

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
 Data File : BG063372.D
 Acq On : 14 Nov 2024 2:17
 Operator : RC/JU
 Sample : PB164922BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 14 03:34:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	112738	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.621	136	482111	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.469	164	409865	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.225	188	1031227	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.478	240	1078839	20.000	ng/ul	# 0.00
88) Perylene-d12	24.510	264	1130786	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.294	96	14170	5.683	ng/uL	-0.01
4) Pyridine-d5	3.705	84	220361	26.741	ng/ul	0.00
7) Phenol-d5	7.007	99	301606	29.648	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	175683	29.442	ng/ul	0.00
11) 2-Chlorophenol-d4	7.371	132	208568	31.587	ng/ul	0.00
15) 4-Methylphenol-d8	8.541	113	250444	29.045	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	110232	32.523	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	132273	30.195	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.250	165	265877	30.928	ng/ul	0.00
31) 4-Chloroaniline-d4	10.756	131	280602	25.060	ng/ul	0.00
46) Dimethylphthalate-d6	13.876	166	876783	27.310	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	971752	30.924	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	139491	31.734	ng/ul	0.00
60) Fluorene-d10	15.468	176	808502	29.839	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	199763	30.823	ng/ul	0.00
73) Anthracene-d10	17.324	188	1387194	31.299	ng/ul	0.00
81) Pyrene-d10	19.622	212	1803114	33.335	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.304	264	1768172	32.387	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	31283	10.192	ng/uL	92
5) Pyridine	3.723	79	218989	26.045	ng/ul	96
6) Benzaldehyde	6.972	77	116159	20.660	ng/ul	95
8) Phenol	7.036	94	308096	27.791	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.254	93	208283	27.625	ng/ul	87
12) 2-Chlorophenol	7.401	128	212977	30.154	ng/ul	97
13) 2-Methylphenol	8.276	108	234237	28.926	ng/ul	87
14) 2,2'-oxybis(1-Chloropr...	8.353	45	307649	32.283	ng/ul	97
16) Acetophenone	8.646	105	377728	27.208	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.635	70	217393	26.845	ng/ul	97
18) 4-Methylphenol	8.605	108	261620	28.412	ng/ul	96
19) Hexachloroethane	8.905	117	86264	30.140	ng/ul	90
22) Nitrobenzene	9.028	77	316832	30.316	ng/ul	98
23) Isophorone	9.551	82	596376	27.038	ng/ul	98
25) 2-Nitrophenol	9.739	139	139079	32.117	ng/ul	93
26) 2,4-Dimethylphenol	9.804	107	231353	24.493	ng/ul#	93
27) Bis(2-Chloroethoxy)met...	10.033	93	314474	29.575	ng/ul#	95
29) 2,4-Dichlorophenol	10.274	162	248655	30.681	ng/ul#	94
30) Naphthalene	10.673	128	746401	30.257	ng/ul	98
32) 4-Chloroaniline	10.779	127	212179	19.799	ng/ul	100
33) Hexachlorobutadiene	10.961	225	206750	26.655	ng/ul	98
35) 4-Chloro-3-methylphenol	11.919	107	273962	28.172	ng/ul	93
36) 2-Methylnaphthalene	12.283	142	548784	28.068	ng/ul	97
37) 1-Methylnaphthalene	12.507	142	552543	27.177	ng/ul	91

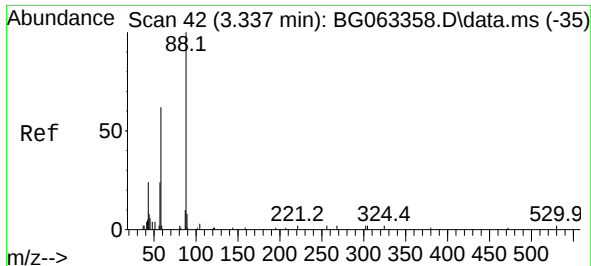
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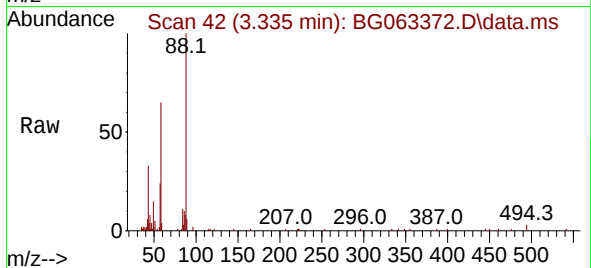
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.659	216	420225	29.084	ng/ul	97
40) Hexachlorocyclopentadiene	12.636	237	160485	20.342	ng/ul	98
41) 2,4,6-Trichlorophenol	12.900	196	225399	28.901	ng/ul	99
42) 2,4,5-Trichlorophenol	12.900	196	203136	24.019	ng/ul	94
43) 1,1'-Biphenyl	13.300	154	805882	31.019	ng/ul	98
44) 2-Chloronaphthalene	13.341	162	625721	30.937	ng/ul	98
45) 2-Nitroaniline	13.547	65	217313	31.497	ng/ul	94
47) Dimethylphthalate	13.928	163	819202	26.612	ng/ul	98
48) 2,6-Dinitrotoluene	14.046	165	176620	29.983	ng/ul	98
50) Acenaphthylene	14.193	152	967642	30.913	ng/ul	97
51) 3-Nitroaniline	14.375	138	159149	30.952	ng/ul	100
52) Acenaphthene	14.534	153	681041	30.398	ng/ul	97
53) 2,4-Dinitrophenol	14.592	184	111004	28.582	ng/ul	92
55) 4-Nitrophenol	14.698	109	158889	27.812	ng/ul	95
56) Dibenzofuran	14.868	168	1016972	29.653	ng/ul	98
57) 2,4-Dinitrotoluene	14.839	165	268219	28.789	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.104	232	229077	26.154	ng/ul#	96
59) Diethylphthalate	15.297	149	850724	26.955	ng/ul	99
61) Fluorene	15.521	166	847429	29.195	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.515	204	511972	27.445	ng/ul	95
63) 4-Nitroaniline	15.544	138	183816	35.321	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.609	198	213712	31.774	ng/ul	96
67) N-Nitrosodiphenylamine	15.732	169	725312	31.528	ng/ul	99
68) 4-Bromophenyl-phenylether	16.414	248	366175	31.061	ng/ul	98
69) Hexachlorobenzene	16.531	284	379737	30.236	ng/ul	95
70) Atrazine	16.678	200	157453	12.511	ng/ul	99
71) Pentachlorophenol	16.878	266	155519	24.700	ng/ul	95
72) Phenanthrene	17.266	178	1496800	31.768	ng/ul	99
74) Anthracene	17.354	178	1501547	31.109	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.264	216	436509	32.734	ng/ul	99
76) Pentachlorobenzene	14.792	250	428196	30.111	ng/ul	92
77) Carbazole	17.630	167	1300354	32.450	ng/ul	99
78) Di-n-butylphthalate	18.188	149	1500263	32.913	ng/ul	99
80) Fluoranthene	19.287	202	1947183	33.304	ng/ul#	98
82) Pyrene	19.651	202	2012341	32.472	ng/ul#	96
83) Butylbenzylphthalate	20.544	149	654844	36.156	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.378	252	700676	30.204	ng/ul#	99
85) Benzo(a)anthracene	21.461	228	2160104	31.654	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.373	149	943743	35.774	ng/ul	97
87) Chrysene	21.520	228	1993998	31.341	ng/ul	99
89) Di-n-octyl phthalate	22.518	149	1632600	36.637	ng/ul	100
90) Benzo(b)fluoranthene	23.552	252	2160288	31.752	ng/ul	97
91) Benzo(k)fluoranthene	23.617	252	2140004	31.579	ng/ul	99
93) Benzo(a)pyrene	24.369	252	1954966	31.064	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	27.936	276	2427565	31.447	ng/ul#	96
95) Dibenzo(a,h)anthracene	27.983	278	2015451	32.024	ng/ul#	98
96) Benzo(g,h,i)perylene	28.999	276	1880534	32.131	ng/ul	97

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

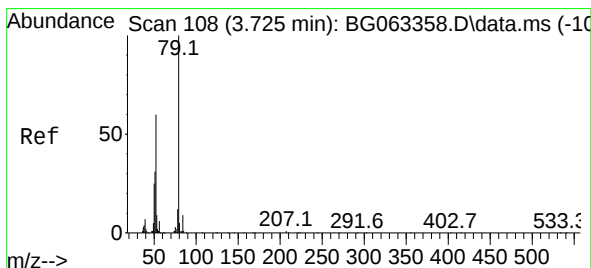
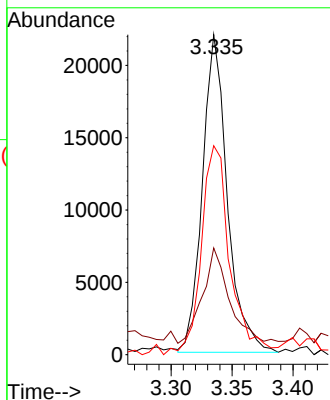
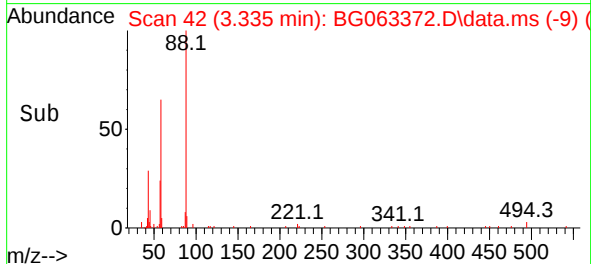


#2
1,4-Dioxane
Concen: 10.192 ng/uL
RT: 3.335 min Scan# 41
Delta R.T. -0.006 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

Instrument :
BNA_G
ClientSampleId :

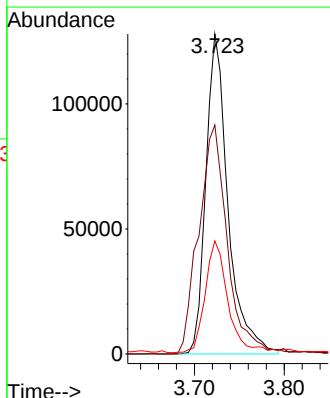
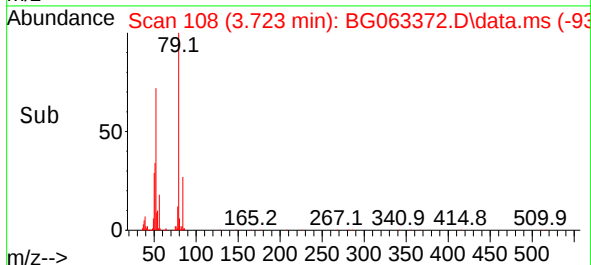
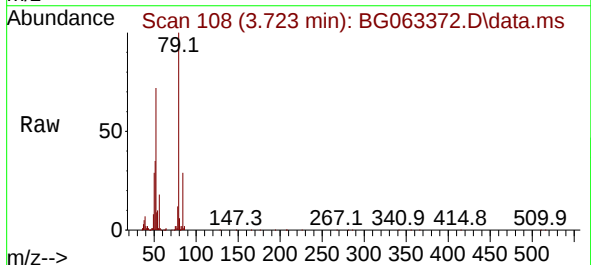


