phthalate
Concen: 41.186 ng
RT: 22.680 min Scan# 31
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

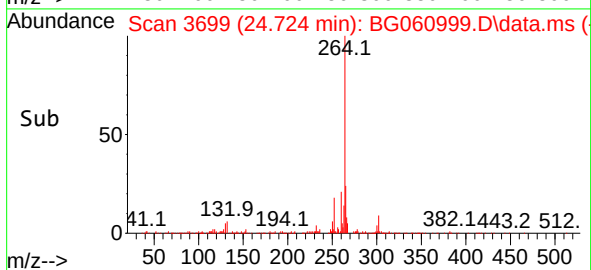
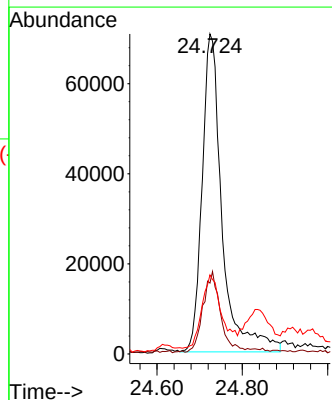
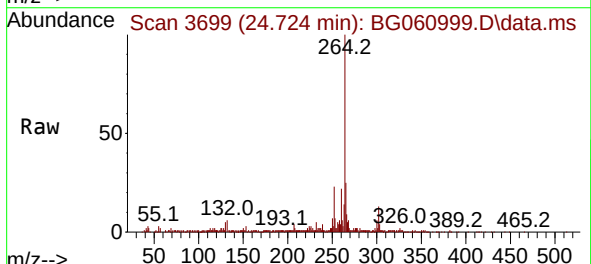
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

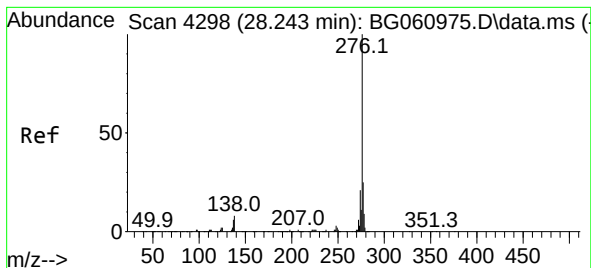
Tgt Ion:149 Resp: 425519
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 13.1 11.0 16.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.724 min Scan# 3699
Delta R.T. 0.024 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:264 Resp: 229469
Ion Ratio Lower Upper
264 100
260 22.2 19.4 29.2
265 24.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 77.100 ng

RT: 28.302 min Scan# 41

Delta R.T. 0.060 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

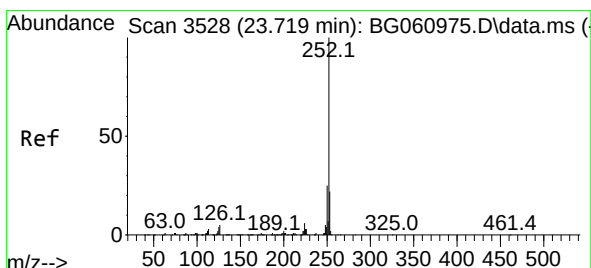
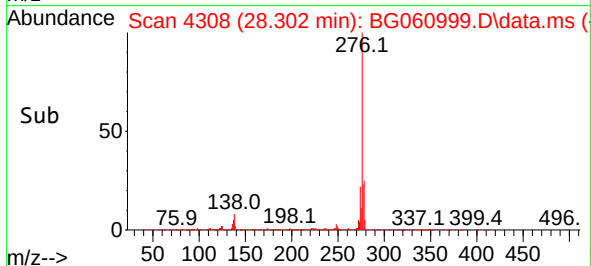
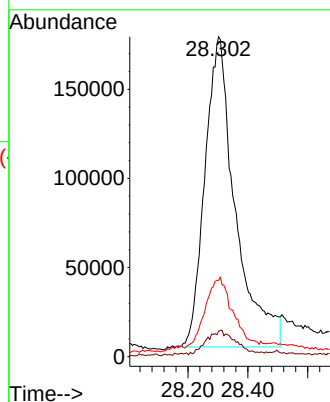
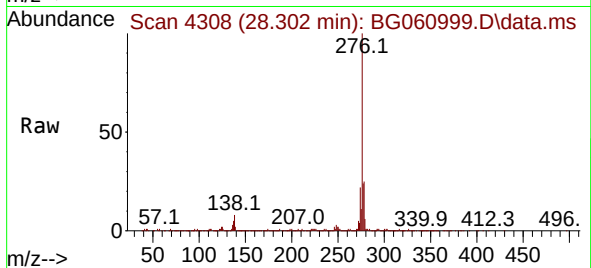
Tgt Ion:276 Resp: 1227304

