

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120723\
 Data File : BG059990.D
 Acq On : 7 Dec 2023 17:22
 Operator : MA/JU
 Sample : PB157585BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157585BL

Quant Time: Dec 08 03:15:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 02:35:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	130204	20.000	ng	0.00
21) Naphthalene-d8	10.759	136	421197	20.000	ng	# 0.00
39) Acenaphthene-d10	14.595	164	369935	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	1376781	20.000	ng	0.00
76) Chrysene-d12	21.611	240	2131573	20.000	ng	-0.01
86) Perylene-d12	24.807	264	2495544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.530	112	1007033	143.034	ng	0.00
7) Phenol-d6	7.116	99	1400643	141.498	ng	0.00
23) Nitrobenzene-d5	9.120	82	883510	92.632	ng	0.00
42) 2,4,6-Tribromophenol	16.082	330	2015456	187.439	ng	0.00
45) 2-Fluorobiphenyl	13.221	172	3193298	103.727	ng	0.00
79) Terphenyl-d14	19.972	244	7364090	95.662	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.450	88	188	0.059	ng	# 1
3) Pyridine	3.832	79	136	0.015	ng	# 40
4) n-Nitrosodimethylamine	3.732	42	479	0.125	ng	# 1
6) Aniline	7.275	93	177	0.017	ng	# 1
8) 2-Chlorophenol	7.527	128	58	0.009	ng	# 10
9) Benzaldehyde	7.110	77	4130	0.684	ng	# 5
10) Phenol	7.151	94	330	0.034	ng	# 83
11) bis(2-Chloroethyl)ether	7.369	93	344	0.053	ng	# 38
12) 1,3-Dichlorobenzene	7.862	146	59	0.006	ng	# 1
13) 1,4-Dichlorobenzene	7.986	146	252	0.027	ng	# 26
14) 1,2-Dichlorobenzene	8.185	146	63	0.007	ng	# 19
15) Benzyl Alcohol	8.197	79	230	0.026	ng	# 17
16) 2,2'-oxybis(1-Chloropr...	8.497	45	66	0.019	ng	# 41
17) 2-Methylphenol	8.362	107	68	0.010	ng	# 1
18) Hexachloroethane	9.084	117	380	0.125	ng	# 1
19) n-Nitroso-di-n-propyla...	9.114	70	137506	20.616	ng	# 77
20) 3+4-Methylphenols	8.726	107	345	0.037	ng	# 36
22) Acetophenone	8.761	105	86	0.007	ng	# 1
24) Nitrobenzene	9.184	77	434	0.044	ng	# 50
25) Isophorone	9.613	82	343	0.020	ng	# 67
26) 2-Nitrophenol	9.848	139	118	0.031	ng	# 23
27) 2,4-Dimethylphenol	9.948	122	55	0.011	ng	# 61
28) bis(2-Chloroethoxy)met...	10.142	93	395	0.049	ng	# 51
29) 2,4-Dichlorophenol	10.406	162	230	0.024	ng	# 27
30) 1,2,4-Trichlorobenzene	10.583	180	53	0.004	ng	# 9
31) Naphthalene	10.806	128	103	0.005	ng	# 68
32) Benzoic acid	10.083	122	170	0.033	ng	# 1
33) 4-Chloroaniline	10.923	127	105	0.013	ng	# 44
34) Hexachlorobutadiene	11.100	225	530	0.036	ng	# 21
35) Caprolactam	11.693	113	57	0.026	ng	# 46
36) 4-Chloro-3-methylphenol	12.034	107	267	0.031	ng	# 81
37) 2-Methylnaphthalene	12.398	142	732	0.039	ng	# 12
38) 1-Methylnaphthalene	12.627	142	483	0.027	ng	# 25
40) 1,2,4,5-Tetrachloroben...	12.780	216	453	0.019	ng	# 55
41) Hexachlorocyclopentadiene	12.386	237	106	0.010	ng	# 80
43) 2,4,6-Trichlorophenol	13.027	196	187	0.015	ng	# 12

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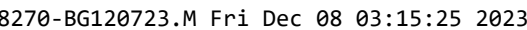
Instrument :
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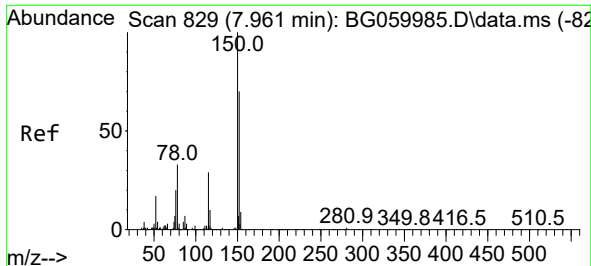
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	189	0.014	ng	# 47
46) 1,1'-Biphenyl	13.426	154	450	0.017	ng	# 43
47) 2-Chloronaphthalene	13.473	162	434	0.019	ng	# 44
48) 2-Nitroaniline	13.667	65	368	0.081	ng	# 36
49) Acenaphthylene	14.325	152	161	0.005	ng	# 62
50) Dimethylphthalate	14.049	163	1146	0.039	ng	# 1
51) 2,6-Dinitrotoluene	14.590	165	51578	7.947	ng	# 32
52) Acenaphthene	14.648	154	919	0.041	ng	# 36
53) 3-Nitroaniline	14.466	138	78	0.018	ng	# 1
54) 2,4-Dinitrophenol	14.689	184	298	0.055	ng	# 65
55) Dibenzofuran	15.007	168	2042	0.055	ng	# 35
56) 4-Nitrophenol	14.795	139	300	0.080	ng	# 1
57) 2,4-Dinitrotoluene	14.590	165	51578	5.549	ng	# 30
58) Fluorene	15.630	166	1431	0.045	ng	# 42
59) 2,3,4,6-Tetrachlorophenol	15.207	232	501	0.032	ng	# 9
60) Diethylphthalate	15.412	149	904	0.034	ng	# 90
61) 4-Chlorophenyl-phenylether	15.647	204	693	0.026	ng	# 43
62) 4-Nitroaniline	15.630	138	85	0.017	ng	# 1
63) Azobenzene	15.941	77	843	0.036	ng	# 37
65) 4,6-Dinitro-2-methylph...	15.418	198	277	0.028	ng	# 62
66) n-Nitrosodiphenylamine	15.841	169	1958	0.060	ng	# 32
67) 4-Bromophenyl-phenylether	16.082	248	118691	5.495	ng	# 1
68) Hexachlorobenzene	16.640	284	416	0.017	ng	# 28
69) Atrazine	16.805	200	1110	0.078	ng	# 55
70) Pentachlorophenol	16.993	266	361	0.021	ng	# 20
71) Phenanthrene	17.380	178	3359	0.053	ng	# 93
72) Anthracene	17.480	178	3798	0.060	ng	# 59
73) Carbazole	17.739	167	4333	0.083	ng	# 87
74) Di-n-butylphthalate	18.315	149	3551	0.077	ng	# 83
75) Fluoranthene	19.402	202	10498	0.106	ng	# 85
77) Benzidine	19.584	184	11872	0.475	ng	# 87
78) Pyrene	19.766	202	11905	0.104	ng	# 89
80) Butylbenzylphthalate	20.806	149	633	0.031	ng	# 94
81) Benzo(a)anthracene	21.593	228	18827	0.138	ng	# 66
82) 3,3'-Dichlorobenzidine	21.511	252	2497	0.051	ng	# 77
83) Chrysene	21.658	228	8047	0.063	ng	# 76
84) Bis(2-ethylhexyl)phtha...	21.517	149	2498	0.084	ng	# 57
85) Di-n-octyl phthalate	22.721	149	3894	0.076	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.438	276	3002	0.017	ng	# 68
88) Benzo(b)fluoranthene	23.796	252	4982	0.034	ng	# 93
89) Benzo(k)fluoranthene	23.855	252	6767	0.048	ng	# 81
90) Benzo(a)pyrene	24.643	252	4714	0.036	ng	# 57
91) Dibenzo(a,h)anthracene	28.503	278	2623	0.017	ng	# 67
92) Benzo(g,h,i)perylene	29.596	276	682	0.005	ng	# 88

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

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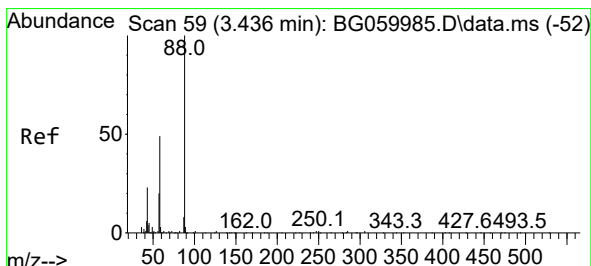
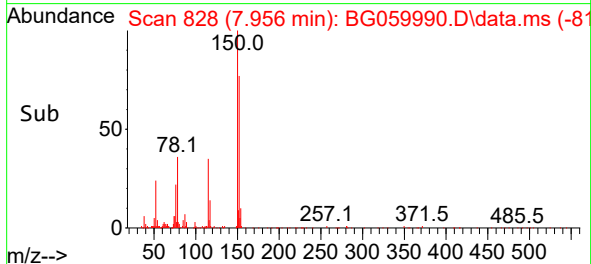
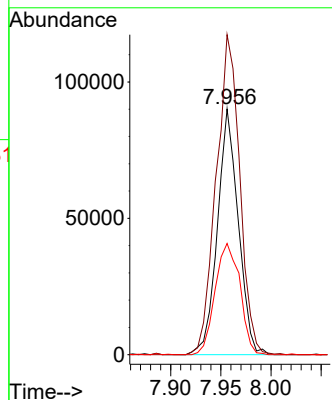
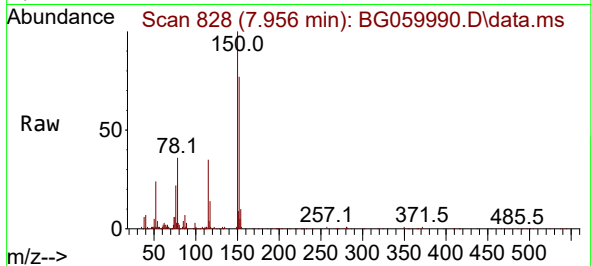




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.956 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BG059990.D
 Acq: 7 Dec 2023 17:22

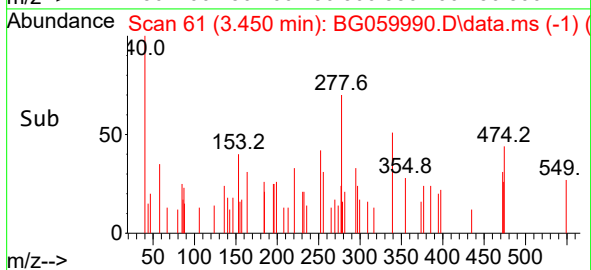
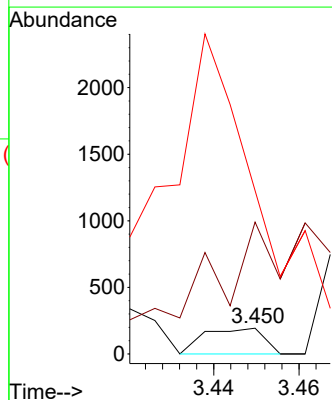
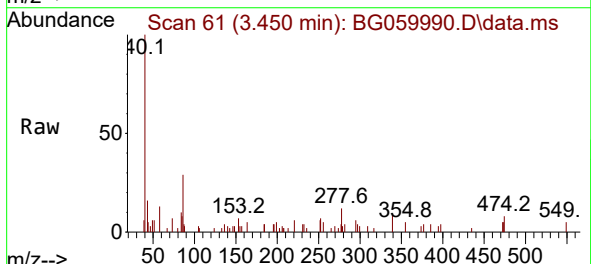
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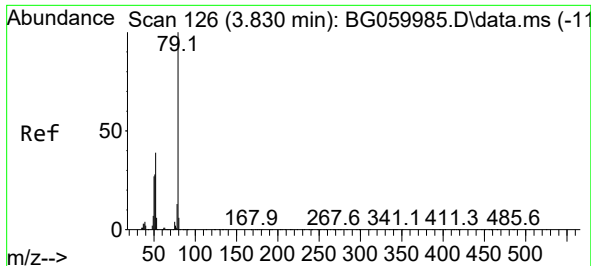
Tgt Ion:152 Resp: 130204
 Ion Ratio Lower Upper
 152 100
 150 130.2 115.0 172.6
 115 45.2 33.9 50.9



#2
 1,4-Dioxane
 Concen: 0.059 ng
 RT: 3.450 min Scan# 61
 Delta R.T. 0.014 min
 Lab File: BG059990.D
 Acq: 7 Dec 2023 17:22

Tgt Ion: 88 Resp: 188
 Ion Ratio Lower Upper
 88 100
 58 1034.6 37.6 56.4#
 43 961.7 20.1 30.1#

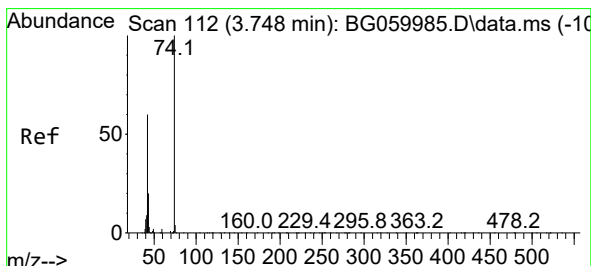
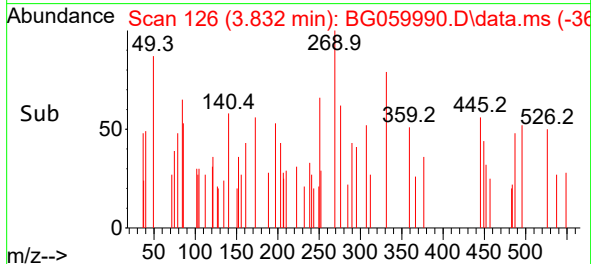
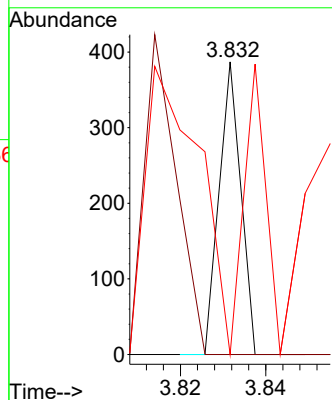
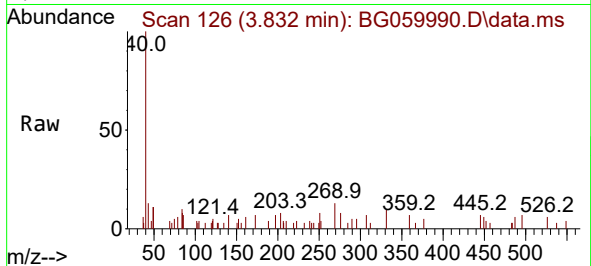




#3
Pyridine
Concen: 0.015 ng
RT: 3.832 min Scan# 110
Delta R.T. 0.001 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

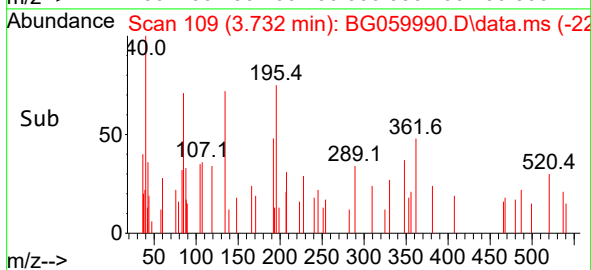
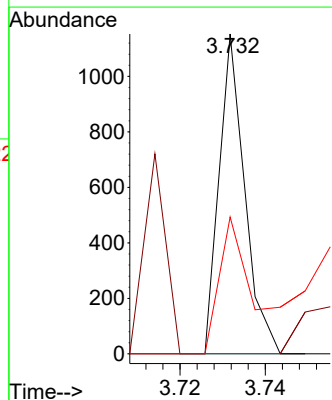
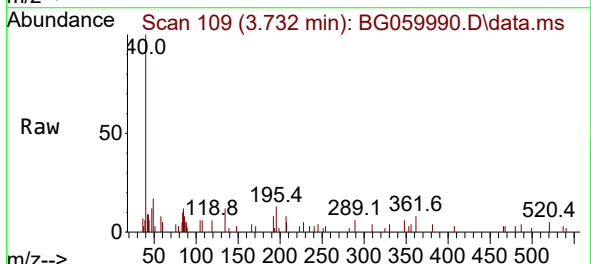
Instrument :
BNA_G
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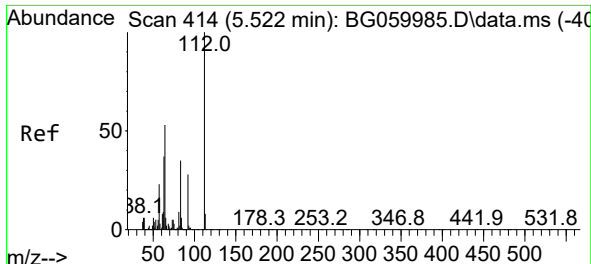
Tgt Ion: 79 Resp: 136
Ion Ratio Lower Upper
79 100
52 0.0 31.3 46.9#
51 0.0 23.8 35.6#



#4
n-Nitrosodimethylamine
Concen: 0.125 ng
RT: 3.732 min Scan# 109
Delta R.T. -0.016 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion: 42 Resp: 479
Ion Ratio Lower Upper
42 100
74 0.0 133.4 200.2#
44 42.8 3.7 5.5#

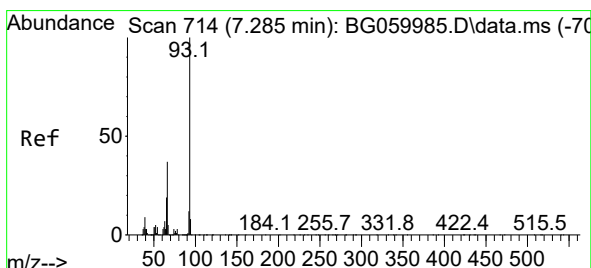
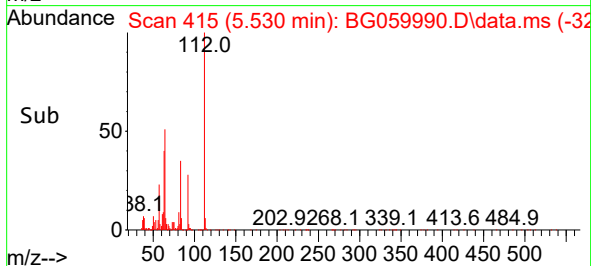
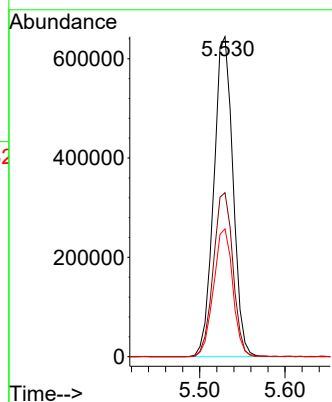
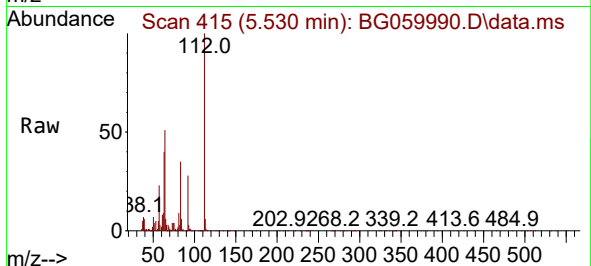




#5
2-Fluorophenol
Concen: 143.034 ng
RT: 5.530 min Scan# 41
Delta R.T. 0.007 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

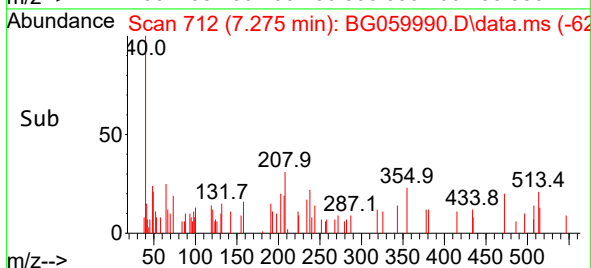
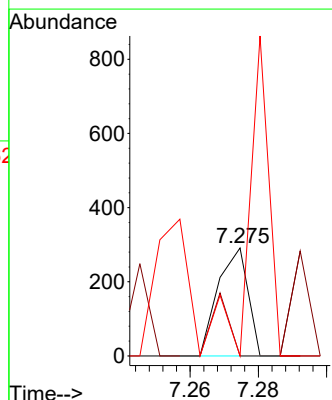
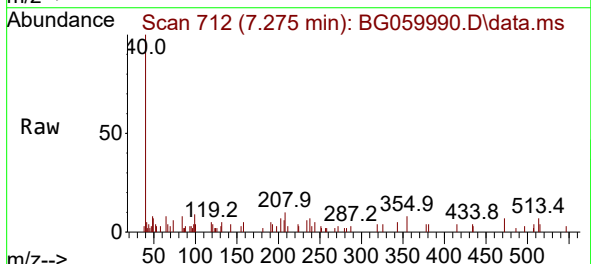
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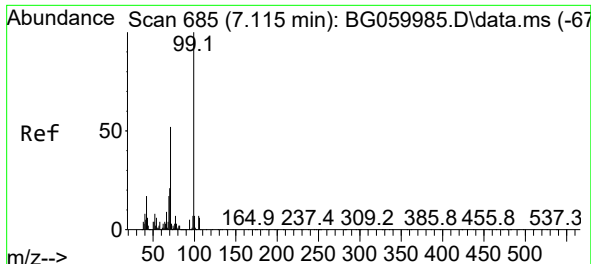
Tgt Ion:112 Resp: 1007033
Ion Ratio Lower Upper
112 100
64 51.2 42.4 63.6
63 40.0 29.6 44.4



#6
Aniline
Concen: 0.017 ng
RT: 7.275 min Scan# 712
Delta R.T. -0.010 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion: 93 Resp: 177
Ion Ratio Lower Upper
93 100
66 116.2 30.2 45.2#
65 0.0 15.0 22.6#

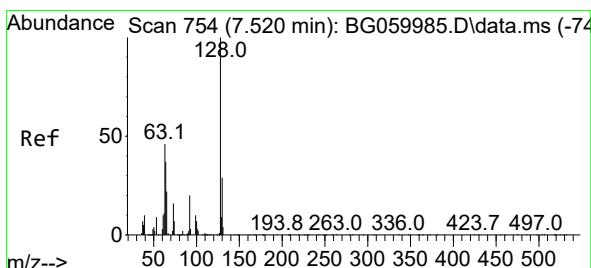
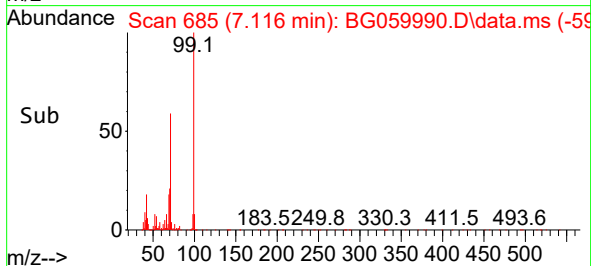
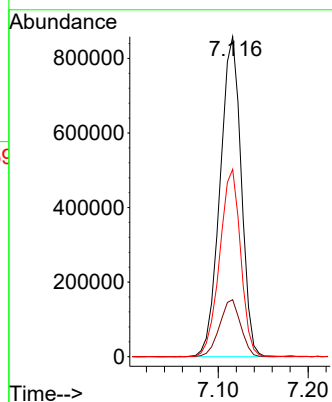
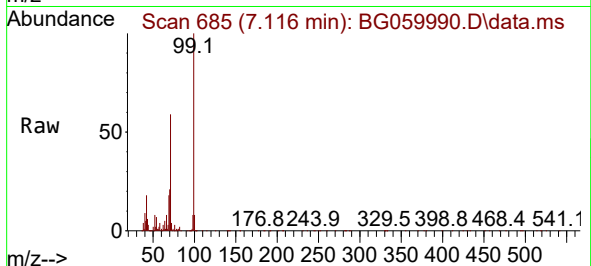




#7
Phenol-d6
Concen: 141.498 ng
RT: 7.116 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

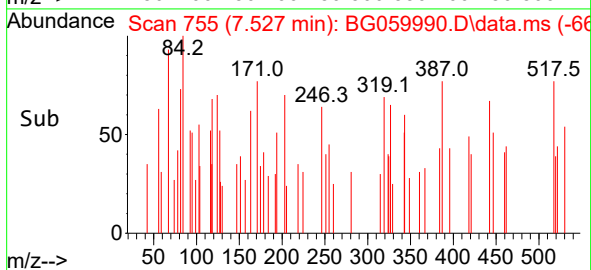
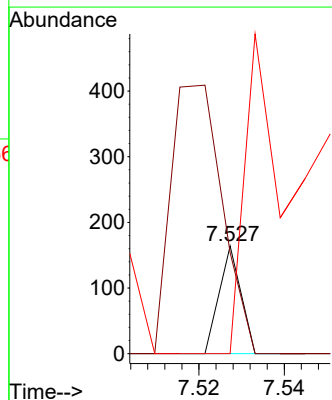
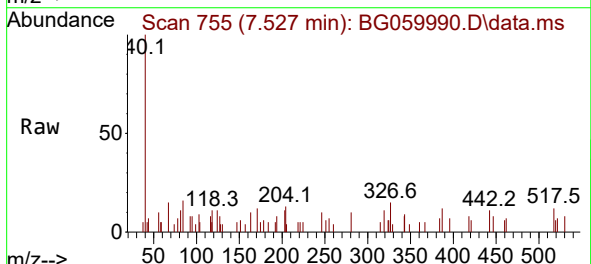
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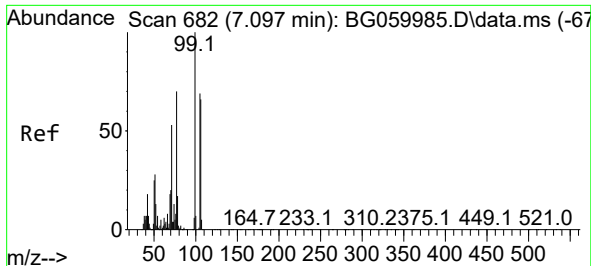
Tgt Ion: 99 Resp: 1400643
Ion Ratio Lower Upper
99 100
42 17.8 13.4 20.0
71 58.6 41.9 62.9



#8
2-Chlorophenol
Concen: 0.009 ng
RT: 7.527 min Scan# 755
Delta R.T. 0.007 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion:128 Resp: 58
Ion Ratio Lower Upper
128 100
130 93.9 8.8 48.8#
64 0.0 26.1 66.1#

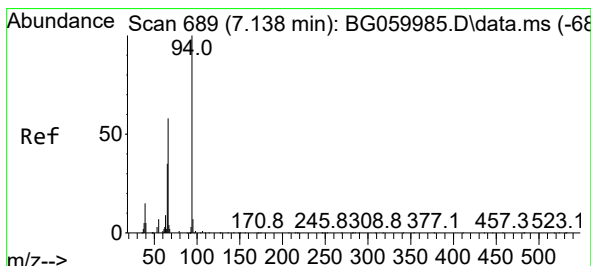
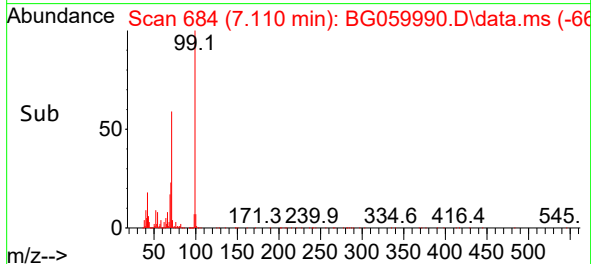
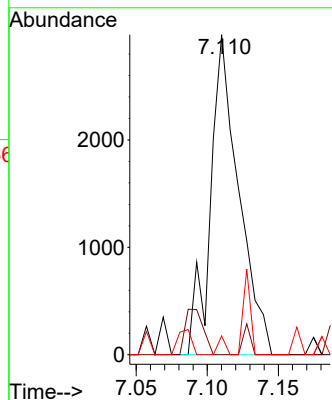
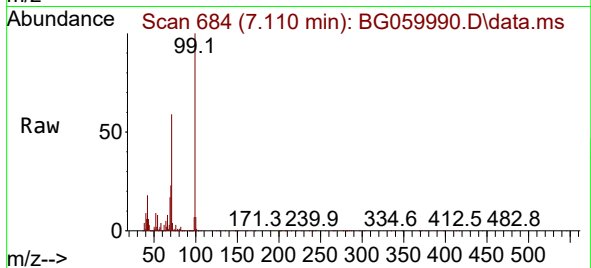