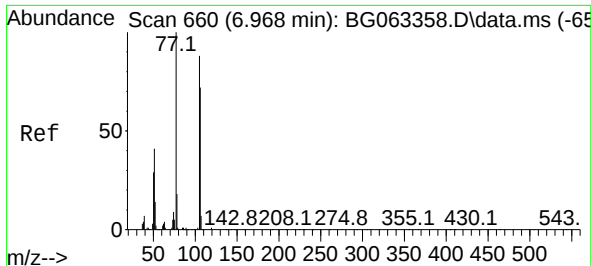
Tgt Ion: 88 Resp: 31283
Ion Ratio Lower Upper
88 100
43 33.3 29.6 44.4
58 65.3 46.5 69.7



#5
Pyridine
Concen: 26.045 ng/uL
RT: 3.723 min Scan# 108
Delta R.T. -0.011 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

Tgt Ion: 79 Resp: 218989
Ion Ratio Lower Upper
79 100
52 71.6 53.4 80.2
51 35.3 27.6 41.4

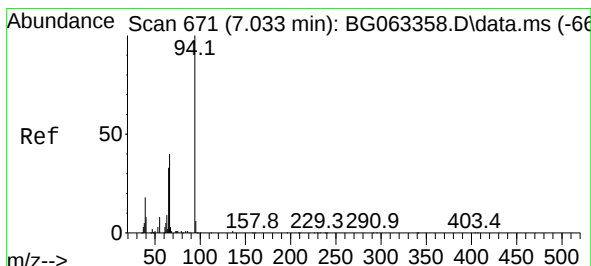
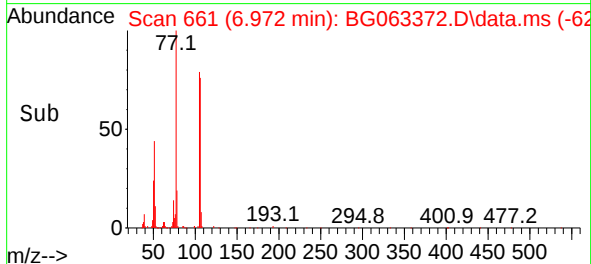
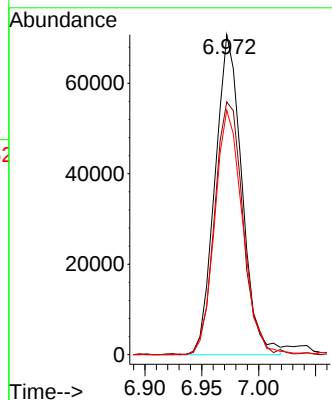
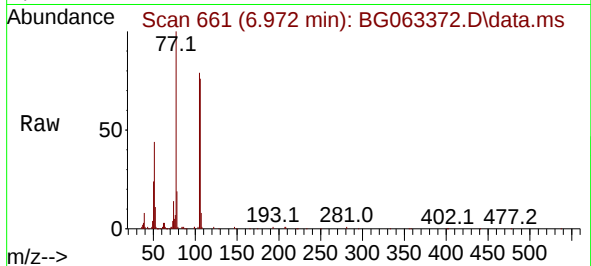




#6
Benzaldehyde
Concen: 20.660 ng/ul
RT: 6.972 min Scan# 661
Delta R.T. -0.011 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

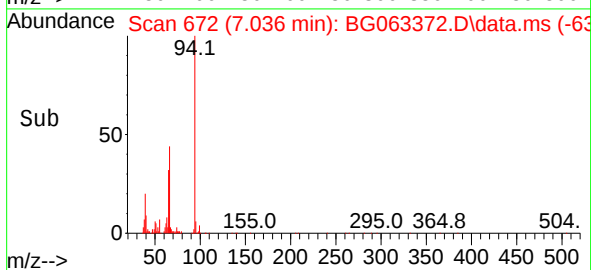
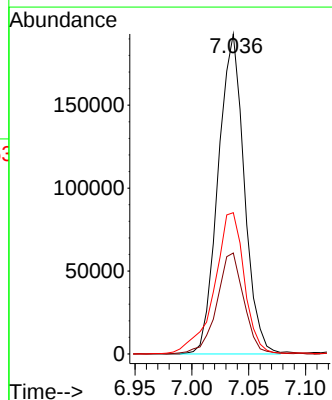
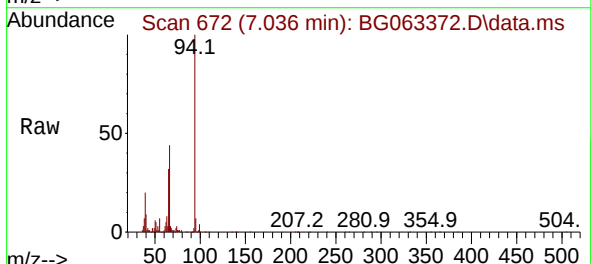
Instrument :
BNA_G
ClientSampleId :

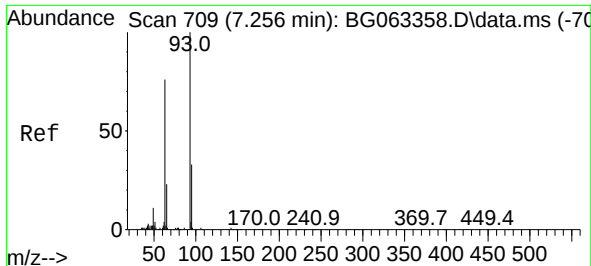
Tgt Ion: 77 Resp: 116159
Ion Ratio Lower Upper
77 100
105 79.0 69.0 103.6
106 76.4 59.6 89.4



#8
Phenol
Concen: 27.791 ng/ul
RT: 7.036 min Scan# 672
Delta R.T. 0.000 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

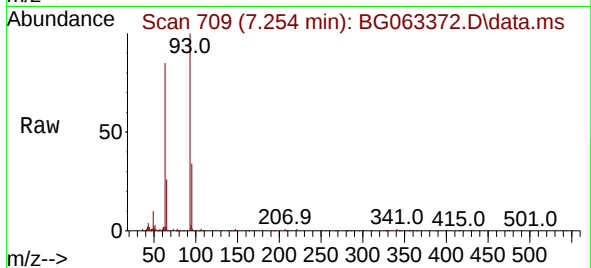
Tgt Ion: 94 Resp: 308096
Ion Ratio Lower Upper
94 100
65 31.5 30.1 45.1
66 44.2 42.0 63.0



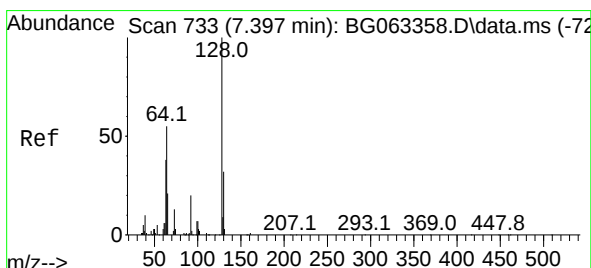
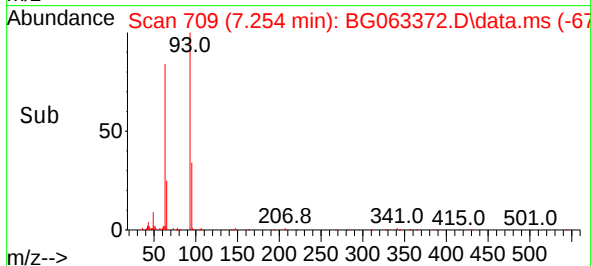
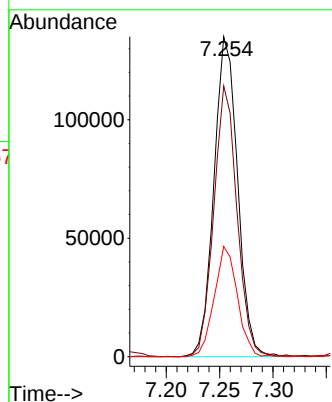


#10
Bis(2-Chloroethyl)ether
Concen: 27.625 ng/ul
RT: 7.254 min Scan# 709
Delta R.T. -0.011 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

Instrument :
BNA_G
ClientSampleId :

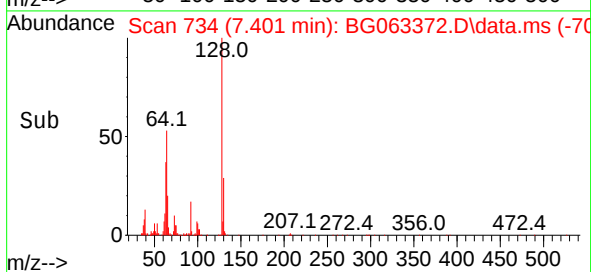
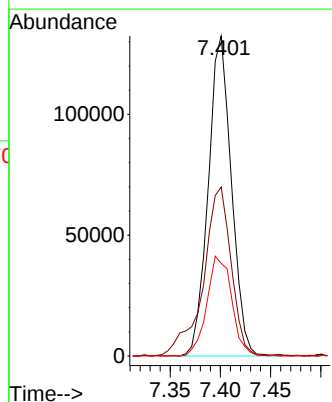
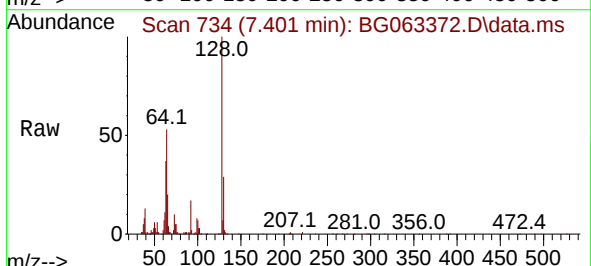


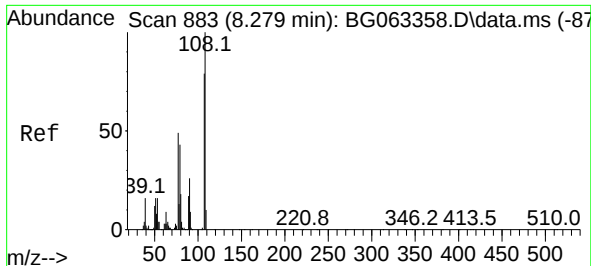
Tgt Ion: 93 Resp: 208283
Ion Ratio Lower Upper
93 100
63 84.6 56.6 84.8
95 34.5 25.0 37.6



#12
2-Chlorophenol
Concen: 30.154 ng/ul
RT: 7.401 min Scan# 734
Delta R.T. -0.005 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

Tgt Ion:128 Resp: 212977
Ion Ratio Lower Upper
128 100
64 52.8 41.1 61.7
130 29.0 25.6 38.4





#13

2-Methylphenol

Concen: 28.926 ng/ul

RT: 8.276 min Scan# 883

Delta R.T. -0.006 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

Instrument :

