

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062122\
 Data File : BG053972.D
 Acq On : 21 Jun 2022 10:55
 Operator : CG/JU
 Sample : PB145611BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 21 23:06:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 15:29:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	19903	20.000	ng/u1	0.00
20) Naphthalene-d8	10.885	136	80495	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.704	164	61507	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.442	188	162283	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.719	240	175807	20.000	ng/u1	# 0.00
88) Perylene-d12	24.974	264	182128	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.499	96	2497	5.969	ng/uL	0.00
4) Pyridine-d5	3.911	84	36387	31.981	ng/u1	0.00
7) Phenol-d5	7.230	99	45874	32.173	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.401	67	27920	32.461	ng/u1	0.00
11) 2-Chlorophenol-d4	7.612	132	37726	33.179	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	38402	31.587	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	18433	30.851	ng/u1	0.00
24) 2-Nitrophenol-d4	9.962	143	21610	34.041	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.503	165	45475	32.377	ng/u1	0.00
31) 4-Chloroaniline-d4	11.014	131	51626	29.095	ng/u1	0.00
46) Dimethylphthalate-d6	14.099	166	156809	32.407	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	168648	32.053	ng/u1	0.00
54) 4-Nitrophenol-d4	14.886	143	21918	33.082	ng/u1	0.00
60) Fluorene-d10	15.691	176	139131	32.011	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	29792	33.653	ng/u1	0.00
73) Anthracene-d10	17.548	188	236750	32.303	ng/u1	0.00
81) Pyrene-d10	19.827	212	308989	33.709	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.757	264	302752	32.932	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.535	88	5852	12.820	ng/uL#	82
5) Pyridine	3.934	79	37845	32.074	ng/u1	89
6) Benzaldehyde	7.213	77	30226	41.628	ng/u1	98
8) Phenol	7.260	94	48746	32.764	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.489	93	35675	31.656	ng/u1	93
12) 2-Chlorophenol	7.642	128	38077	32.799	ng/u1	96
13) 2-Methylphenol	8.511	108	36594	31.686	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.605	45	54441	32.522	ng/u1	98
16) Acetophenone	8.899	105	60031	31.927	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.881	70	31457	32.820	ng/u1	95
18) 4-Methylphenol	8.840	108	40490	32.773	ng/u1	98
19) Hexachloroethane	9.169	117	15671	31.856	ng/u1	97
22) Nitrobenzene	9.281	77	44258	31.099	ng/u1#	87
23) Isophorone	9.804	82	86337	31.290	ng/u1	96
25) 2-Nitrophenol	9.992	139	22344	33.566	ng/u1	93
26) 2,4-Dimethylphenol	10.050	107	44275	30.459	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.286	93	49918	32.136	ng/u1	98
29) 2,4-Dichlorophenol	10.526	162	44405	31.615	ng/u1	92
30) Naphthalene	10.938	128	122966	30.795	ng/u1	99
32) 4-Chloroaniline	11.038	127	51537	29.290	ng/u1	99
33) Hexachlorobutadiene	11.226	225	40703	29.669	ng/u1	92
34) Caprolactam	11.790	113	9338	22.279	ng/u1	84
35) 4-Chloro-3-methylphenol	12.154	107	43475	32.187	ng/u1	94
36) 2-Methylnaphthalene	12.536	142	88531	29.971	ng/u1	96

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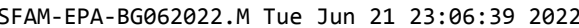
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 ClientSampleId :

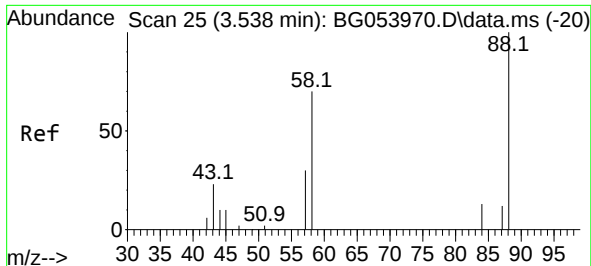
Quant Time: Jun 21 23:06:36 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.753	142	90948	30.874	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.906	216	75639	30.255	ng/ul	96
40) Hexachlorocyclopentadiene	12.888	237	38952	27.780	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.141	196	43147	33.252	ng/ul	93
42) 2,4,5-Trichlorophenol	13.211	196	48141	32.818	ng/ul	100
43) 1,1'-Biphenyl	13.535	154	133759	31.377	ng/ul	100
44) 2-Chloronaphthalene	13.582	162	107438	30.348	ng/ul	97
45) 2-Nitroaniline	13.776	65	30764	34.542	ng/ul	99
47) Dimethylphthalate	14.152	163	145387	31.261	ng/ul	99
48) 2,6-Dinitrotoluene	14.269	165	31233	33.392	ng/ul	93
50) Acenaphthylene	14.428	152	171160	31.681	ng/ul	98
51) 3-Nitroaniline	14.598	138	26611	35.047	ng/ul#	89
52) Acenaphthene	14.769	153	114636	31.775	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	12805	29.552	ng/ul#	62
55) 4-Nitrophenol	14.898	109	19997	30.790	ng/ul	96
56) Dibenzofuran	15.098	168	174815	31.669	ng/ul	96
57) 2,4-Dinitrotoluene	15.056	165	45511	33.543	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.321	232	44914	35.236	ng/ul#	96
59) Diethylphthalate	15.509	149	146849	32.203	ng/ul	99
61) Fluorene	15.750	166	142457	31.686	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.738	204	88279	30.882	ng/ul	92
63) 4-Nitroaniline	15.756	138	26913	36.862	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.820	198	28253	33.247	ng/ul	98
67) N-Nitrosodiphenylamine	15.949	169	130944	33.005	ng/ul	99
68) 4-Bromophenyl-phenylether	16.631	248	64702	32.098	ng/ul	93
69) Hexachlorobenzene	16.754	284	73346	31.045	ng/ul#	92
70) Atrazine	16.890	200	61990	31.811	ng/ul	96
71) Pentachlorophenol	17.095	266	34712	34.664	ng/ul	91
72) Phenanthrene	17.489	178	258521	32.154	ng/ul	98
74) Anthracene	17.577	178	257564	31.787	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.505	216	81618	29.528	ng/uL	97
76) Pentachlorobenzene	15.021	250	79682	31.344	ng/uL	99
77) Carbazole	17.841	167	219664	32.881	ng/ul	99
78) Di-n-butylphthalate	18.405	149	253605	33.343	ng/ul	99
80) Fluoranthene	19.492	202	338792	33.108	ng/ul#	94
82) Pyrene	19.857	202	333674	32.798	ng/ul#	96
83) Butylbenzylphthalate	20.738	149	107415	35.034	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.613	252	130523	35.875	ng/ul	99
85) Benzo(a)anthracene	21.702	228	354428	32.707	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.608	149	156598	34.953	ng/ul	98
87) Chrysene	21.766	228	334547	32.180	ng/ul	99
89) Di-n-octyl phthalate	22.836	149	270995	34.646	ng/ul	100
90) Benzo(b)fluoranthene	23.946	252	370372	32.934	ng/ul#	98
91) Benzo(k)fluoranthene	23.946	252	370372	34.395	ng/ul	98
93) Benzo(a)pyrene	24.827	252	355617	32.827	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.699	276	432153	33.157	ng/ul	98
95) Dibenzo(a,h)anthracene	28.764	278	365128	33.288	ng/ul#	98
96) Benzo(g,h,i)perylene	29.868	276	365707	33.232	ng/ul#	96

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

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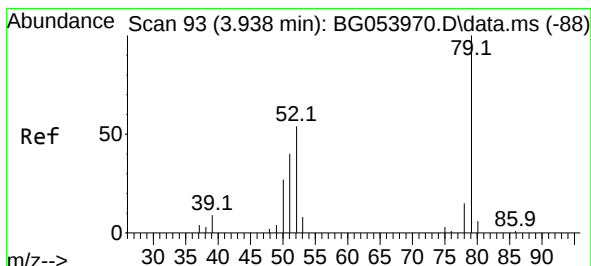
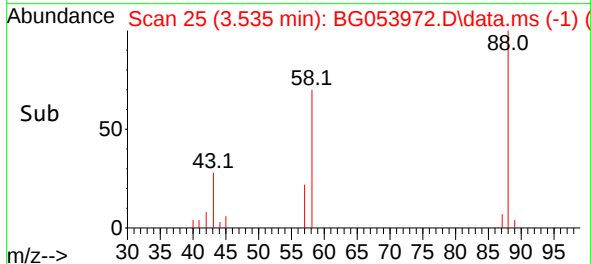
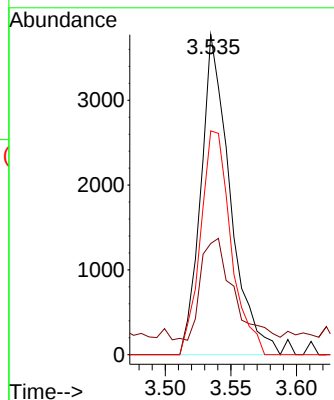
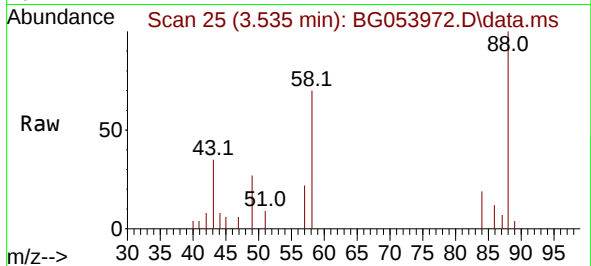




#2
1,4-Dioxane
Concen: 12.820 ng/uL
RT: 3.535 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053972.D
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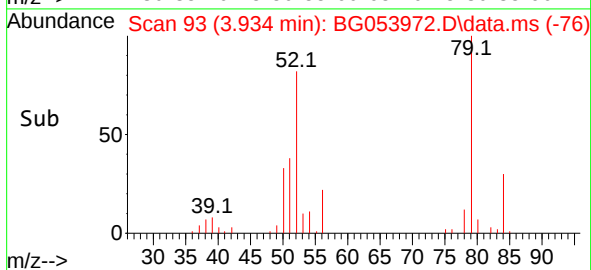
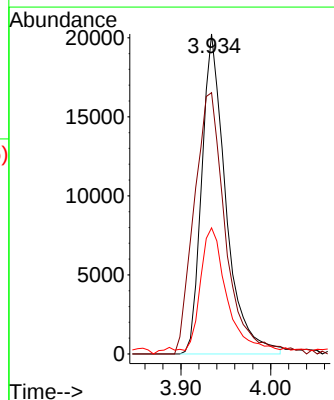
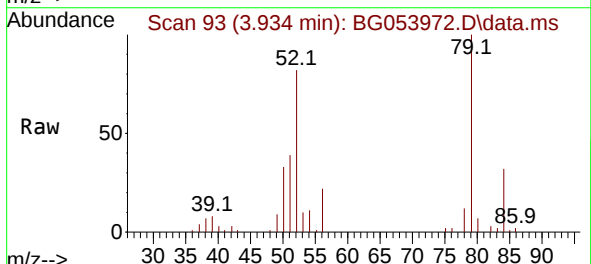
Instrument :
BNA_G
ClientSampleId :

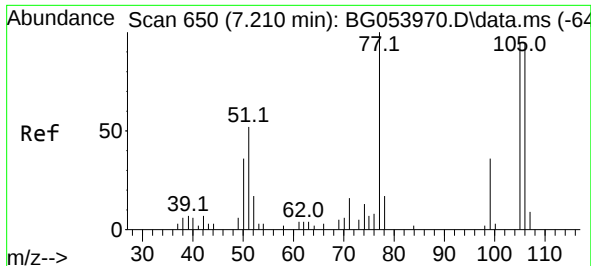
Tgt Ion: 88 Resp: 5852
Ion Ratio Lower Upper
88 100
43 34.7 48.1 72.1#
58 69.9 59.8 89.6



#5
Pyridine
Concen: 32.074 ng/uL
RT: 3.934 min Scan# 93
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Tgt Ion: 79 Resp: 37845
Ion Ratio Lower Upper
79 100
52 81.7 75.4 113.2
51 39.4 35.2 52.8

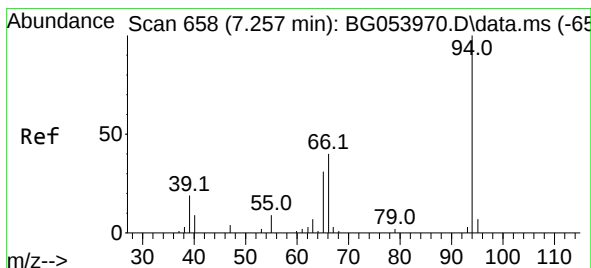
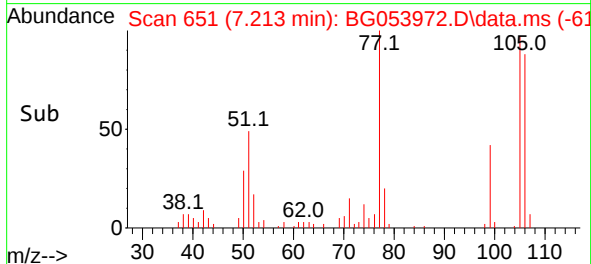
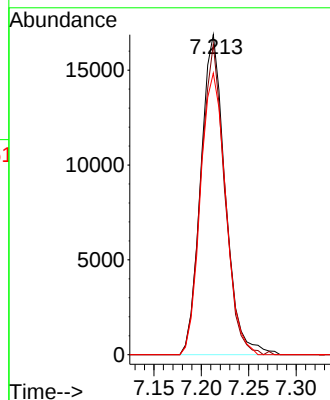
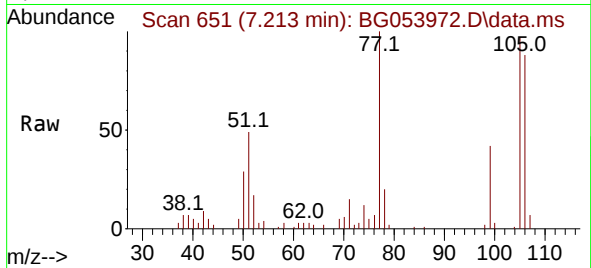




#6
Benzaldehyde
Concen: 41.628 ng/ul
RT: 7.213 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

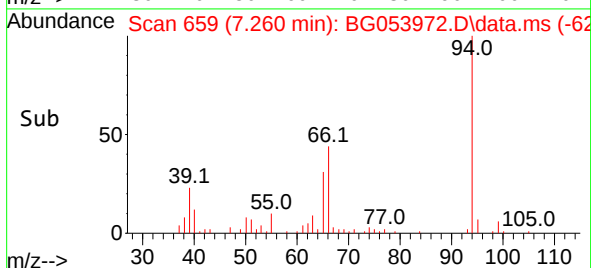
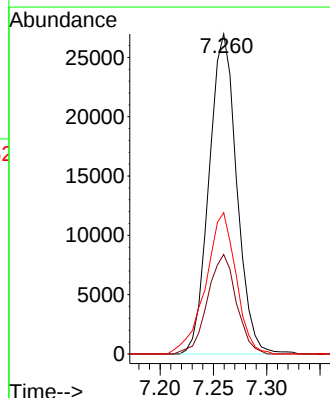
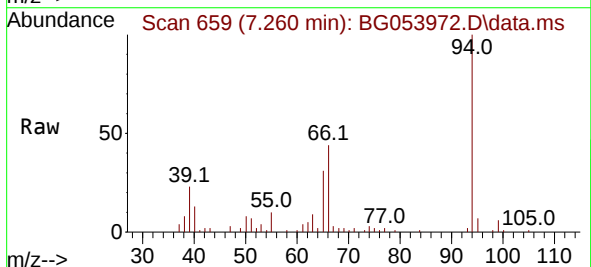
Instrument :
BNA_G
ClientSampleId :

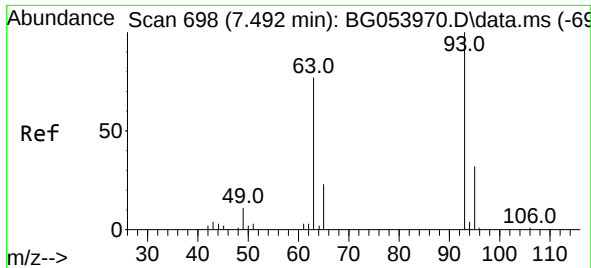
Tgt Ion: 77 Resp: 30226
Ion Ratio Lower Upper
77 100
105 97.0 79.7 119.5
106 88.0 71.0 106.4



#8
Phenol
Concen: 32.764 ng/ul
RT: 7.260 min Scan# 659
Delta R.T. 0.005 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

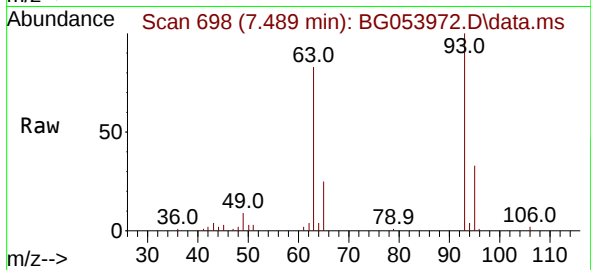
Tgt Ion: 94 Resp: 48746
Ion Ratio Lower Upper
94 100
65 31.1 24.1 36.1
66 44.1 32.5 48.7



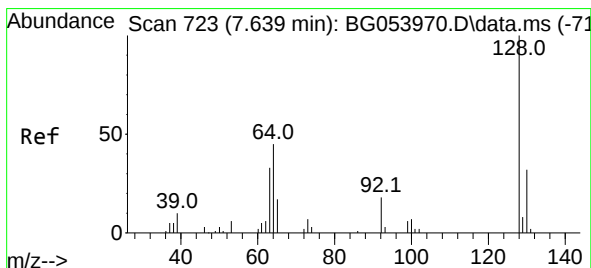
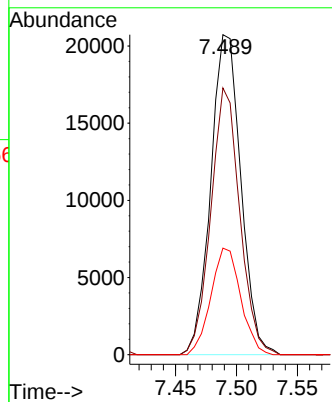
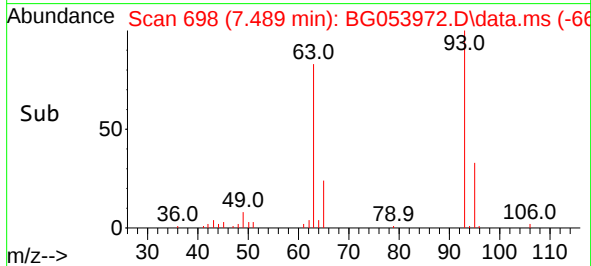


#10
Bis(2-Chloroethyl)ether
Concen: 31.656 ng/ul
RT: 7.489 min Scan# 698
Delta R.T. -0.007 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

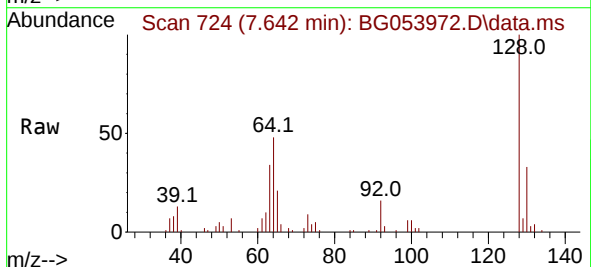
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ClientSampleId :



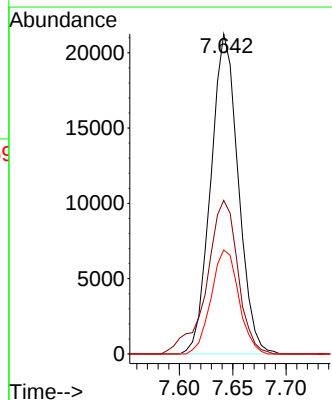
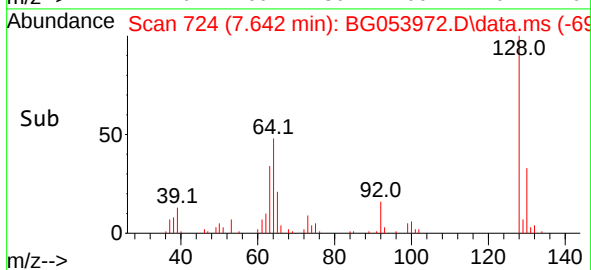
Tgt Ion: 93 Resp: 35675
Ion Ratio Lower Upper
93 100
63 83.4 72.3 108.5
95 33.3 29.4 44.0

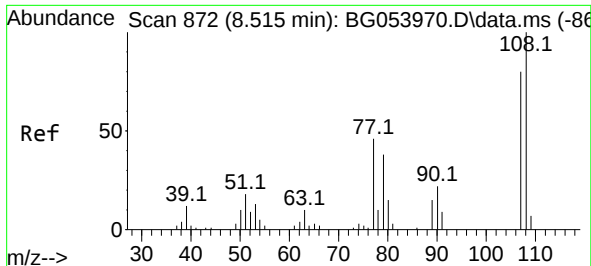


#12
2-Chlorophenol
Concen: 32.799 ng/ul
RT: 7.642 min Scan# 724
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55



Tgt Ion: 128 Resp: 38077
Ion Ratio Lower Upper
128 100
64 48.0 41.4 62.2
130 32.5 27.0 40.6





#13

2-Methylphenol

Concen: 31.686 ng/ul

RT: 8.511 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG053972.D

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Instrument :

