

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053122\
 Data File : BG053766.D
 Acq On : 31 May 2022 18:36
 Operator : CG/JU
 Sample : SSTD02023
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020423

Quant Time: May 31 23:15:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG053122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 31 23:09:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	21666	20.000	ng/u1	0.00
20) Naphthalene-d8	10.914	136	87594	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.727	164	60917	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.471	188	149851	20.000	ng/u1	0.00
79) Chrysene-d12	21.748	240	164872	20.000	ng/u1	0.00
88) Perylene-d12	25.026	264	163279	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	4334	7.066	ng/uL	0.00
4) Pyridine-d5	3.951	84	24520	16.013	ng/u1	0.00
7) Phenol-d5	7.247	99	32442	16.718	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.424	67	20873	17.612	ng/u1	0.00
11) 2-Chlorophenol-d4	7.635	132	25620	19.444	ng/u1	0.00
15) 4-Methylphenol-d8	8.798	113	26927	19.156	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	9898	15.698	ng/u1	0.00
24) 2-Nitrophenol-d4	9.985	143	9933	14.936	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.526	165	27842	19.243	ng/u1	0.00
31) 4-Chloroaniline-d4	11.037	131	37787	19.761	ng/u1	0.00
46) Dimethylphthalate-d6	14.128	166	92127	19.686	ng/u1	0.00
49) Acenaphthylene-d8	14.421	160	102177	17.967	ng/u1	0.00
54) 4-Nitrophenol-d4	14.891	143	11903	15.128	ng/u1	0.00
60) Fluorene-d10	15.714	176	80390	19.563	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.820	200	9882	12.958	ng/u1	0.00
73) Anthracene-d10	17.565	188	134647	19.296	ng/u1	0.00
81) Pyrene-d10	19.850	212	174616	18.932	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.803	264	161169	19.103	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.563	88	3913	5.207	ng/uL	100
5) Pyridine	3.969	79	24752	14.960	ng/u1	100
6) Benzaldehyde	7.236	77	21894	16.971	ng/u1	100
8) Phenol	7.271	94	34766	18.589	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.518	93	26536	18.808	ng/u1	100
12) 2-Chlorophenol	7.665	128	26307	19.541	ng/u1	100
13) 2-Methylphenol	8.534	108	26770	18.417	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.628	45	45614	19.890	ng/u1	100
16) Acetophenone	8.922	105	43653	19.906	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.910	70	24015	18.785	ng/u1	100
18) 4-Methylphenol	8.857	108	28456	18.790	ng/u1	100
19) Hexachloroethane	9.198	117	10993	18.404	ng/u1	100
22) Nitrobenzene	9.304	77	25539	13.862	ng/u1	100
23) Isophorone	9.833	82	63625	18.067	ng/u1	100
25) 2-Nitrophenol	10.015	139	10369	15.035	ng/u1	100
26) 2,4-Dimethylphenol	10.073	107	32830	19.211	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.314	93	36133	18.451	ng/u1	100
29) 2,4-Dichlorophenol	10.549	162	26994	19.190	ng/u1	100
30) Naphthalene	10.967	128	87139	19.223	ng/u1	100
32) 4-Chloroaniline	11.061	127	38065	20.258	ng/u1	100
33) Hexachlorobutadiene	11.260	225	23058	20.071	ng/u1	100
34) Caprolactam	11.818	113	2176	5.136	ng/u1	98
35) 4-Chloro-3-methylphenol	12.171	107	29035	19.028	ng/u1	100
36) 2-Methylnaphthalene	12.565	142	60964	19.057	ng/u1	100

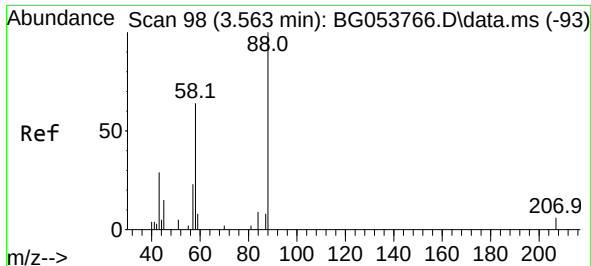
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.782	142	61184	18.892	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.929	216	41087	20.406	ng/ul	100
40) Hexachlorocyclopentadiene	12.911	237	27774	19.925	ng/ul	100
41) 2,4,6-Trichlorophenol	13.158	196	23449	19.058	ng/ul	100
42) 2,4,5-Trichlorophenol	13.229	196	26171	19.697	ng/ul	100
43) 1,1'-Biphenyl	13.563	154	85625	19.670	ng/ul	100
44) 2-Chloronaphthalene	13.605	162	67855	19.467	ng/ul	100
45) 2-Nitroaniline	13.798	65	13678	13.387	ng/ul	100
47) Dimethylphthalate	14.175	163	89168	19.966	ng/ul	100
48) 2,6-Dinitrotoluene	14.286	165	12337	15.249	ng/ul	100
50) Acenaphthylene	14.451	152	110741	20.163	ng/ul	100
51) 3-Nitroaniline	14.609	138	12507	15.316	ng/ul	100
52) Acenaphthene	14.791	153	72322	20.157	ng/ul	100
53) 2,4-Dinitrophenol	14.815	184	5669	11.279	ng/ul	100
55) 4-Nitrophenol	14.909	109	11523	13.915	ng/ul	100
56) Dibenzofuran	15.120	168	106851	20.088	ng/ul	100
57) 2,4-Dinitrotoluene	15.068	165	17832	15.535	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.344	232	22651	18.913	ng/ul	100
59) Diethylphthalate	15.538	149	90737	20.061	ng/ul	100
61) Fluorene	15.773	166	87238	19.786	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.761	204	48450	20.651	ng/ul	100
63) 4-Nitroaniline	15.773	138	12553	15.632	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.831	198	9412	12.614	ng/ul	100
67) N-Nitrosodiphenylamine	15.972	169	81219	20.046	ng/ul	100
68) 4-Bromophenyl-phenylether	16.660	248	31823	21.448	ng/ul	100
69) Hexachlorobenzene	16.777	284	36649	19.122	ng/ul	100
70) Atrazine	16.918	200	36595	22.039	ng/ul	100
71) Pentachlorophenol	17.112	266	19213	16.485	ng/ul	100
72) Phenanthrene	17.512	178	152827	19.432	ng/ul	100
74) Anthracene	17.600	178	156416	19.893	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.528	216	43850	19.648	ng/ul	100
76) Pentachlorobenzene	15.044	250	41298	19.287	ng/ul	100
77) Carbazole	17.864	167	140836	20.267	ng/ul	100
78) Di-n-butylphthalate	18.434	149	171628	20.770	ng/ul	100
80) Fluoranthene	19.515	202	200002	18.401	ng/ul	100
82) Pyrene	19.880	202	201219	18.626	ng/ul	100
83) Butylbenzylphthalate	20.767	149	72422	19.281	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.636	252	77707	21.029	ng/ul	100
85) Benzo(a)anthracene	21.730	228	202882	19.066	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.654	149	104925	20.169	ng/ul	100
87) Chrysene	21.795	228	195118	19.224	ng/ul	100
89) Di-n-octyl phthalate	22.888	149	179301	21.083	ng/ul	100
90) Benzo(b)fluoranthene	23.987	252	204897	19.434	ng/ul	100
91) Benzo(k)fluoranthene	24.051	252	186520	19.169	ng/ul	100
93) Benzo(a)pyrene	24.874	252	192796	19.368	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.769	276	221964	19.717	ng/ul	100
95) Dibenzo(a,h)anthracene	28.840	278	191710	20.036	ng/ul	100
96) Benzo(g,h,i)perylene	29.927	276	187868	19.742	ng/ul	100

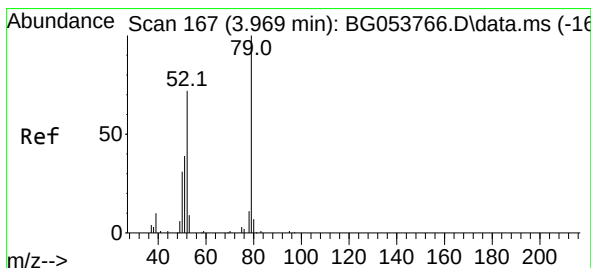
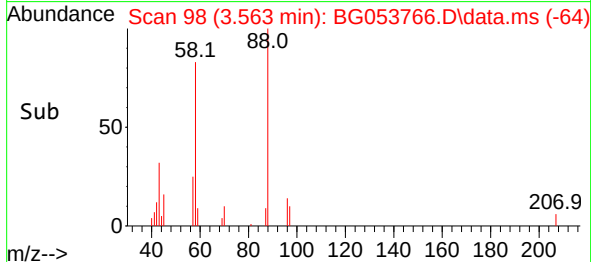
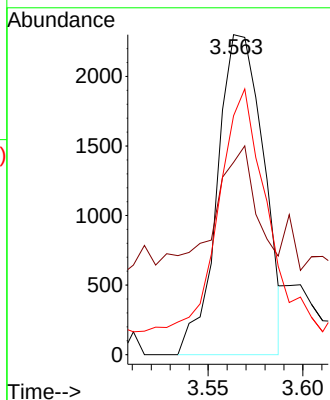
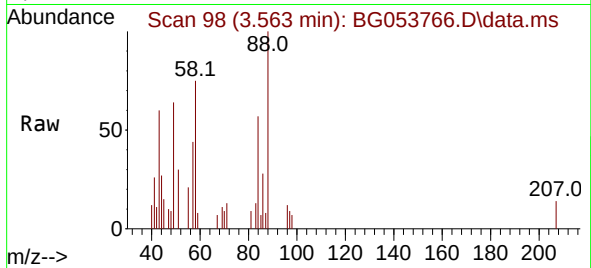
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#2
 1,4-Dioxane
 Concen: 5.207 ng/uL
 RT: 3.563 min Scan# 98
 Delta R.T. 0.000 min
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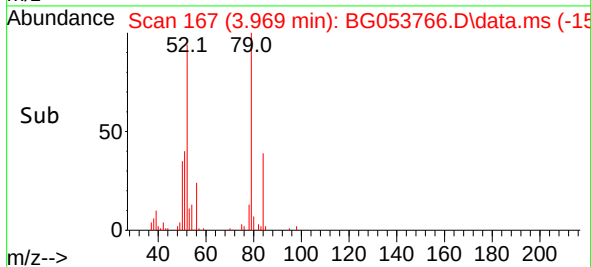
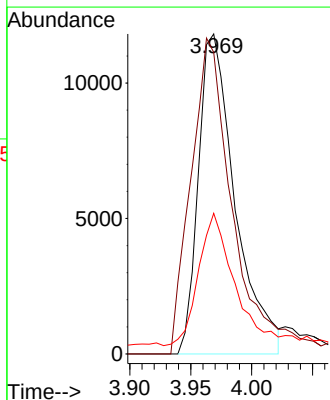
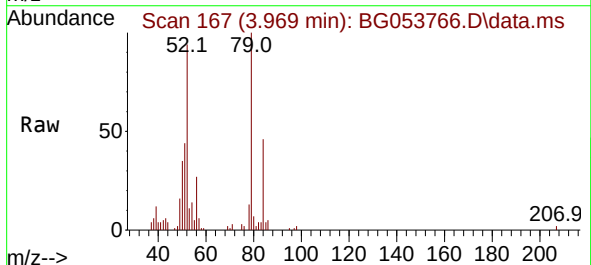
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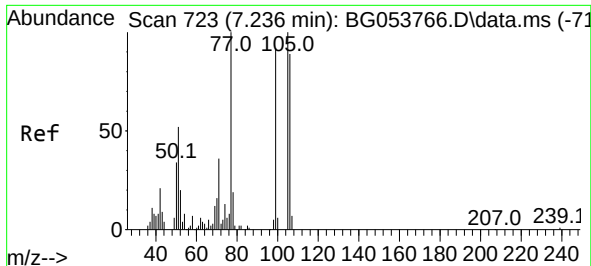
Tgt Ion: 88	Resp:	3913
Ion	Ratio	Lower Upper
88	100	
43	60.1	48.1 72.1
58	74.7	59.8 89.6



#5
 Pyridine
 Concen: 14.960 ng/uL
 RT: 3.969 min Scan# 167
 Delta R.T. 0.000 min
 Lab File: BG053766.D
 Acq: 31 May 2022 18:36

Tgt Ion: 79	Resp:	24752
Ion	Ratio	Lower Upper
79	100	
52	94.3	75.4 113.2
51	44.0	35.2 52.8

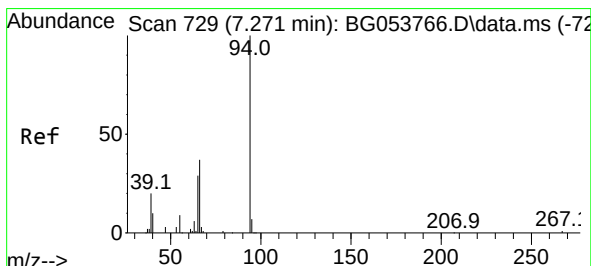
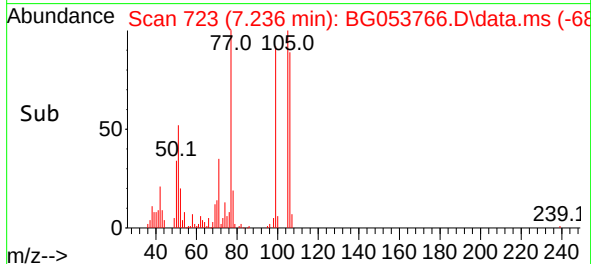
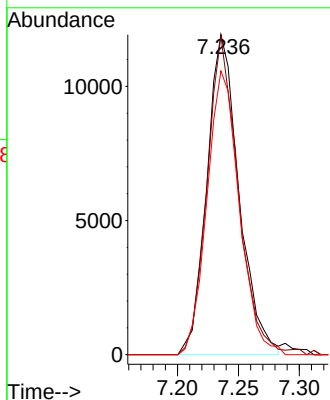
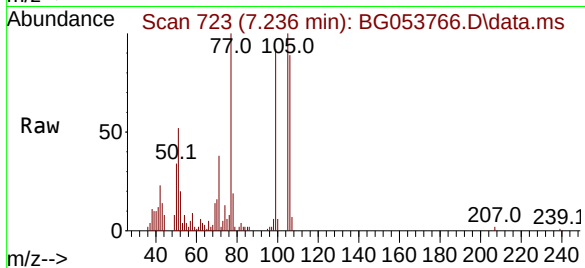




#6
Benzaldehyde
Concen: 16.971 ng/ul
RT: 7.236 min Scan# 723
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

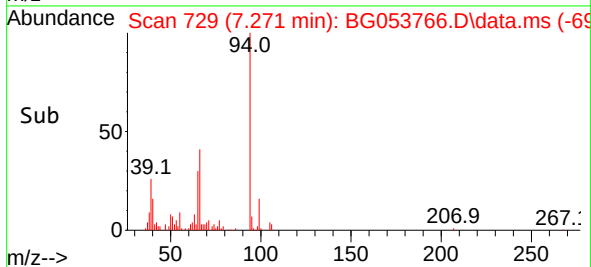
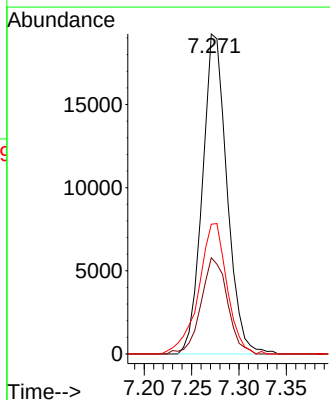
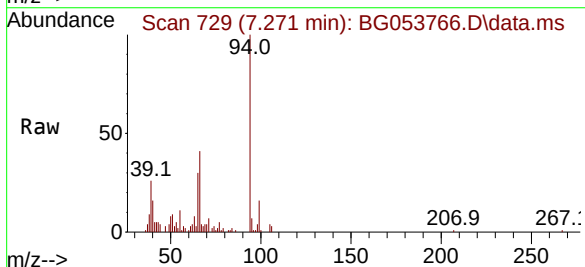
Instrument :
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ClientSampleId :
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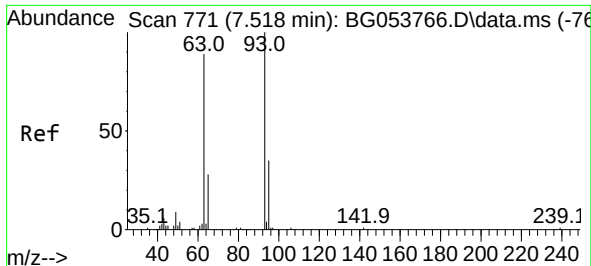
Tgt Ion: 77 Resp: 21894
Ion Ratio Lower Upper
77 100
105 99.6 79.7 119.5
106 88.7 71.0 106.4



#8
Phenol
Concen: 18.589 ng/ul
RT: 7.271 min Scan# 729
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion: 94 Resp: 34766
Ion Ratio Lower Upper
94 100
65 30.1 24.1 36.1
66 40.6 32.5 48.7

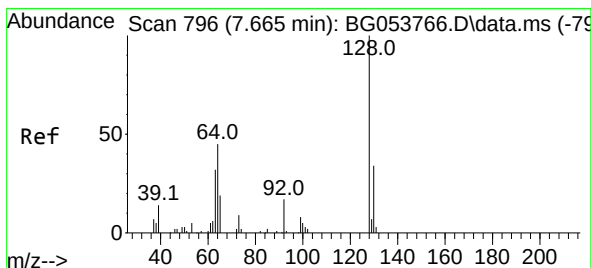
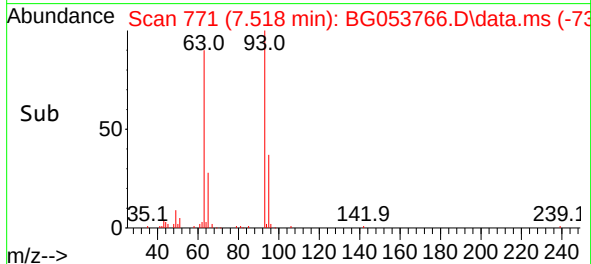
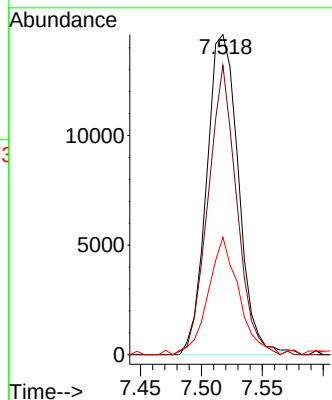
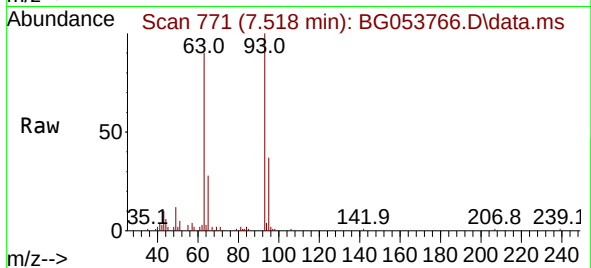




#10
Bis(2-Chloroethyl)ether
Concen: 18.808 ng/ul
RT: 7.518 min Scan# 771
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

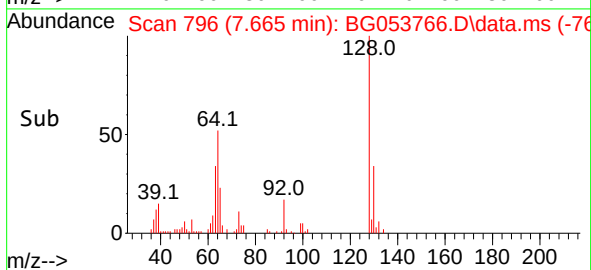
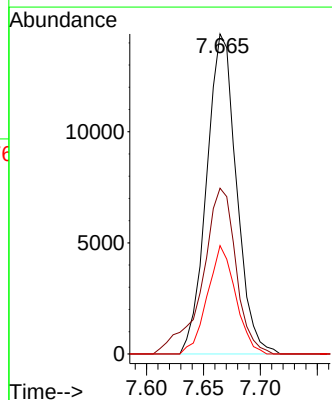
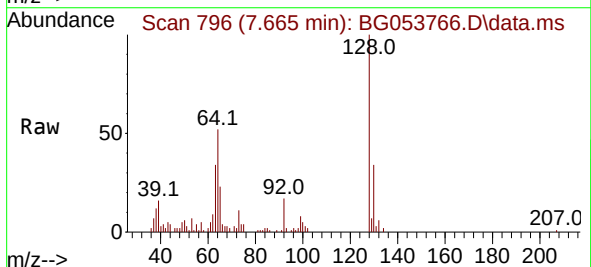
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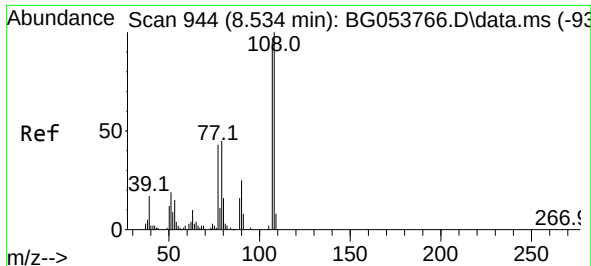
Tgt Ion: 93 Resp: 26536
Ion Ratio Lower Upper
93 100
63 90.4 72.3 108.5
95 36.7 29.4 44.0



#12
2-Chlorophenol
Concen: 19.541 ng/ul
RT: 7.665 min Scan# 796
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion: 128 Resp: 26307
Ion Ratio Lower Upper
128 100
64 51.8 41.4 62.2
130 33.8 27.0 40.6