BNA_G

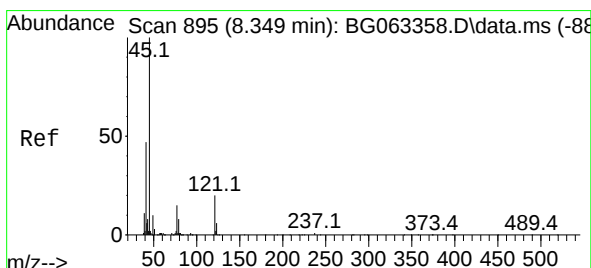
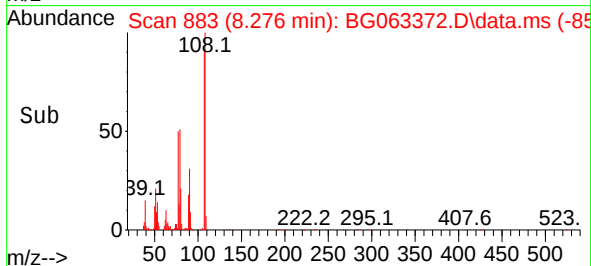
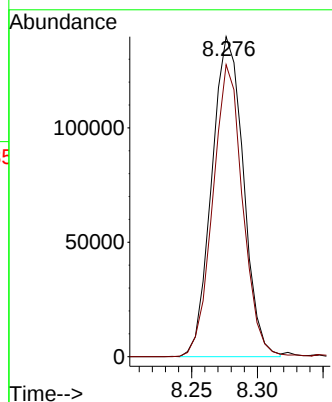
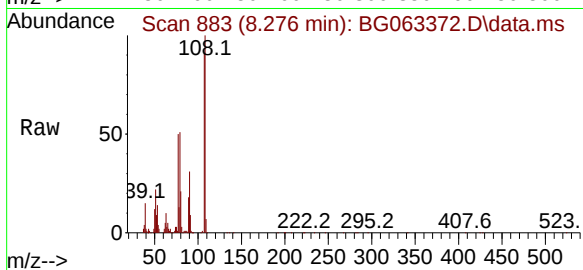
ClientSampleId :

Tgt Ion:108 Resp: 234237

Ion Ratio Lower Upper

108 100

107 91.3 64.1 96.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 32.283 ng/ul

RT: 8.353 min Scan# 896

Delta R.T. -0.006 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

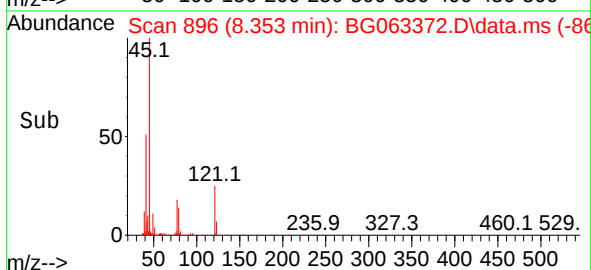
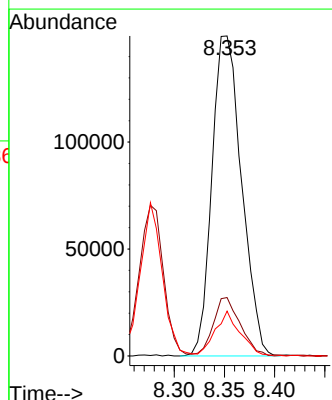
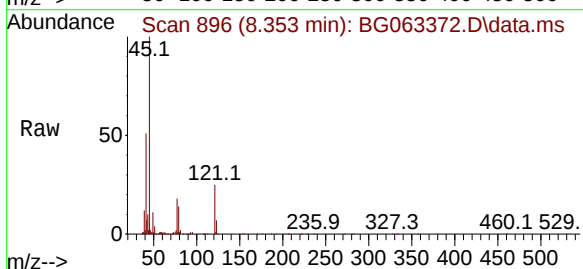
Tgt Ion: 45 Resp: 307649

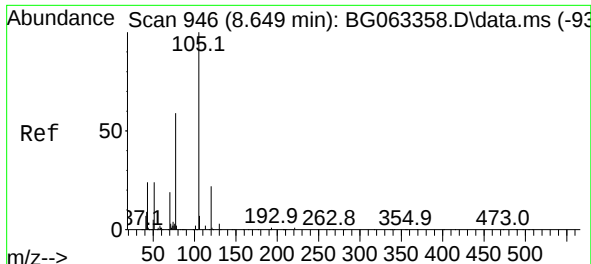
Ion Ratio Lower Upper

45 100

77 18.3 15.6 23.4

79 14.0 9.8 14.8

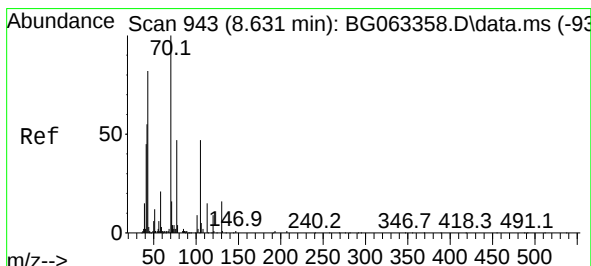
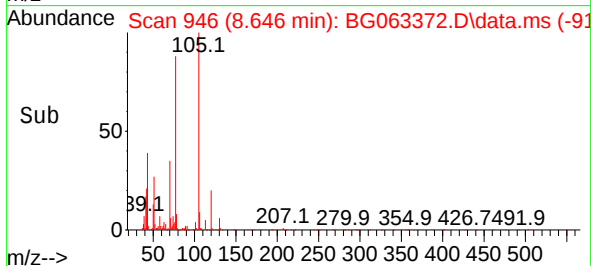
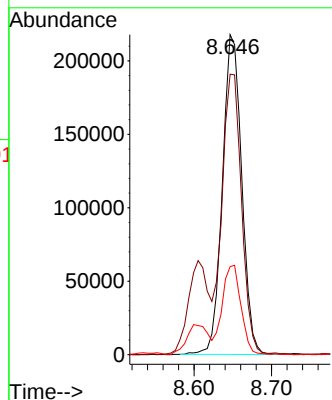
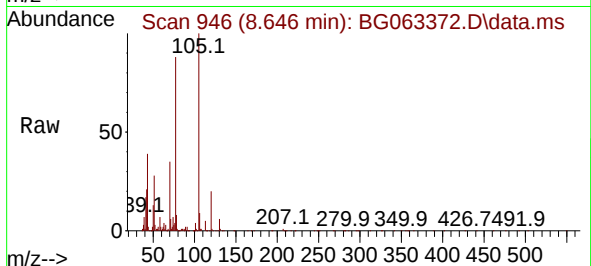




#16
Acetophenone
Concen: 27.208 ng/ul
RT: 8.646 min Scan# 946
Delta R.T. -0.011 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

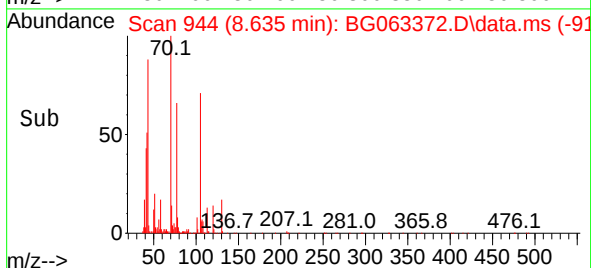
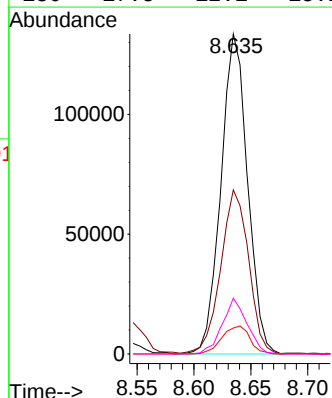
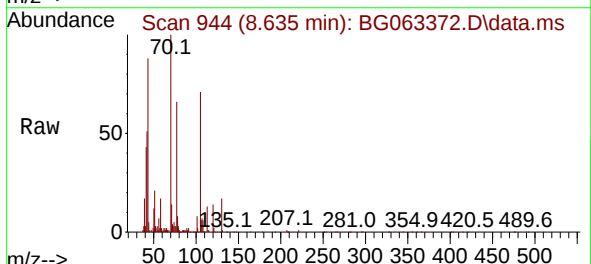
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BNA_G
ClientSampleId :

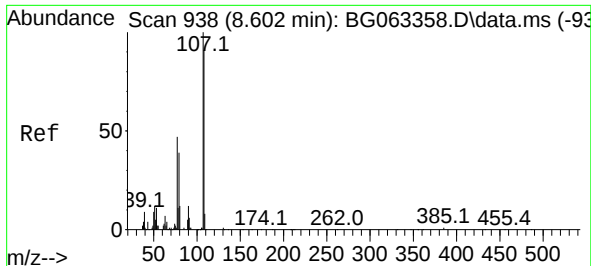
Tgt Ion:105 Resp: 377728
Ion Ratio Lower Upper
105 100
77 87.7 68.0 102.0
51 27.5 24.3 36.5



#17
N-Nitroso-di-n-propylamine
Concen: 26.845 ng/ul
RT: 8.635 min Scan# 944
Delta R.T. -0.005 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

Tgt Ion: 70 Resp: 217393
Ion Ratio Lower Upper
70 100
42 51.3 42.4 63.6
101 8.1 6.6 10.0
130 17.5 12.1 18.1

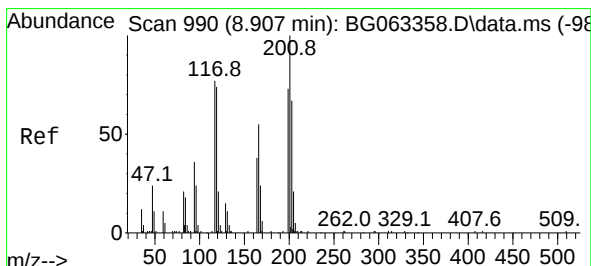
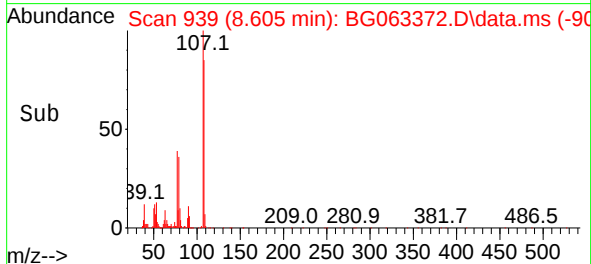
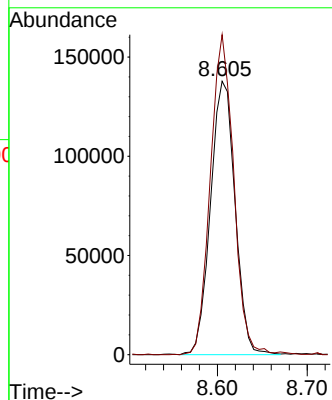
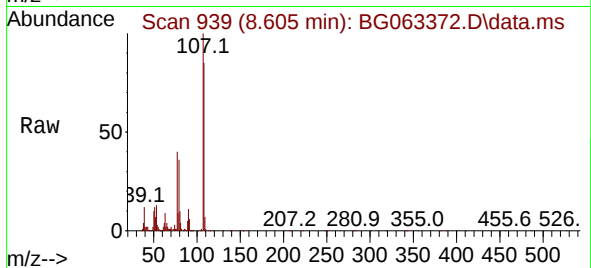