BNA_G

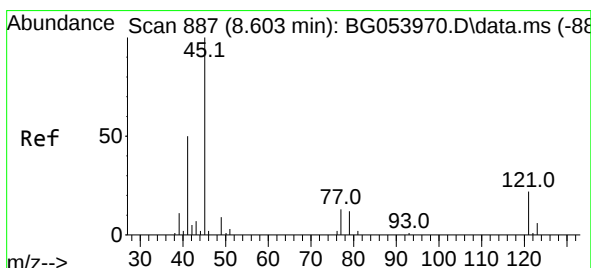
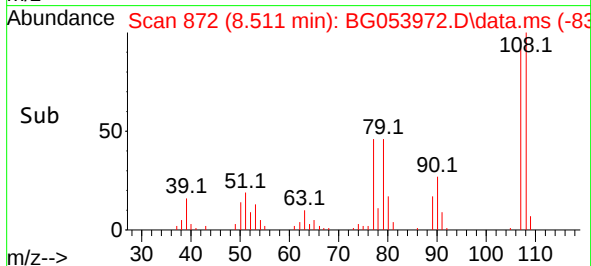
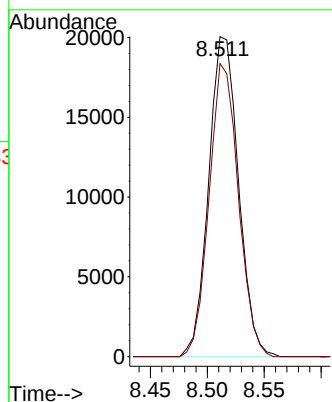
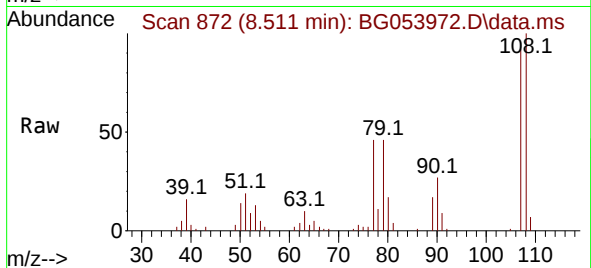
ClientSampleId :

Tgt Ion:108 Resp: 36594

Ion Ratio Lower Upper

108 100

107 91.6 75.8 113.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 32.522 ng/ul

RT: 8.605 min Scan# 888

Delta R.T. -0.001 min

Lab File: BG053972.D

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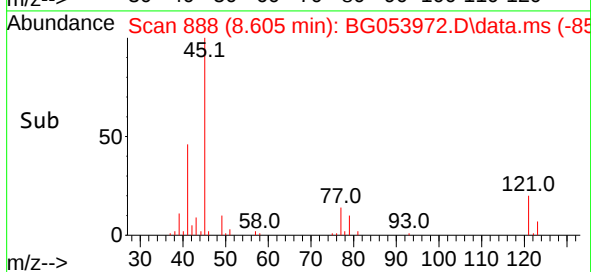
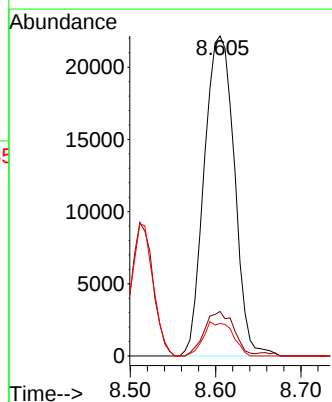
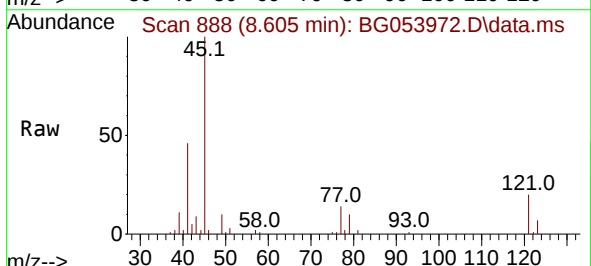
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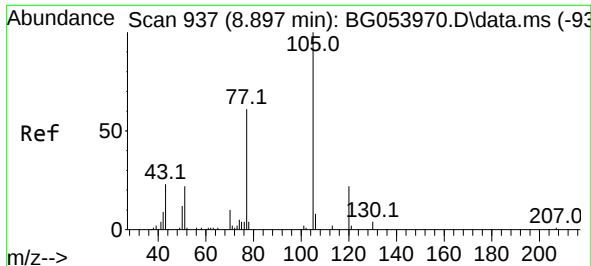
Ion Ratio Lower Upper

45 100

77 13.9 10.2 15.4

79 10.1 8.1 12.1

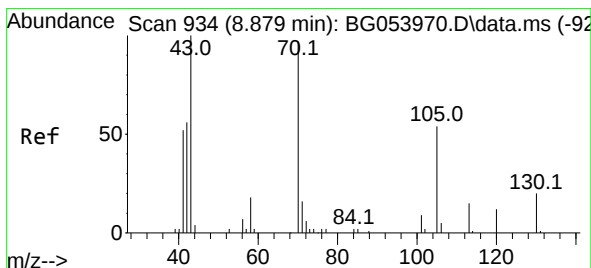
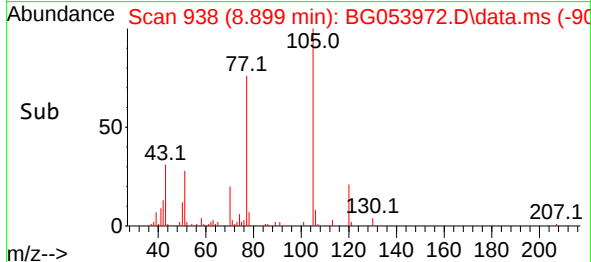
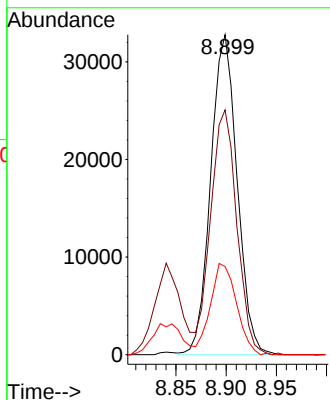
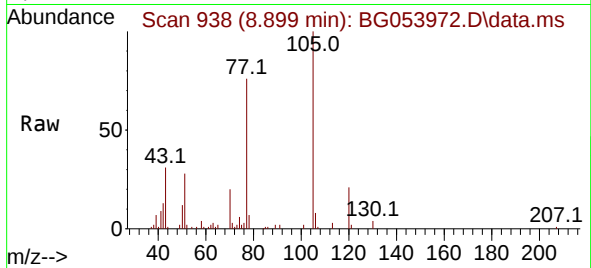




#16
Acetophenone
Concen: 31.927 ng/ul
RT: 8.899 min Scan# 91
Delta R.T. -0.001 min
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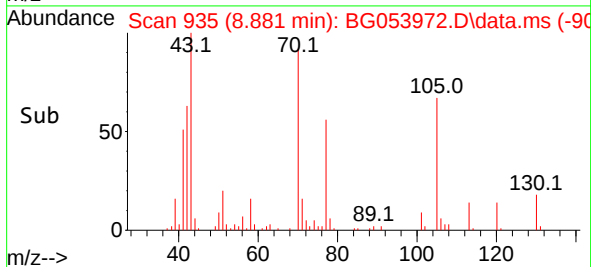
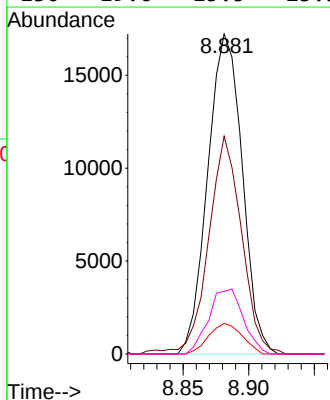
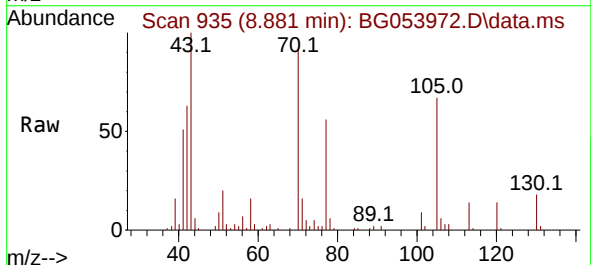
Instrument :
BNA_G
ClientSampleId :

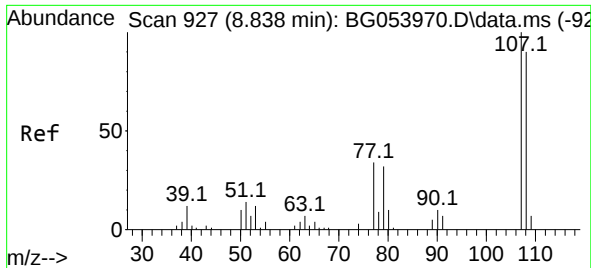
Tgt Ion:105 Resp: 60031
Ion Ratio Lower Upper
105 100
77 76.5 61.0 91.6
51 27.5 22.8 34.2



#17
N-Nitroso-di-n-propylamine
Concen: 32.820 ng/ul
RT: 8.881 min Scan# 935
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Tgt Ion: 70 Resp: 31457
Ion Ratio Lower Upper
70 100
42 68.0 50.2 75.4
101 9.6 7.1 10.7
130 19.6 15.5 23.3

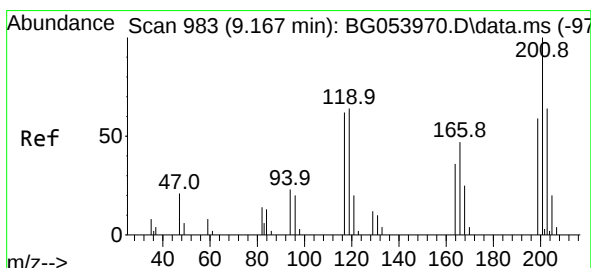
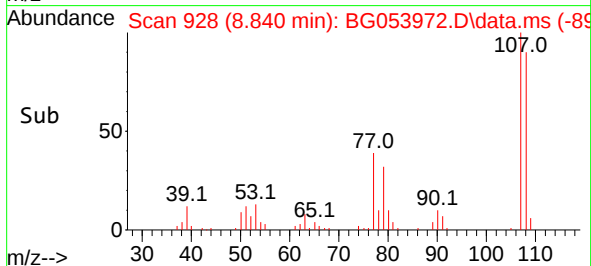
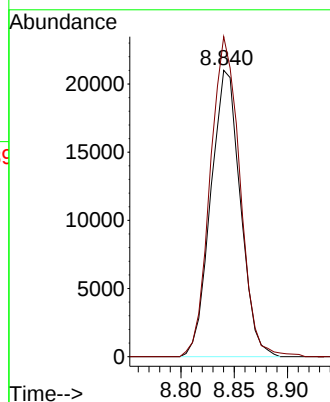
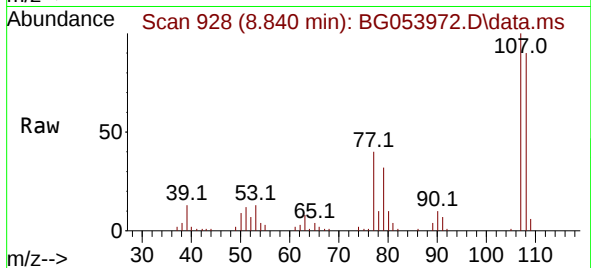




#18
4-Methylphenol
Concen: 32.773 ng/ul
RT: 8.840 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

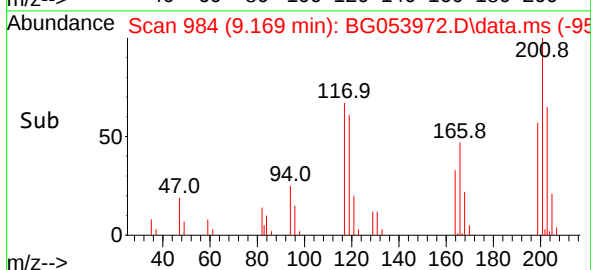
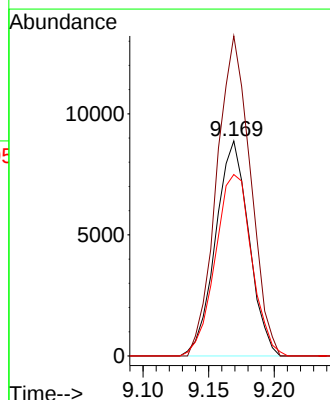
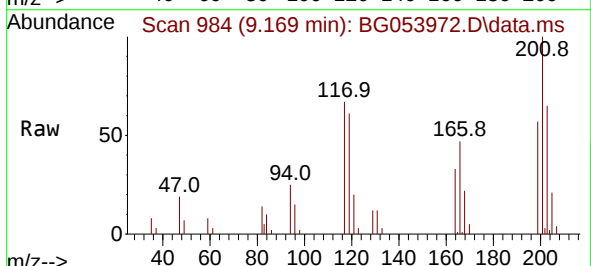
Instrument :
BNA_G
ClientSampleId :

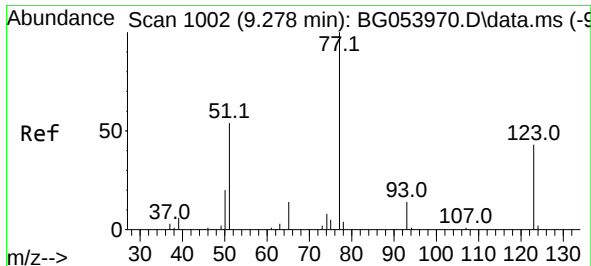
Tgt Ion:108 Resp: 40490
Ion Ratio Lower Upper
108 100
107 111.7 90.7 136.1



#19
Hexachloroethane
Concen: 31.856 ng/ul
RT: 9.169 min Scan# 984
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Tgt Ion:117 Resp: 15671
Ion Ratio Lower Upper
117 100
201 148.8 117.4 176.0
199 84.3 64.0 96.0

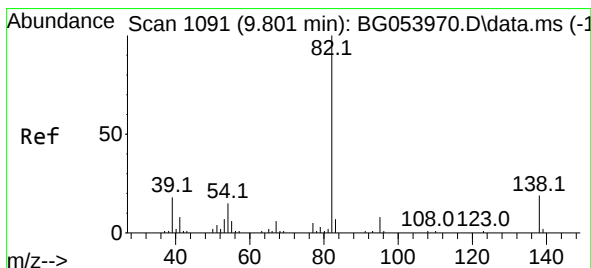
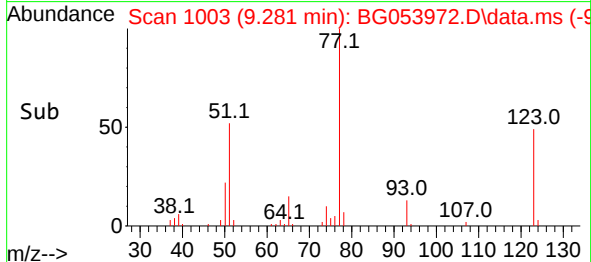
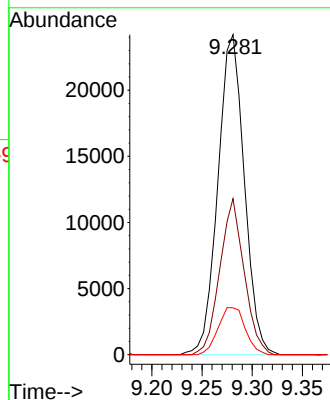
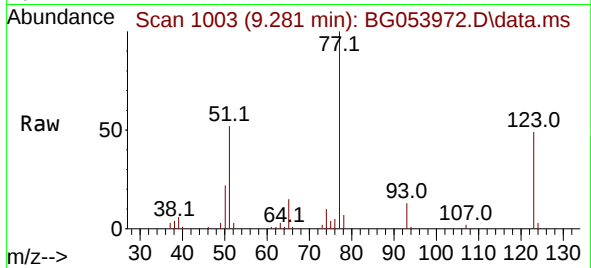




#22
Nitrobenzene
Concen: 31.099 ng/ul
RT: 9.281 min Scan# 1003
Delta R.T. 0.005 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

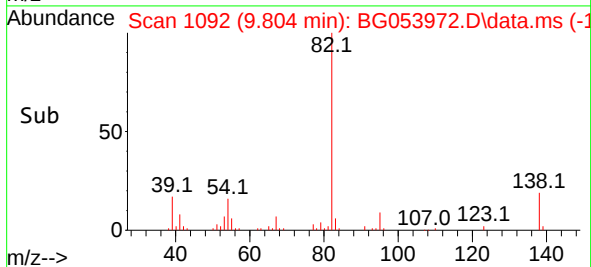
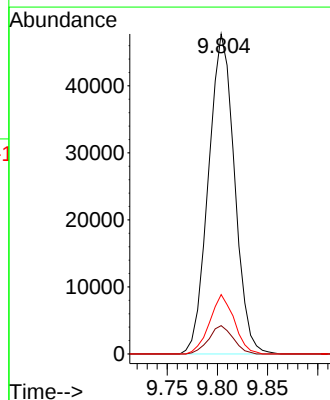
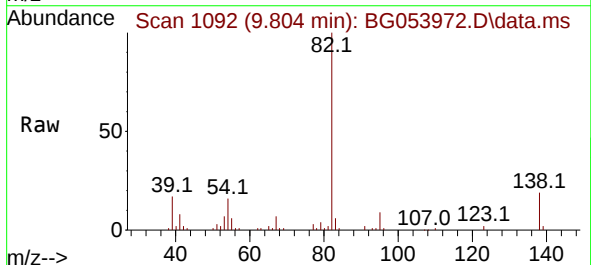
Instrument :
BNA_G
ClientSampleId :

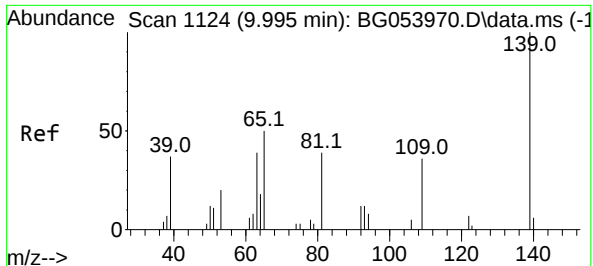
Tgt Ion: 77 Resp: 44258
Ion Ratio Lower Upper
77 100
123 48.8 31.2 46.8#
65 14.7 10.5 15.7



#23
Isophorone
Concen: 31.290 ng/ul
RT: 9.804 min Scan# 1092
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Tgt Ion: 82 Resp: 86337
Ion Ratio Lower Upper
82 100
95 8.9 6.1 9.1
138 18.6 13.6 20.4

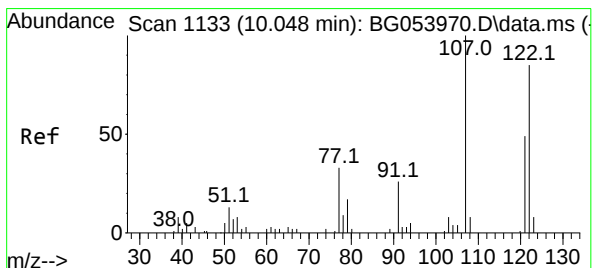
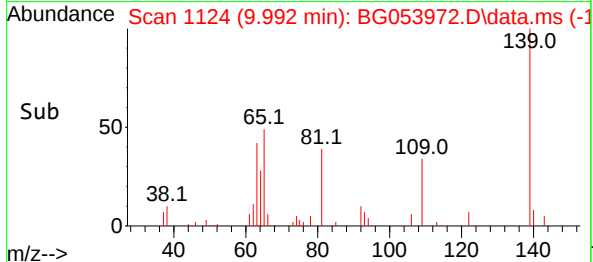
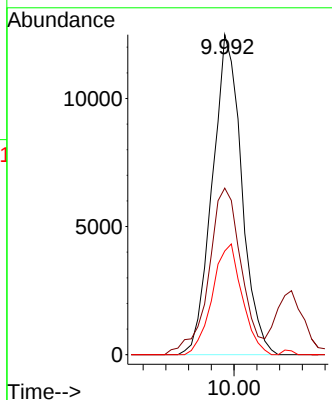
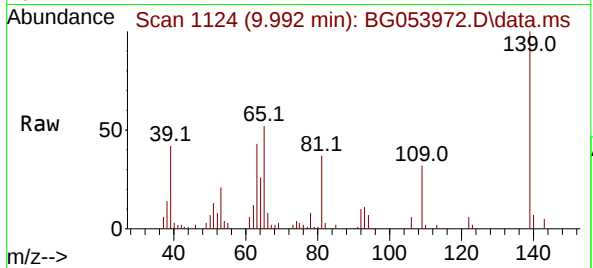




#25
2-Nitrophenol
Concen: 33.566 ng/ul
RT: 9.992 min Scan# 1124
Delta R.T. -0.007 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

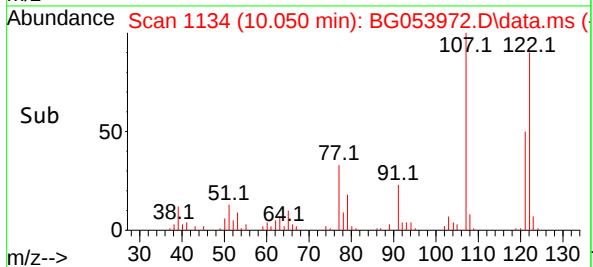
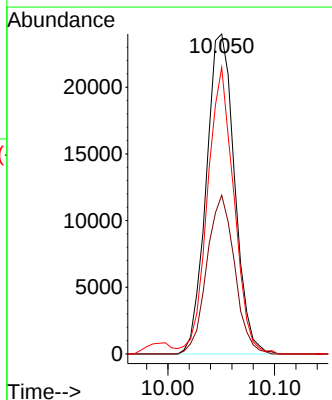
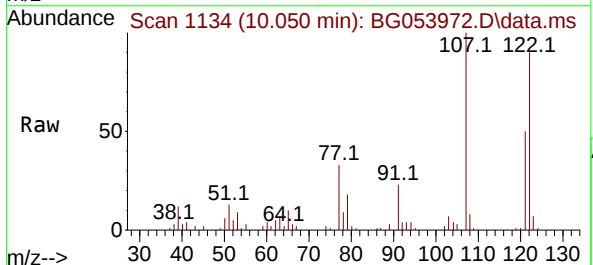
Instrument :
BNA_G
ClientSampleId :