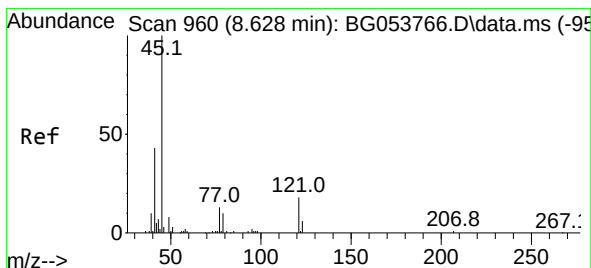
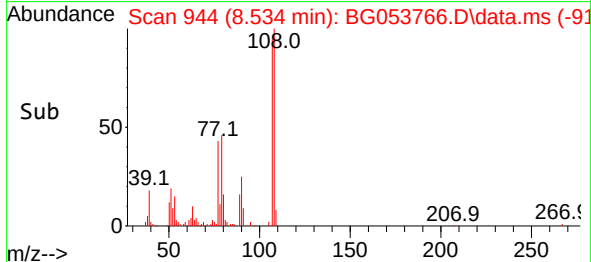
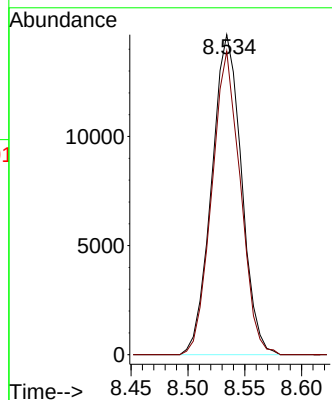
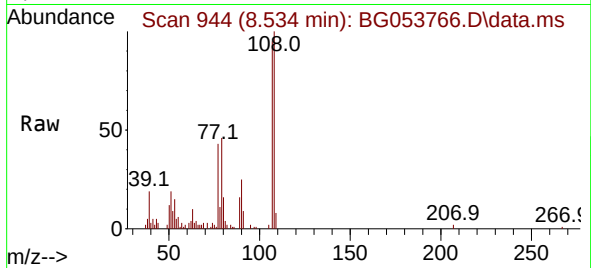




#13
2-Methylphenol
Concen: 18.417 ng/ul
RT: 8.534 min Scan# 944
Delta R.T. 0.000 min
Lab File: BG053766.D
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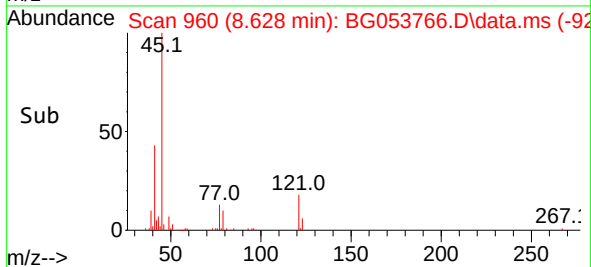
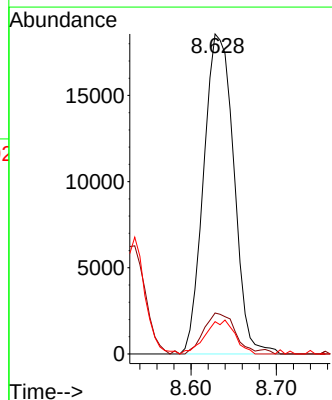
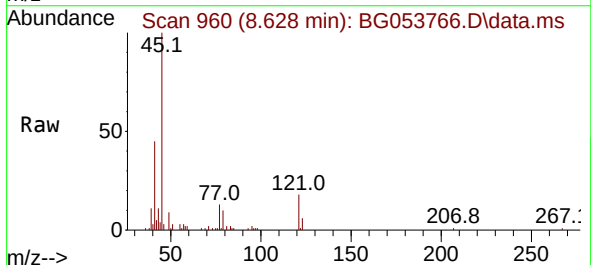
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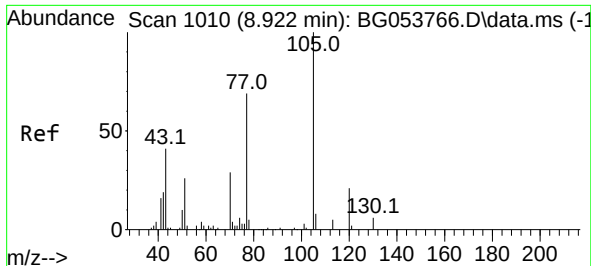
Tgt Ion:108 Resp: 26770
Ion Ratio Lower Upper
108 100
107 94.8 75.8 113.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 19.890 ng/ul
RT: 8.628 min Scan# 960
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion: 45 Resp: 45614
Ion Ratio Lower Upper
45 100
77 12.8 10.2 15.4
79 10.1 8.1 12.1

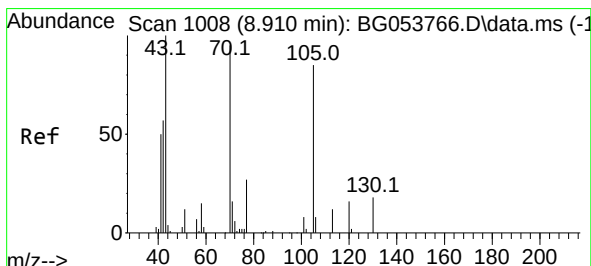
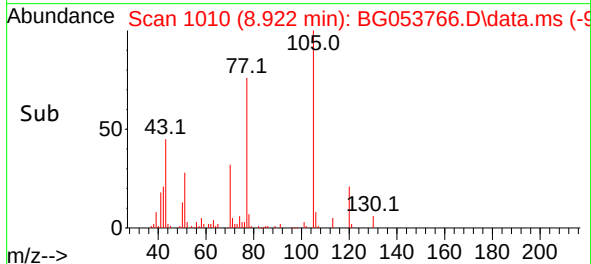
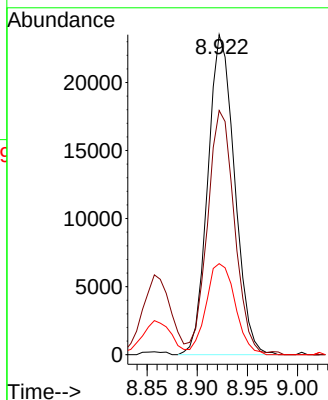
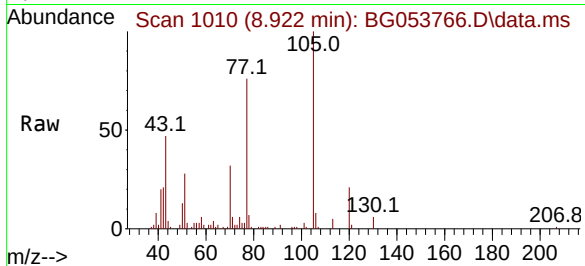




#16
Acetophenone
Concen: 19.906 ng/ul
RT: 8.922 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BG053766.D
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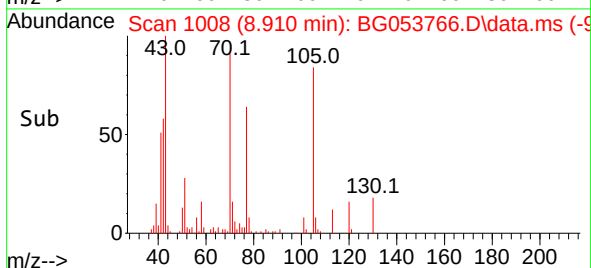
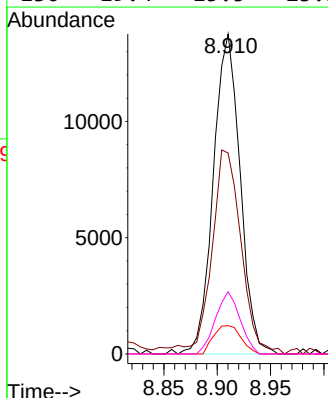
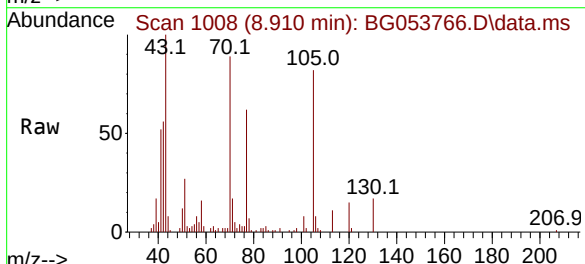
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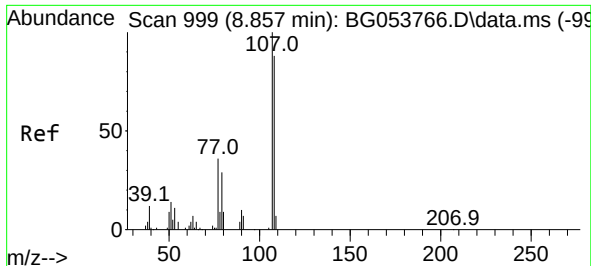
Tgt Ion:105 Resp: 43653
Ion Ratio Lower Upper
105 100
77 76.3 61.0 91.6
51 28.5 22.8 34.2



#17
N-Nitroso-di-n-propylamine
Concen: 18.785 ng/ul
RT: 8.910 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion: 70 Resp: 24015
Ion Ratio Lower Upper
70 100
42 62.8 50.2 75.4
101 8.9 7.1 10.7
130 19.4 15.5 23.3

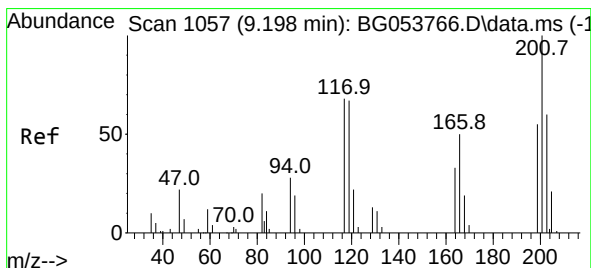
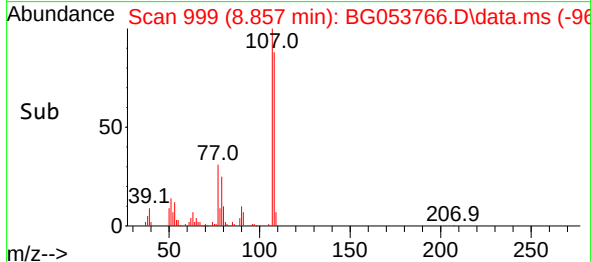
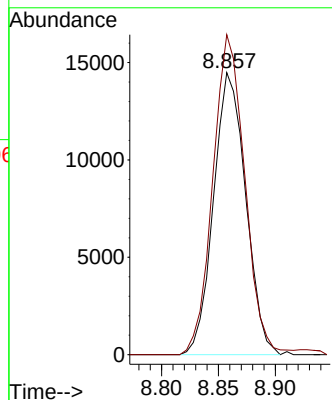
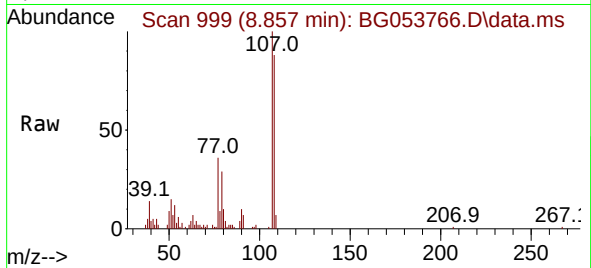




#18
4-Methylphenol
Concen: 18.790 ng/ul
RT: 8.857 min Scan# 999
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

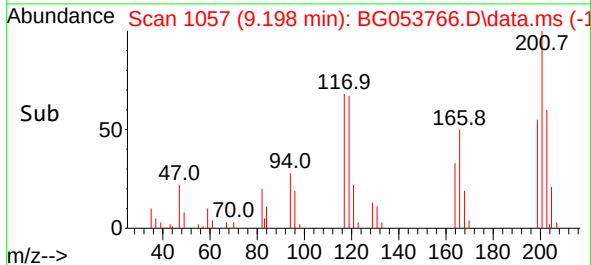
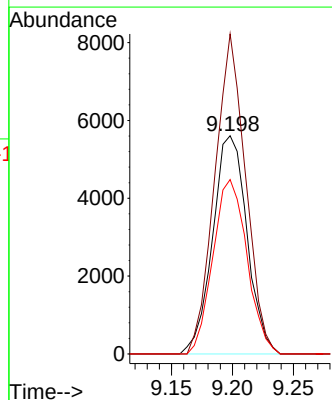
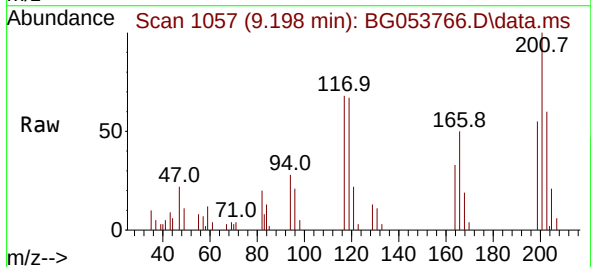
Instrument :
BNA_G
ClientSampleId :
SSTD020423

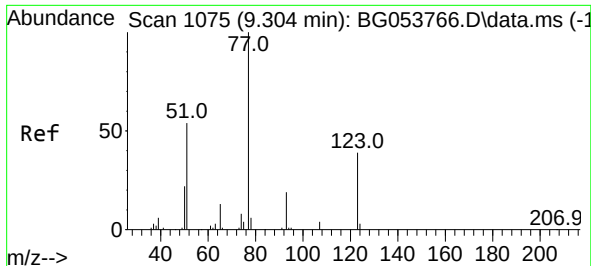
Tgt Ion:108 Resp: 28456
Ion Ratio Lower Upper
108 100
107 113.4 90.7 136.1



#19
Hexachloroethane
Concen: 18.404 ng/ul
RT: 9.198 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion:117 Resp: 10993
Ion Ratio Lower Upper
117 100
201 146.7 117.4 176.0
199 80.0 64.0 96.0

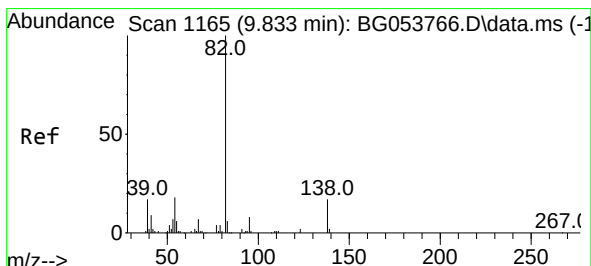
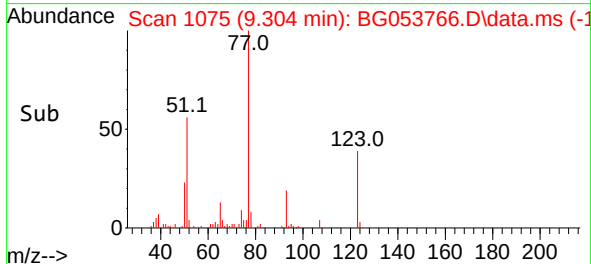
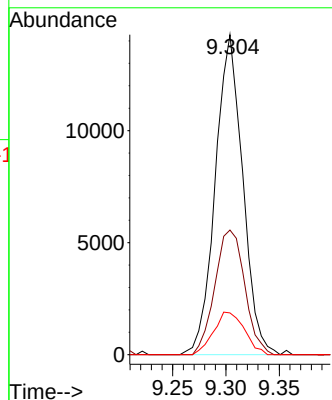
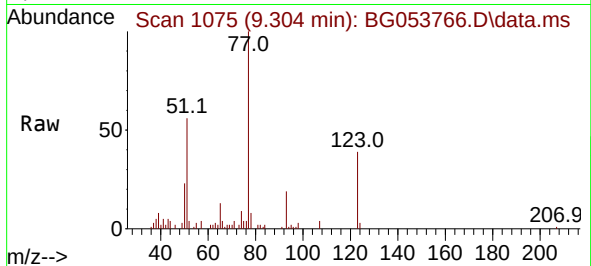




#22
Nitrobenzene
Concen: 13.862 ng/ul
RT: 9.304 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

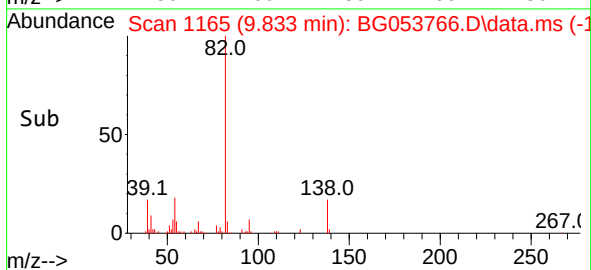
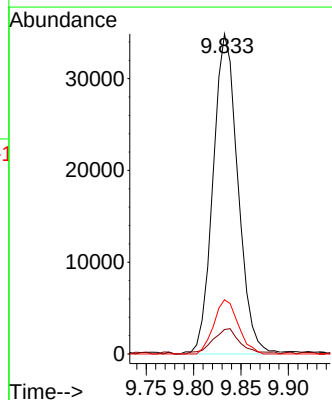
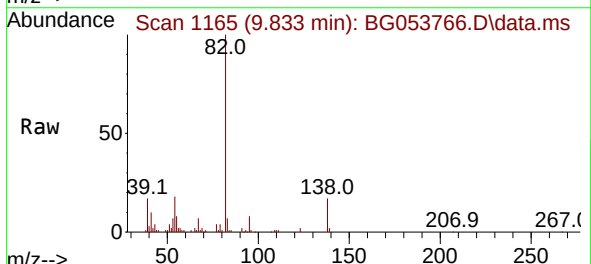
Instrument :
BNA_G
ClientSampleId :
SSTD020423

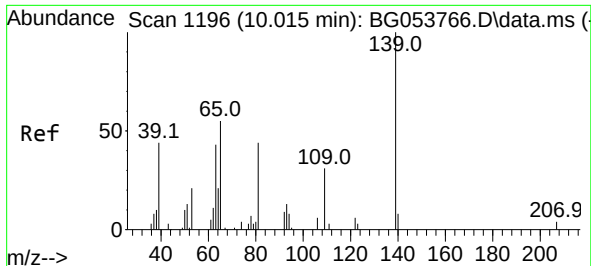
Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.0	31.2	46.8
65	13.1	10.5	15.7



#23
Isophorone
Concen: 18.067 ng/ul
RT: 9.833 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.1	9.1
138	17.0	13.6	20.4

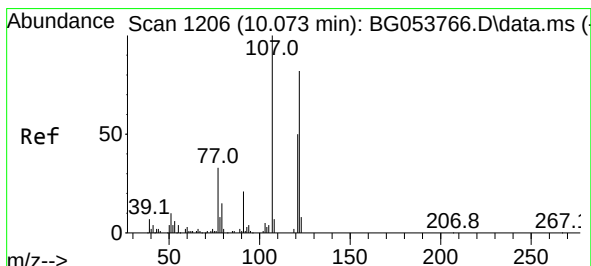
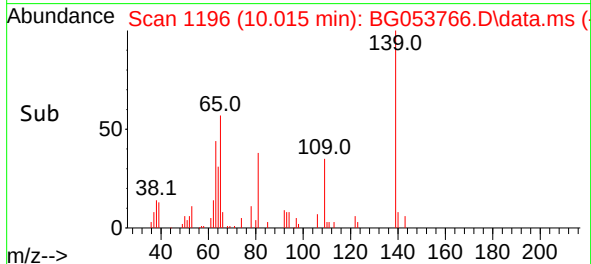
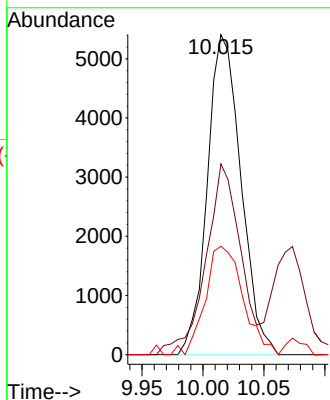
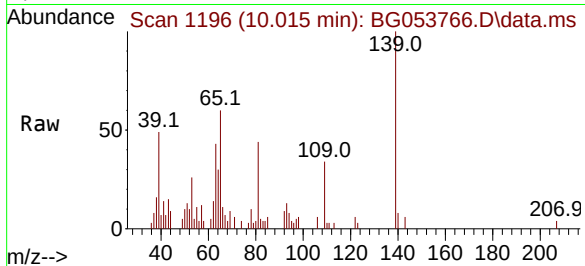




#25
2-Nitrophenol
Concen: 15.035 ng/ul
RT: 10.015 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

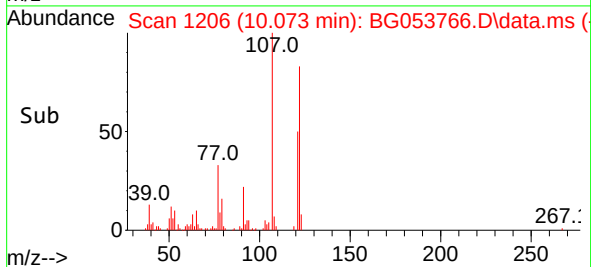
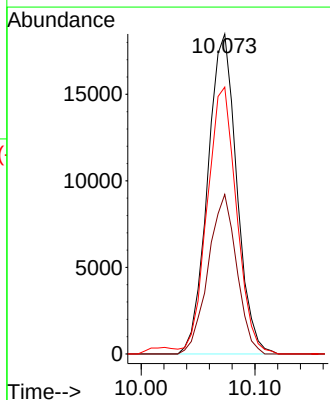
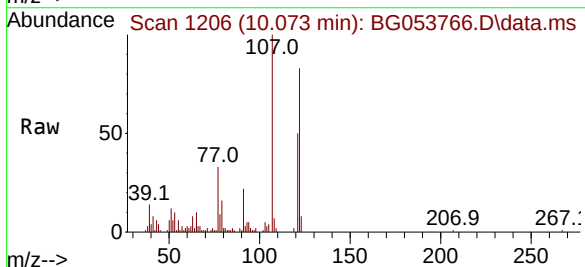
Instrument :
BNA_G
ClientSampleId :
SSTD020423