#18
4-Methylphenol
Concen: 28.412 ng/ul
RT: 8.605 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

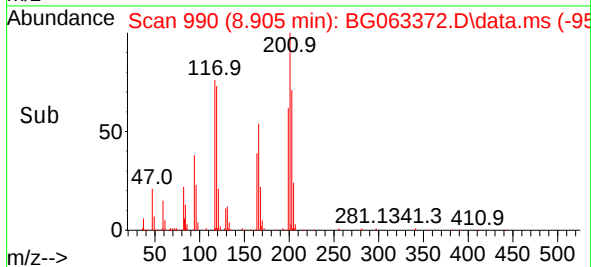
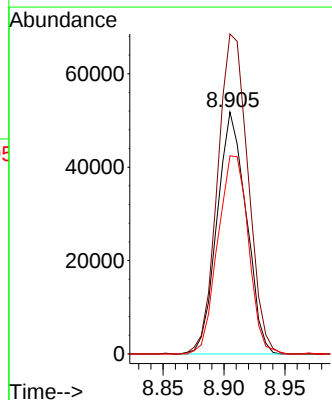
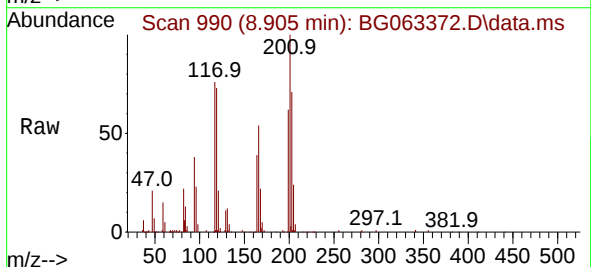
Instrument :
BNA_G
ClientSampleId :

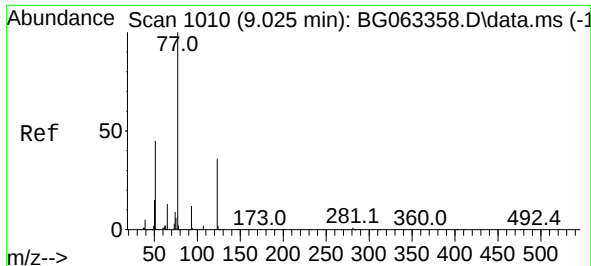
Tgt Ion:108 Resp: 261620
Ion Ratio Lower Upper
108 100
107 117.0 90.0 135.0



#19
Hexachloroethane
Concen: 30.140 ng/ul
RT: 8.905 min Scan# 990
Delta R.T. -0.011 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

Tgt Ion:117 Resp: 86264
Ion Ratio Lower Upper
117 100
201 129.9 115.5 173.3
199 80.4 70.6 105.8





#22

Nitrobenzene

Concen: 30.316 ng/ul

RT: 9.028 min Scan# 1100

Delta R.T. -0.005 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

Instrument :

BNA_G

ClientSampleId :

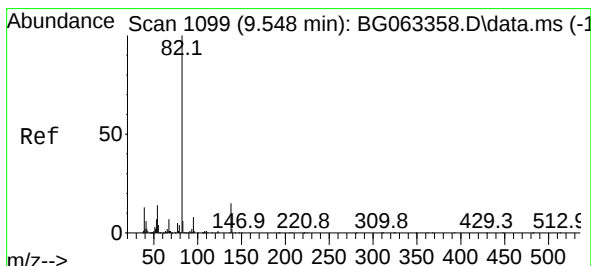
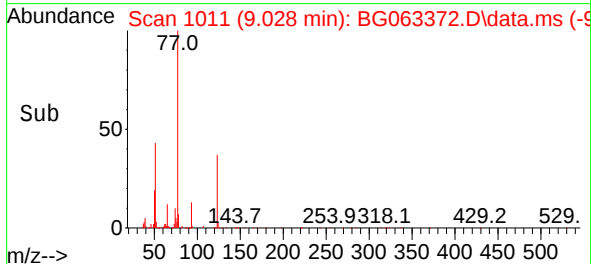
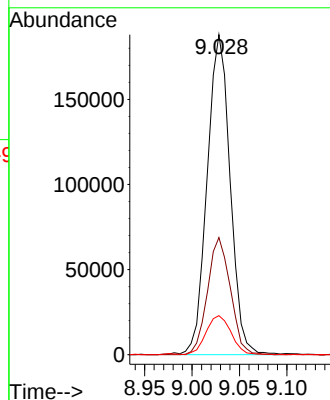
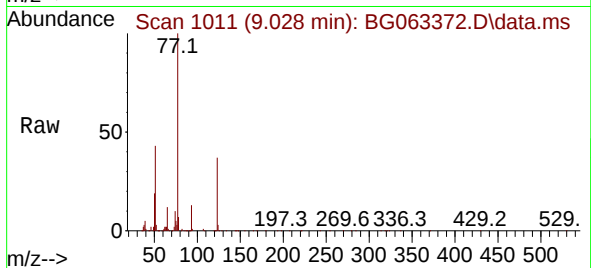
Tgt Ion: 77 Resp: 316832

Ion Ratio Lower Upper

77 100

123 36.6 30.4 45.6

65 12.2 10.7 16.1



#23

Isophorone

Concen: 27.038 ng/ul

RT: 9.551 min Scan# 1100

Delta R.T. -0.006 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

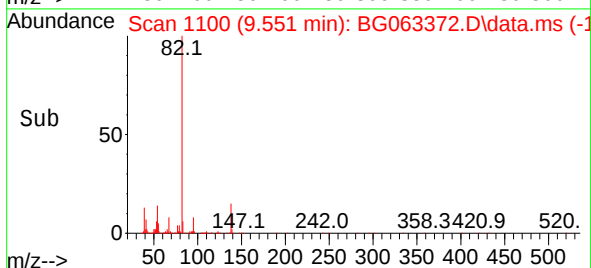
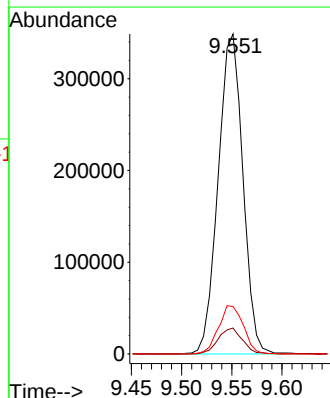
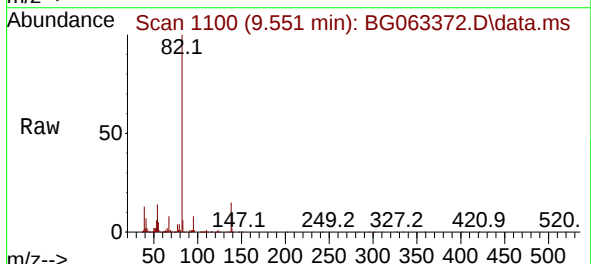
Tgt Ion: 82 Resp: 596376

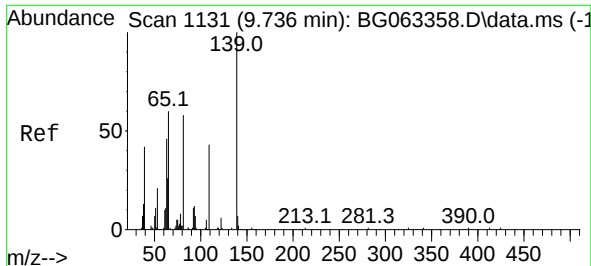
Ion Ratio Lower Upper

82 100

95 8.1 7.0 10.6

138 14.8 11.4 17.2





#25

2-Nitrophenol

Concen: 32.117 ng/ul

RT: 9.739 min Scan# 1131

Delta R.T. -0.011 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

Instrument :

BNA_G

ClientSampleId :

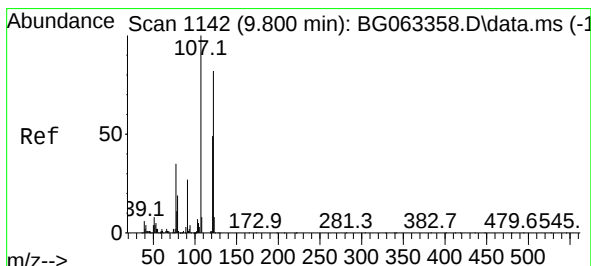
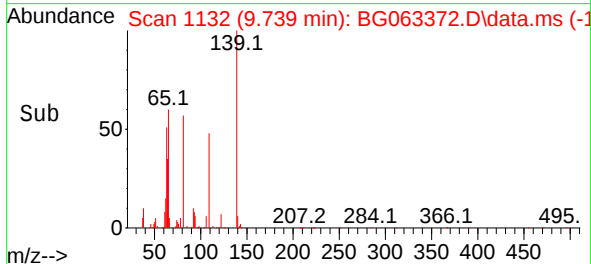
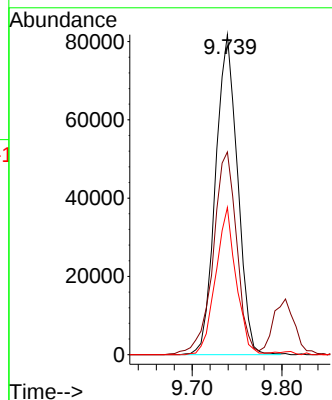
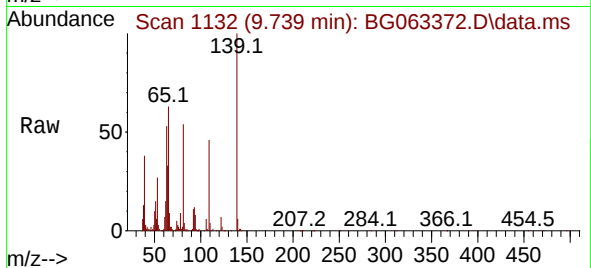
Tgt Ion:139 Resp: 139079

Ion Ratio Lower Upper

139 100

65 63.3 45.1 67.7

109 46.0 35.2 52.8



#26

2,4-Dimethylphenol

Concen: 24.493 ng/ul

RT: 9.804 min Scan# 1143

Delta R.T. -0.005 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

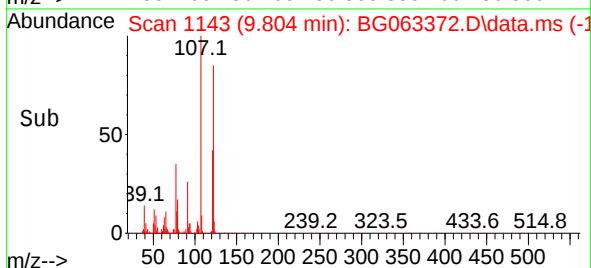
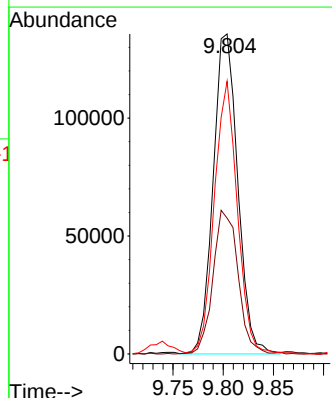
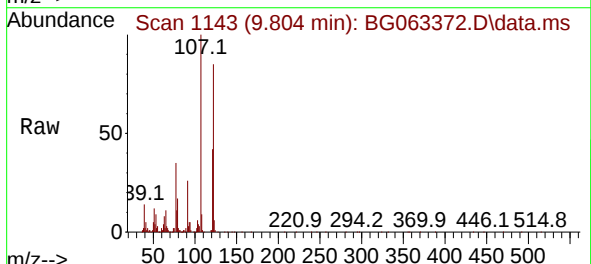
Tgt Ion:107 Resp: 231353