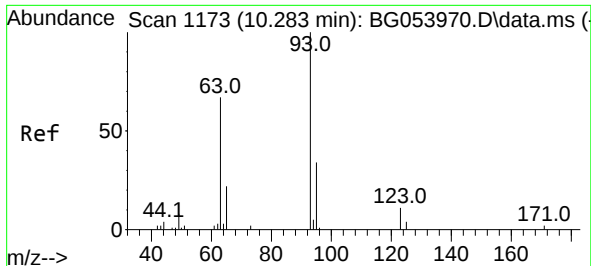
Tgt Ion:139 Resp: 22344
Ion Ratio Lower Upper
139 100
65 52.0 47.7 71.5
109 32.4 27.1 40.7



#26
2,4-Dimethylphenol
Concen: 30.459 ng/ul
RT: 10.050 min Scan# 1134
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Tgt Ion:107 Resp: 44275
Ion Ratio Lower Upper
107 100
121 49.6 39.9 59.9
122 89.5 66.7 100.1





#27

Bis(2-Chloroethoxy)methane

Concen: 32.136 ng/ul

RT: 10.286 min Scan# 1174

Delta R.T. -0.001 min

Lab File: BG053972.D

Acq: 21 Jun 2022 10:55

Instrument :

BNA_G

ClientSampleId :

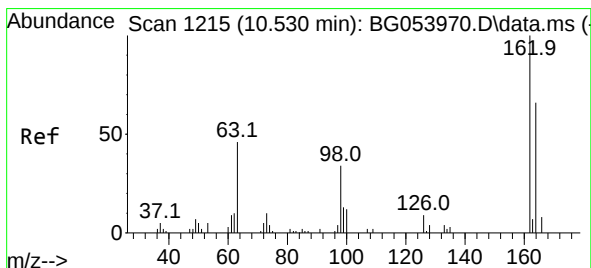
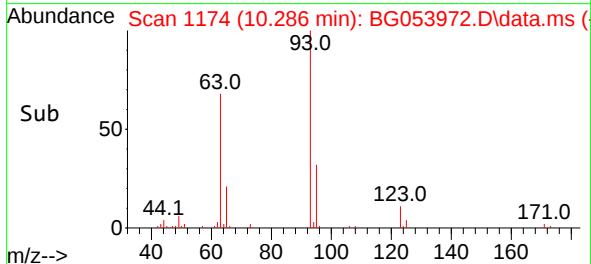
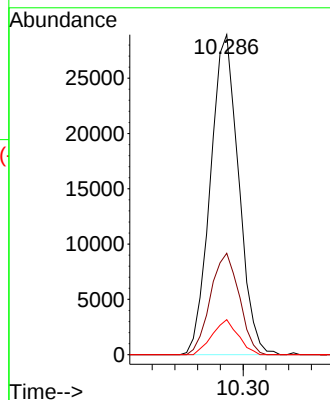
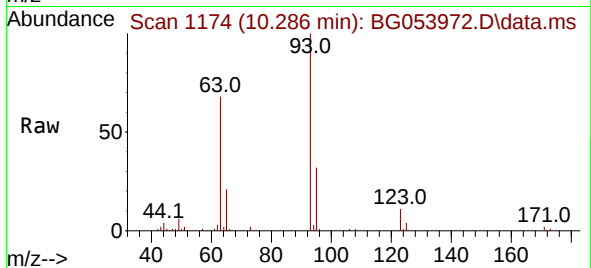
Tgt Ion: 93 Resp: 49918

Ion Ratio Lower Upper

93 100

95 31.7 26.5 39.7

123 10.9 8.8 13.2



#29

2,4-Dichlorophenol

Concen: 31.615 ng/ul

RT: 10.526 min Scan# 1215

Delta R.T. -0.007 min

Lab File: BG053972.D

Acq: 21 Jun 2022 10:55

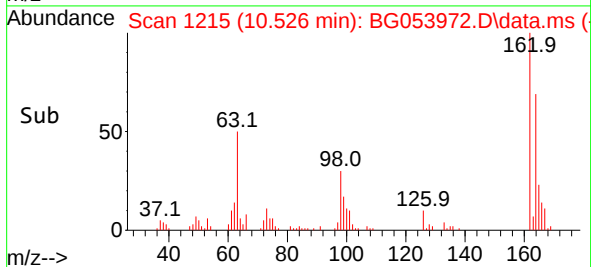
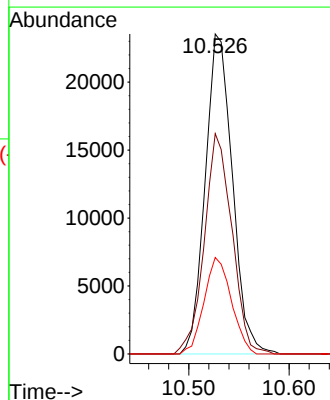
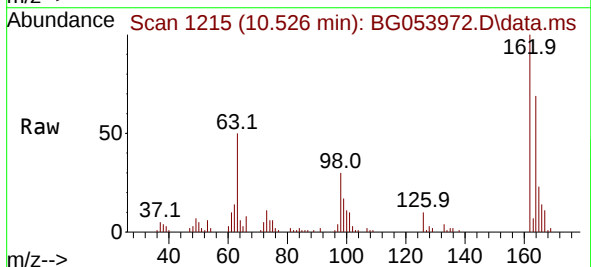
Tgt Ion:162 Resp: 44405

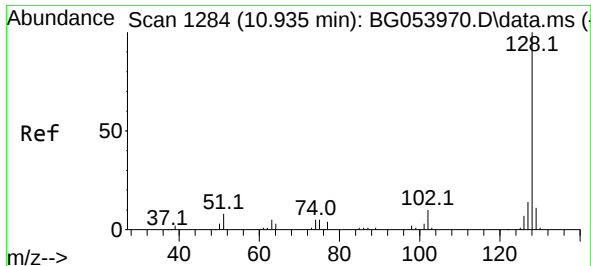
Ion Ratio Lower Upper

162 100

164 68.9 50.9 76.3

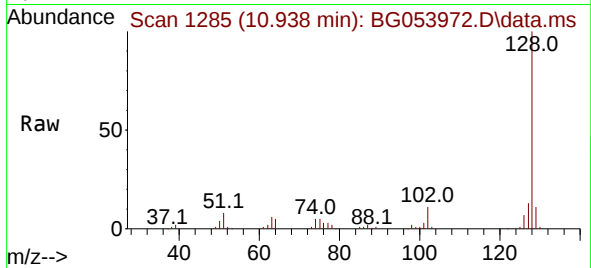
98 30.2 28.5 42.7



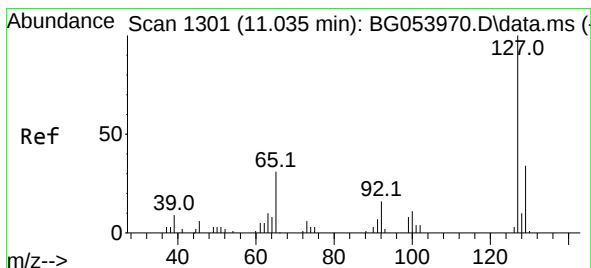
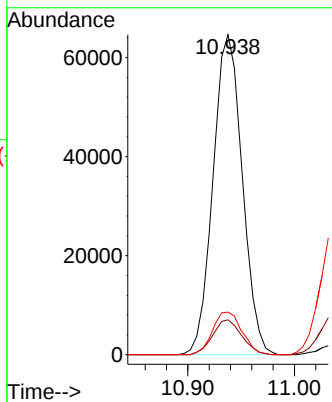
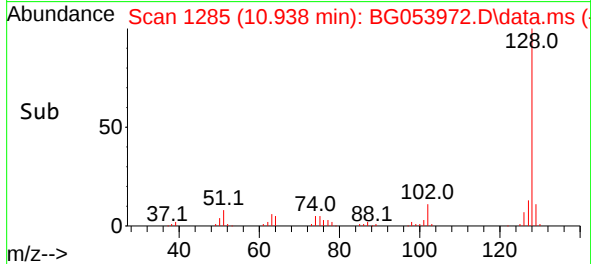


#30
Naphthalene
Concen: 30.795 ng/ul
RT: 10.938 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Instrument :
BNA_G
ClientSampleId :

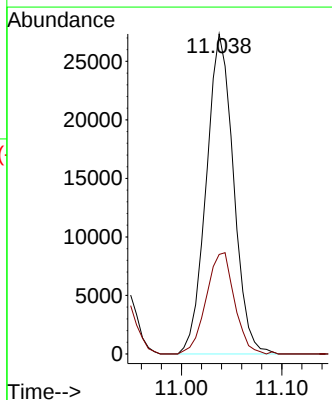
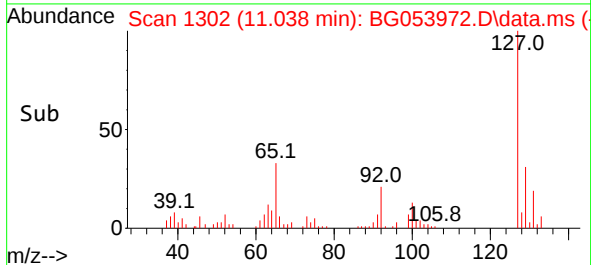
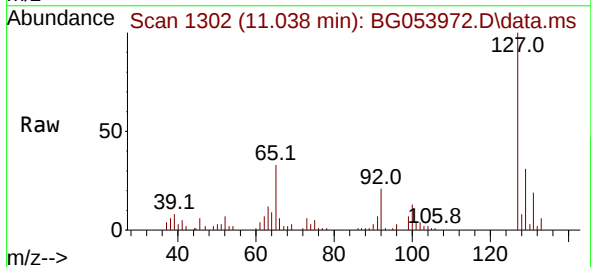


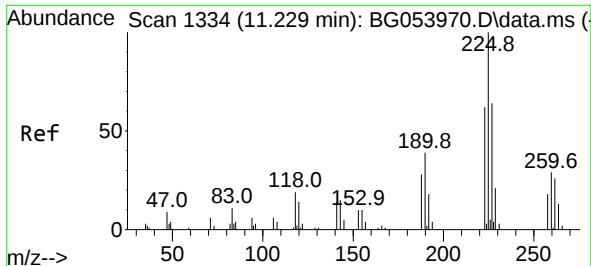
Tgt Ion:128 Resp: 122966
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.3 11.1 16.7



#32
4-Chloroaniline
Concen: 29.290 ng/ul
RT: 11.038 min Scan# 1302
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

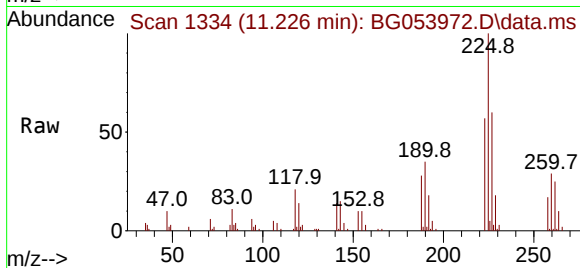
Tgt Ion:127 Resp: 51537
Ion Ratio Lower Upper
127 100
129 31.1 25.4 38.2



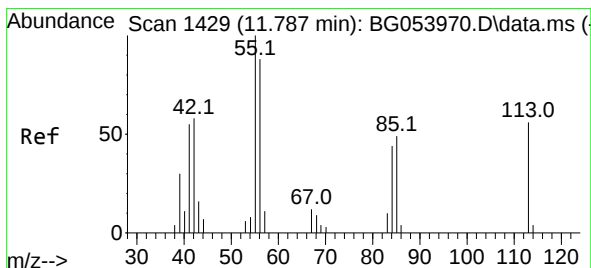
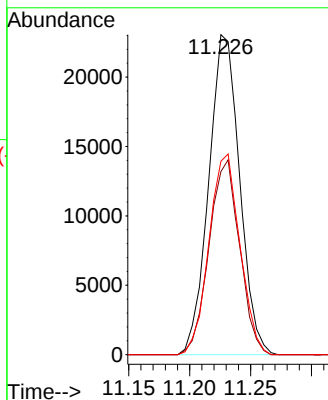
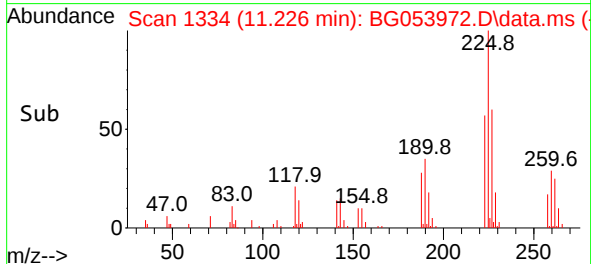


#33
Hexachlorobutadiene
Concen: 29.669 ng/ul
RT: 11.226 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Instrument :
BNA_G
ClientSampleId :

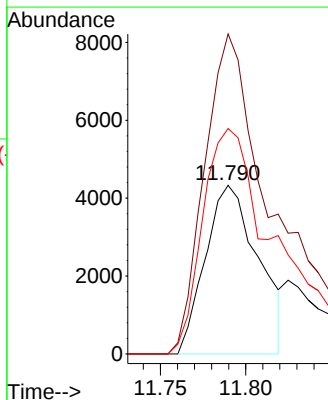
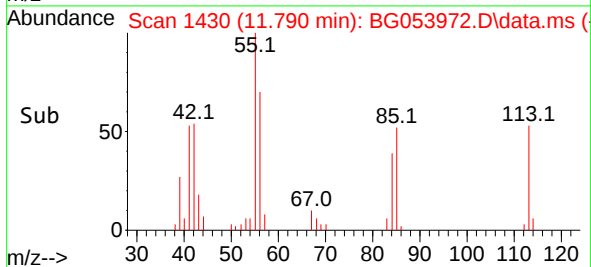
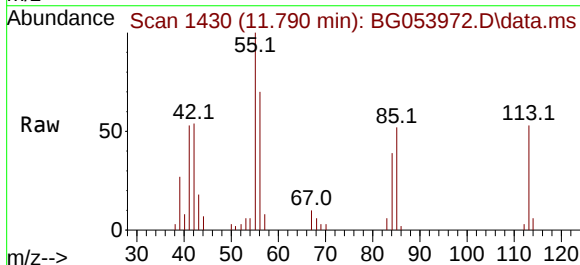


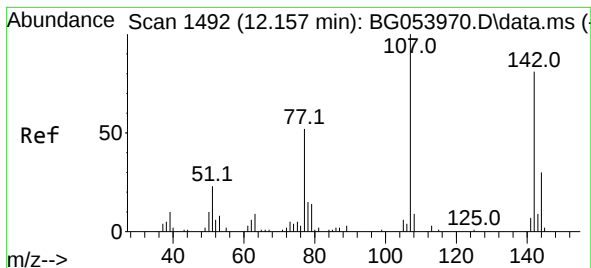
Tgt Ion:225 Resp: 40703
Ion Ratio Lower Upper
225 100
223 54.6 50.2 75.2
227 60.7 51.8 77.6



#34
Caprolactam
Concen: 22.279 ng/ul
RT: 11.790 min Scan# 1430
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

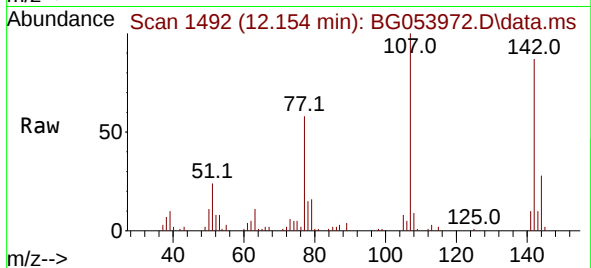
Tgt Ion:113 Resp: 9338
Ion Ratio Lower Upper
113 100
55 189.7 167.8 251.6
56 133.6 127.6 191.4



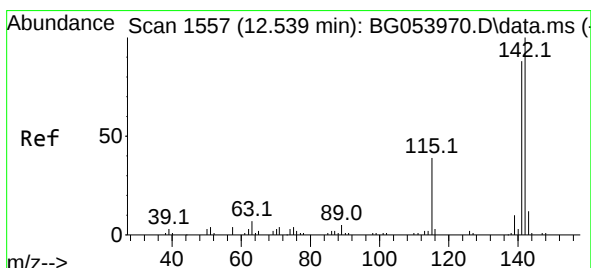
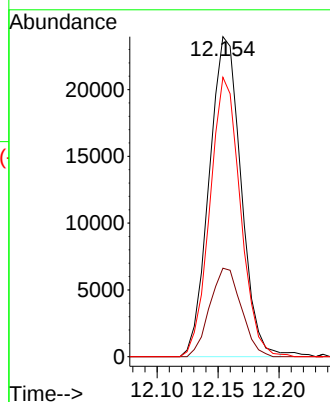
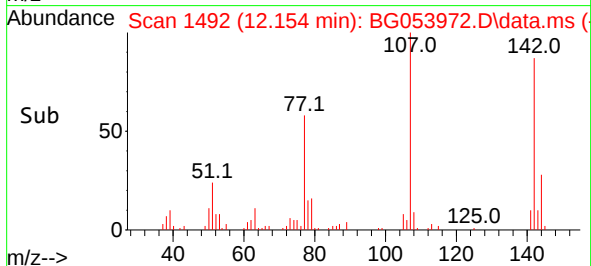


#35
4-Chloro-3-methylphenol
Concen: 32.187 ng/ul
RT: 12.154 min Scan# 1492
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Instrument :
BNA_G
ClientSampleId :

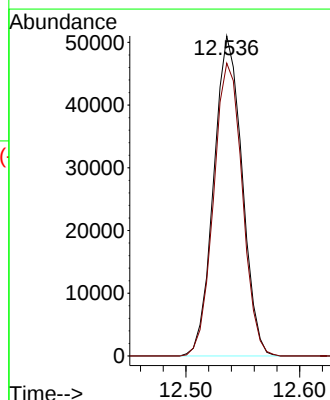
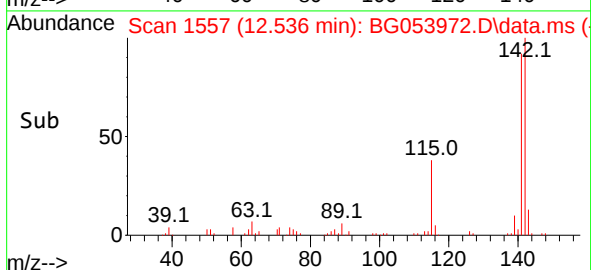
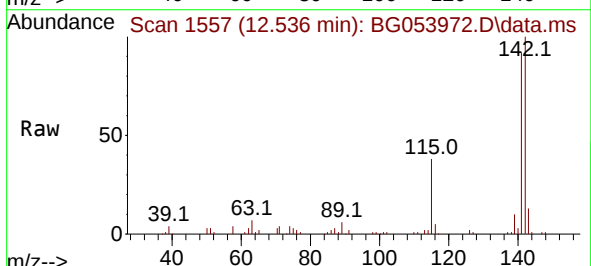


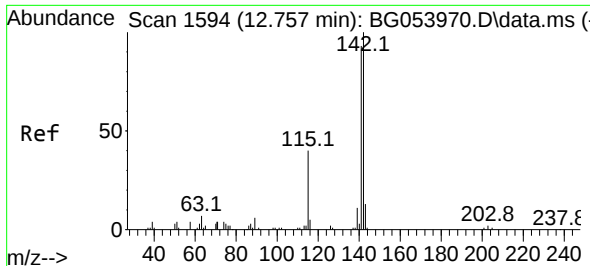
Tgt Ion:107 Resp: 43475
Ion Ratio Lower Upper
107 100
144 27.7 21.3 31.9
142 87.3 65.0 97.4



#36
2-Methylnaphthalene
Concen: 29.971 ng/ul
RT: 12.536 min Scan# 1557
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Tgt Ion:142 Resp: 88531
Ion Ratio Lower Upper
142 100
141 91.5 76.3 114.5

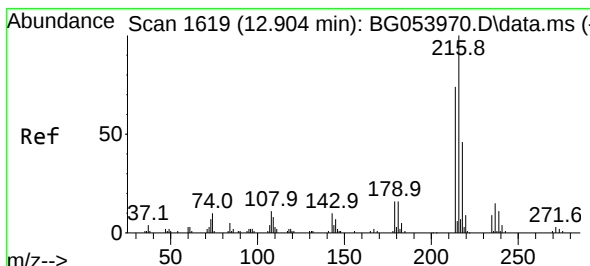
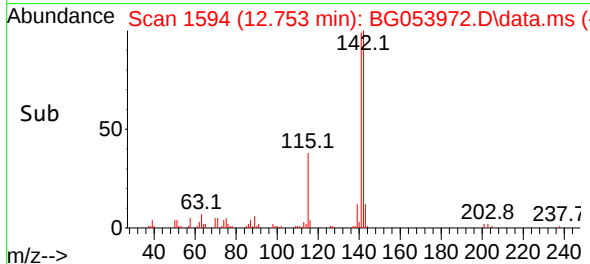
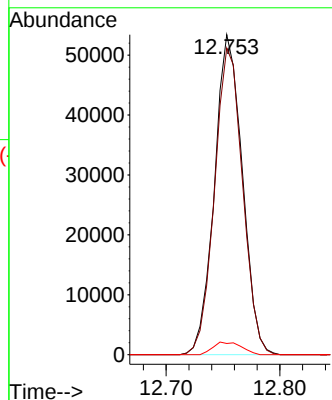
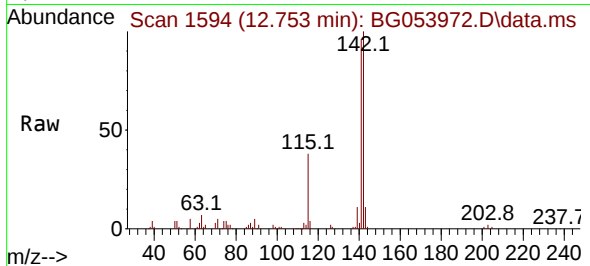