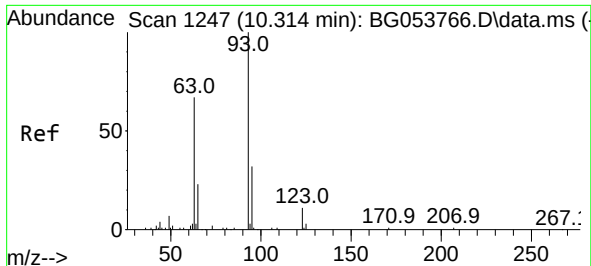
Tgt Ion	Ratio	Lower	Upper
139	100		
65	59.6	47.7	71.5
109	33.9	27.1	40.7



#26
2,4-Dimethylphenol
Concen: 19.211 ng/ul
RT: 10.073 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion	Ratio	Lower	Upper
107	100		
121	49.9	39.9	59.9
122	83.4	66.7	100.1





#27

Bis(2-Chloroethoxy)methane

Concen: 18.451 ng/ul

RT: 10.314 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BG053766.D

Acq: 31 May 2022 18:36

Instrument :

BNA_G

ClientSampleId :

SSTD020423

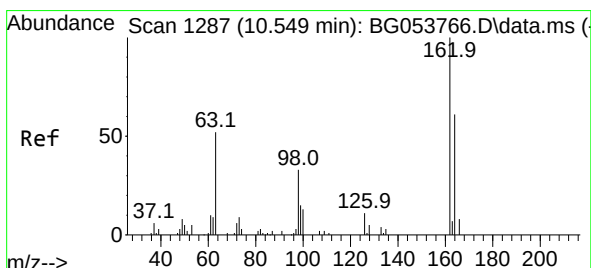
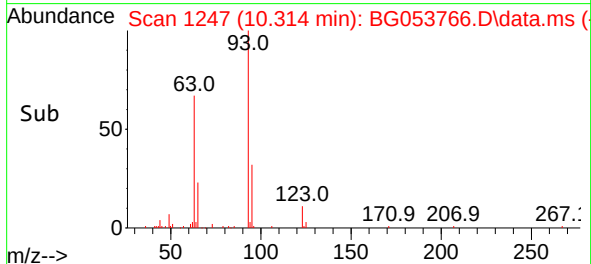
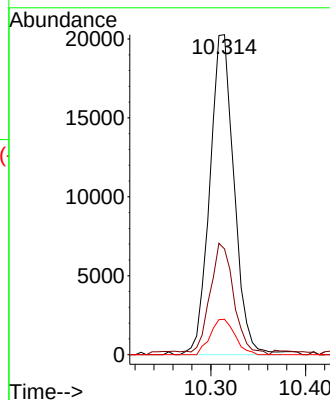
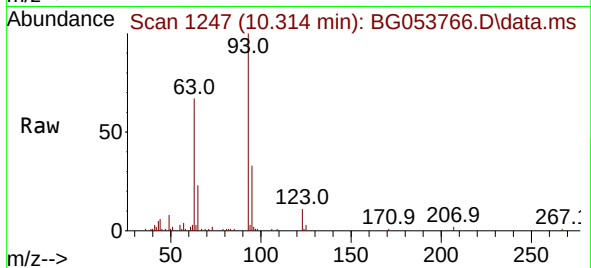
Tgt Ion: 93 Resp: 36133

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

123 11.0 8.8 13.2



#29

2,4-Dichlorophenol

Concen: 19.190 ng/ul

RT: 10.549 min Scan# 1287

Delta R.T. 0.000 min

Lab File: BG053766.D

Acq: 31 May 2022 18:36

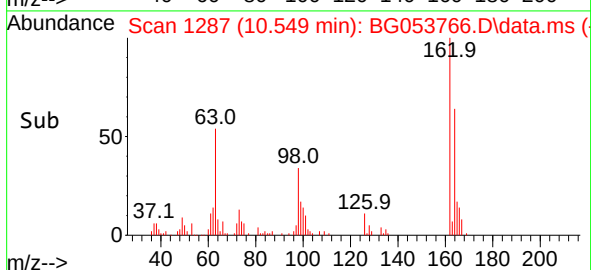
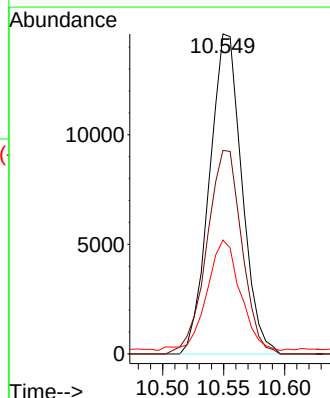
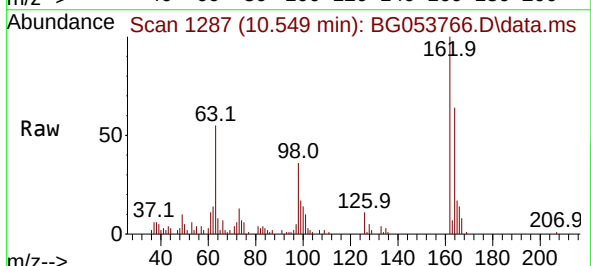
Tgt Ion:162 Resp: 26994

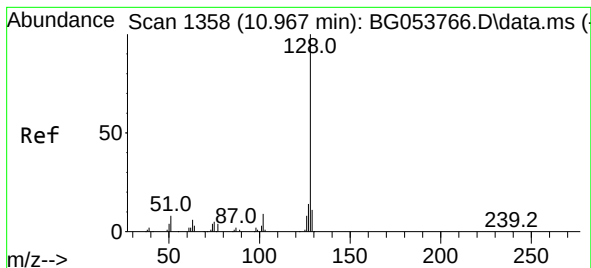
Ion Ratio Lower Upper

162 100

164 63.6 50.9 76.3

98 35.6 28.5 42.7

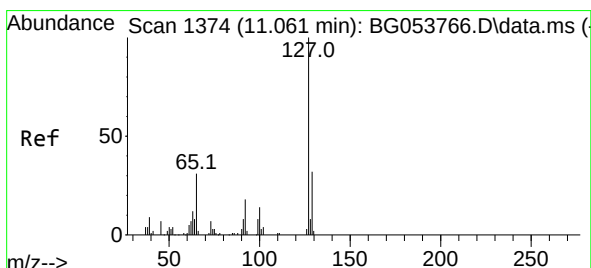
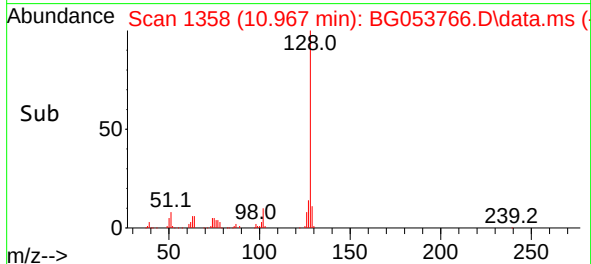
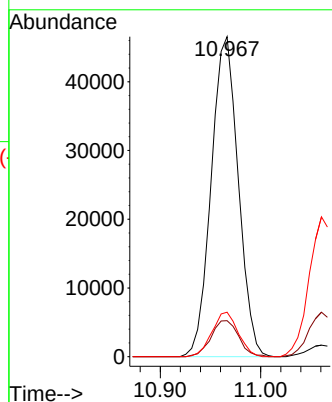
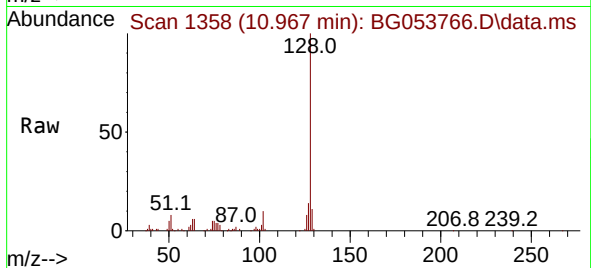




#30
Naphthalene
Concen: 19.223 ng/ul
RT: 10.967 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

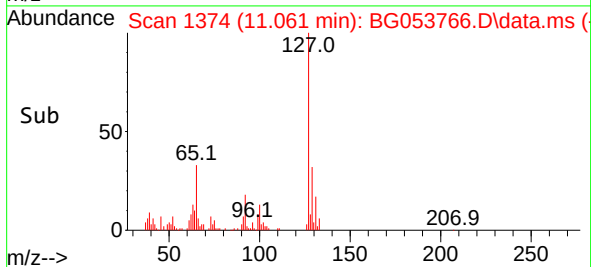
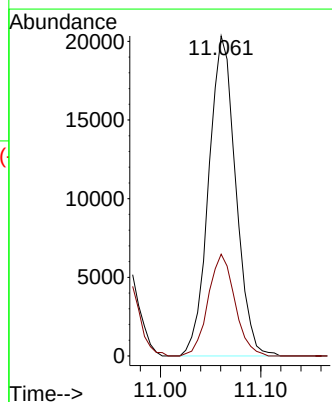
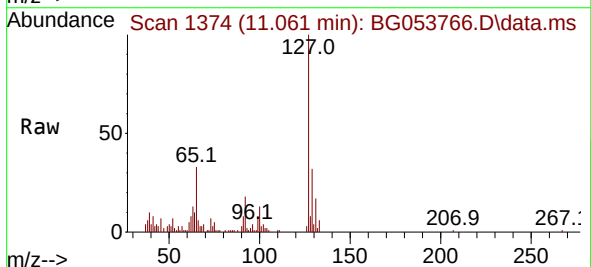
Instrument :
BNA_G
ClientSampleId :
SSTD020423

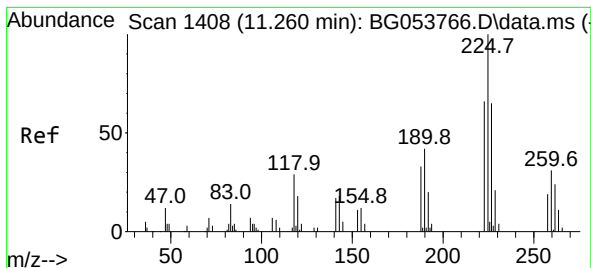
Tgt Ion:128 Resp: 87139
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.9 11.1 16.7



#32
4-Chloroaniline
Concen: 20.258 ng/ul
RT: 11.061 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion:127 Resp: 38065
Ion Ratio Lower Upper
127 100
129 31.8 25.4 38.2

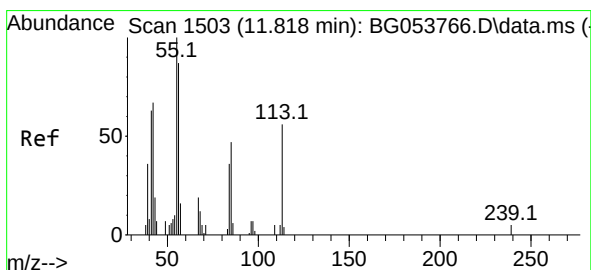
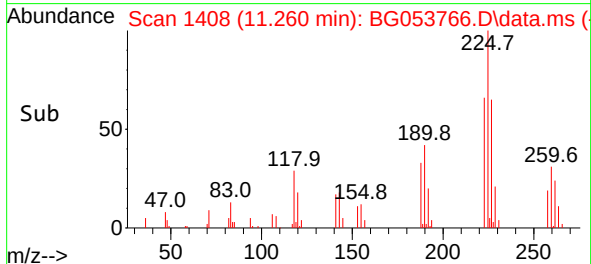
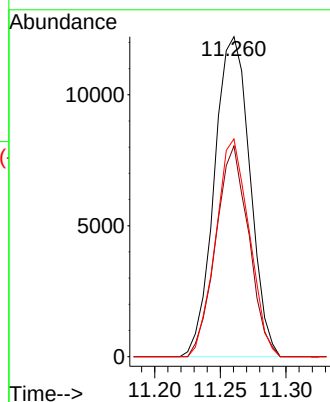
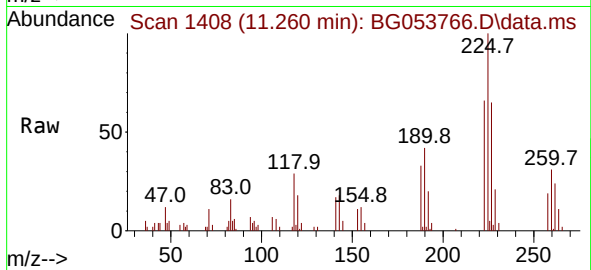




#33
Hexachlorobutadiene
Concen: 20.071 ng/ul
RT: 11.260 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

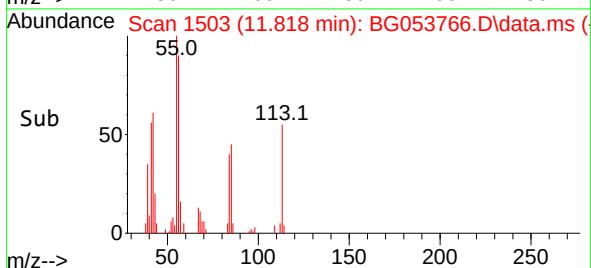
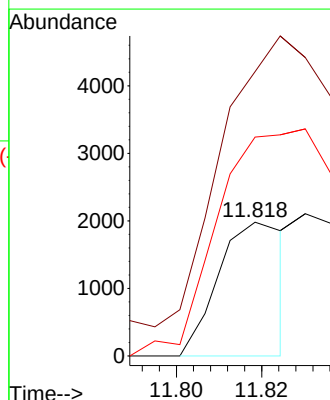
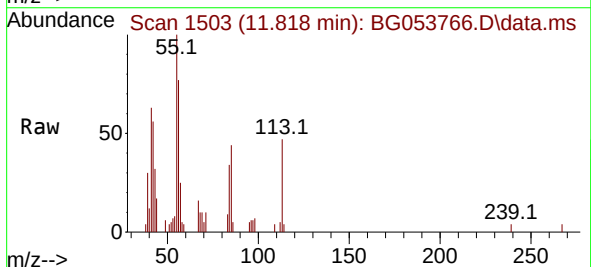
Instrument :
BNA_G
ClientSampleId :
SSTD020423

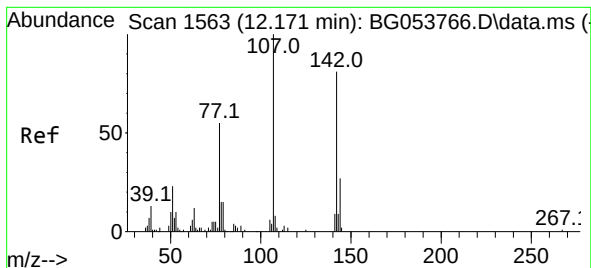
Tgt Ion:225 Resp: 23058
Ion Ratio Lower Upper
225 100
223 62.7 50.2 75.2
227 64.7 51.8 77.6



#34
Caprolactam
Concen: 5.136 ng/ul
RT: 11.818 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion:113 Resp: 2176
Ion Ratio Lower Upper
113 100
55 212.6 167.8 251.6
56 163.6 127.6 191.4

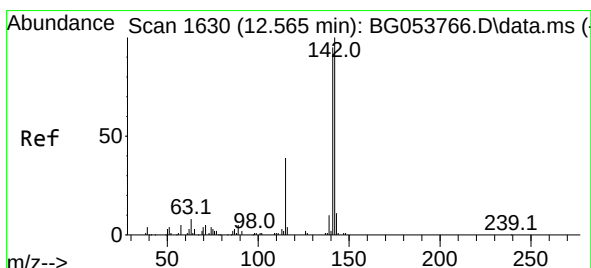
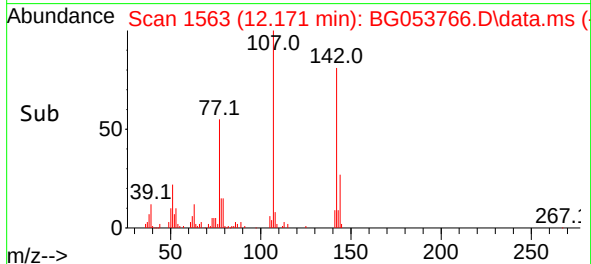
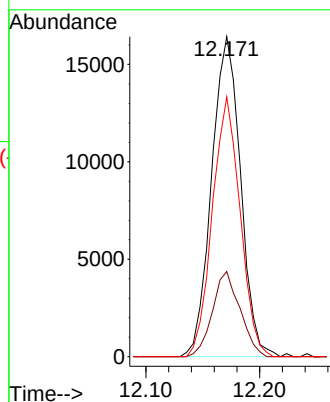
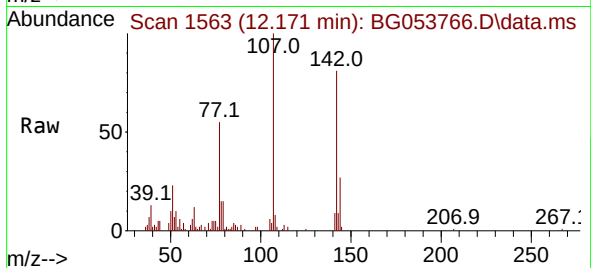




#35
4-Chloro-3-methylphenol
Concen: 19.028 ng/ul
RT: 12.171 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

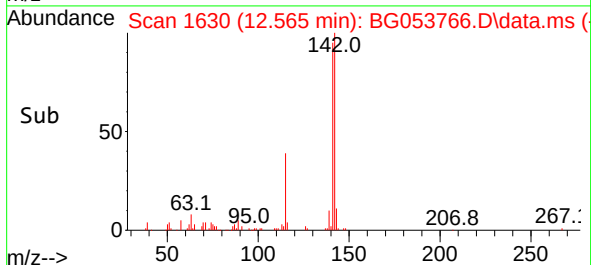
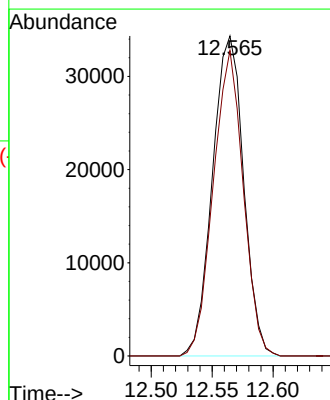
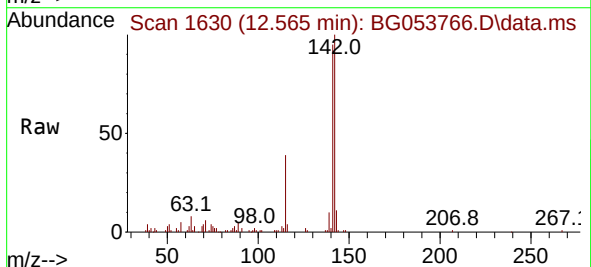
Instrument :
BNA_G
ClientSampleId :
SSTD020423

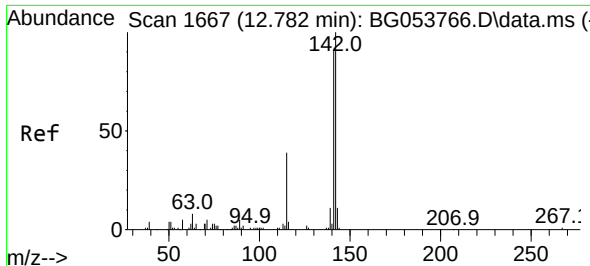
Tgt Ion:	107	Resp:	29035
Ion Ratio	Lower	Upper	
107	100		
144	26.6	21.3	31.9
142	81.2	65.0	97.4



#36
2-Methylnaphthalene
Concen: 19.057 ng/ul
RT: 12.565 min Scan# 1630
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion:	142	Resp:	60964
Ion Ratio	Lower	Upper	
142	100		
141	95.4	76.3	114.5





#37

1-Methylnaphthalene

Concen: 18.892 ng/ul

RT: 12.782 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG053766.D

Acq: 31 May 2022 18:36

Instrument :

BNA_G

ClientSampleId :

SSTD020423

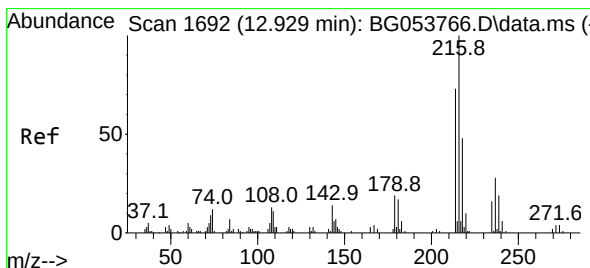
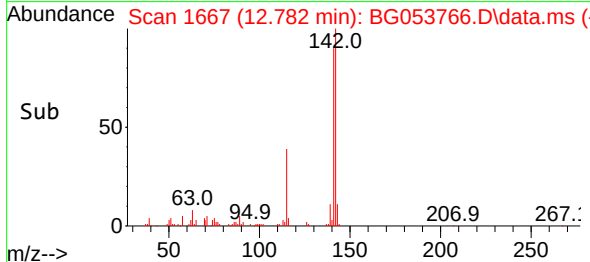
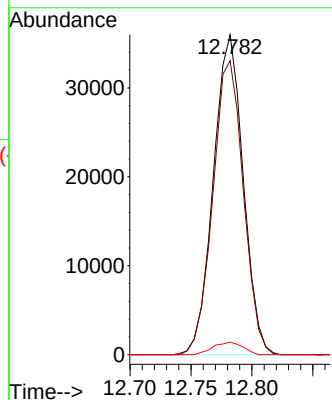
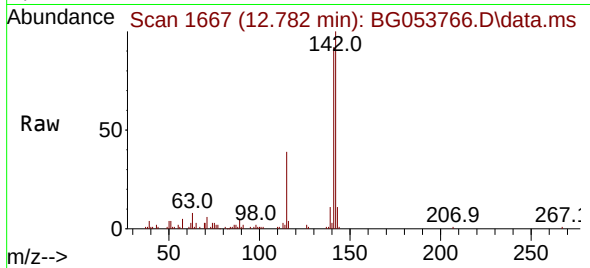
Tgt Ion:142 Resp: 61184