#9
Benzaldehyde
Concen: 0.684 ng
RT: 7.110 min Scan# 610
Delta R.T. 0.013 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

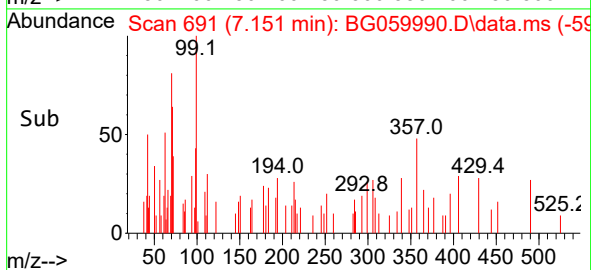
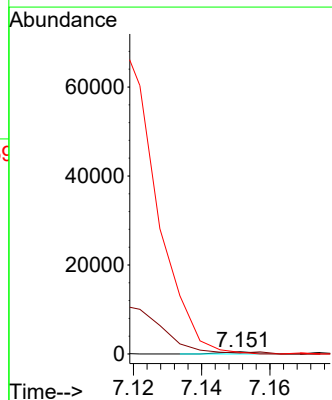
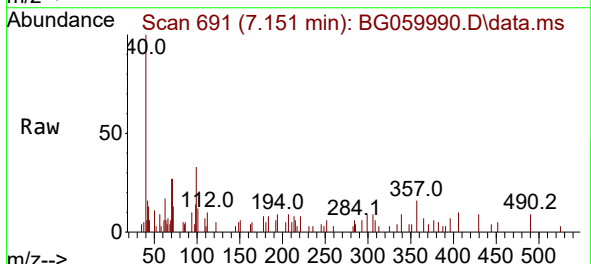
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ClientSampleId :
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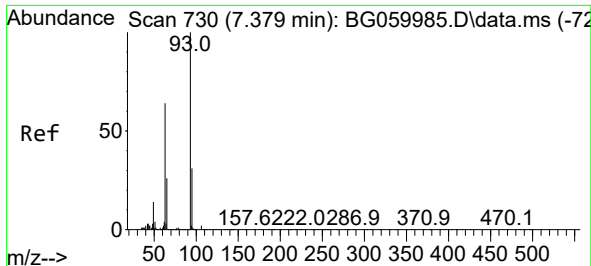
Tgt Ion: 77 Resp: 4130
Ion Ratio Lower Upper
77 100
105 0.0 78.2 118.2#
106 5.8 74.3 114.3#



#10
Phenol
Concen: 0.034 ng
RT: 7.151 min Scan# 691
Delta R.T. 0.013 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion: 94 Resp: 330
Ion Ratio Lower Upper
94 100
65 44.4 15.2 55.2
66 75.0 41.3 81.3

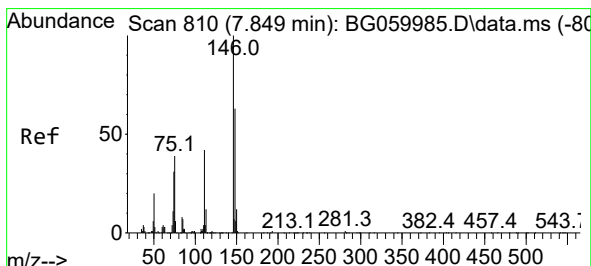
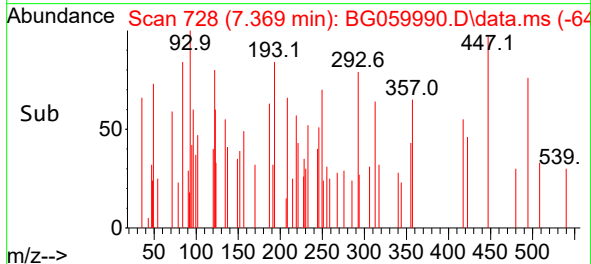
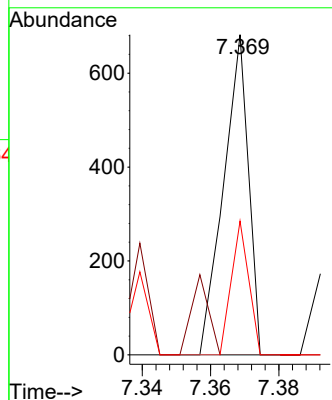
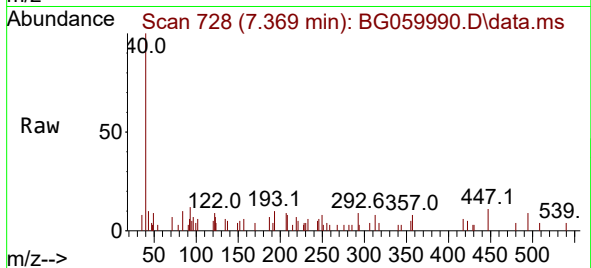




#11
bis(2-Chloroethyl)ether
Concen: 0.053 ng
RT: 7.369 min Scan# 71
Delta R.T. -0.010 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

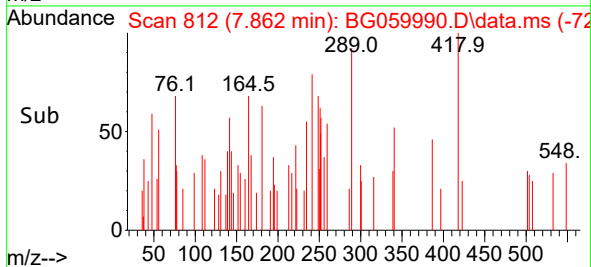
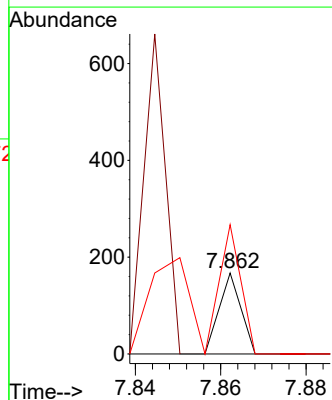
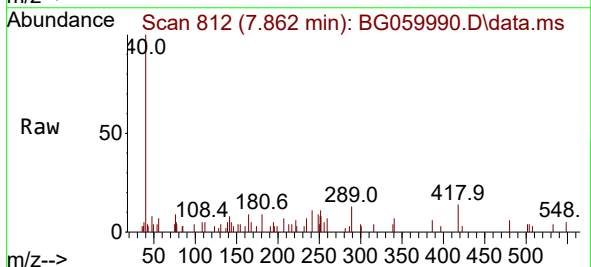
Instrument :
BNA_G
ClientSampleId :
PB157585BL

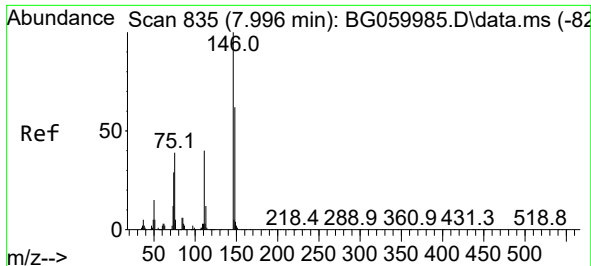
Tgt Ion: 93 Resp: 344
Ion Ratio Lower Upper
93 100
63 0.0 43.8 83.8#
95 41.8 10.4 50.4



#12
1,3-Dichlorobenzene
Concen: 0.006 ng
RT: 7.862 min Scan# 812
Delta R.T. 0.013 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion: 146 Resp: 59
Ion Ratio Lower Upper
146 100
148 0.0 50.2 75.4#
75 159.9 31.4 47.2#

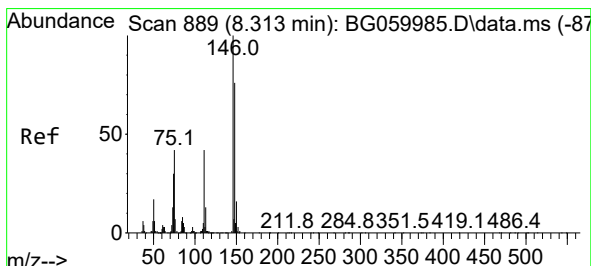
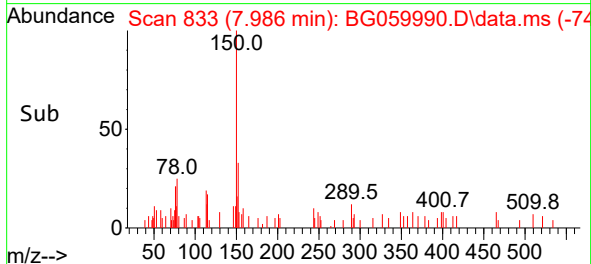
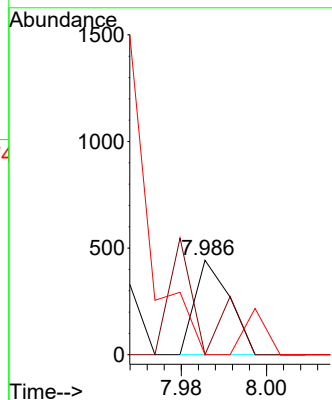
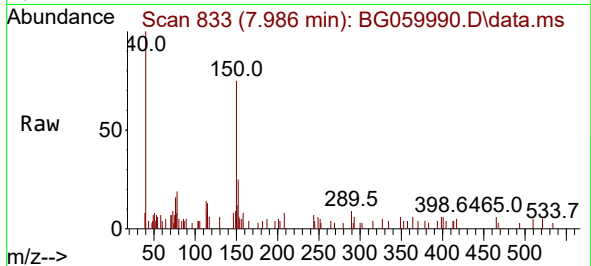




#13
1,4-Dichlorobenzene
Concen: 0.027 ng
RT: 7.986 min Scan# 811
Delta R.T. -0.010 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

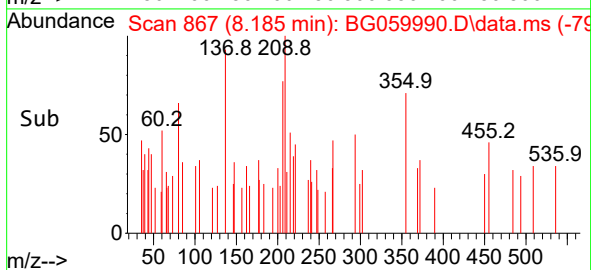
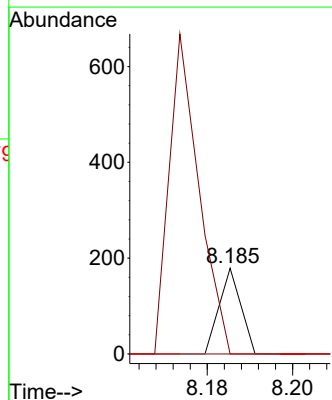
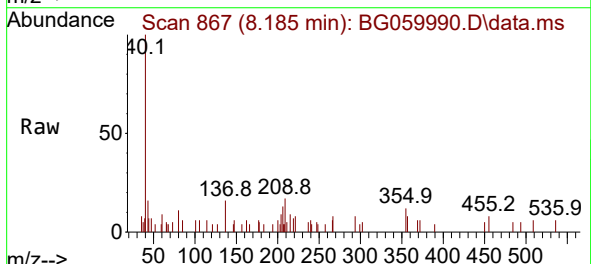
Instrument :
BNA_G
ClientSampleId :
PB157585BL

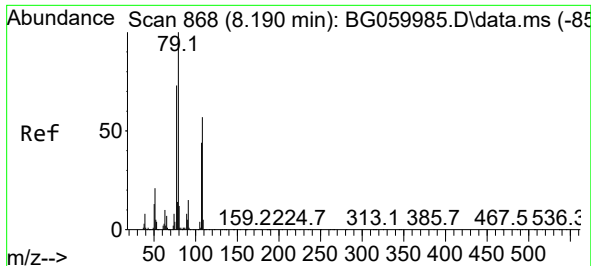
Tgt Ion:146 Resp: 252
Ion Ratio Lower Upper
146 100
148 0.0 49.7 74.5#
111 0.0 31.7 47.5#



#14
1,2-Dichlorobenzene
Concen: 0.007 ng
RT: 8.185 min Scan# 867
Delta R.T. -0.128 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion:146 Resp: 63
Ion Ratio Lower Upper
146 100
148 0.0 60.6 90.8#
111 0.0 33.5 50.3#

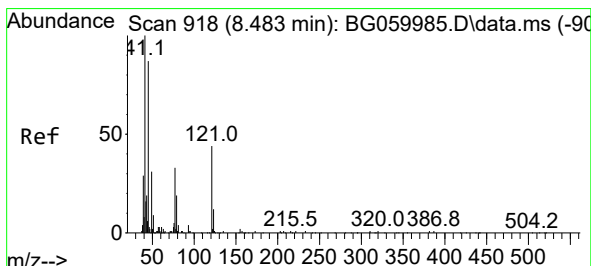
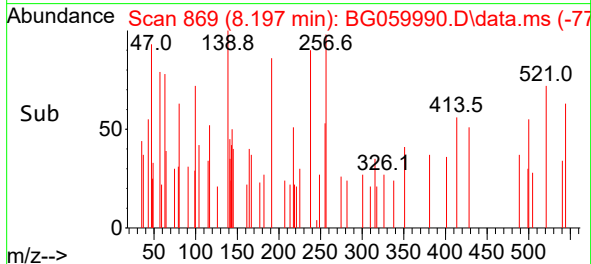
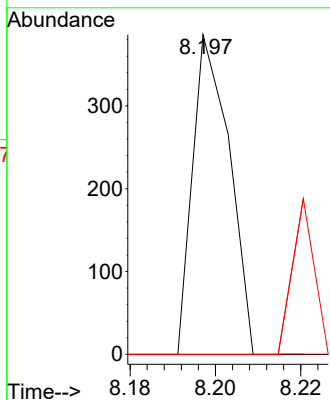
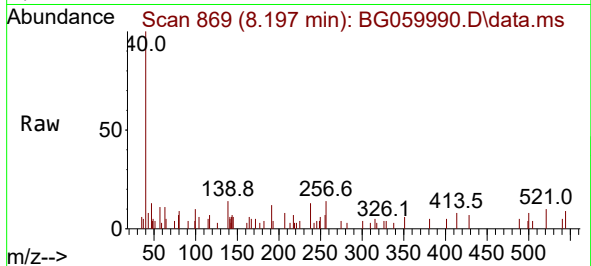




#15
Benzyl Alcohol
Concen: 0.026 ng
RT: 8.197 min Scan# 80
Delta R.T. 0.007 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

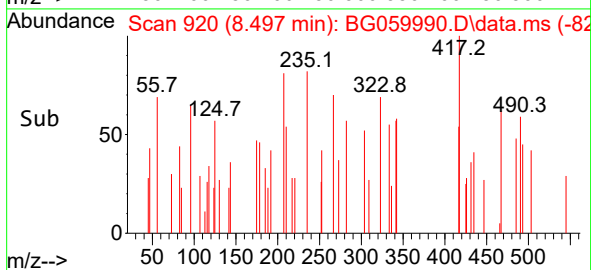
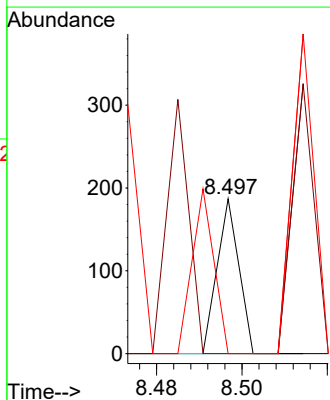
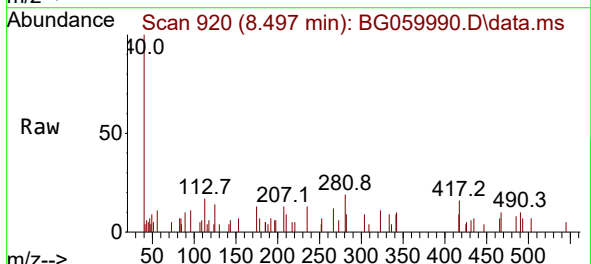
Instrument :
BNA_G
ClientSampleId :
PB157585BL

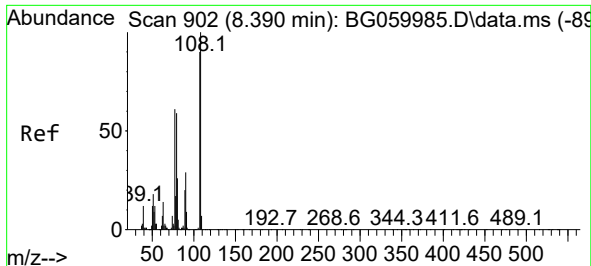
Tgt Ion: 79 Resp: 230
Ion Ratio Lower Upper
79 100
108 0.0 45.9 68.9#
77 0.0 58.3 87.5#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.019 ng
RT: 8.497 min Scan# 920
Delta R.T. 0.013 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion: 45 Resp: 66
Ion Ratio Lower Upper
45 100
77 0.0 19.8 59.8#
79 0.0 3.8 43.8#





#17

2-Methylphenol

Concen: 0.010 ng

RT: 8.362 min Scan# 89

Delta R.T. -0.028 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

Instrument :

BNA_G

ClientSampleId :

PB157585BL

Tgt Ion:107 Resp: 68

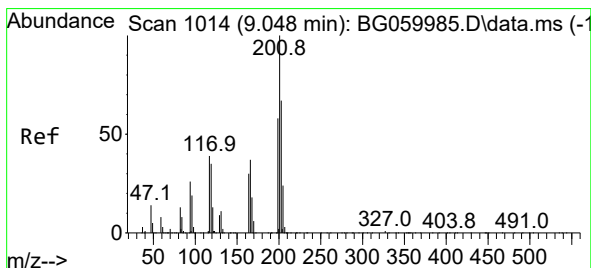
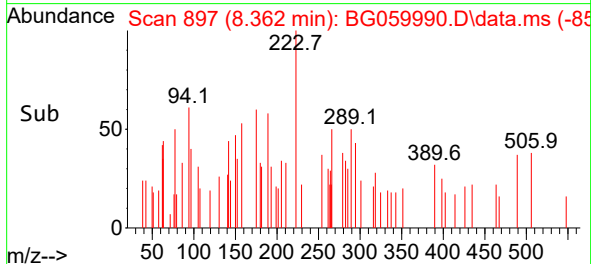
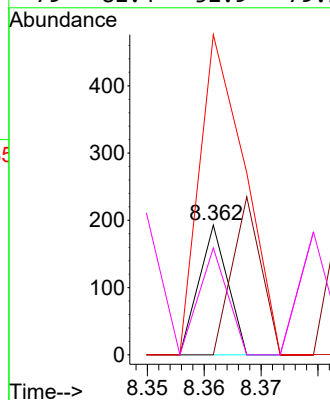
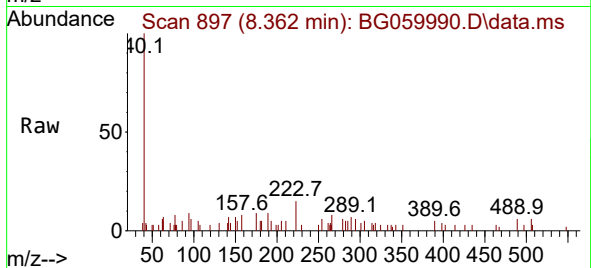
Ion Ratio Lower Upper

107 100

108 0.0 88.9 133.3#

77 246.6 54.6 82.0#

79 82.4 52.9 79.3#



#18

Hexachloroethane

Concen: 0.125 ng

RT: 9.084 min Scan# 1020

Delta R.T. 0.037 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

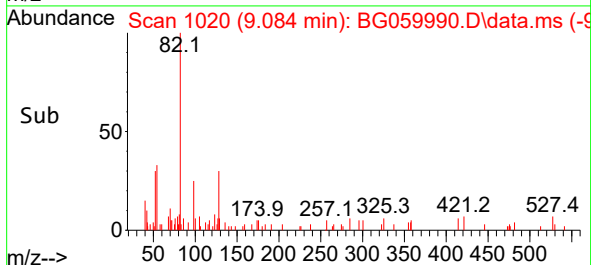
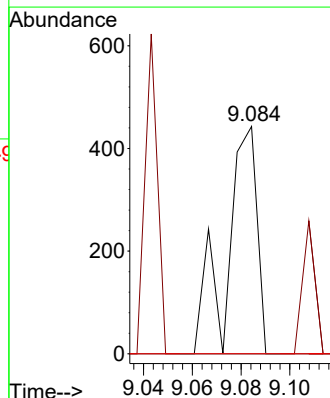
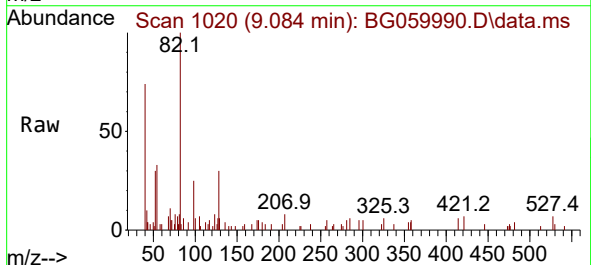
Tgt Ion:117 Resp: 380

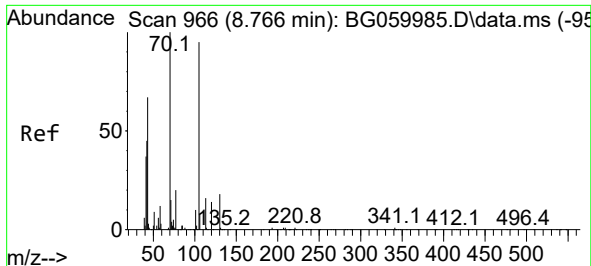
Ion Ratio Lower Upper

117 100

119 0.0 72.1 108.1#

201 0.0 206.2 309.4#

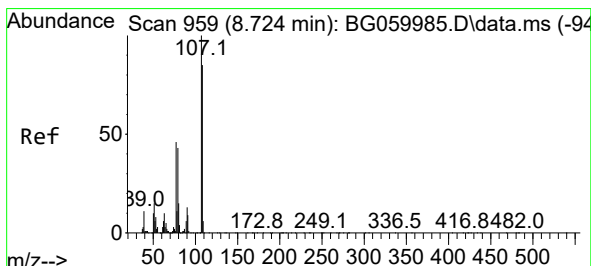
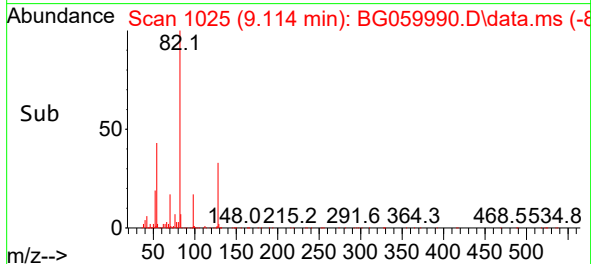
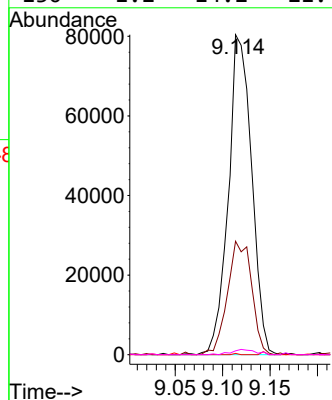
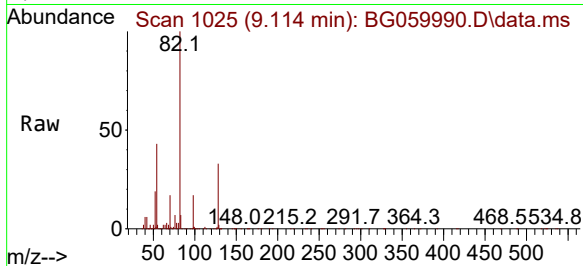




#19
n-Nitroso-di-n-propylamine
Concen: 20.616 ng
RT: 9.114 min Scan# 10
Delta R.T. 0.348 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

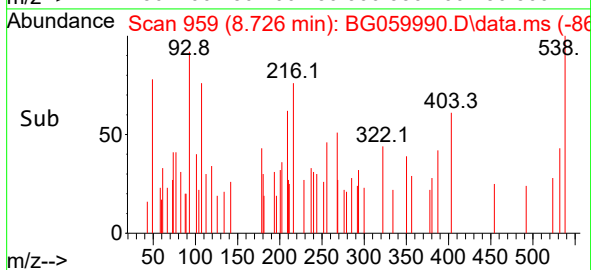
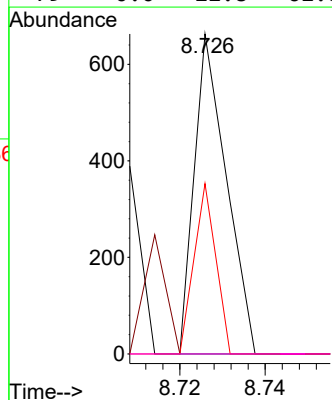
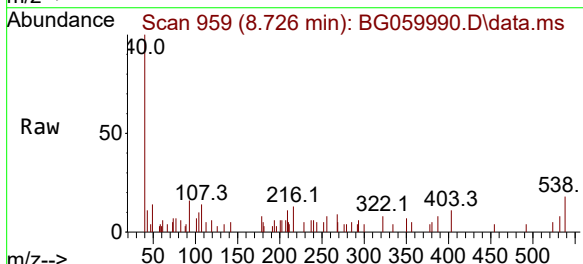
Instrument :
BNA_G
ClientSampleId :
PB157585BL

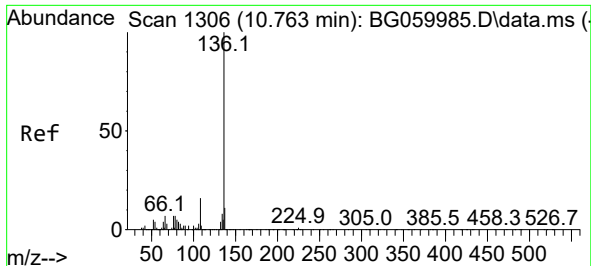
Tgt Ion: 70 Resp: 137506
Ion Ratio Lower Upper
70 100
42 35.4 36.9 55.3#
101 0.4 8.0 12.0#
130 1.2 14.2 21.4#



#20
3+4-Methylphenols
Concen: 0.037 ng
RT: 8.726 min Scan# 959
Delta R.T. 0.001 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion: 107 Resp: 345
Ion Ratio Lower Upper
107 100
108 0.0 64.7 104.7#
77 53.2 26.7 66.7
79 0.0 22.8 62.8#