#37
1-Methylnaphthalene
Concen: 30.874 ng/ul
RT: 12.753 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

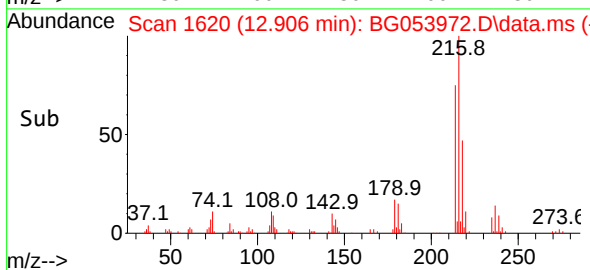
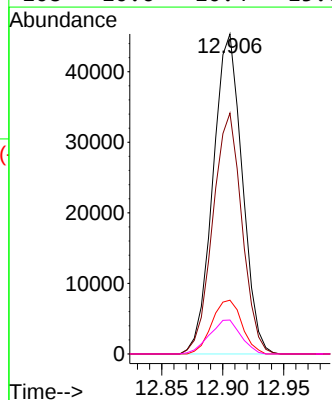
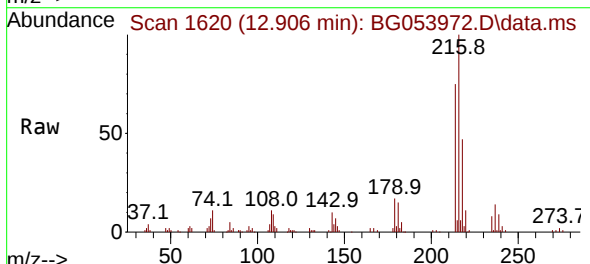
Instrument :
BNA_G
ClientSampleId :

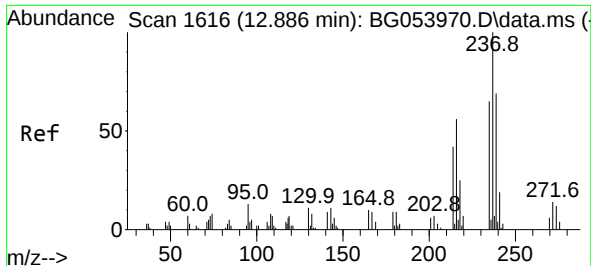
Tgt Ion:142 Resp: 90948
Ion Ratio Lower Upper
142 100
141 95.9 73.4 110.2
116 3.5 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 30.255 ng/ul
RT: 12.906 min Scan# 1620
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Tgt Ion:216 Resp: 75639
Ion Ratio Lower Upper
216 100
214 75.3 58.1 87.1
179 16.8 14.8 22.2
108 10.6 10.4 15.6

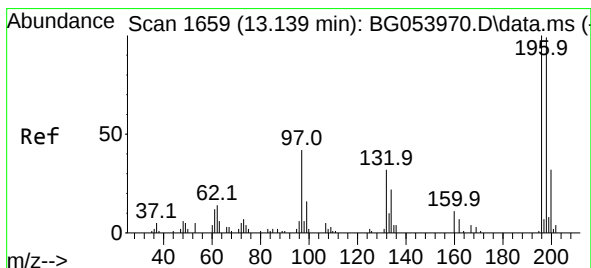
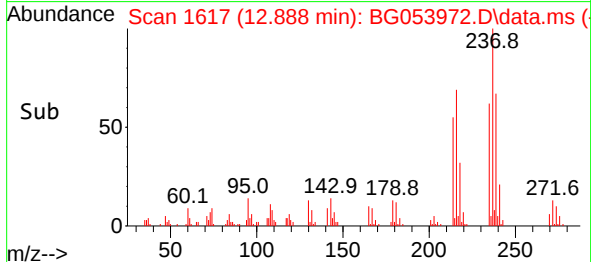
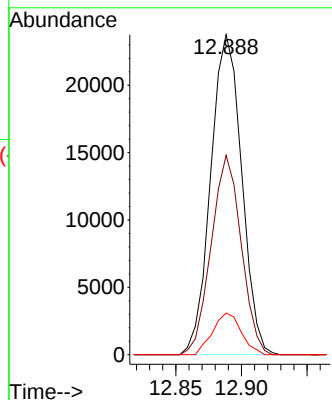
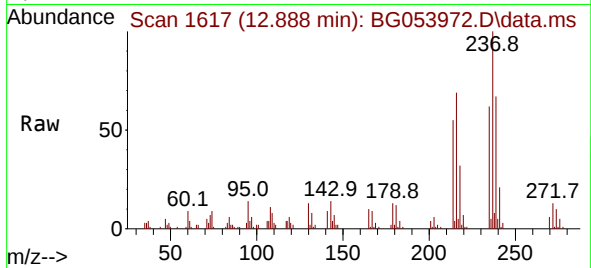




#40
Hexachlorocyclopentadiene
Concen: 27.780 ng/ul
RT: 12.888 min Scan# 1617
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

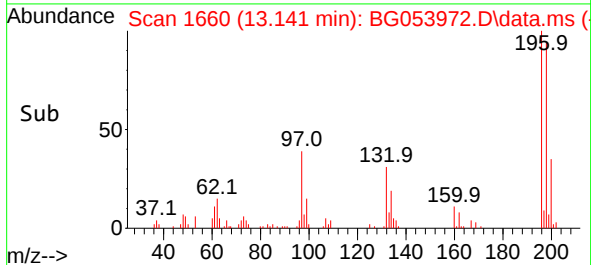
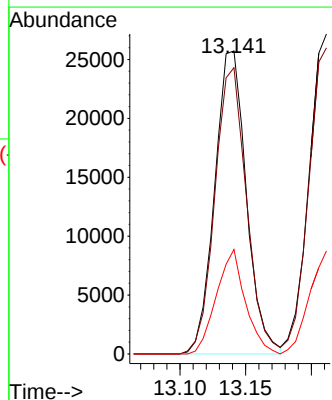
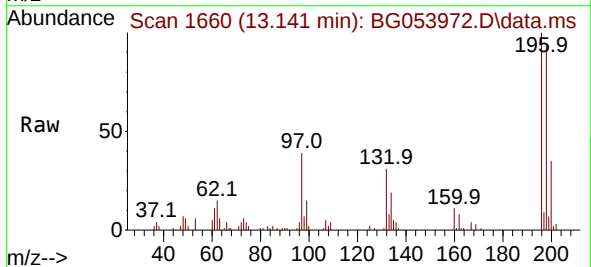
Instrument :
BNA_G
ClientSampleId :

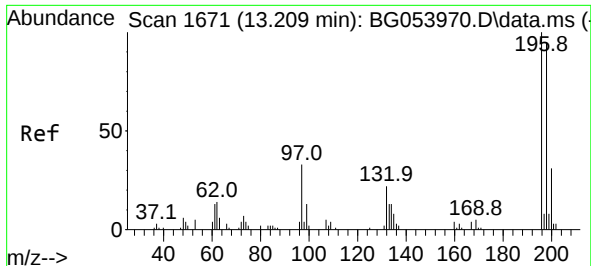
Tgt Ion:237 Resp: 38952
Ion Ratio Lower Upper
237 100
235 62.3 47.0 70.6
272 13.7 8.6 12.8#



#41
2,4,6-Trichlorophenol
Concen: 33.252 ng/ul
RT: 13.141 min Scan# 1660
Delta R.T. 0.005 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Tgt Ion:196 Resp: 43147
Ion Ratio Lower Upper
196 100
198 94.5 81.9 122.9
200 34.5 25.7 38.5

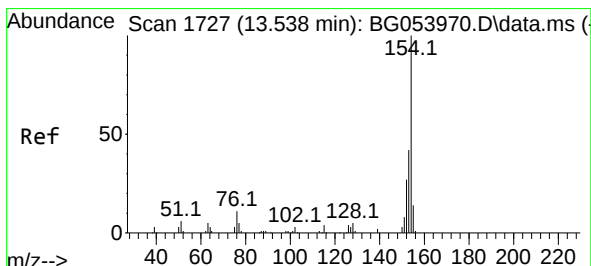
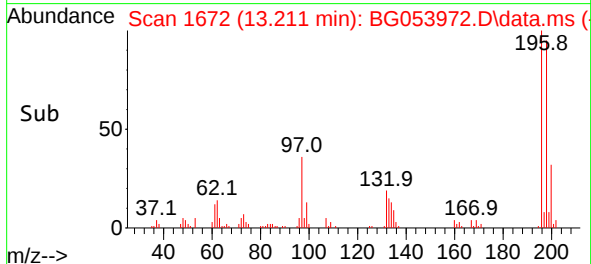
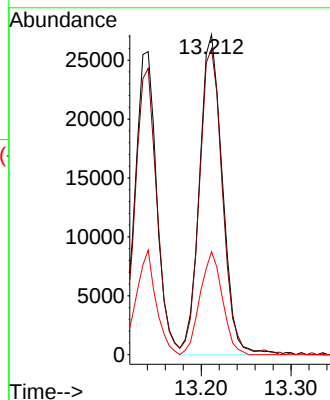
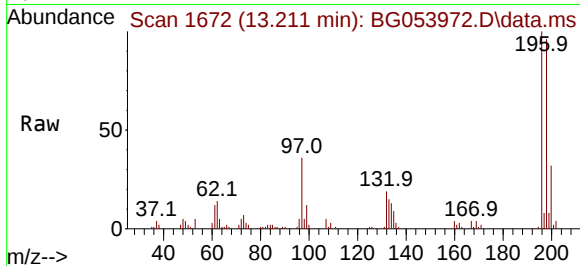




#42
2,4,5-Trichlorophenol
Concen: 32.818 ng/ul
RT: 13.211 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

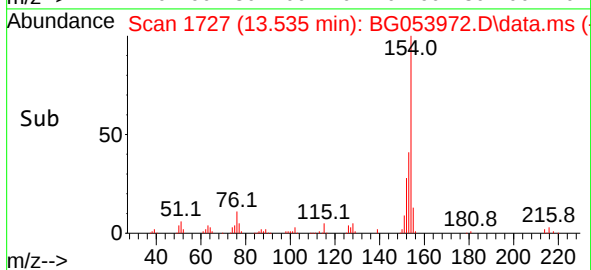
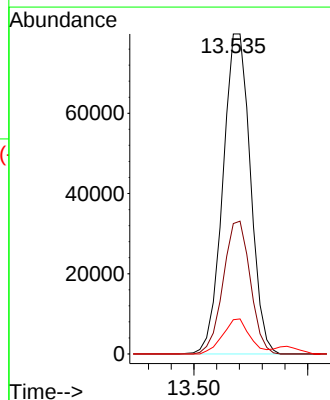
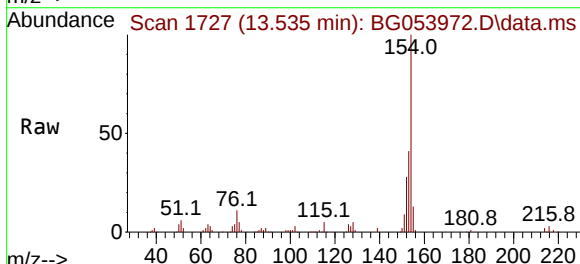
Instrument :
BNA_G
ClientSampleId :

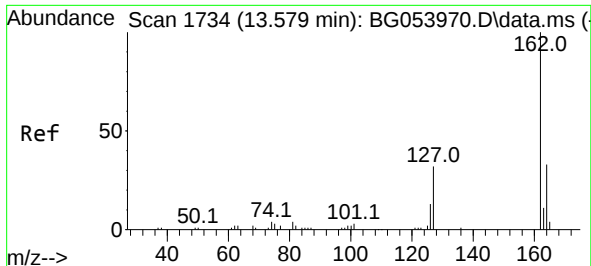
Tgt Ion:196 Resp: 48141
Ion Ratio Lower Upper
196 100
198 95.6 76.3 114.5
200 32.2 25.5 38.3



#43
1,1'-Biphenyl
Concen: 31.377 ng/ul
RT: 13.535 min Scan# 1727
Delta R.T. -0.007 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

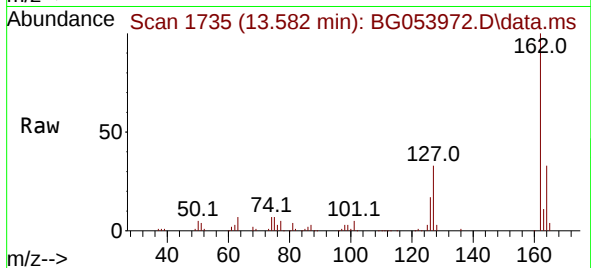
Tgt Ion:154 Resp: 133759
Ion Ratio Lower Upper
154 100
153 40.8 32.7 49.1
76 10.7 9.0 13.6



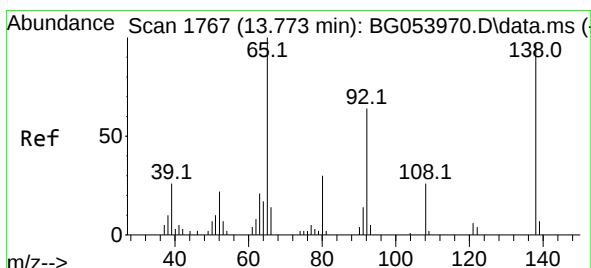
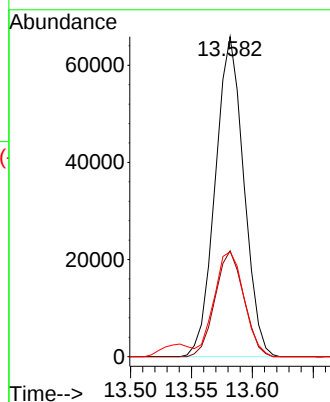
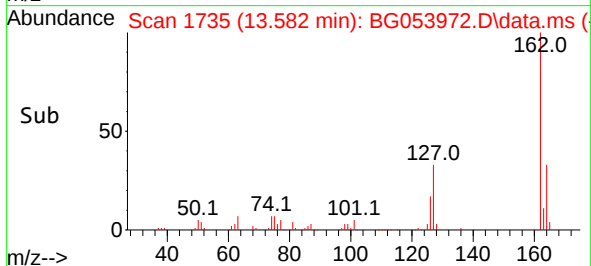


#44
2-Chloronaphthalene
Concen: 30.348 ng/ul
RT: 13.582 min Scan# 1735
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Instrument :
BNA_G
ClientSampleId :

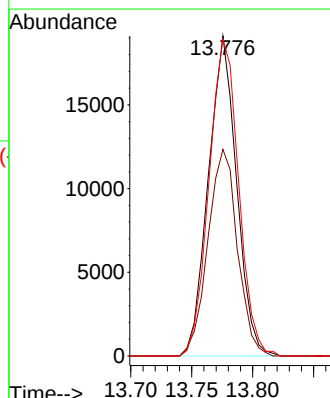
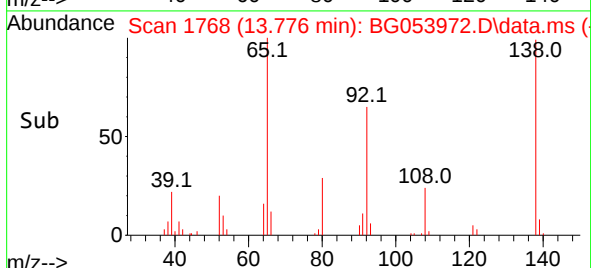
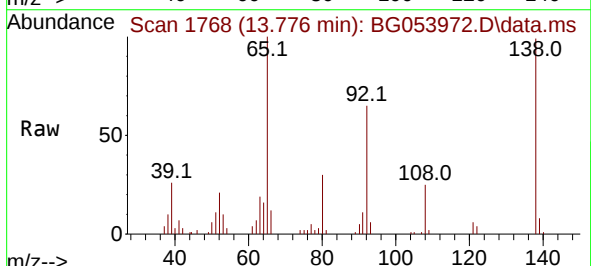


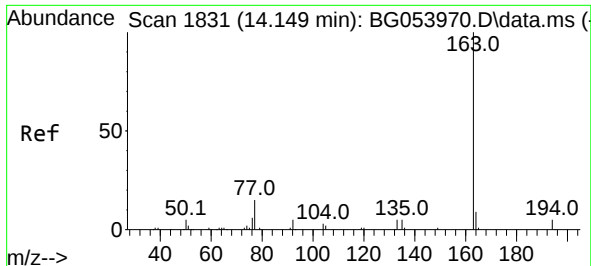
Tgt Ion:162 Resp: 107438
Ion Ratio Lower Upper
162 100
164 33.1 25.7 38.5
127 32.8 28.3 42.5



#45
2-Nitroaniline
Concen: 34.542 ng/ul
RT: 13.776 min Scan# 1768
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Tgt Ion: 65 Resp: 30764
Ion Ratio Lower Upper
65 100
92 64.6 52.2 78.4
138 99.0 79.0 118.4

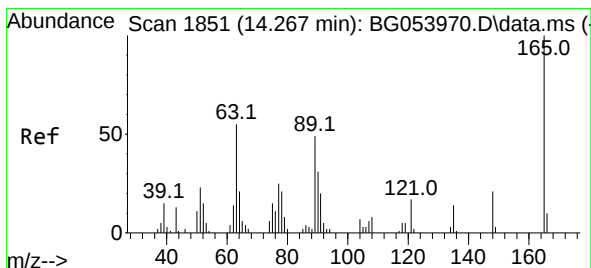
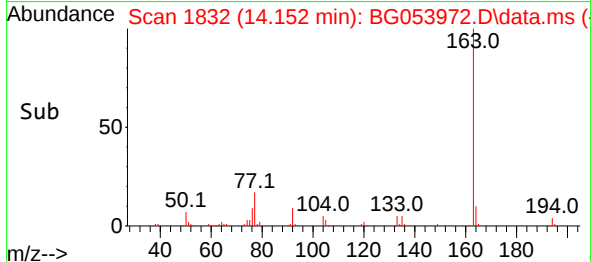
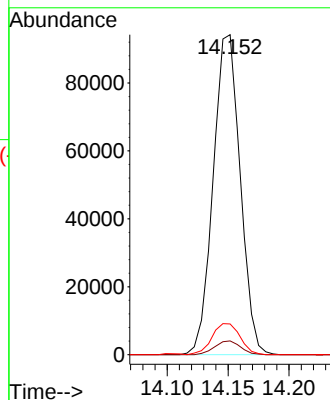
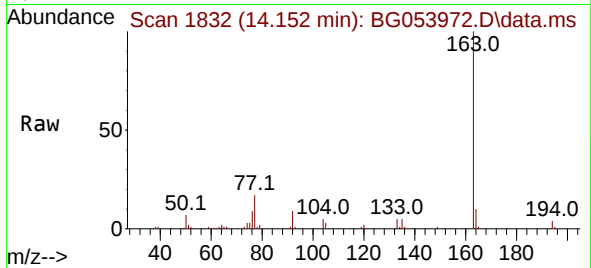




#47
Dimethylphthalate
Concen: 31.261 ng/ul
RT: 14.152 min Scan# 1832
Delta R.T. 0.005 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

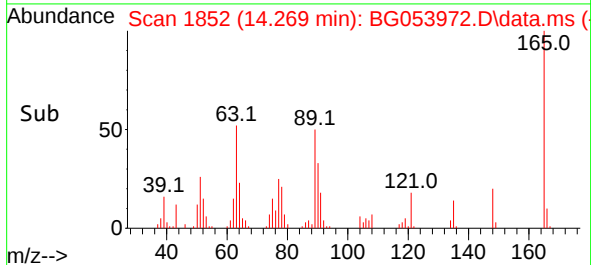
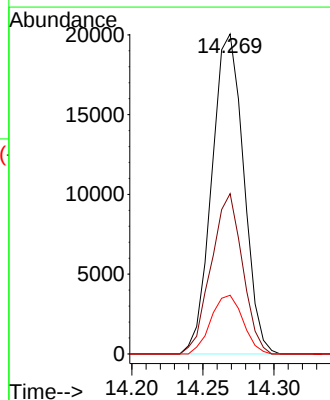
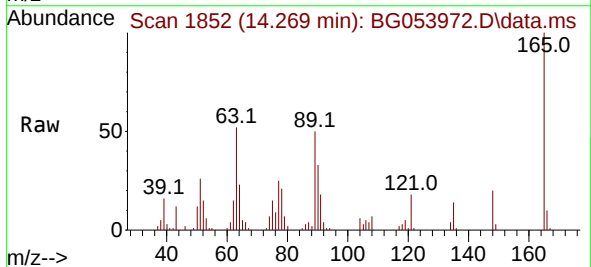
Instrument :
BNA_G
ClientSampleId :

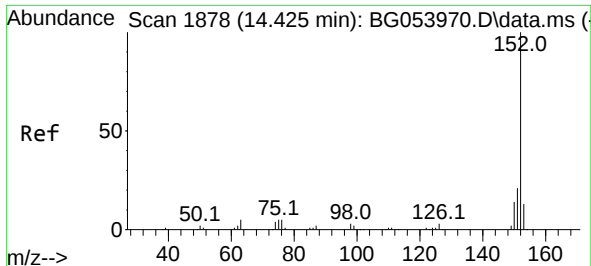
Tgt Ion:163 Resp: 145387
Ion Ratio Lower Upper
163 100
194 4.3 3.7 5.5
164 9.6 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 33.392 ng/ul
RT: 14.269 min Scan# 1852
Delta R.T. 0.005 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

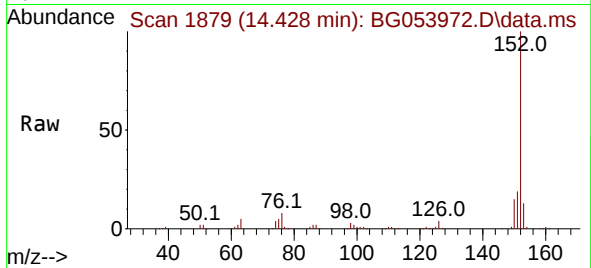
Tgt Ion:165 Resp: 31233
Ion Ratio Lower Upper
165 100
89 50.1 44.7 67.1
121 18.3 16.9 25.3