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.2

116 4.0 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.406 ng/ul

RT: 12.929 min Scan# 1692

Delta R.T. 0.000 min

Lab File: BG053766.D

Acq: 31 May 2022 18:36

Tgt Ion:216 Resp: 41087

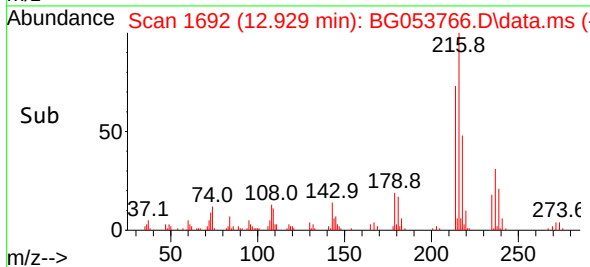
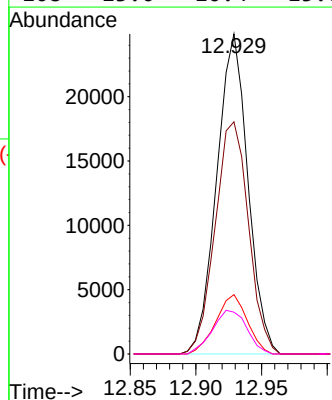
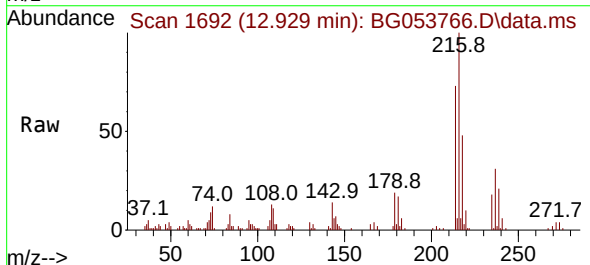
Ion Ratio Lower Upper

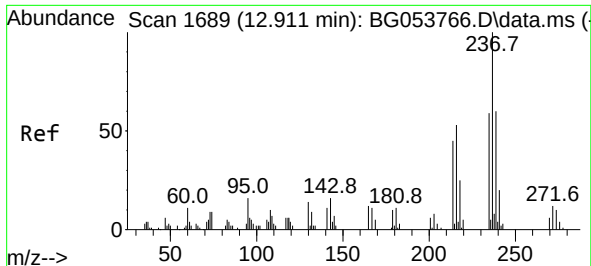
216 100

214 72.6 58.1 87.1

179 18.5 14.8 22.2

108 13.0 10.4 15.6

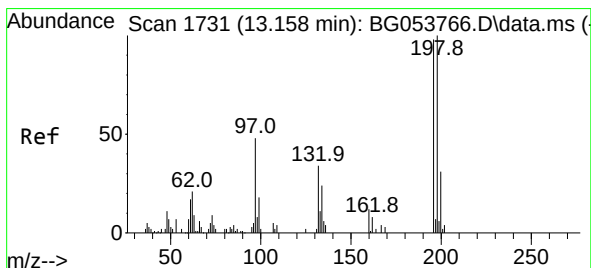
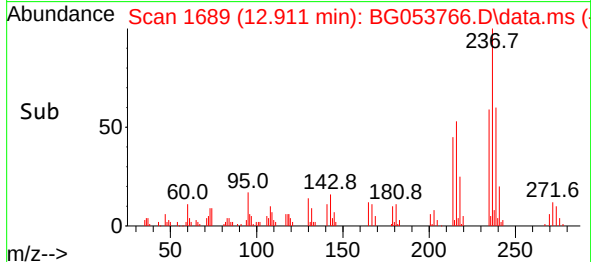
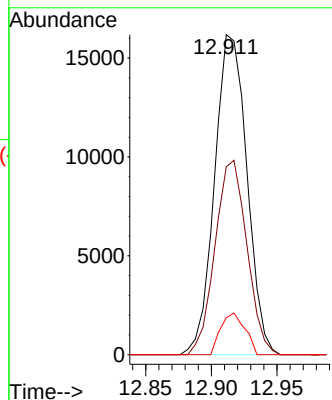
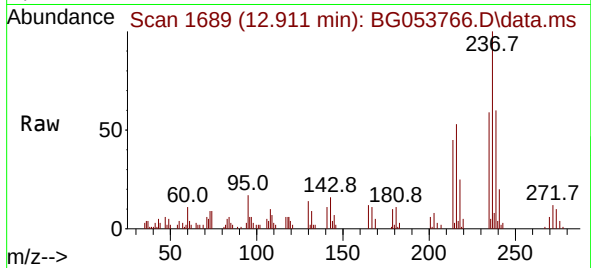




#40
Hexachlorocyclopentadiene
Concen: 19.925 ng/ul
RT: 12.911 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

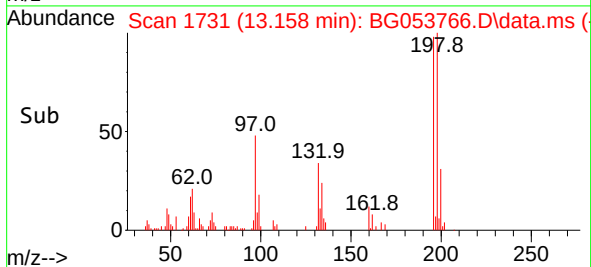
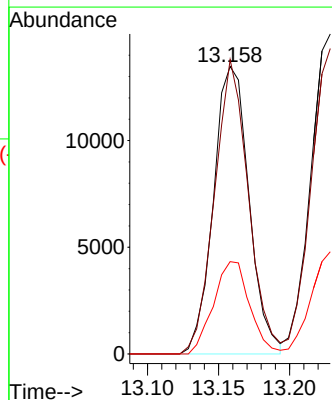
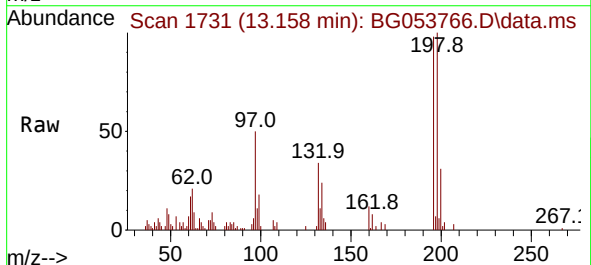
Instrument :
BNA_G
ClientSampleId :
SSTD020423

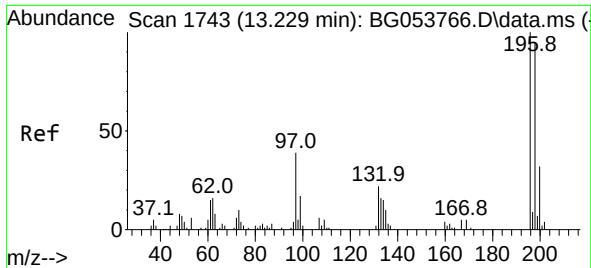
Tgt Ion:237 Resp: 27774
Ion Ratio Lower Upper
237 100
235 58.8 47.0 70.6
272 10.7 8.6 12.8



#41
2,4,6-Trichlorophenol
Concen: 19.058 ng/ul
RT: 13.158 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion:196 Resp: 23449
Ion Ratio Lower Upper
196 100
198 102.4 81.9 122.9
200 32.1 25.7 38.5

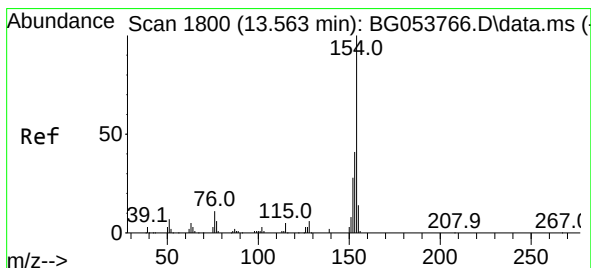
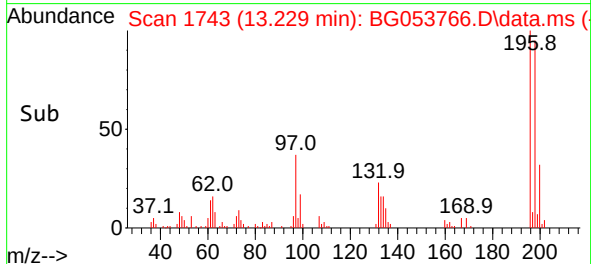
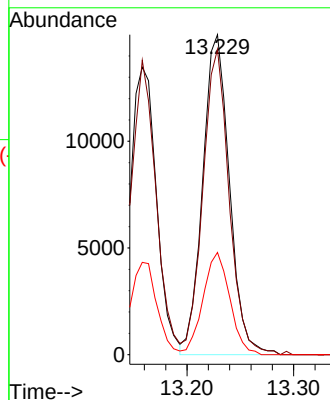
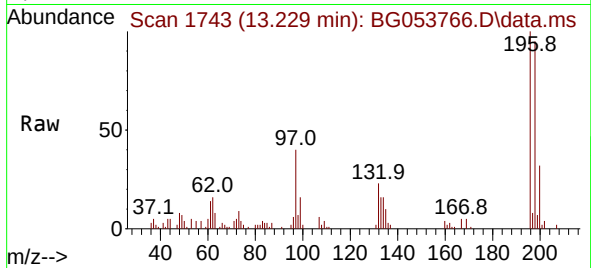




#42
2,4,5-Trichlorophenol
Concen: 19.697 ng/ul
RT: 13.229 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

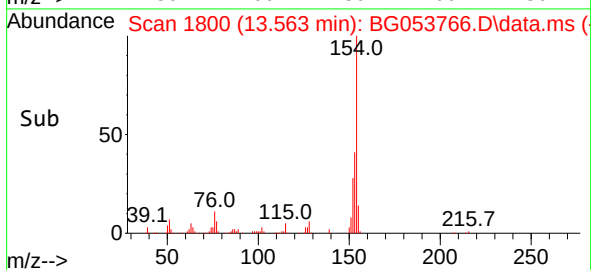
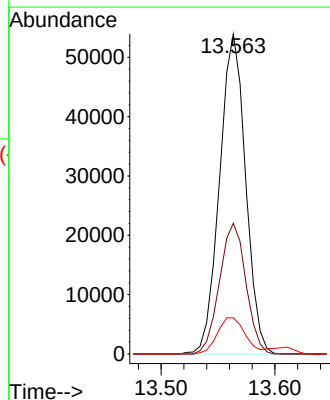
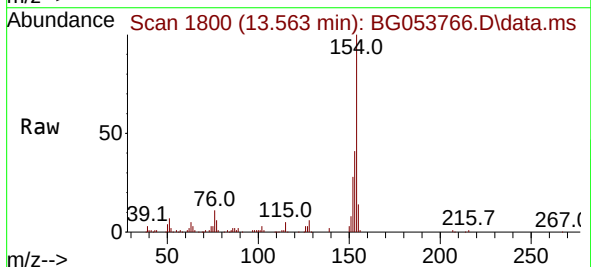
Instrument :
BNA_G
ClientSampleId :
SSTD020423

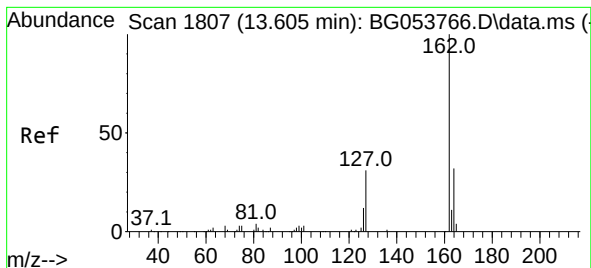
Tgt Ion:196 Resp: 26171
Ion Ratio Lower Upper
196 100
198 95.4 76.3 114.5
200 31.9 25.5 38.3



#43
1,1'-Biphenyl
Concen: 19.670 ng/ul
RT: 13.563 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion:154 Resp: 85625
Ion Ratio Lower Upper
154 100
153 40.9 32.7 49.1
76 11.3 9.0 13.6





#44

2-Chloronaphthalene

Concen: 19.467 ng/ul

RT: 13.605 min Scan# 1807

Delta R.T. 0.000 min

Lab File: BG053766.D

Acq: 31 May 2022 18:36

Instrument :

BNA_G

ClientSampleId :

SSTD020423

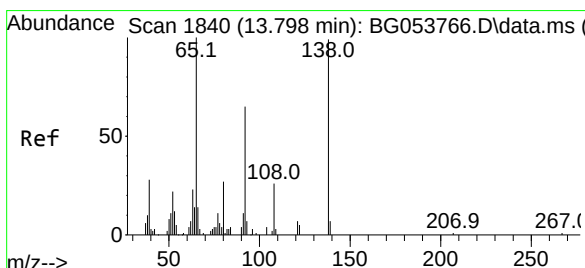
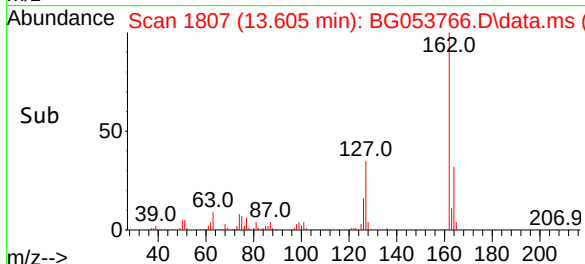
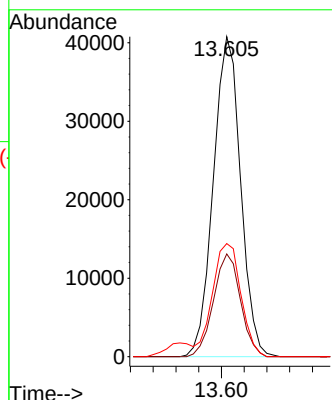
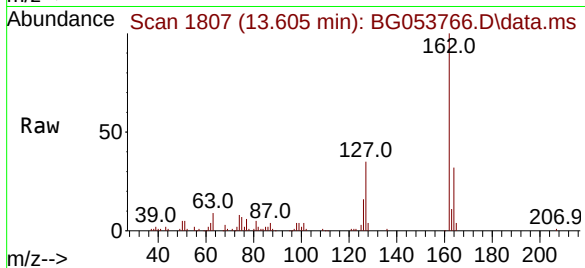
Tgt Ion:162 Resp: 67855

Ion Ratio Lower Upper

162 100

164 32.1 25.7 38.5

127 35.4 28.3 42.5



#45

2-Nitroaniline

Concen: 13.387 ng/ul

RT: 13.798 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BG053766.D

Acq: 31 May 2022 18:36

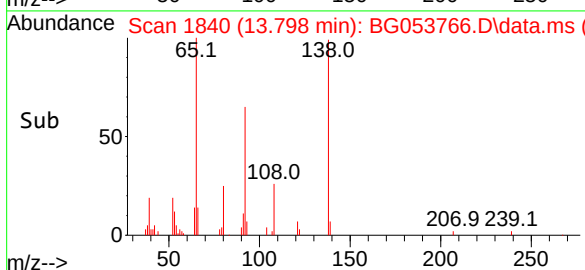
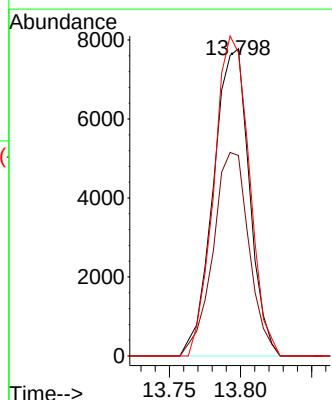
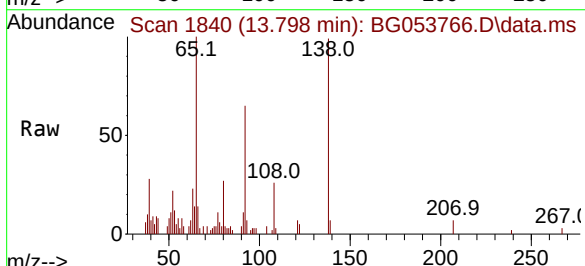
Tgt Ion: 65 Resp: 13678

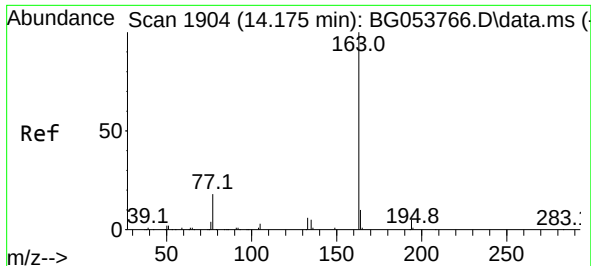
Ion Ratio Lower Upper

65 100

92 65.3 52.2 78.4

138 98.7 79.0 118.4

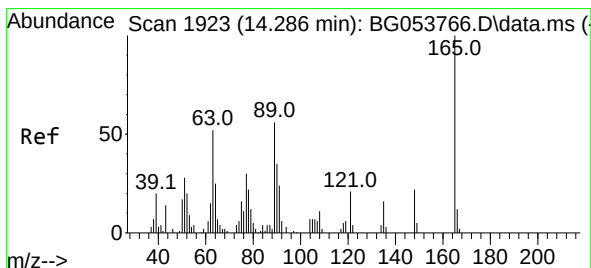
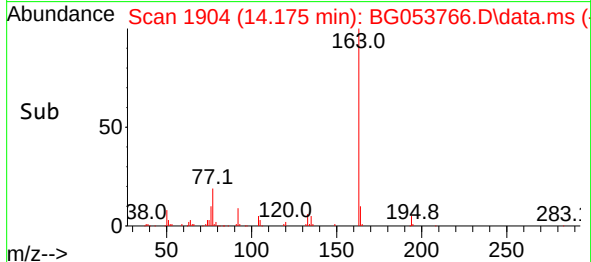
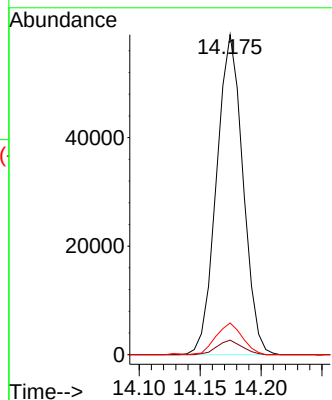
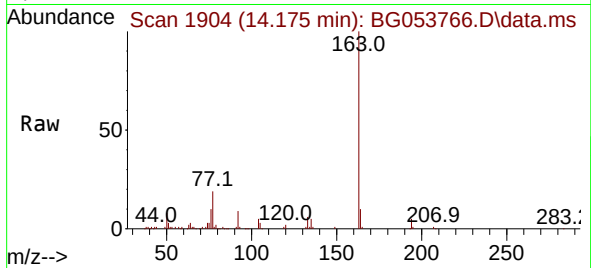




#47
Dimethylphthalate
Concen: 19.966 ng/ul
RT: 14.175 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

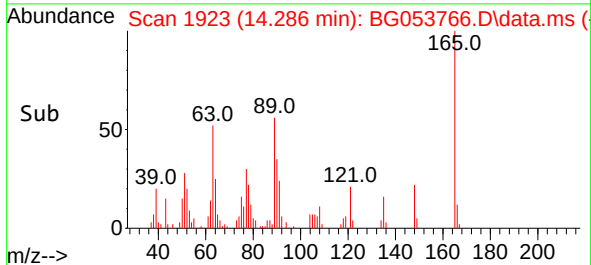
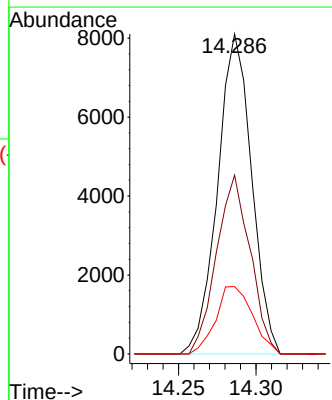
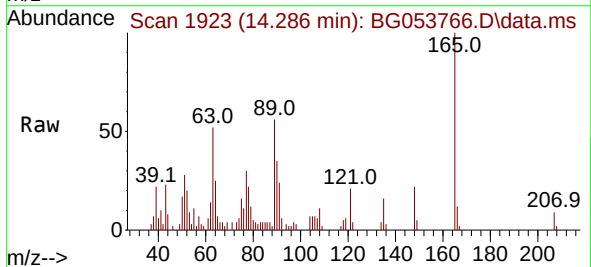
Instrument :
BNA_G
ClientSampleId :
SSTD020423

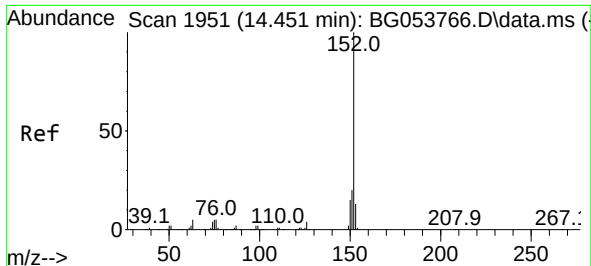
Tgt Ion:163 Resp: 89168
Ion Ratio Lower Upper
163 100
194 4.6 3.7 5.5
164 9.9 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 15.249 ng/ul
RT: 14.286 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion:165 Resp: 12337
Ion Ratio Lower Upper
165 100
89 55.9 44.7 67.1
121 21.1 16.9 25.3