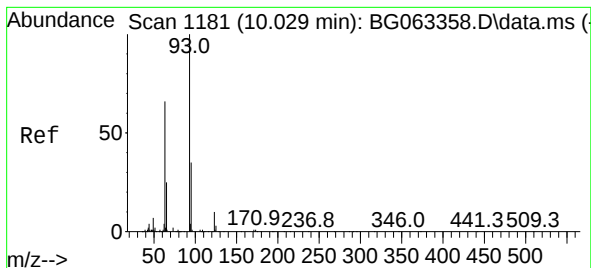
Ion Ratio Lower Upper

107 100

121 42.4 43.2 64.8#

122 85.2 67.2 100.8

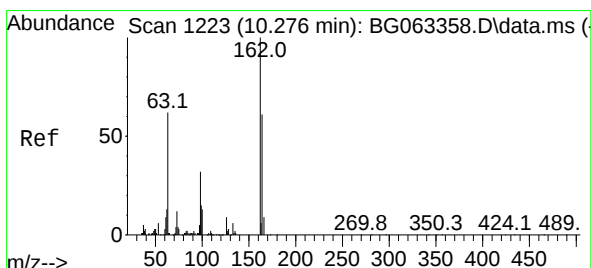
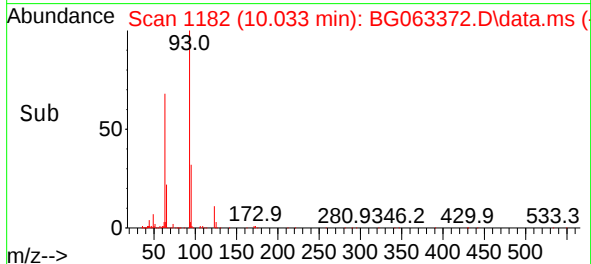
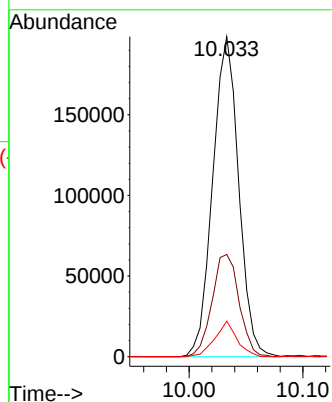
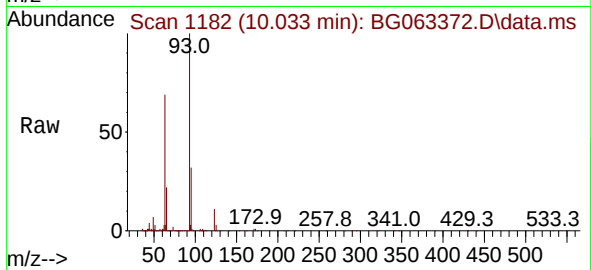




#27
Bis(2-Chloroethoxy)methane
Concen: 29.575 ng/ul
RT: 10.033 min Scan# 1181
Delta R.T. -0.011 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

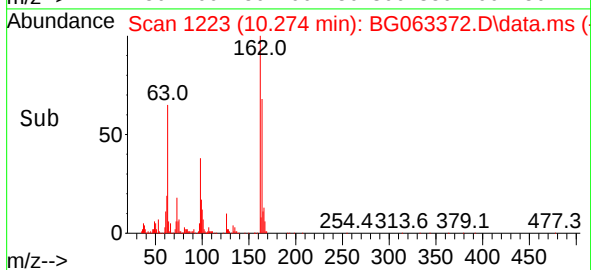
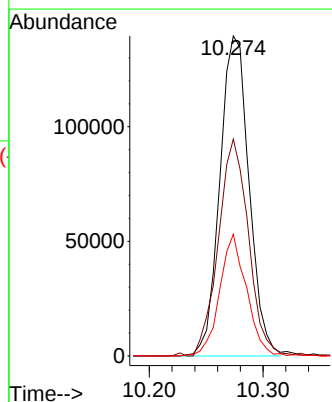
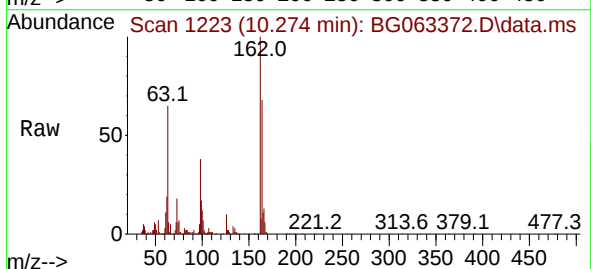
Instrument :
BNA_G
ClientSampleId :

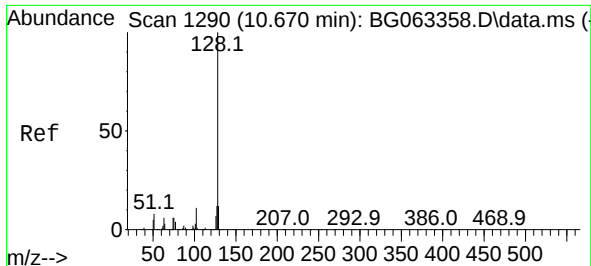
Tgt Ion: 93 Resp: 314474
Ion Ratio Lower Upper
93 100
95 32.0 24.0 36.0
123 11.1 6.4 9.6#



#29
2,4-Dichlorophenol
Concen: 30.681 ng/ul
RT: 10.274 min Scan# 1223
Delta R.T. -0.011 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

Tgt Ion:162 Resp: 248655
Ion Ratio Lower Upper
162 100
164 67.7 56.2 84.4
98 38.0 24.6 36.8#

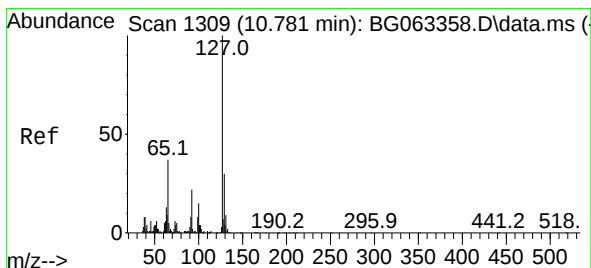
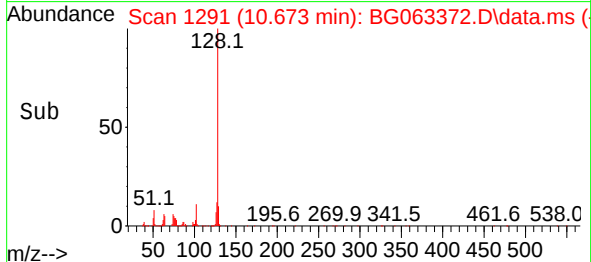
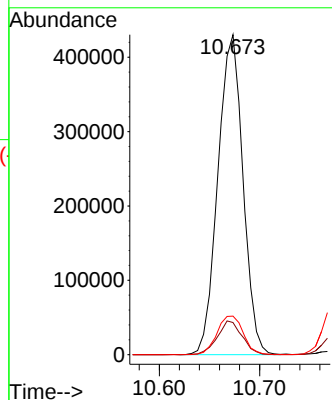
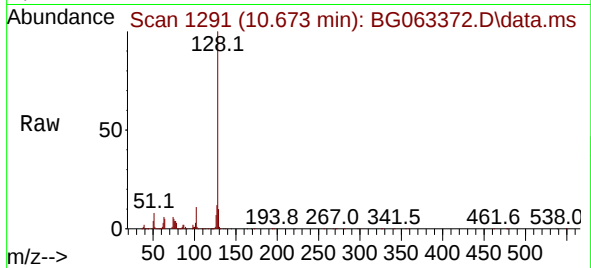




#30
Naphthalene
Concen: 30.257 ng/ul
RT: 10.673 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

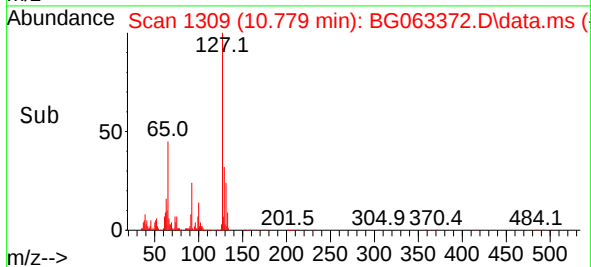
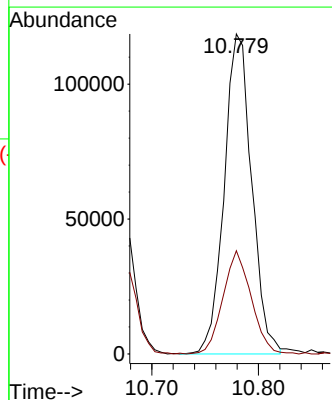
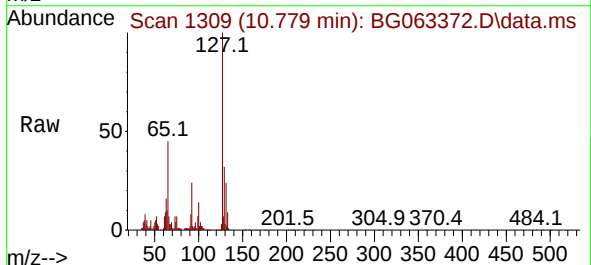
Instrument :
BNA_G
ClientSampleId :

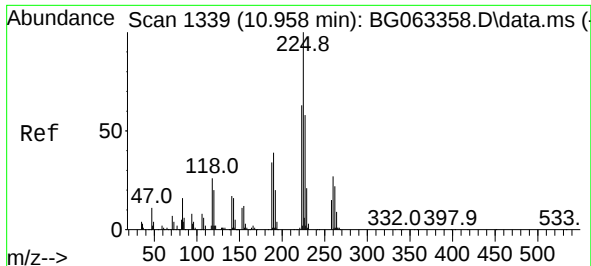
Tgt Ion:128 Resp: 746401
Ion Ratio Lower Upper
128 100
129 10.1 8.6 12.8
127 12.1 10.5 15.7



#32
4-Chloroaniline
Concen: 19.799 ng/ul
RT: 10.779 min Scan# 1309
Delta R.T. -0.011 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

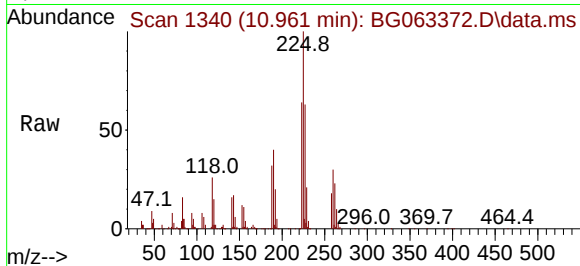
Tgt Ion:127 Resp: 212179
Ion Ratio Lower Upper
127 100
129 32.3 25.7 38.5