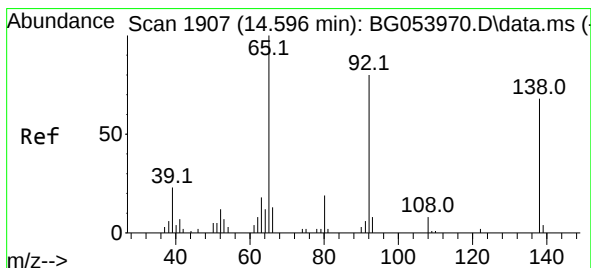
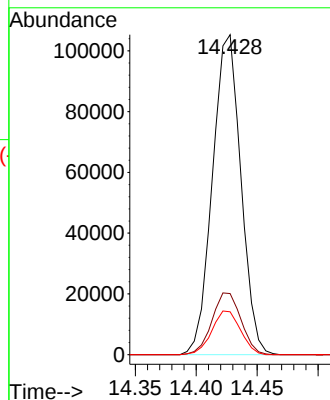
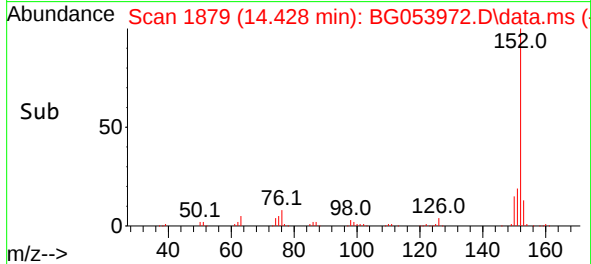


#50
Acenaphthylene
Concen: 31.681 ng/ul
RT: 14.428 min Scan# 1878
Delta R.T. 0.005 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Instrument :
BNA_G
ClientSampleId :

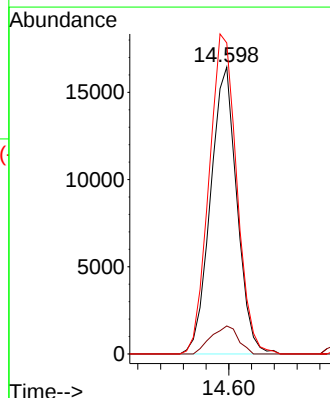
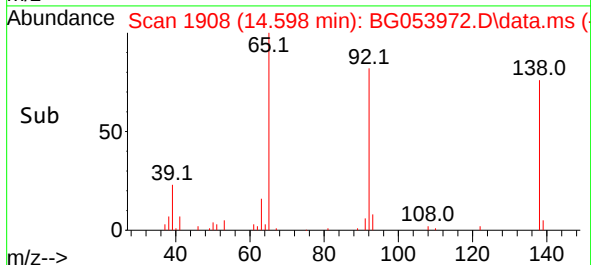
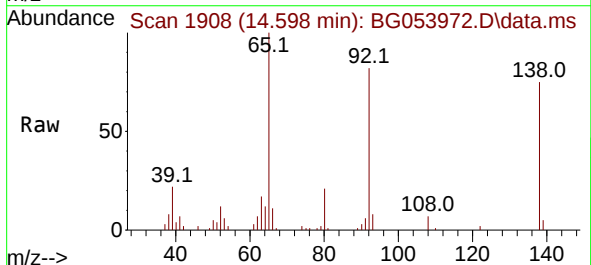


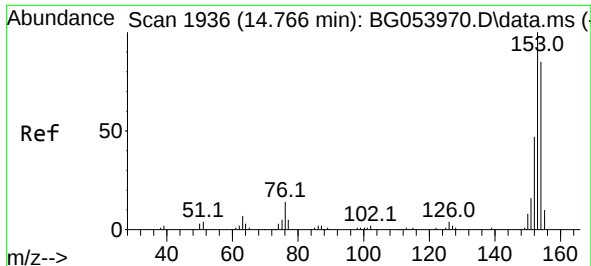
Tgt Ion:152 Resp: 171160
Ion Ratio Lower Upper
152 100
151 19.1 16.2 24.2
153 13.4 10.5 15.7



#51
3-Nitroaniline
Concen: 35.047 ng/ul
RT: 14.598 min Scan# 1908
Delta R.T. 0.005 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

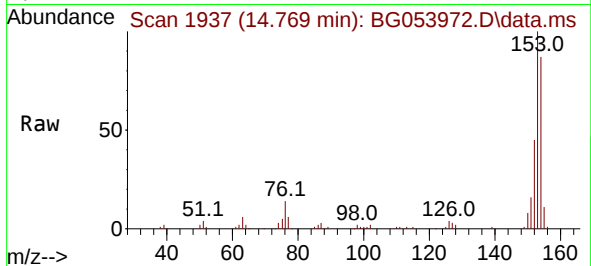
Tgt Ion:138 Resp: 26611
Ion Ratio Lower Upper
138 100
108 9.8 17.8 26.6#
92 108.4 94.2 141.4



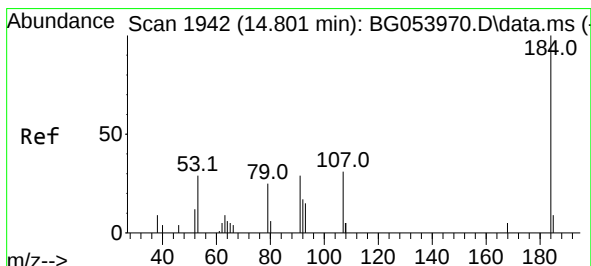
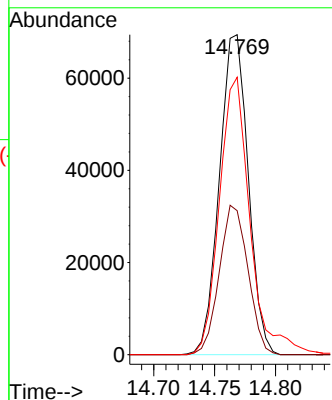
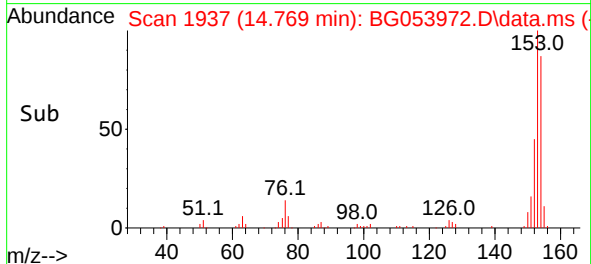


#52
Acenaphthene
Concen: 31.775 ng/ul
RT: 14.769 min Scan# 1937
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

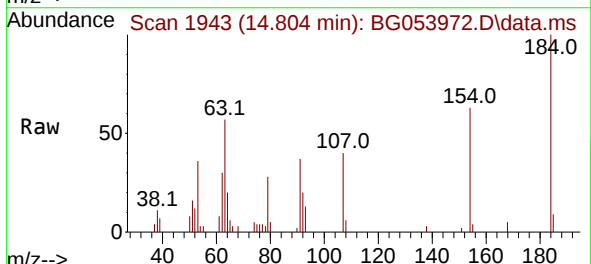
Instrument :
BNA_G
ClientSampleId :



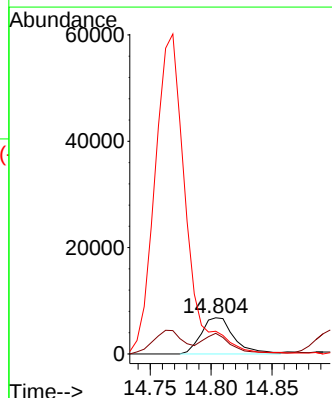
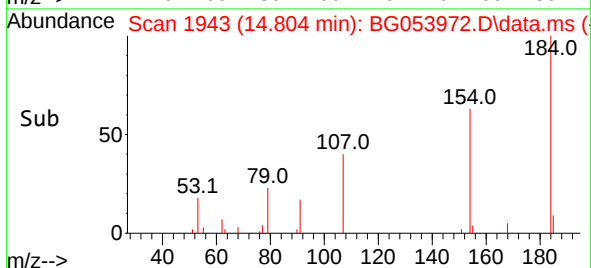
Tgt Ion:153 Resp: 114636
Ion Ratio Lower Upper
153 100
152 45.0 37.5 56.3
154 86.7 68.8 103.2

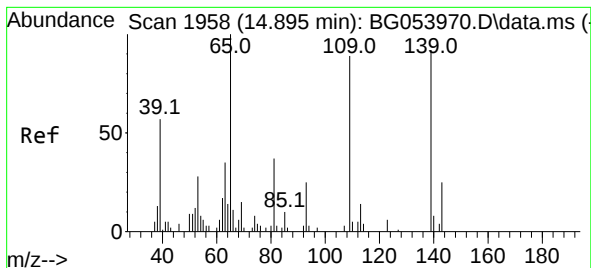


#53
2,4-Dinitrophenol
Concen: 29.552 ng/ul
RT: 14.804 min Scan# 1943
Delta R.T. 0.005 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55



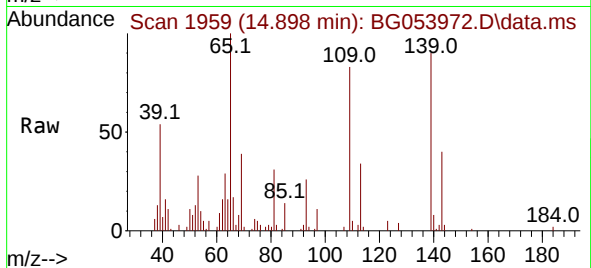
Tgt Ion:184 Resp: 12805
Ion Ratio Lower Upper
184 100
63 56.9 34.7 52.1#
154 62.7 87.3 130.9#



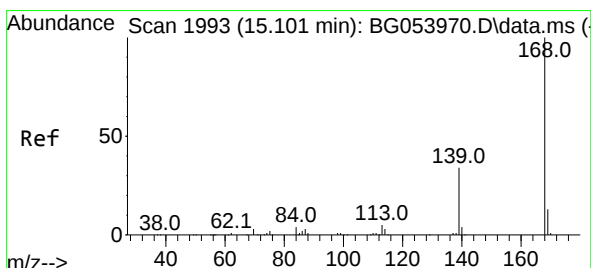
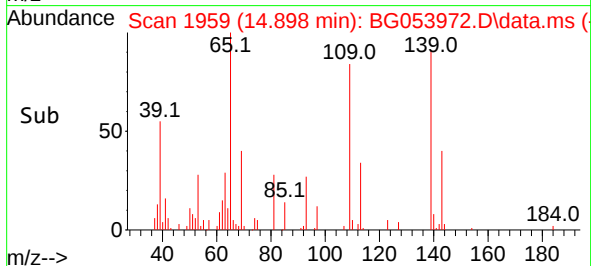
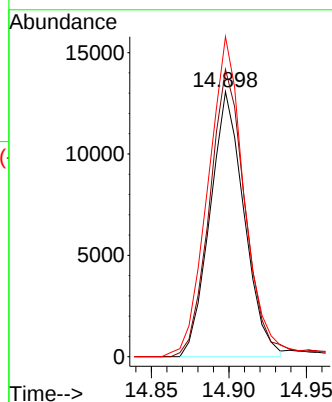


#55
4-Nitrophenol
Concen: 30.790 ng/ul
RT: 14.898 min Scan# 1959
Delta R.T. 0.005 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Instrument :
BNA_G
ClientSampleId :

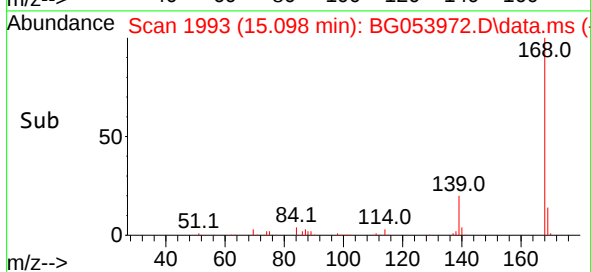
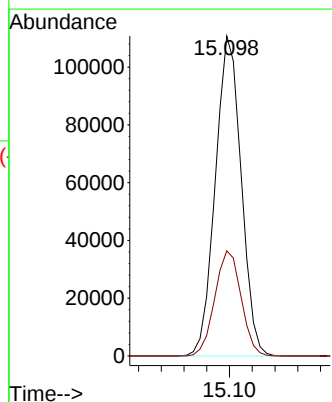
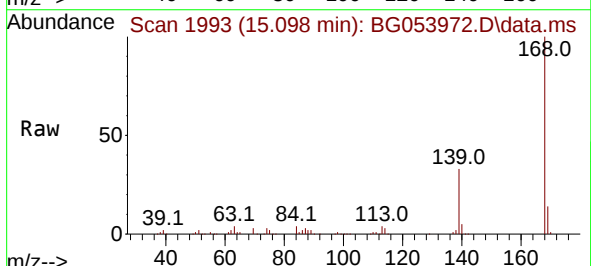


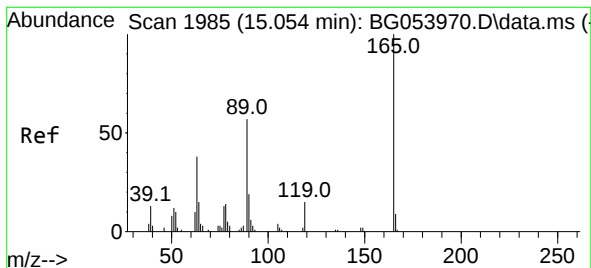
Tgt Ion	Ratio	Lower	Upper
109	100		
139	108.5	92.9	139.3
65	120.7	97.8	146.6



#56
Dibenzofuran
Concen: 31.669 ng/ul
RT: 15.098 min Scan# 1993
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Tgt Ion	Ratio	Lower	Upper
168	100		
139	32.9	28.2	42.2

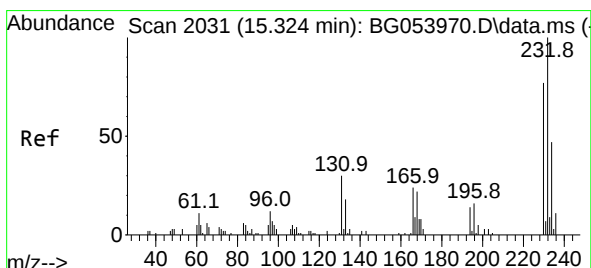
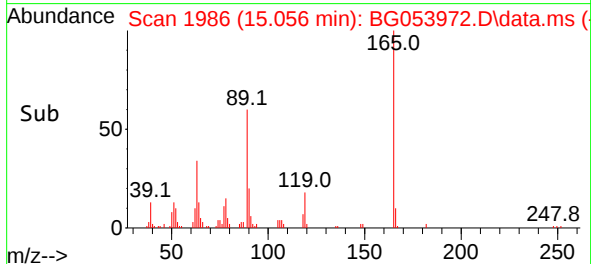
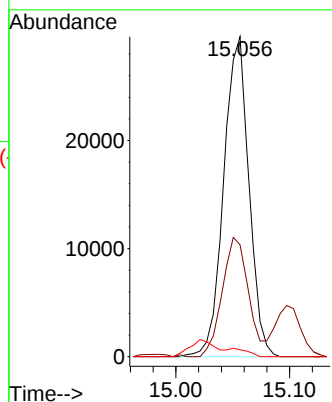
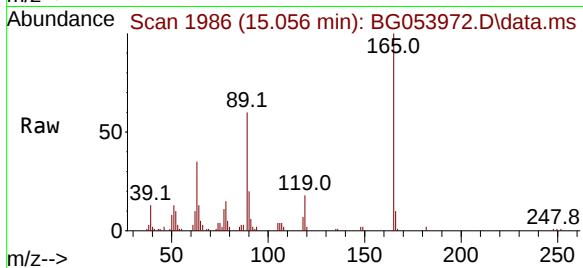




#57
2,4-Dinitrotoluene
Concen: 33.543 ng/ul
RT: 15.056 min Scan# 1985
Delta R.T. 0.005 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

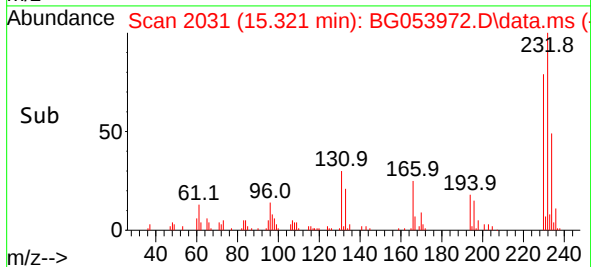
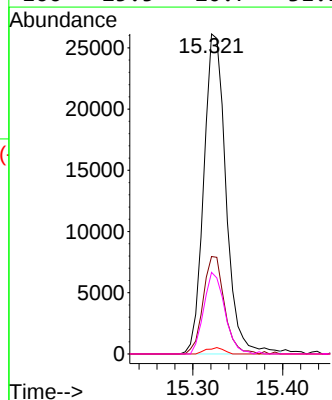
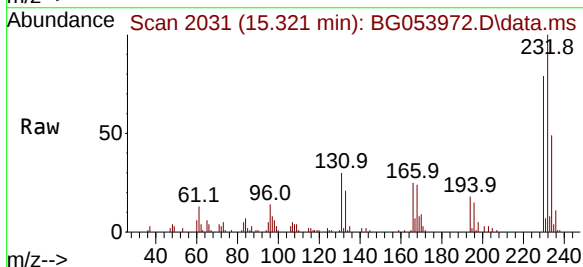
Instrument :
BNA_G
ClientSampleId :

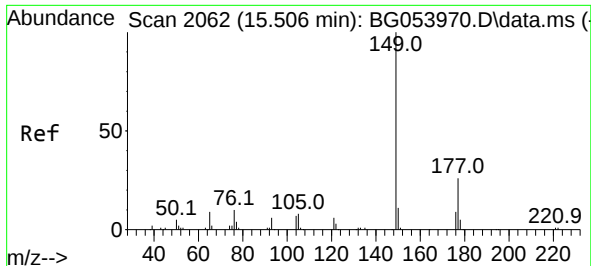
Tgt Ion:165 Resp: 45511
Ion Ratio Lower Upper
165 100
63 35.0 33.0 49.4
182 2.2 2.8 4.2#



#58
2,3,4,6-Tetrachlorophenol
Concen: 35.236 ng/ul
RT: 15.321 min Scan# 2031
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Tgt Ion:232 Resp: 44914
Ion Ratio Lower Upper
232 100
131 30.4 27.5 41.3
130 1.5 1.8 2.8#
166 25.5 20.7 31.1





#59

Diethylphthalate

Concen: 32.203 ng/ul

RT: 15.509 min Scan# 2062

Delta R.T. -0.001 min

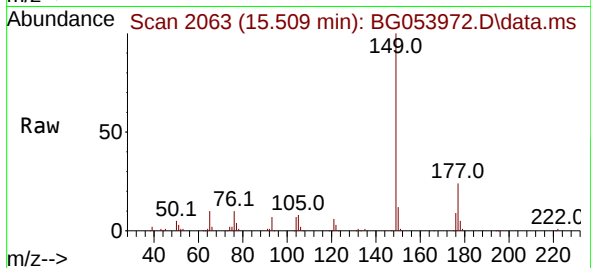
Lab File: BG053972.D

Acq: 21 Jun 2022 10:55

Instrument :

BNA_G

ClientSampleId :



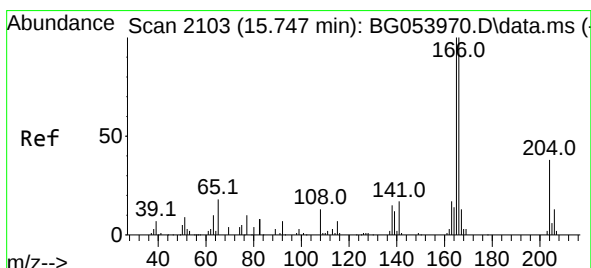
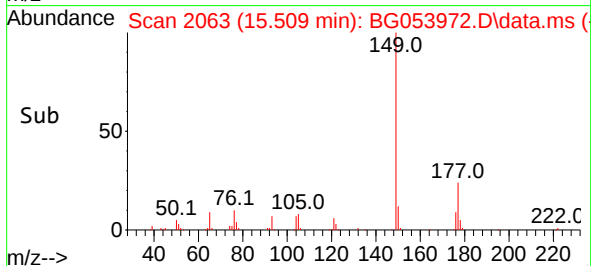
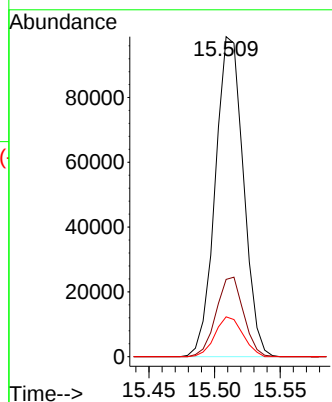
Tgt Ion:149 Resp: 146849

Ion Ratio Lower Upper

149 100

177 24.1 18.9 28.3

150 12.5 10.6 15.8



#61

Fluorene

Concen: 31.686 ng/ul

RT: 15.750 min Scan# 2104

Delta R.T. -0.001 min

Lab File: BG053972.D

Acq: 21 Jun 2022 10:55

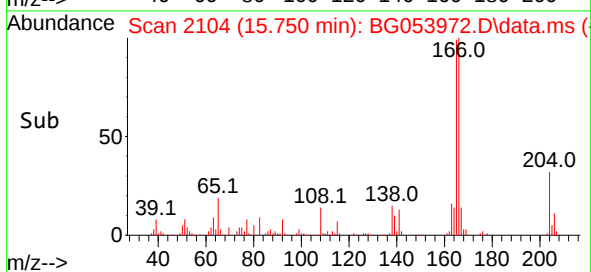
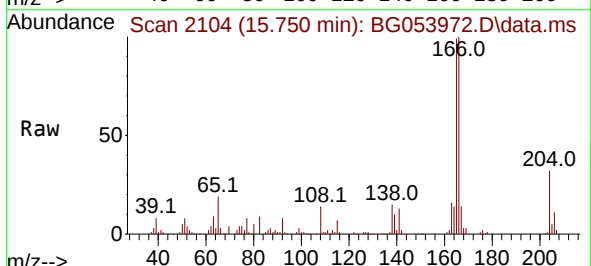
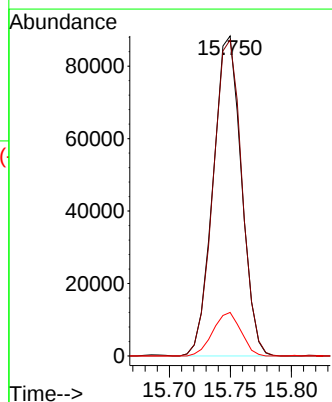
Tgt Ion:166 Resp: 142457