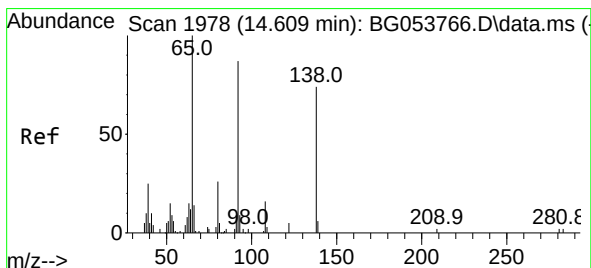
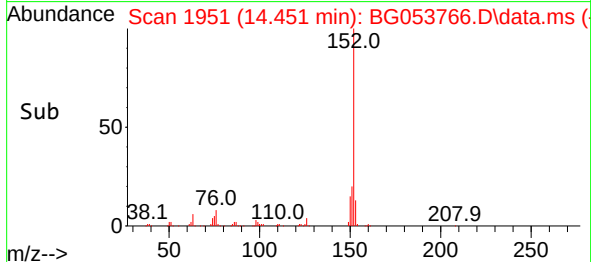
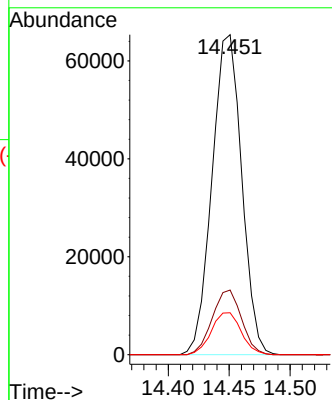
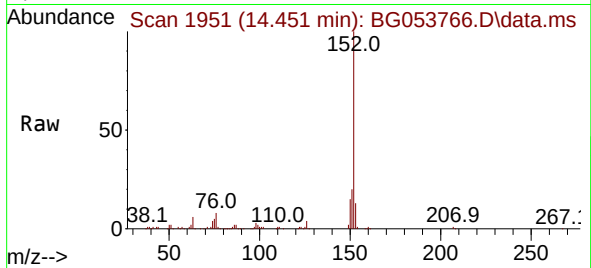




#50
Acenaphthylene
Concen: 20.163 ng/ul
RT: 14.451 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

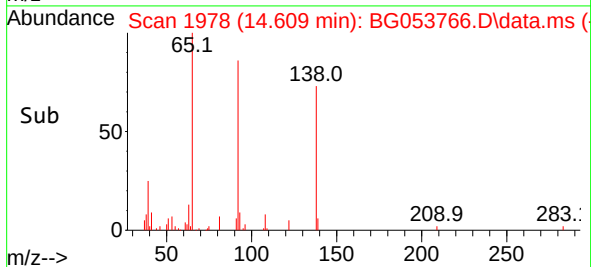
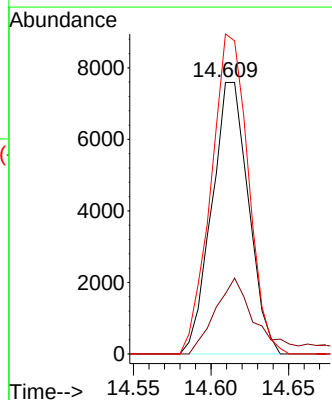
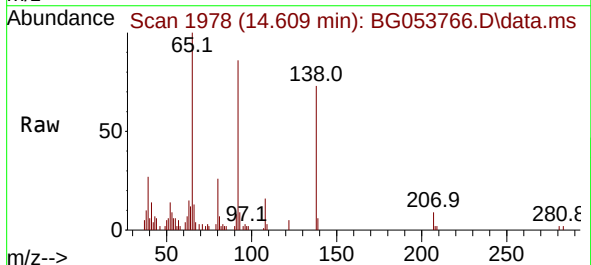
Instrument :
BNA_G
ClientSampleId :
SSTD020423

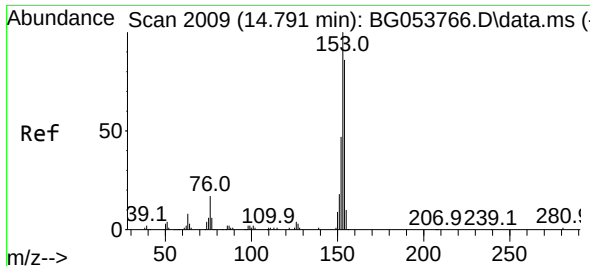
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.1	10.5	15.7



#51
3-Nitroaniline
Concen: 15.316 ng/ul
RT: 14.609 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion	Ratio	Lower	Upper
138	100		
108	22.2	17.8	26.6
92	117.8	94.2	141.4

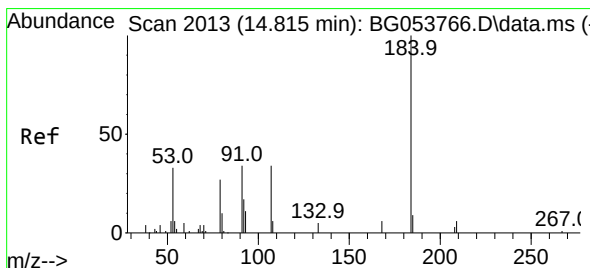
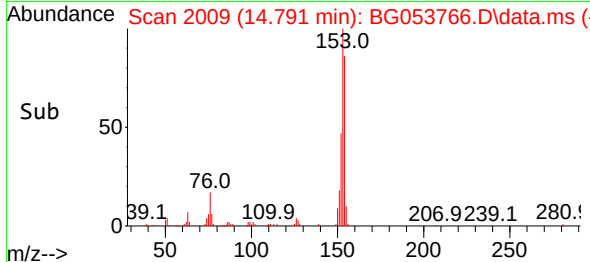
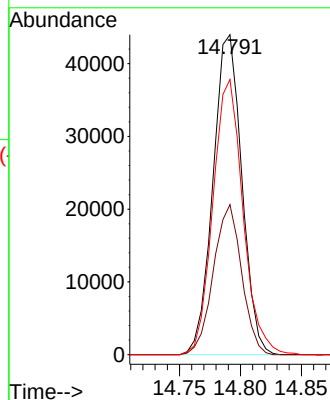
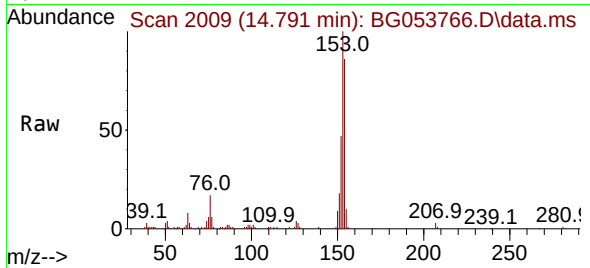




#52
Acenaphthene
Concen: 20.157 ng/ul
RT: 14.791 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

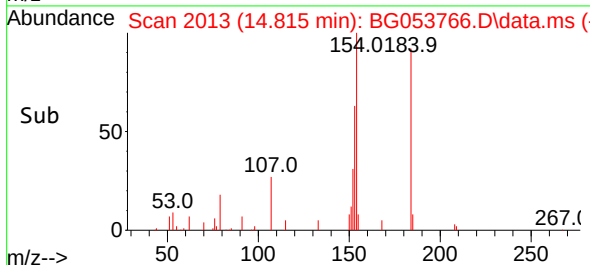
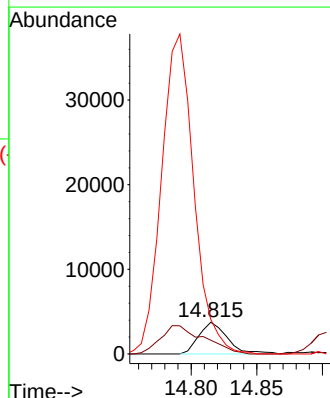
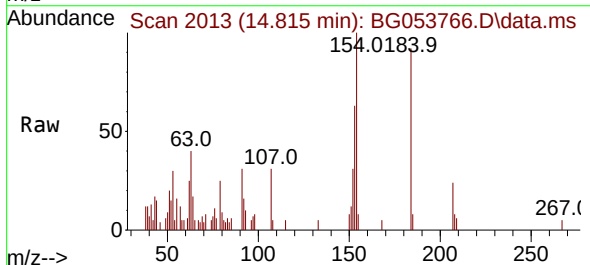
Instrument :
BNA_G
ClientSampleId :
SSTD020423

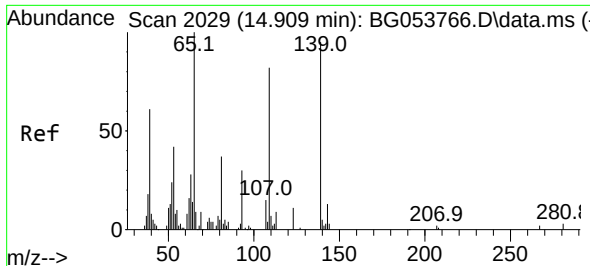
Tgt Ion:153 Resp: 72322
Ion Ratio Lower Upper
153 100
152 46.9 37.5 56.3
154 86.0 68.8 103.2



#53
2,4-Dinitrophenol
Concen: 11.279 ng/ul
RT: 14.815 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion:184 Resp: 5669
Ion Ratio Lower Upper
184 100
63 43.4 34.7 52.1
154 109.1 87.3 130.9

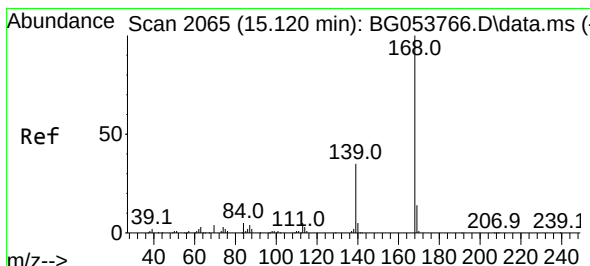
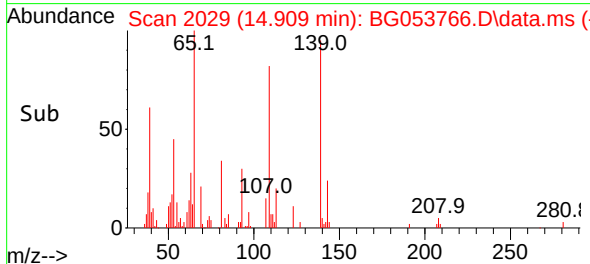
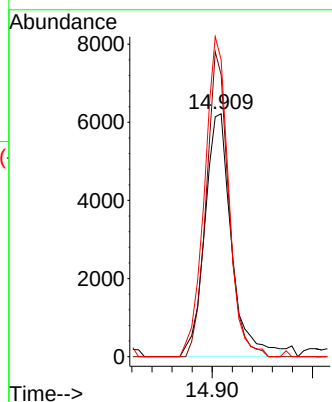
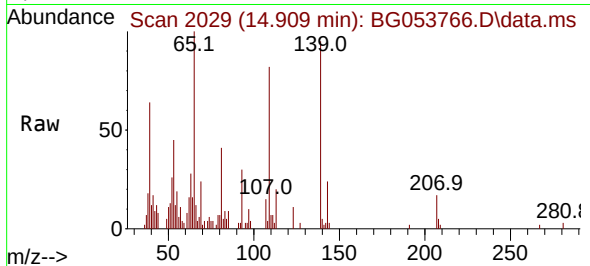




#55
4-Nitrophenol
Concen: 13.915 ng/ul
RT: 14.909 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

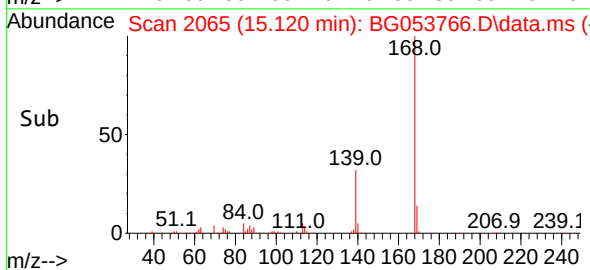
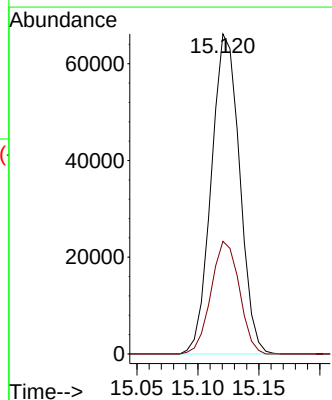
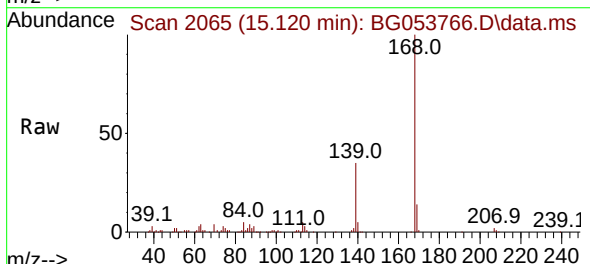
Instrument :
BNA_G
ClientSampleId :
SSTD020423

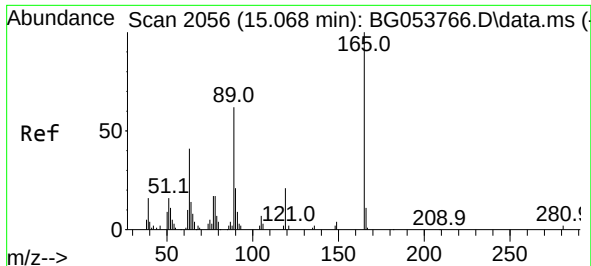
Tgt Ion	Ratio	Lower	Upper
109	100		
139	116.1	92.9	139.3
65	122.2	97.8	146.6



#56
Dibenzofuran
Concen: 20.088 ng/ul
RT: 15.120 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.2	28.2	42.2

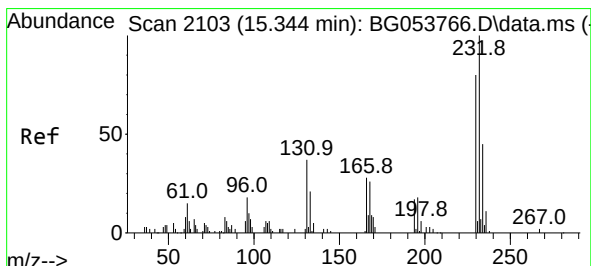
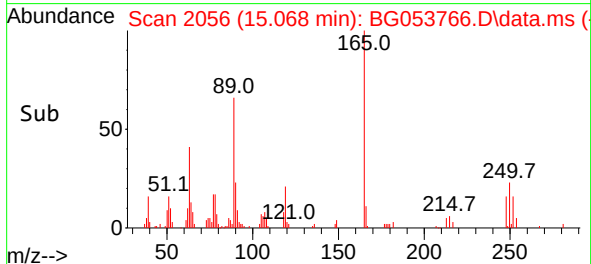
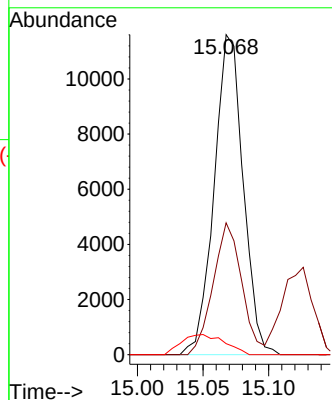
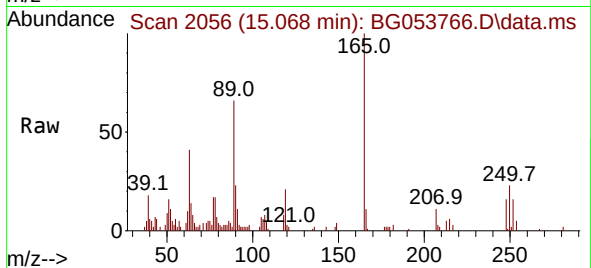




#57
2,4-Dinitrotoluene
Concen: 15.535 ng/ul
RT: 15.068 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

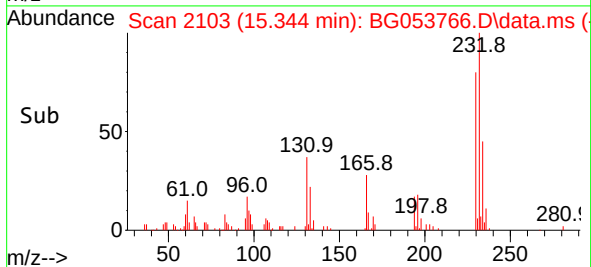
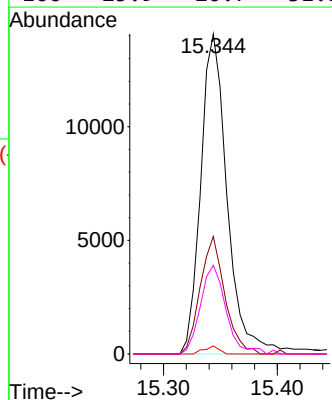
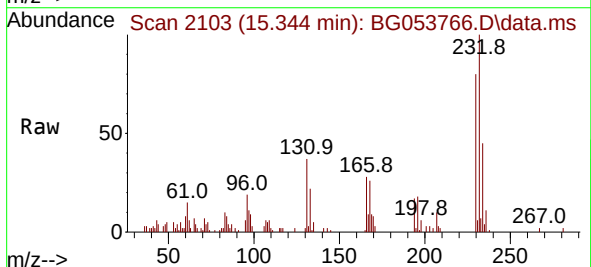
Instrument :
BNA_G
ClientSampleId :
SSTD020423

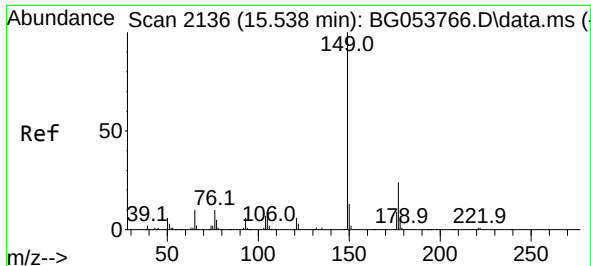
Tgt Ion:165 Resp: 17832
Ion Ratio Lower Upper
165 100
63 41.2 33.0 49.4
182 3.5 2.8 4.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.913 ng/ul
RT: 15.344 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion:232 Resp: 22651
Ion Ratio Lower Upper
232 100
131 34.4 27.5 41.3
130 2.3 1.8 2.8
166 25.9 20.7 31.1

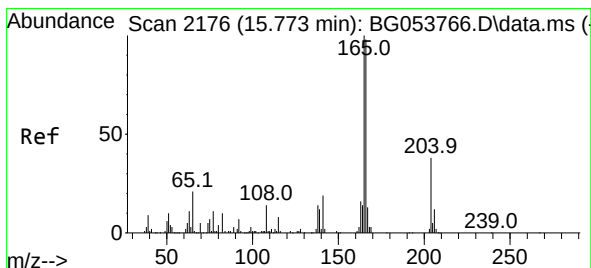
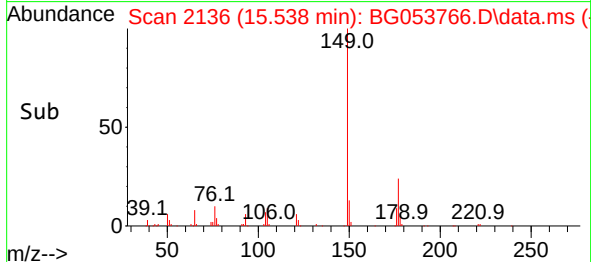
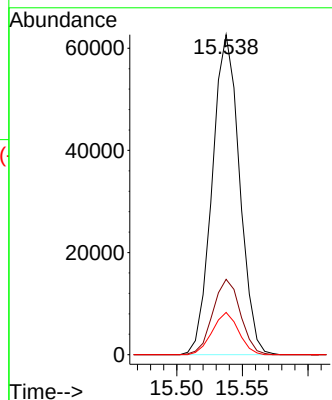
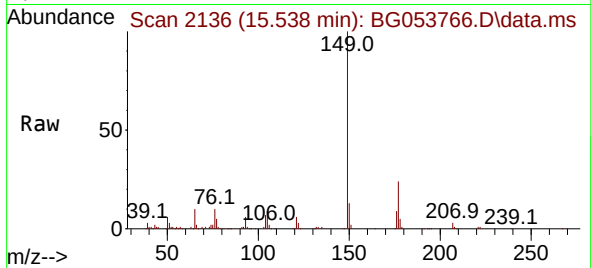




#59
Diethylphthalate
Concen: 20.061 ng/ul
RT: 15.538 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

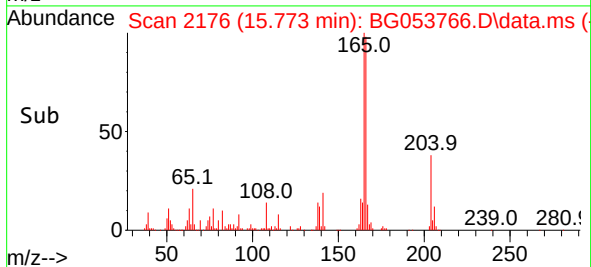
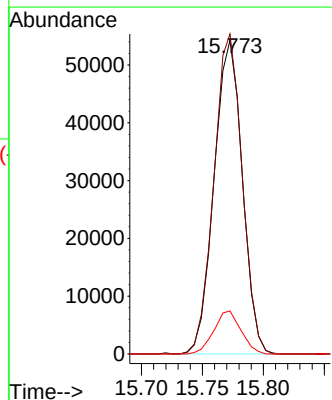
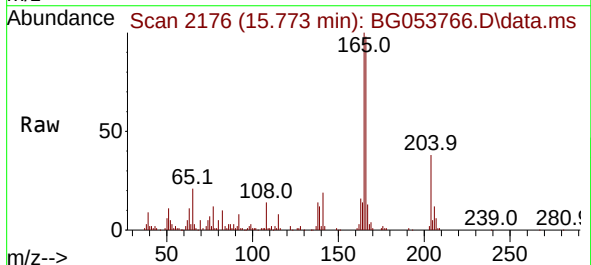
Instrument :
BNA_G
ClientSampleId :
SSTD020423

