

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
 Data File : BG051182.D
 Acq On : 23 Nov 2021 11:34
 Operator : CG/JU
 Sample : SSTD01020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 23 13:56:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 23 13:54:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.201	152	26812	20.000	ng/u1	0.00
20) Naphthalene-d8	11.027	136	114108	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.834	164	77147	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.584	188	173577	20.000	ng/u1	0.00
79) Chrysene-d12	21.885	240	162381	20.000	ng/u1	0.00
88) Perylene-d12	25.281	264	162176	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.547	96	3429	4.128	ng/uL	0.00
4) Pyridine-d5	3.982	84	21652	8.712	ng/u1	0.00
7) Phenol-d5	7.361	99	24644	8.616	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.513	67	15682	8.487	ng/u1	0.00
11) 2-Chlorophenol-d4	7.731	132	18269	9.216	ng/u1	0.00
15) 4-Methylphenol-d8	8.912	113	18612	8.265	ng/u1	0.00
21) Nitrobenzene-d5	9.376	128	9283	9.573	ng/u1	0.00
24) 2-Nitrophenol-d4	10.105	143	10856	10.068	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.651	165	17695	9.743	ng/u1	0.00
31) 4-Chloroaniline-d4	11.168	131	25697	9.343	ng/u1	0.00
46) Dimethylphthalate-d6	14.223	166	58080	9.840	ng/u1	0.00
49) Acenaphthylene-d8	14.529	160	75160	10.221	ng/u1	0.00
54) 4-Nitrophenol-d4	15.052	143	7642	7.141	ng/u1	0.00
60) Fluorene-d10	15.821	176	52434	10.028	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.951	200	8905	8.462	ng/u1	0.00
73) Anthracene-d10	17.678	188	84194	10.259	ng/u1	0.00
81) Pyrene-d10	19.958	212	98446	9.387	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.046	264	85488	9.535	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.589	88	3997	4.381	ng/uL	95
5) Pyridine	4.000	79	23393	9.093	ng/u1	95
6) Benzaldehyde	7.337	77	18925	10.490	ng/u1	88
8) Phenol	7.384	94	26404	8.924	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.607	93	20613	9.307	ng/u1	96
12) 2-Chlorophenol	7.766	128	19236	9.557	ng/u1	93
13) 2-Methylphenol	8.647	108	18371	8.400	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.724	45	29241	8.382	ng/u1	100
16) Acetophenone	9.029	105	31931	9.128	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.000	70	17942	8.501	ng/u1	98
18) 4-Methylphenol	8.976	108	20446	8.780	ng/u1	95
19) Hexachloroethane	9.282	117	8149	9.684	ng/u1	99
22) Nitrobenzene	9.423	77	26001	9.614	ng/u1	97
23) Isophorone	9.934	82	48685	9.276	ng/u1	100
25) 2-Nitrophenol	10.140	139	11340	10.483	ng/u1	95
26) 2,4-Dimethylphenol	10.187	107	23109	9.707	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.416	93	27464	9.711	ng/u1	100
29) 2,4-Dichlorophenol	10.680	162	17848	10.074	ng/u1	99
30) Naphthalene	11.080	128	63346	10.152	ng/u1	96
32) 4-Chloroaniline	11.191	127	26580	9.732	ng/u1	96
33) Hexachlorobutadiene	11.344	225	12471	10.725	ng/u1	94
34) Caprolactam	11.955	113	6346	8.437	ng/u1	89
35) 4-Chloro-3-methylphenol	12.302	107	21899	9.676	ng/u1	96
36) 2-Methylnaphthalene	12.672	142	41698	9.809	ng/u1	97

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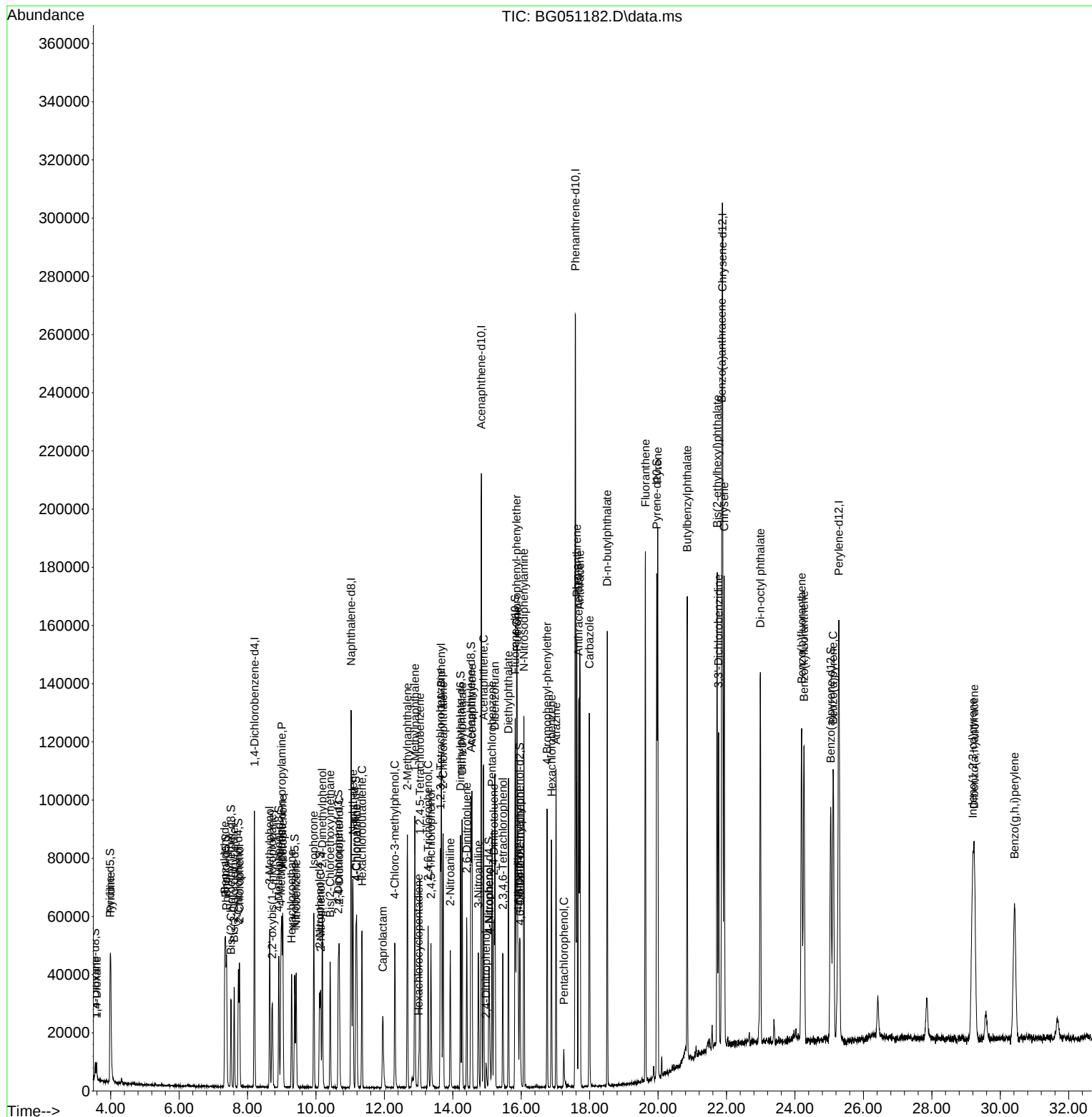
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.889	142	41913	9.731	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.036	216	24255	10.790	ng/ul	95
40) Hexachlorocyclopentadiene	13.001	237	2841	2.632	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.277	196	14371	9.770	ng/ul	99
42) 2,4,5-Trichlorophenol	13.360	196	15633	9.900	ng/ul	93
43) 1,1'-Biphenyl	13.665	154	59013	10.465	ng/ul	98
44) 2-Chloronaphthalene	13.718	162	46365	10.492	ng/ul	99
45) 2-Nitroaniline	13.924	65	14978	8.531	ng/ul	91
47) Dimethylphthalate	14.270	163	58366	9.890	ng/ul	98
48) 2,6-Dinitrotoluene	14.405	165	11637	9.421	ng/ul	94
50) Acenaphthylene	14.558	152	73961	10.036	ng/ul	98
51) 3-Nitroaniline	14.746	138	12297	9.626	ng/ul	92
52) Acenaphthene	14.899	153	48521	10.012	ng/ul	97
53) 2,4-Dinitrophenol	14.969	184	2650	3.889	ng/ul	87
55) 4-Nitrophenol	15.063	109	6676	6.802	ng/ul	93
56) Dibenzofuran	15.228	168	69849	10.070	ng/ul	100
57) 2,4-Dinitrotoluene	15.199	165	17326	9.829	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.463	232	11239	9.056	ng/ul#	89
59) Diethylphthalate	15.627	149	62002	9.815	ng/ul	100
61) Fluorene	15.880	166	56901	10.364	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.862	204	29718	10.395	ng/ul	95
63) 4-Nitroaniline	15.909	138	13315	10.506	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.968	198	8686	8.464	ng/ul#	96
67) N-Nitrosodiphenylamine	16.074	169	50823	10.475	ng/ul	97
68) 4-Bromophenyl-phenylether	16.756	248	18601	10.773	ng/ul	93
69) Hexachlorobenzene	16.885	284	18556	10.454	ng/ul#	90
70) Atrazine	17.020	200	21077	10.244	ng/ul	98
71) Pentachlorophenol	17.243	266	4025	4.939	ng/ul	89
72) Phenanthrene	17.625	178	96319	10.395	ng/ul	100
74) Anthracene	17.713	178	99519	10.705	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.636	216	25368	10.734	ng/ul	94
76) Pentachlorobenzene	15.146	250	23603	10.778	ng/ul	99
77) Carbazole	17.989	167	86547	10.387	ng/ul	99
78) Di-n-butylphthalate	18.512	149	110814	10.121	ng/ul	99
80) Fluoranthene	19.629	202	119487	9.493	ng/ul	97
82) Pyrene	19.987	202	121379	9.869	ng/ul	96
83) Butylbenzylphthalate	20.851	149	48028	9.081	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.767	252	40892	10.341	ng/ul	99
85) Benzo(a)anthracene	21.861	228	111962	9.960	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.726	149	69188	9.114	ng/ul#	99
87) Chrysene	21.932	228	107297	9.992	ng/ul	98
89) Di-n-octyl phthalate	22.989	149	118162	8.950	ng/ul	100
90) Benzo(b)fluoranthene	24.194	252	111021	9.609	ng/ul	98
91) Benzo(k)fluoranthene	24.264	252	102373	9.443	ng/ul	98
93) Benzo(a)pyrene	25.116	252	104977	9.540	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.194	276	115783	9.452	ng/ul	98
95) Dibenzo(a,h)anthracene	29.241	278	98141	9.469	ng/ul	95
96) Benzo(g,h,i)perylene	30.416	276	96330	9.395	ng/ul	96

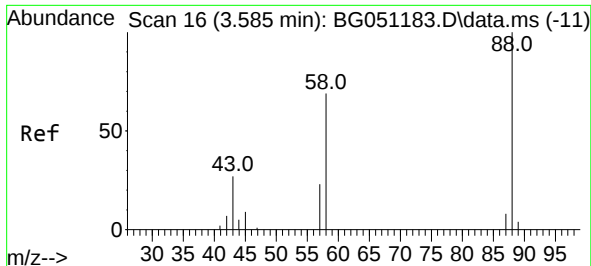
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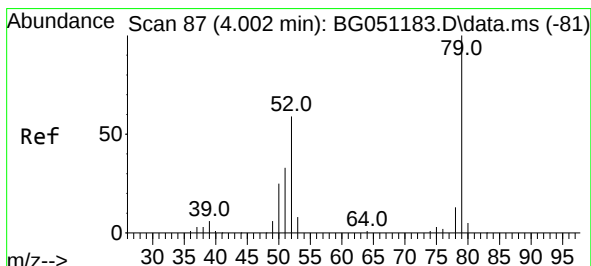
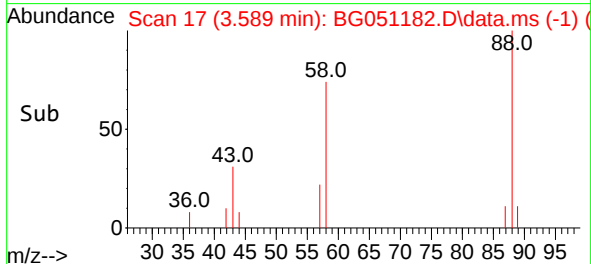
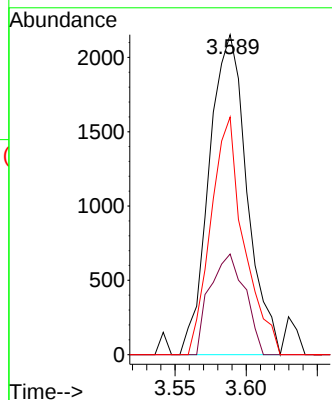
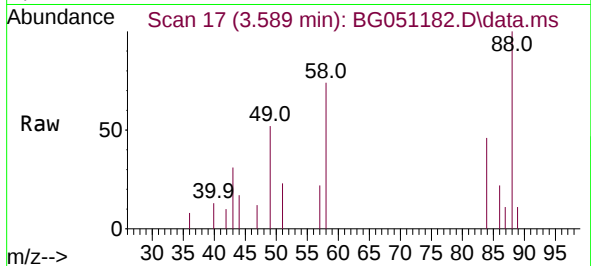




#2
1,4-Dioxane
Concen: 4.381 ng/uL
RT: 3.589 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

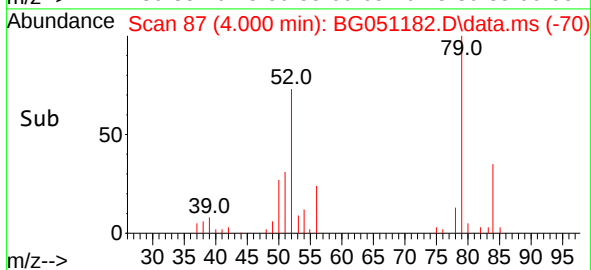
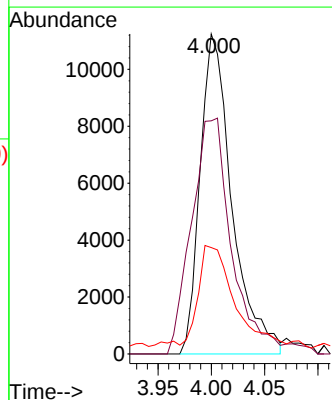
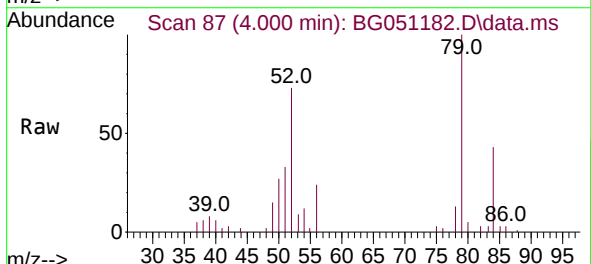
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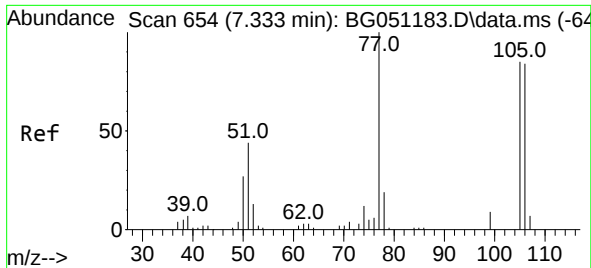
Tgt Ion: 88 Resp: 3997
Ion Ratio Lower Upper
88 100
43 31.4 23.0 34.4
58 74.2 62.4 93.6



#5
Pyridine
Concen: 9.093 ng/uL
RT: 4.000 min Scan# 87
Delta R.T. -0.002 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Tgt Ion: 79 Resp: 23393
Ion Ratio Lower Upper
79 100
52 72.9 60.8 91.2
51 33.3 30.5 45.7

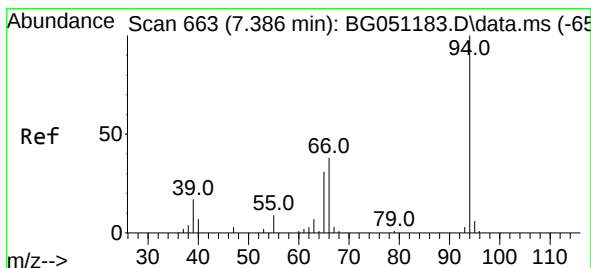
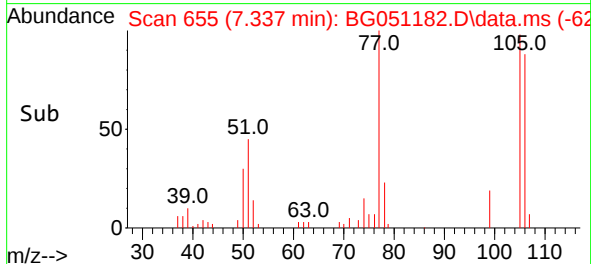
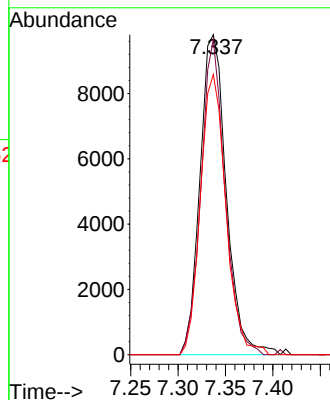
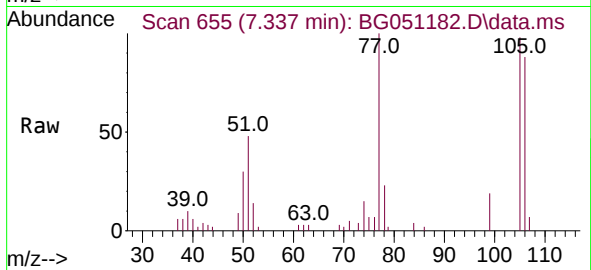




#6
Benzaldehyde
Concen: 10.490 ng/ul
RT: 7.337 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

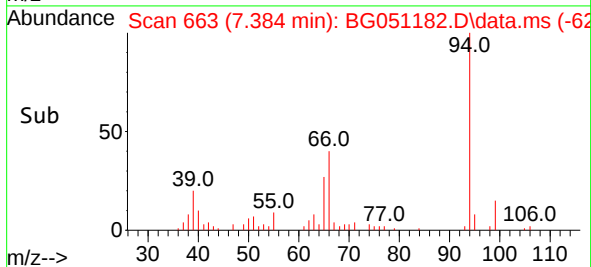
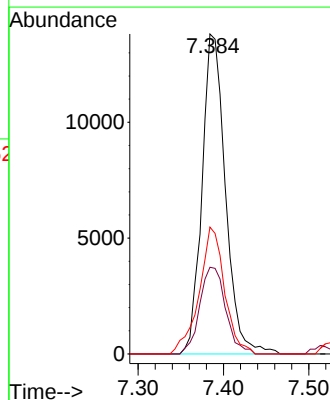
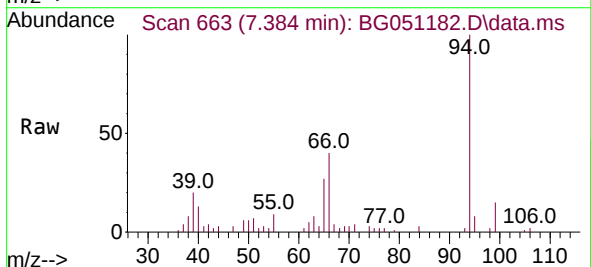
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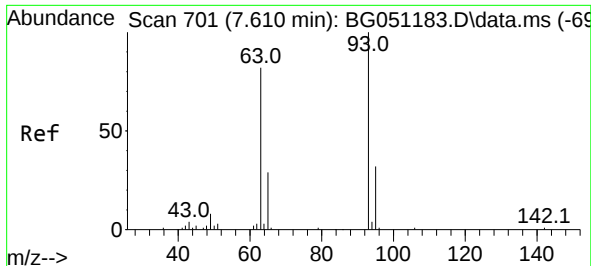
Tgt Ion: 77 Resp: 18925
Ion Ratio Lower Upper
77 100
105 98.5 70.4 105.6
106 87.6 61.2 91.8



#8
Phenol
Concen: 8.924 ng/ul
RT: 7.384 min Scan# 663
Delta R.T. -0.002 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Tgt Ion: 94 Resp: 26404
Ion Ratio Lower Upper
94 100
65 27.1 25.1 37.7
66 39.7 31.6 47.4

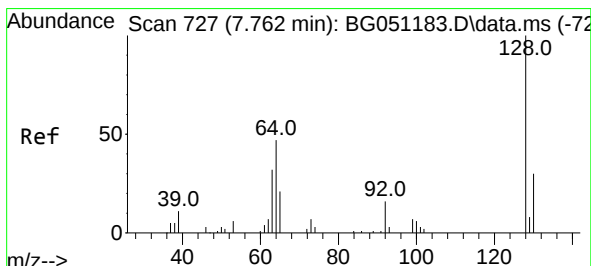
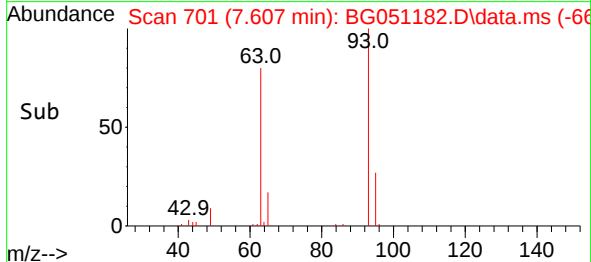
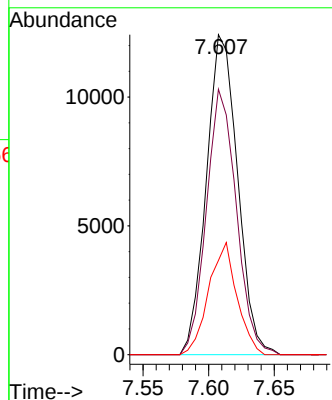
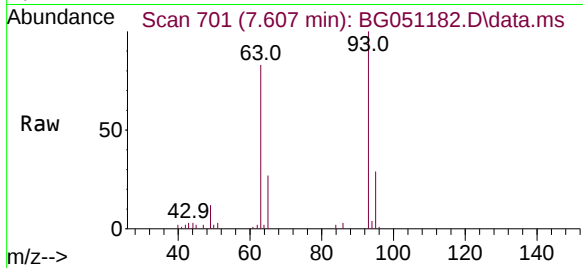