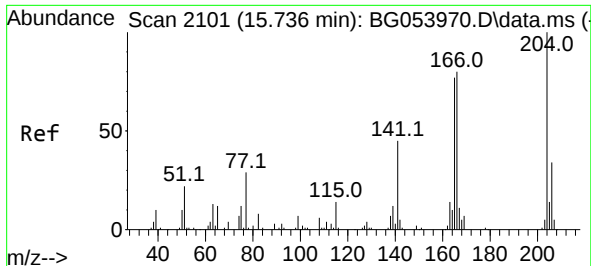
Ion Ratio Lower Upper

166 100

165 98.8 81.7 122.5

167 13.6 11.0 16.4

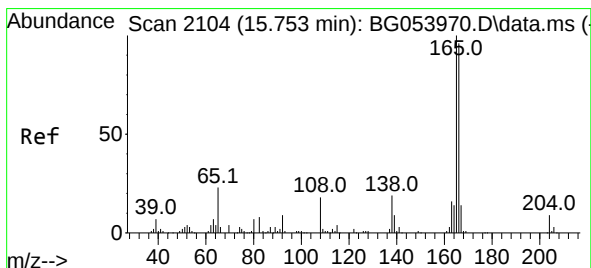
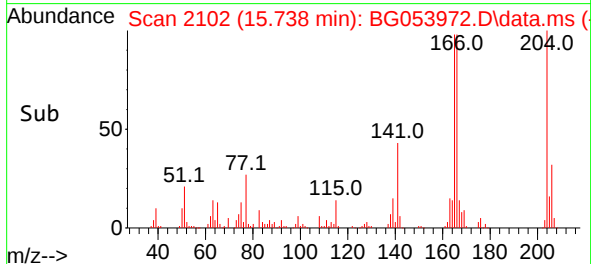
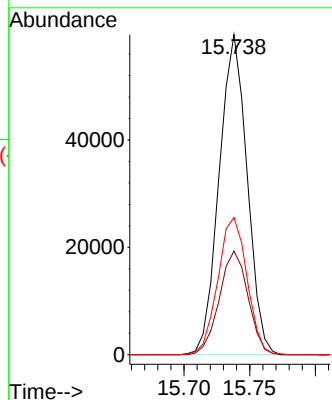
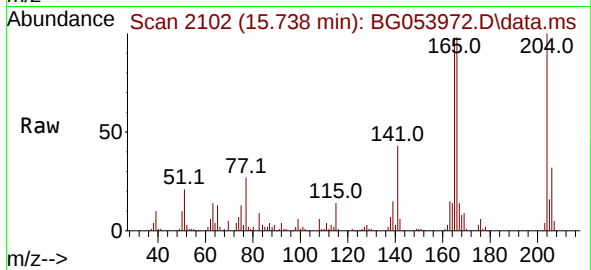




#62
4-Chlorophenyl-phenylether
Concen: 30.882 ng/ul
RT: 15.738 min Scan# 2101
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

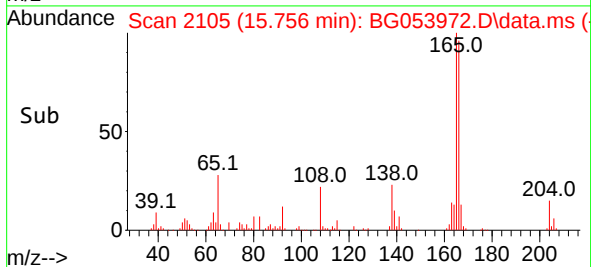
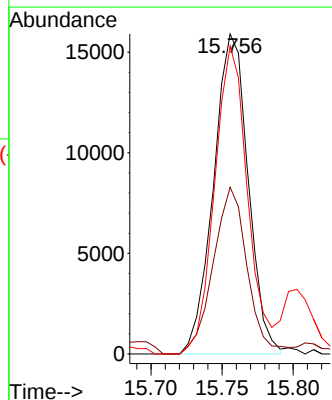
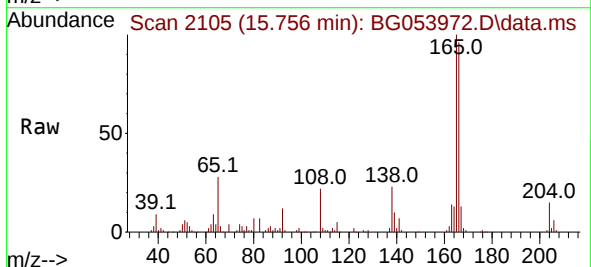
Instrument :
BNA_G
ClientSampleId :

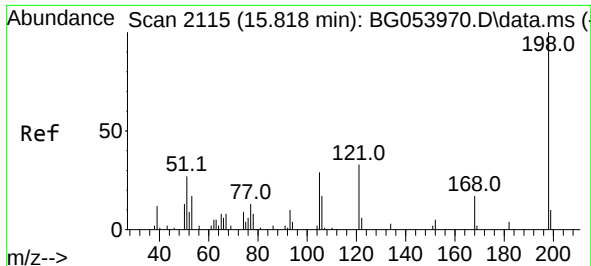
Tgt Ion:204 Resp: 88279
Ion Ratio Lower Upper
204 100
206 32.3 27.1 40.7
141 42.8 40.7 61.1



#63
4-Nitroaniline
Concen: 36.862 ng/ul
RT: 15.756 min Scan# 2105
Delta R.T. 0.005 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Tgt Ion:138 Resp: 26913
Ion Ratio Lower Upper
138 100
92 52.1 42.0 63.0
108 96.3 79.0 118.6

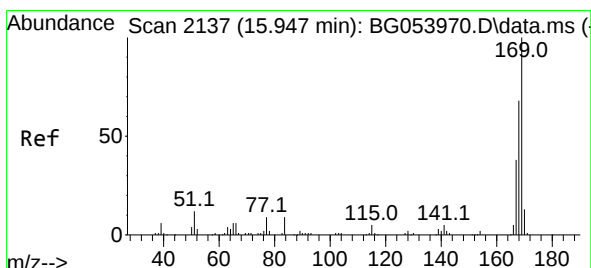
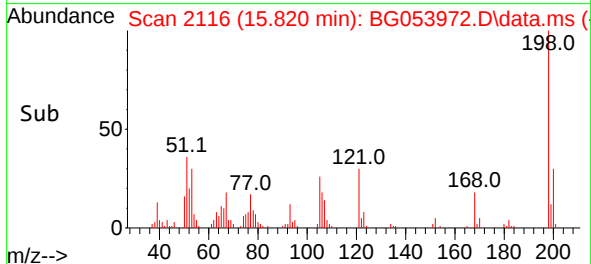
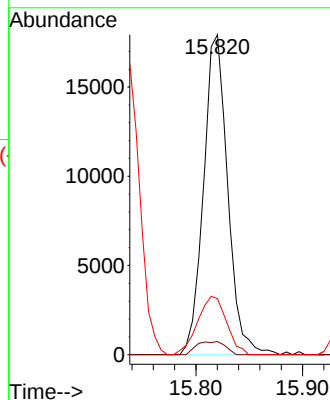
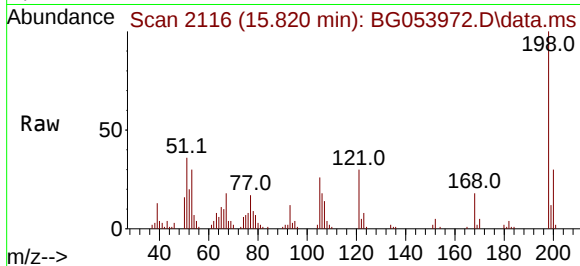




#66
 4,6-Dinitro-2-methylphenol
 Concen: 33.247 ng/ul
 RT: 15.820 min Scan# 2116
 Delta R.T. -0.001 min
 Lab File: BG053972.D
 Acq: 21 Jun 2022 10:55

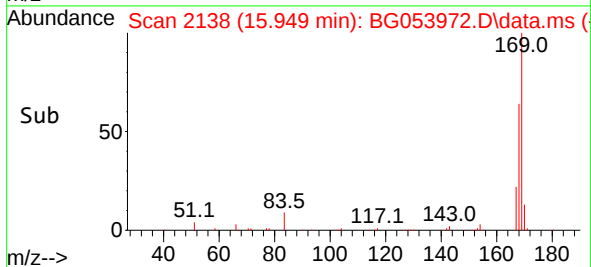
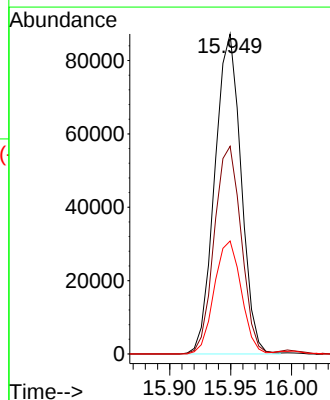
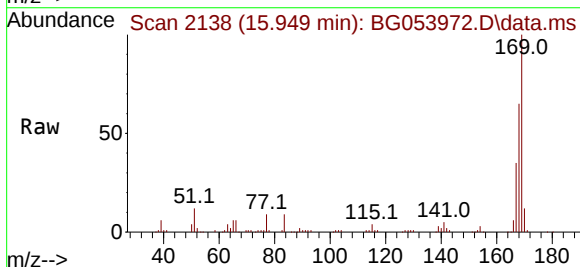
Instrument :
 BNA_G
 ClientSampleId :

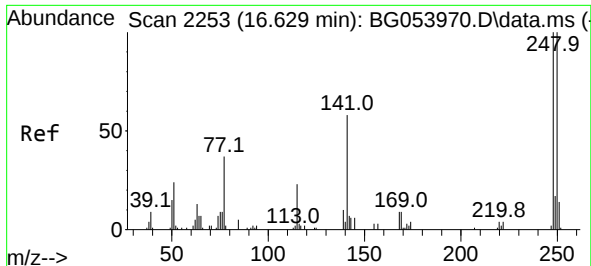
Tgt Ion:198 Resp: 28253
 Ion Ratio Lower Upper
 198 100
 182 4.1 3.4 5.0
 77 17.5 14.7 22.1



#67
 N-Nitrosodiphenylamine
 Concen: 33.005 ng/ul
 RT: 15.949 min Scan# 2138
 Delta R.T. -0.001 min
 Lab File: BG053972.D
 Acq: 21 Jun 2022 10:55

Tgt Ion:169 Resp: 130944
 Ion Ratio Lower Upper
 169 100
 168 64.9 51.0 76.4
 167 35.3 28.7 43.1

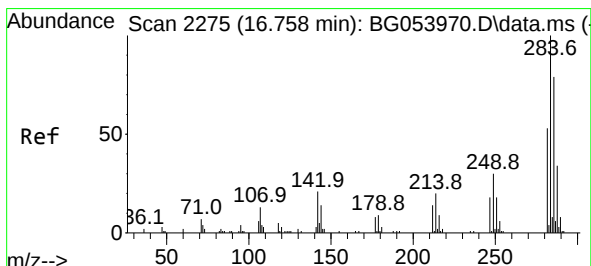
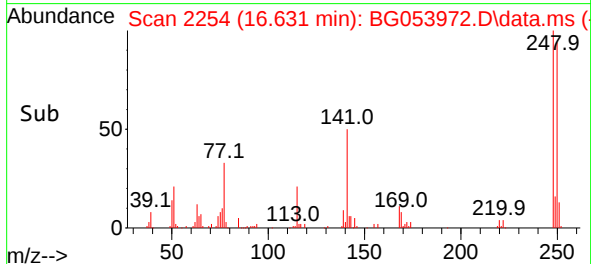
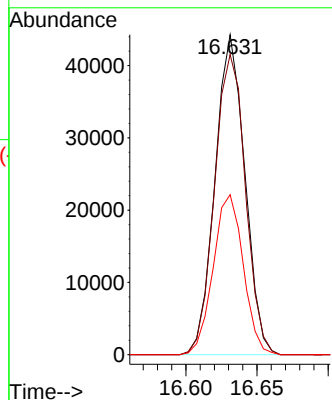
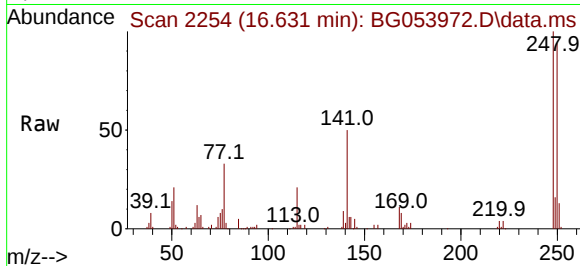




#68
4-Bromophenyl-phenylether
Concen: 32.098 ng/ul
RT: 16.631 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

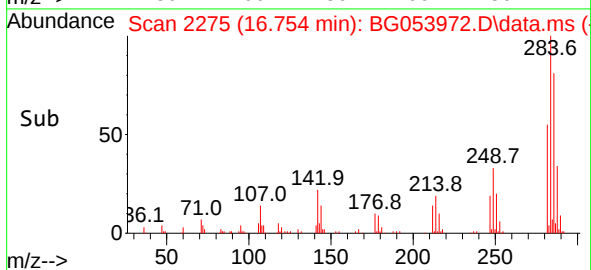
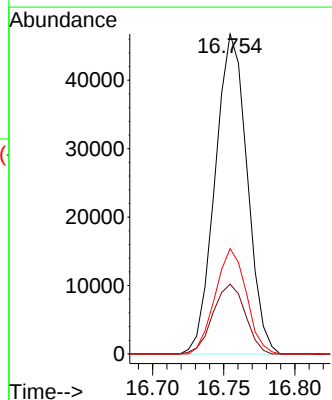
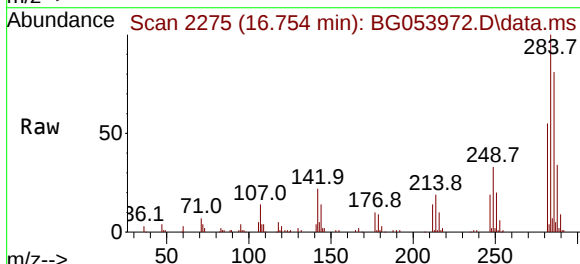
Instrument :
BNA_G
ClientSampleId :

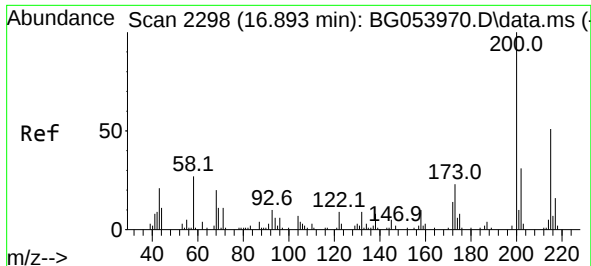
Tgt Ion:248 Resp: 64702
Ion Ratio Lower Upper
248 100
250 93.8 78.2 117.2
141 50.0 46.7 70.1



#69
Hexachlorobenzene
Concen: 31.045 ng/ul
RT: 16.754 min Scan# 2275
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Tgt Ion:284 Resp: 73346
Ion Ratio Lower Upper
284 100
142 20.4 20.8 31.2#
249 30.7 27.4 41.0

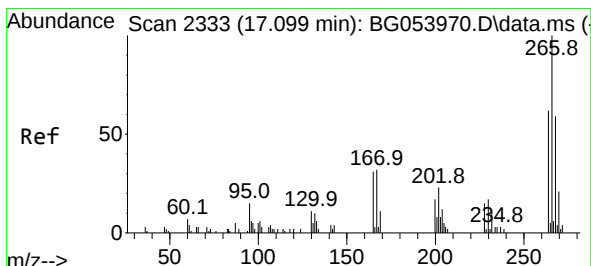
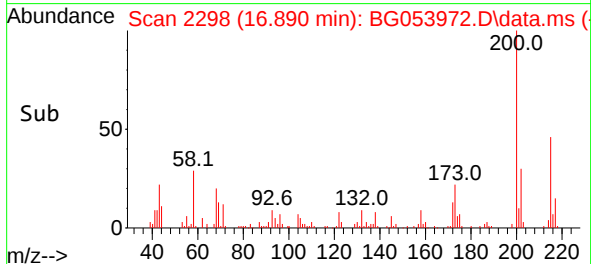
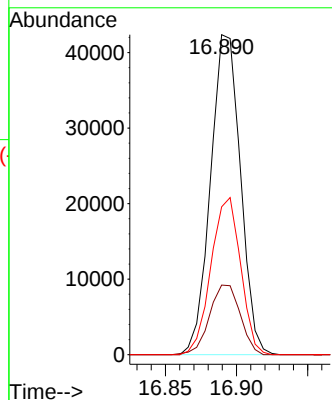
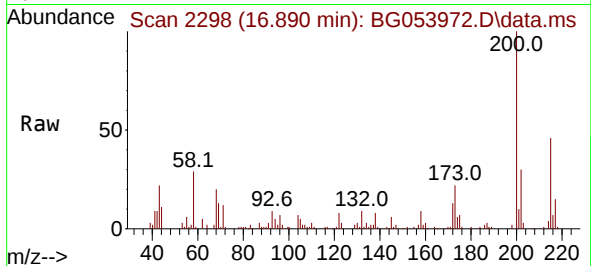




#70
Atrazine
Concen: 31.811 ng/ul
RT: 16.890 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

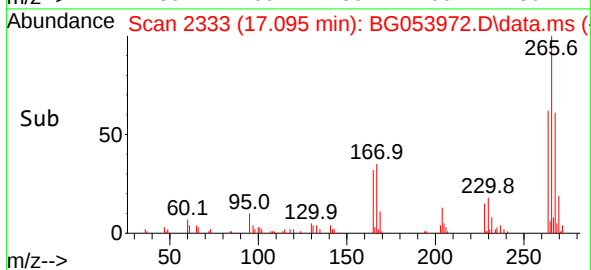
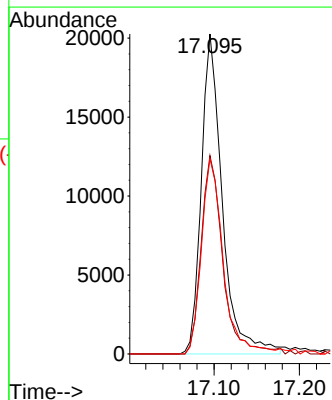
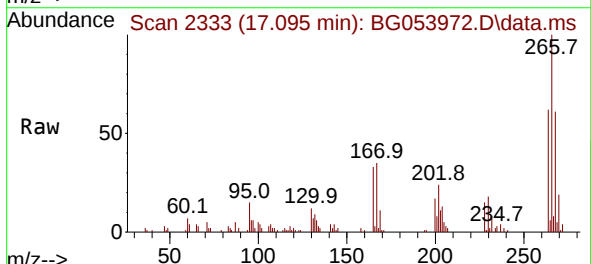
Instrument :
BNA_G
ClientSampleId :

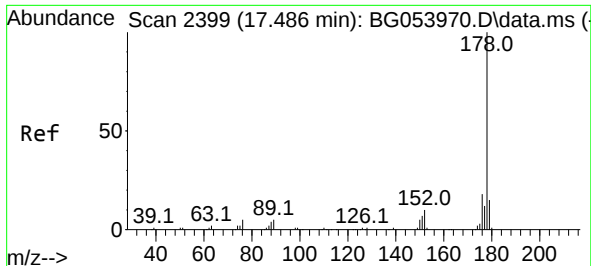
Tgt Ion:200 Resp: 61990
Ion Ratio Lower Upper
200 100
173 21.7 19.8 29.6
215 46.2 38.8 58.2



#71
Pentachlorophenol
Concen: 34.664 ng/ul
RT: 17.095 min Scan# 2333
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

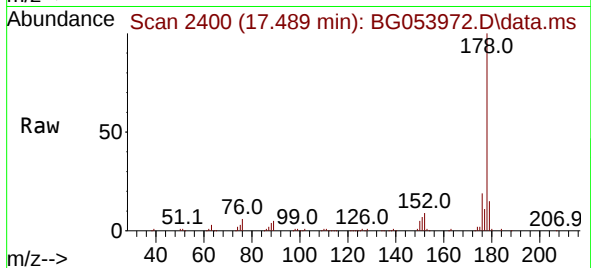
Tgt Ion:266 Resp: 34712
Ion Ratio Lower Upper
266 100
264 62.0 56.8 85.2
268 65.6 48.0 72.0



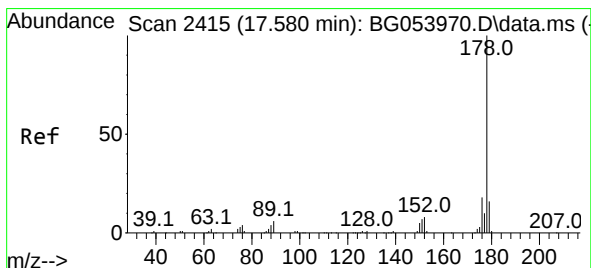
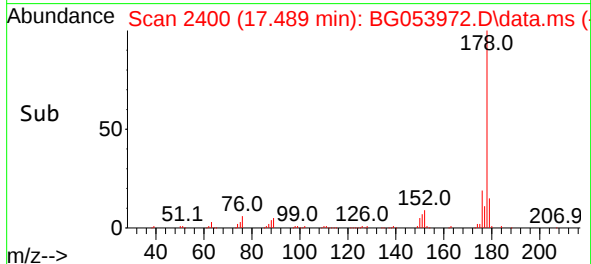
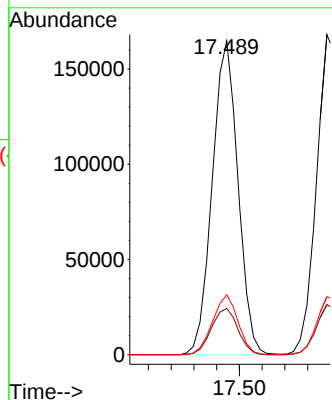