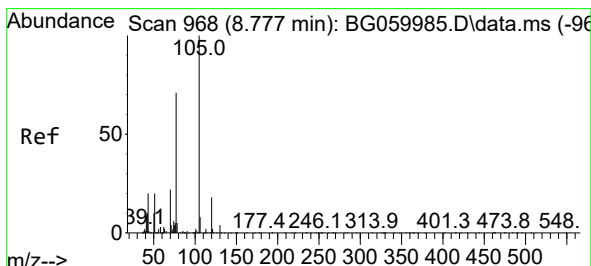
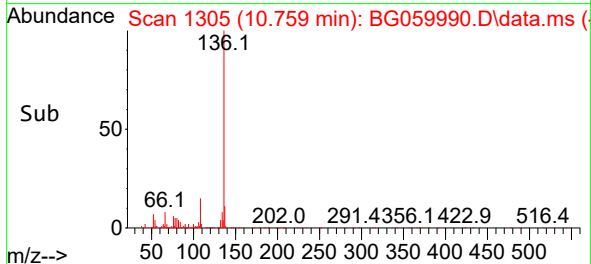
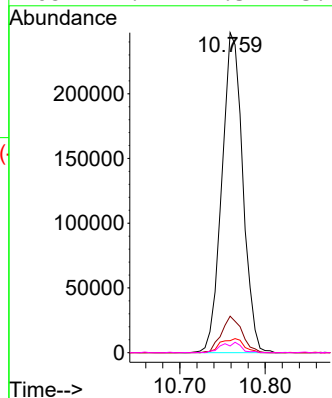
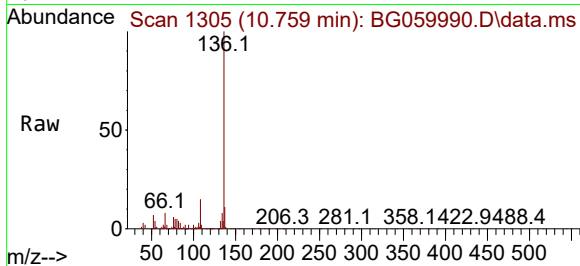


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.759 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Instrument :
BNA_G
ClientSampleId :
PB157585BL

Tgt Ion:136 Resp: 421197

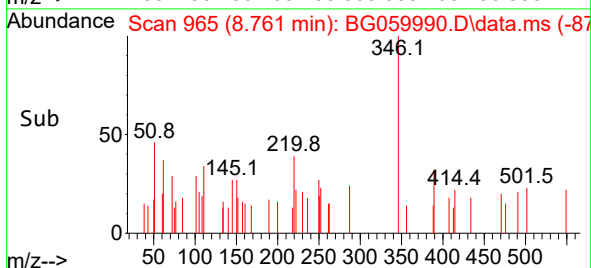
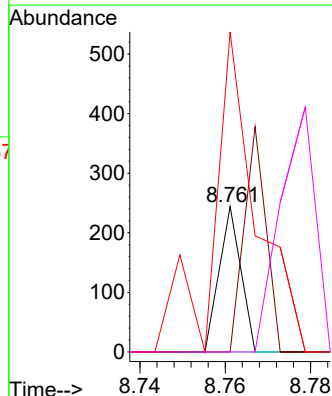
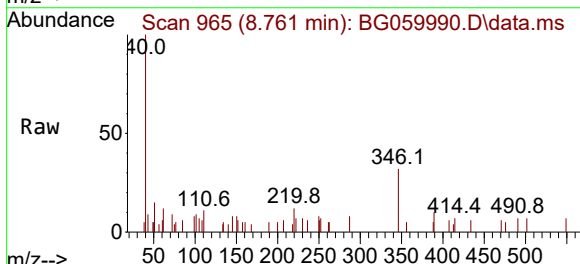
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	3.8	3.2	4.8
68	2.1	2.5	3.7

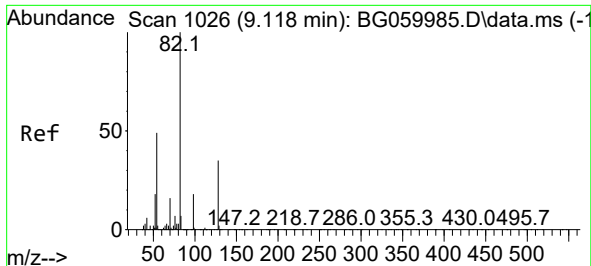


#22
Acetophenone
Concen: 0.007 ng
RT: 8.761 min Scan# 965
Delta R.T. -0.016 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion:105 Resp: 86

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.8	5.8
51	220.1	19.8	29.8
120	0.0	14.6	22.0





#23

Nitrobenzene-d5

Concen: 92.632 ng

RT: 9.120 min Scan# 1026

Delta R.T. 0.001 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

Instrument :

BNA_G

ClientSampleId :

PB157585BL

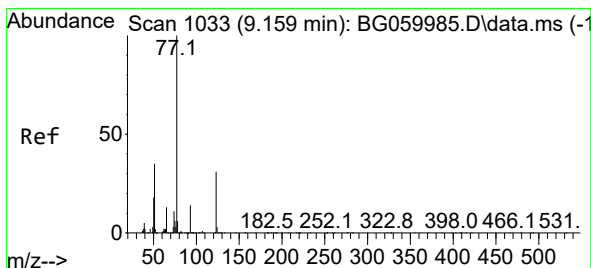
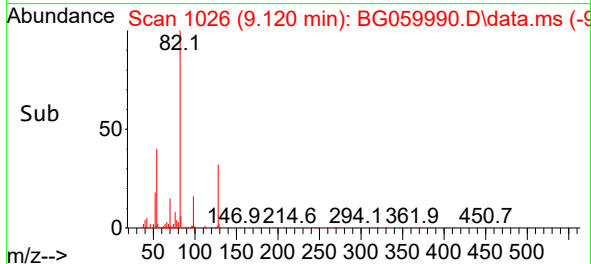
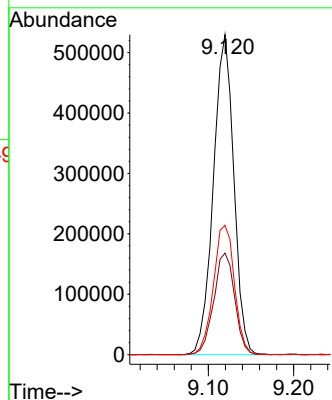
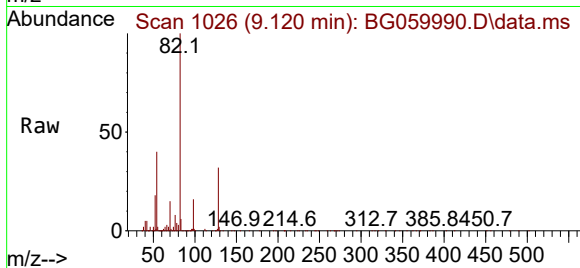
Tgt Ion: 82 Resp: 883510

Ion Ratio Lower Upper

82 100

128 31.8 28.2 42.4

54 40.4 39.0 58.6



#24

Nitrobenzene

Concen: 0.044 ng

RT: 9.184 min Scan# 1037

Delta R.T. 0.025 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

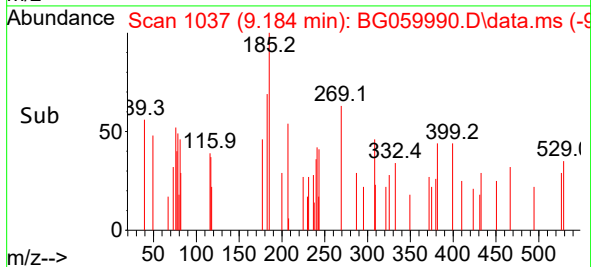
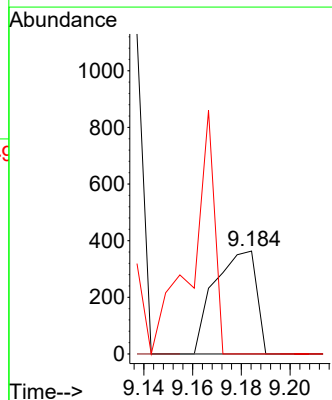
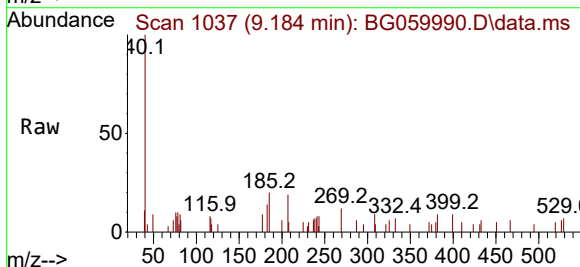
Tgt Ion: 77 Resp: 434

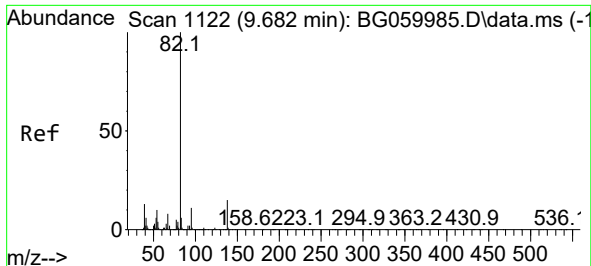
Ion Ratio Lower Upper

77 100

123 0.0 25.0 37.4#

65 0.0 10.6 15.8#





#25

Isophorone

Concen: 0.020 ng

RT: 9.613 min Scan# 1110

Delta R.T. -0.069 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

Instrument :

BNA_G

ClientSampleId :

PB157585BL

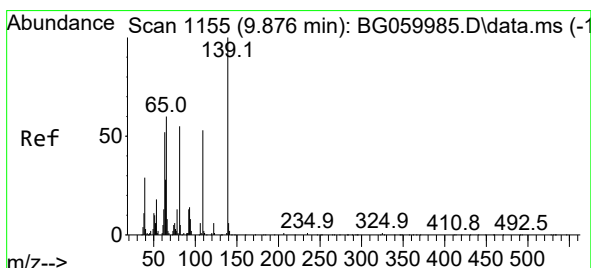
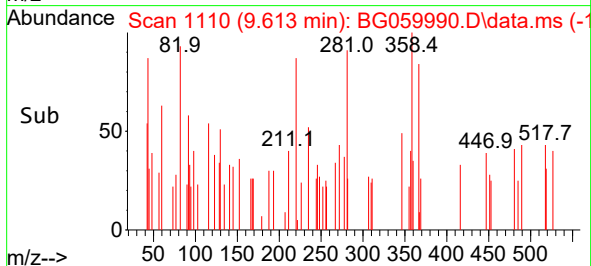
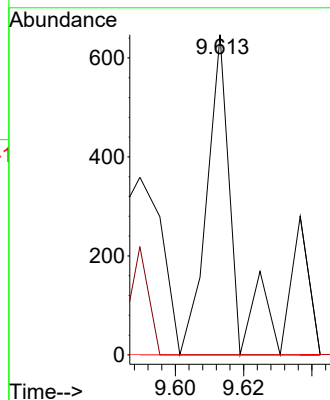
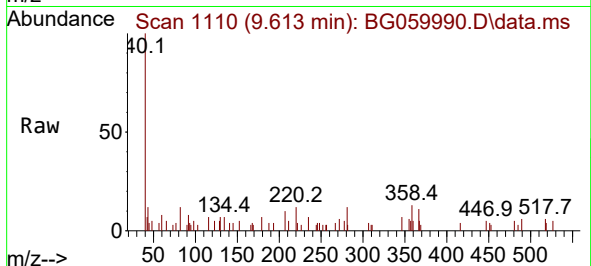
Tgt Ion: 82 Resp: 343

Ion Ratio Lower Upper

82 100

95 0.0 8.7 13.1#

138 0.0 12.2 18.2#



#26

2-Nitrophenol

Concen: 0.031 ng

RT: 9.848 min Scan# 1150

Delta R.T. -0.028 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

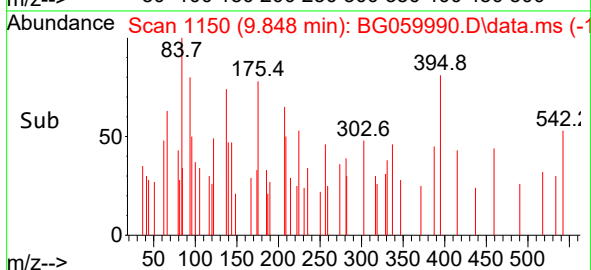
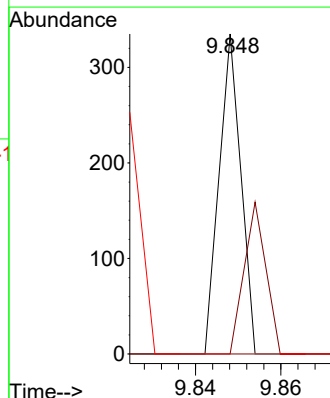
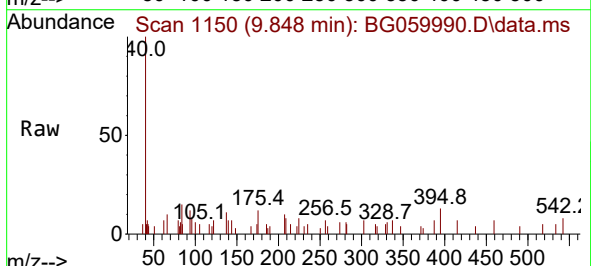
Tgt Ion: 139 Resp: 118

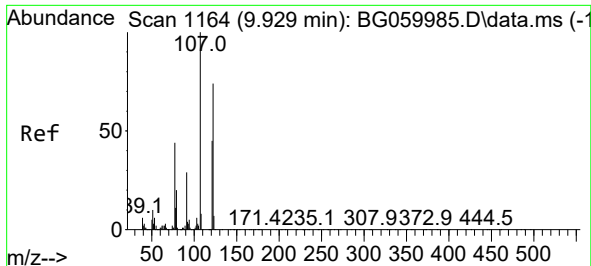
Ion Ratio Lower Upper

139 100

109 0.0 42.1 63.1#

65 0.0 48.2 72.2#

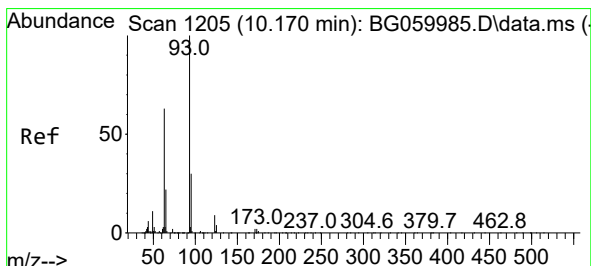
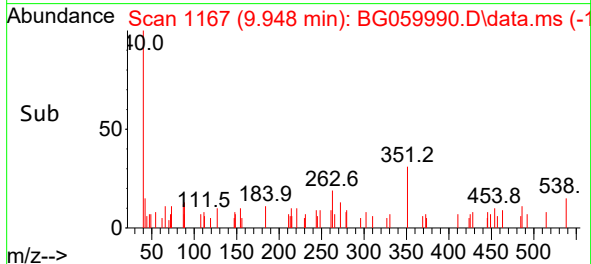
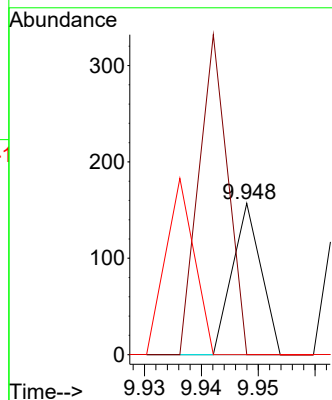
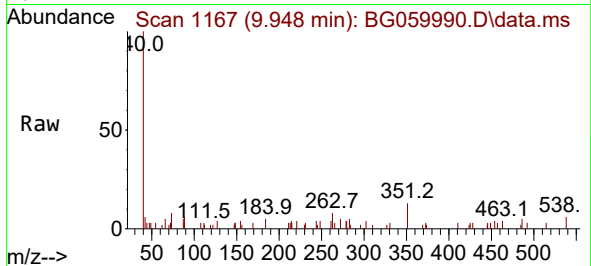




#27
2,4-Dimethylphenol
Concen: 0.011 ng
RT: 9.948 min Scan# 1164
Delta R.T. 0.019 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

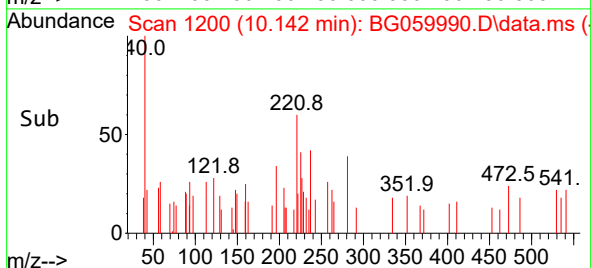
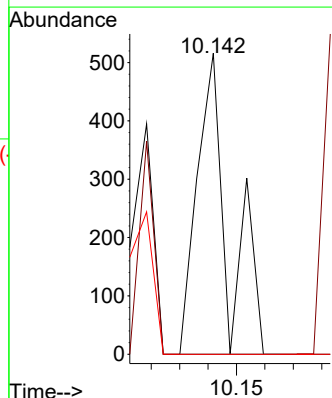
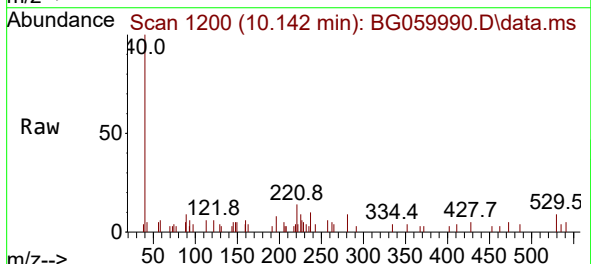
Instrument :
BNA_G
ClientSampleId :
PB157585BL

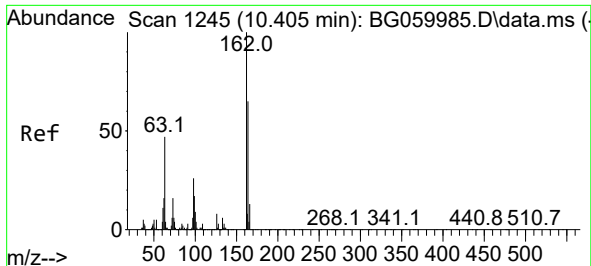
Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
107 159.2 107.9 161.9
121 0.0 48.2 72.4#



#28
bis(2-Chloroethoxy)methane
Concen: 0.049 ng
RT: 10.142 min Scan# 1200
Delta R.T. -0.028 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion: 93 Resp: 395
Ion Ratio Lower Upper
93 100
95 0.0 24.3 36.5#
123 0.0 7.3 10.9#





#29

2,4-Dichlorophenol

Concen: 0.024 ng

RT: 10.406 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

Instrument :

BNA_G

ClientSampleId :

PB157585BL

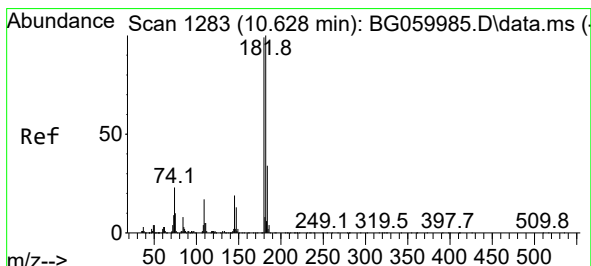
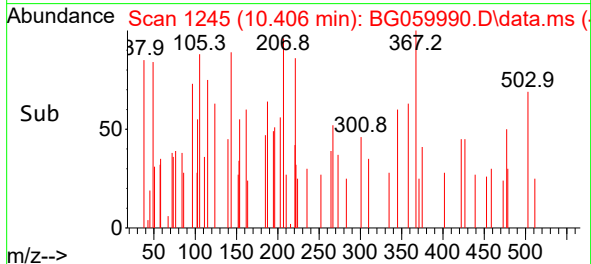
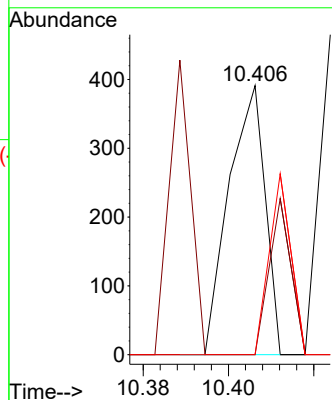
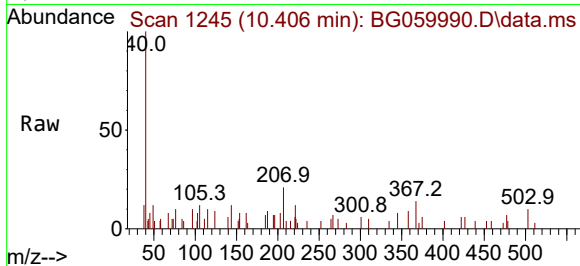
Tgt Ion:162 Resp: 230

Ion Ratio Lower Upper

162 100

164 0.0 44.9 84.9#

98 0.0 6.3 46.3#



#30

1,2,4-Trichlorobenzene

Concen: 0.004 ng

RT: 10.583 min Scan# 1275

Delta R.T. -0.046 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

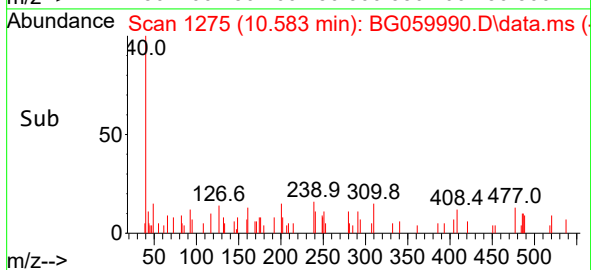
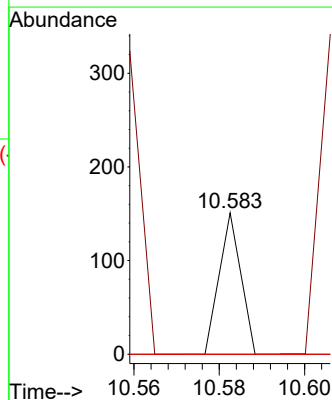
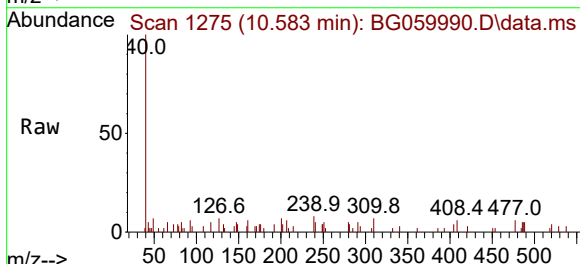
Tgt Ion:180 Resp: 53

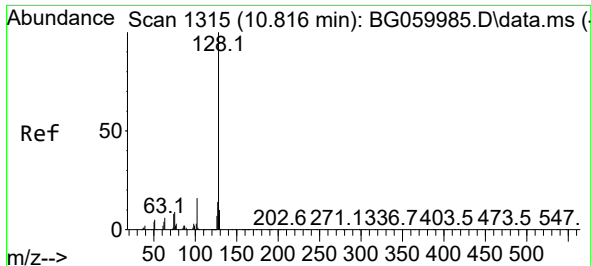
Ion Ratio Lower Upper

180 100

182 0.0 80.5 120.7#

145 0.0 15.4 23.2#

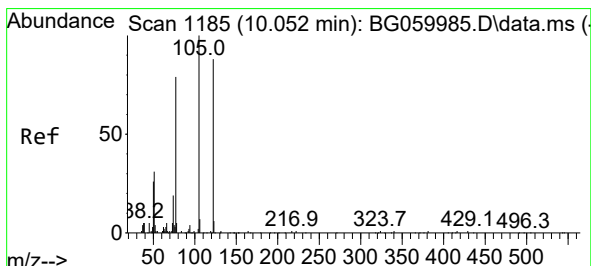
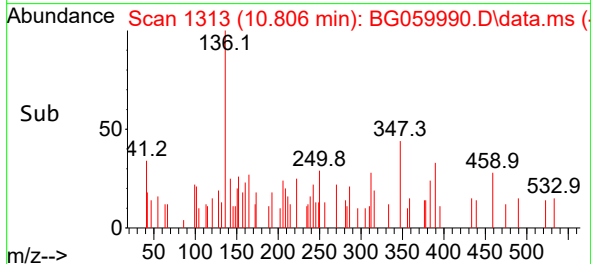
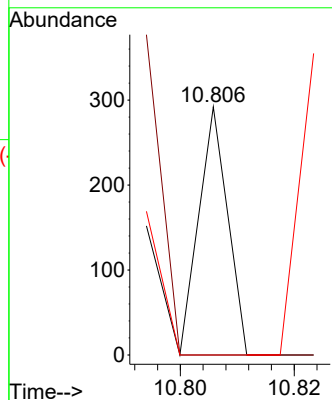
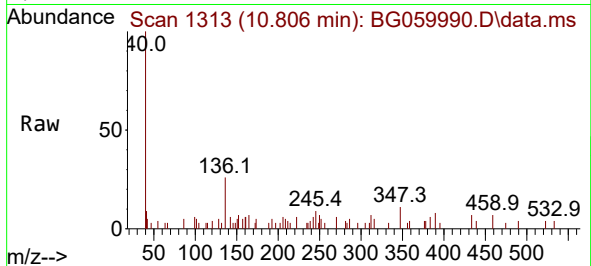




#31
Naphthalene
Concen: 0.005 ng
RT: 10.806 min Scan# 1190
Delta R.T. -0.010 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

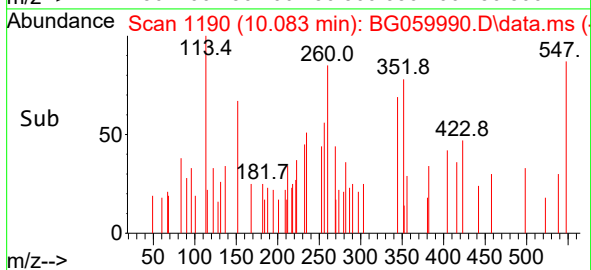
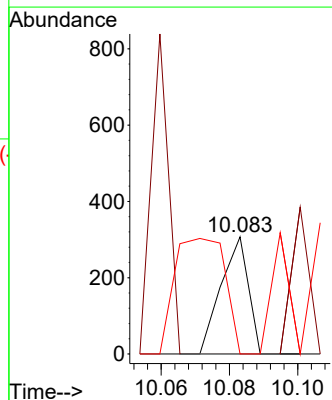
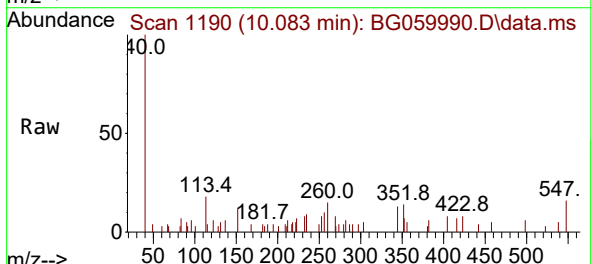
Instrument :
BNA_G
ClientSampleId :
PB157585BL

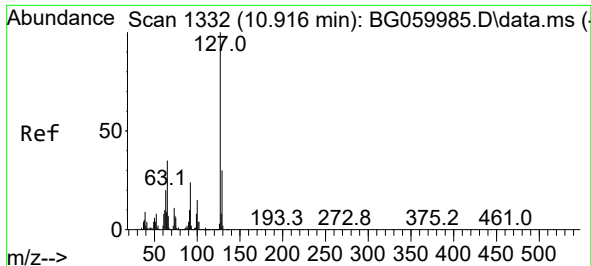
Tgt Ion:128 Resp: 103
Ion Ratio Lower Upper
128 100
129 0.0 8.3 12.5#
127 0.0 11.6 17.4#



#32
Benzoic acid
Concen: 0.033 ng
RT: 10.083 min Scan# 1190
Delta R.T. 0.031 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion:122 Resp: 170
Ion Ratio Lower Upper
122 100
105 0.0 96.3 136.3#
77 0.0 76.2 116.2#