#10
 Bis(2-Chloroethyl)ether
 Concen: 9.307 ng/ul
 RT: 7.607 min Scan# 701
 Delta R.T. -0.002 min
 Lab File: BG051182.D
 Acq: 23 Nov 2021 11:34

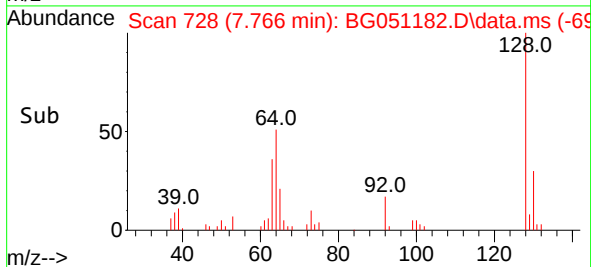
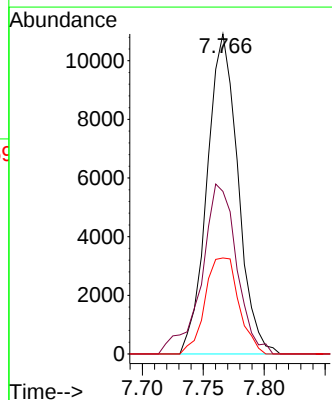
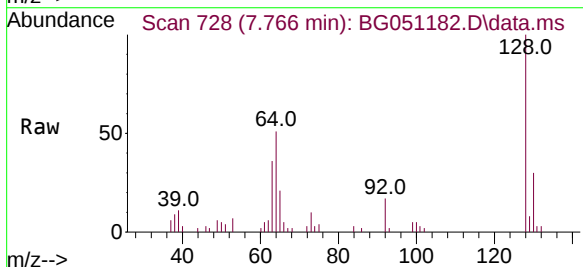
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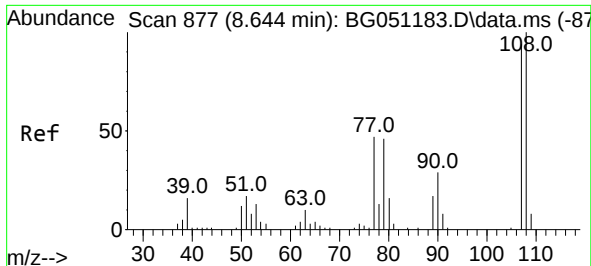
Tgt Ion: 93 Resp: 20613
 Ion Ratio Lower Upper
 93 100
 63 83.0 68.6 103.0
 95 29.5 26.1 39.1



#12
 2-Chlorophenol
 Concen: 9.557 ng/ul
 RT: 7.766 min Scan# 728
 Delta R.T. 0.004 min
 Lab File: BG051182.D
 Acq: 23 Nov 2021 11:34

Tgt Ion:128 Resp: 19236
 Ion Ratio Lower Upper
 128 100
 64 50.8 45.3 67.9
 130 30.0 27.1 40.7

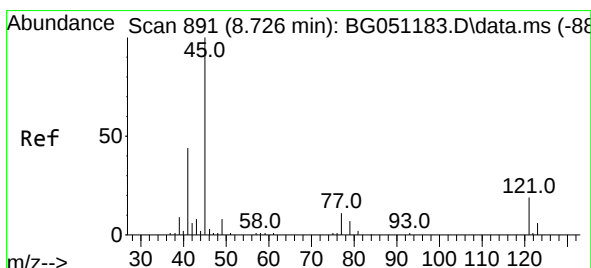
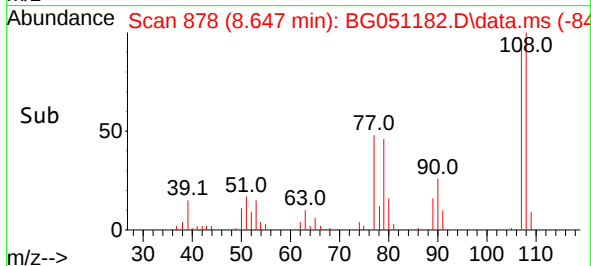
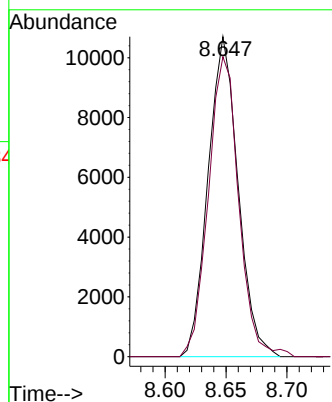
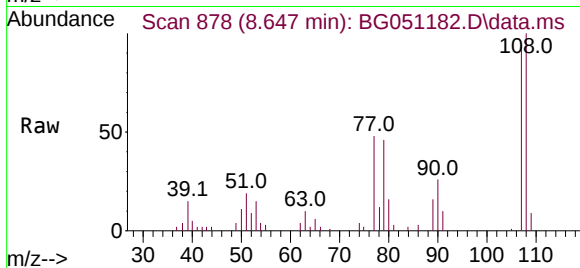




#13
2-Methylphenol
Concen: 8.400 ng/ul
RT: 8.647 min Scan# 877
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

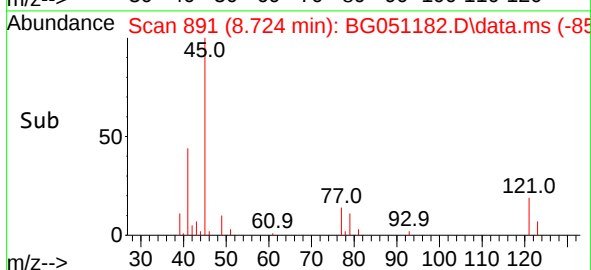
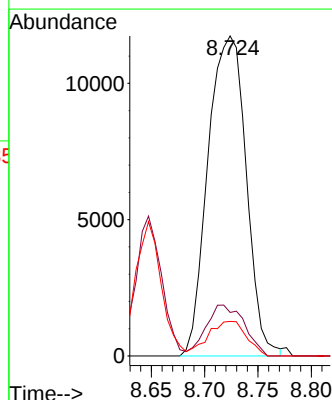
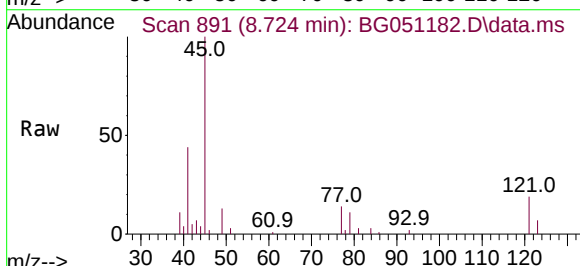
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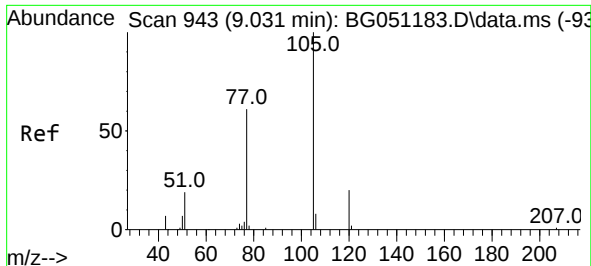
Tgt Ion:108 Resp: 18371
Ion Ratio Lower Upper
108 100
107 93.7 71.8 107.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 8.382 ng/ul
RT: 8.724 min Scan# 891
Delta R.T. -0.002 min
Lab File: BG051182.D
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Tgt Ion: 45 Resp: 29241
Ion Ratio Lower Upper
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77 13.6 10.7 16.1
79 10.8 8.5 12.7

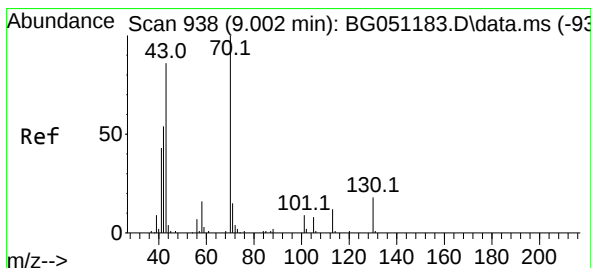
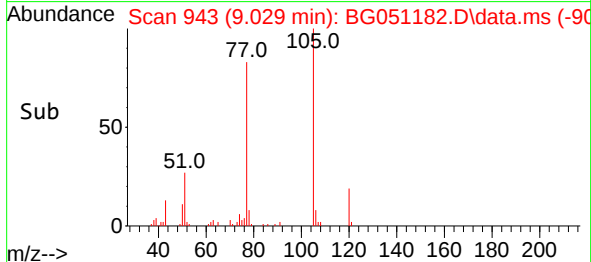
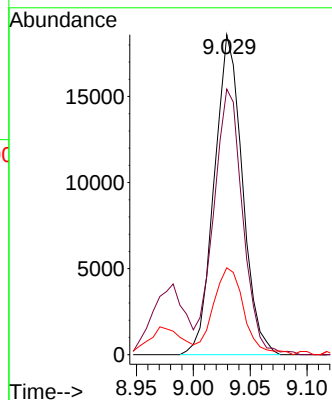
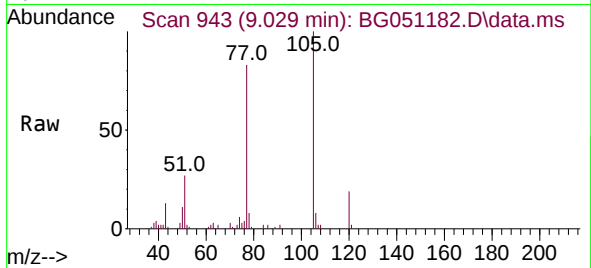




#16
Acetophenone
Concen: 9.128 ng/ul
RT: 9.029 min Scan# 943
Delta R.T. -0.002 min
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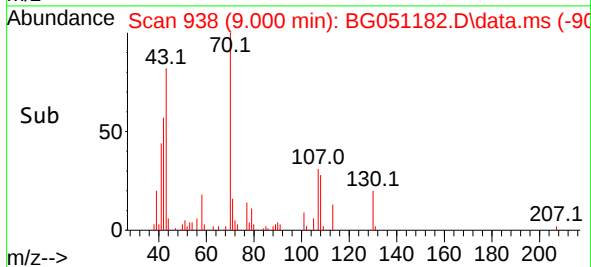
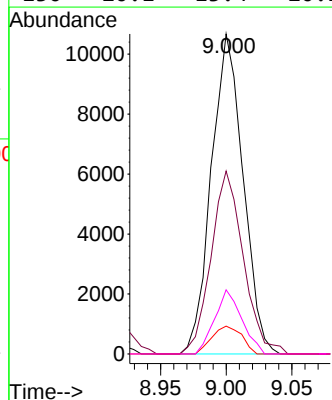
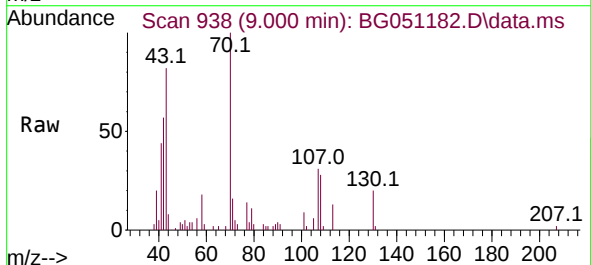
Instrument :
BNA_G
ClientSampleId :

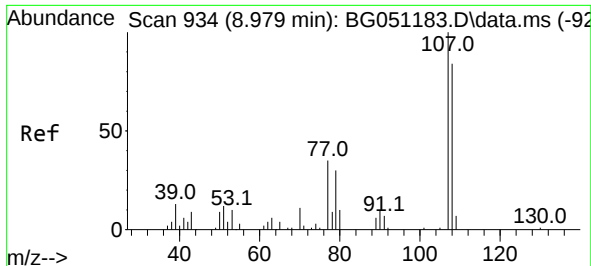
Tgt Ion	Ratio	Lower	Upper
105	100		
77	83.0	67.3	100.9
51	27.2	24.0	36.0



#17
N-Nitroso-di-n-propylamine
Concen: 8.501 ng/ul
RT: 9.000 min Scan# 938
Delta R.T. -0.002 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.2	46.0	69.0
101	8.7	7.0	10.4
130	20.1	13.4	20.2

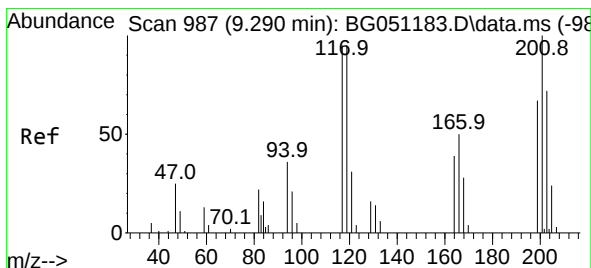
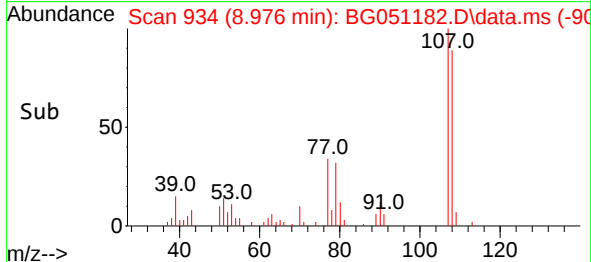
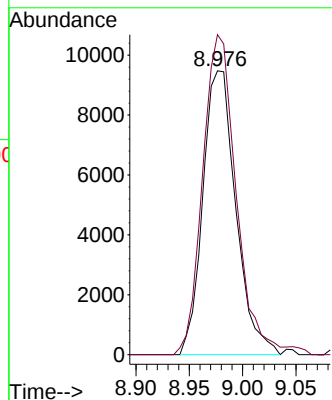
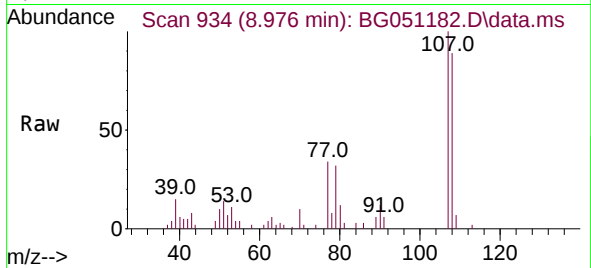




#18
4-Methylphenol
Concen: 8.780 ng/ul
RT: 8.976 min Scan# 911
Delta R.T. -0.002 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

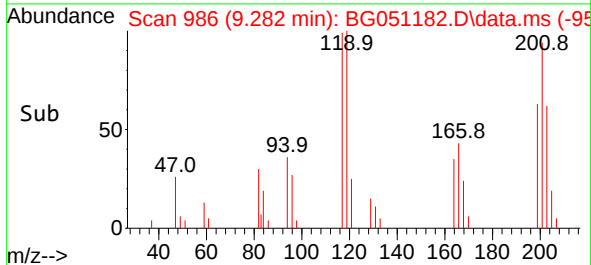
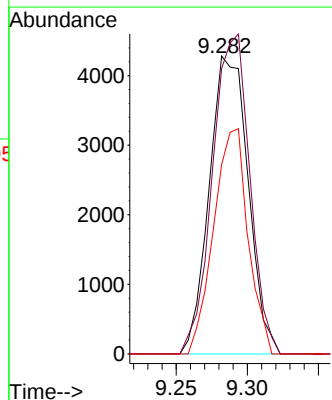
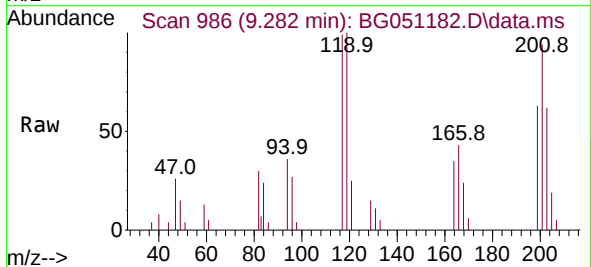
Instrument :
BNA_G
ClientSampleId :

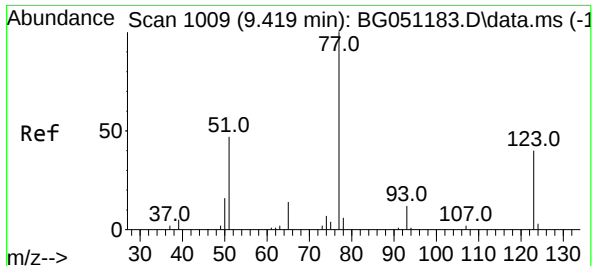
Tgt Ion:108 Resp: 20446
Ion Ratio Lower Upper
108 100
107 112.7 95.0 142.4



#19
Hexachloroethane
Concen: 9.684 ng/ul
RT: 9.282 min Scan# 986
Delta R.T. -0.008 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Tgt Ion:117 Resp: 8149
Ion Ratio Lower Upper
117 100
201 95.8 77.2 115.8
199 63.6 49.9 74.9





#22

Nitrobenzene

Concen: 9.614 ng/ul

RT: 9.423 min Scan# 1010

Delta R.T. 0.004 min

Lab File: BG051182.D

Acq: 23 Nov 2021 11:34

Instrument :

BNA_G

ClientSampleId :

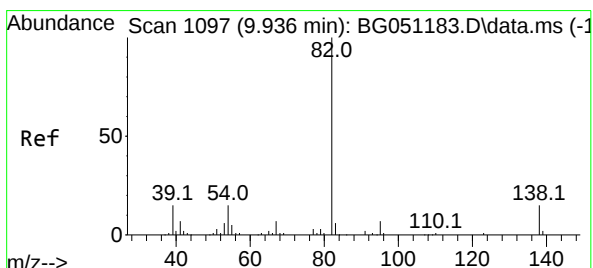
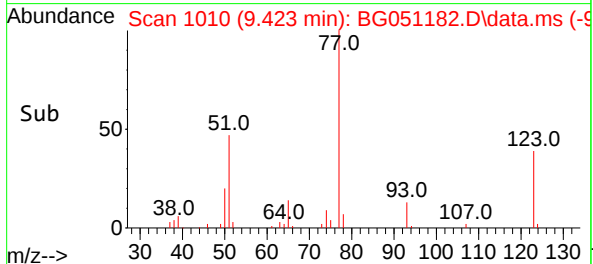
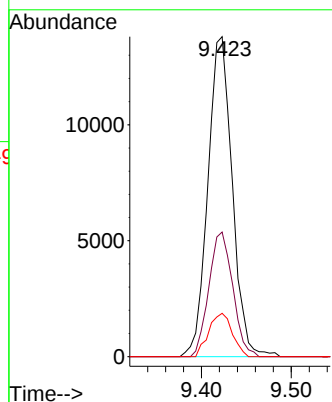
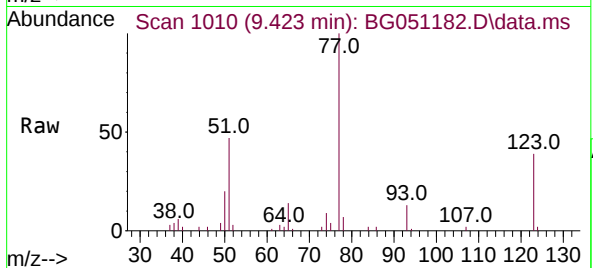
Tgt Ion: 77 Resp: 26001

Ion Ratio Lower Upper

77 100

123 38.9 30.1 45.1

65 13.5 9.6 14.4



#23

Isophorone

Concen: 9.276 ng/ul

RT: 9.934 min Scan# 1097

Delta R.T. -0.002 min

Lab File: BG051182.D

Acq: 23 Nov 2021 11:34

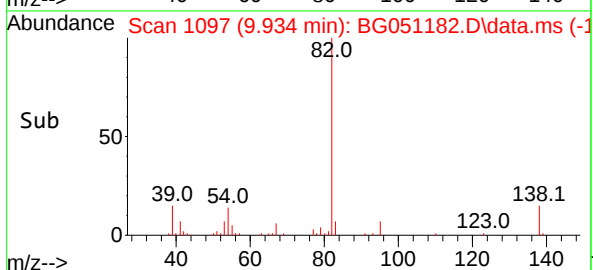
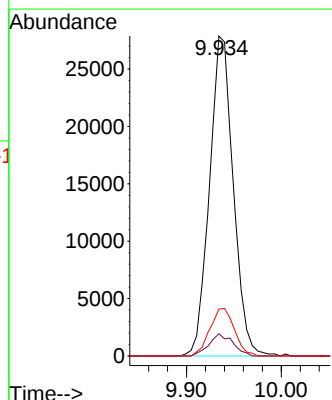
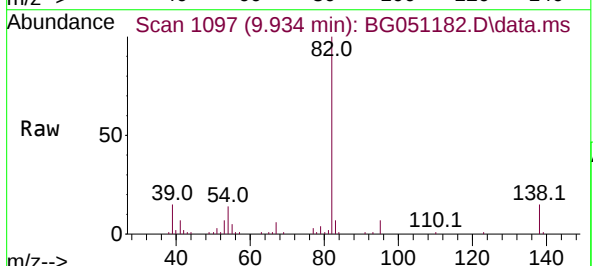
Tgt Ion: 82 Resp: 48685

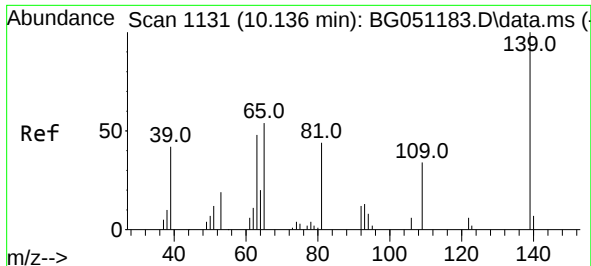
Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