Ion Ratio Lower Upper

276 100

138 7.7 5.3 7.9

277 21.2 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 187.195 ng

RT: 23.755 min Scan# 3534

Delta R.T. 0.036 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

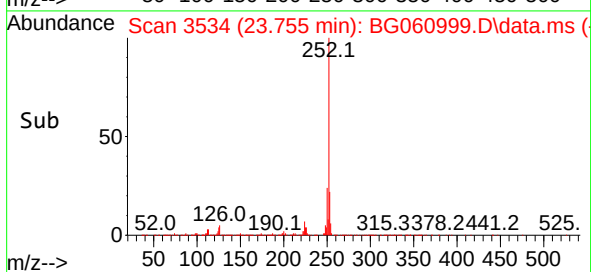
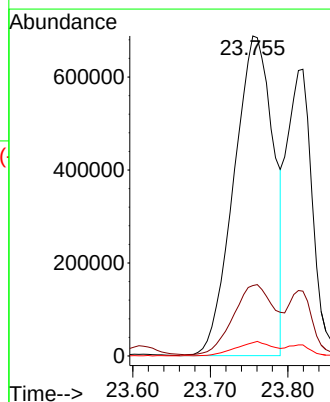
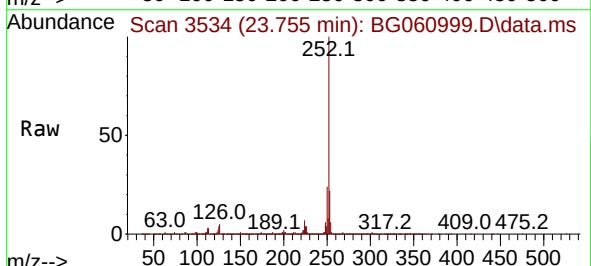
Tgt Ion:252 Resp: 2434259

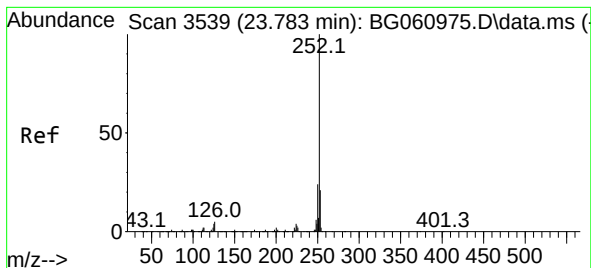
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 4.1 3.3 4.9





#89

Benzo(k)fluoranthene

Concen: 98.416 ng

RT: 23.819 min Scan# 3

Delta R.T. 0.036 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

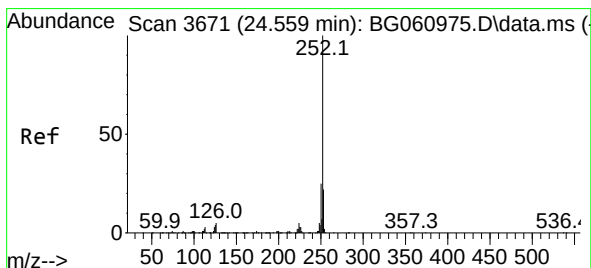
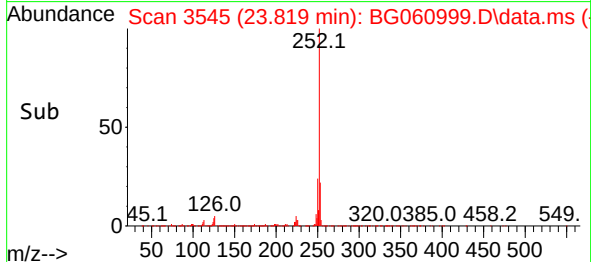
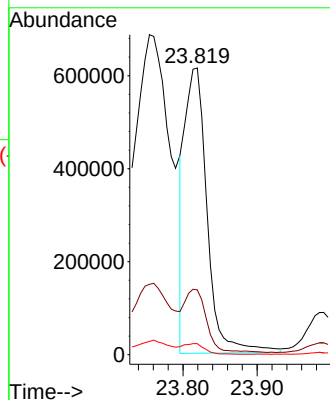
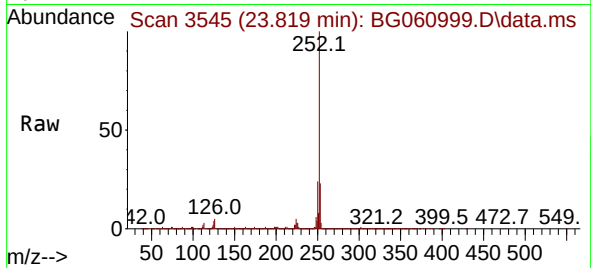
Tgt Ion:252 Resp: 1291928