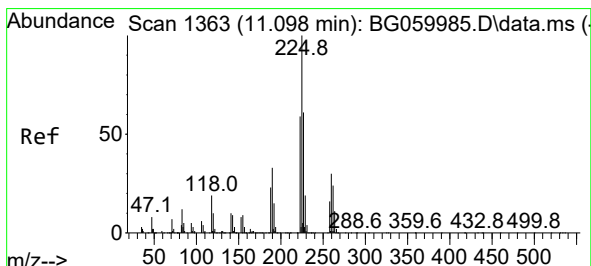
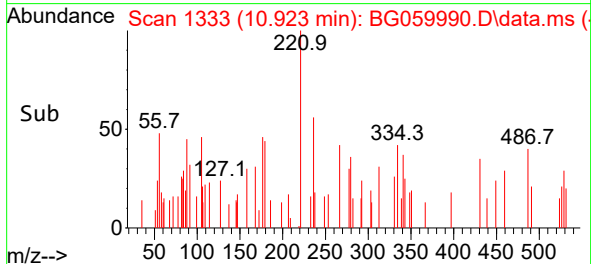
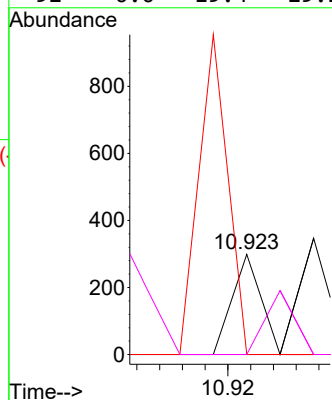
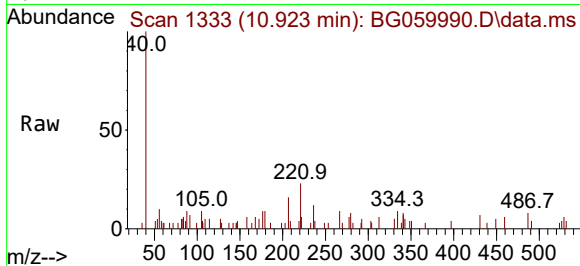




#33
4-Chloroaniline
Concen: 0.013 ng
RT: 10.923 min Scan# 1332
Delta R.T. 0.007 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

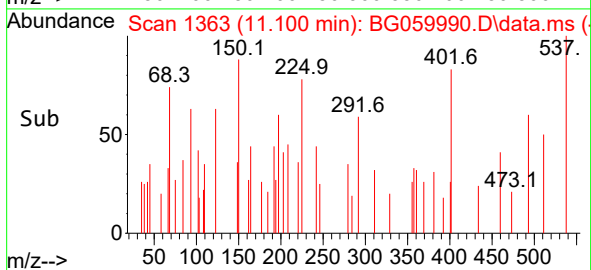
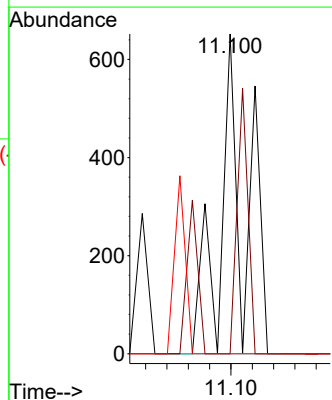
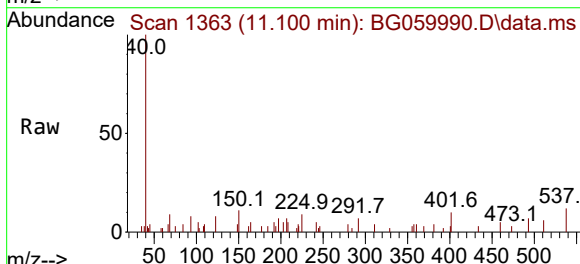
Instrument :
BNA_G
ClientSampleId :
PB157585BL

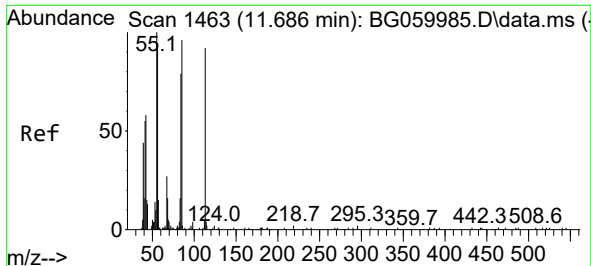
Tgt Ion:	127	Resp:	105
Ion	Ratio	Lower	Upper
127	100		
129	0.0	24.3	36.5#
65	0.0	28.2	42.4#
92	0.0	19.4	29.2#



#34
Hexachlorobutadiene
Concen: 0.036 ng
RT: 11.100 min Scan# 1363
Delta R.T. 0.001 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion:	225	Resp:	530
Ion	Ratio	Lower	Upper
225	100		
223	0.0	46.8	70.2#
227	0.0	48.6	73.0#

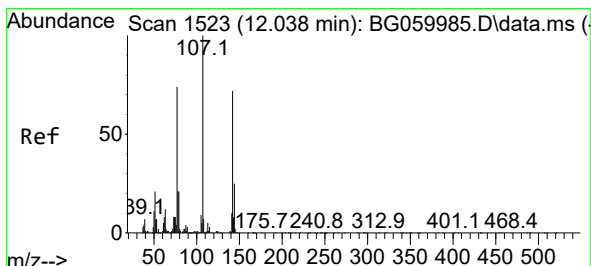
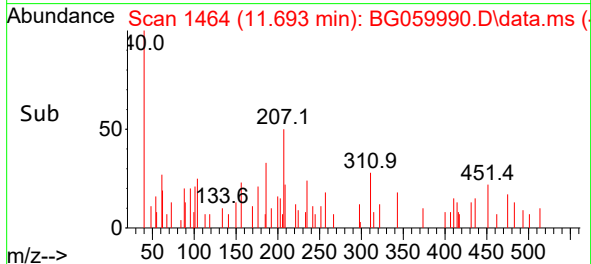
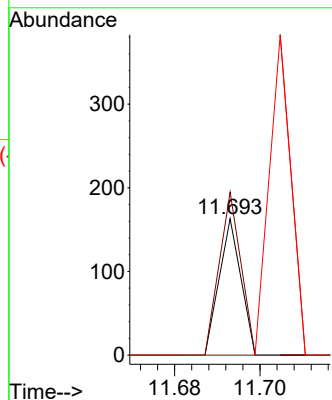
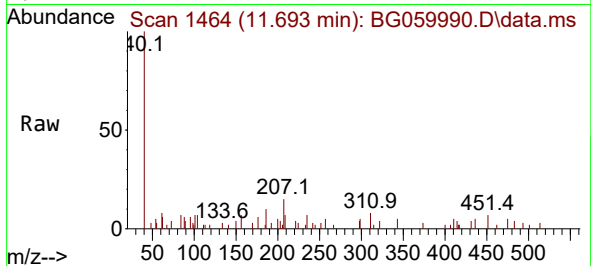




#35
Caprolactam
Concen: 0.026 ng
RT: 11.693 min Scan# 1464
Delta R.T. 0.007 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

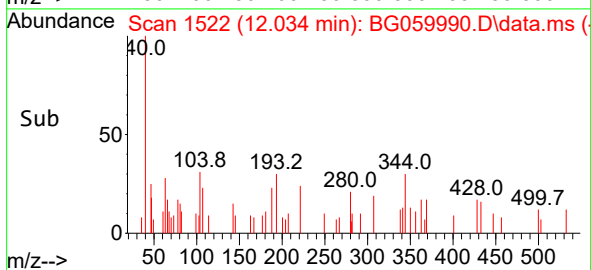
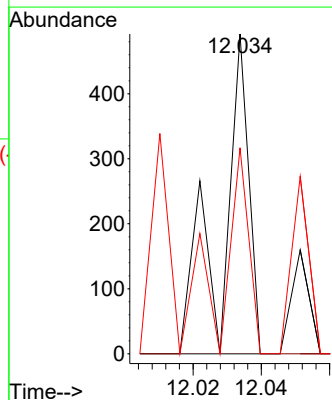
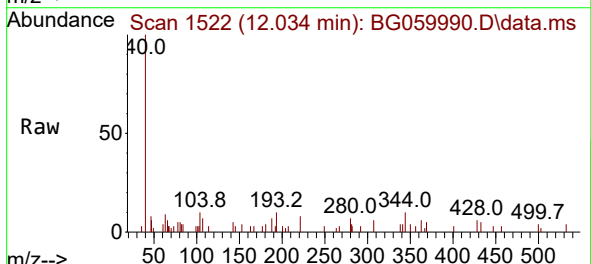
Instrument :
BNA_G
ClientSampleId :
PB157585BL

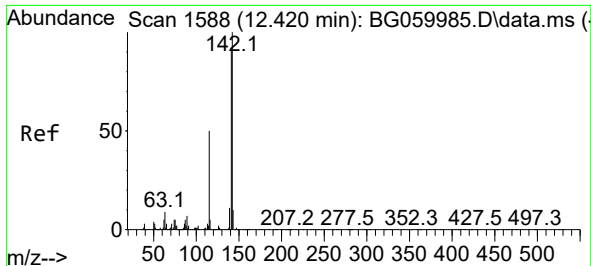
Tgt Ion:113 Resp: 57
Ion Ratio Lower Upper
113 100
55 119.6 88.3 128.3
56 0.0 80.0 120.0#



#36
4-Chloro-3-methylphenol
Concen: 0.031 ng
RT: 12.034 min Scan# 1522
Delta R.T. -0.004 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion:107 Resp: 267
Ion Ratio Lower Upper
107 100
144 0.0 20.1 30.1#
142 64.4 57.2 85.8





#37

2-Methylnaphthalene

Concen: 0.039 ng

RT: 12.398 min Scan# 11

Delta R.T. -0.022 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

Instrument :

BNA_G

ClientSampleId :

PB157585BL

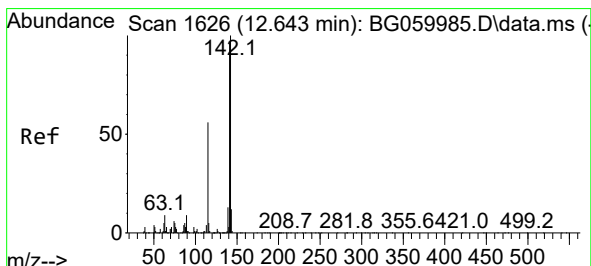
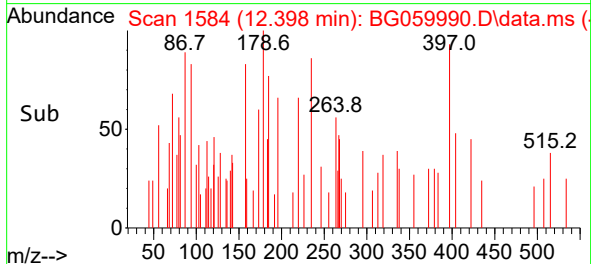
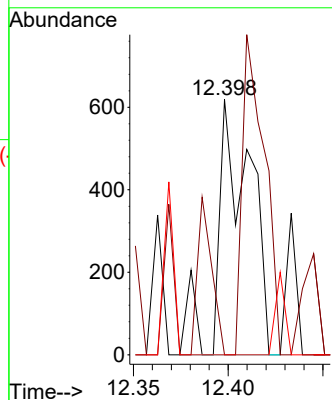
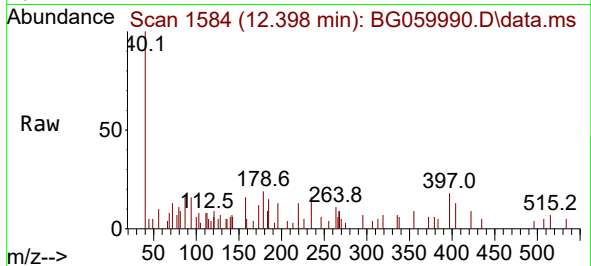
Tgt Ion:142 Resp: 732

Ion Ratio Lower Upper

142 100

141 0.0 72.5 108.7#

115 0.0 39.9 59.9#



#38

1-Methylnaphthalene

Concen: 0.027 ng

RT: 12.627 min Scan# 1623

Delta R.T. -0.016 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

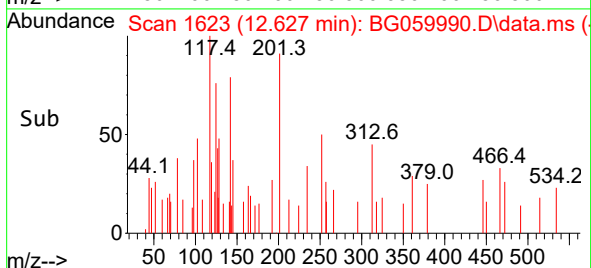
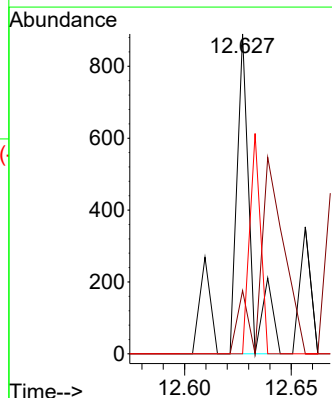
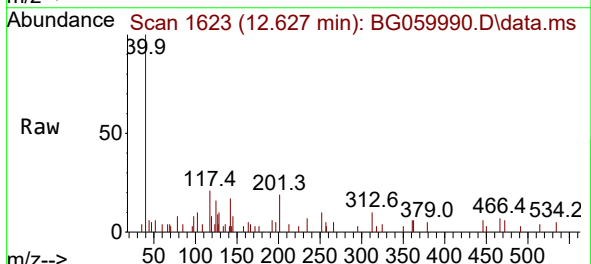
Tgt Ion:142 Resp: 483

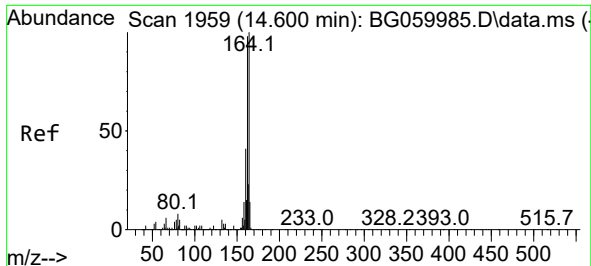
Ion Ratio Lower Upper

142 100

141 19.8 77.0 115.6#

116 0.0 4.1 6.1#

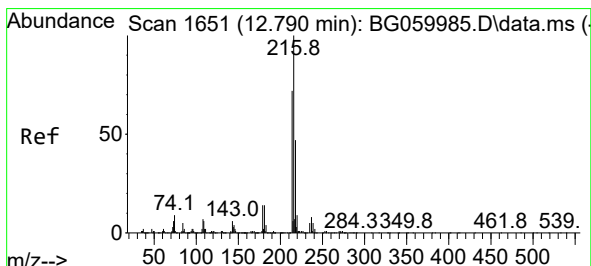
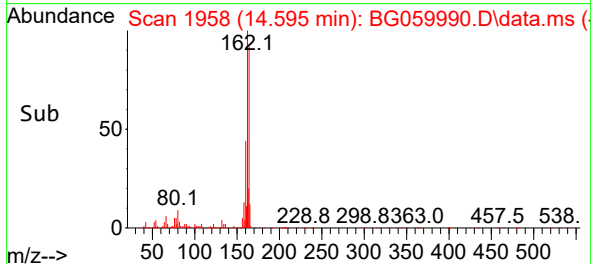
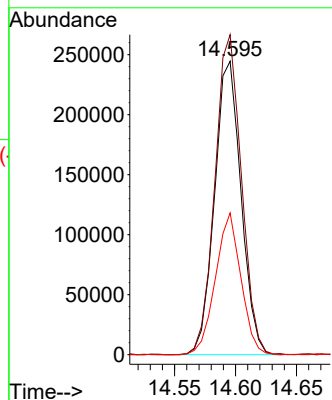
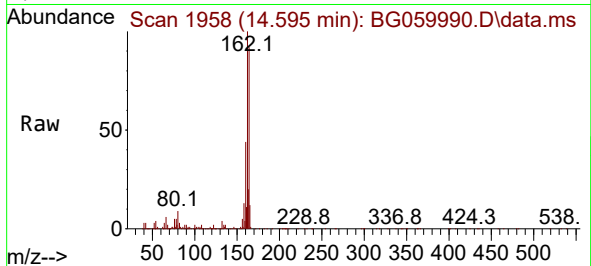




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.595 min Scan# 1959
Delta R.T. -0.004 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

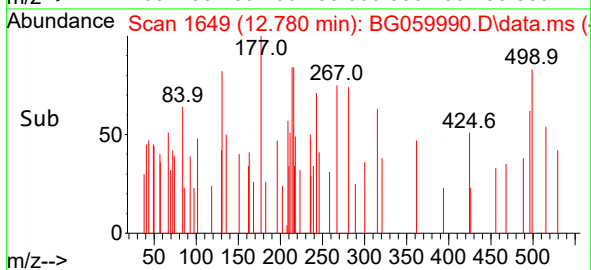
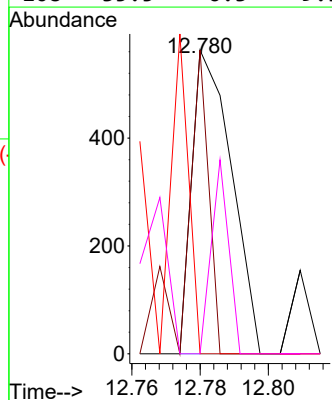
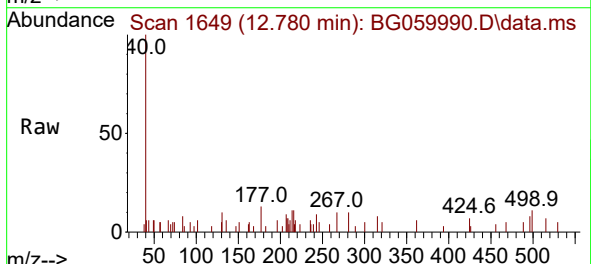
Instrument :
BNA_G
ClientSampleId :
PB157585BL

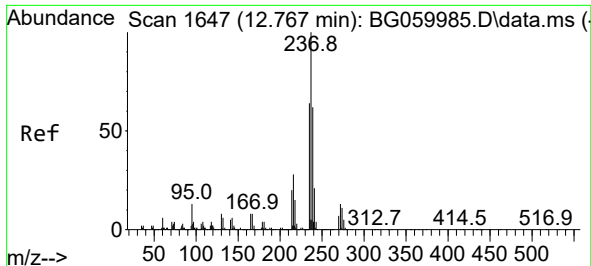
Tgt Ion:164 Resp: 369935
Ion Ratio Lower Upper
164 100
162 109.1 78.1 117.1
160 48.3 32.9 49.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 0.019 ng
RT: 12.780 min Scan# 1649
Delta R.T. -0.010 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion:216 Resp: 453
Ion Ratio Lower Upper
216 100
214 56.5 59.9 89.9#
179 76.8 11.2 16.8#
108 35.5 6.3 9.5#

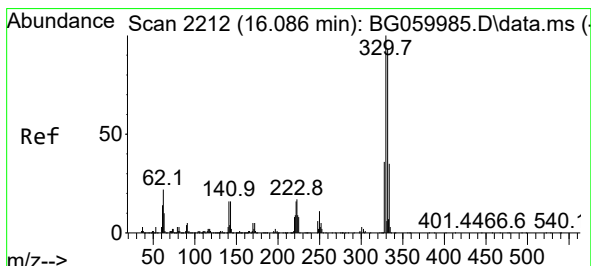
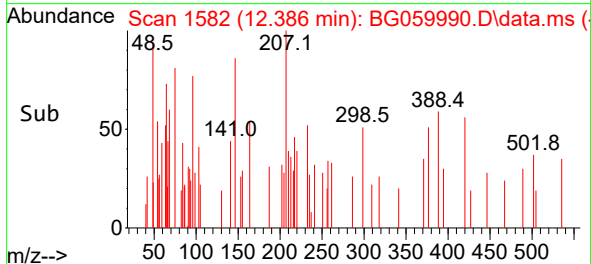
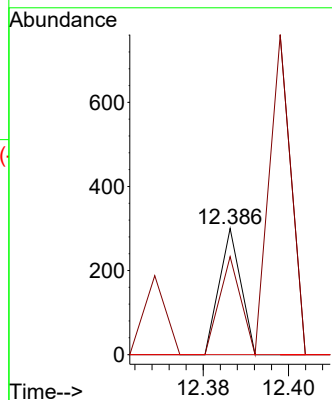
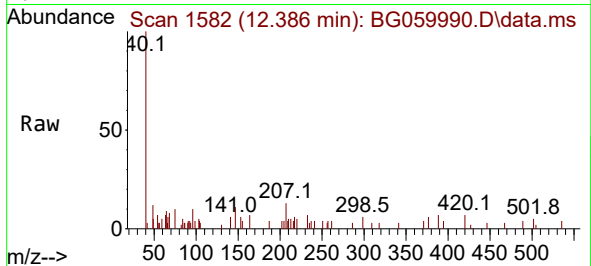




#41
Hexachlorocyclopentadiene
Concen: 0.010 ng
RT: 12.386 min Scan# 11
Delta R.T. -0.380 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

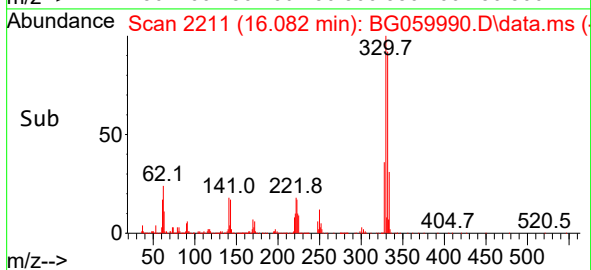
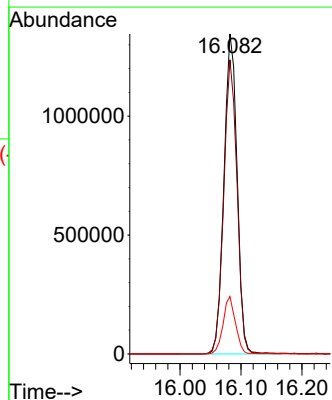
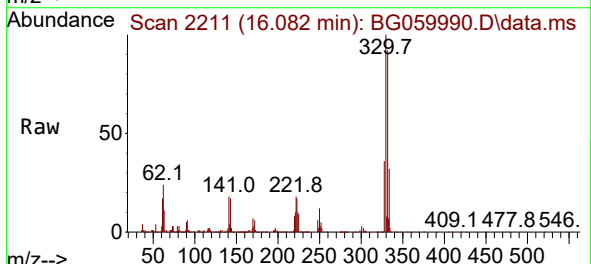
Instrument :
BNA_G
ClientSampleId :
PB157585BL

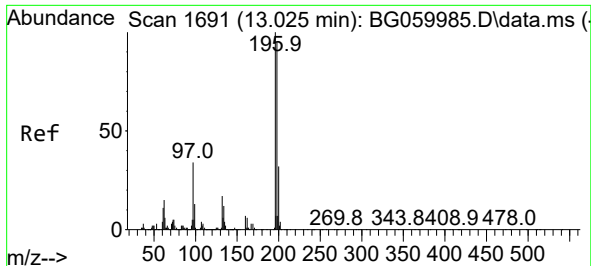
Tgt Ion:237 Resp: 106
Ion Ratio Lower Upper
237 100
235 77.7 44.3 84.3
272 0.0 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 187.439 ng
RT: 16.082 min Scan# 2211
Delta R.T. -0.004 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion:330 Resp: 2015456
Ion Ratio Lower Upper
330 100
332 92.3 75.0 112.6
141 17.1 13.2 19.8

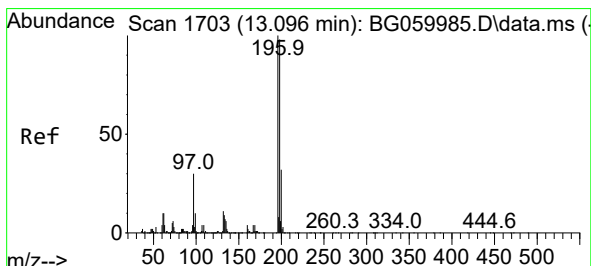
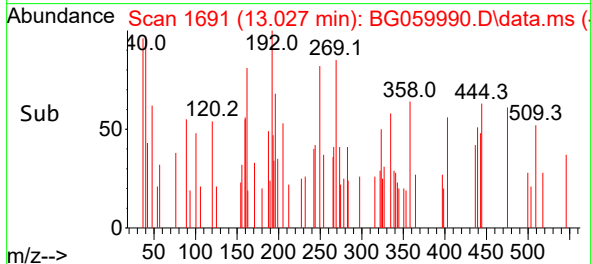
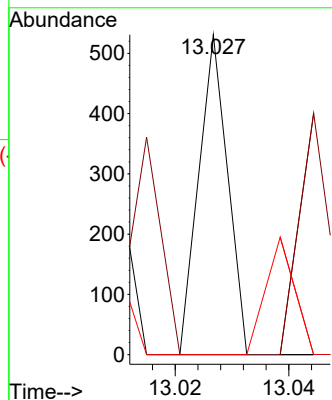
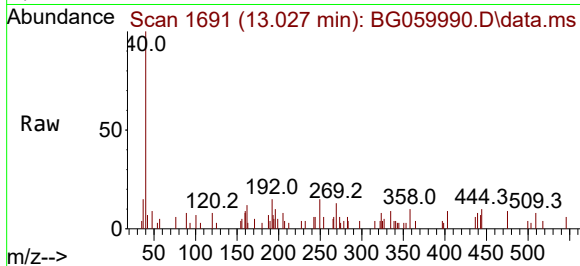




#43
2,4,6-Trichlorophenol
Concen: 0.015 ng
RT: 13.027 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

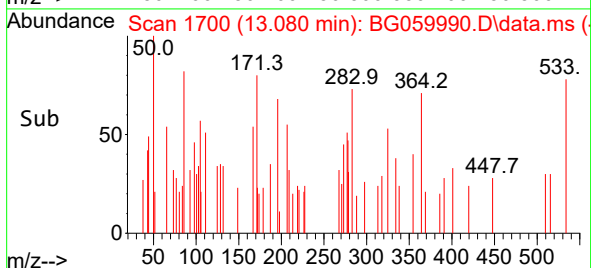
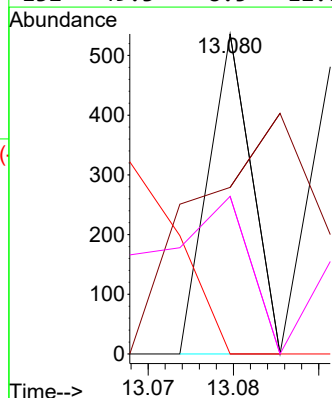
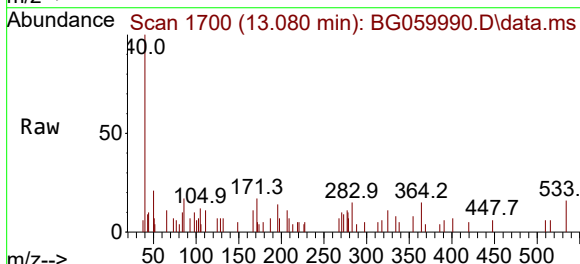
Instrument :
BNA_G
ClientSampleId :
PB157585BL

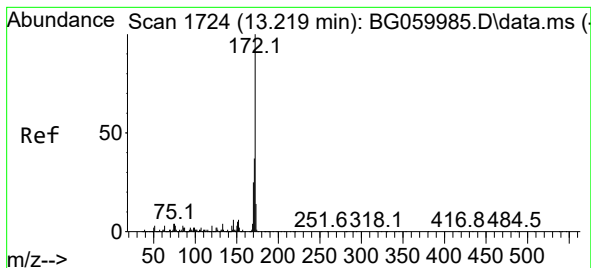
Tgt Ion:196 Resp: 187
Ion Ratio Lower Upper
196 100
198 0.0 76.5 114.7#
200 0.0 25.6 38.4#



#44
2,4,5-Trichlorophenol
Concen: 0.014 ng
RT: 13.080 min Scan# 1700
Delta R.T. -0.016 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion:196 Resp: 189
Ion Ratio Lower Upper
196 100
198 52.1 78.6 117.8#
97 0.0 23.8 35.8#
132 49.3 8.5 12.7#