#72
Phenanthrene
Concen: 32.154 ng/ul
RT: 17.489 min Scan# 2400
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Instrument :
BNA_G
ClientSampleId :

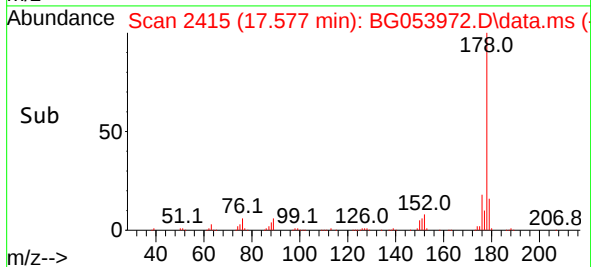
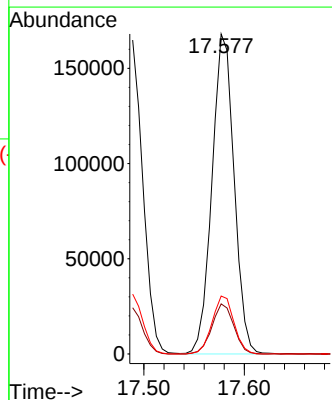
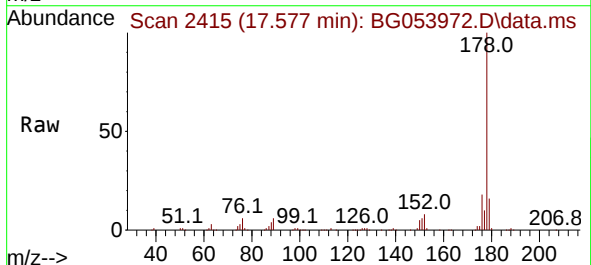


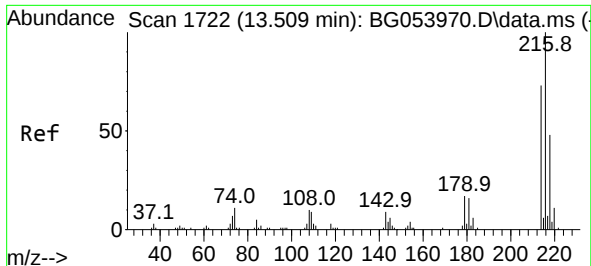
Tgt Ion:178 Resp: 258521
Ion Ratio Lower Upper
178 100
179 14.7 12.6 19.0
176 19.1 15.7 23.5



#74
Anthracene
Concen: 31.787 ng/ul
RT: 17.577 min Scan# 2415
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Tgt Ion:178 Resp: 257564
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 18.1 14.6 22.0

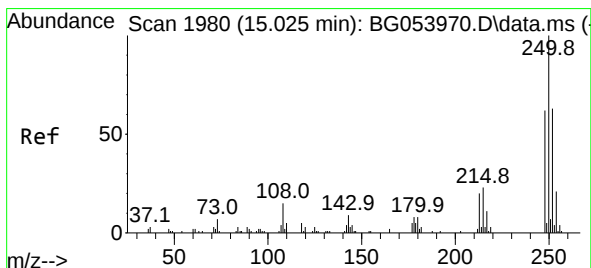
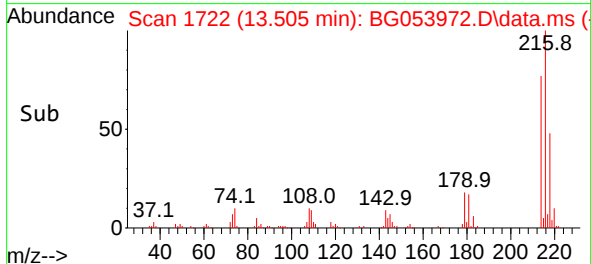
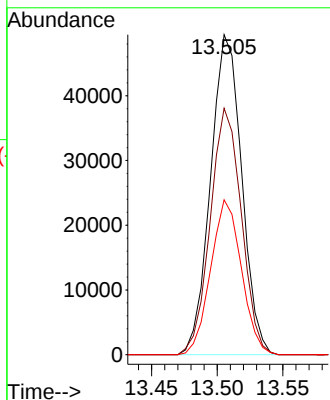
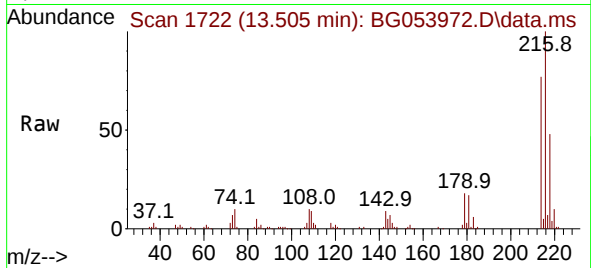




#75
1,2,3,4-Tetrachlorobenzene
Concen: 29.528 ng/uL
RT: 13.505 min Scan# 1722
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

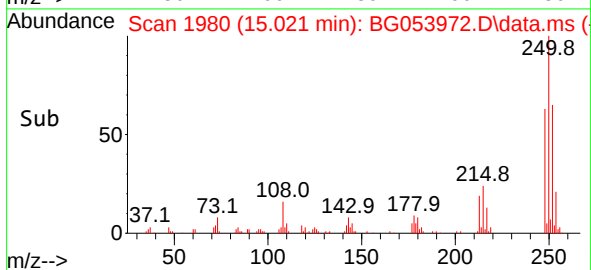
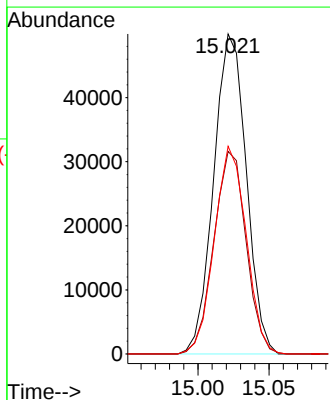
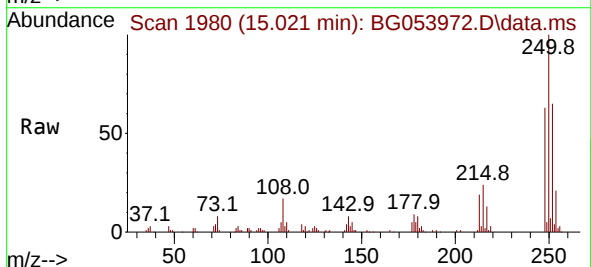
Instrument :
BNA_G
ClientSampleId :

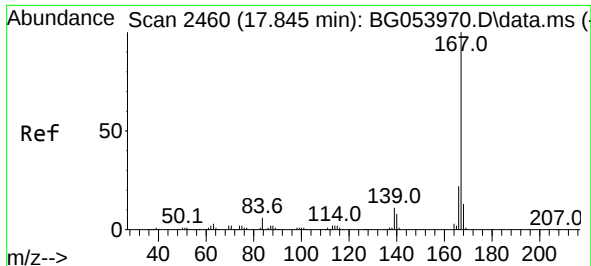
Tgt Ion:216 Resp: 81618
Ion Ratio Lower Upper
216 100
214 77.0 64.2 96.4
218 48.4 39.0 58.4



#76
Pentachlorobenzene
Concen: 31.344 ng/uL
RT: 15.021 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

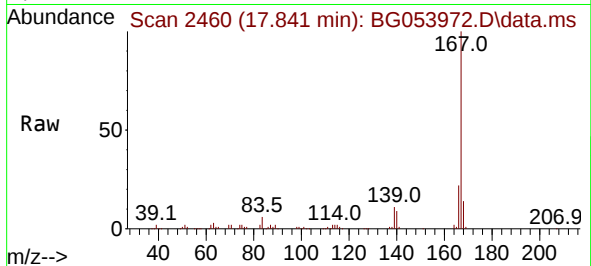
Tgt Ion:250 Resp: 79682
Ion Ratio Lower Upper
250 100
248 59.3 47.7 71.5
252 60.8 50.0 75.0



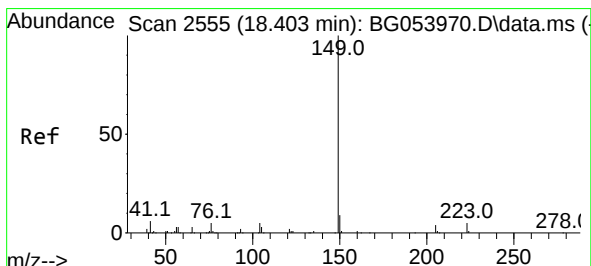
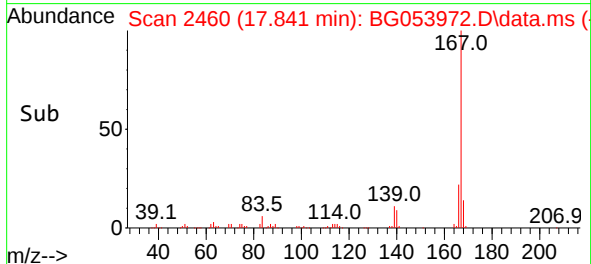
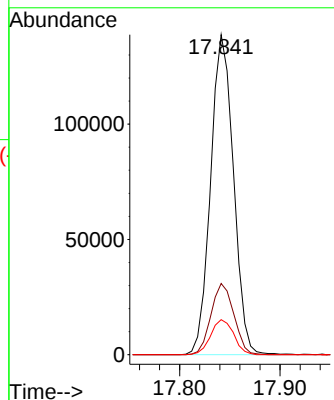


#77
 Carbazole
 Concen: 32.881 ng/ul
 RT: 17.841 min Scan# 2460
 Delta R.T. -0.001 min
 Lab File: BG053972.D
 Acq: 21 Jun 2022 10:55

Instrument :
 BNA_G
 ClientSampleId :

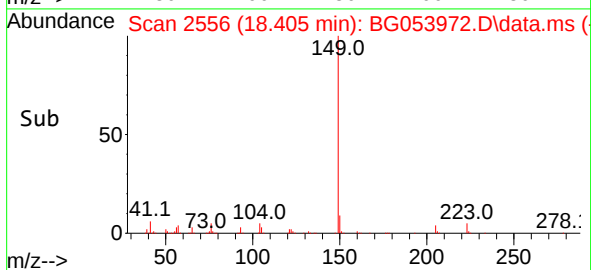
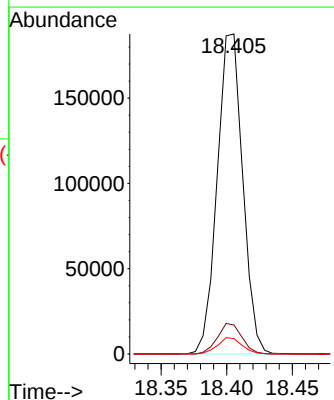
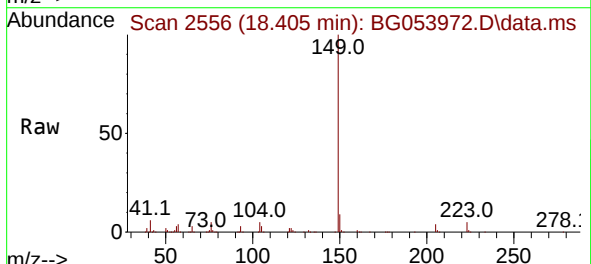


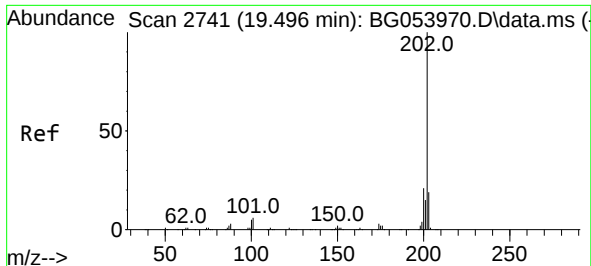
Tgt Ion:167 Resp: 219664
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.2
 139 11.0 9.0 13.6



#78
 Di-n-butylphthalate
 Concen: 33.343 ng/ul
 RT: 18.405 min Scan# 2556
 Delta R.T. -0.001 min
 Lab File: BG053972.D
 Acq: 21 Jun 2022 10:55

Tgt Ion:149 Resp: 253605
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.1 10.7
 104 4.8 4.2 6.2

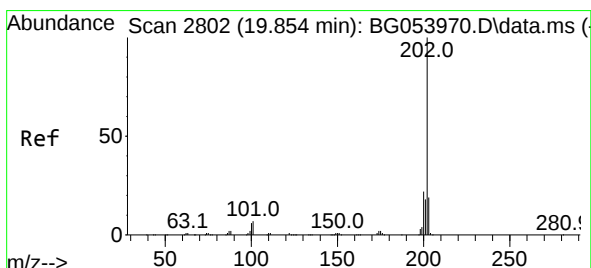
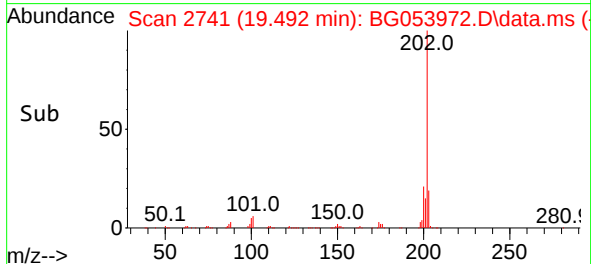
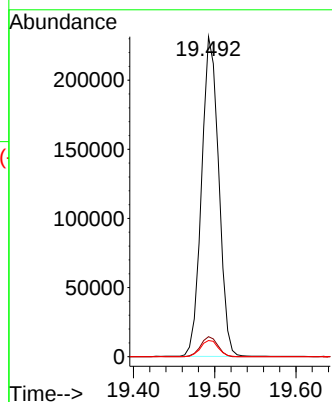
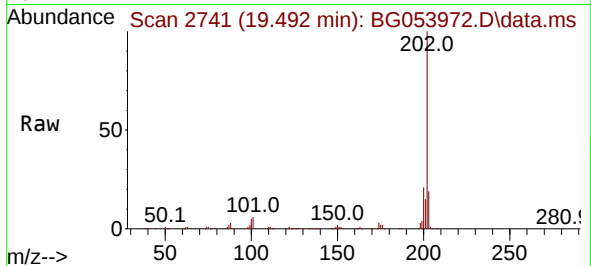




#80
Fluoranthene
Concen: 33.108 ng/u1
RT: 19.492 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

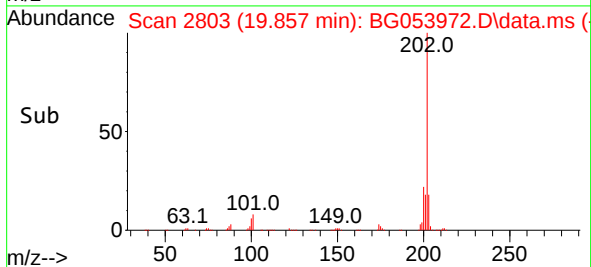
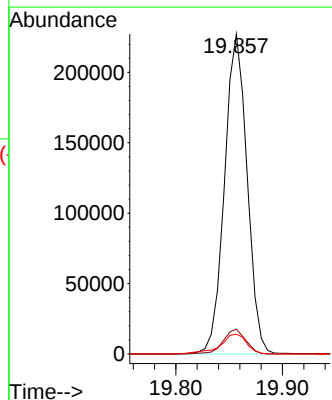
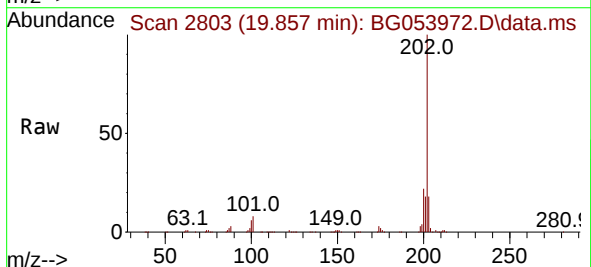
Instrument :
BNA_G
ClientSampleId :

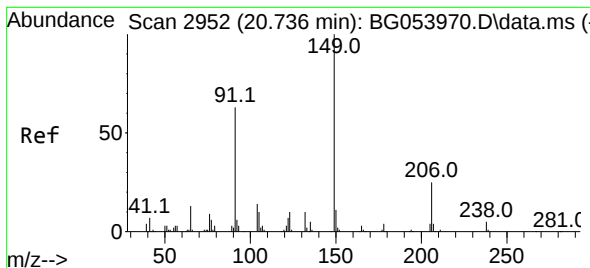
Tgt Ion:202 Resp: 338792
Ion Ratio Lower Upper
202 100
101 6.2 6.6 9.8#
100 5.1 5.8 8.8#



#82
Pyrene
Concen: 32.798 ng/u1
RT: 19.857 min Scan# 2803
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Tgt Ion:202 Resp: 333674
Ion Ratio Lower Upper
202 100
101 7.8 7.3 10.9
100 6.2 6.2 9.4#





#83

Butylbenzylphthalate

Concen: 35.034 ng/ul

RT: 20.738 min Scan# 2953

Delta R.T. -0.001 min

Lab File: BG053972.D

Acq: 21 Jun 2022 10:55

Instrument :

BNA_G

ClientSampleId :

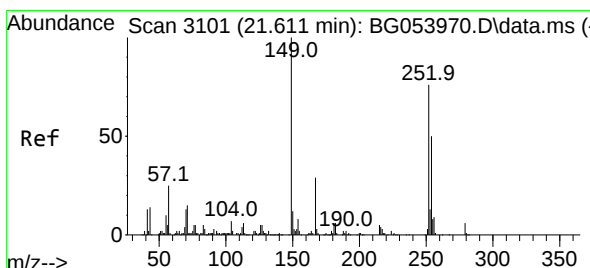
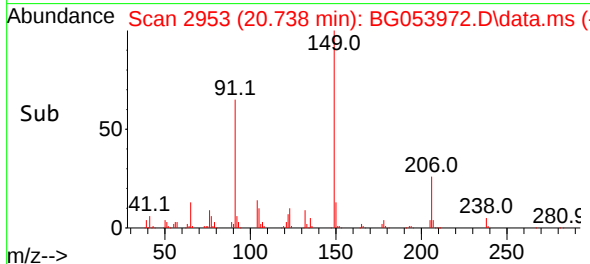
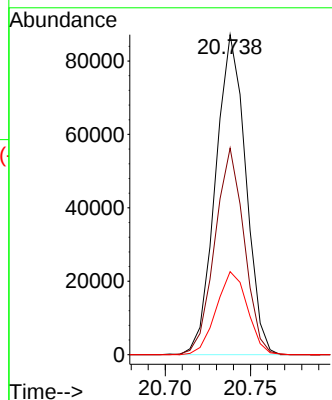
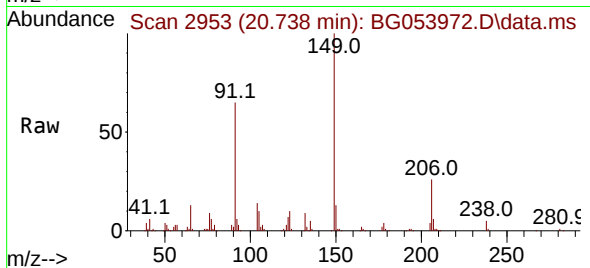
Tgt Ion:149 Resp: 107415

Ion Ratio Lower Upper

149 100

91 64.5 54.0 81.0

206 26.0 19.5 29.3



#84

3,3'-Dichlorobenzidine

Concen: 35.875 ng/ul

RT: 21.613 min Scan# 3102

Delta R.T. -0.001 min

Lab File: BG053972.D

Acq: 21 Jun 2022 10:55

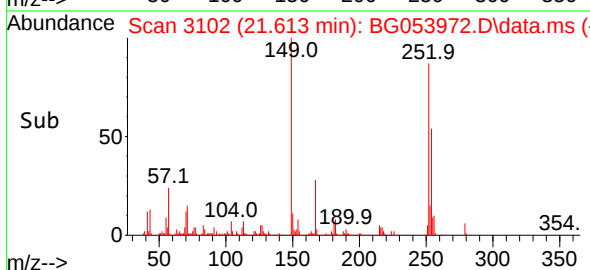
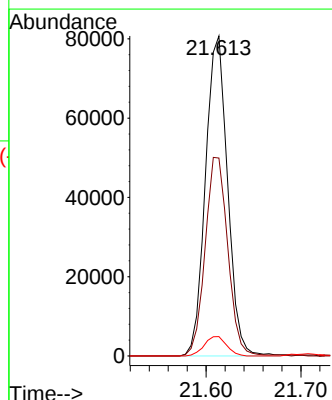
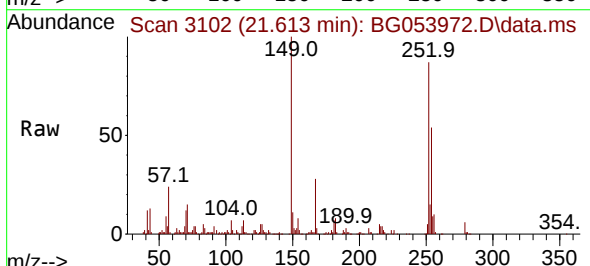
Tgt Ion:252 Resp: 130523