138 14.7 11.8 17.8

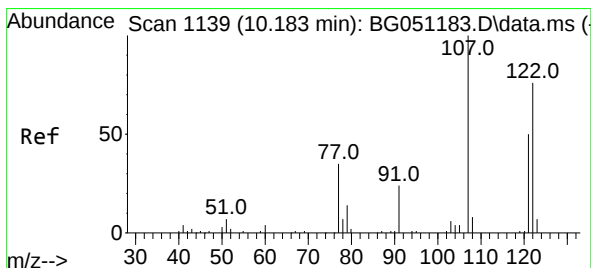
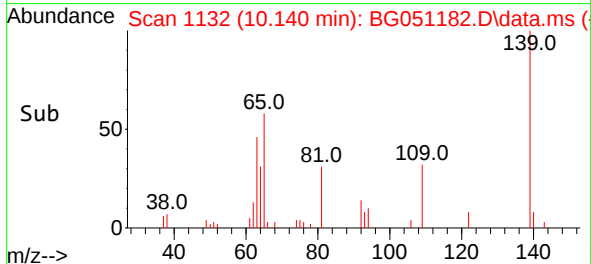
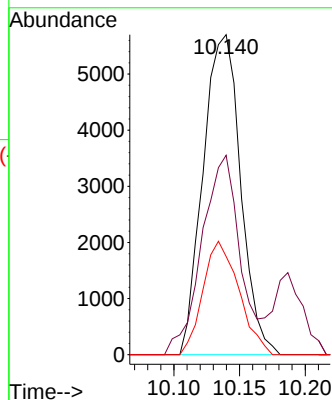
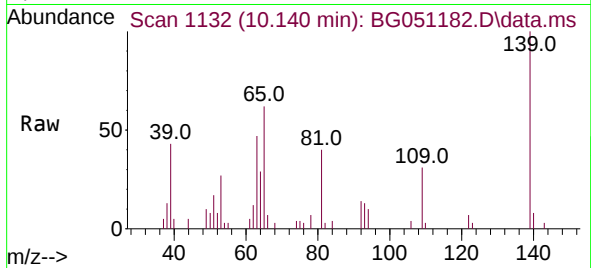




#25
2-Nitrophenol
Concen: 10.483 ng/ul
RT: 10.140 min Scan# 1131
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

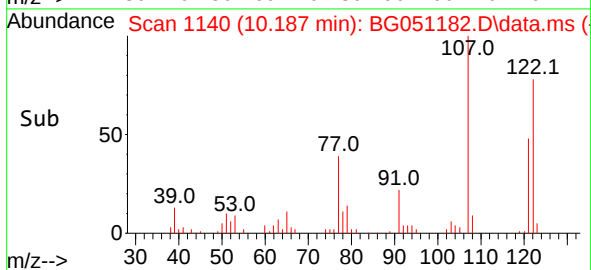
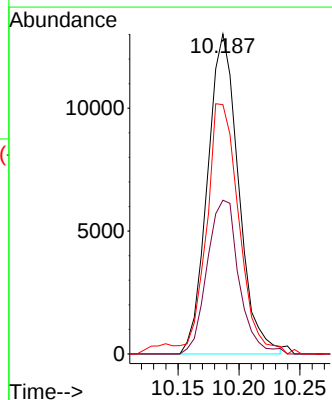
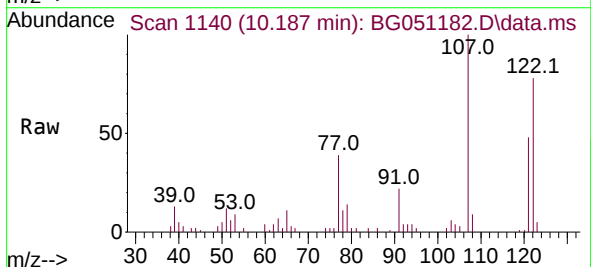
Instrument :
BNA_G
ClientSampleId :

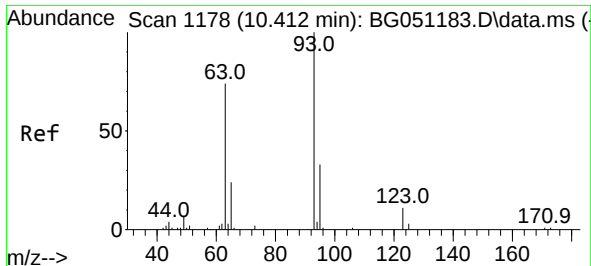
Tgt Ion	Ratio	Lower	Upper
139	100		
65	62.3	48.0	72.0
109	30.7	28.6	42.8



#26
2,4-Dimethylphenol
Concen: 9.707 ng/ul
RT: 10.187 min Scan# 1140
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Tgt Ion	Ratio	Lower	Upper
107	100		
121	48.1	39.3	58.9
122	77.9	63.7	95.5





#27

Bis(2-Chloroethoxy)methane

Concen: 9.711 ng/ul

RT: 10.416 min Scan# 1178

Delta R.T. 0.004 min

Lab File: BG051182.D

Acq: 23 Nov 2021 11:34

Instrument :

BNA_G

ClientSampleId :

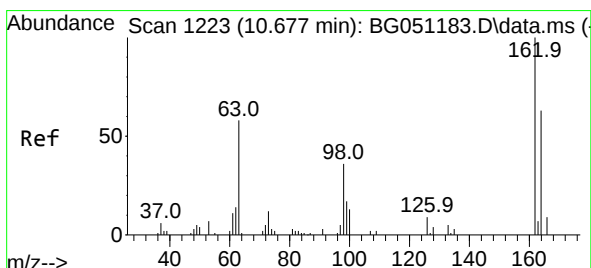
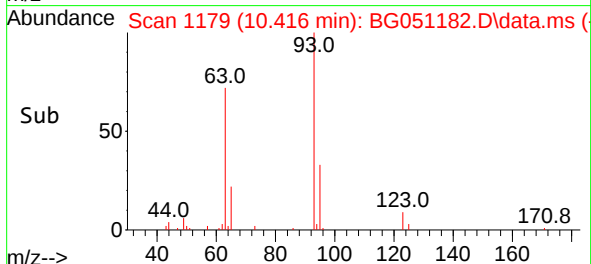
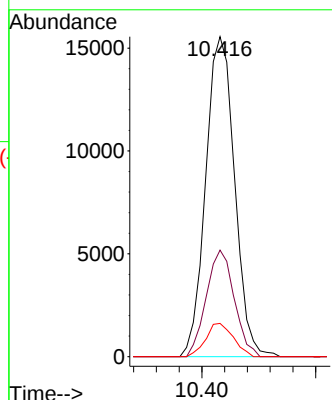
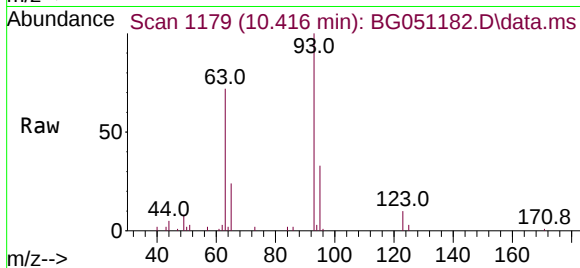
Tgt Ion: 93 Resp: 27464

Ion Ratio Lower Upper

93 100

95 33.3 26.5 39.7

123 10.4 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 10.074 ng/ul

RT: 10.680 min Scan# 1224

Delta R.T. 0.004 min

Lab File: BG051182.D

Acq: 23 Nov 2021 11:34

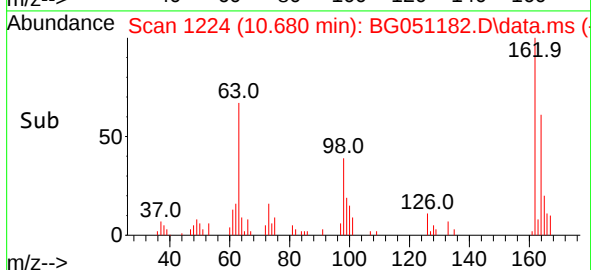
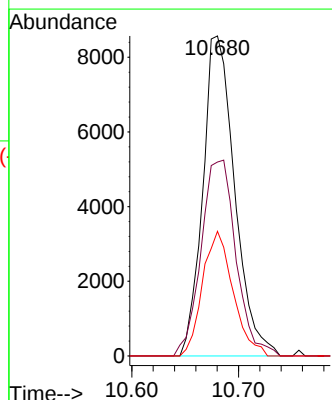
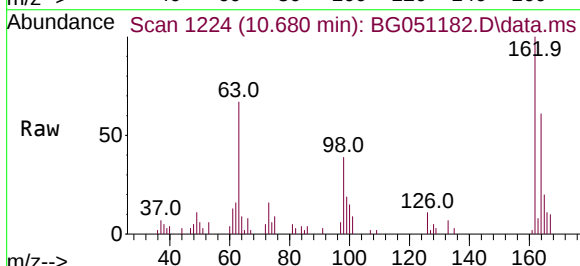
Tgt Ion:162 Resp: 17848

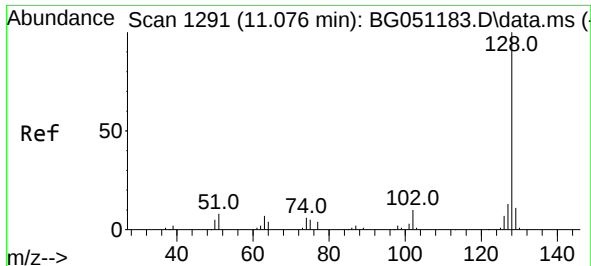
Ion Ratio Lower Upper

162 100

164 60.6 49.4 74.0

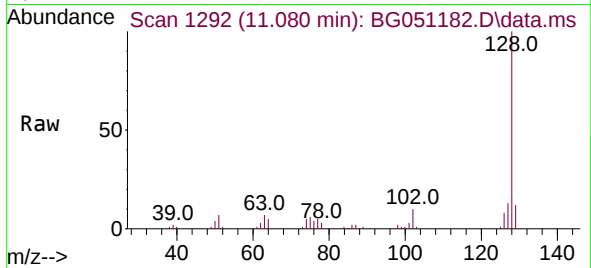
98 38.9 30.4 45.6



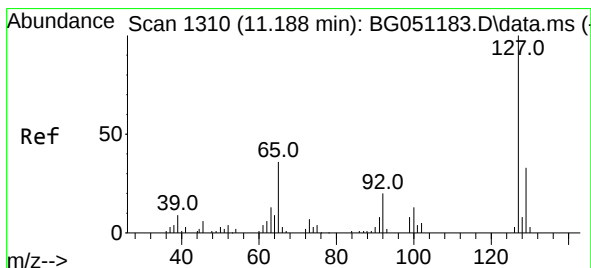
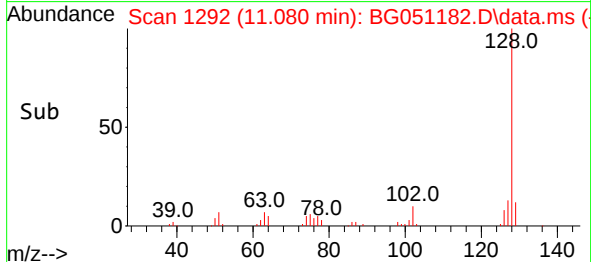
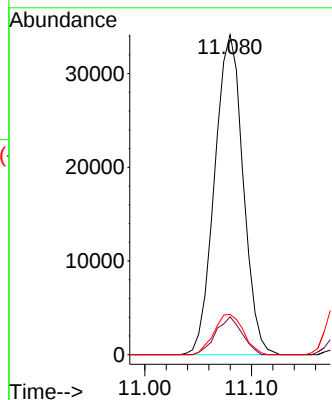


#30
Naphthalene
Concen: 10.152 ng/ul
RT: 11.080 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Instrument :
BNA_G
ClientSampleId :

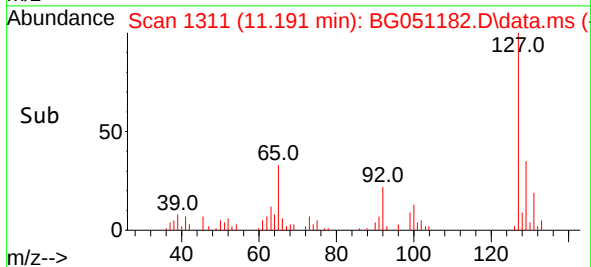
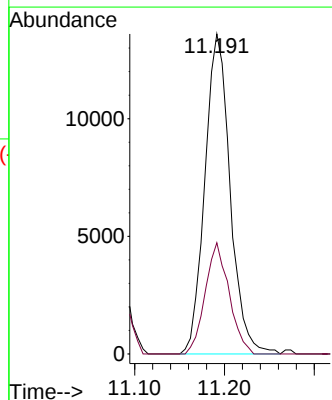
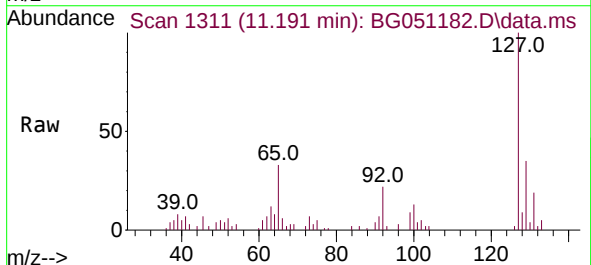


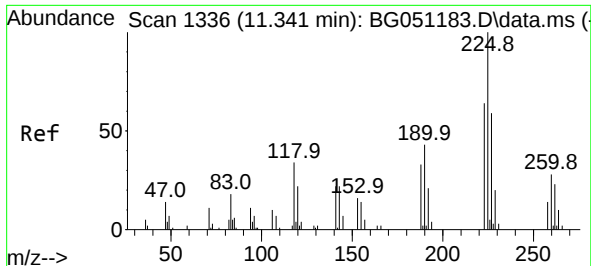
Tgt Ion:128 Resp: 63346
Ion Ratio Lower Upper
128 100
129 11.8 8.5 12.7
127 12.6 11.8 17.6



#32
4-Chloroaniline
Concen: 9.732 ng/ul
RT: 11.191 min Scan# 1311
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Tgt Ion:127 Resp: 26580
Ion Ratio Lower Upper
127 100
129 34.7 26.2 39.2

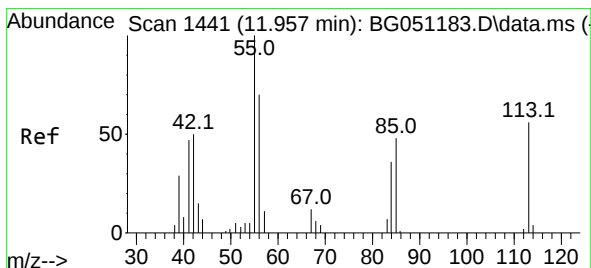
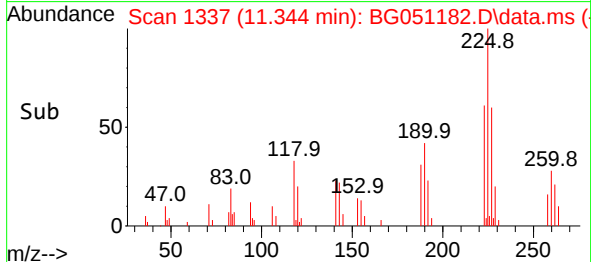
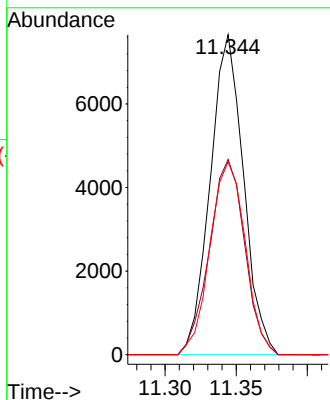
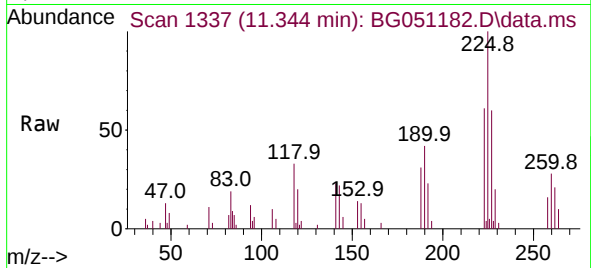




#33
Hexachlorobutadiene
Concen: 10.725 ng/ul
RT: 11.344 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

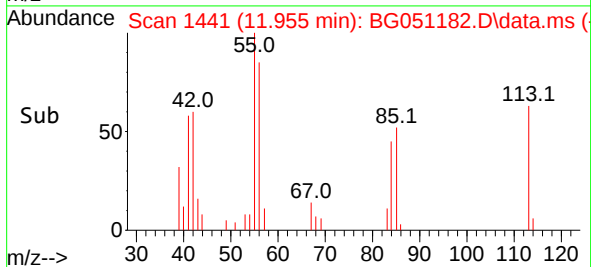
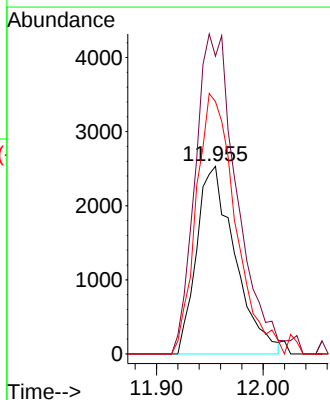
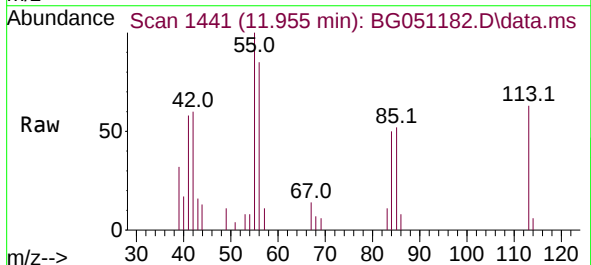
Instrument :
BNA_G
ClientSampleId :

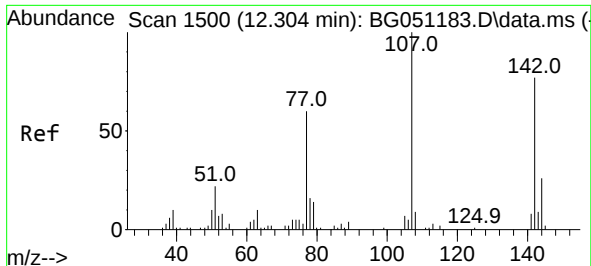
Tgt Ion:225 Resp: 12471
Ion Ratio Lower Upper
225 100
223 58.2 50.6 75.8
227 57.5 49.8 74.8



#34
Caprolactam
Concen: 8.437 ng/ul
RT: 11.955 min Scan# 1441
Delta R.T. -0.002 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Tgt Ion:113 Resp: 6346
Ion Ratio Lower Upper
113 100
55 158.7 147.0 220.6
56 134.5 109.2 163.8





#35

4-Chloro-3-methylphenol

Concen: 9.676 ng/ul

RT: 12.302 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG051182.D

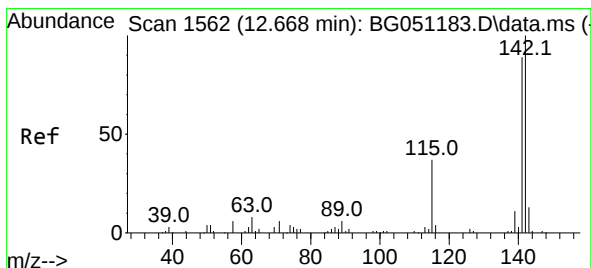
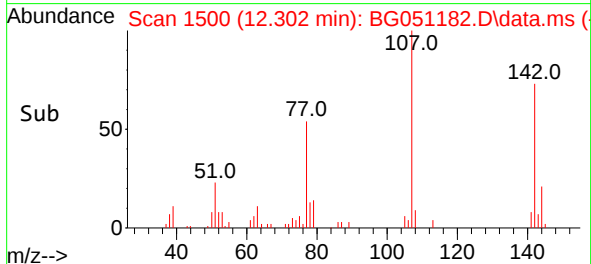
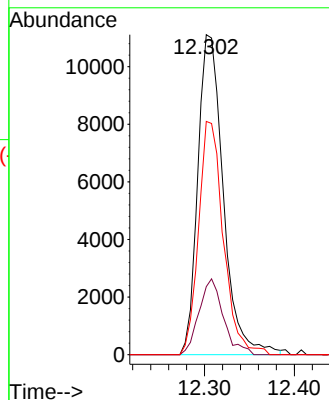
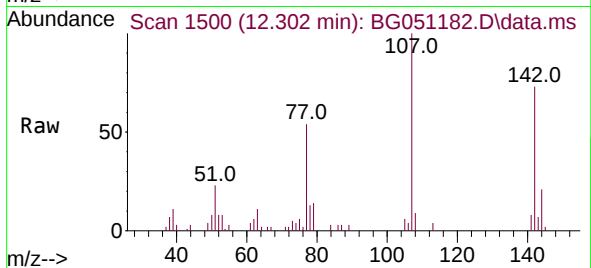
Acq: 23 Nov 2021 11:34

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:107	Resp:	21899
Ion Ratio	Lower	Upper
107	100	
144	21.3	19.8 29.6
142	72.9	56.2 84.4



#36

2-Methylnaphthalene

Concen: 9.809 ng/ul

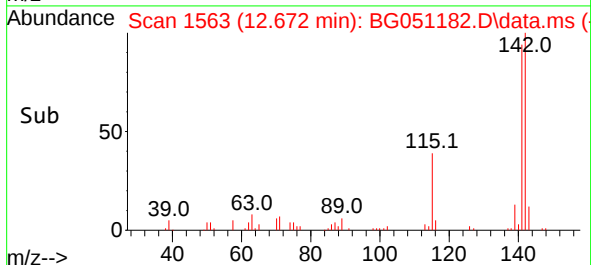
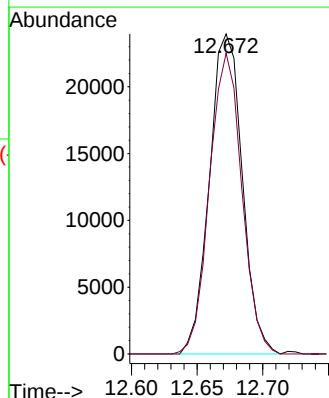
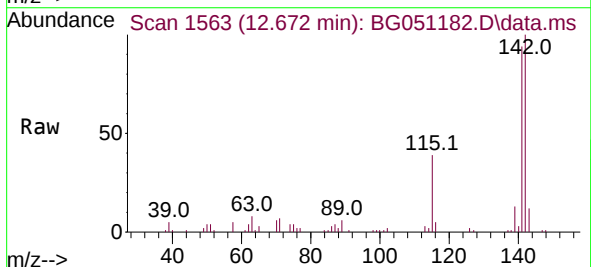
RT: 12.672 min Scan# 1563