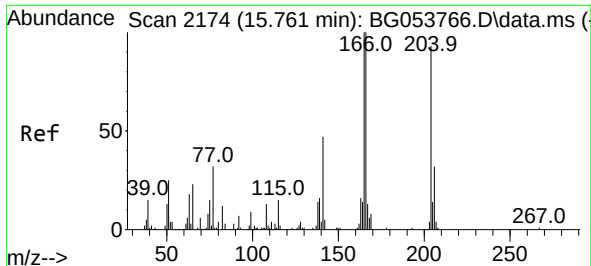
Tgt Ion:149 Resp: 90737
Ion Ratio Lower Upper
149 100
177 23.6 18.9 28.3
150 13.2 10.6 15.8



#61
Fluorene
Concen: 19.786 ng/ul
RT: 15.773 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion:166 Resp: 87238
Ion Ratio Lower Upper
166 100
165 102.1 81.7 122.5
167 13.7 11.0 16.4

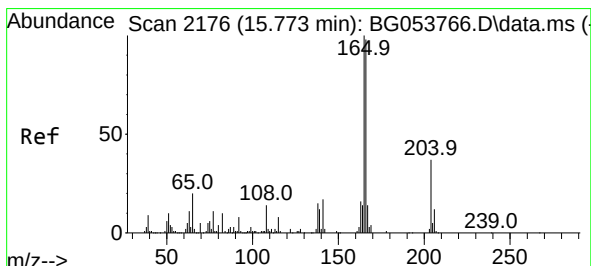
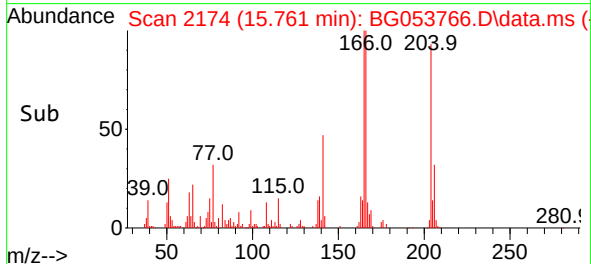
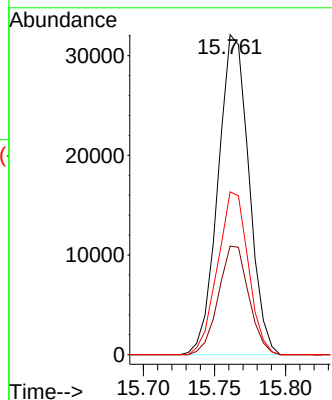
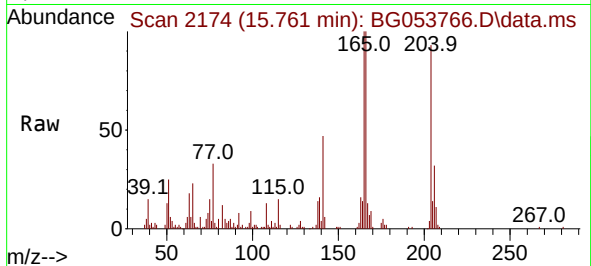




#62
4-Chlorophenyl-phenylether
Concen: 20.651 ng/ul
RT: 15.761 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

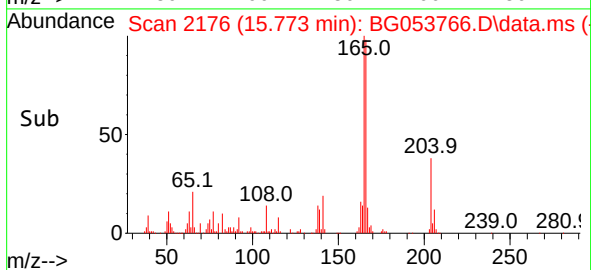
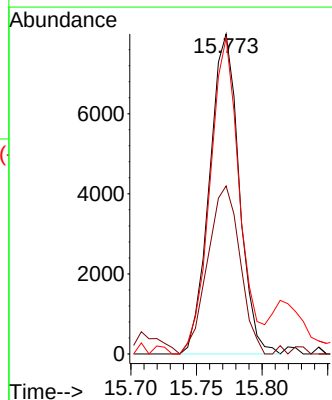
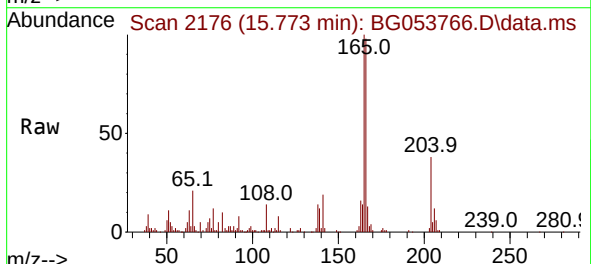
Instrument :
BNA_G
ClientSampleId :
SSTD020423

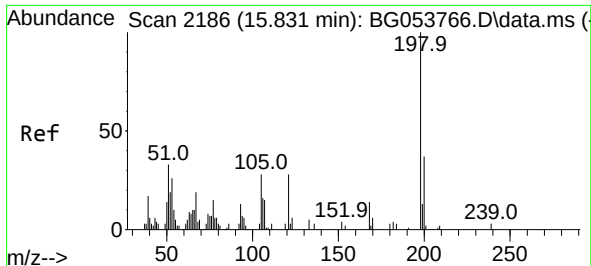
Tgt Ion:204 Resp: 48450
Ion Ratio Lower Upper
204 100
206 33.9 27.1 40.7
141 50.9 40.7 61.1



#63
4-Nitroaniline
Concen: 15.632 ng/ul
RT: 15.773 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion:138 Resp: 12553
Ion Ratio Lower Upper
138 100
92 52.5 42.0 63.0
108 98.8 79.0 118.6

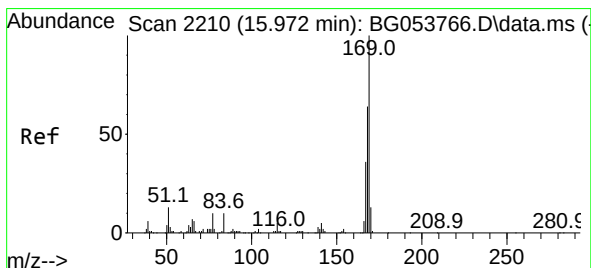
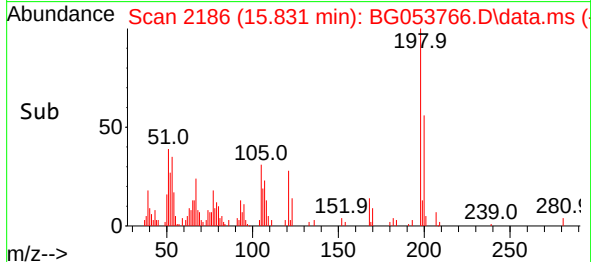
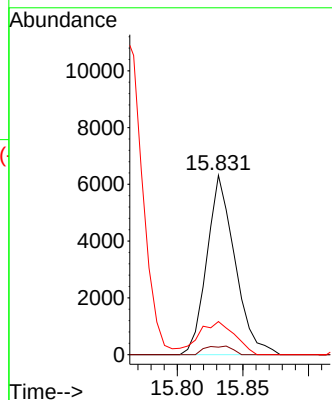
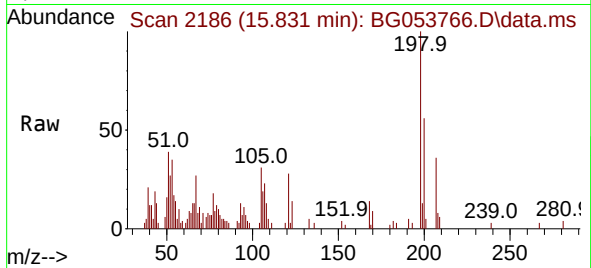




#66
4,6-Dinitro-2-methylphenol
Concen: 12.614 ng/ul
RT: 15.831 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

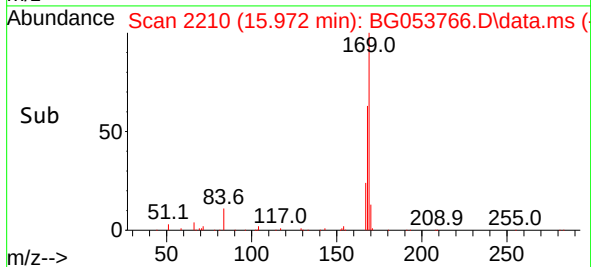
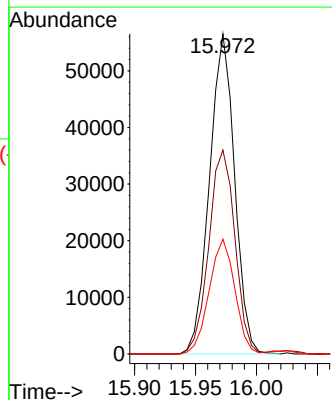
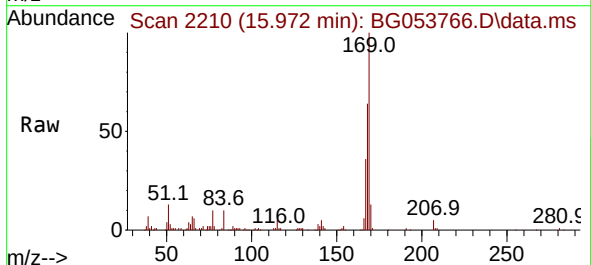
Instrument :
BNA_G
ClientSampleId :
SSTD020423

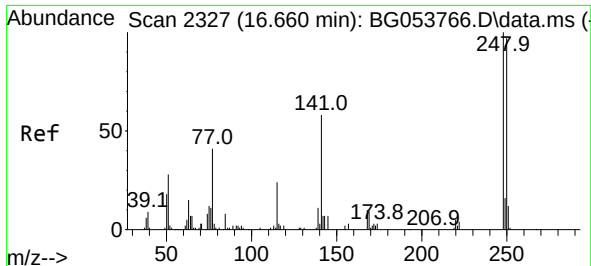
Tgt Ion:198 Resp: 9412
Ion Ratio Lower Upper
198 100
182 4.2 3.4 5.0
77 18.4 14.7 22.1



#67
N-Nitrosodiphenylamine
Concen: 20.046 ng/ul
RT: 15.972 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion:169 Resp: 81219
Ion Ratio Lower Upper
169 100
168 63.7 51.0 76.4
167 35.9 28.7 43.1

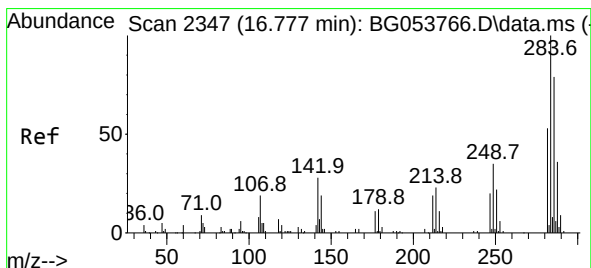
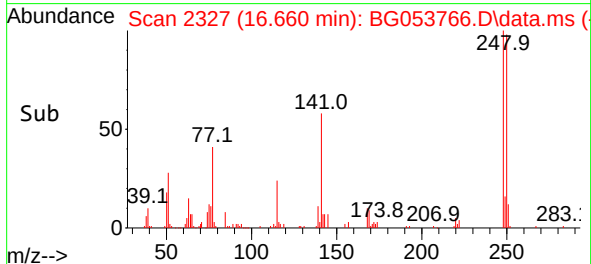
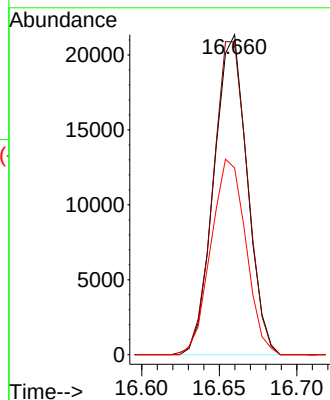
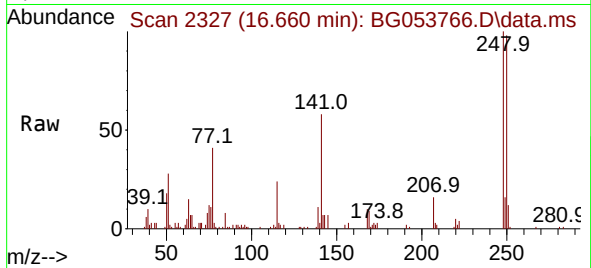




#68
4-Bromophenyl-phenylether
Concen: 21.448 ng/ul
RT: 16.660 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

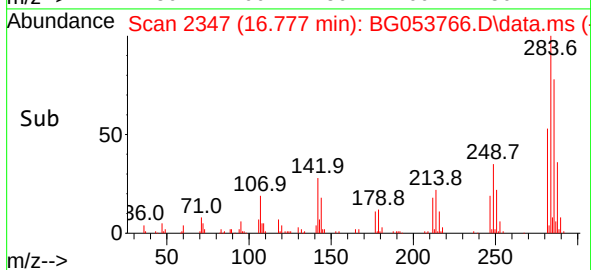
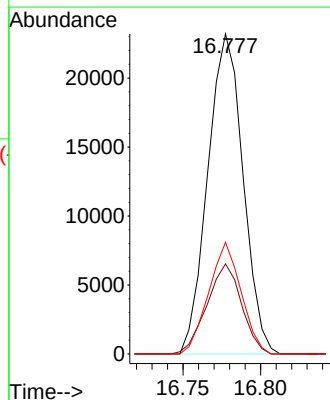
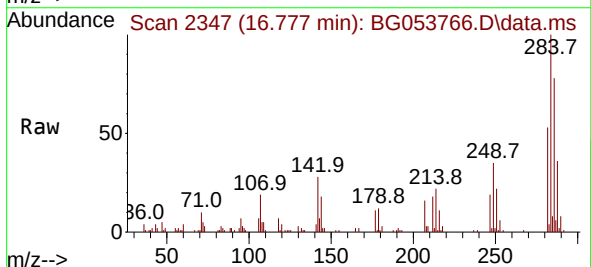
Instrument :
BNA_G
ClientSampleId :
SSTD020423

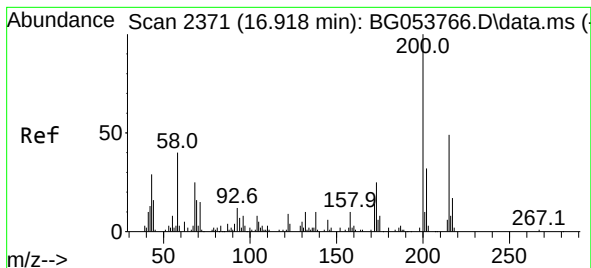
Tgt Ion:248 Resp: 31823
Ion Ratio Lower Upper
248 100
250 97.7 78.2 117.2
141 58.4 46.7 70.1



#69
Hexachlorobenzene
Concen: 19.122 ng/ul
RT: 16.777 min Scan# 2347
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion:284 Resp: 36649
Ion Ratio Lower Upper
284 100
142 26.0 20.8 31.2
249 34.2 27.4 41.0





#70

Atrazine

Concen: 22.039 ng/ul

RT: 16.918 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG053766.D

Acq: 31 May 2022 18:36

Instrument :

BNA_G

ClientSampleId :

SSTD020423

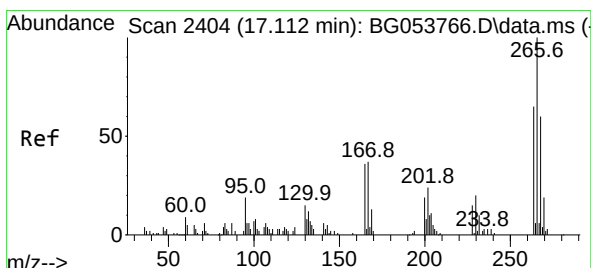
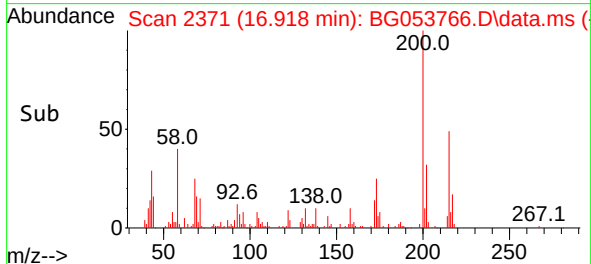
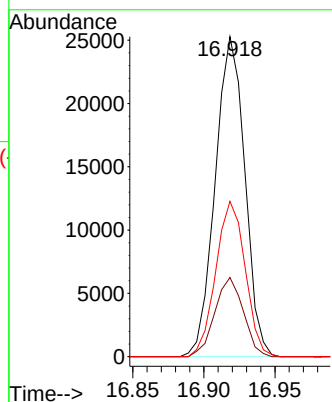
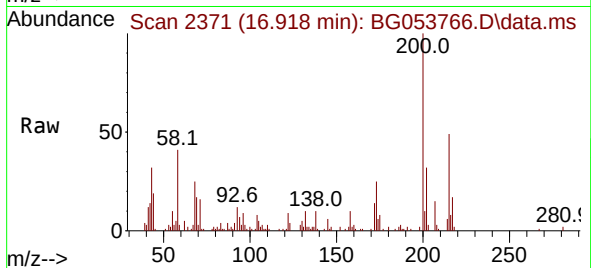
Tgt Ion:200 Resp: 36595

Ion Ratio Lower Upper

200 100

173 24.7 19.8 29.6

215 48.5 38.8 58.2



#71

Pentachlorophenol

Concen: 16.485 ng/ul

RT: 17.112 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BG053766.D

Acq: 31 May 2022 18:36

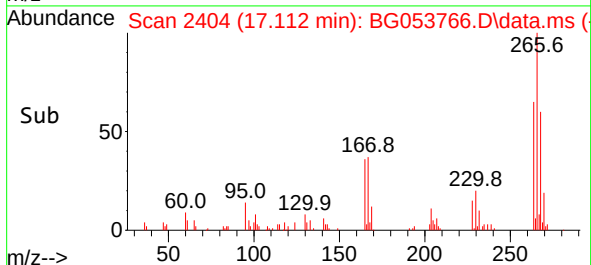
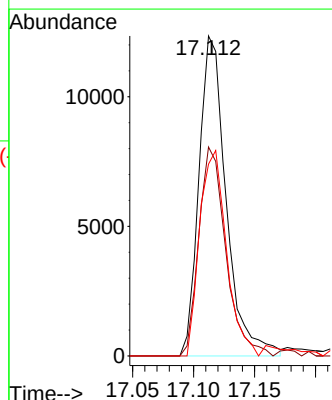
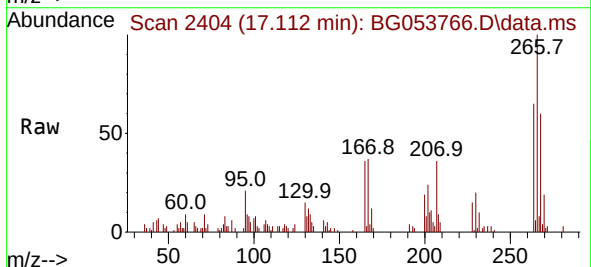
Tgt Ion:266 Resp: 19213

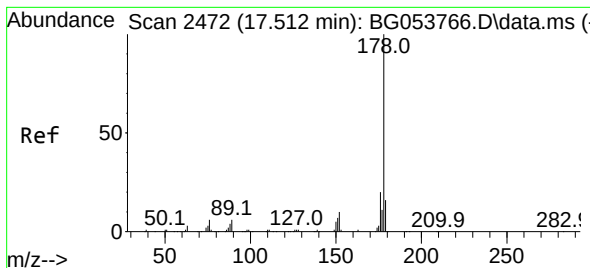
Ion Ratio Lower Upper

266 100

264 71.0 56.8 85.2

268 60.0 48.0 72.0





#72

Phenanthrene

Concen: 19.432 ng/ul

RT: 17.512 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BG053766.D

Acq: 31 May 2022 18:36

Instrument :

BNA_G

ClientSampleId :

SSTD020423

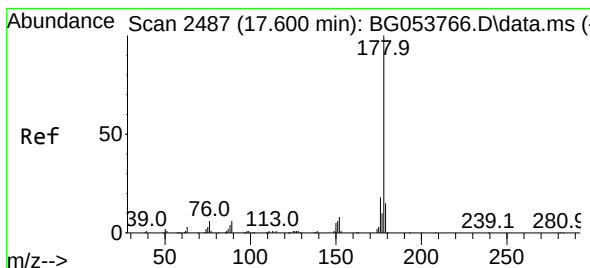
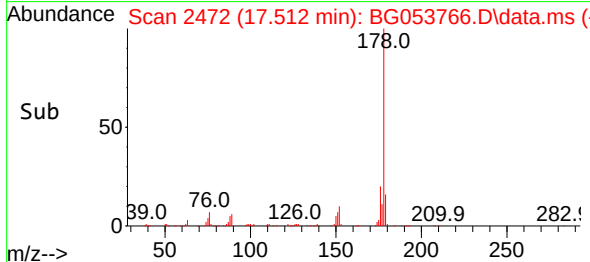
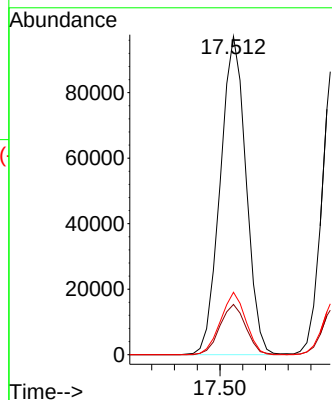
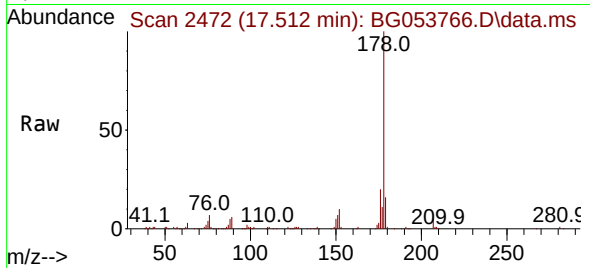
Tgt Ion:178 Resp: 152827