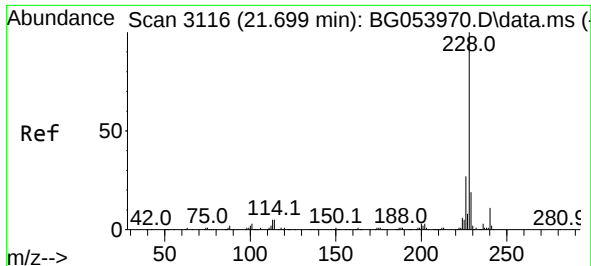
Ion Ratio Lower Upper

252 100

254 61.8 49.6 74.4

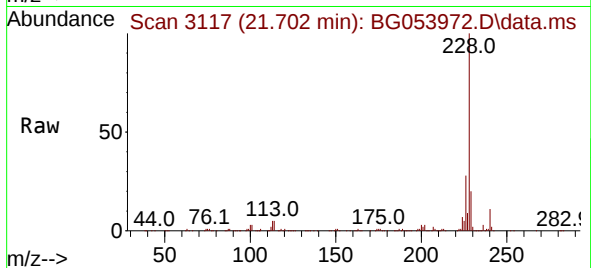
126 6.0 6.0 9.0



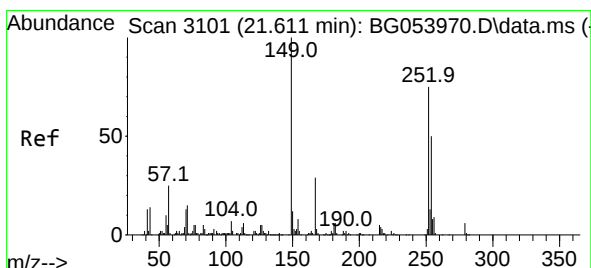
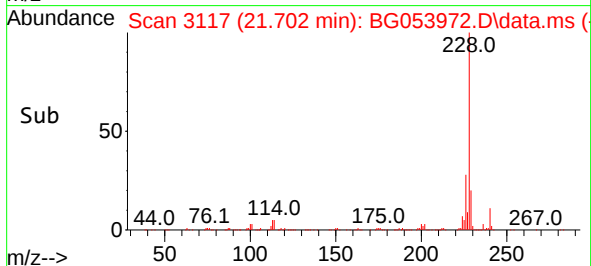
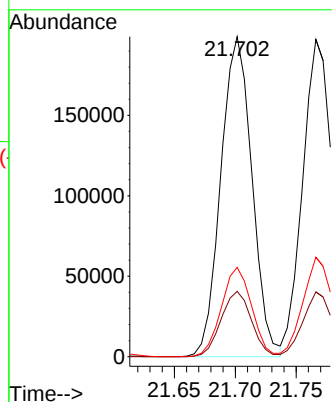


#85
 Benzo(a)anthracene
 Concen: 32.707 ng/ul
 RT: 21.702 min Scan# 3117
 Delta R.T. -0.001 min
 Lab File: BG053972.D
 Acq: 21 Jun 2022 10:55

Instrument :
 BNA_G
 ClientSampleId :

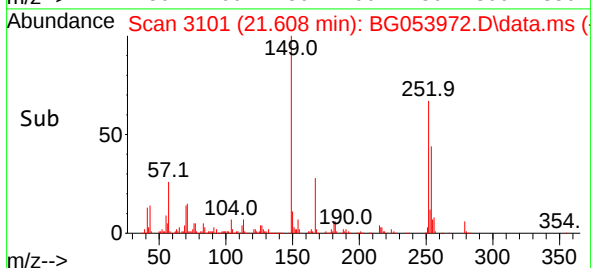
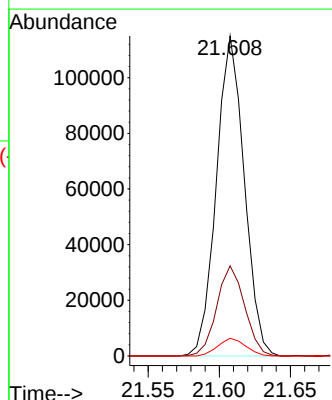
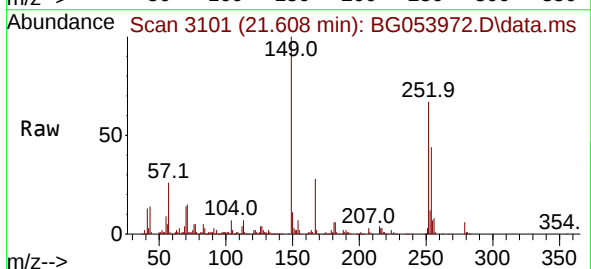


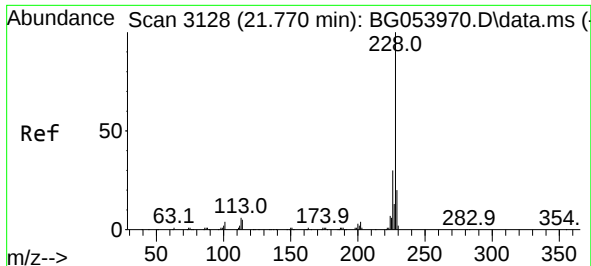
Tgt Ion:228 Resp: 354428
 Ion Ratio Lower Upper
 228 100
 229 20.4 16.5 24.7
 226 27.9 22.1 33.1



#86
 Bis(2-ethylhexyl)phthalate
 Concen: 34.953 ng/ul
 RT: 21.608 min Scan# 3101
 Delta R.T. -0.001 min
 Lab File: BG053972.D
 Acq: 21 Jun 2022 10:55

Tgt Ion:149 Resp: 156598
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.7 32.5
 279 5.6 3.9 5.9

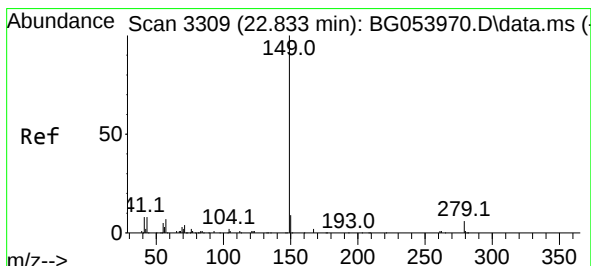
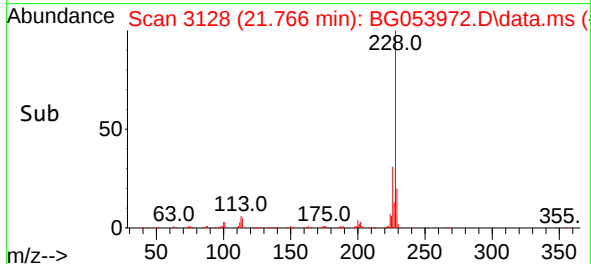
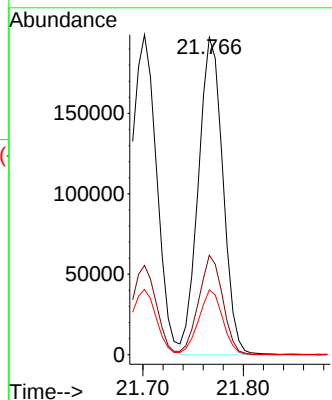
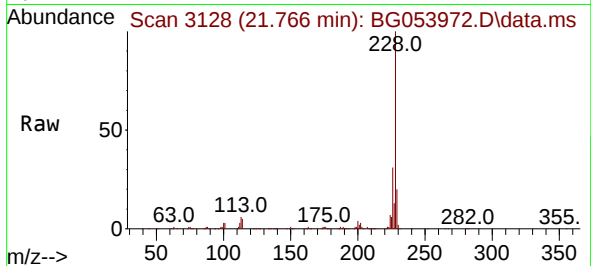




#87
Chrysene
Concen: 32.180 ng/ul
RT: 21.766 min Scan# 3128
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

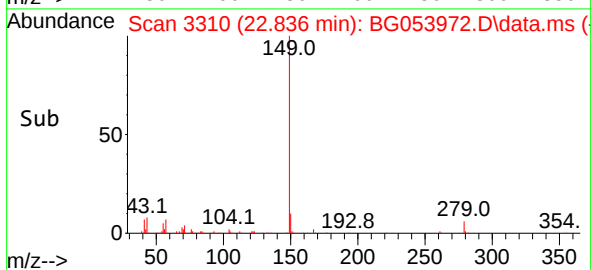
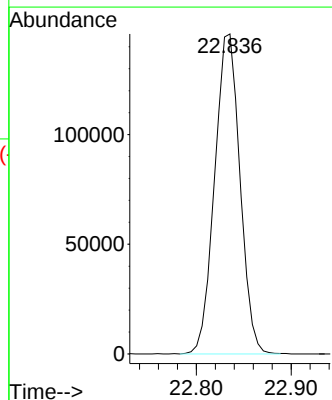
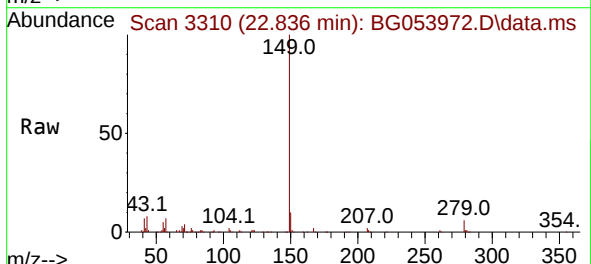
Instrument :
BNA_G
ClientSampleId :

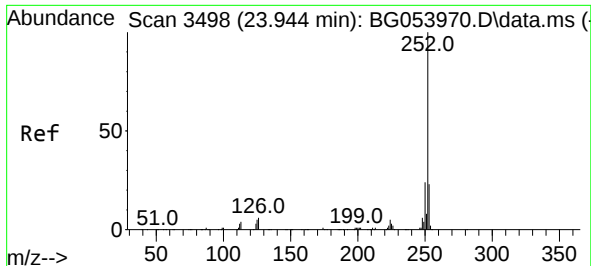
Tgt Ion:228 Resp: 334547
Ion Ratio Lower Upper
228 100
226 31.4 24.2 36.4
229 20.4 16.3 24.5



#89
Di-n-octyl phthalate
Concen: 34.646 ng/ul
RT: 22.836 min Scan# 3310
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Tgt Ion:149 Resp: 270995

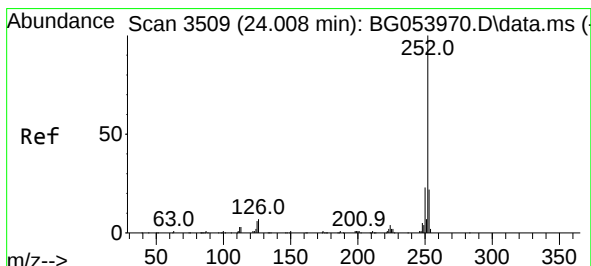
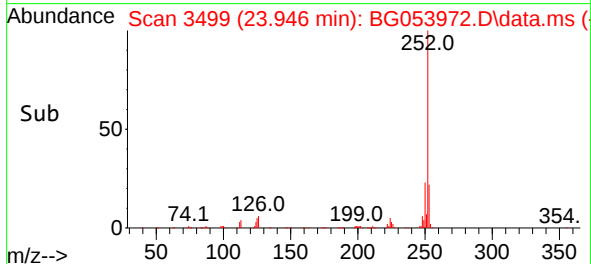
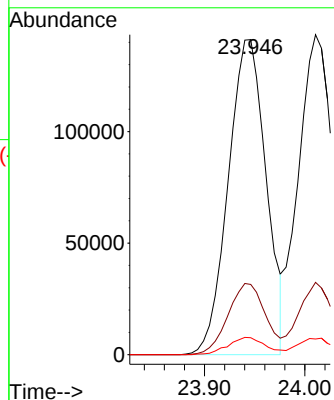
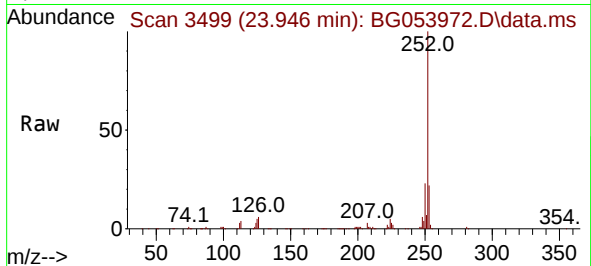




#90
Benzo(b)fluoranthene
Concen: 32.934 ng/ul
RT: 23.946 min Scan# 3498
Delta R.T. 0.005 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

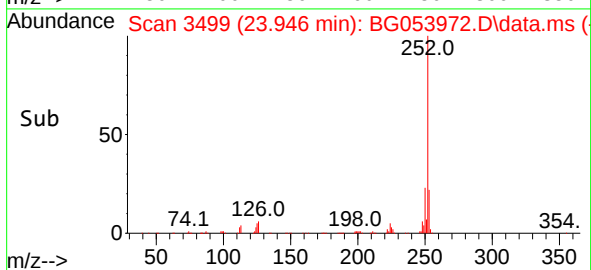
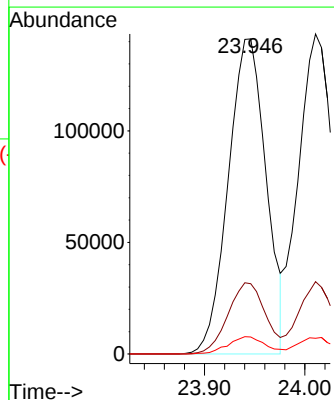
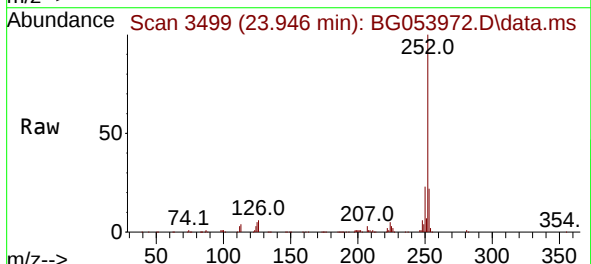
Instrument :
BNA_G
ClientSampleId :

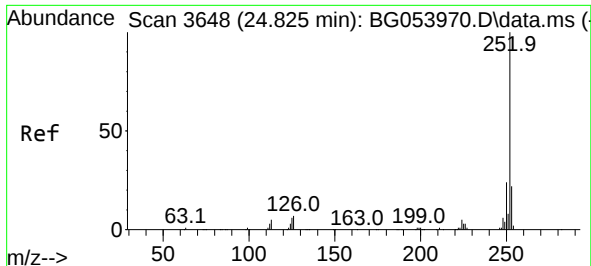
Tgt Ion:252 Resp: 370372
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 5.4 6.1 9.1#



#91
Benzo(k)fluoranthene
Concen: 34.395 ng/ul
RT: 23.946 min Scan# 3499
Delta R.T. -0.071 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Tgt Ion:252 Resp: 370372
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 5.4 5.4 8.0

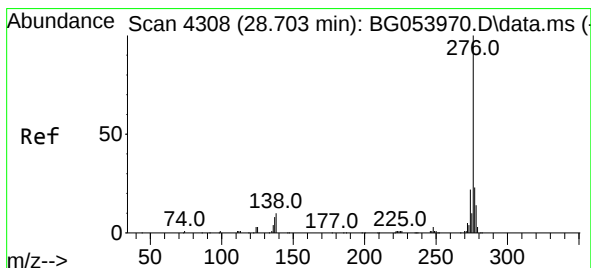
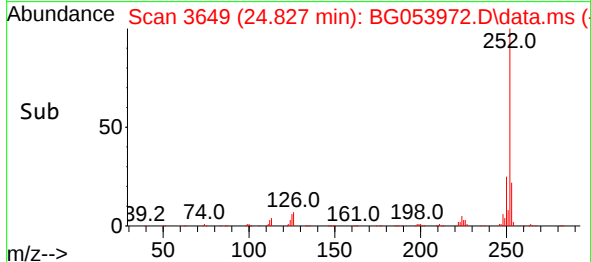
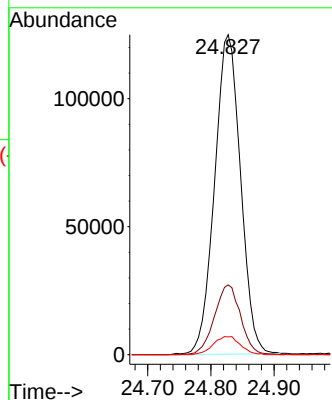
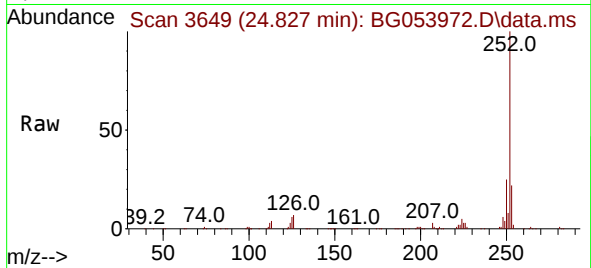




#93
Benzo(a)pyrene
Concen: 32.827 ng/ul
RT: 24.827 min Scan# 3648
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

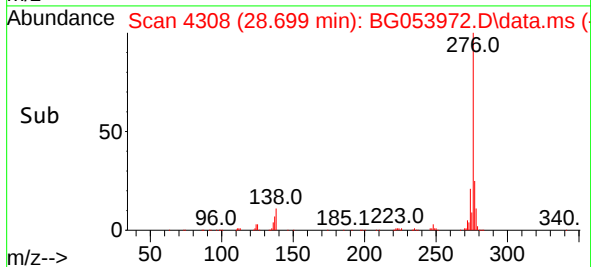
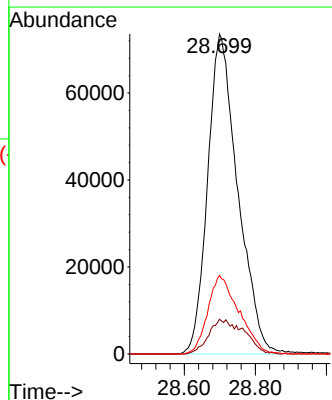
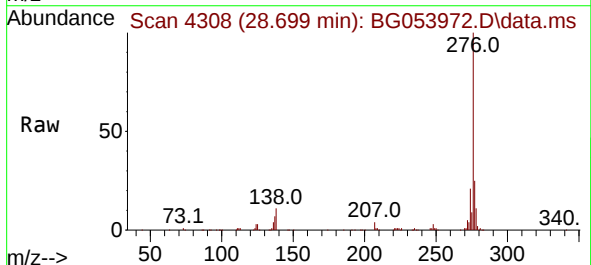
Instrument :
BNA_G
ClientSampleId :

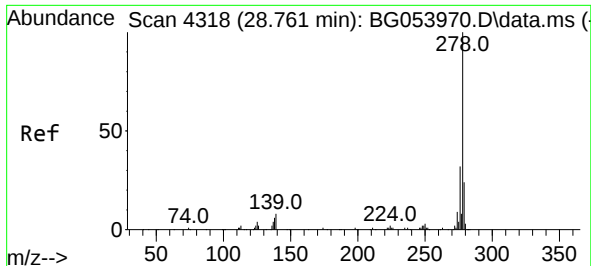
Tgt Ion:252 Resp: 355617
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 5.5 6.8 10.2#



#94
Indeno(1,2,3-cd)pyrene
Concen: 33.157 ng/ul
RT: 28.699 min Scan# 4308
Delta R.T. -0.001 min
Lab File: BG053972.D
Acq: 21 Jun 2022 10:55

Tgt Ion:276 Resp: 432153
Ion Ratio Lower Upper
276 100
138 10.9 10.1 15.1
277 24.6 19.9 29.9

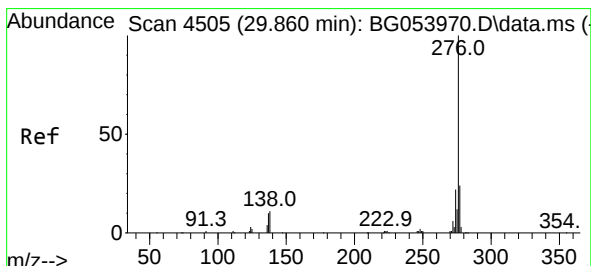
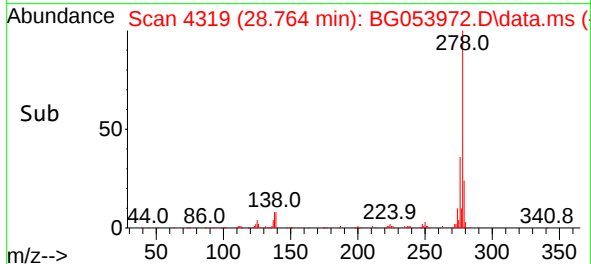
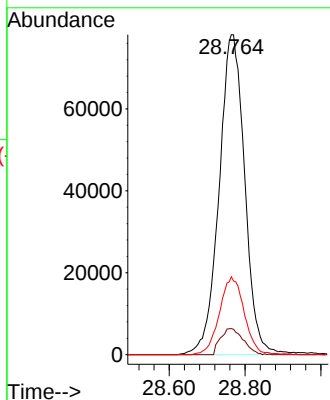
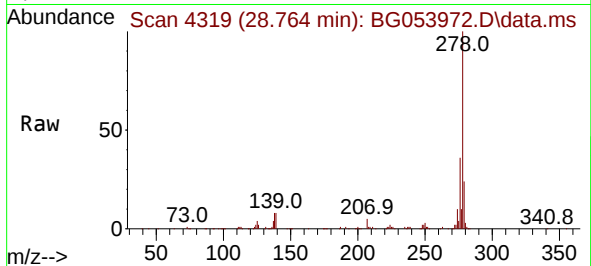




#95
 Dibenzo(a,h)anthracene
 Concen: 33.288 ng/ul
 RT: 28.764 min Scan# 4318
 Delta R.T. -0.001 min
 Lab File: BG053972.D
 Acq: 21 Jun 2022 10:55

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:278 Resp: 365128
 Ion Ratio Lower Upper
 278 100
 139 8.2 8.6 13.0#
 279 24.4 19.4 29.0



#96
 Benzo(g,h,i)perylene
 Concen: 33.232 ng/ul
 RT: 29.868 min Scan# 4507
 Delta R.T. 0.011 min
 Lab File: BG053972.D
 Acq: 21 Jun 2022 10:55

Tgt Ion:276 Resp: 365707
 Ion Ratio Lower Upper
 276 100
 138 10.5 11.3 16.9#
 277 22.8 18.6 27.8