#45

2-Fluorobiphenyl

Concen: 103.727 ng

RT: 13.221 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

Instrument :

BNA_G

ClientSampleId :

PB157585BL

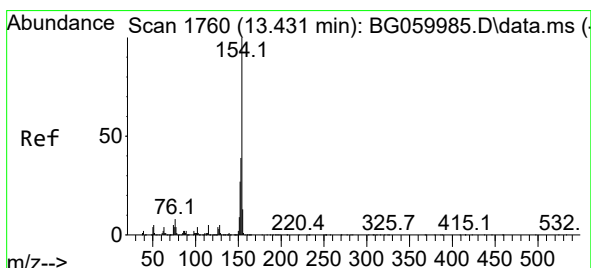
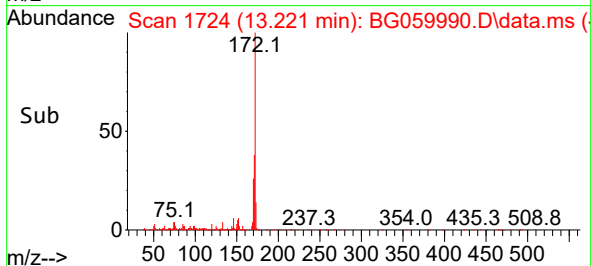
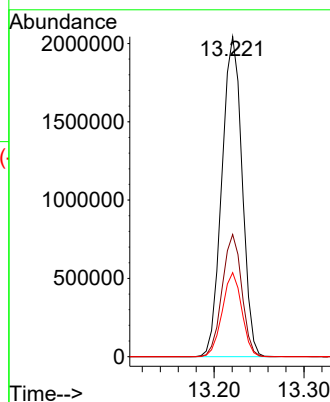
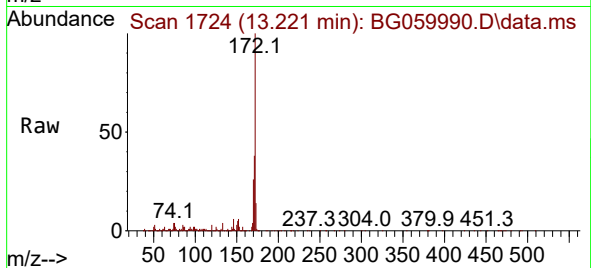
Tgt Ion:172 Resp: 3193298

Ion Ratio Lower Upper

172 100

171 38.2 29.9 44.9

170 26.2 19.8 29.8



#46

1,1'-Biphenyl

Concen: 0.017 ng

RT: 13.426 min Scan# 1759

Delta R.T. -0.004 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

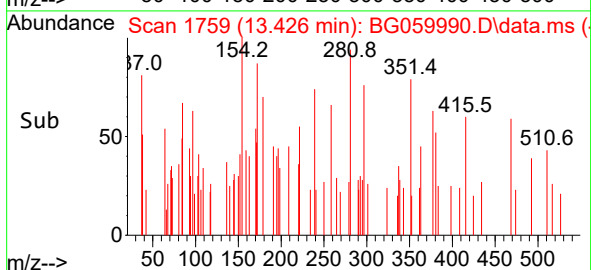
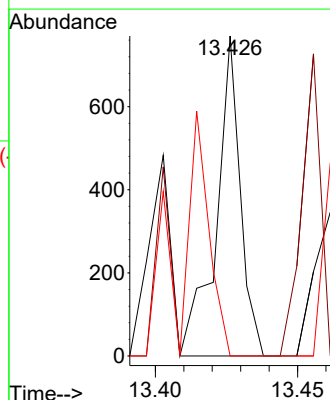
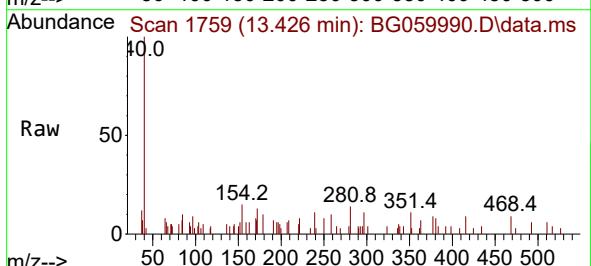
Tgt Ion:154 Resp: 450

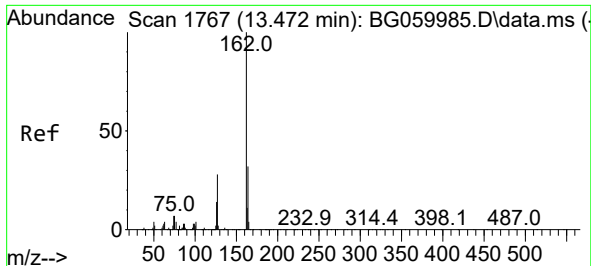
Ion Ratio Lower Upper

154 100

153 0.0 19.1 59.1#

76 0.0 0.0 27.6

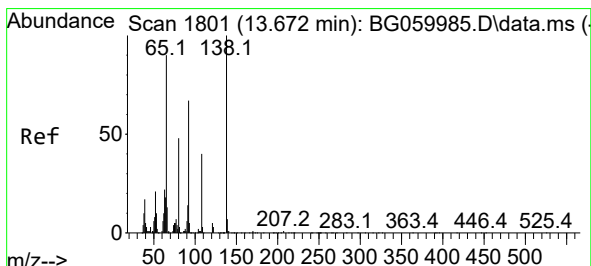
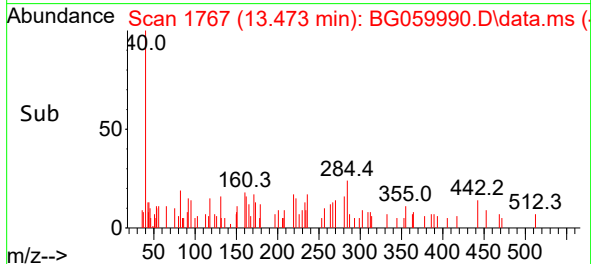
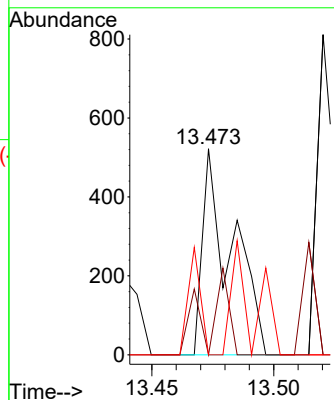
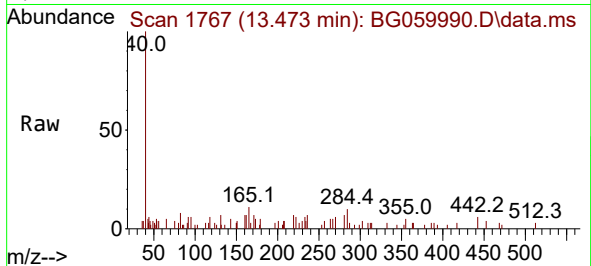




#47
2-Chloronaphthalene
Concen: 0.019 ng
RT: 13.473 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

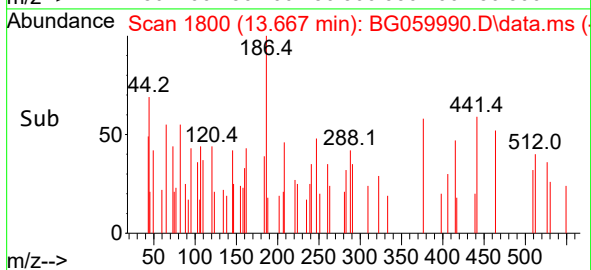
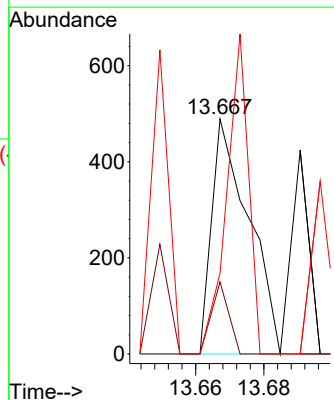
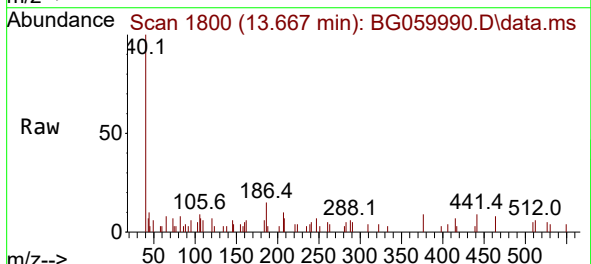
Instrument :
BNA_G
ClientSampleId :
PB157585BL

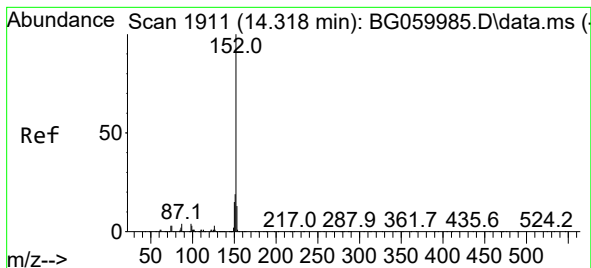
Tgt Ion:162 Resp: 434
Ion Ratio Lower Upper
162 100
127 0.0 23.1 34.7#
164 0.0 25.8 38.6#



#48
2-Nitroaniline
Concen: 0.081 ng
RT: 13.667 min Scan# 1800
Delta R.T. -0.004 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion: 65 Resp: 368
Ion Ratio Lower Upper
65 100
92 30.7 59.8 89.6#
138 34.4 88.8 133.2#





#49

Acenaphthylene

Concen: 0.005 ng

RT: 14.325 min Scan# 1911

Delta R.T. 0.007 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

Instrument :

BNA_G

ClientSampleId :

PB157585BL

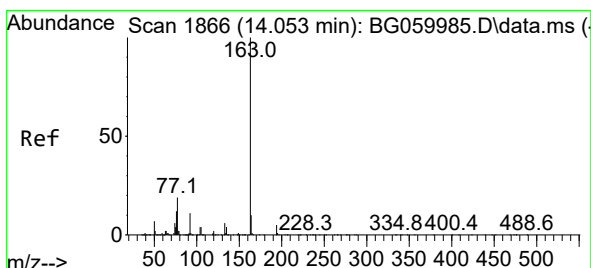
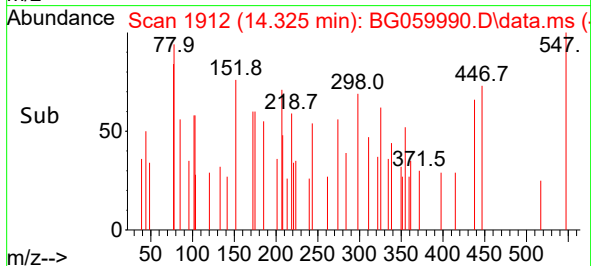
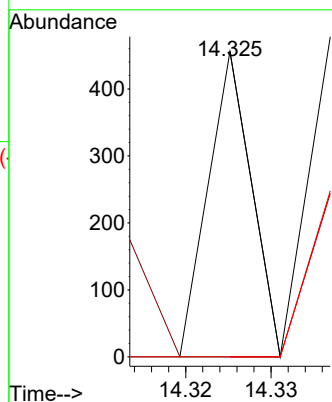
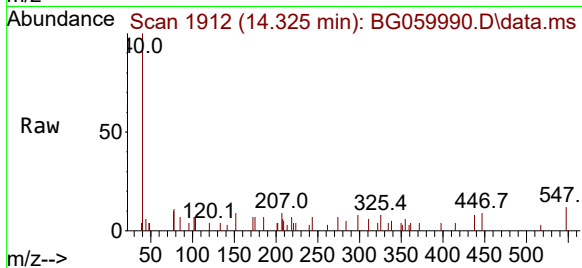
Tgt Ion:152 Resp: 161

Ion Ratio Lower Upper

152 100

151 0.0 15.1 22.7#

153 0.0 10.3 15.5#



#50

Dimethylphthalate

Concen: 0.039 ng

RT: 14.049 min Scan# 1865

Delta R.T. -0.004 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

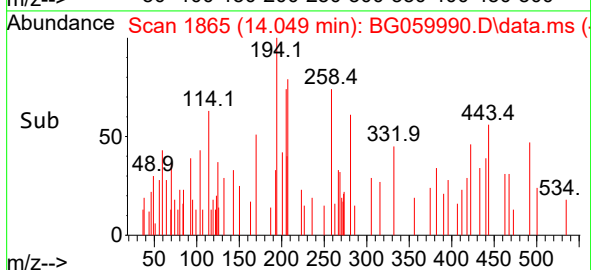
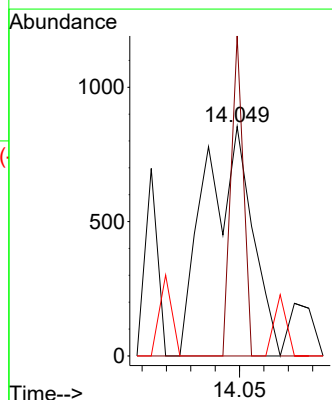
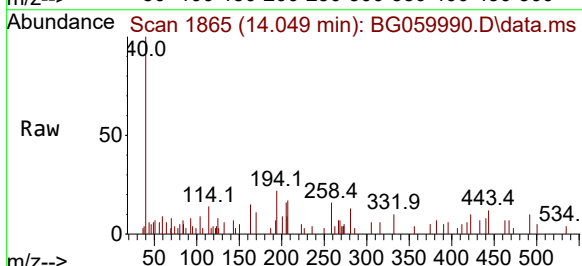
Tgt Ion:163 Resp: 1146

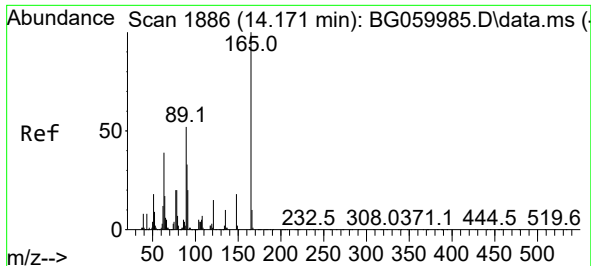
Ion Ratio Lower Upper

163 100

194 139.5 4.2 6.2#

164 0.0 7.7 11.5#

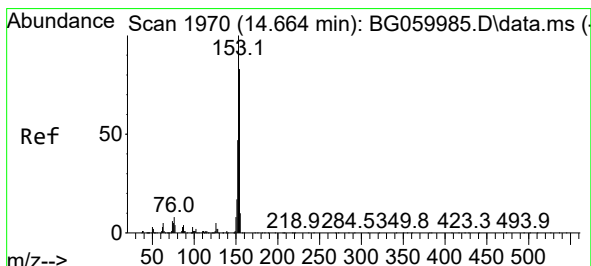
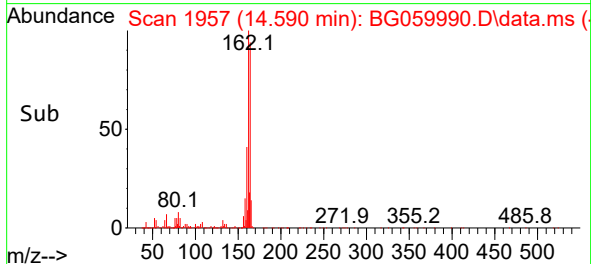
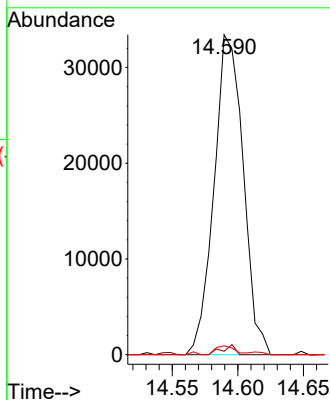
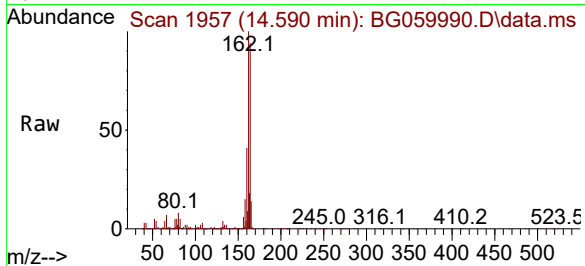




#51
2,6-Dinitrotoluene
Concen: 7.947 ng
RT: 14.590 min Scan# 1957
Delta R.T. 0.419 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

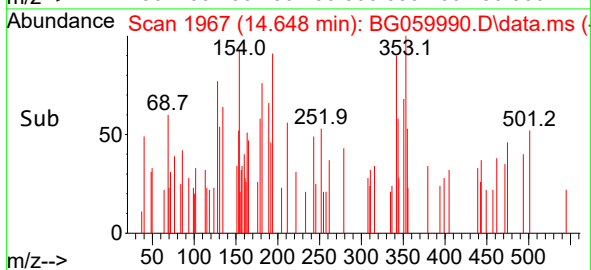
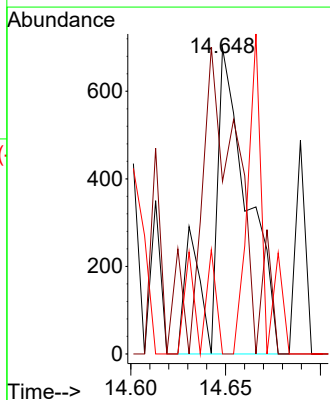
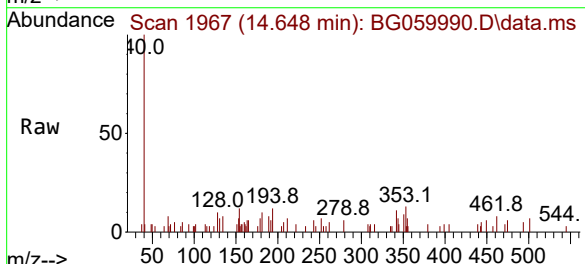
Instrument :
BNA_G
ClientSampleId :
PB157585BL

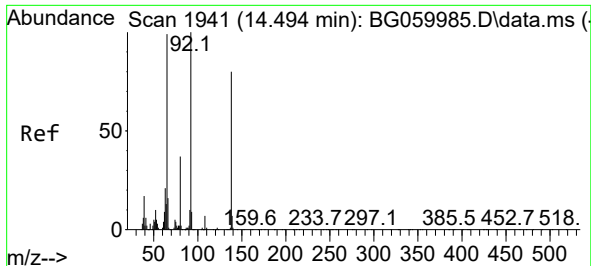
Tgt Ion:165 Resp: 51578
Ion Ratio Lower Upper
165 100
63 1.0 34.7 52.1#
89 2.7 41.6 62.4#



#52
Acenaphthene
Concen: 0.041 ng
RT: 14.648 min Scan# 1967
Delta R.T. -0.016 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion:154 Resp: 919
Ion Ratio Lower Upper
154 100
153 56.4 96.0 144.0#
152 0.0 45.4 68.2#

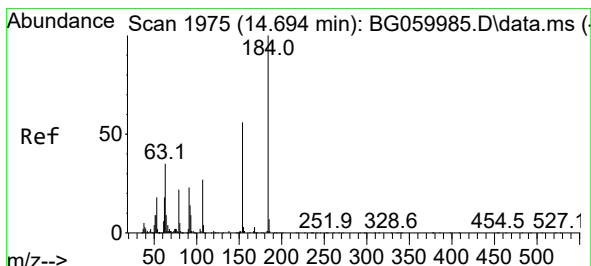
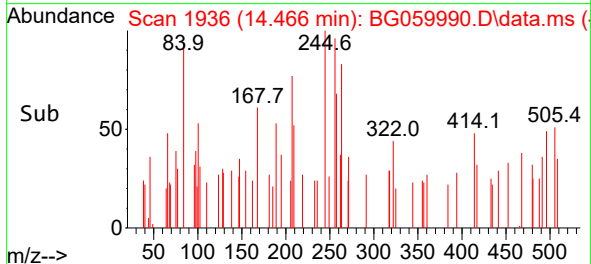
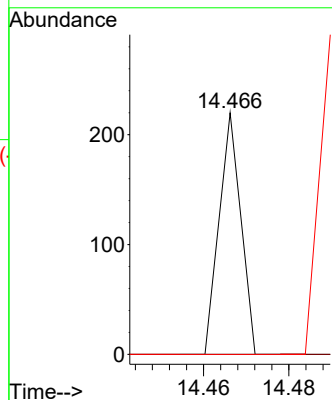
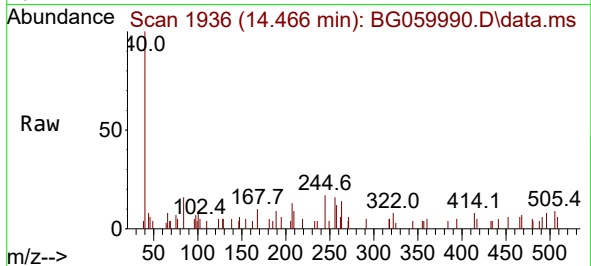




#53
3-Nitroaniline
Concen: 0.018 ng
RT: 14.466 min Scan# 1941
Delta R.T. -0.028 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

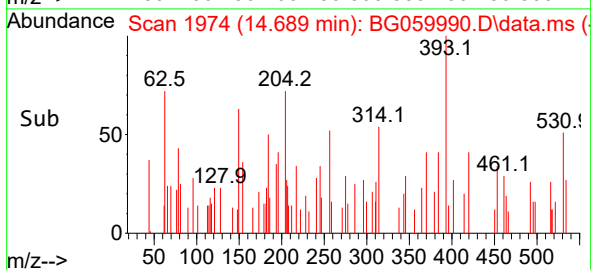
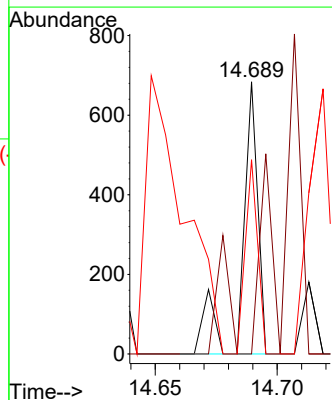
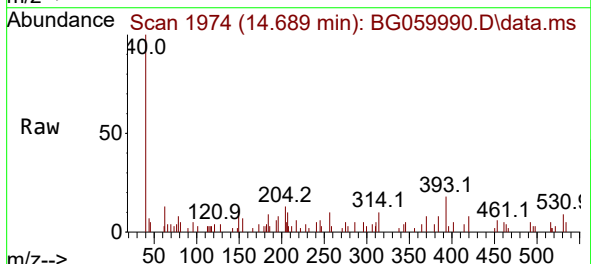
Instrument :
BNA_G
ClientSampleId :
PB157585BL

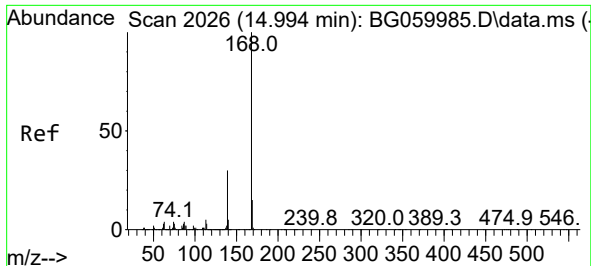
Tgt Ion:138 Resp: 78
Ion Ratio Lower Upper
138 100
108 0.0 7.4 11.0#
92 0.0 100.2 150.4#



#54
2,4-Dinitrophenol
Concen: 0.055 ng
RT: 14.689 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion:184 Resp: 298
Ion Ratio Lower Upper
184 100
63 0.0 28.5 42.7#
154 71.3 45.6 68.4#

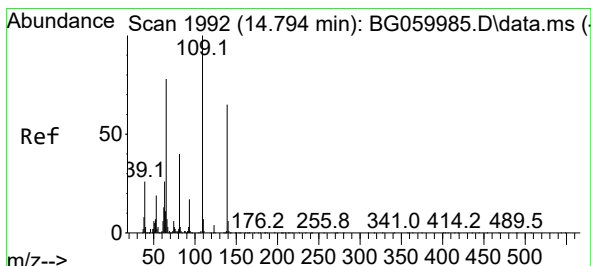
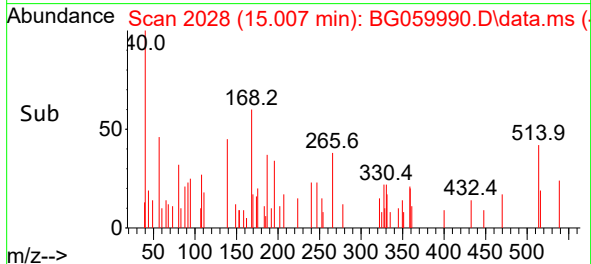
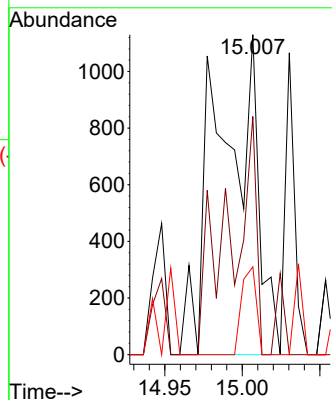
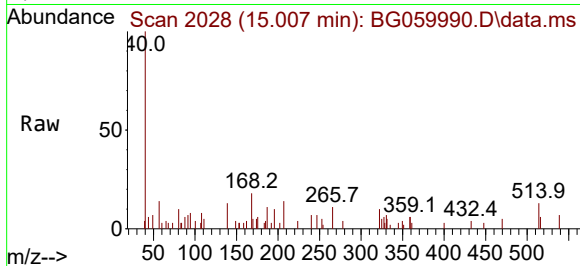




#55
Dibenzofuran
Concen: 0.055 ng
RT: 15.007 min Scan# 20
Delta R.T. 0.013 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

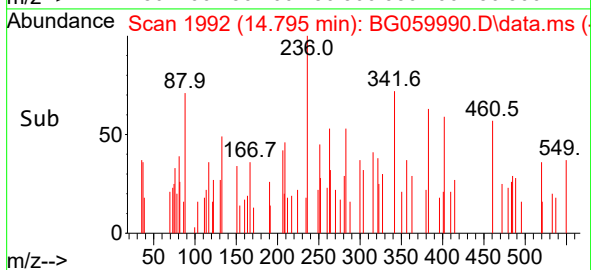
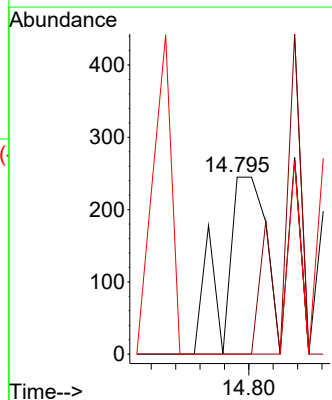
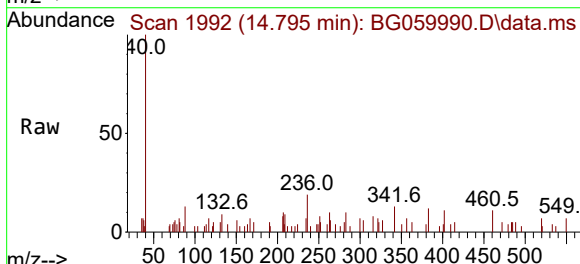
Instrument :
BNA_G
ClientSampleId :
PB157585BL

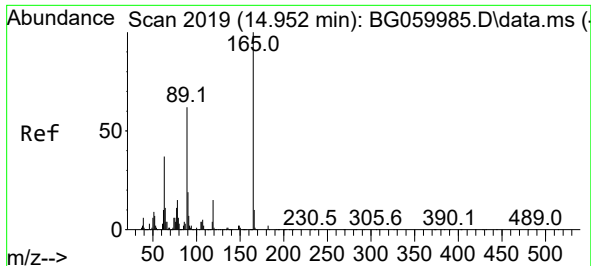
Tgt Ion:168 Resp: 2042
Ion Ratio Lower Upper
168 100
139 74.4 24.3 36.5#
169 27.4 11.7 17.5#