Ion Ratio Lower Upper

252 100

253 22.6 16.6 25.0

125 3.8 3.3 4.9



#90

Benzo(a)pyrene

Concen: 154.261 ng

RT: 24.601 min Scan# 3678

Delta R.T. 0.042 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

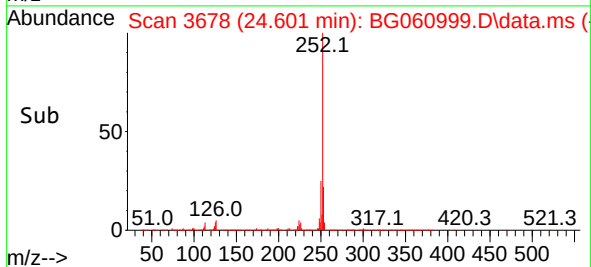
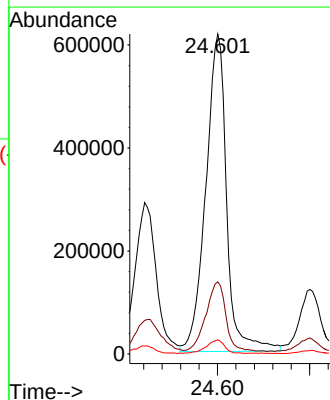
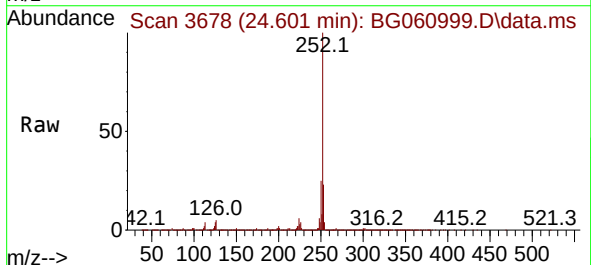
Tgt Ion:252 Resp: 1941652

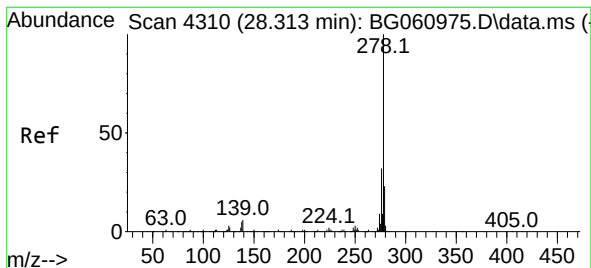
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 4.4 3.6 5.4





#91

Dibenzo(a,h)anthracene

Concen: 43.572 ng

RT: 28.361 min Scan# 41

Delta R.T. 0.048 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

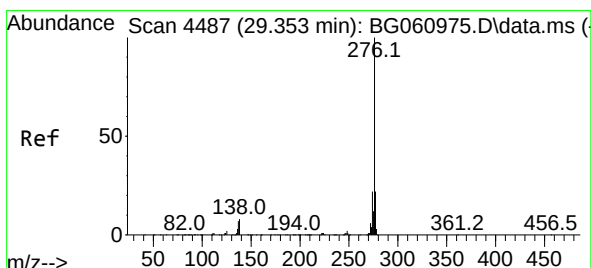
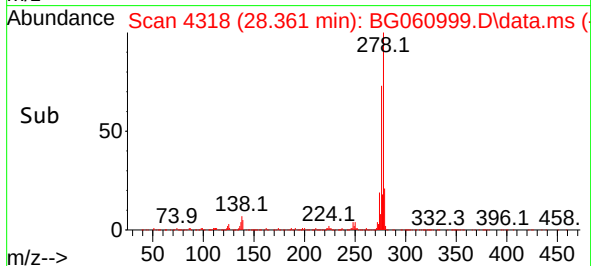
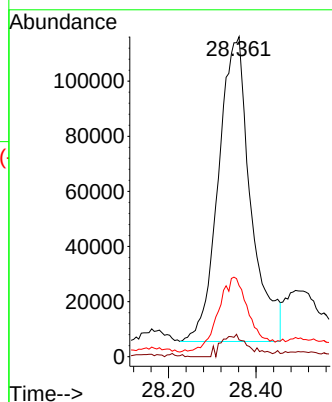
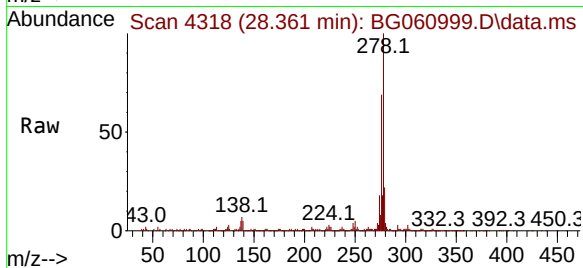
Tgt Ion:278 Resp: 566677

Ion Ratio Lower Upper

278 100

139 5.2 4.7 7.1

279 22.2 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 73.671 ng

RT: 29.413 min Scan# 4497

Delta R.T. 0.060 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Tgt Ion:276 Resp: 950004

Ion Ratio Lower Upper

276 100

277 24.6 18.0 27.0

138 7.4 6.5 9.7