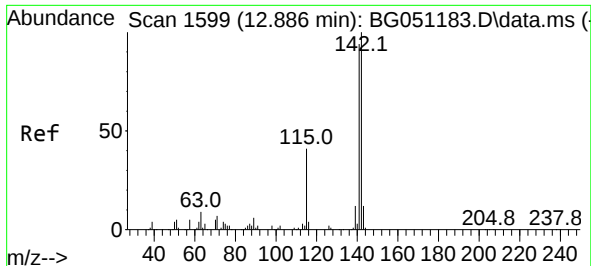
Delta R.T. 0.004 min

Lab File: BG051182.D

Acq: 23 Nov 2021 11:34

Tgt Ion:142	Resp:	41698
Ion Ratio	Lower	Upper
142	100	
141	94.0	73.3 109.9





#37

1-Methylnaphthalene

Concen: 9.731 ng/ul

RT: 12.889 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG051182.D

Acq: 23 Nov 2021 11:34

Instrument :

BNA_G

ClientSampleId :

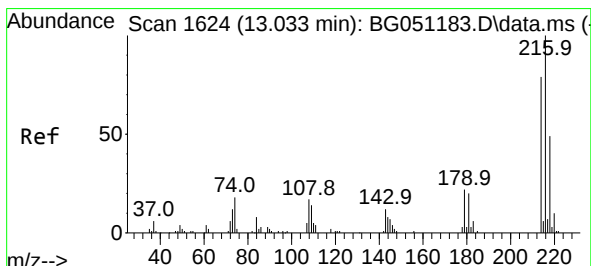
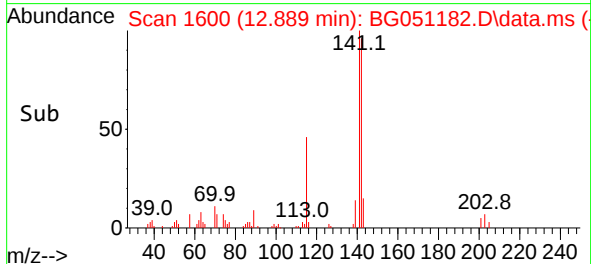
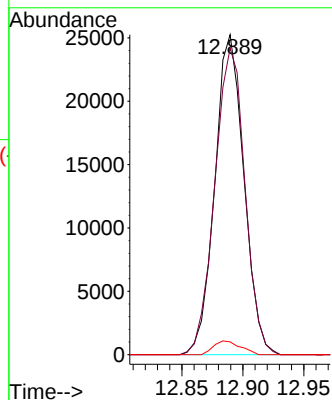
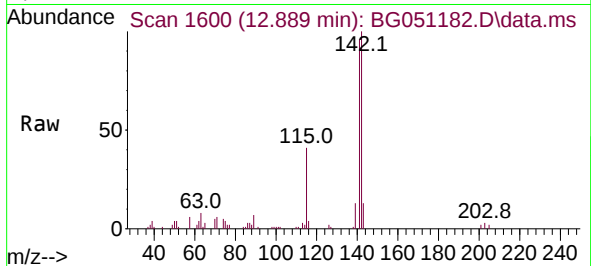
Tgt Ion:142 Resp: 41913

Ion Ratio Lower Upper

142 100

141 95.8 77.8 116.8

116 4.0 3.3 4.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 10.790 ng/ul

RT: 13.036 min Scan# 1625

Delta R.T. 0.004 min

Lab File: BG051182.D

Acq: 23 Nov 2021 11:34

Tgt Ion:216 Resp: 24255

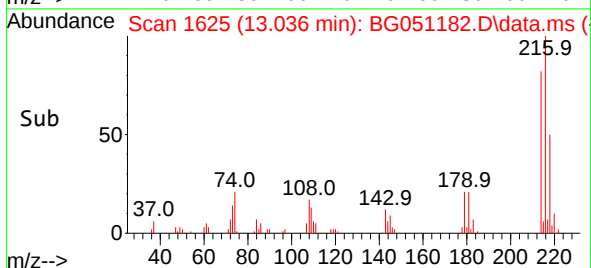
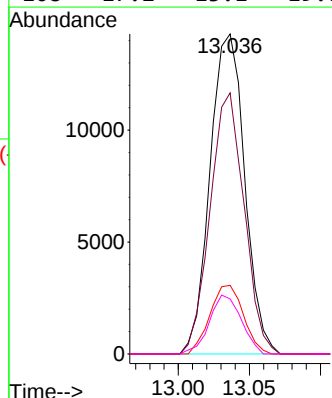
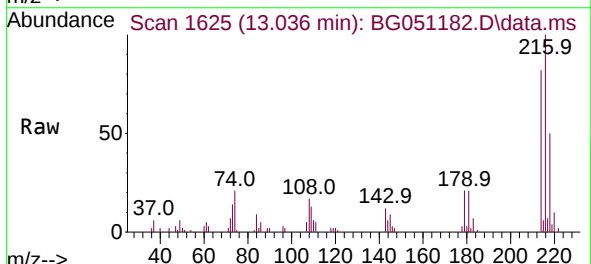
Ion Ratio Lower Upper

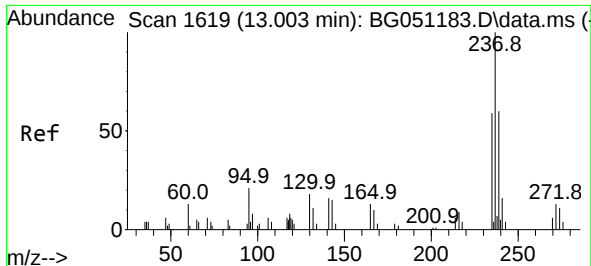
216 100

214 81.6 61.0 91.4

179 21.4 16.2 24.2

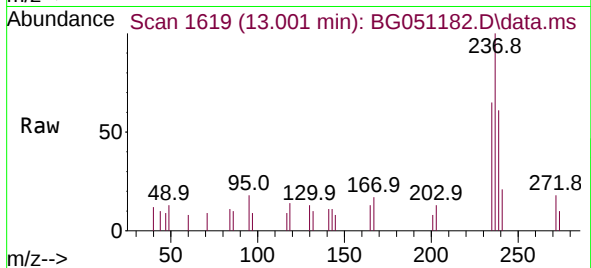
108 17.2 13.1 19.7



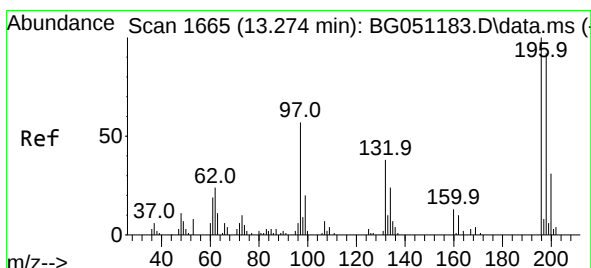
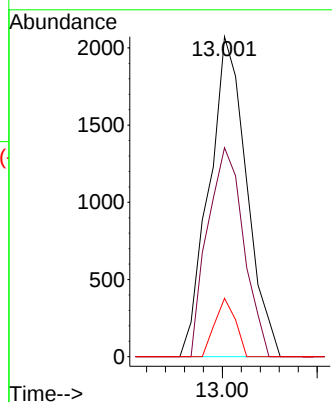
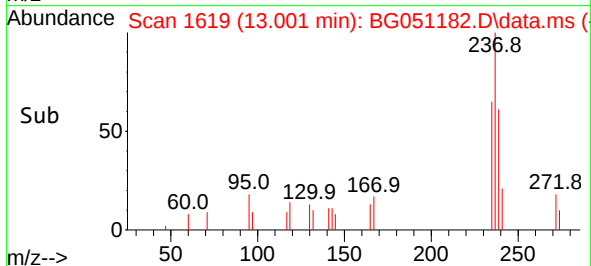


#40
Hexachlorocyclopentadiene
Concen: 2.632 ng/ul
RT: 13.001 min Scan# 1619
Delta R.T. -0.002 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

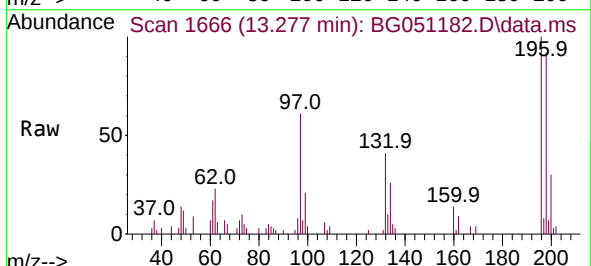
Instrument :
BNA_G
ClientSampleId :



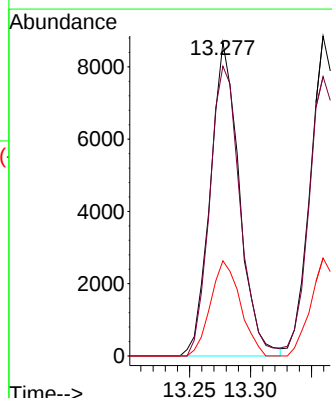
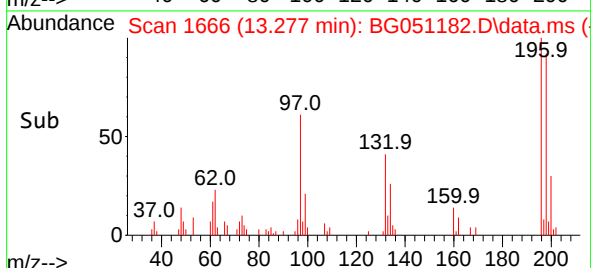
Tgt Ion:237 Resp: 2841
Ion Ratio Lower Upper
237 100
235 65.3 49.4 74.0
272 18.3 11.1 16.7#

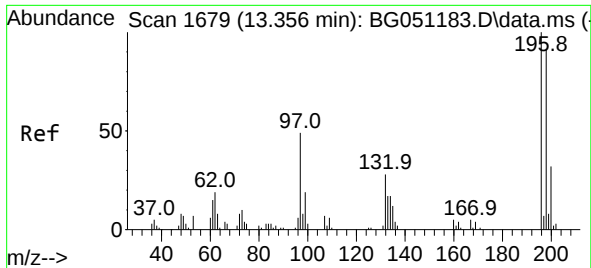


#41
2,4,6-Trichlorophenol
Concen: 9.770 ng/ul
RT: 13.277 min Scan# 1666
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34



Tgt Ion:196 Resp: 14371
Ion Ratio Lower Upper
196 100
198 92.4 74.3 111.5
200 30.4 23.8 35.6

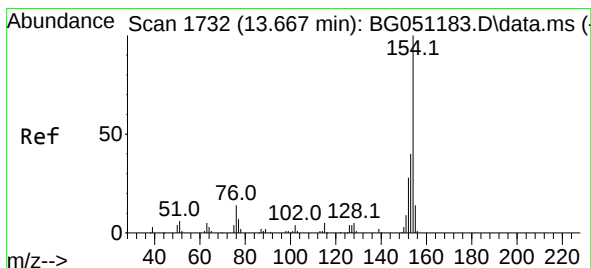
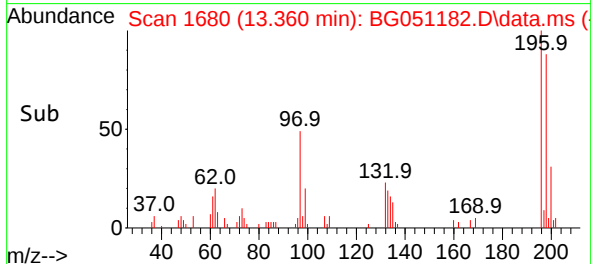
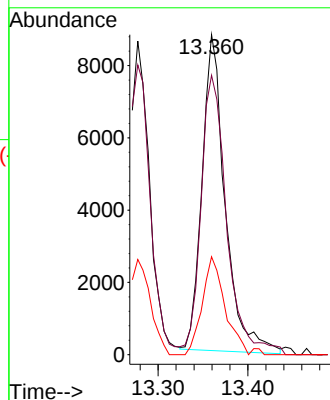
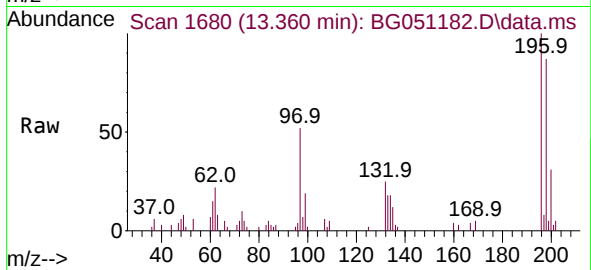




#42
 2,4,5-Trichlorophenol
 Concen: 9.900 ng/ul
 RT: 13.360 min Scan# 1
 Delta R.T. 0.004 min
 Lab File: BG051182.D
 Acq: 23 Nov 2021 11:34

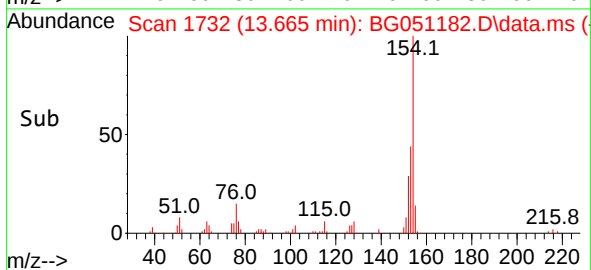
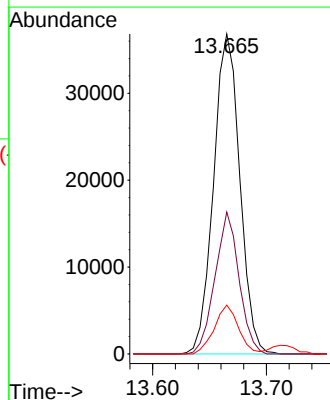
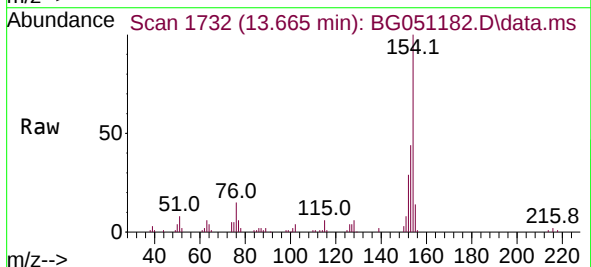
Instrument :
 BNA_G
 ClientSampleId :

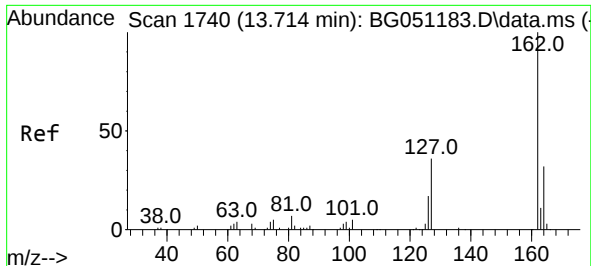
Tgt Ion:196 Resp: 15633
 Ion Ratio Lower Upper
 196 100
 198 87.3 77.0 115.4
 200 30.6 25.4 38.2



#43
 1,1'-Biphenyl
 Concen: 10.465 ng/ul
 RT: 13.665 min Scan# 1732
 Delta R.T. -0.002 min
 Lab File: BG051182.D
 Acq: 23 Nov 2021 11:34

Tgt Ion:154 Resp: 59013
 Ion Ratio Lower Upper
 154 100
 153 44.3 34.5 51.7
 76 15.3 13.1 19.7

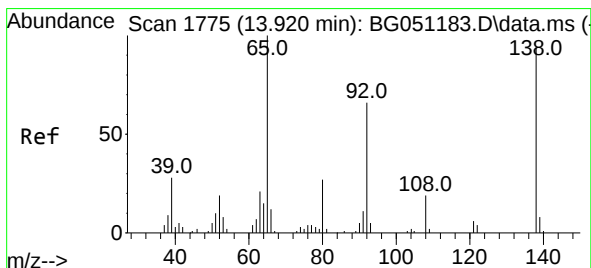
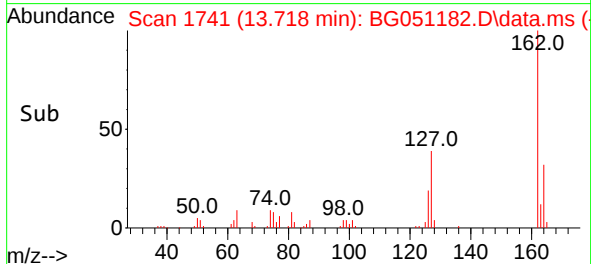
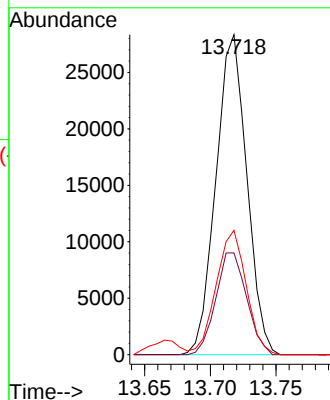
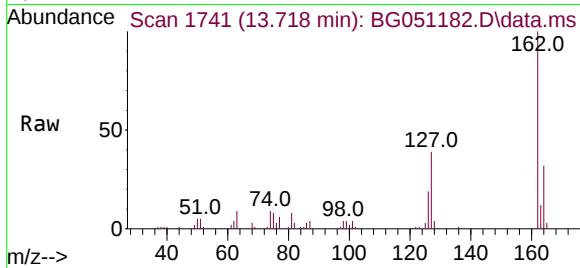




#44
2-Chloronaphthalene
Concen: 10.492 ng/ul
RT: 13.718 min Scan# 1741
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

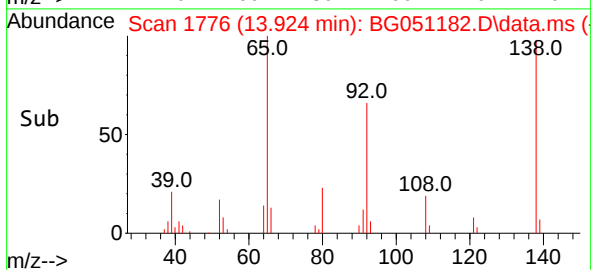
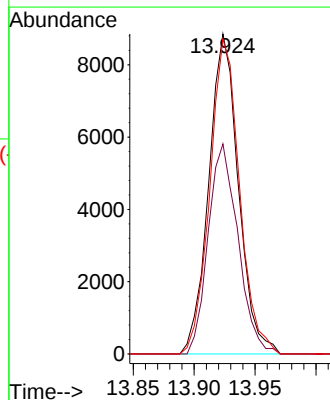
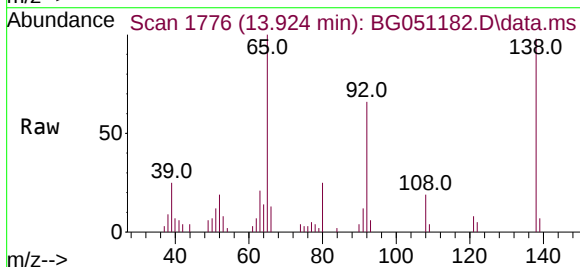
Instrument :
BNA_G
ClientSampleId :

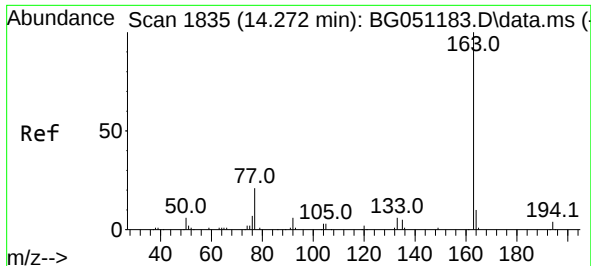
Tgt Ion:162 Resp: 46365
Ion Ratio Lower Upper
162 100
164 31.8 26.1 39.1
127 38.9 31.0 46.4



#45
2-Nitroaniline
Concen: 8.531 ng/ul
RT: 13.924 min Scan# 1776
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Tgt Ion: 65 Resp: 14978
Ion Ratio Lower Upper
65 100
92 65.7 53.0 79.4
138 98.4 67.4 101.0

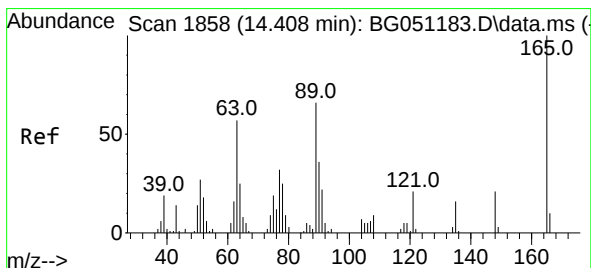
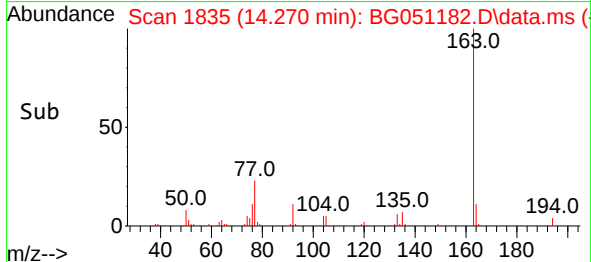
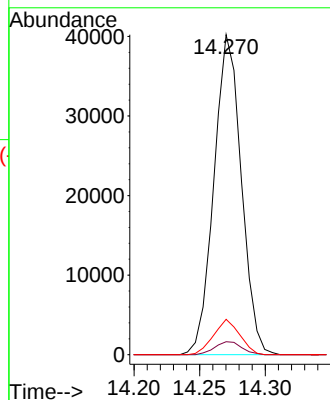
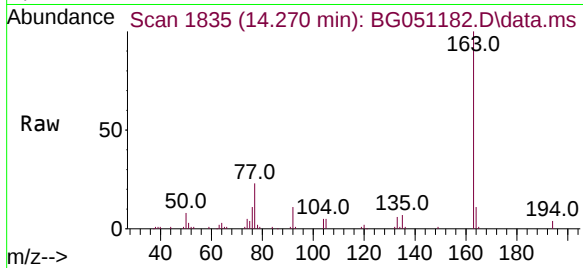




#47
Dimethylphthalate
Concen: 9.890 ng/ul
RT: 14.270 min Scan# 1835
Delta R.T. -0.002 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