#56
4-Nitrophenol
Concen: 0.080 ng
RT: 14.795 min Scan# 1992
Delta R.T. 0.001 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion:139 Resp: 300
Ion Ratio Lower Upper
139 100
109 0.0 134.7 174.7#
65 0.0 100.9 140.9#

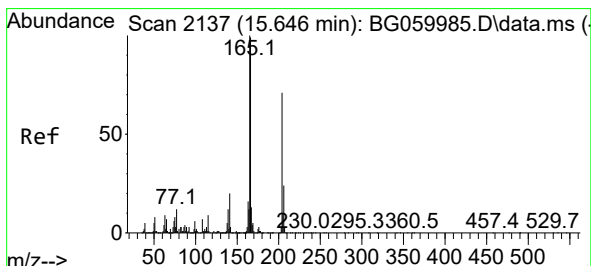
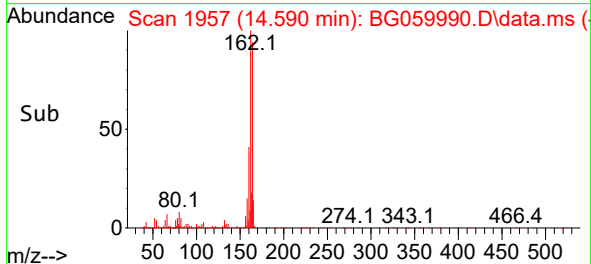
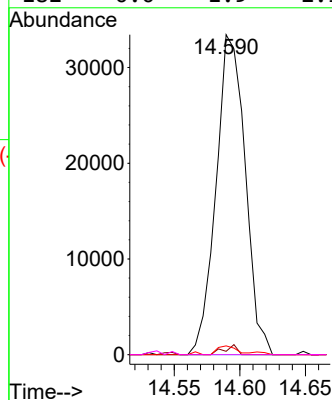
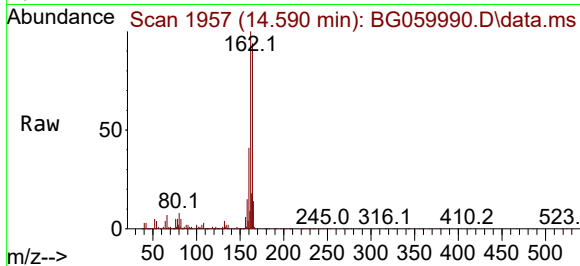




#57
2,4-Dinitrotoluene
Concen: 5.549 ng
RT: 14.590 min Scan# 1957
Delta R.T. -0.363 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

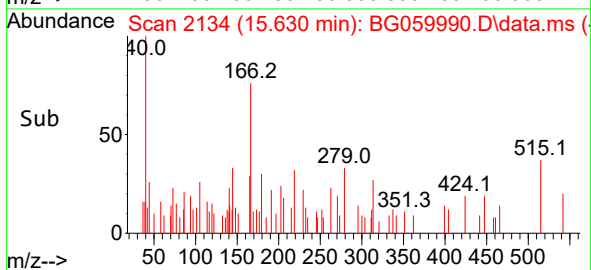
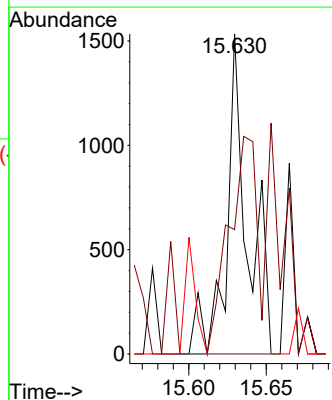
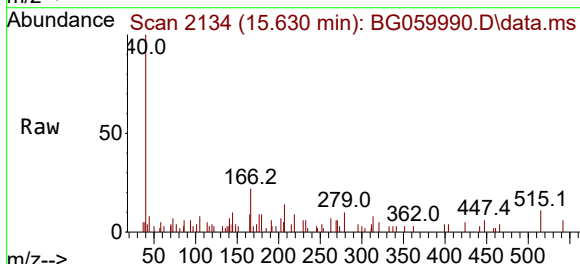
Instrument :
BNA_G
ClientSampleId :
PB157585BL

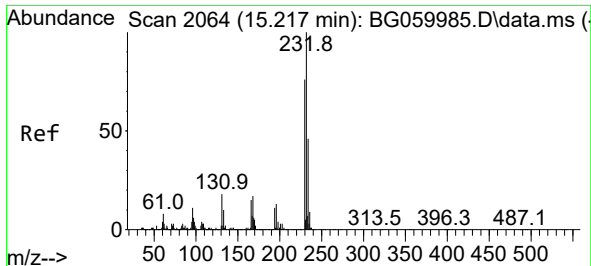
Tgt Ion:165 Resp: 51578
Ion Ratio Lower Upper
165 100
63 1.0 30.1 45.1#
89 2.7 49.9 74.9#
182 0.0 1.9 2.9#



#58
Fluorene
Concen: 0.045 ng
RT: 15.630 min Scan# 2134
Delta R.T. -0.016 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion:166 Resp: 1431
Ion Ratio Lower Upper
166 100
165 38.9 80.8 121.2#
167 0.0 10.6 16.0#

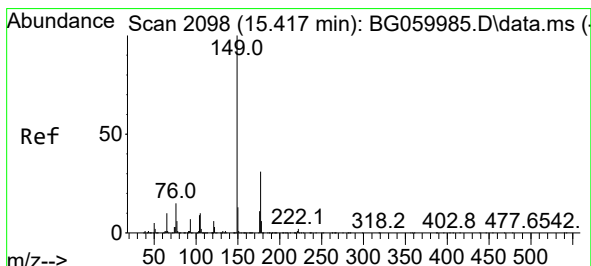
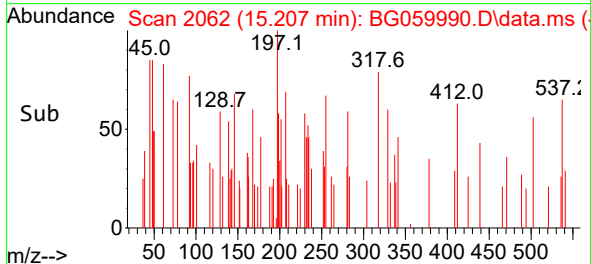
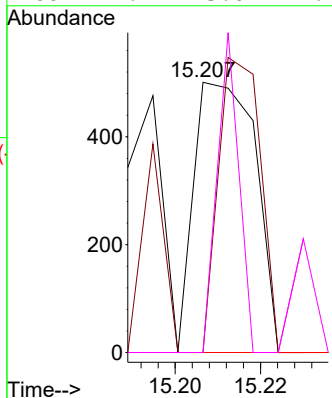
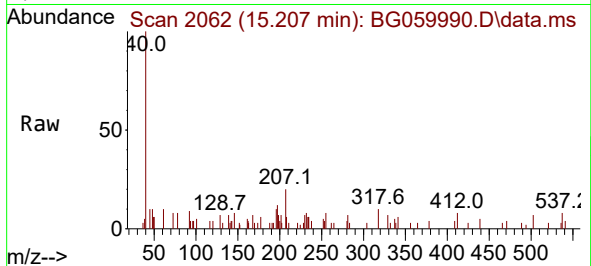




#59
2,3,4,6-Tetrachlorophenol
Concen: 0.032 ng
RT: 15.207 min Scan# 2062
Delta R.T. -0.010 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

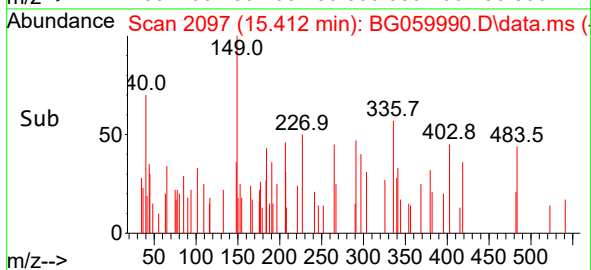
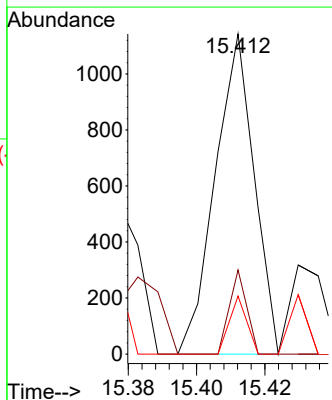
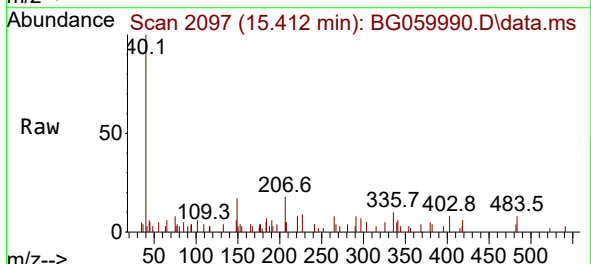
Instrument :
BNA_G
ClientSampleId :
PB157585BL

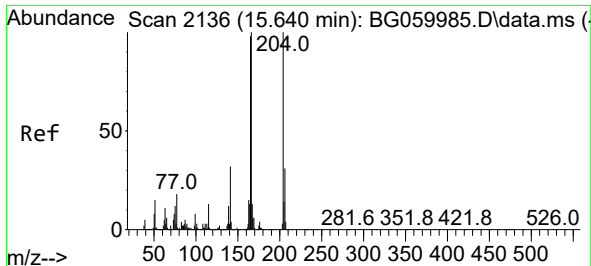
Tgt Ion:232 Resp: 501
Ion Ratio Lower Upper
232 100
131 74.9 14.9 22.3#
130 0.0 1.2 1.8#
166 41.7 13.0 19.4#



#60
Diethylphthalate
Concen: 0.034 ng
RT: 15.412 min Scan# 2097
Delta R.T. -0.004 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion:149 Resp: 904
Ion Ratio Lower Upper
149 100
177 26.2 24.6 36.8
150 18.1 10.3 15.5#

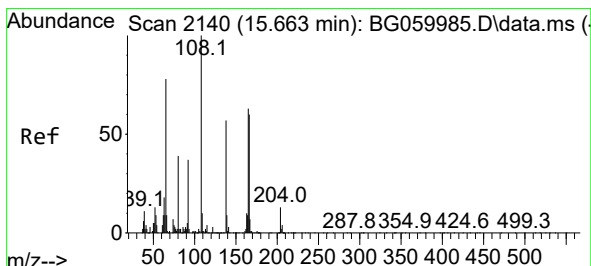
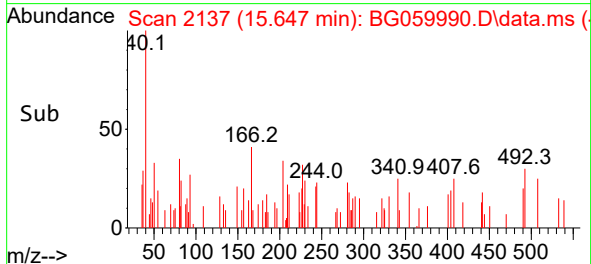
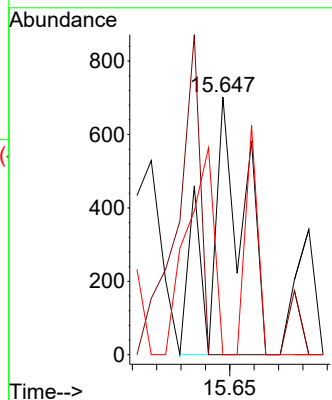
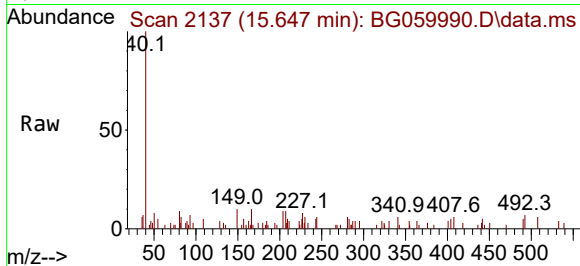




#61
4-Chlorophenyl-phenylether
Concen: 0.026 ng
RT: 15.647 min Scan# 2136
Delta R.T. 0.007 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

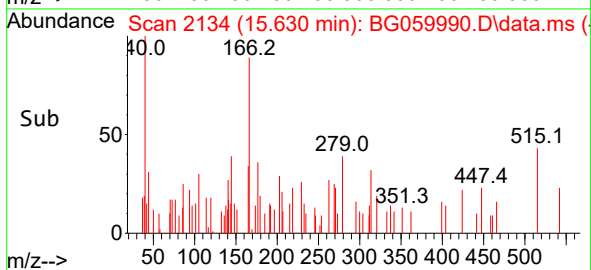
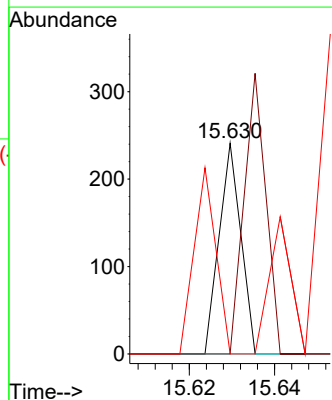
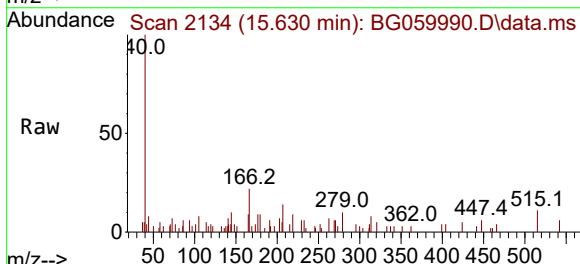
Instrument :
BNA_G
ClientSampleId :
PB157585BL

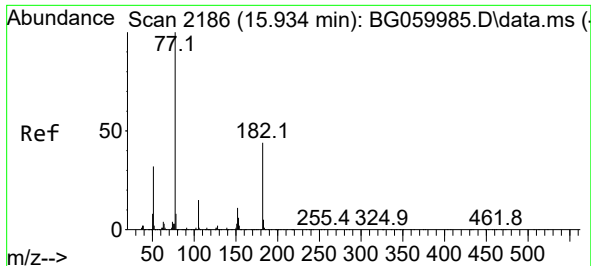
Tgt Ion:204 Resp: 693
Ion Ratio Lower Upper
204 100
206 0.0 24.8 37.2#
141 0.0 25.4 38.2#



#62
4-Nitroaniline
Concen: 0.017 ng
RT: 15.630 min Scan# 2134
Delta R.T. -0.034 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion:138 Resp: 85
Ion Ratio Lower Upper
138 100
92 0.0 45.7 85.7#
108 0.0 155.8 195.8#

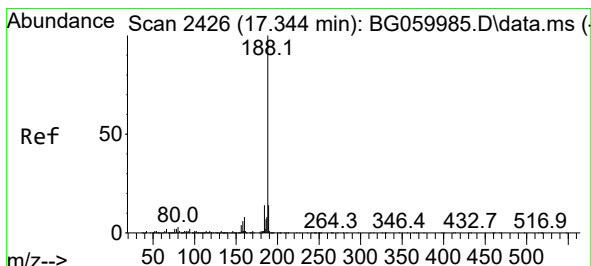
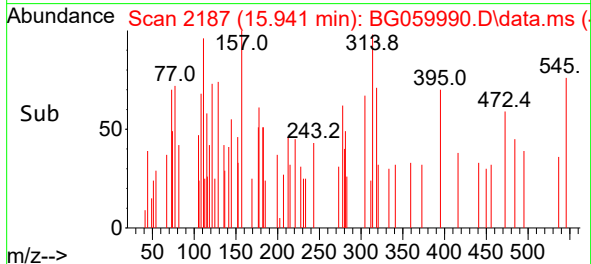
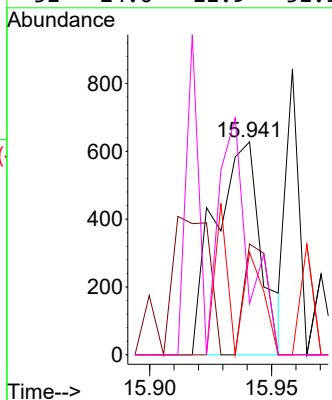
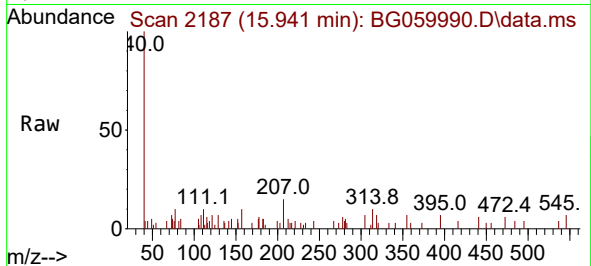




#63
Azobenzene
Concen: 0.036 ng
RT: 15.941 min Scan# 2186
Delta R.T. 0.007 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

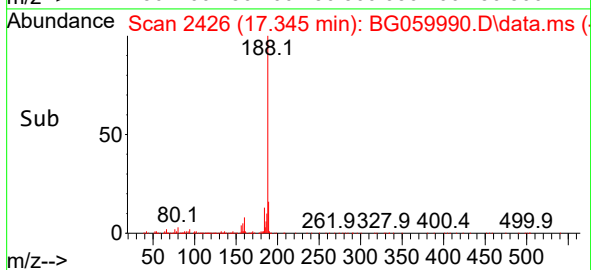
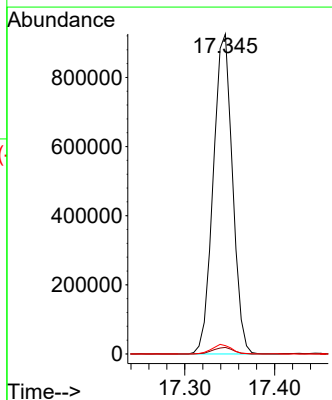
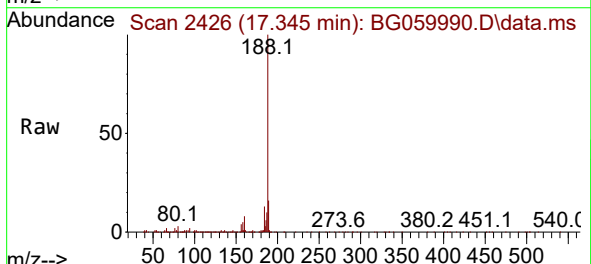
Instrument :
BNA_G
ClientSampleId :
PB157585BL

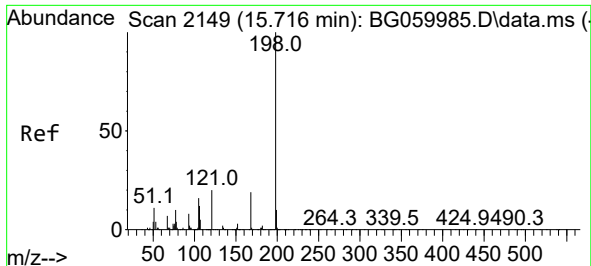
Tgt Ion: 77	Resp: 843
Ion Ratio	Lower Upper
77 100	
182 103.5	23.5 63.5#
105 48.1	0.0 35.2#
51 24.0	11.9 51.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2426
Delta R.T. 0.001 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion:188	Resp: 1376781		
Ion Ratio	Lower	Upper	
188 100			
94 2.1	1.8	2.8	
80 2.6	2.6	3.8	

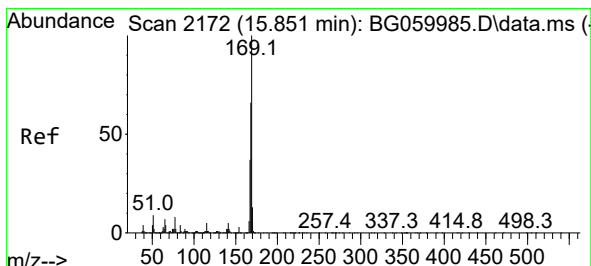
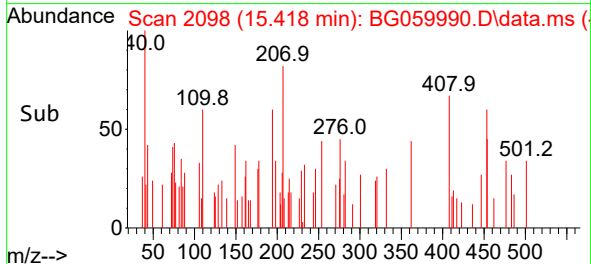
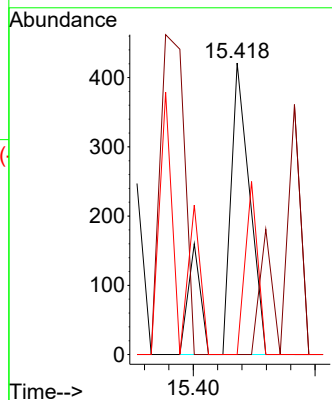
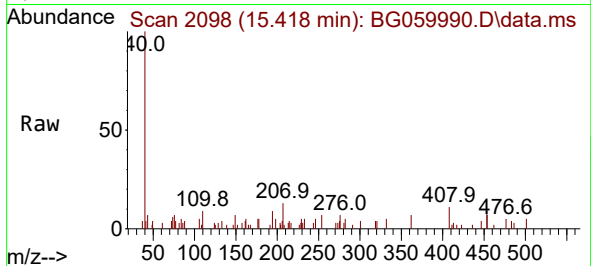




#65
4,6-Dinitro-2-methylphenol
Concen: 0.028 ng
RT: 15.418 min Scan# 20
Delta R.T. -0.298 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

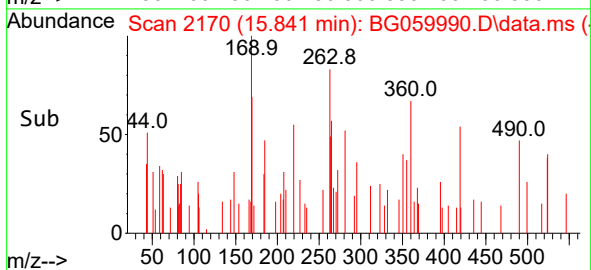
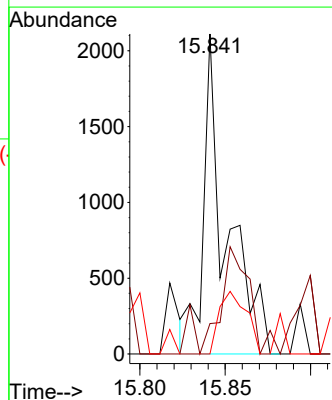
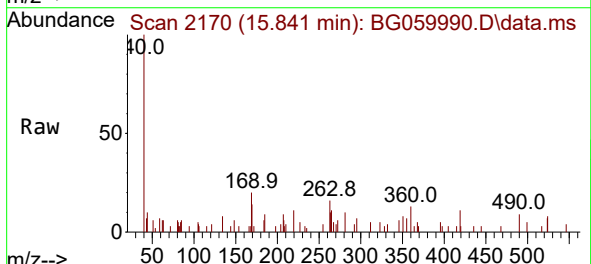
Instrument :
BNA_G
ClientSampleId :
PB157585BL

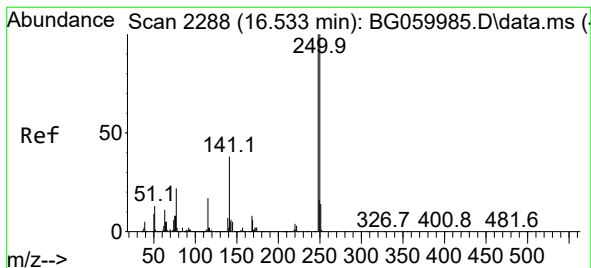
Tgt Ion:198 Resp: 277
Ion Ratio Lower Upper
198 100
51 0.0 0.0 35.2
105 0.0 0.0 37.7



#66
n-Nitrosodiphenylamine
Concen: 0.060 ng
RT: 15.841 min Scan# 2170
Delta R.T. -0.010 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion:169 Resp: 1958
Ion Ratio Lower Upper
169 100
168 9.5 53.0 79.4#
167 0.0 29.6 44.4#

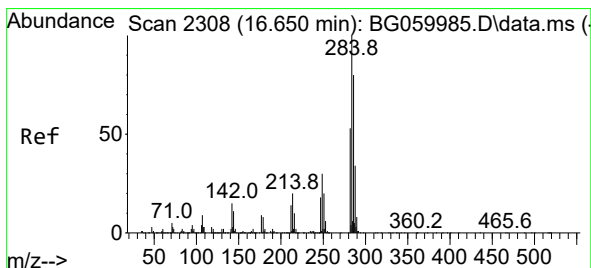
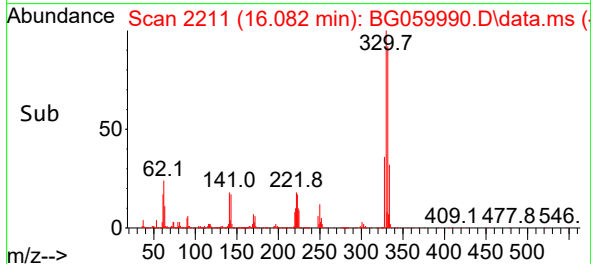
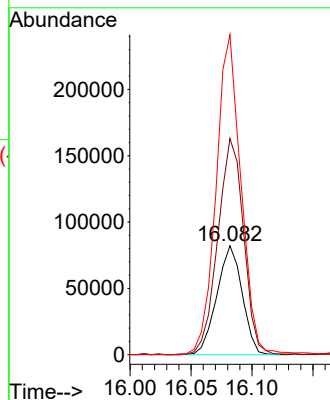
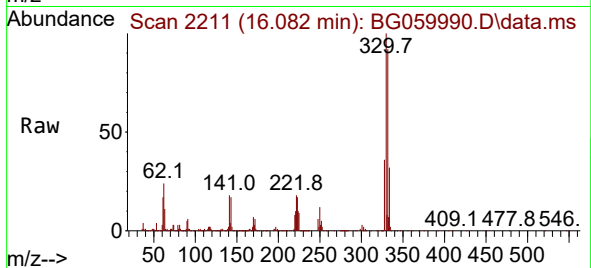




#67
4-Bromophenyl-phenylether
Concen: 5.495 ng
RT: 16.082 min Scan# 211
Delta R.T. -0.451 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

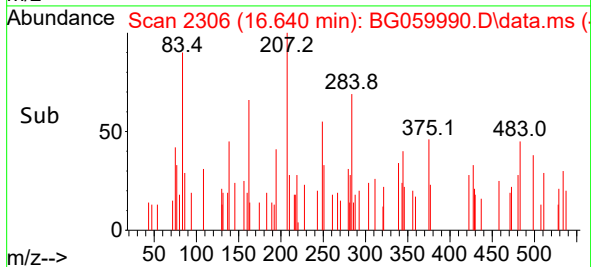
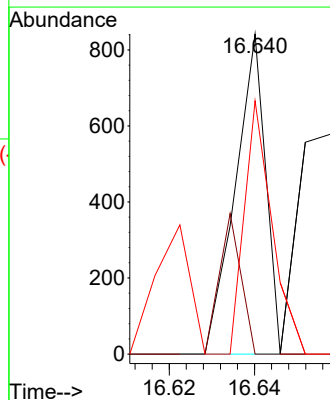
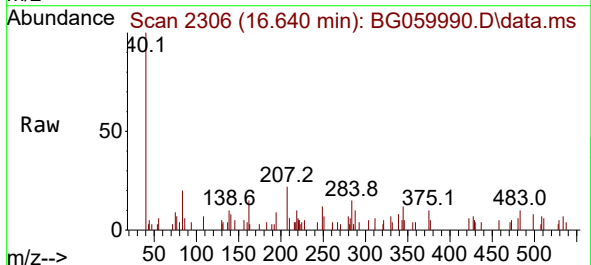
Instrument :
BNA_G
ClientSampleId :
PB157585BL