Ion Ratio Lower Upper

178 100

179 15.8 12.6 19.0

176 19.6 15.7 23.5



#74

Anthracene

Concen: 19.893 ng/ul

RT: 17.600 min Scan# 2487

Delta R.T. 0.000 min

Lab File: BG053766.D

Acq: 31 May 2022 18:36

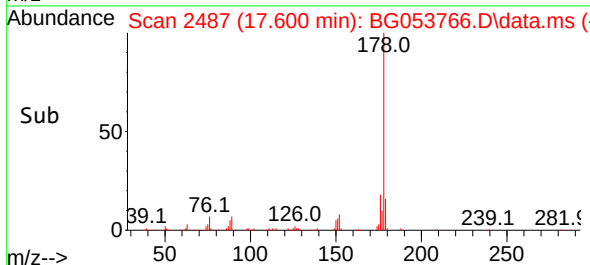
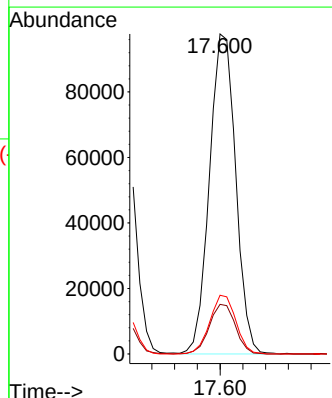
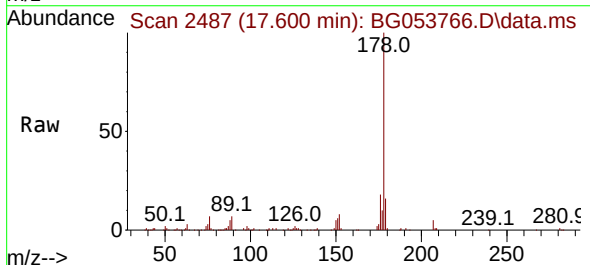
Tgt Ion:178 Resp: 156416

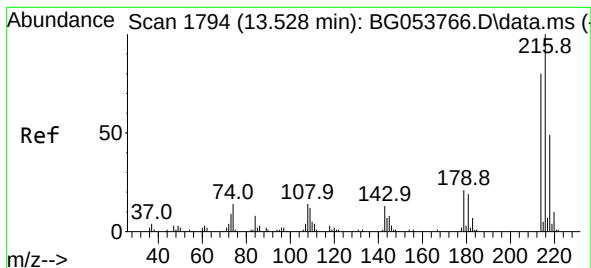
Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 18.3 14.6 22.0

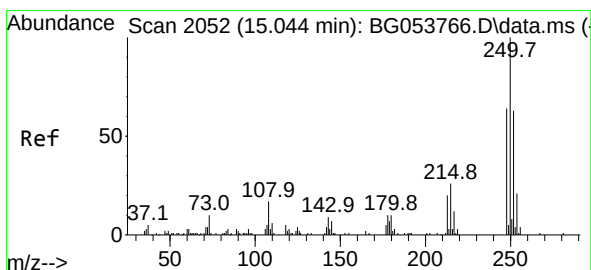
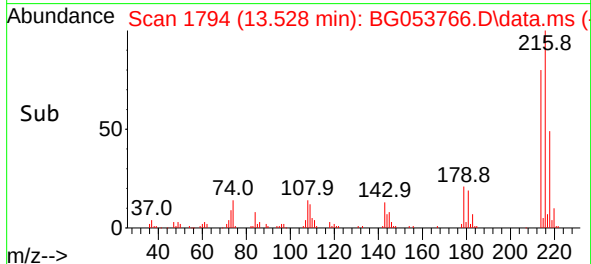
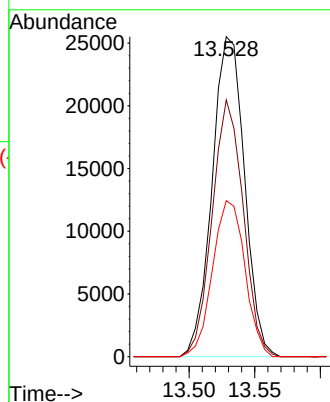
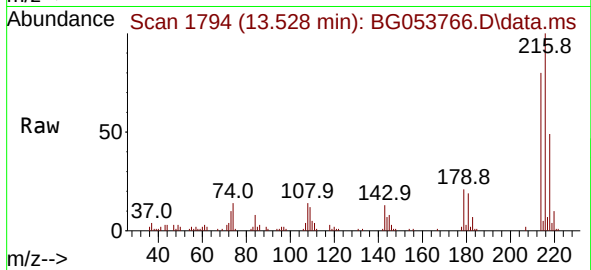




#75
1,2,3,4-Tetrachlorobenzene
Concen: 19.648 ng/uL
RT: 13.528 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

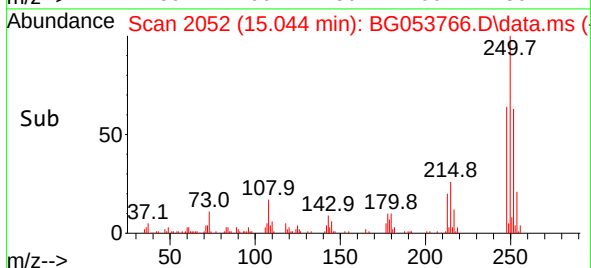
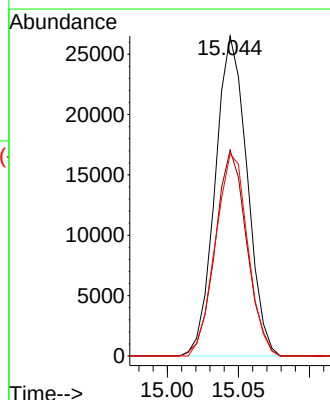
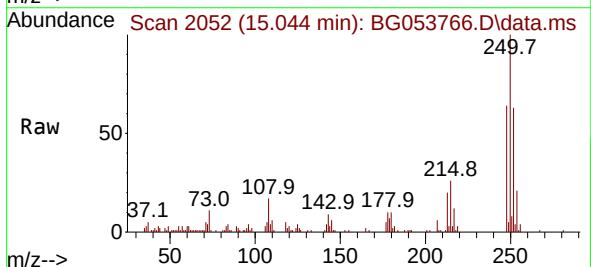
Instrument :
BNA_G
ClientSampleId :
SSTD020423

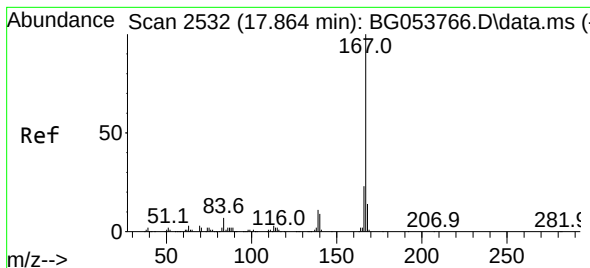
Tgt Ion:216 Resp: 43850
Ion Ratio Lower Upper
216 100
214 80.3 64.2 96.4
218 48.7 39.0 58.4



#76
Pentachlorobenzene
Concen: 19.287 ng/uL
RT: 15.044 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion:250 Resp: 41298
Ion Ratio Lower Upper
250 100
248 59.6 47.7 71.5
252 62.5 50.0 75.0





#77

Carbazole

Concen: 20.267 ng/ul

RT: 17.864 min Scan# 2532

Delta R.T. 0.000 min

Lab File: BG053766.D

Acq: 31 May 2022 18:36

Instrument :

BNA_G

ClientSampleId :

SSTD020423

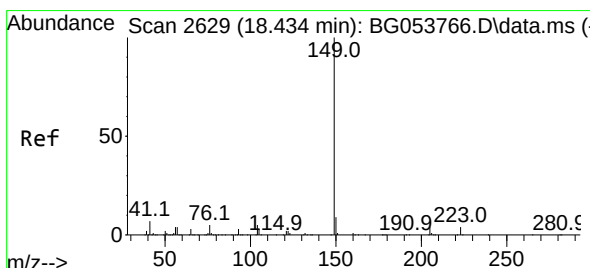
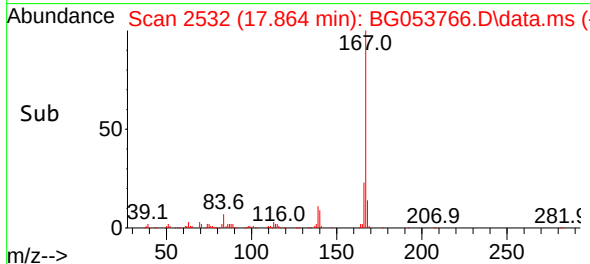
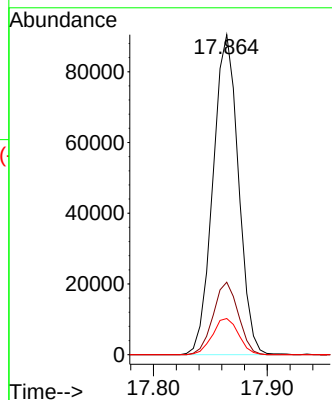
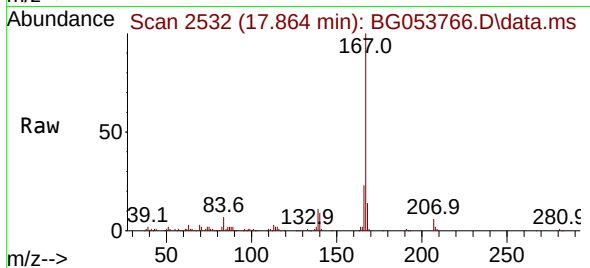
Tgt Ion:167 Resp: 140836

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

139 11.3 9.0 13.6



#78

Di-n-butylphthalate

Concen: 20.770 ng/ul

RT: 18.434 min Scan# 2629

Delta R.T. 0.000 min

Lab File: BG053766.D

Acq: 31 May 2022 18:36

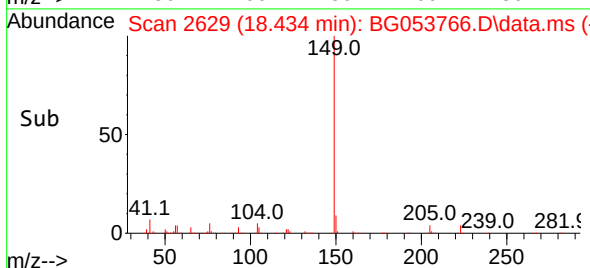
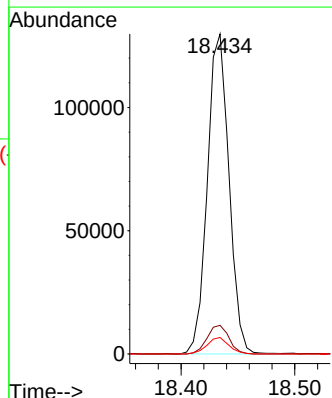
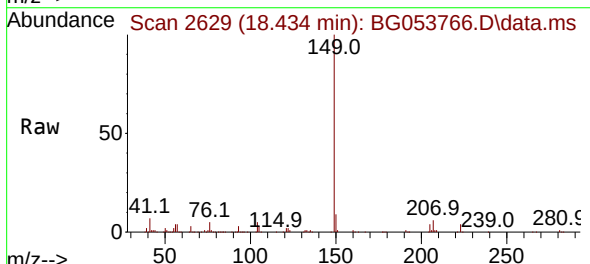
Tgt Ion:149 Resp: 171628

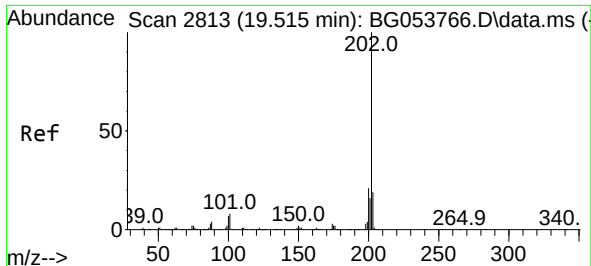
Ion Ratio Lower Upper

149 100

150 8.9 7.1 10.7

104 5.2 4.2 6.2

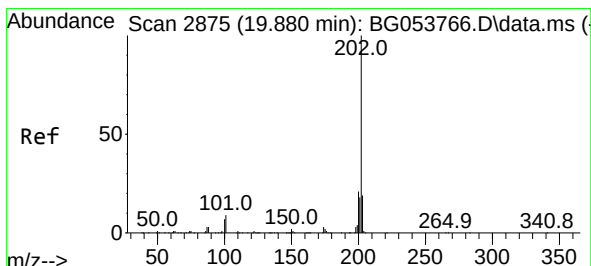
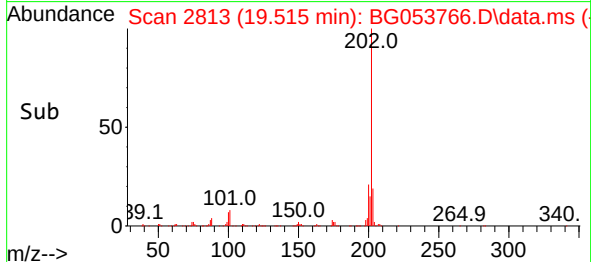
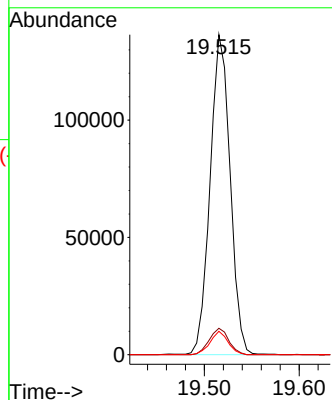
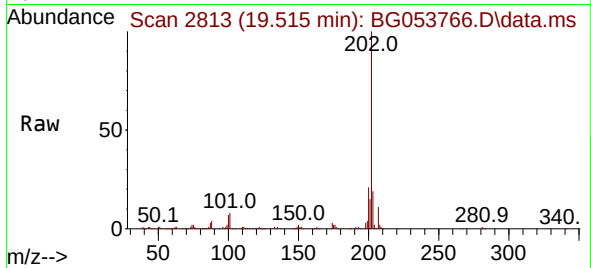




#80
 Fluoranthene
 Concen: 18.401 ng/ul
 RT: 19.515 min Scan# 2813
 Delta R.T. 0.000 min
 Lab File: BG053766.D
 Acq: 31 May 2022 18:36

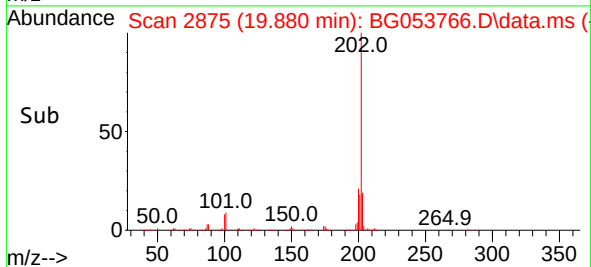
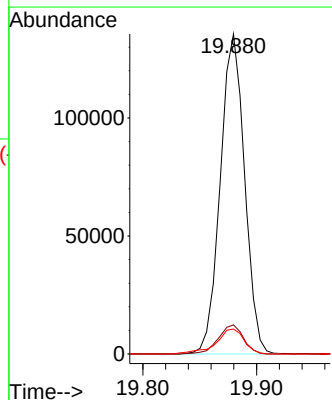
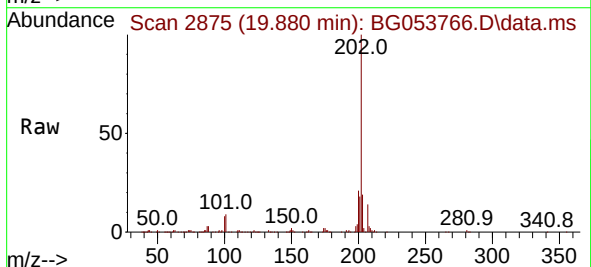
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020423

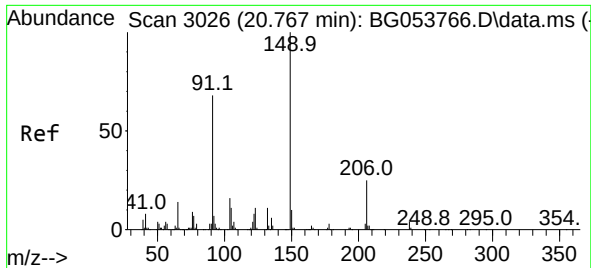
Tgt Ion:202 Resp: 200002
 Ion Ratio Lower Upper
 202 100
 101 8.2 6.6 9.8
 100 7.3 5.8 8.8



#82
 Pyrene
 Concen: 18.626 ng/ul
 RT: 19.880 min Scan# 2875
 Delta R.T. 0.000 min
 Lab File: BG053766.D
 Acq: 31 May 2022 18:36

Tgt Ion:202 Resp: 201219
 Ion Ratio Lower Upper
 202 100
 101 9.1 7.3 10.9
 100 7.8 6.2 9.4

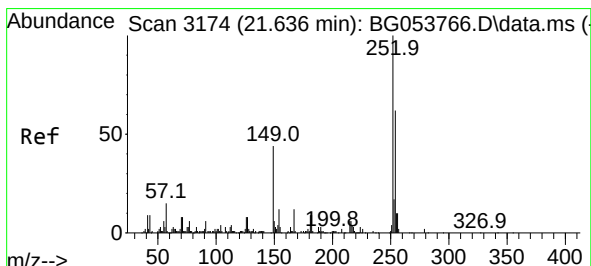
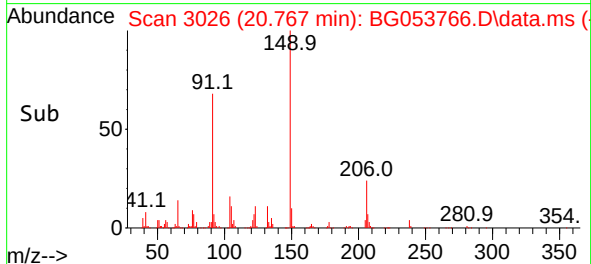
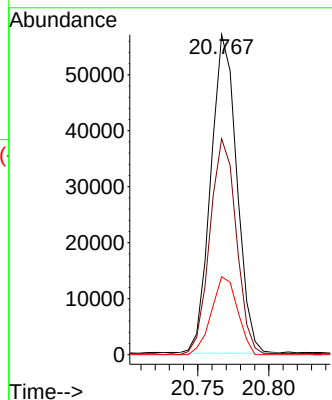
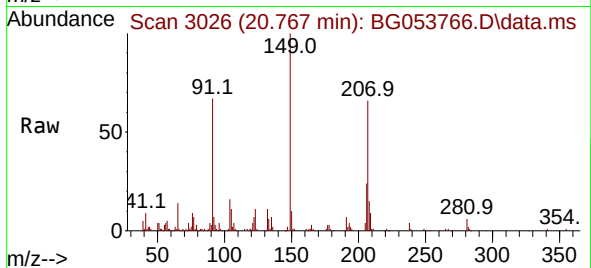




#83
Butylbenzylphthalate
Concen: 19.281 ng/ul
RT: 20.767 min Scan# 3026
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

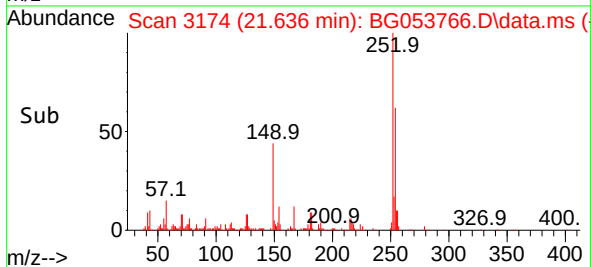
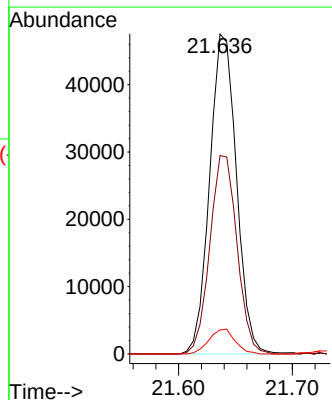
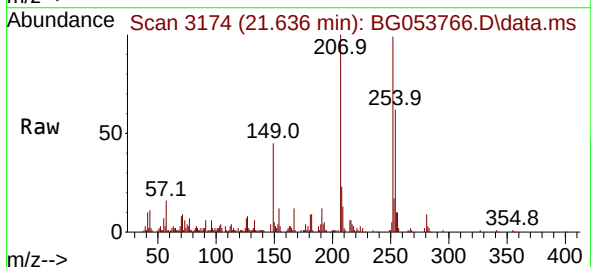
Instrument :
BNA_G
ClientSampleId :
SSTD020423

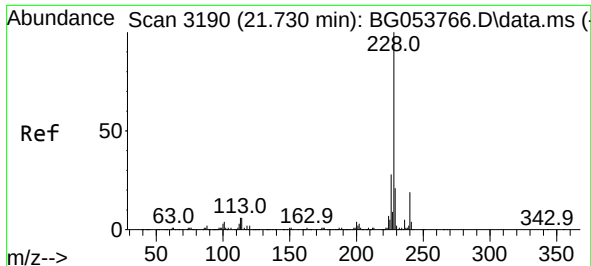
Tgt Ion:149 Resp: 72422
Ion Ratio Lower Upper
149 100
91 67.5 54.0 81.0
206 24.4 19.5 29.3