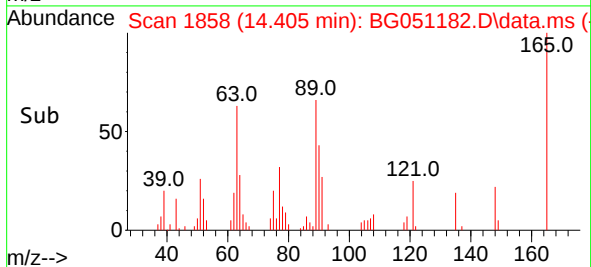
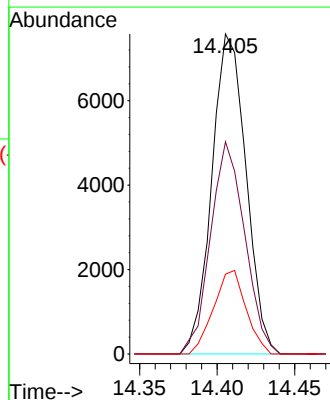
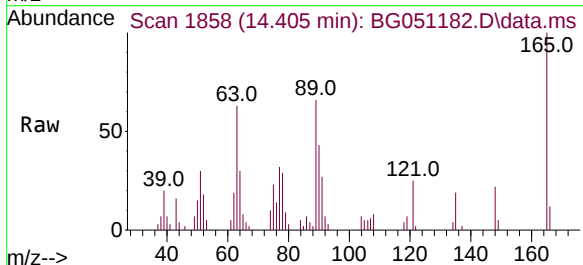
Instrument :
BNA_G
ClientSampleId :

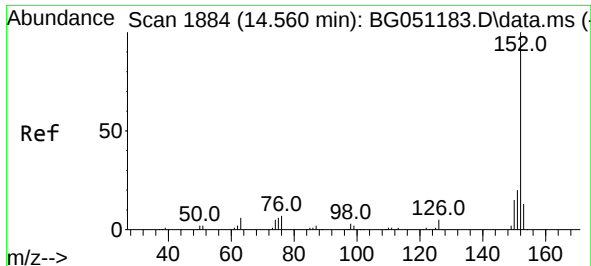
Tgt Ion:163 Resp: 58366
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 11.1 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 9.421 ng/ul
RT: 14.405 min Scan# 1858
Delta R.T. -0.002 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

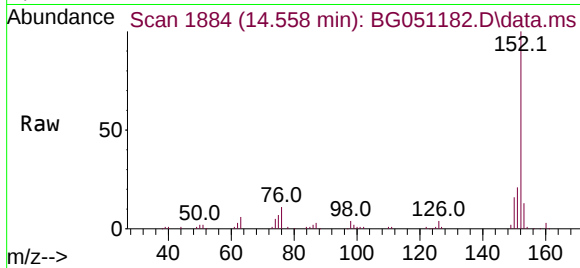
Tgt Ion:165 Resp: 11637
Ion Ratio Lower Upper
165 100
89 66.3 57.4 86.0
121 25.0 18.8 28.2



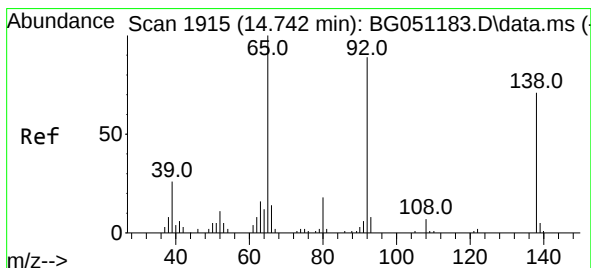
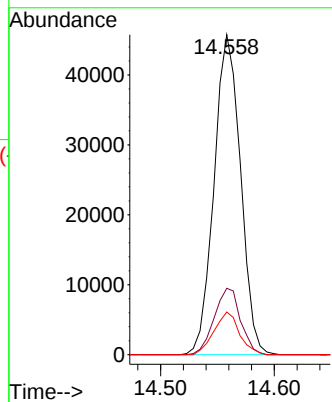
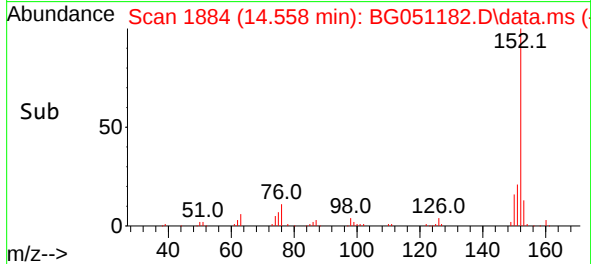


#50
Acenaphthylene
Concen: 10.036 ng/ul
RT: 14.558 min Scan# 1884
Delta R.T. -0.002 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Instrument :
BNA_G
ClientSampleId :

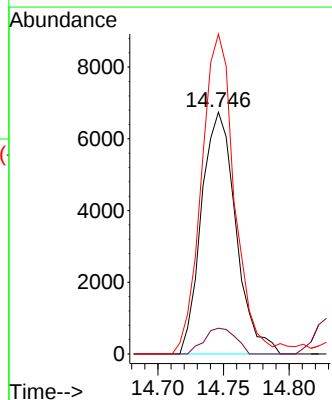
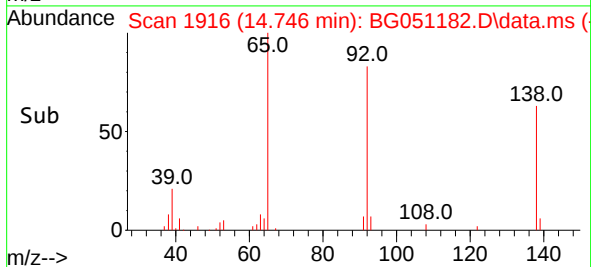
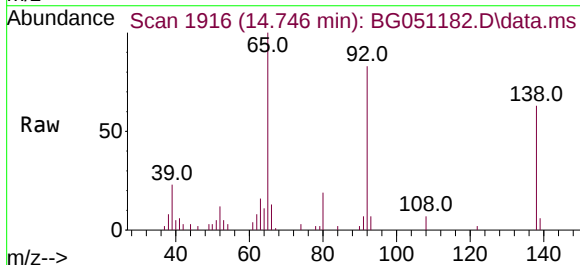


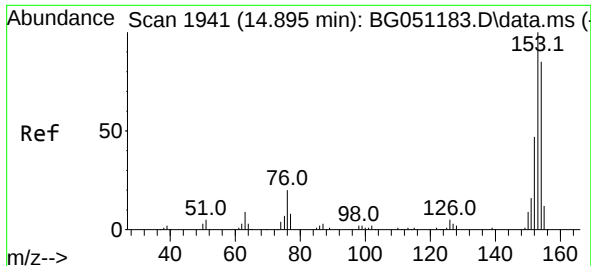
Tgt Ion:152 Resp: 73961
Ion Ratio Lower Upper
152 100
151 20.7 17.4 26.0
153 13.4 10.3 15.5



#51
3-Nitroaniline
Concen: 9.626 ng/ul
RT: 14.746 min Scan# 1916
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Tgt Ion:138 Resp: 12297
Ion Ratio Lower Upper
138 100
108 10.7 8.8 13.2
92 132.4 98.0 147.0

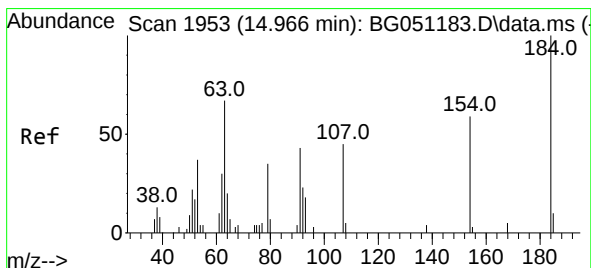
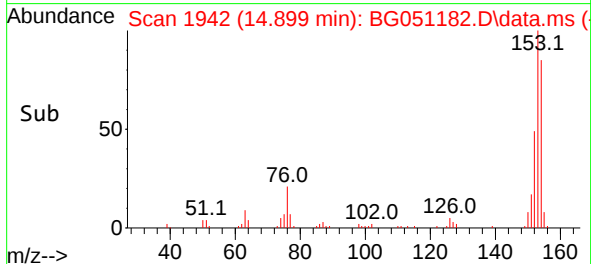
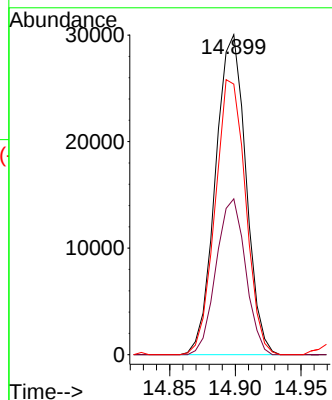
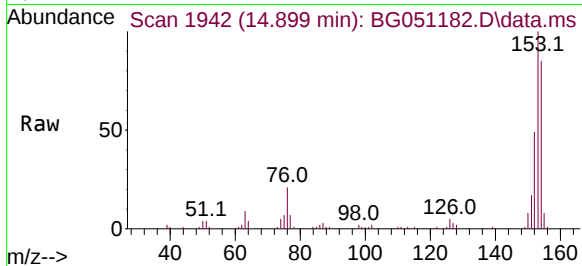




#52
Acenaphthene
Concen: 10.012 ng/ul
RT: 14.899 min Scan# 1942
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

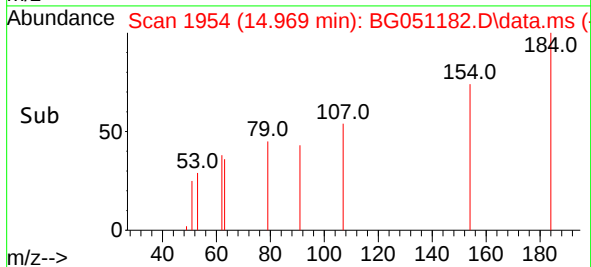
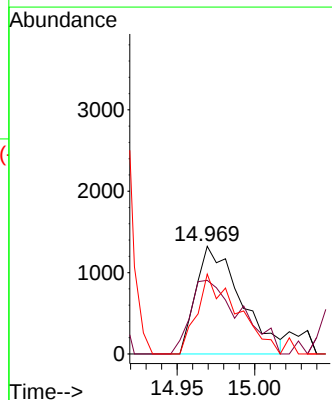
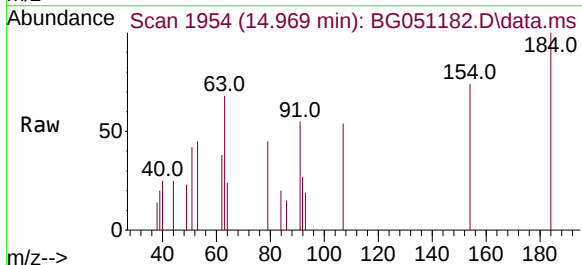
Instrument :
BNA_G
ClientSampleId :

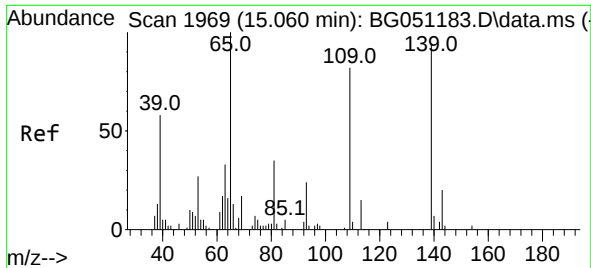
Tgt Ion:153 Resp: 48521
Ion Ratio Lower Upper
153 100
152 48.7 36.5 54.7
154 84.5 65.8 98.6



#53
2,4-Dinitrophenol
Concen: 3.889 ng/ul
RT: 14.969 min Scan# 1954
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Tgt Ion:184 Resp: 2650
Ion Ratio Lower Upper
184 100
63 68.3 66.2 99.2
154 74.2 53.6 80.4

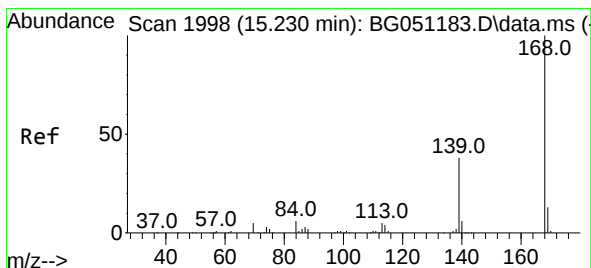
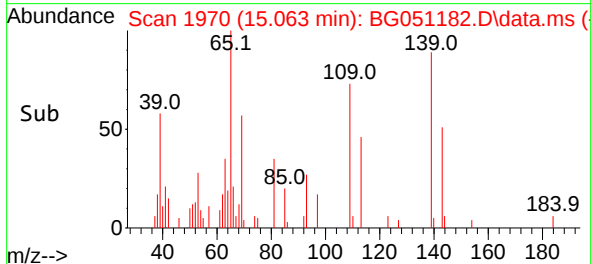
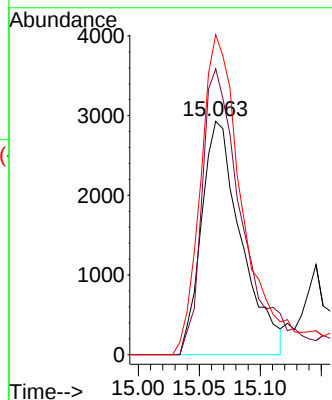
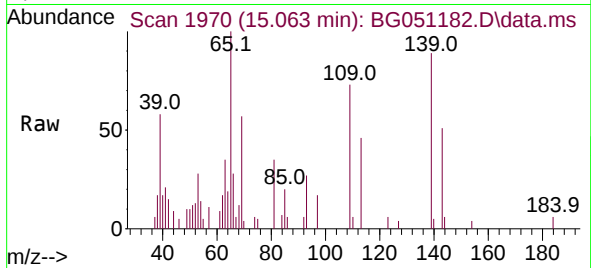




#55
4-Nitrophenol
Concen: 6.802 ng/ul
RT: 15.063 min Scan# 1969
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

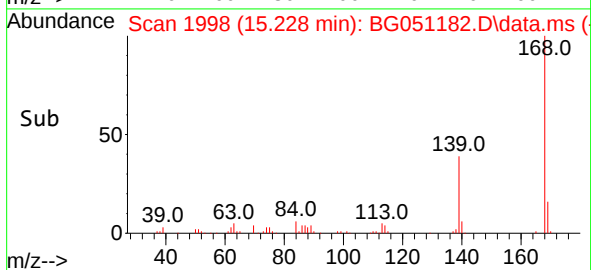
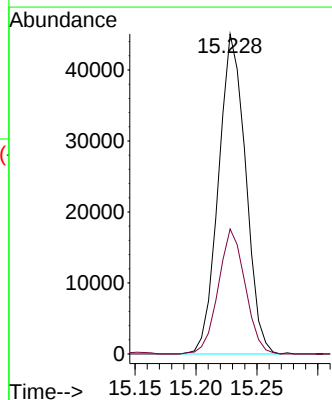
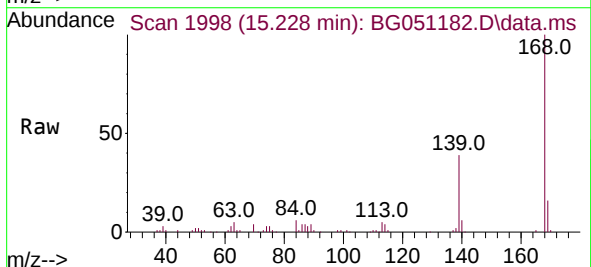
Instrument :
BNA_G
ClientSampleId :

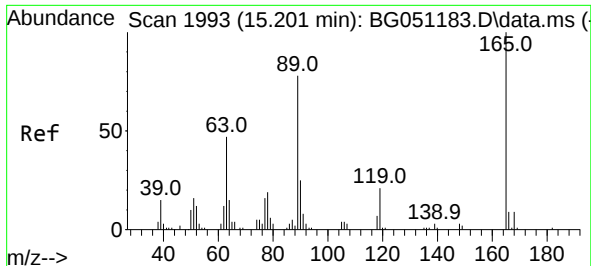
Tgt Ion:109 Resp: 6676
Ion Ratio Lower Upper
109 100
139 122.6 88.7 133.1
65 137.2 113.6 170.4



#56
Dibenzofuran
Concen: 10.070 ng/ul
RT: 15.228 min Scan# 1998
Delta R.T. -0.002 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Tgt Ion:168 Resp: 69849
Ion Ratio Lower Upper
168 100
139 39.1 31.2 46.8





#57

2,4-Dinitrotoluene

Concen: 9.829 ng/ul

RT: 15.199 min Scan# 1993

Delta R.T. -0.002 min

Lab File: BG051182.D

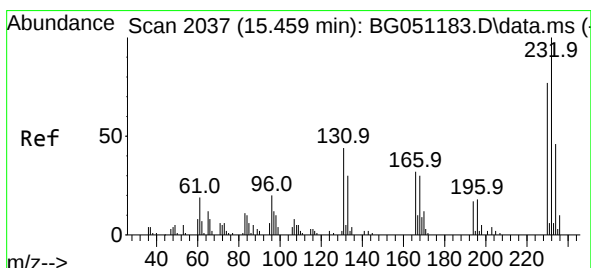
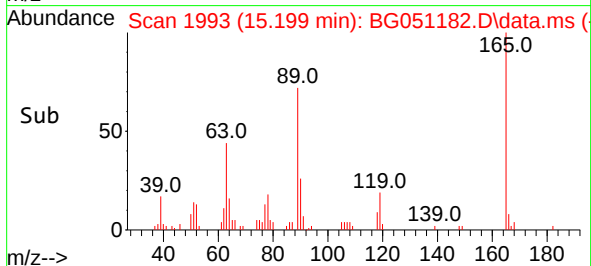
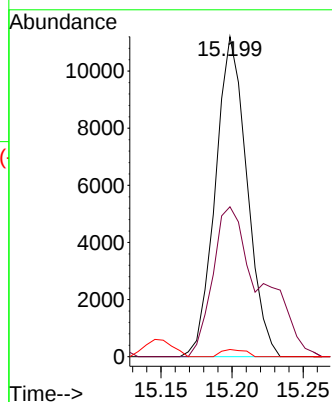
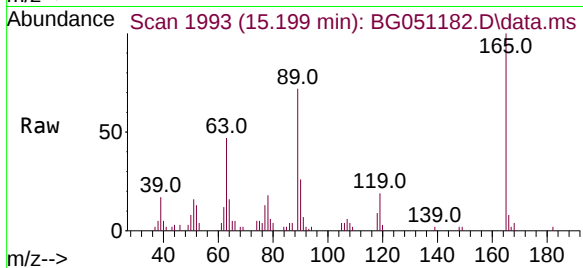
Acq: 23 Nov 2021 11:34

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:165	Resp:	17326
Ion Ratio	Lower	Upper
165	100	
63	46.8	42.1 63.1
182	2.3	1.8 2.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 9.056 ng/ul

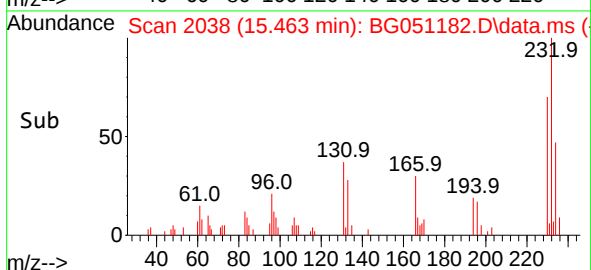
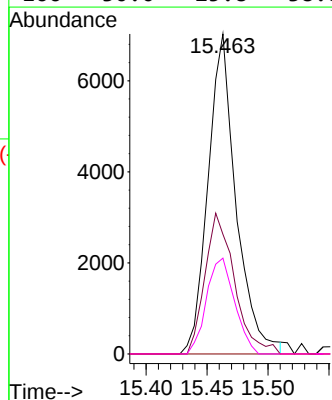
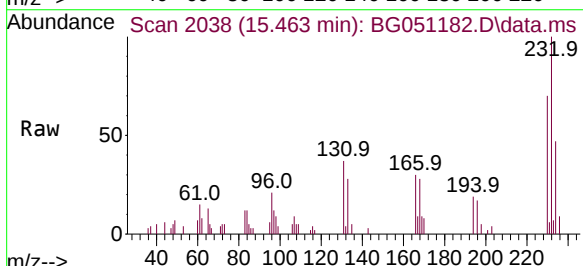
RT: 15.463 min Scan# 2038

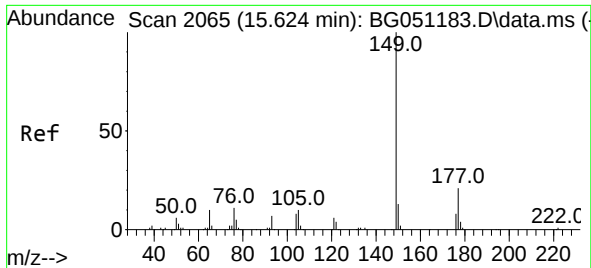
Delta R.T. 0.004 min

Lab File: BG051182.D

Acq: 23 Nov 2021 11:34

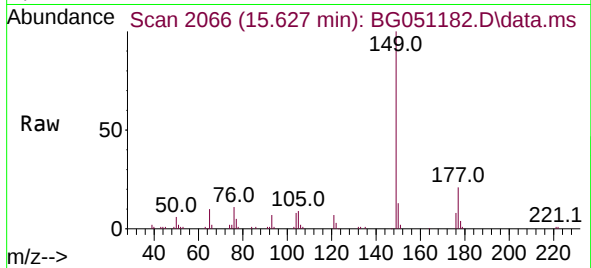
Tgt Ion:232	Resp:	11239
Ion Ratio	Lower	Upper
232	100	
131	37.4	38.9 58.3#
130	0.0	2.4 3.6#
166	30.0	25.8 38.8



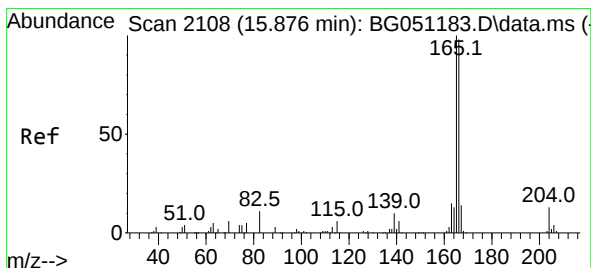
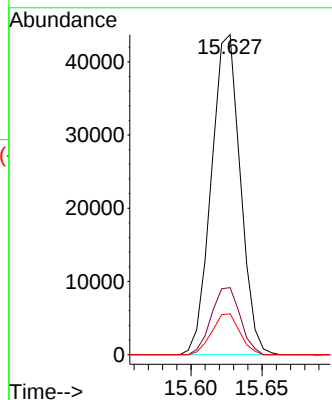
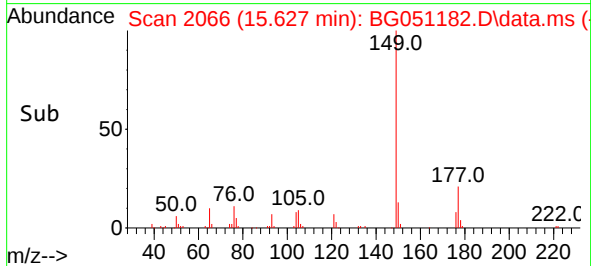