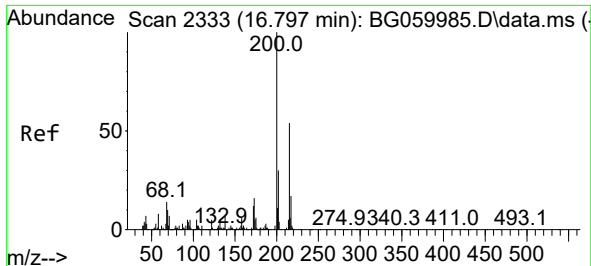
Tgt Ion:248 Resp: 118691
Ion Ratio Lower Upper
248 100
250 198.4 79.8 119.8#
141 293.7 30.2 45.4#



#68
Hexachlorobenzene
Concen: 0.017 ng
RT: 16.640 min Scan# 2306
Delta R.T. -0.010 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion:284 Resp: 416
Ion Ratio Lower Upper
284 100
142 0.0 12.2 18.2#
249 79.1 24.2 36.2#

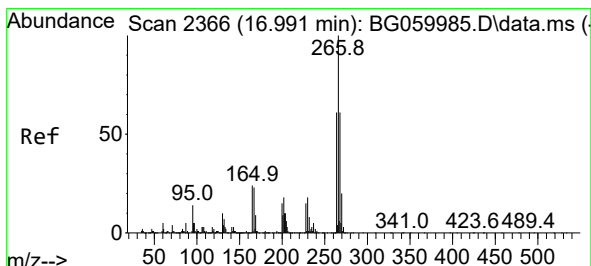
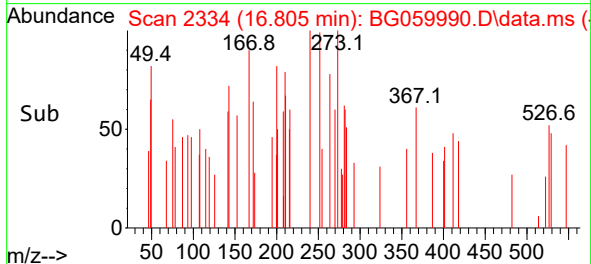
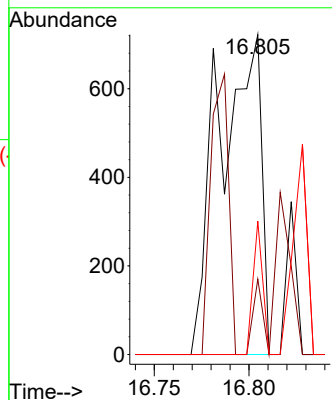
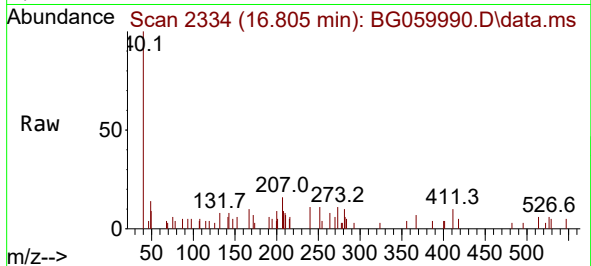




#69
Atrazine
Concen: 0.078 ng
RT: 16.805 min Scan# 2110
Delta R.T. 0.008 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

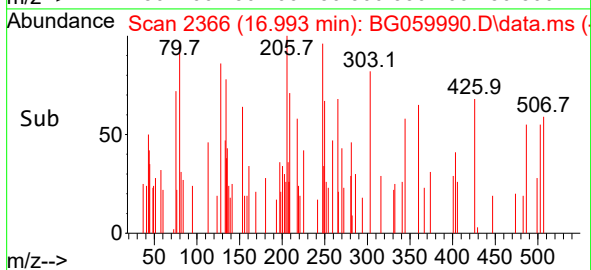
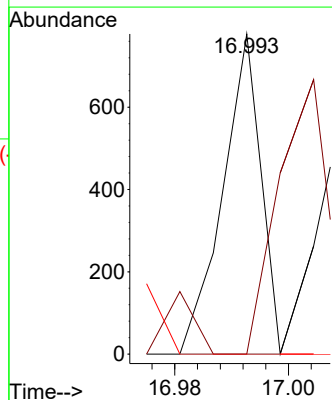
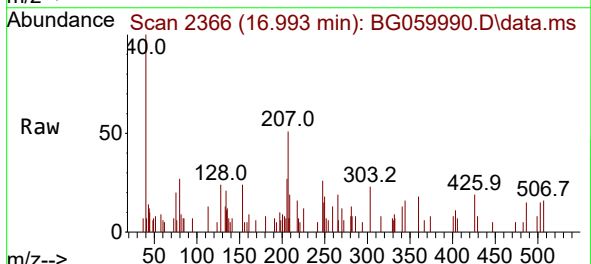
Instrument :
BNA_G
ClientSampleId :
PB157585BL

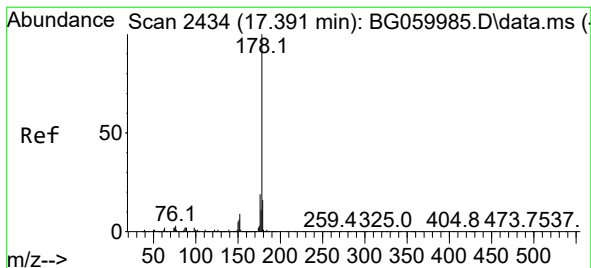
Tgt Ion:200 Resp: 1110
Ion Ratio Lower Upper
200 100
173 23.5 0.0 35.9
215 91.6 33.6 73.6#



#70
Pentachlorophenol
Concen: 0.021 ng
RT: 16.993 min Scan# 2366
Delta R.T. 0.001 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion:266 Resp: 361
Ion Ratio Lower Upper
266 100
268 0.0 49.1 73.7#
264 0.0 49.1 73.7#





#71

Phenanthrene

Concen: 0.053 ng

RT: 17.380 min Scan# 2434

Delta R.T. -0.010 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

Instrument :

BNA_G

ClientSampleId :

PB157585BL

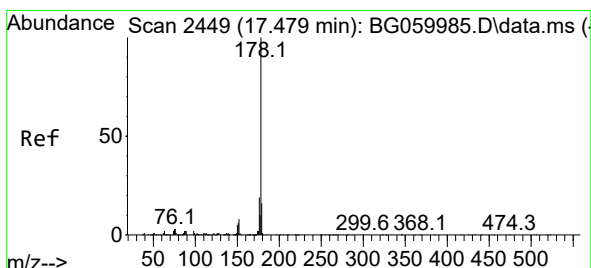
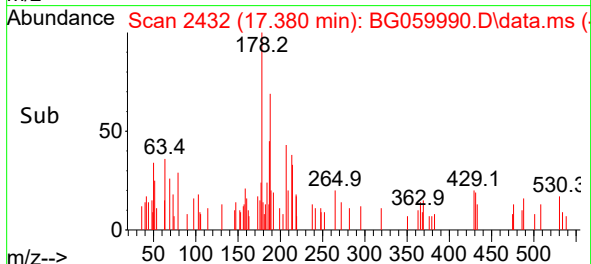
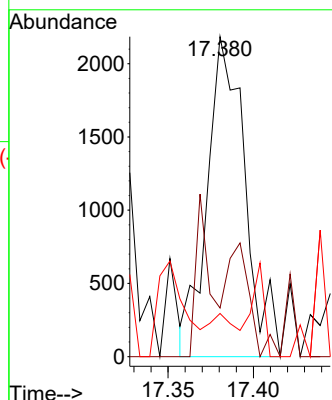
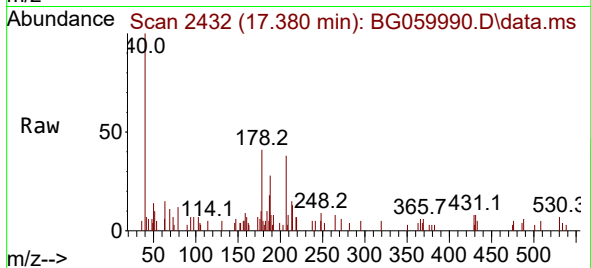
Tgt Ion:178 Resp: 3359

Ion Ratio Lower Upper

178 100

176 15.2 15.4 23.0#

179 13.5 12.6 18.8



#72

Anthracene

Concen: 0.060 ng

RT: 17.480 min Scan# 2449

Delta R.T. 0.001 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

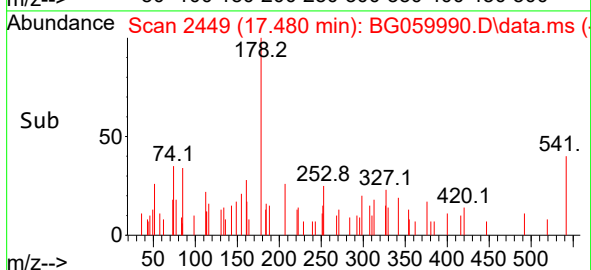
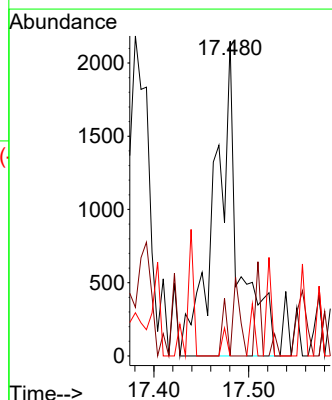
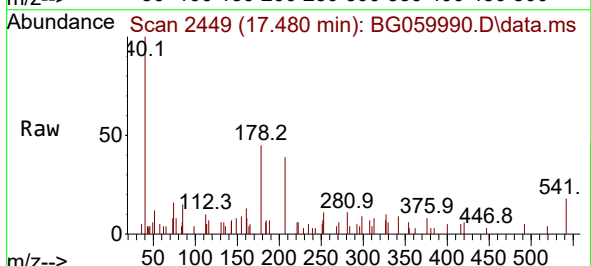
Tgt Ion:178 Resp: 3798

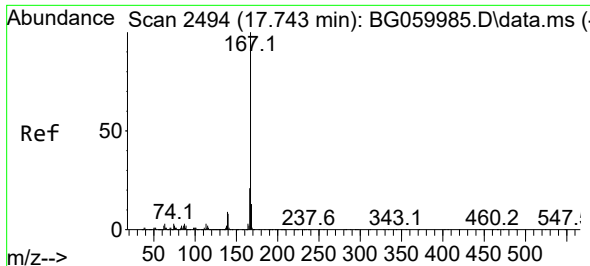
Ion Ratio Lower Upper

178 100

176 0.0 15.6 23.4#

179 0.0 13.0 19.4#

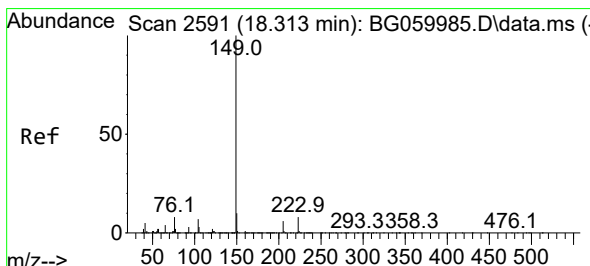
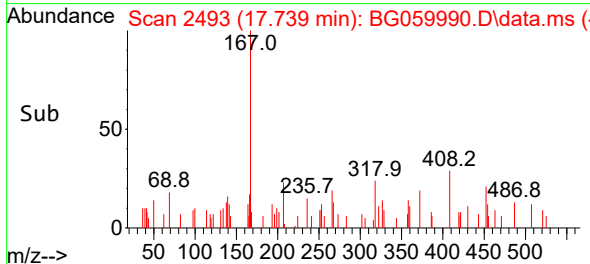
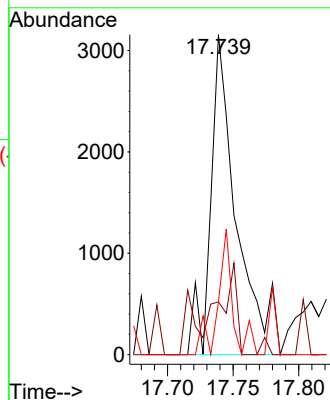
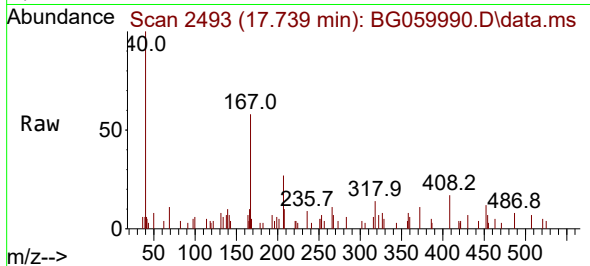




#73
 Carbazole
 Concen: 0.083 ng
 RT: 17.739 min Scan# 2493
 Delta R.T. -0.004 min
 Lab File: BG059990.D
 Acq: 7 Dec 2023 17:22

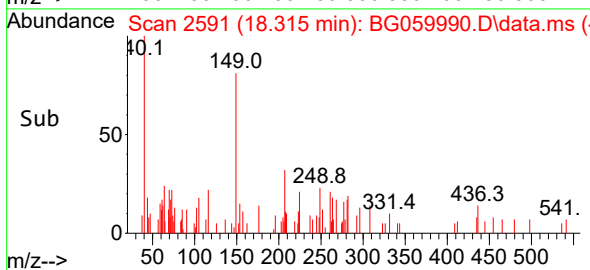
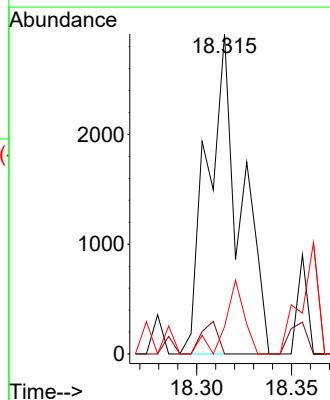
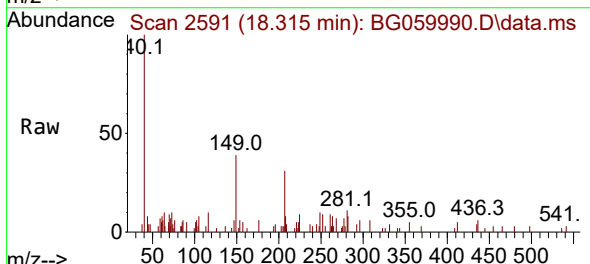
Instrument :
 BNA_G
 ClientSampleId :
 PB157585BL

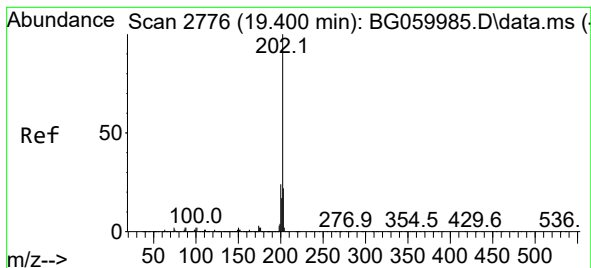
Tgt Ion:167 Resp: 4333
 Ion Ratio Lower Upper
 167 100
 166 16.5 16.9 25.3#
 139 16.4 7.0 10.4#



#74
 Di-n-butylphthalate
 Concen: 0.077 ng
 RT: 18.315 min Scan# 2591
 Delta R.T. 0.001 min
 Lab File: BG059990.D
 Acq: 7 Dec 2023 17:22

Tgt Ion:149 Resp: 3551
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.8 11.8#
 104 8.5 5.6 8.4#





#75

Fluoranthene

Concen: 0.106 ng

RT: 19.402 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

Instrument :

BNA_G

ClientSampleId :

PB157585BL

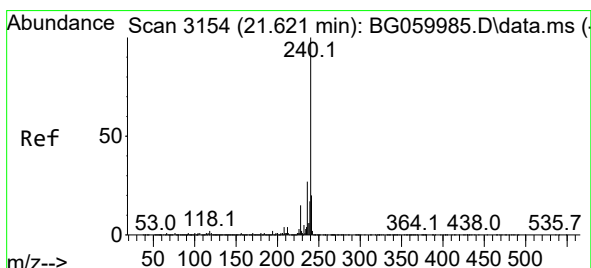
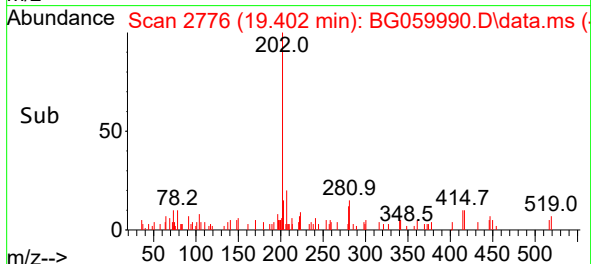
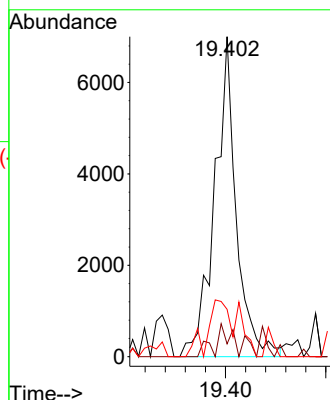
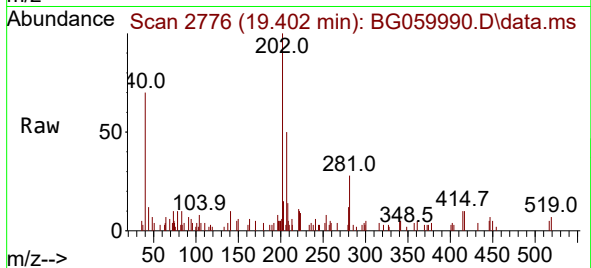
Tgt Ion:202 Resp: 10498

Ion Ratio Lower Upper

202 100

101 4.0 0.0 22.5

203 14.8 2.5 42.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.611 min Scan# 3152

Delta R.T. -0.010 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

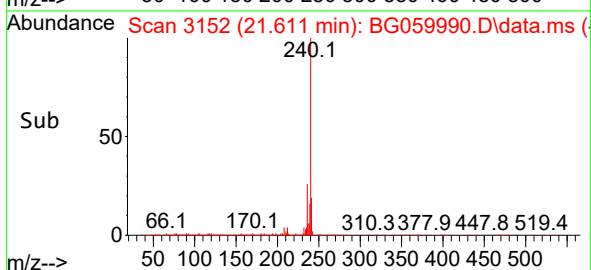
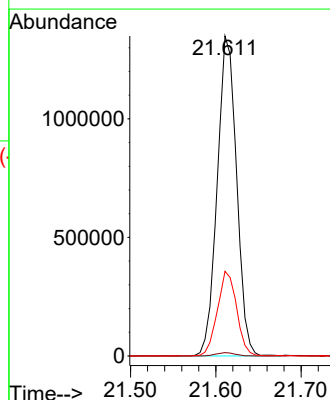
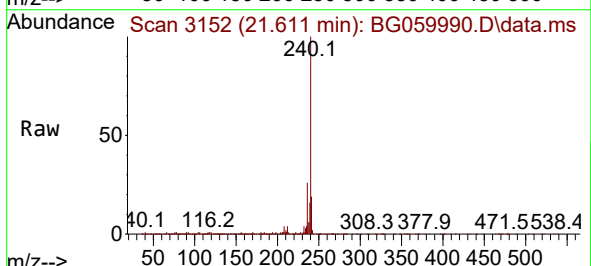
Tgt Ion:240 Resp: 2131573

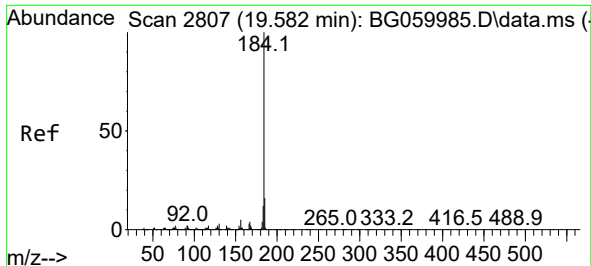
Ion Ratio Lower Upper

240 100

120 1.1 0.9 1.3

236 26.5 21.4 32.2





#77

Benzidine

Concen: 0.475 ng

RT: 19.584 min Scan# 2807

Delta R.T. 0.002 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

Instrument :

BNA_G

ClientSampleId :

PB157585BL

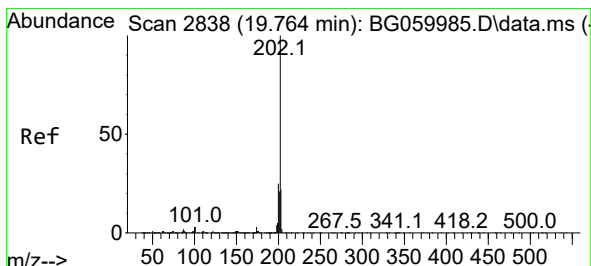
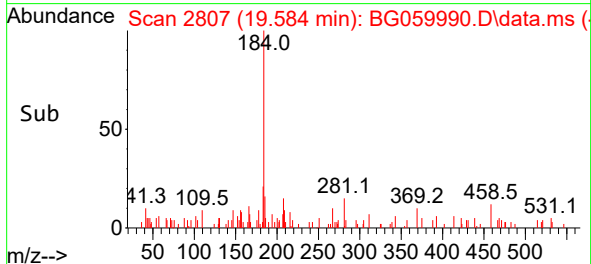
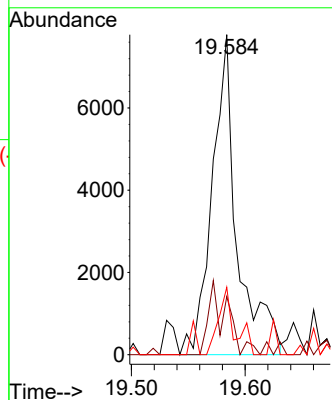
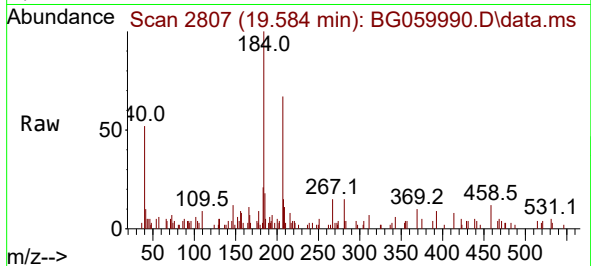
Tgt Ion:184 Resp: 11872

Ion Ratio Lower Upper

184 100

185 18.1 12.7 19.1

183 21.1 9.6 14.4#



#78

Pyrene

Concen: 0.104 ng

RT: 19.766 min Scan# 2838

Delta R.T. 0.002 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

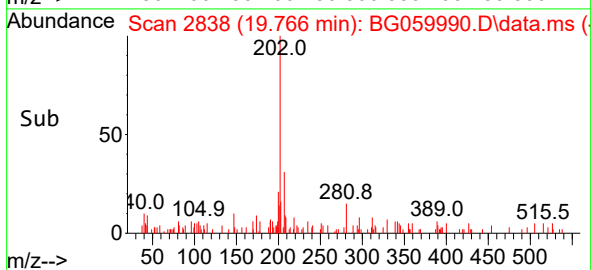
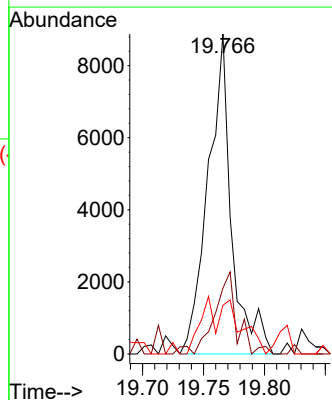
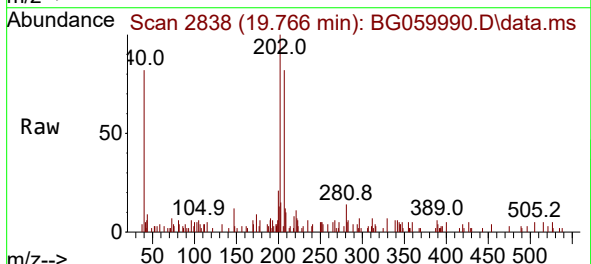
Tgt Ion:202 Resp: 11905

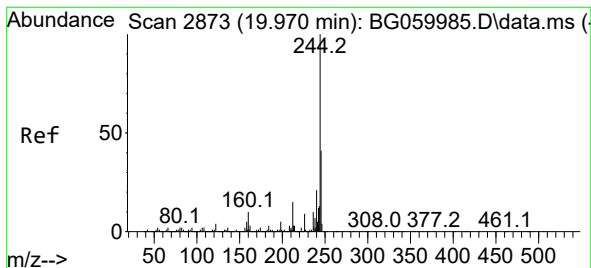
Ion Ratio Lower Upper

202 100

200 20.6 19.9 29.9

203 15.2 17.3 25.9#





#79

Terphenyl-d14

Concen: 95.662 ng

RT: 19.972 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

Instrument :

BNA_G

ClientSampleId :

PB157585BL

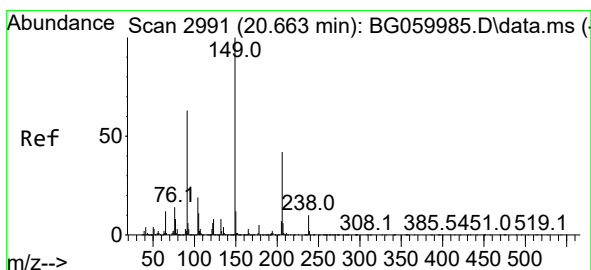
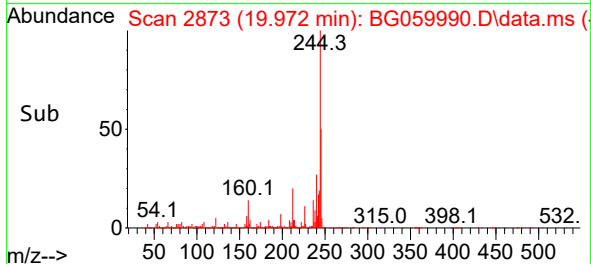
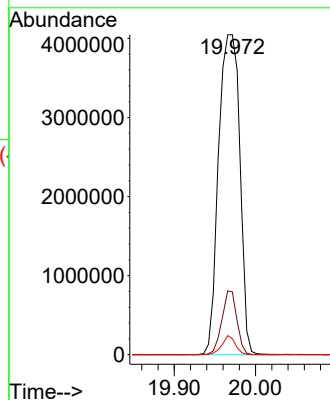
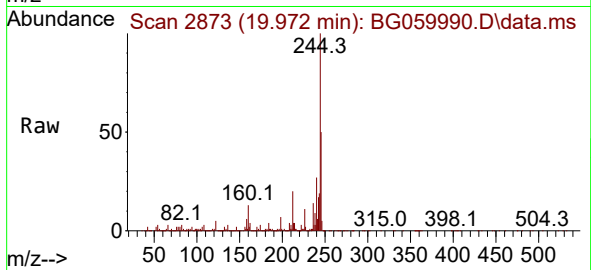
Tgt Ion:244 Resp: 7364090

Ion Ratio Lower Upper

244 100

212 19.6 11.9 17.9#

122 5.0 3.3 4.9#



#80

Butylbenzylphthalate

Concen: 0.031 ng

RT: 20.806 min Scan# 3015

Delta R.T. 0.143 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

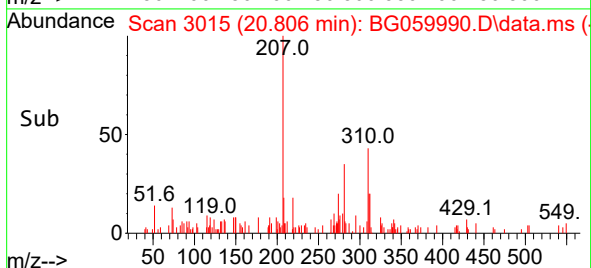
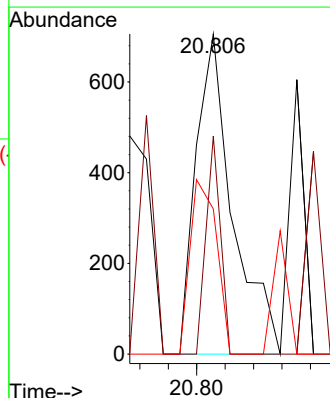
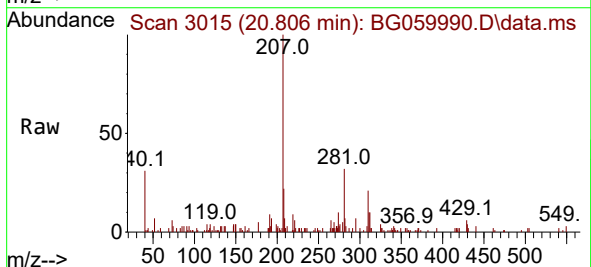
Tgt Ion:149 Resp: 633