#84
3,3'-Dichlorobenzidine
Concen: 21.029 ng/ul
RT: 21.636 min Scan# 3174
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion:252 Resp: 77707
Ion Ratio Lower Upper
252 100
254 62.0 49.6 74.4
126 7.5 6.0 9.0

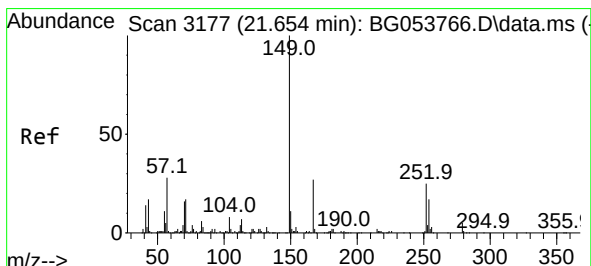
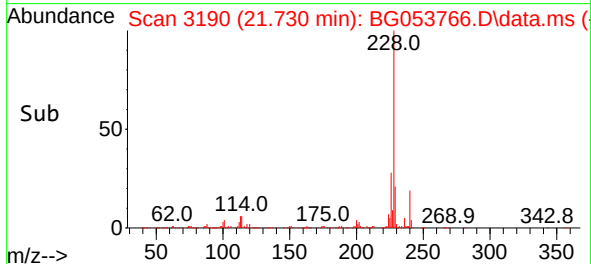
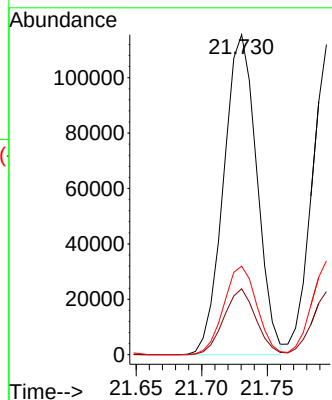
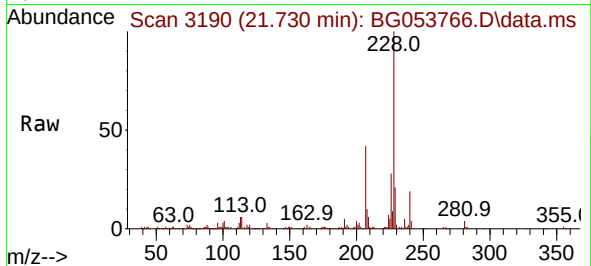




#85
Benzo(a)anthracene
Concen: 19.066 ng/ul
RT: 21.730 min Scan# 3190
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

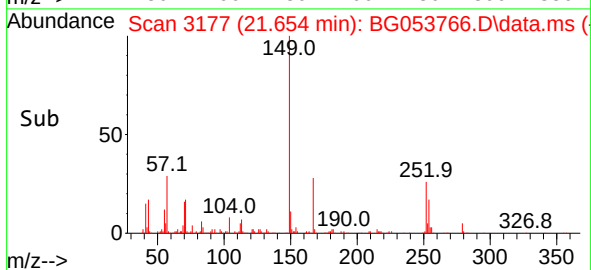
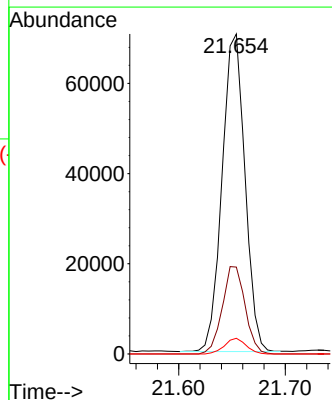
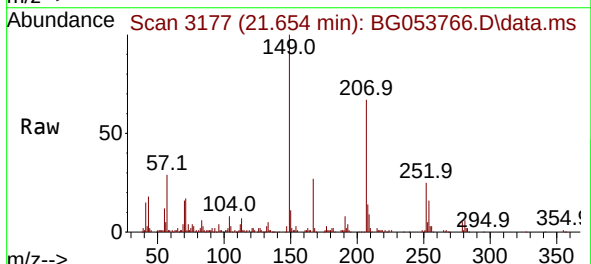
Instrument :
BNA_G
ClientSampleId :
SSTD020423

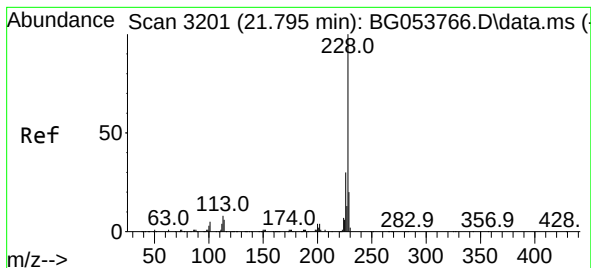
Tgt Ion:228 Resp: 202882
Ion Ratio Lower Upper
228 100
229 20.6 16.5 24.7
226 27.6 22.1 33.1



#86
Bis(2-ethylhexyl)phthalate
Concen: 20.169 ng/ul
RT: 21.654 min Scan# 3177
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion:149 Resp: 104925
Ion Ratio Lower Upper
149 100
167 27.1 21.7 32.5
279 4.9 3.9 5.9





#87

Chrysene

Concen: 19.224 ng/ul

RT: 21.795 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG053766.D

Acq: 31 May 2022 18:36

Instrument :

BNA_G

ClientSampleId :

SSTD020423

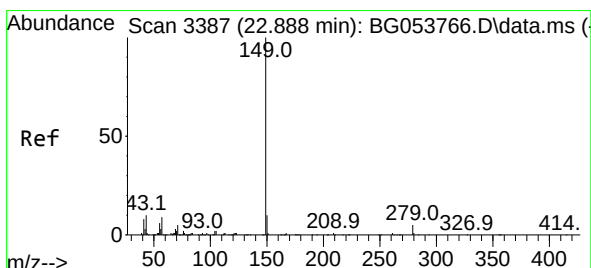
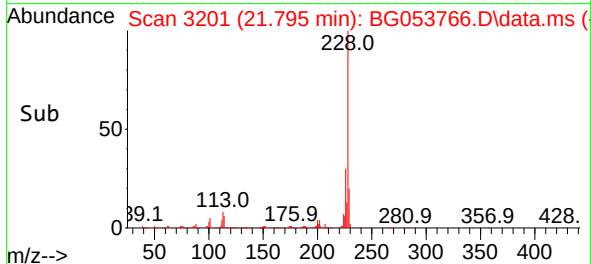
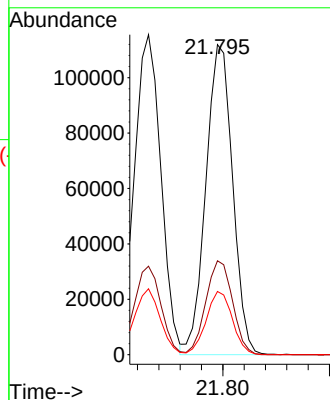
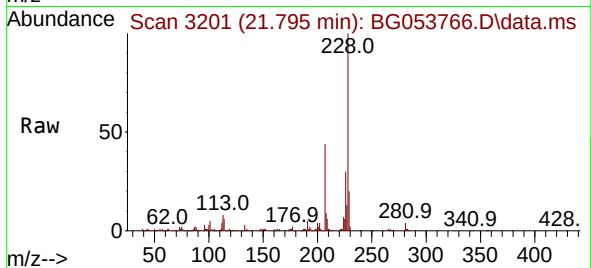
Tgt Ion:228 Resp: 195118

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

229 20.4 16.3 24.5



#89

Di-n-octyl phthalate

Concen: 21.083 ng/ul

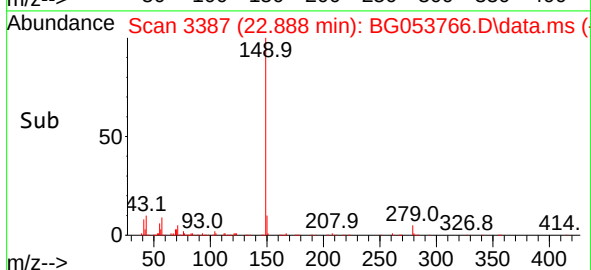
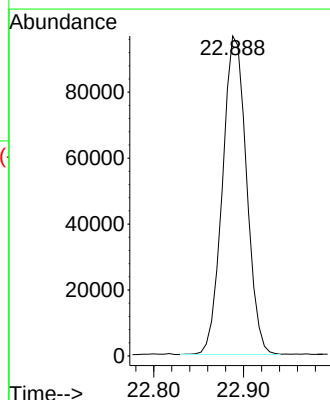
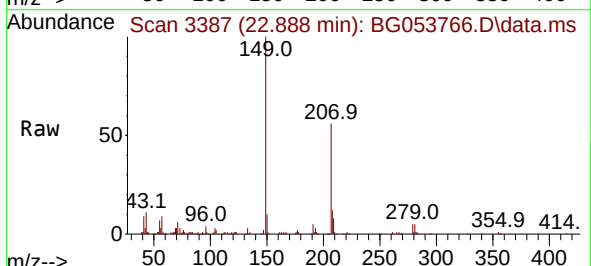
RT: 22.888 min Scan# 3387

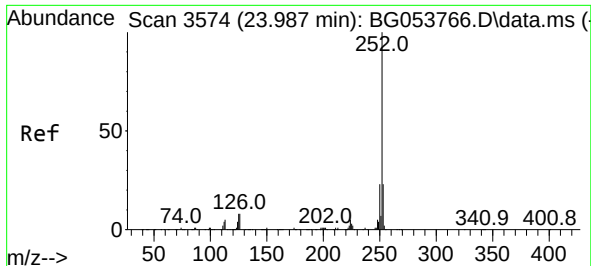
Delta R.T. 0.000 min

Lab File: BG053766.D

Acq: 31 May 2022 18:36

Tgt Ion:149 Resp: 179301

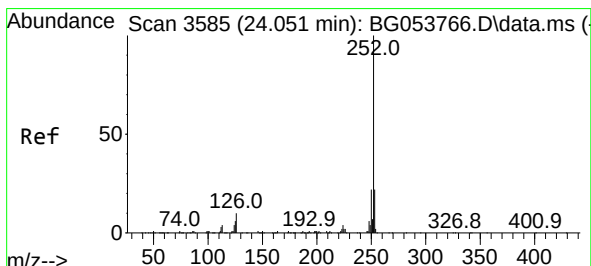
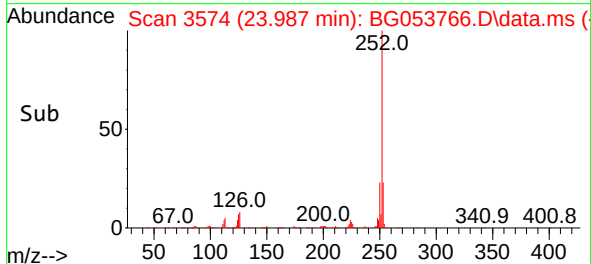
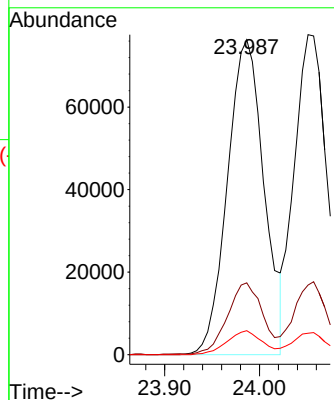
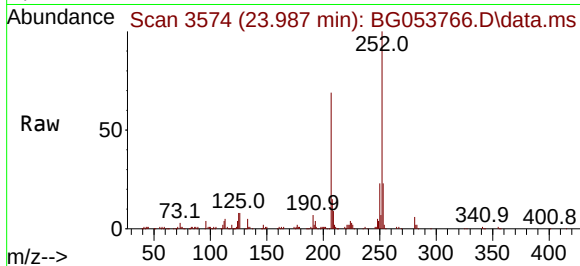




#90
Benzo(b)fluoranthene
Concen: 19.434 ng/ul
RT: 23.987 min Scan# 3574
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

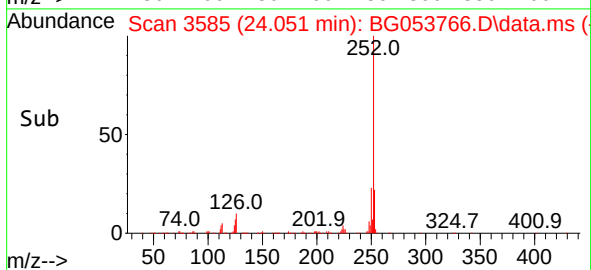
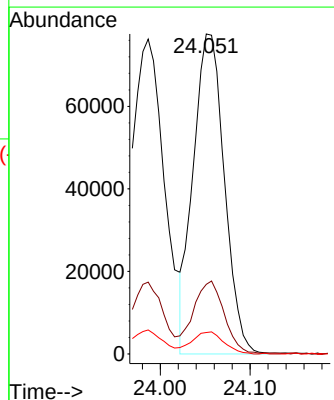
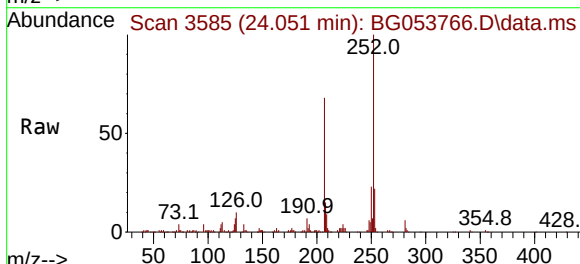
Instrument :
BNA_G
ClientSampleId :
SSTD020423

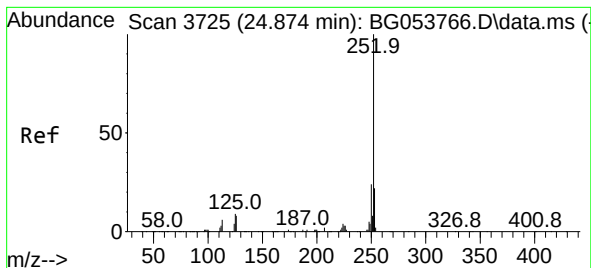
Tgt Ion:252 Resp: 204897
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 7.6 6.1 9.1



#91
Benzo(k)fluoranthene
Concen: 19.169 ng/ul
RT: 24.051 min Scan# 3585
Delta R.T. 0.000 min
Lab File: BG053766.D
Acq: 31 May 2022 18:36

Tgt Ion:252 Resp: 186520
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 6.7 5.4 8.0





#93

Benzo(a)pyrene

Concen: 19.368 ng/u1

RT: 24.874 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG053766.D

Acq: 31 May 2022 18:36

Instrument :

BNA_G

ClientSampleId :

SSTD020423

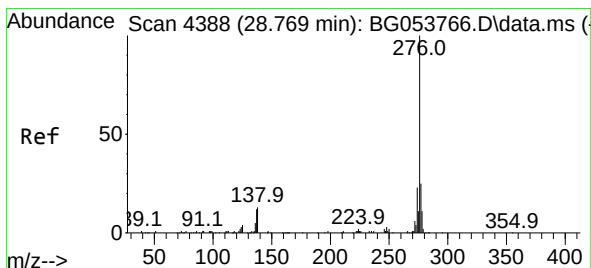
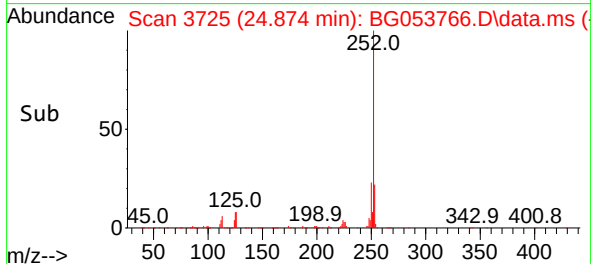
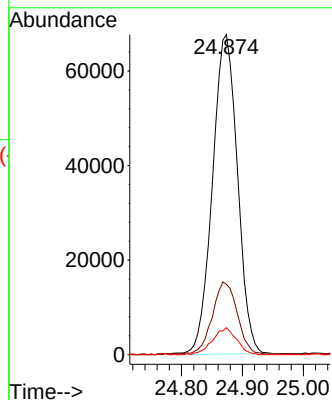
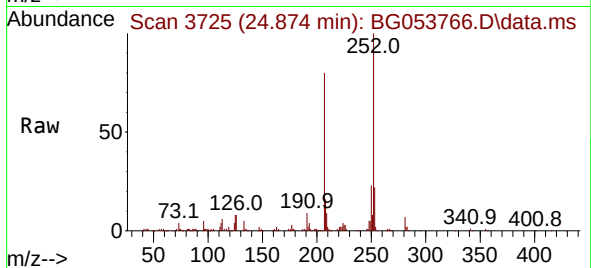
Tgt Ion:252 Resp: 192796

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 8.5 6.8 10.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.717 ng/u1

RT: 28.769 min Scan# 4388

Delta R.T. 0.000 min

Lab File: BG053766.D

Acq: 31 May 2022 18:36

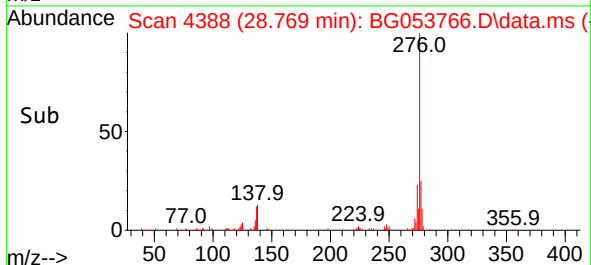
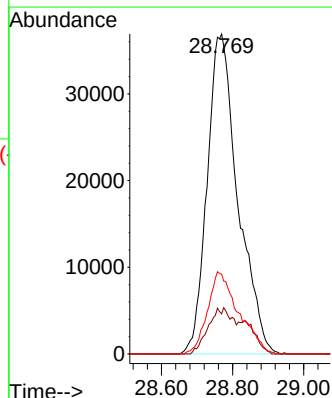
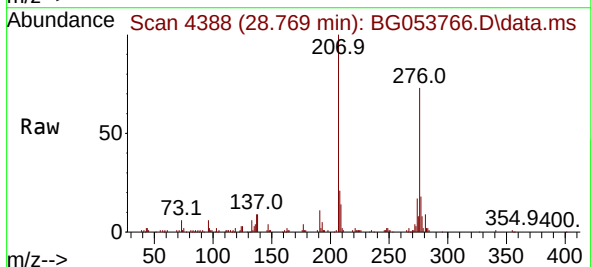
Tgt Ion:276 Resp: 221964

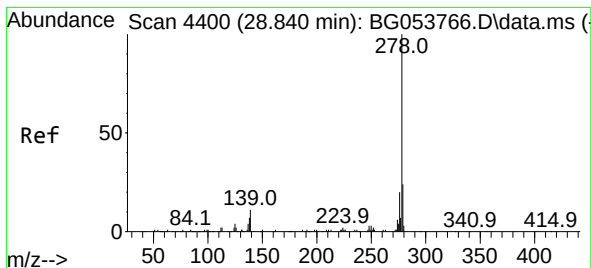
Ion Ratio Lower Upper

276 100

138 12.6 10.1 15.1

277 24.9 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 20.036 ng/ul

RT: 28.840 min Scan# 4400

Delta R.T. 0.000 min

Lab File: BG053766.D

Acq: 31 May 2022 18:36

Instrument :

BNA_G

ClientSampleId :

SSTD020423

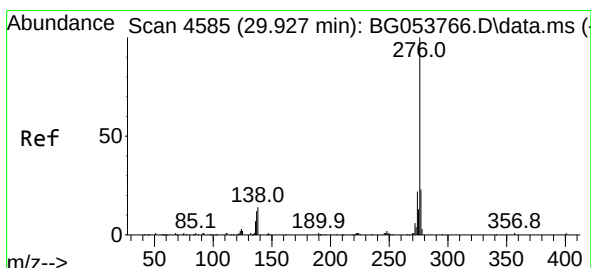
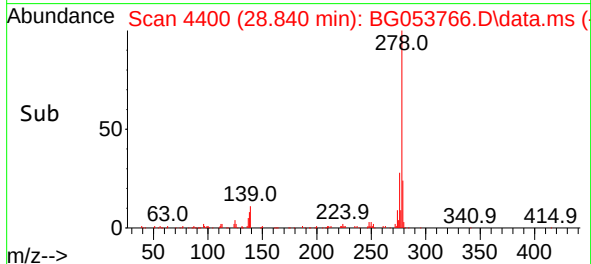
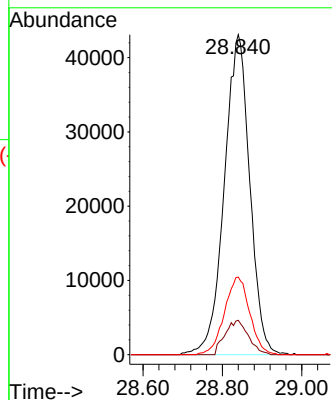
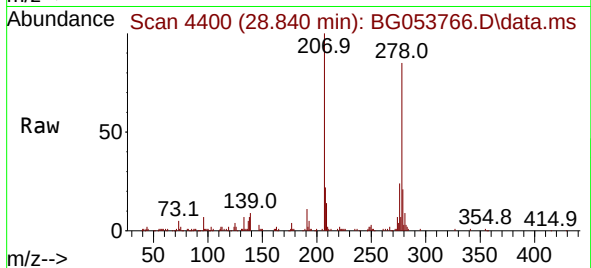
Tgt Ion:278 Resp: 191710

Ion Ratio Lower Upper

278 100

139 10.8 8.6 13.0

279 24.2 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 19.742 ng/ul

RT: 29.927 min Scan# 4585

Delta R.T. 0.000 min

Lab File: BG053766.D

Acq: 31 May 2022 18:36

Tgt Ion:276 Resp: 187868

Ion Ratio Lower Upper

276 100

138 14.1 11.3 16.9

277 23.2 18.6 27.8