#59
Diethylphthalate
Concen: 9.815 ng/ul
RT: 15.627 min Scan# 2065
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Instrument :
BNA_G
ClientSampleId :

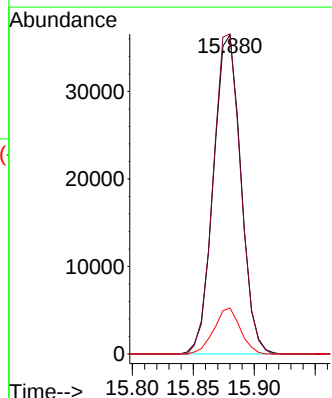
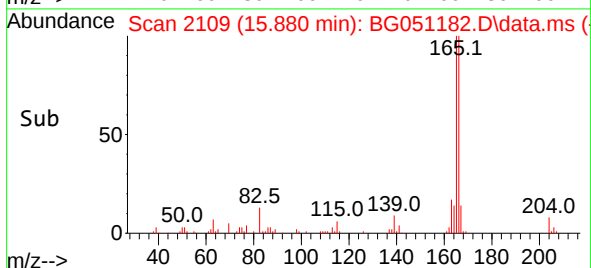
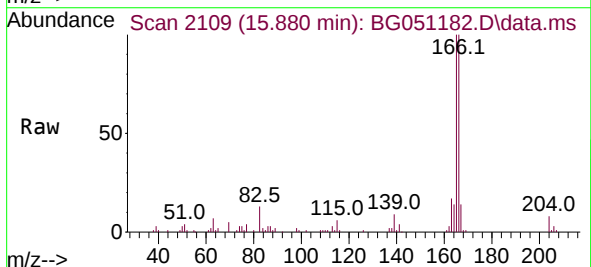


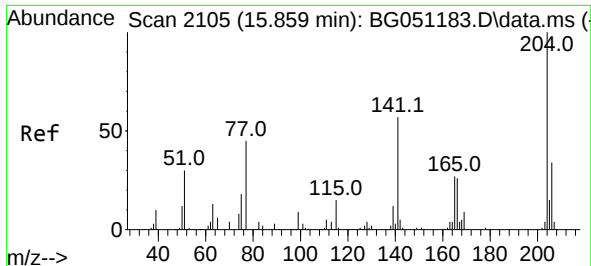
Tgt Ion:149 Resp: 62002
Ion Ratio Lower Upper
149 100
177 21.0 16.8 25.2
150 12.8 10.1 15.1



#61
Fluorene
Concen: 10.364 ng/ul
RT: 15.880 min Scan# 2109
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Tgt Ion:166 Resp: 56901
Ion Ratio Lower Upper
166 100
165 100.2 81.0 121.6
167 14.4 11.0 16.4





#62

4-Chlorophenyl-phenylether

Concen: 10.395 ng/ul

RT: 15.862 min Scan# 2106

Delta R.T. 0.004 min

Lab File: BG051182.D

Acq: 23 Nov 2021 11:34

Instrument :

BNA_G

ClientSampleId :

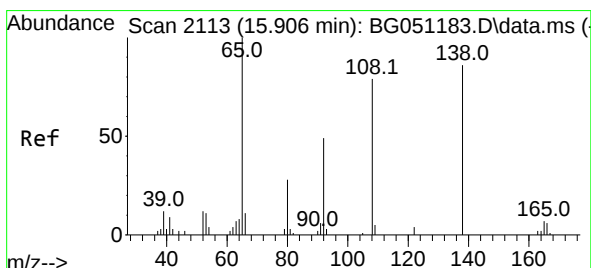
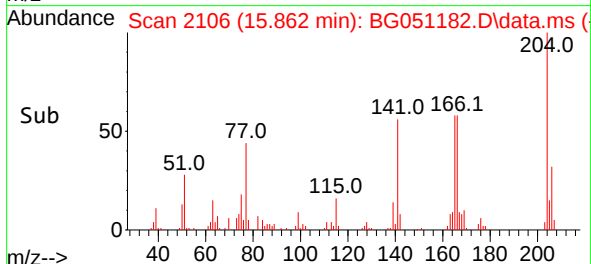
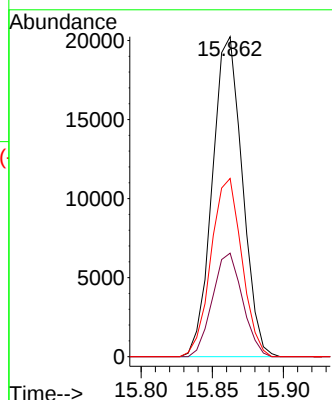
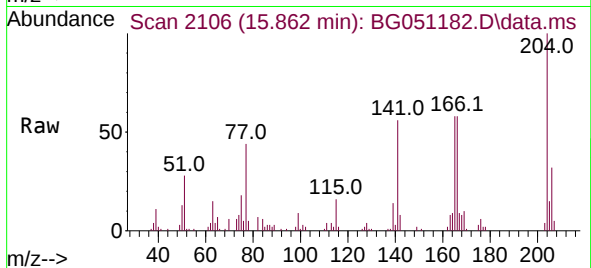
Tgt Ion:204 Resp: 29718

Ion Ratio Lower Upper

204 100

206 32.4 27.4 41.2

141 55.7 48.6 73.0



#63

4-Nitroaniline

Concen: 10.506 ng/ul

RT: 15.909 min Scan# 2114

Delta R.T. 0.004 min

Lab File: BG051182.D

Acq: 23 Nov 2021 11:34

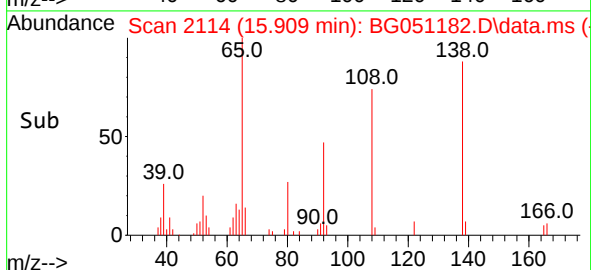
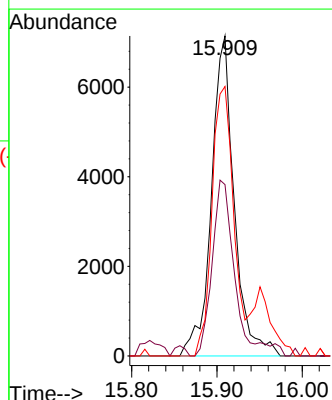
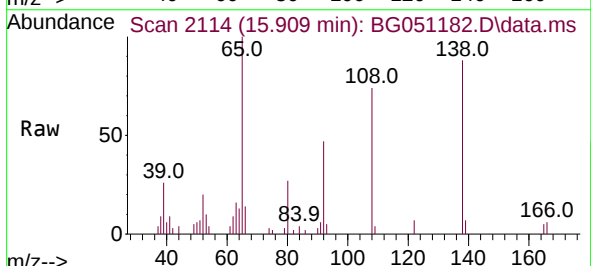
Tgt Ion:138 Resp: 13315

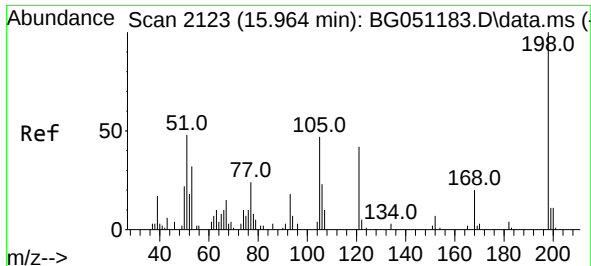
Ion Ratio Lower Upper

138 100

92 53.6 49.3 73.9

108 84.2 72.6 108.8

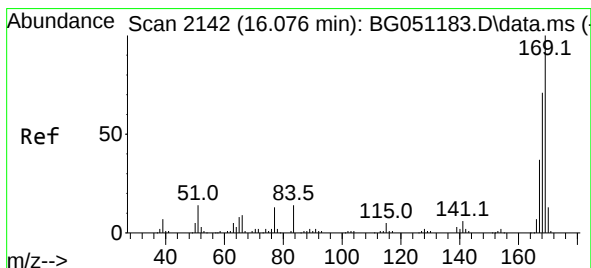
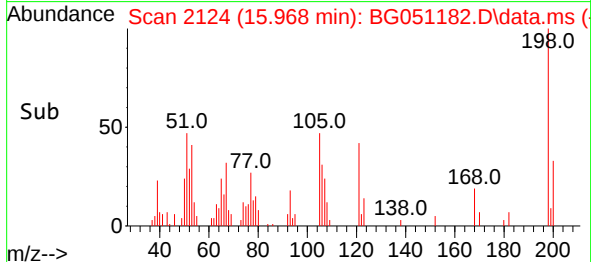
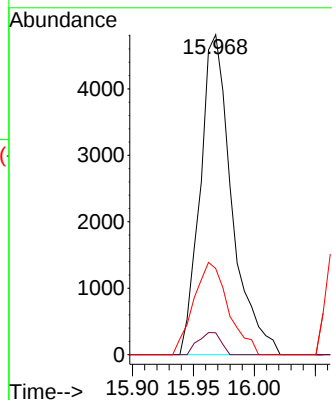
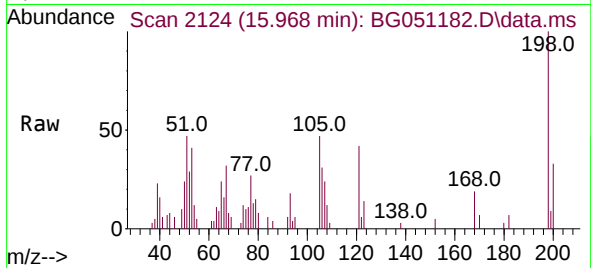




#66
4,6-Dinitro-2-methylphenol
Concen: 8.464 ng/ul
RT: 15.968 min Scan# 2123
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

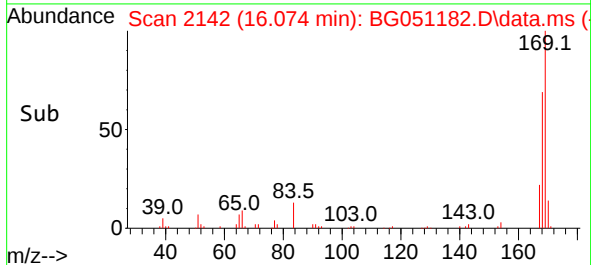
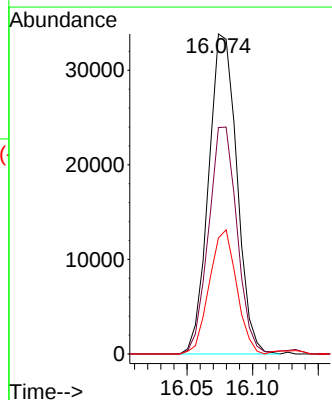
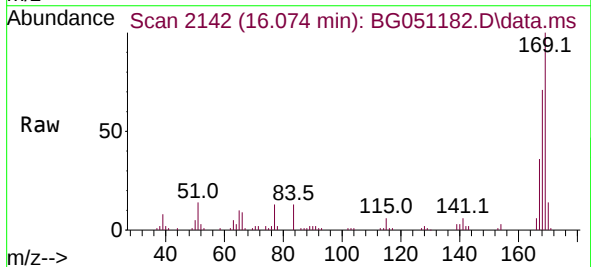
Instrument :
BNA_G
ClientSampleId :

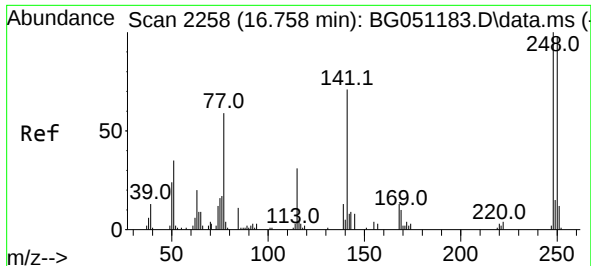
Tgt Ion:198 Resp: 8686
Ion Ratio Lower Upper
198 100
182 6.9 3.8 5.8#
77 26.9 23.2 34.8



#67
N-Nitrosodiphenylamine
Concen: 10.475 ng/ul
RT: 16.074 min Scan# 2142
Delta R.T. -0.002 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Tgt Ion:169 Resp: 50823
Ion Ratio Lower Upper
169 100
168 70.8 58.5 87.7
167 36.3 31.3 46.9

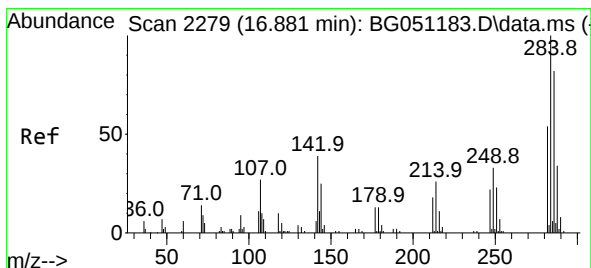
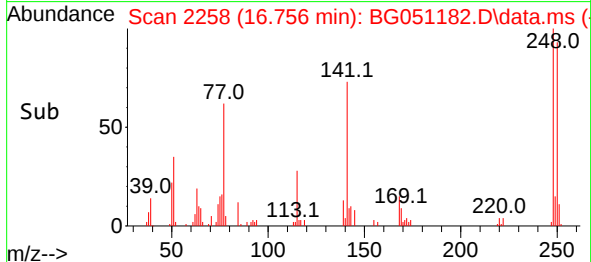
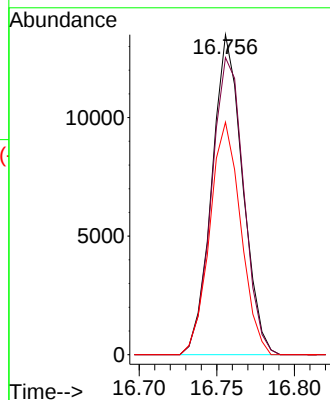
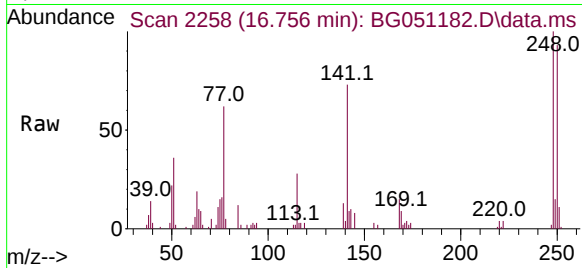




#68
4-Bromophenyl-phenylether
Concen: 10.773 ng/ul
RT: 16.756 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

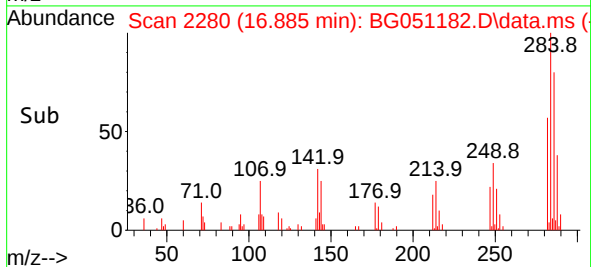
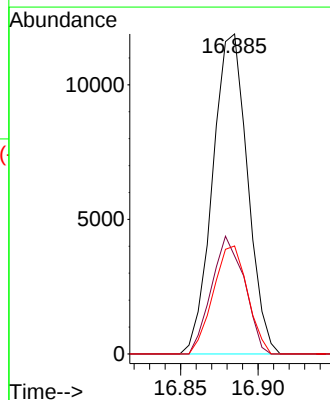
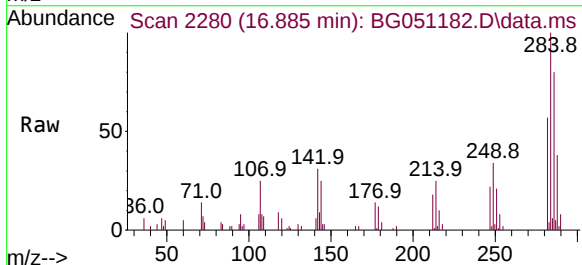
Instrument :
BNA_G
ClientSampleId :

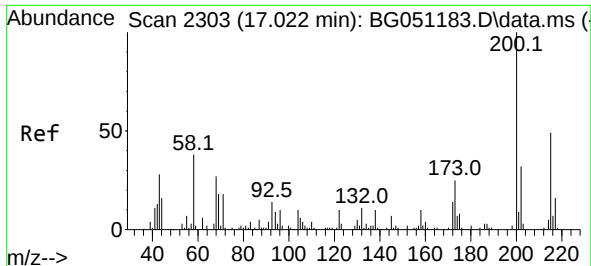
Tgt Ion:248 Resp: 18601
Ion Ratio Lower Upper
248 100
250 92.8 75.5 113.3
141 72.6 67.6 101.4



#69
Hexachlorobenzene
Concen: 10.454 ng/ul
RT: 16.885 min Scan# 2280
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Tgt Ion:284 Resp: 18556
Ion Ratio Lower Upper
284 100
142 30.6 31.9 47.9#
249 33.8 25.8 38.6

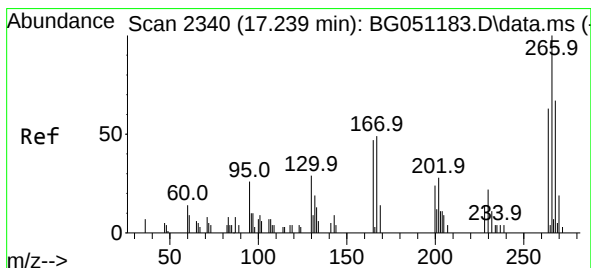
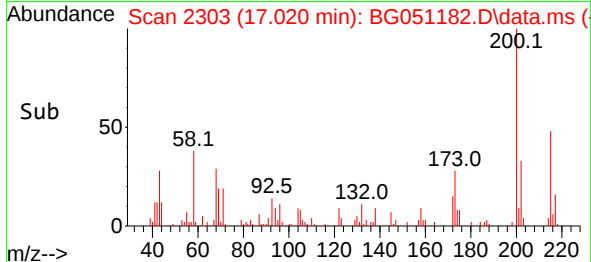
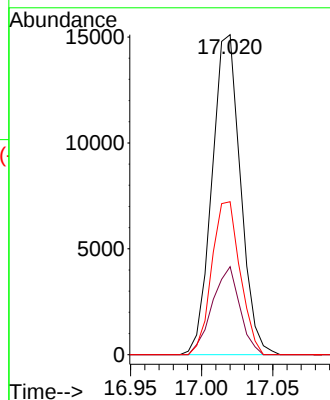
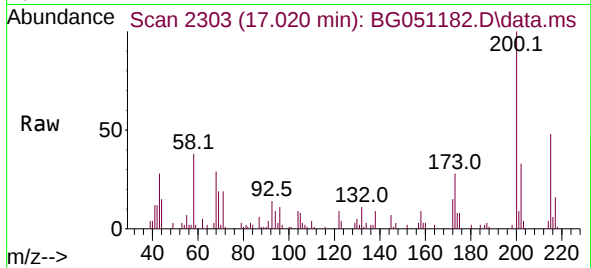




#70
Atrazine
Concen: 10.244 ng/ul
RT: 17.020 min Scan# 21077
Delta R.T. -0.002 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

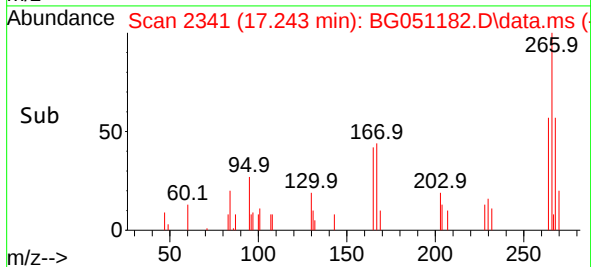
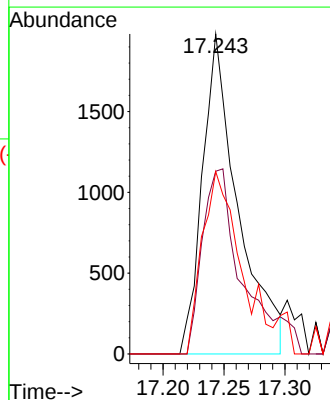
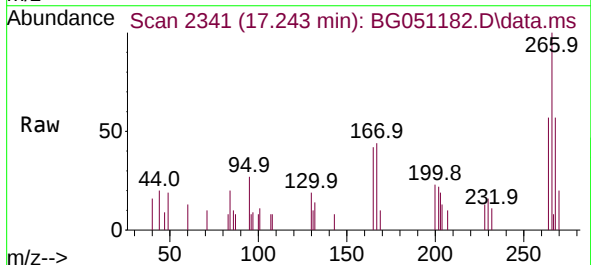
Instrument :
BNA_G
ClientSampleId :

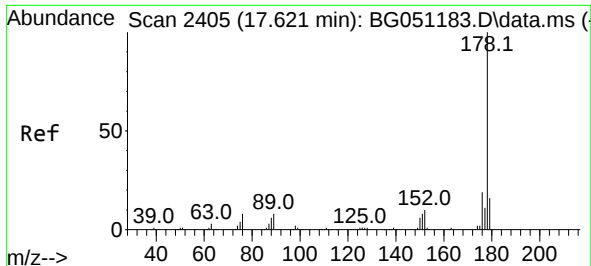
Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.5	20.2	30.2
215	47.8	38.1	57.1



#71
Pentachlorophenol
Concen: 4.939 ng/ul
RT: 17.243 min Scan# 2341
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Tgt Ion	Ratio	Lower	Upper
266	100		
264	57.1	54.3	81.5
268	57.0	51.0	76.6