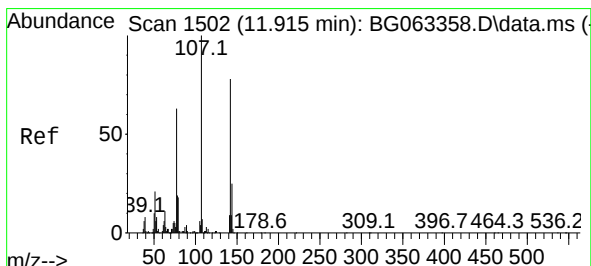
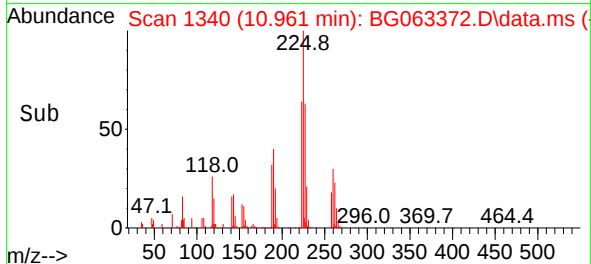
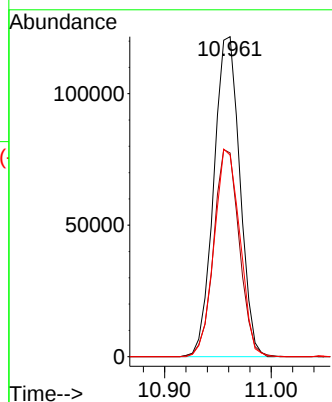


#33
Hexachlorobutadiene
Concen: 26.655 ng/ul
RT: 10.961 min Scan# 1340
Delta R.T. -0.005 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

Instrument :
BNA_G
ClientSampleId :

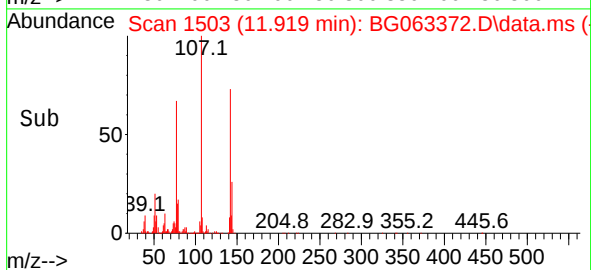
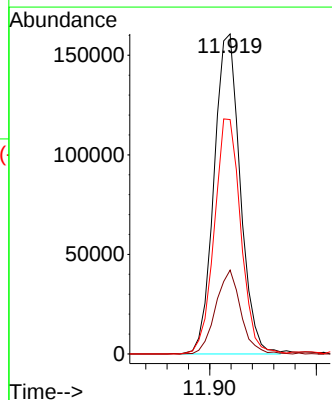
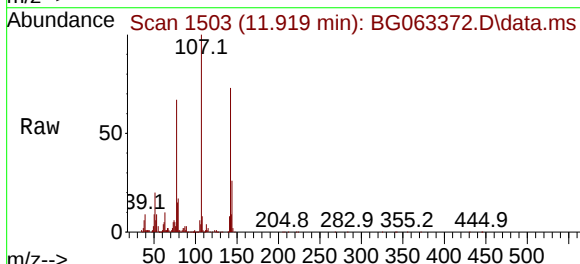


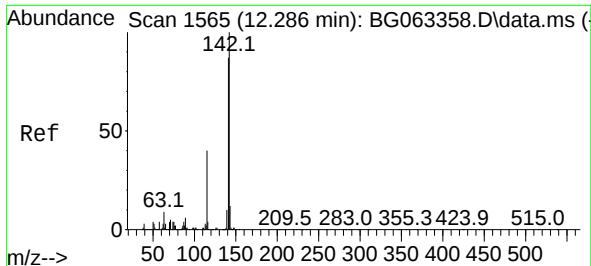
Tgt Ion:225 Resp: 206750
Ion Ratio Lower Upper
225 100
223 63.6 50.5 75.7
227 63.0 48.2 72.2



#35
4-Chloro-3-methylphenol
Concen: 28.172 ng/ul
RT: 11.919 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

Tgt Ion:107 Resp: 273962
Ion Ratio Lower Upper
107 100
144 26.2 19.5 29.3
142 73.2 64.2 96.4





#36

2-Methylnaphthalene

Concen: 28.068 ng/ul

RT: 12.283 min Scan# 1565

Delta R.T. -0.005 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

Instrument :

BNA_G

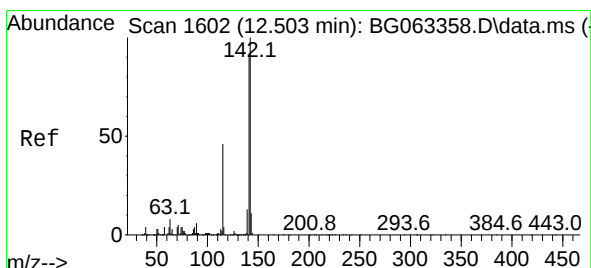
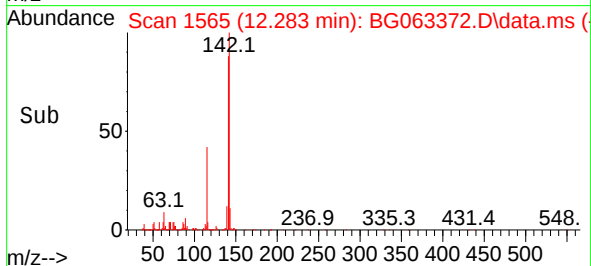
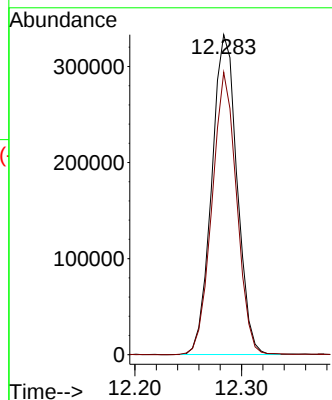
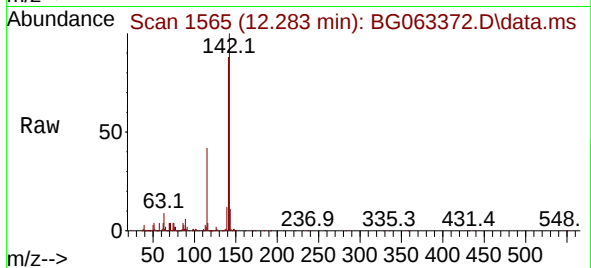
ClientSampleId :

Tgt Ion:142 Resp: 548784

Ion Ratio Lower Upper

142 100

141 88.3 68.3 102.5



#37

1-Methylnaphthalene

Concen: 27.177 ng/ul

RT: 12.507 min Scan# 1603

Delta R.T. -0.005 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

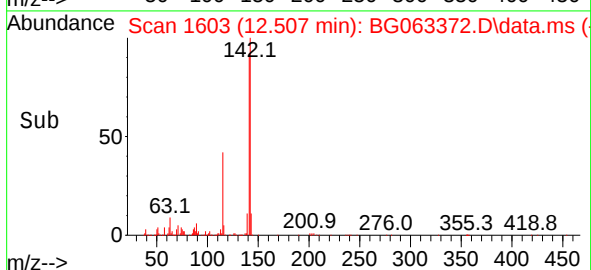
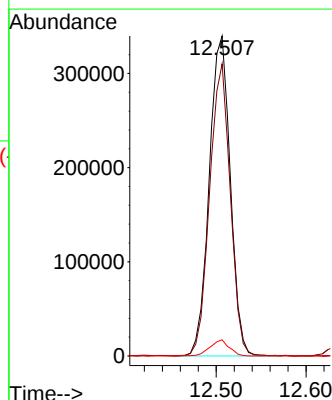
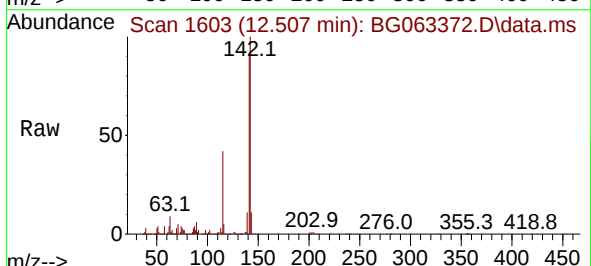
Tgt Ion:142 Resp: 552543

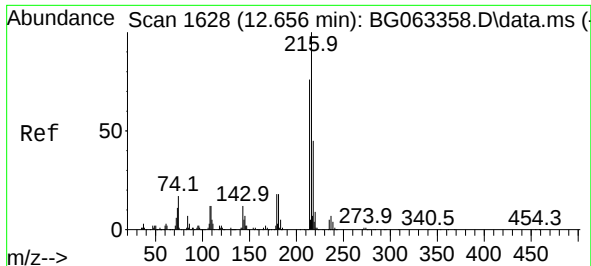
Ion Ratio Lower Upper

142 100

141 91.3 66.4 99.6

116 5.0 3.6 5.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.084 ng/ul

RT: 12.659 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:216 Resp: 420225

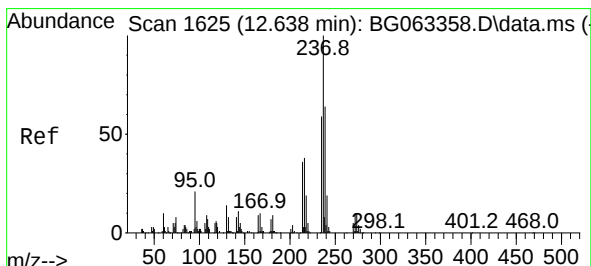
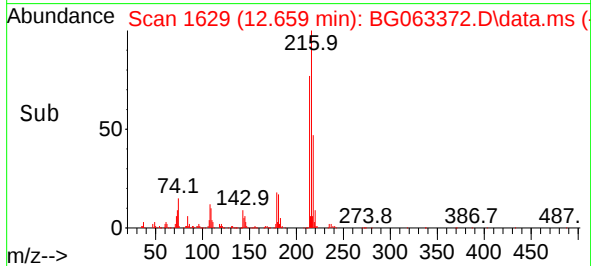
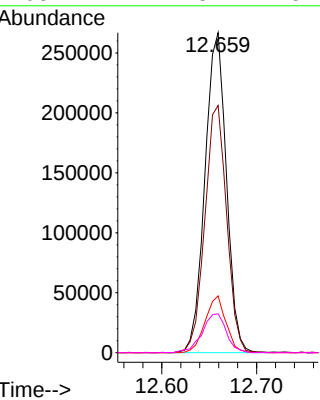
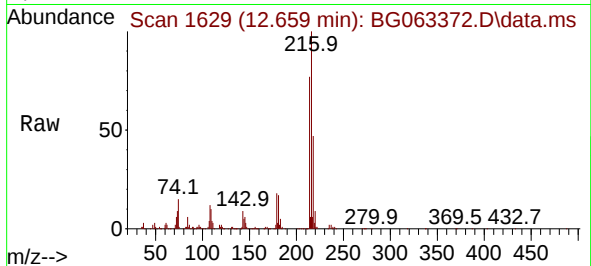
Ion Ratio Lower Upper