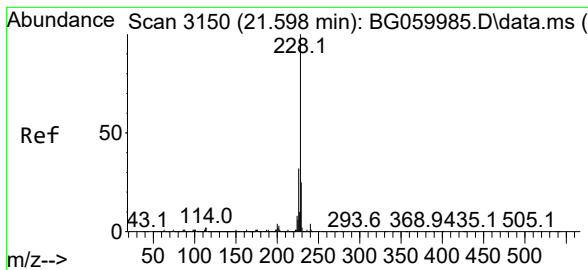
Ion Ratio Lower Upper

149 100

91 68.1 50.1 75.1

206 45.3 33.5 50.3





#81

Benzo(a)anthracene

Concen: 0.138 ng

RT: 21.593 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

Instrument :

BNA_G

ClientSampleId :

PB157585BL

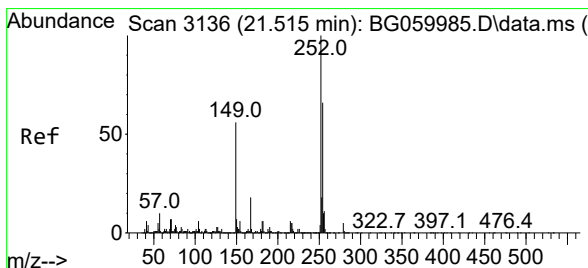
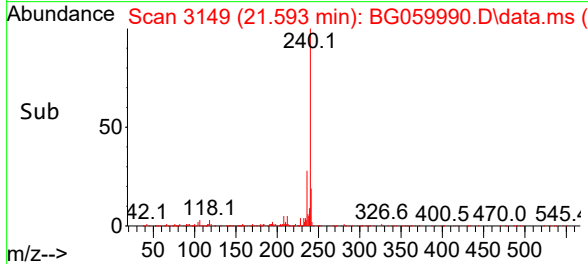
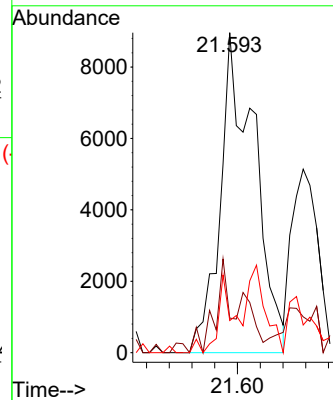
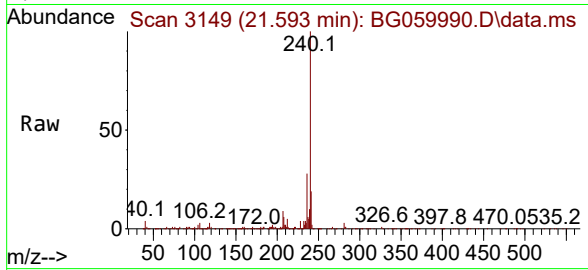
Tgt Ion:228 Resp: 18827

Ion Ratio Lower Upper

228 100

226 10.8 25.4 38.2#

229 10.0 19.8 29.6#



#82

3,3'-Dichlorobenzidine

Concen: 0.051 ng

RT: 21.511 min Scan# 3135

Delta R.T. -0.004 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

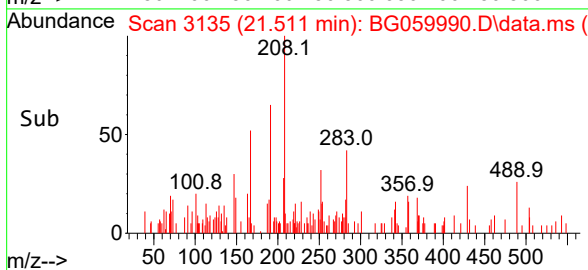
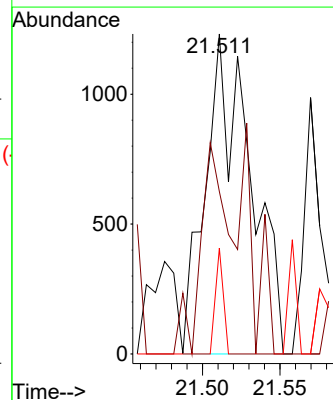
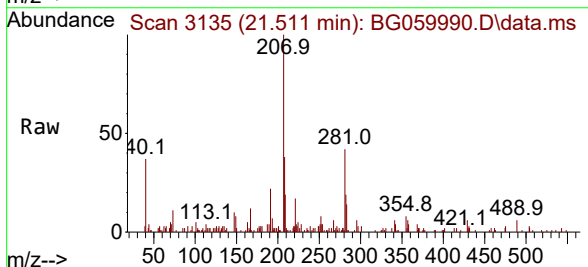
Tgt Ion:252 Resp: 2497

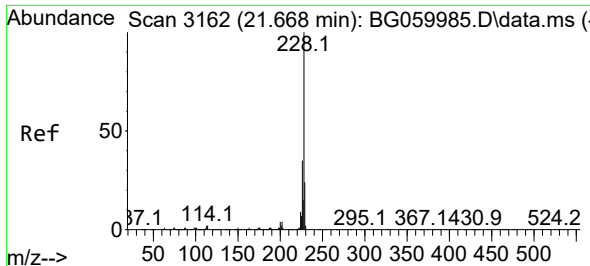
Ion Ratio Lower Upper

252 100

254 50.7 52.9 79.3#

126 33.1 2.5 3.7#

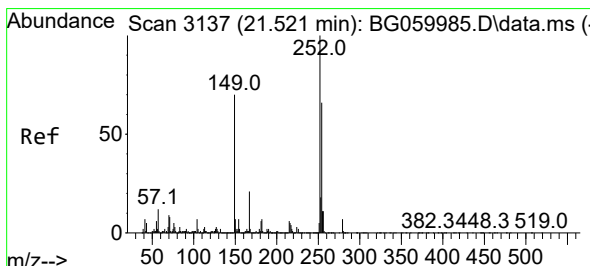
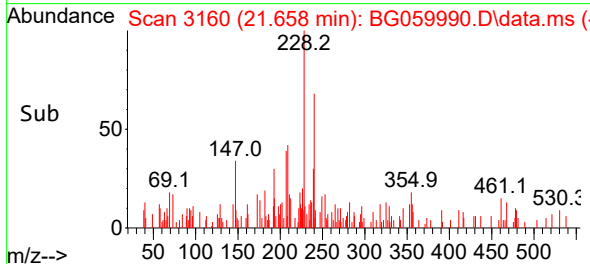
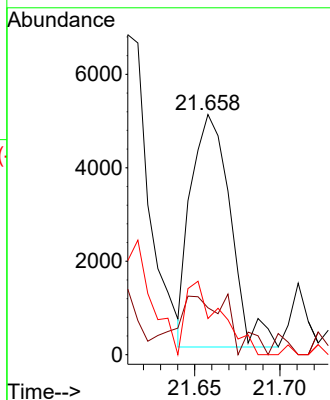
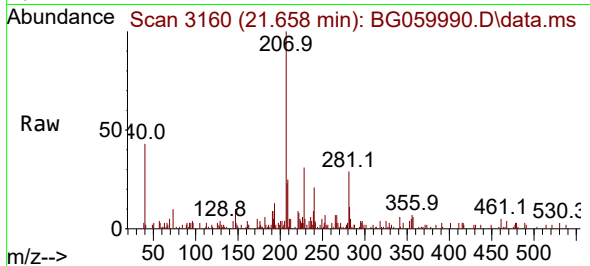




#83
 Chrysene
 Concen: 0.063 ng
 RT: 21.658 min Scan# 3162
 Delta R.T. -0.010 min
 Lab File: BG059990.D
 Acq: 7 Dec 2023 17:22

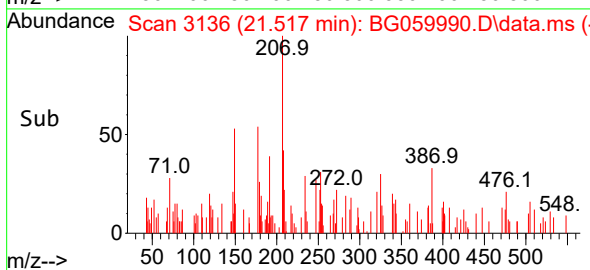
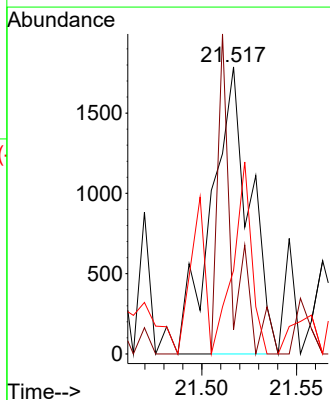
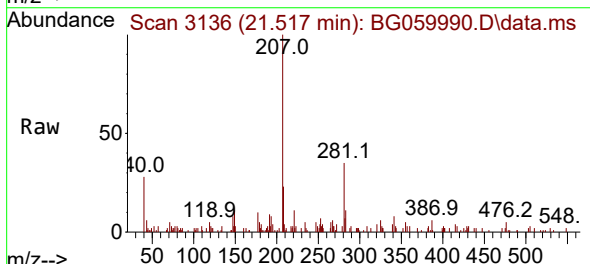
Instrument :
 BNA_G
 ClientSampleId :
 PB157585BL

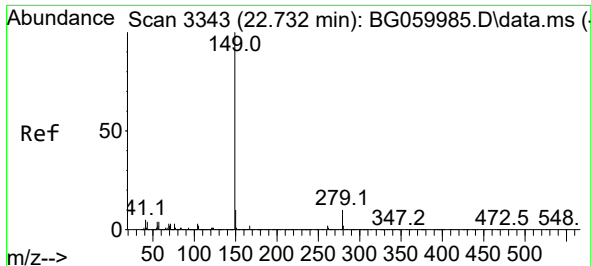
Tgt Ion:228 Resp: 8047
 Ion Ratio Lower Upper
 228 100
 226 19.5 28.2 42.4#
 229 15.1 19.4 29.0#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.084 ng
 RT: 21.517 min Scan# 3136
 Delta R.T. -0.004 min
 Lab File: BG059990.D
 Acq: 7 Dec 2023 17:22

Tgt Ion:149 Resp: 2498
 Ion Ratio Lower Upper
 149 100
 167 8.4 24.0 36.0#
 279 29.1 7.8 11.8#

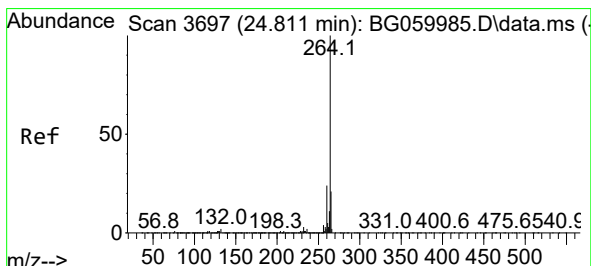
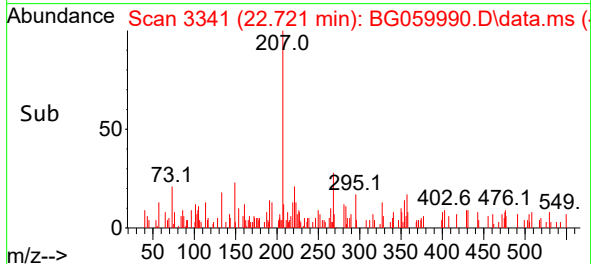
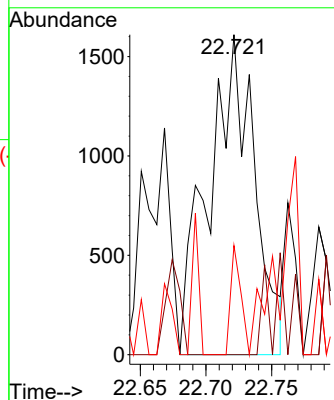
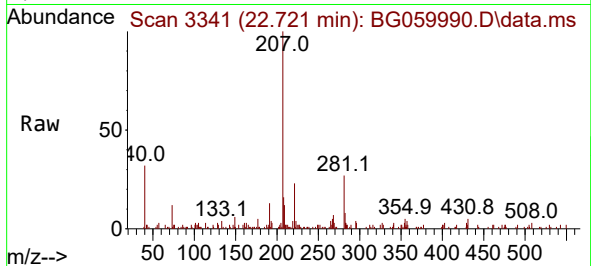




#85
Di-n-octyl phthalate
Concen: 0.076 ng
RT: 22.721 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

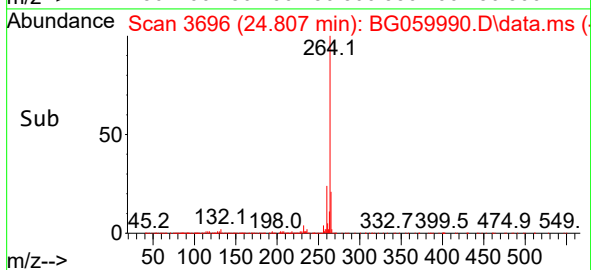
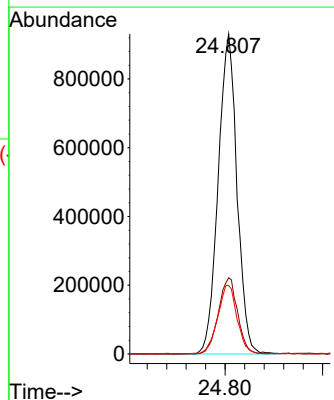
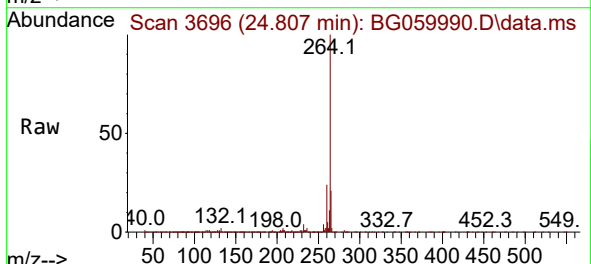
Instrument :
BNA_G
ClientSampleId :
PB157585BL

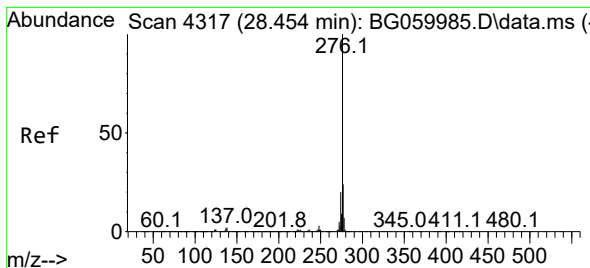
Tgt Ion:149 Resp: 3894
Ion Ratio Lower Upper
149 100
167 0.0 1.5 2.3#
43 7.6 4.2 6.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.807 min Scan# 3696
Delta R.T. -0.004 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion:264 Resp: 2495544
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 21.4 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 0.017 ng

RT: 28.438 min Scan# 41

Delta R.T. -0.016 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

Instrument :

BNA_G

ClientSampleId :

PB157585BL

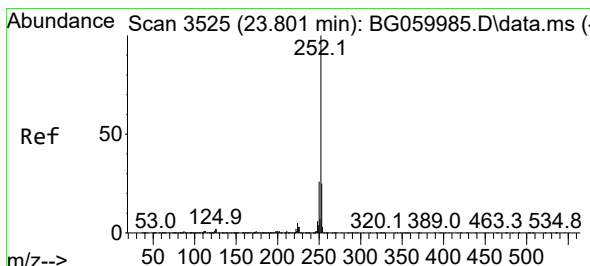
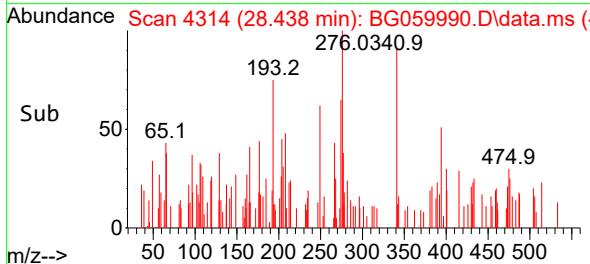
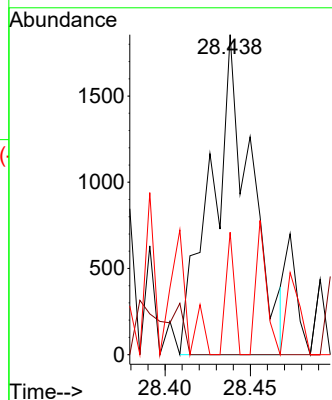
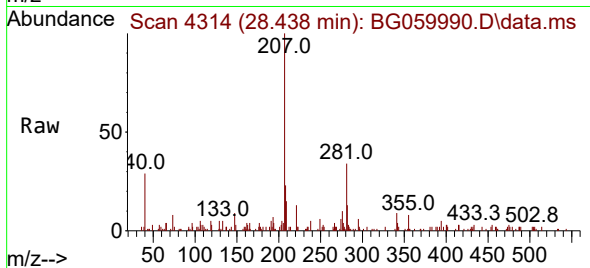
Tgt Ion:276 Resp: 3002

Ion Ratio Lower Upper

276 100

138 0.0 1.3 1.9#

277 8.3 20.3 30.5#



#88

Benzo(b)fluoranthene

Concen: 0.034 ng

RT: 23.796 min Scan# 3524

Delta R.T. -0.004 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

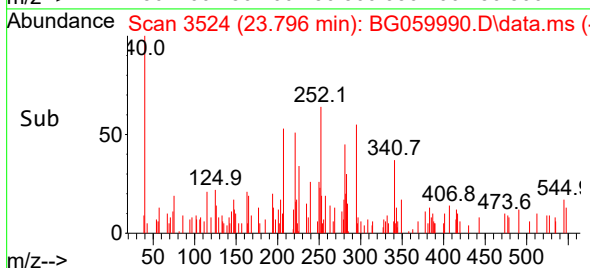
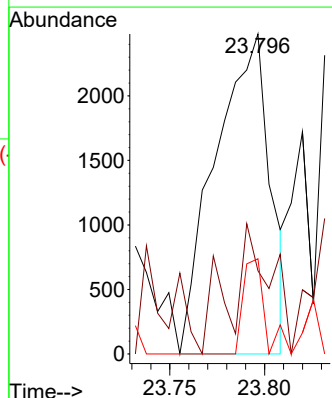
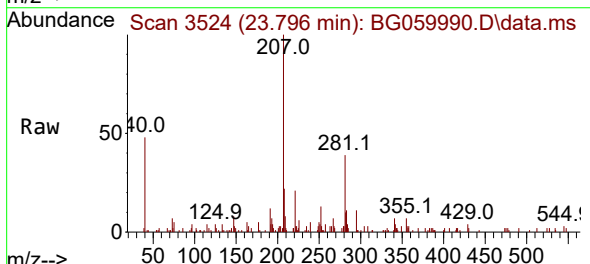
Tgt Ion:252 Resp: 4982

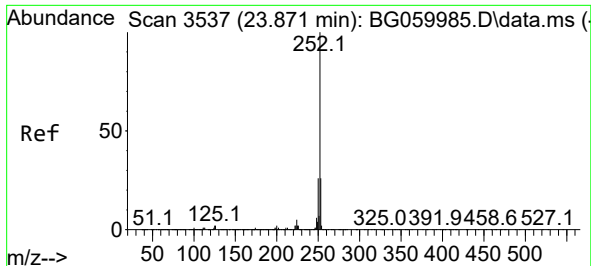
Ion Ratio Lower Upper

252 100

253 26.0 19.6 29.4

125 29.8 1.2 1.8#

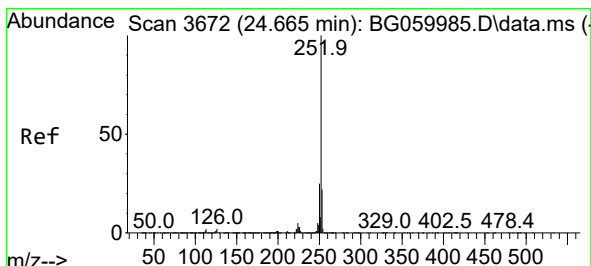
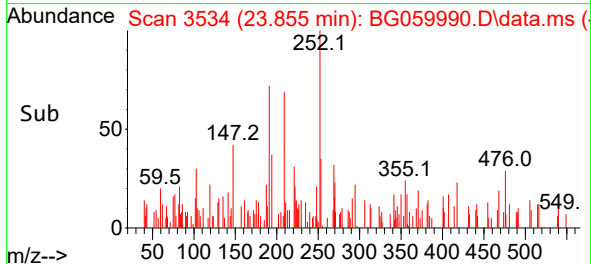
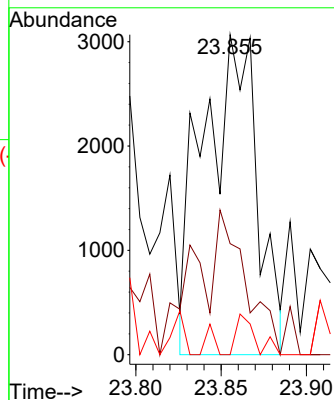
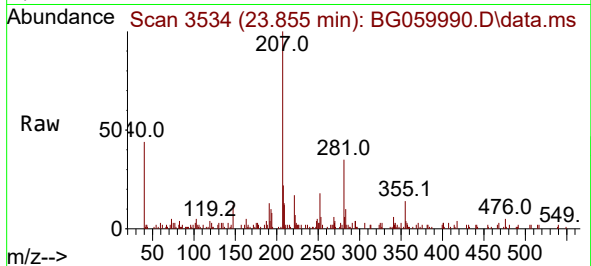




#89
Benzo(k)fluoranthene
Concen: 0.048 ng
RT: 23.855 min Scan# 31
Delta R.T. -0.016 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

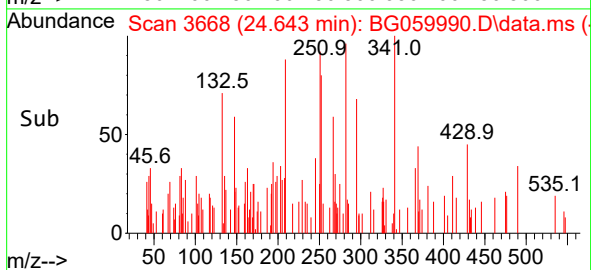
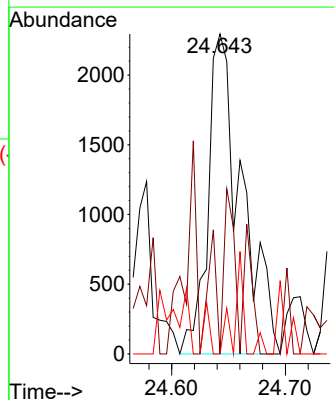
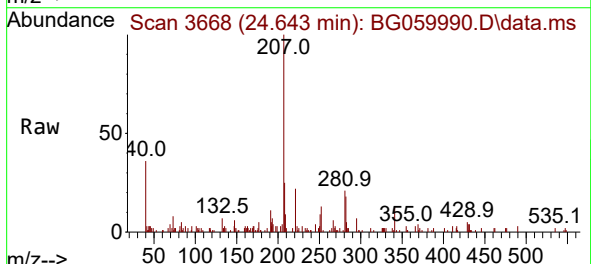
Instrument :
BNA_G
ClientSampleId :
PB157585BL

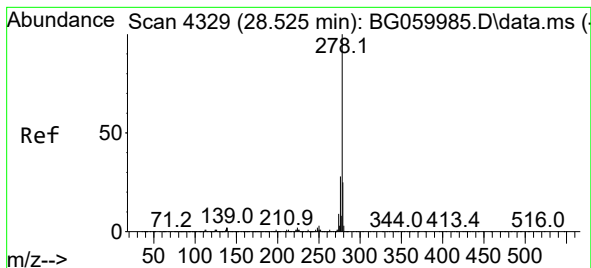
Tgt Ion:252 Resp: 6767
Ion Ratio Lower Upper
252 100
253 34.7 19.8 29.6#
125 0.0 1.3 1.9#



#90
Benzo(a)pyrene
Concen: 0.036 ng
RT: 24.643 min Scan# 3668
Delta R.T. -0.022 min
Lab File: BG059990.D
Acq: 7 Dec 2023 17:22

Tgt Ion:252 Resp: 4714
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.0#
125 0.0 1.0 1.6#





#91

Dibenzo(a,h)anthracene

Concen: 0.017 ng

RT: 28.503 min Scan# 41

Delta R.T. -0.022 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

Instrument :

BNA_G

ClientSampleId :

PB157585BL

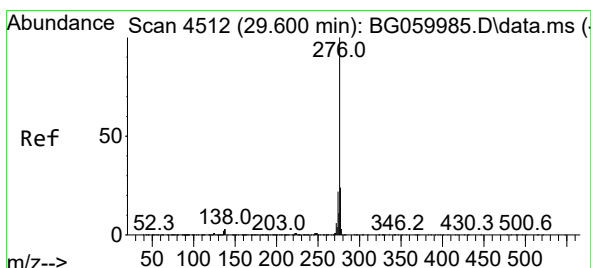
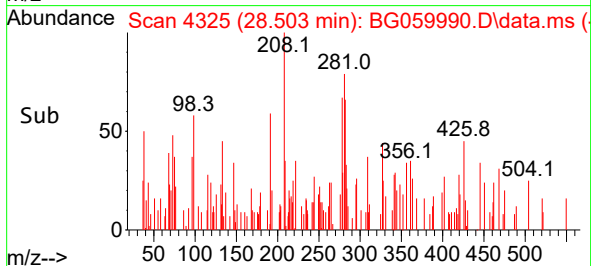
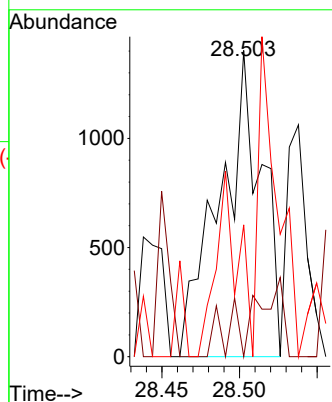
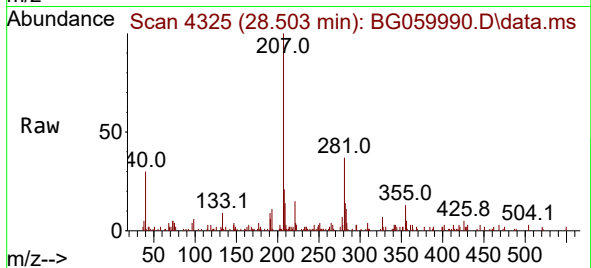
Tgt Ion:278 Resp: 2623

Ion Ratio Lower Upper

278 100

139 0.0 1.9 2.9#

279 43.1 20.2 30.2#



#92

Benzo(g,h,i)perylene

Concen: 0.005 ng

RT: 29.596 min Scan# 4511

Delta R.T. -0.004 min

Lab File: BG059990.D

Acq: 7 Dec 2023 17:22

Tgt Ion:276 Resp: 682

Ion Ratio Lower Upper

276 100

277 21.2 19.3 28.9

138 23.9 2.2 3.2#