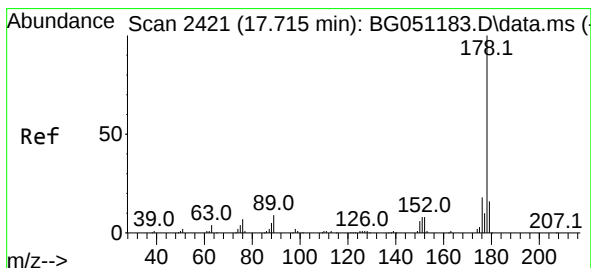
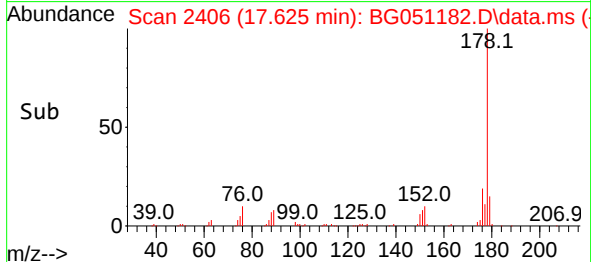
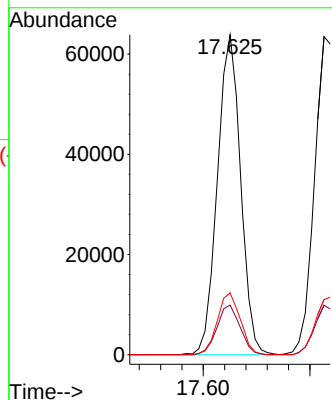
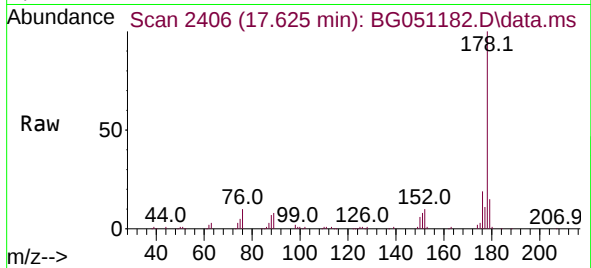




#72
Phenanthrene
Concen: 10.395 ng/u1
RT: 17.625 min Scan# 2406
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

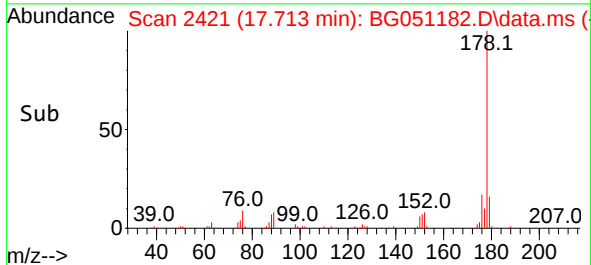
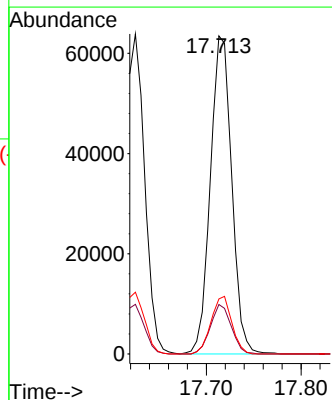
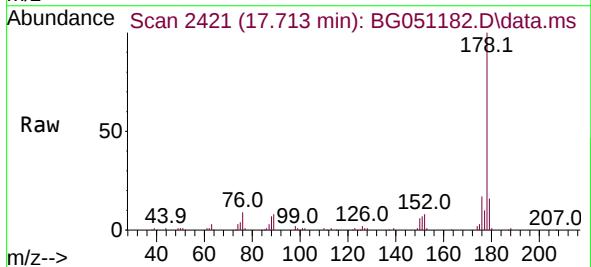
Instrument :
BNA_G
ClientSampleId :

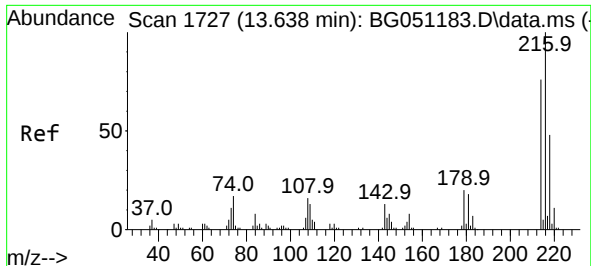
Tgt Ion:178 Resp: 96319
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.3 15.5 23.3



#74
Anthracene
Concen: 10.705 ng/u1
RT: 17.713 min Scan# 2421
Delta R.T. -0.002 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Tgt Ion:178 Resp: 99519
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 17.3 15.6 23.4

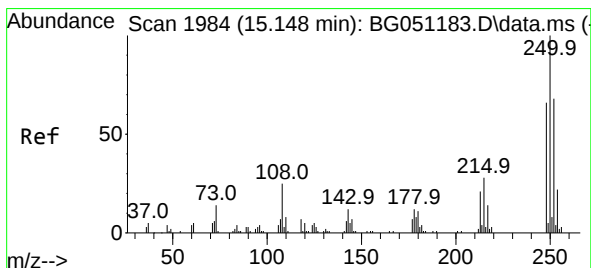
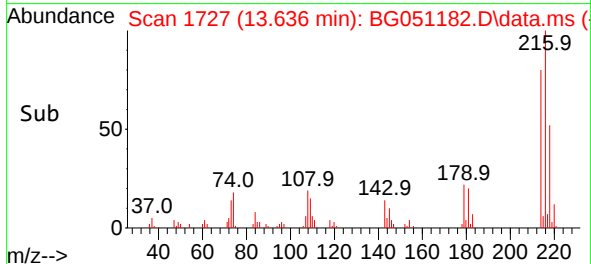
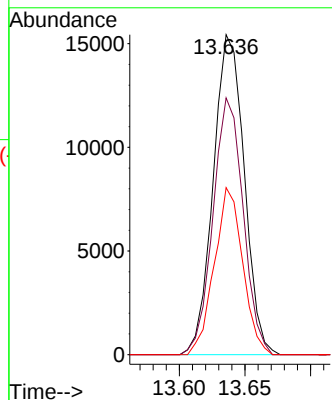
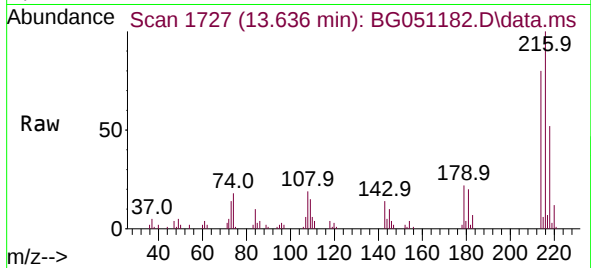




#75
1,2,3,4-Tetrachlorobenzene
Concen: 10.734 ng/uL
RT: 13.636 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

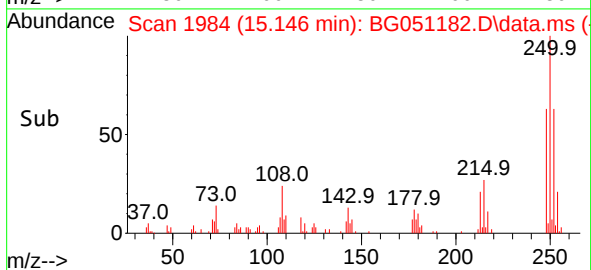
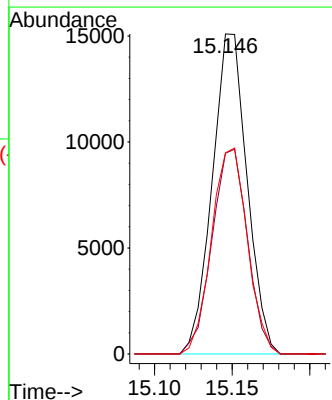
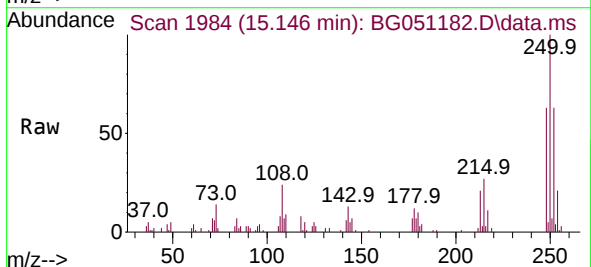
Instrument :
BNA_G
ClientSampleId :

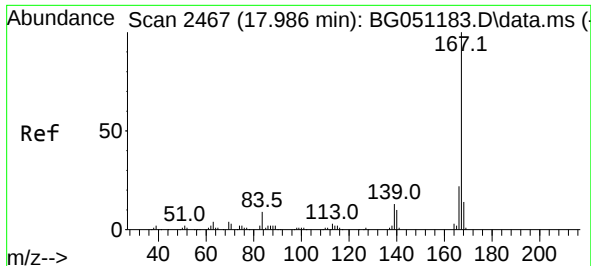
Tgt Ion:216 Resp: 25368
Ion Ratio Lower Upper
216 100
214 80.2 61.3 91.9
218 52.2 37.0 55.6



#76
Pentachlorobenzene
Concen: 10.778 ng/uL
RT: 15.146 min Scan# 1984
Delta R.T. -0.002 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Tgt Ion:250 Resp: 23603
Ion Ratio Lower Upper
250 100
248 62.7 50.5 75.7
252 62.8 51.2 76.8

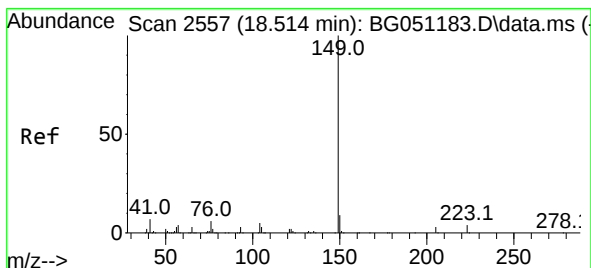
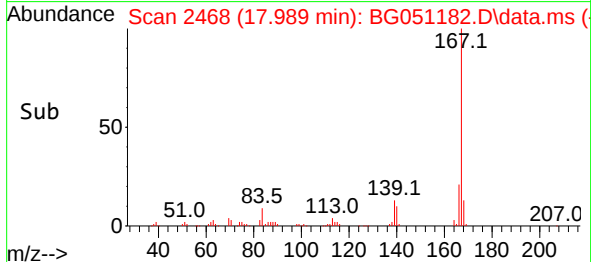
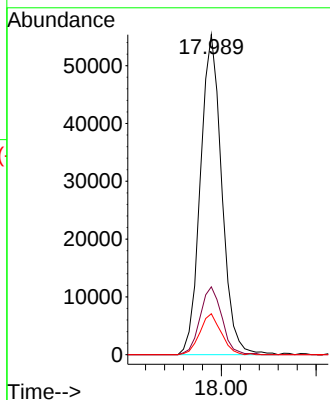
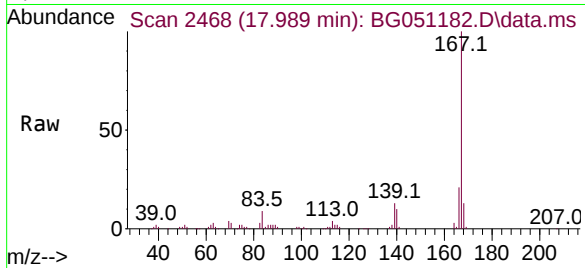




#77
 Carbazole
 Concen: 10.387 ng/ul
 RT: 17.989 min Scan# 2467
 Delta R.T. 0.004 min
 Lab File: BG051182.D
 Acq: 23 Nov 2021 11:34

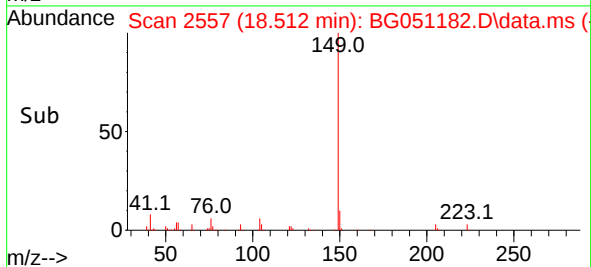
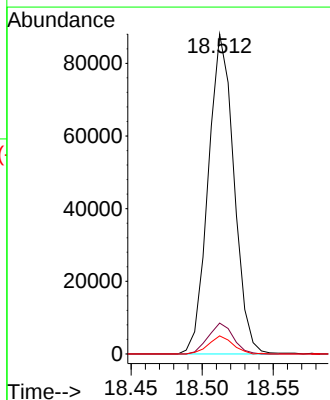
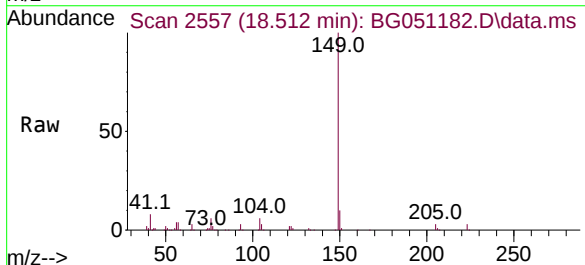
Instrument :
 BNA_G
 ClientSampleId :

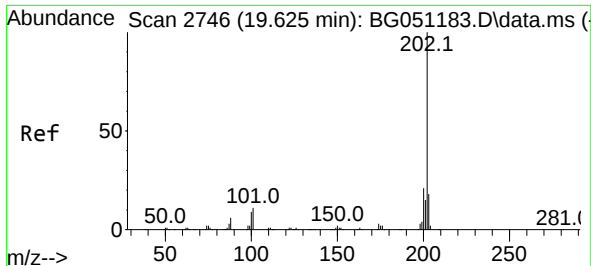
Tgt Ion:167 Resp: 86547
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.3 25.9
 139 12.8 10.6 16.0



#78
 Di-n-butylphthalate
 Concen: 10.121 ng/ul
 RT: 18.512 min Scan# 2557
 Delta R.T. -0.002 min
 Lab File: BG051182.D
 Acq: 23 Nov 2021 11:34

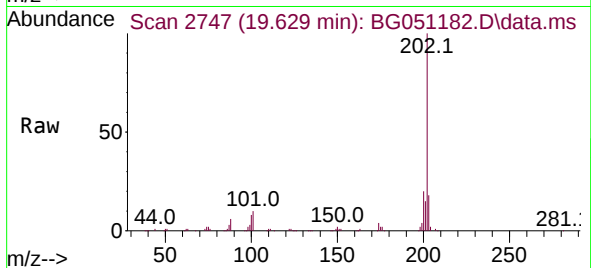
Tgt Ion:149 Resp: 110814
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.5 11.3
 104 5.7 5.0 7.6



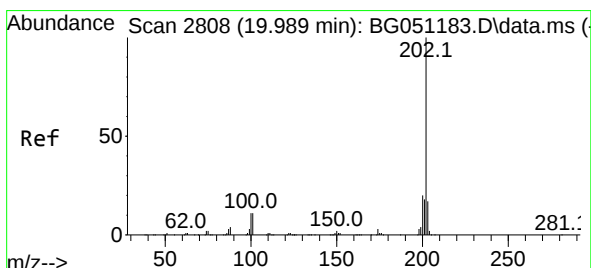
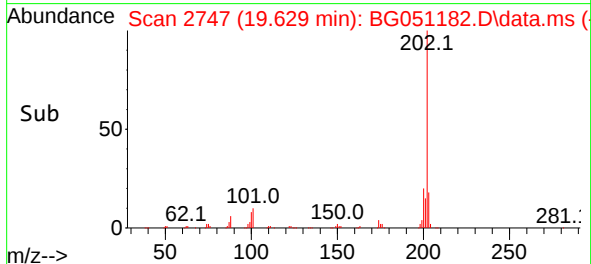
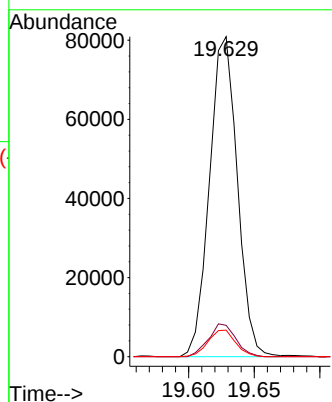


#80
Fluoranthene
Concen: 9.493 ng/u1
RT: 19.629 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Instrument :
BNA_G
ClientSampleId :

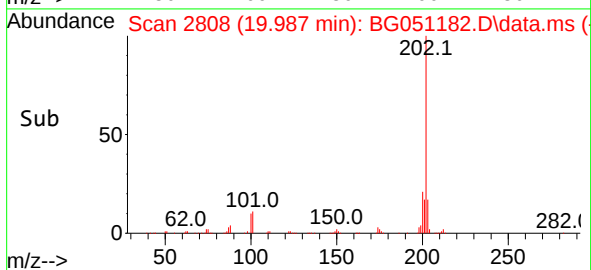
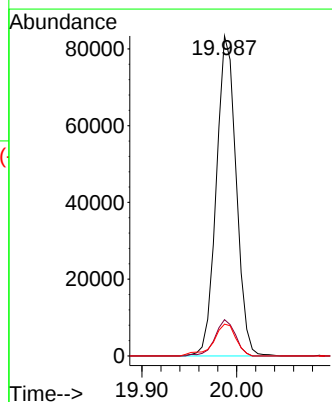
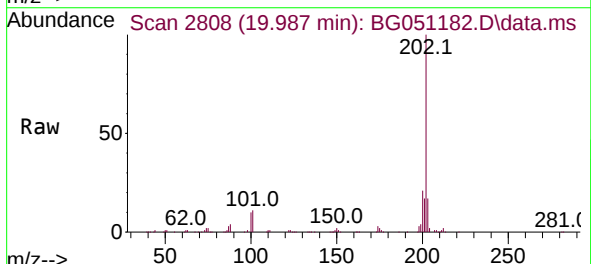


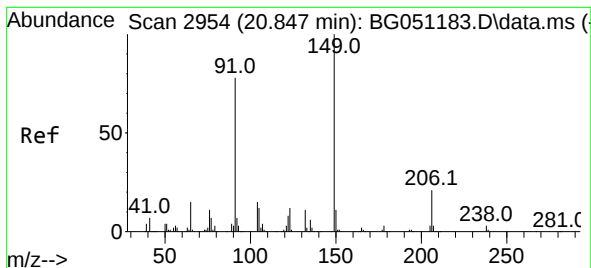
Tgt Ion:202 Resp: 119487
Ion Ratio Lower Upper
202 100
101 9.8 9.3 13.9
100 8.3 7.0 10.6



#82
Pyrene
Concen: 9.869 ng/u1
RT: 19.987 min Scan# 2808
Delta R.T. -0.002 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Tgt Ion:202 Resp: 121379
Ion Ratio Lower Upper
202 100
101 11.4 10.7 16.1
100 10.0 9.0 13.6





#83

Butylbenzylphthalate

Concen: 9.081 ng/ul

RT: 20.851 min Scan# 2955

Delta R.T. 0.004 min

Lab File: BG051182.D

Acq: 23 Nov 2021 11:34

Instrument :

BNA_G

ClientSampleId :

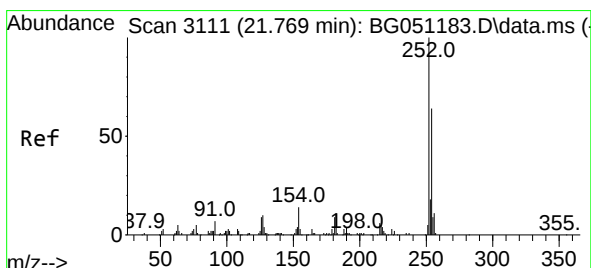
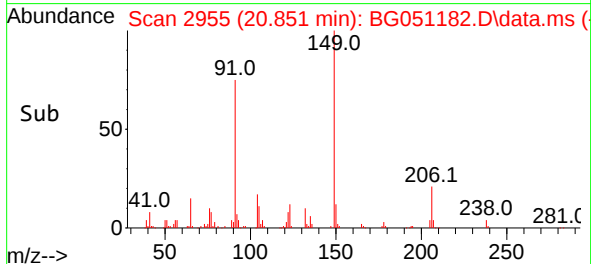
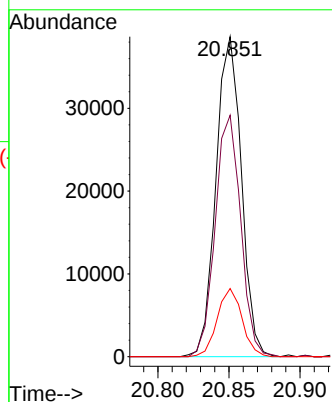
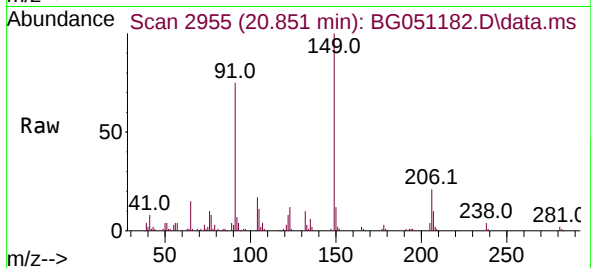
Tgt Ion:149 Resp: 48028

Ion Ratio Lower Upper

149 100

91 75.5 65.2 97.8

206 21.3 16.2 24.2



#84

3,3'-Dichlorobenzidine

Concen: 10.341 ng/ul

RT: 21.767 min Scan# 3111

Delta R.T. -0.002 min

Lab File: BG051182.D

Acq: 23 Nov 2021 11:34

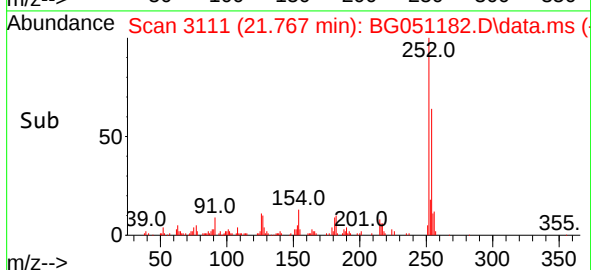
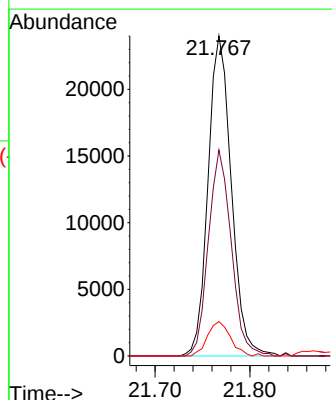
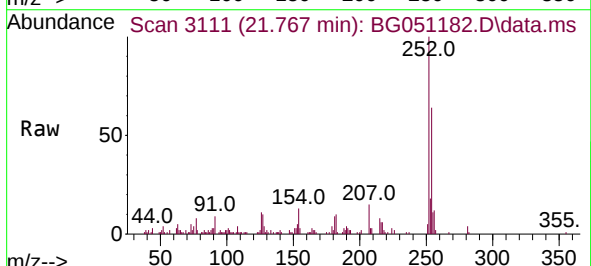
Tgt Ion:252 Resp: 40892