216 100

214 77.3 64.1 96.1

179 17.8 13.9 20.9

108 12.1 8.7 13.1



#40

Hexachlorocyclopentadiene

Concen: 20.342 ng/ul

RT: 12.636 min Scan# 1625

Delta R.T. -0.011 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

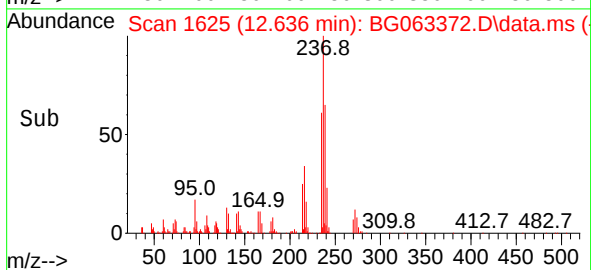
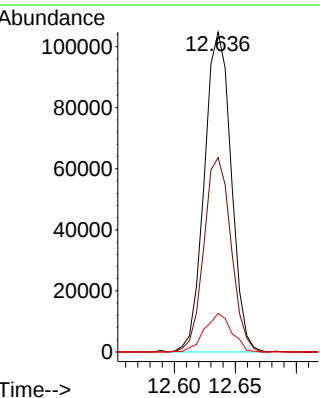
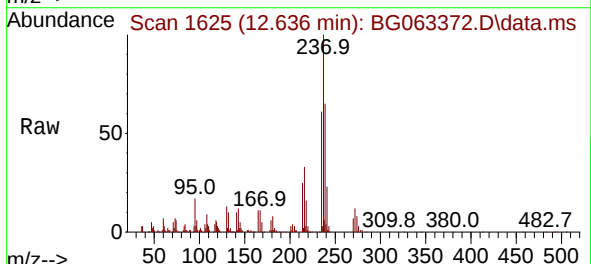
Tgt Ion:237 Resp: 160485

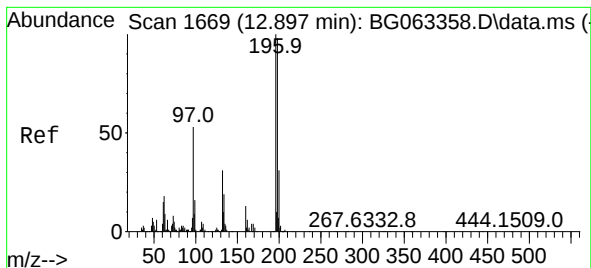
Ion Ratio Lower Upper

237 100

235 60.8 49.5 74.3

272 12.1 8.6 13.0





#41

2,4,6-Trichlorophenol

Concen: 28.901 ng/ul

RT: 12.900 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

Instrument :

BNA_G

ClientSampleId :

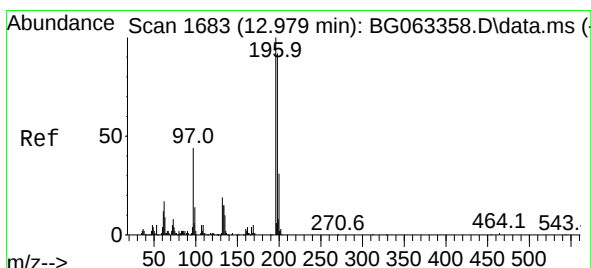
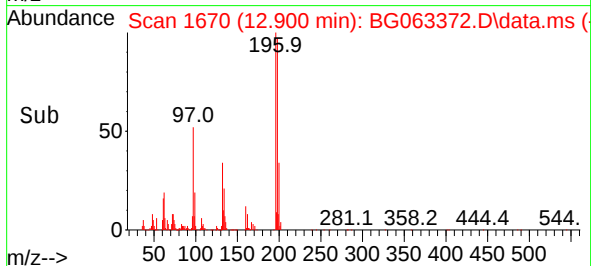
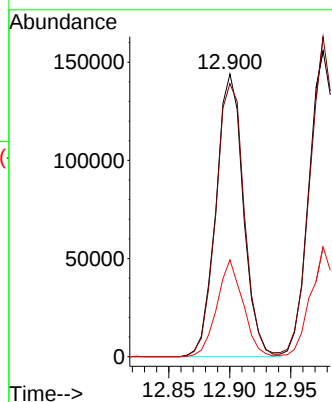
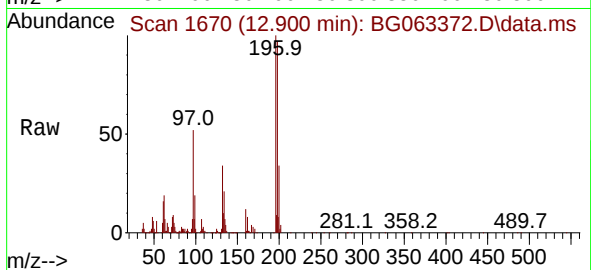
Tgt Ion:196 Resp: 225399

Ion Ratio Lower Upper

196 100

198 96.6 77.9 116.9

200 34.3 27.6 41.4



#42

2,4,5-Trichlorophenol

Concen: 24.019 ng/ul

RT: 12.900 min Scan# 1670

Delta R.T. -0.076 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

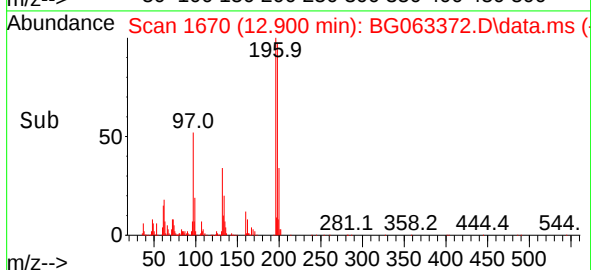
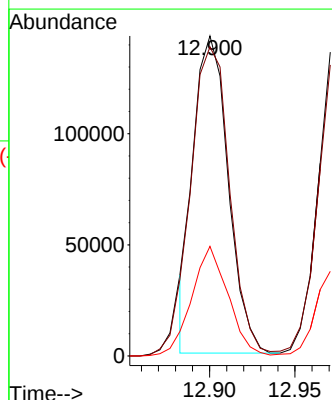
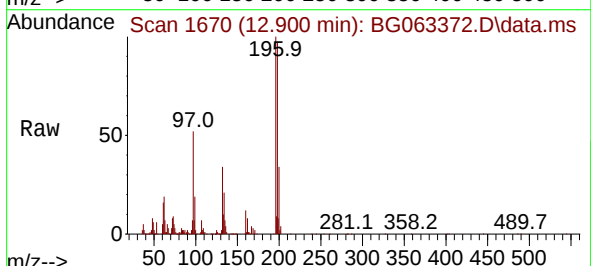
Tgt Ion:196 Resp: 203136

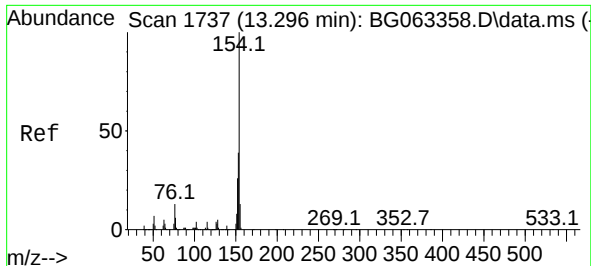
Ion Ratio Lower Upper

196 100

198 96.6 74.0 111.0

200 34.3 22.9 34.3





#43

1,1'-Biphenyl

Concen: 31.019 ng/ul

RT: 13.300 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

Instrument :

BNA_G

ClientSampleId :

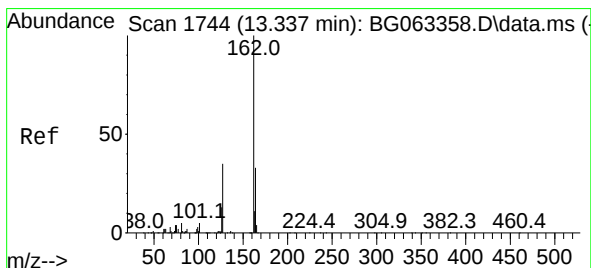
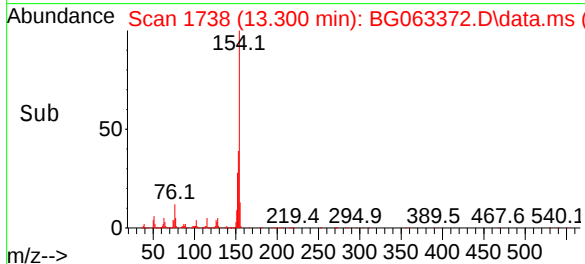
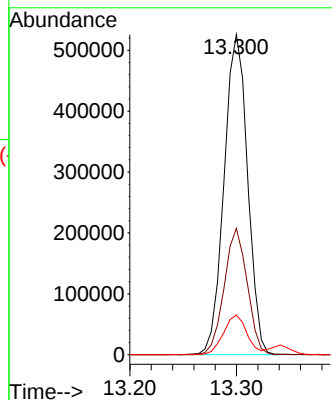
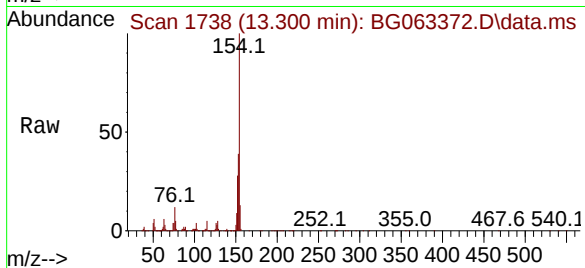
Tgt Ion:154 Resp: 805882

Ion Ratio Lower Upper

154 100

153 39.4 30.7 46.1

76 12.4 8.6 13.0



#44

2-Chloronaphthalene

Concen: 30.937 ng/ul

RT: 13.341 min Scan# 1745

Delta R.T. -0.005 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

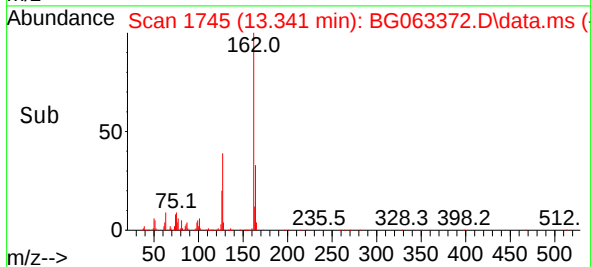
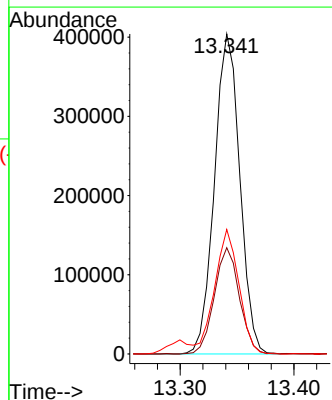
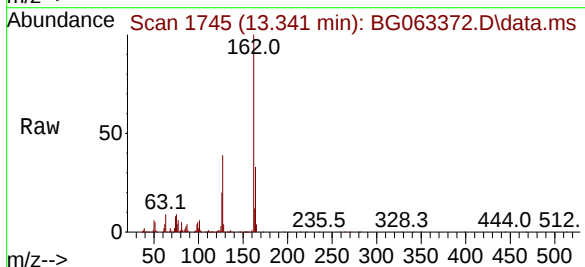
Tgt Ion:162 Resp: 625721