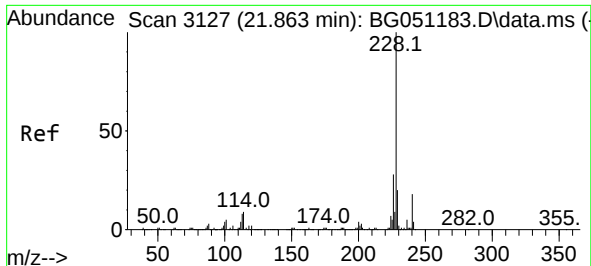
Ion Ratio Lower Upper

252 100

254 64.3 50.8 76.2

126 10.7 9.0 13.4

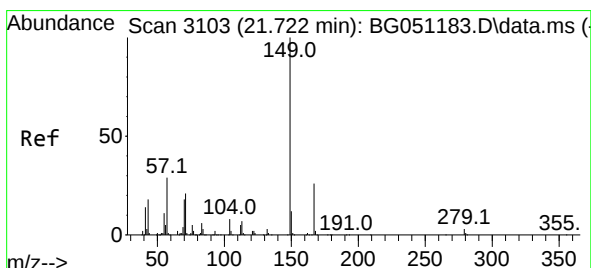
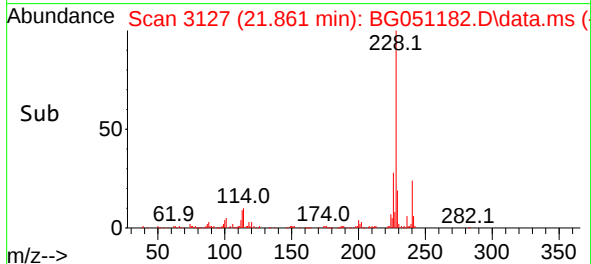
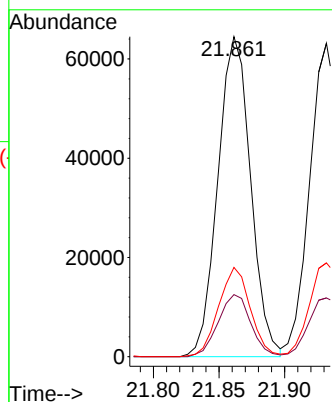
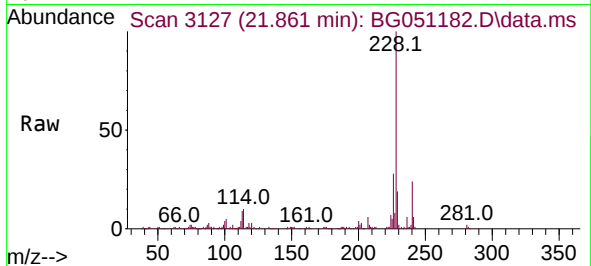




#85
Benzo(a)anthracene
Concen: 9.960 ng/ul
RT: 21.861 min Scan# 311
Delta R.T. -0.002 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

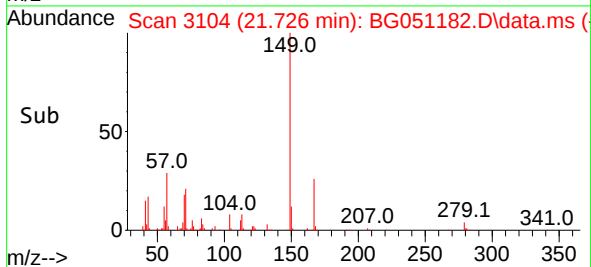
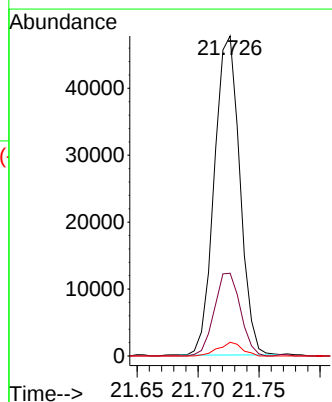
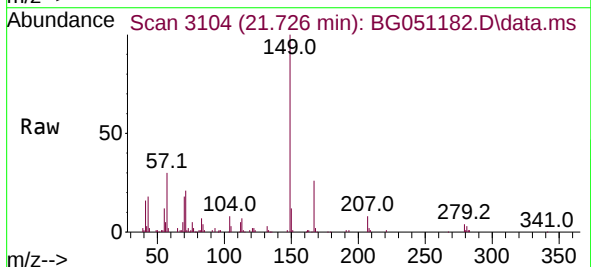
Instrument :
BNA_G
ClientSampleId :

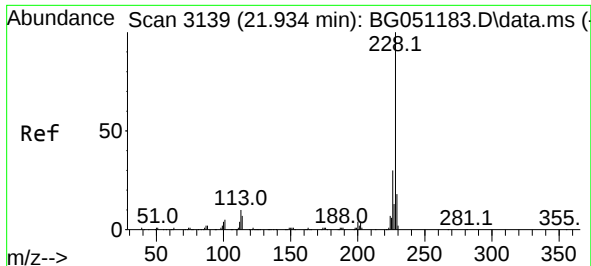
Tgt Ion:228 Resp: 111962
Ion Ratio Lower Upper
228 100
229 19.4 15.7 23.5
226 27.9 22.3 33.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 9.114 ng/ul
RT: 21.726 min Scan# 3104
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

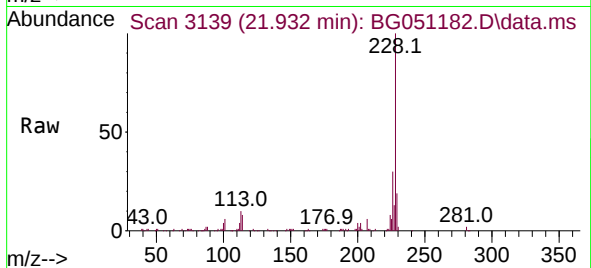
Tgt Ion:149 Resp: 69188
Ion Ratio Lower Upper
149 100
167 25.9 21.1 31.7
279 4.3 2.7 4.1#



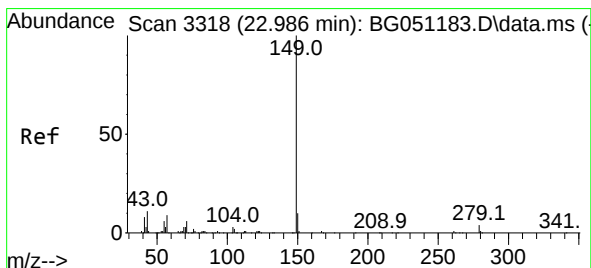
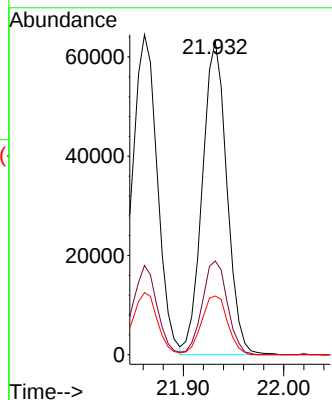
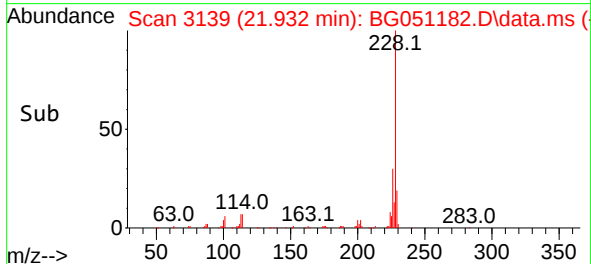


#87
Chrysene
Concen: 9.992 ng/ul
RT: 21.932 min Scan# 3139
Delta R.T. -0.002 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Instrument :
BNA_G
ClientSampleId :

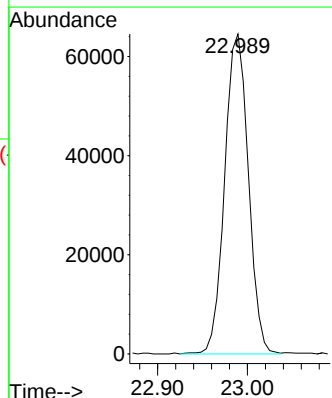
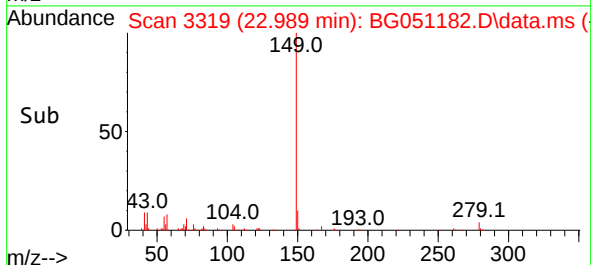
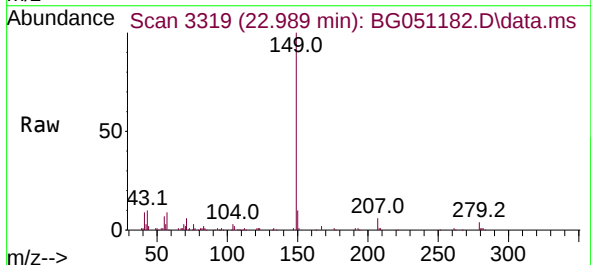


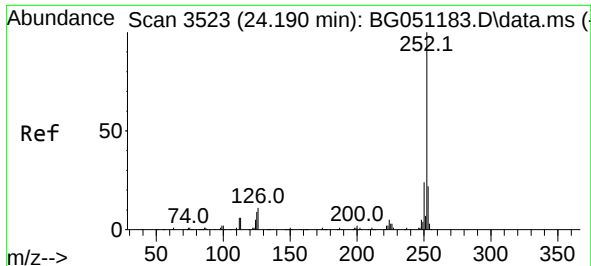
Tgt Ion:228 Resp: 107297
Ion Ratio Lower Upper
228 100
226 29.9 24.8 37.2
229 18.7 15.8 23.6



#89
Di-n-octyl phthalate
Concen: 8.950 ng/ul
RT: 22.989 min Scan# 3319
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Tgt Ion:149 Resp: 118162

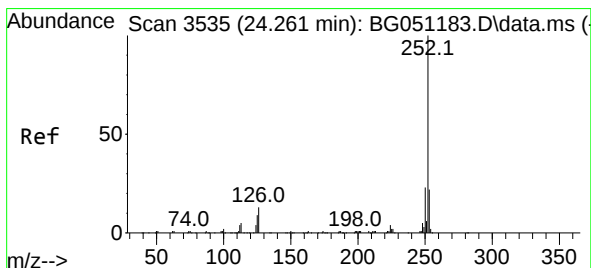
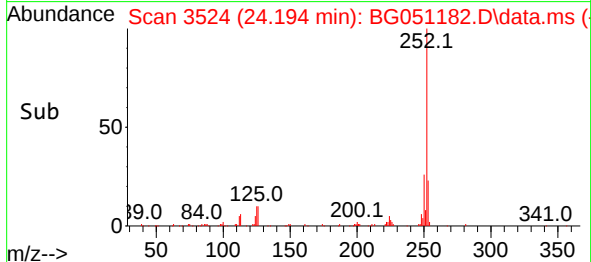
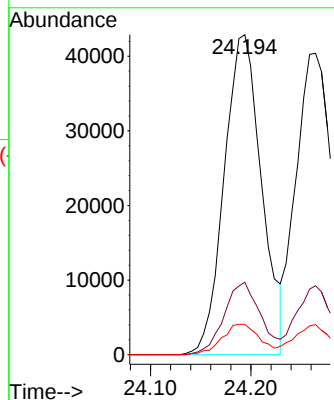
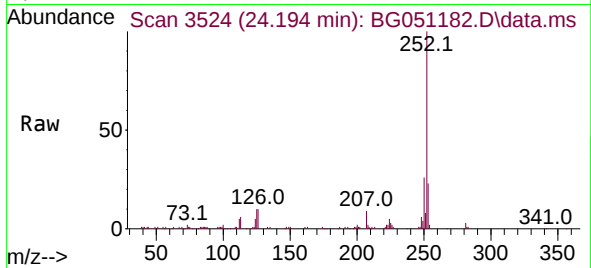




#90
Benzo(b)fluoranthene
Concen: 9.609 ng/ul
RT: 24.194 min Scan# 3523
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

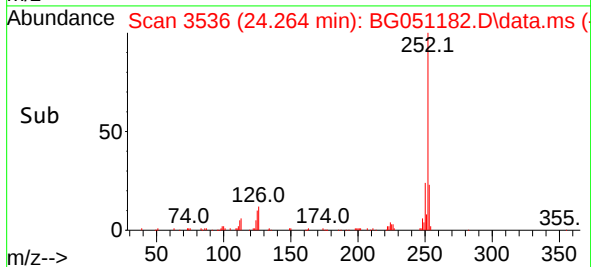
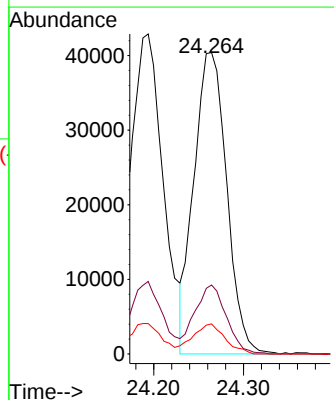
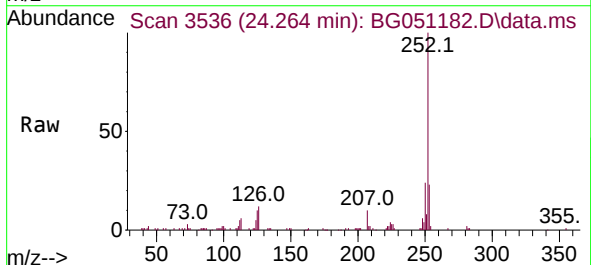
Instrument :
BNA_G
ClientSampleId :

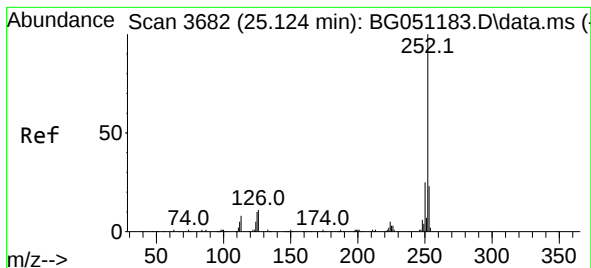
Tgt Ion:252 Resp: 111021
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 9.5 8.5 12.7



#91
Benzo(k)fluoranthene
Concen: 9.443 ng/ul
RT: 24.264 min Scan# 3536
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Tgt Ion:252 Resp: 102373
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 10.0 7.8 11.6





#93

Benzo(a)pyrene

Concen: 9.540 ng/ul

RT: 25.116 min Scan# 3

Delta R.T. -0.008 min

Lab File: BG051182.D

Acq: 23 Nov 2021 11:34

Instrument :

BNA_G

ClientSampleId :

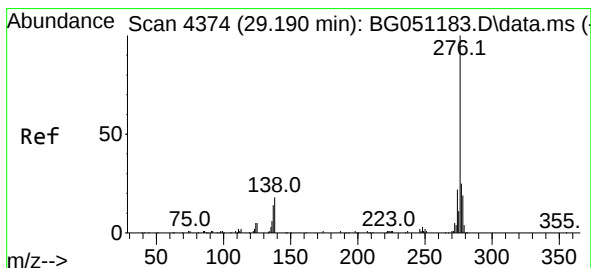
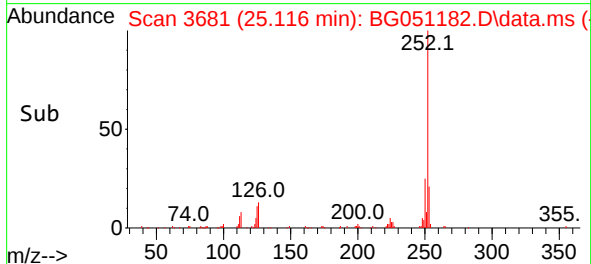
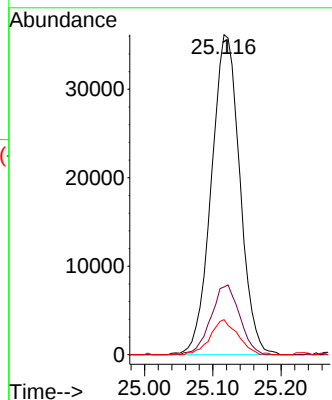
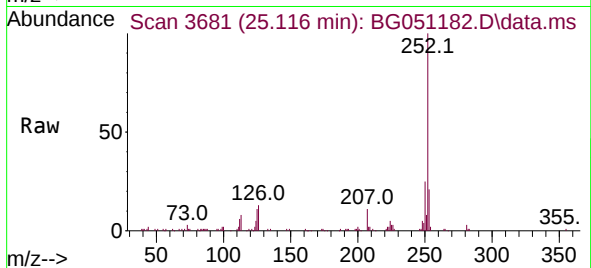
Tgt Ion:252 Resp: 104977

Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

125 10.9 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.452 ng/ul

RT: 29.194 min Scan# 4375

Delta R.T. 0.004 min

Lab File: BG051182.D

Acq: 23 Nov 2021 11:34

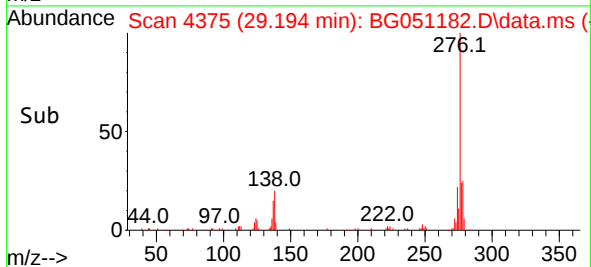
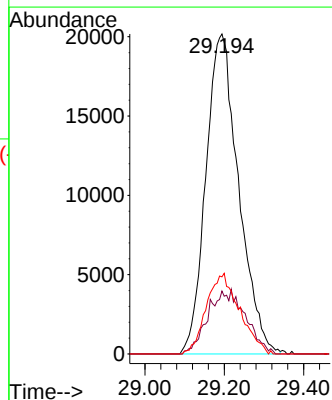
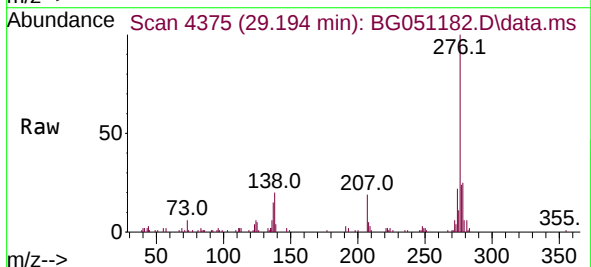
Tgt Ion:276 Resp: 115783

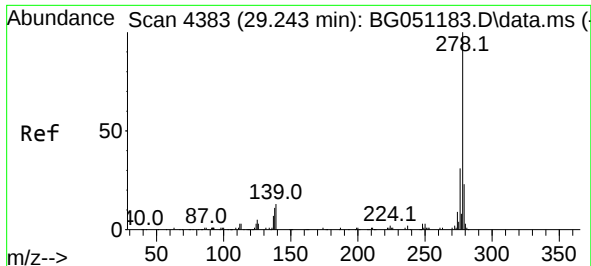
Ion Ratio Lower Upper

276 100

138 19.6 15.5 23.3

277 24.1 20.5 30.7

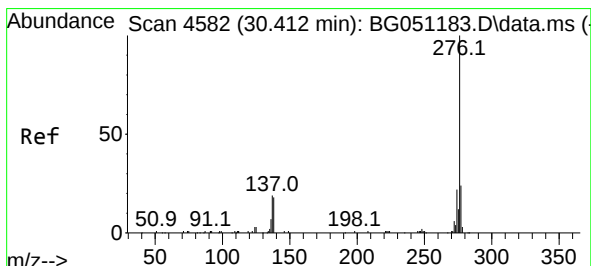
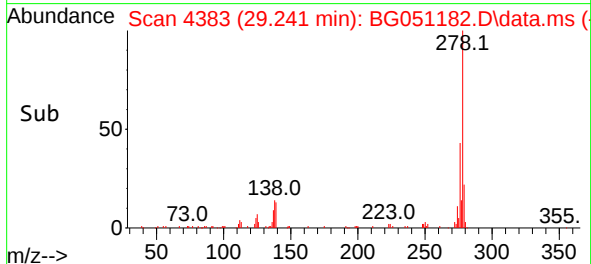
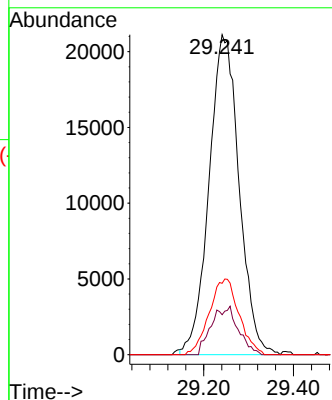
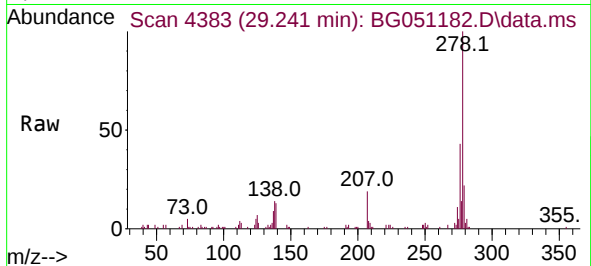




#95
Dibenzo(a,h)anthracene
Concen: 9.469 ng/ul
RT: 29.241 min Scan# 4383
Delta R.T. -0.002 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 98141
Ion Ratio Lower Upper
278 100
139 12.5 12.2 18.4
279 22.3 19.5 29.3



#96
Benzo(g,h,i)perylene
Concen: 9.395 ng/ul
RT: 30.416 min Scan# 4583
Delta R.T. 0.004 min
Lab File: BG051182.D
Acq: 23 Nov 2021 11:34

Tgt Ion:276 Resp: 96330
Ion Ratio Lower Upper
276 100
138 20.3 16.6 24.8
277 24.9 17.6 26.4