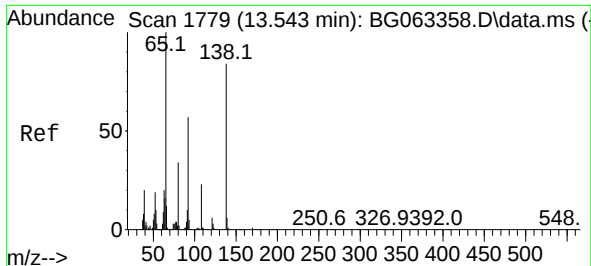
Ion Ratio Lower Upper

162 100

164 33.2 26.3 39.5

127 38.9 29.8 44.8

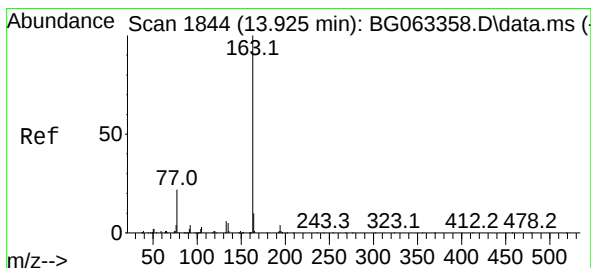
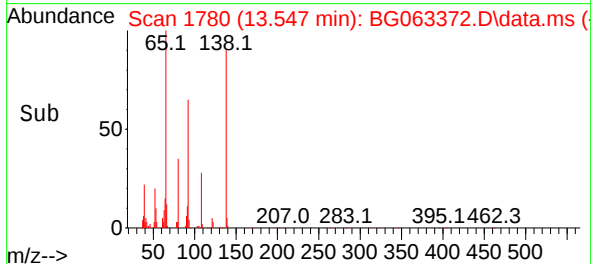
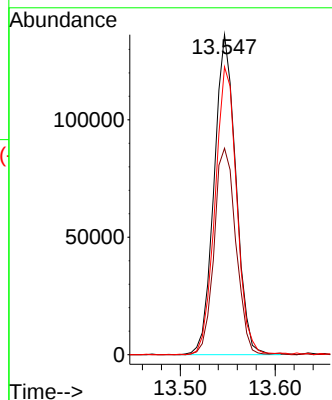
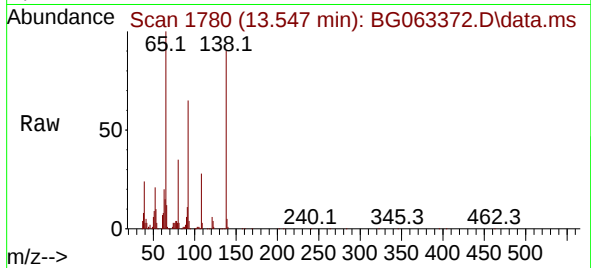




#45
2-Nitroaniline
Concen: 31.497 ng/ul
RT: 13.547 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

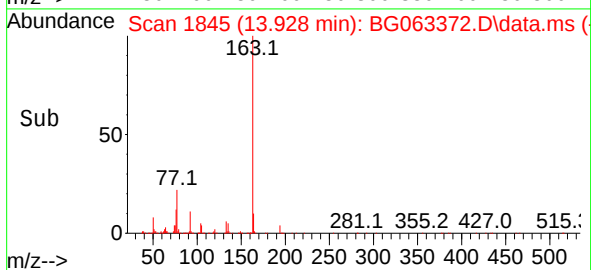
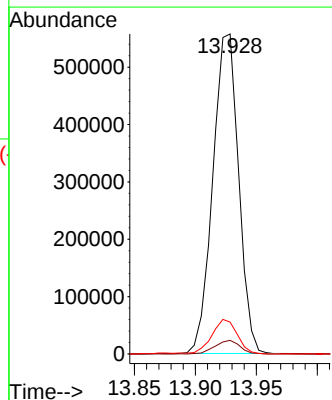
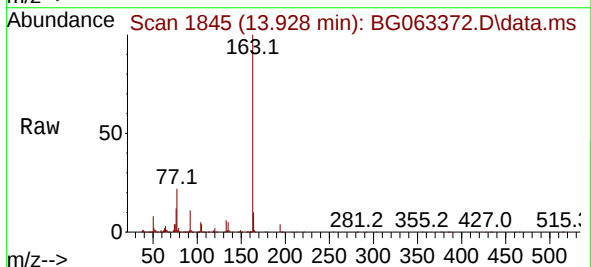
Instrument :
BNA_G
ClientSampleId :

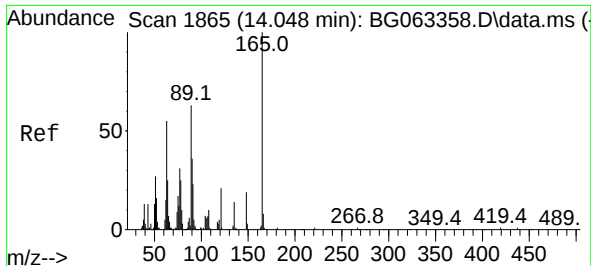
Tgt Ion: 65 Resp: 217313
Ion Ratio Lower Upper
65 100
92 64.5 46.3 69.5
138 90.0 75.3 112.9



#47
Dimethylphthalate
Concen: 26.612 ng/ul
RT: 13.928 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

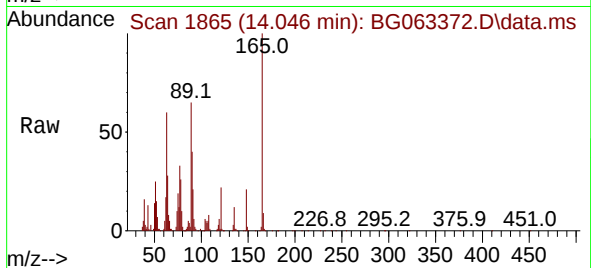
Tgt Ion:163 Resp: 819202
Ion Ratio Lower Upper
163 100
194 4.2 3.8 5.6
164 9.9 8.6 13.0



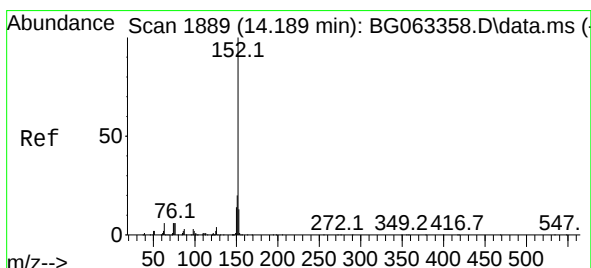
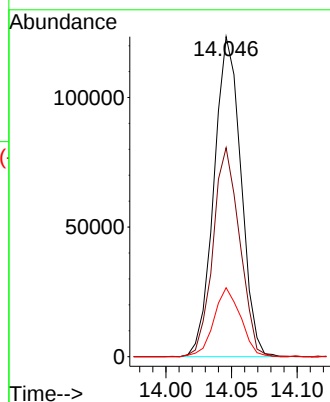
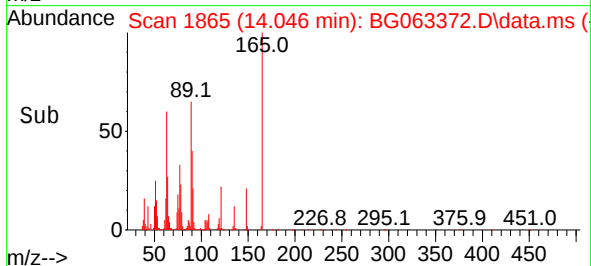


#48
2,6-Dinitrotoluene
Concen: 29.983 ng/ul
RT: 14.046 min Scan# 1865
Delta R.T. -0.005 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

Instrument :
BNA_G
ClientSampleId :

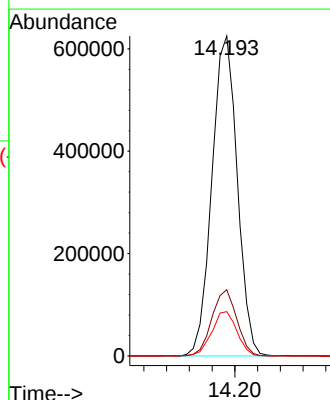
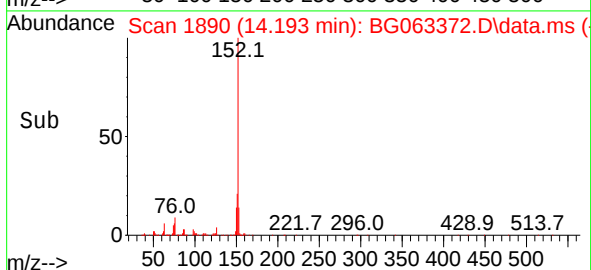
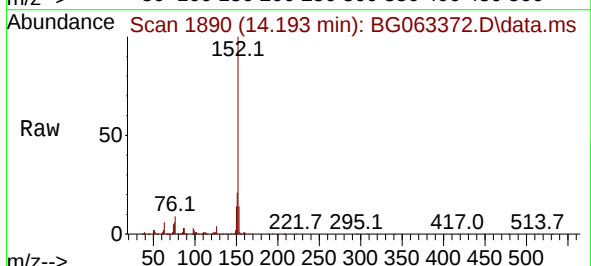


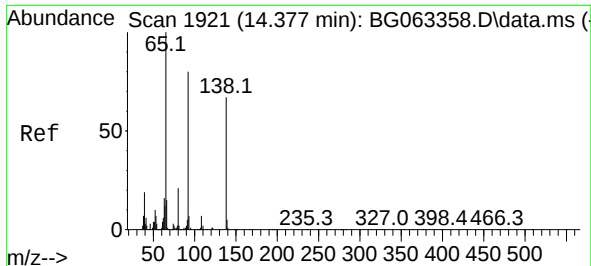
Tgt Ion:165 Resp: 176620
Ion Ratio Lower Upper
165 100
89 65.3 51.0 76.4
121 21.5 17.3 25.9



#50
Acenaphthylene
Concen: 30.913 ng/ul
RT: 14.193 min Scan# 1890
Delta R.T. -0.005 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

Tgt Ion:152 Resp: 967642
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.8 9.3 13.9

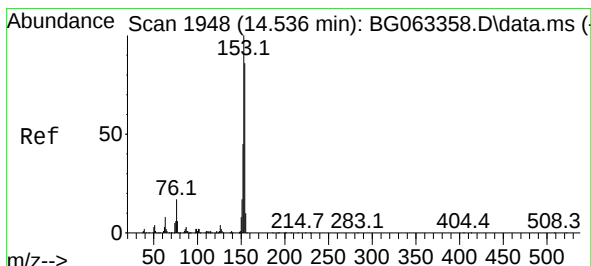
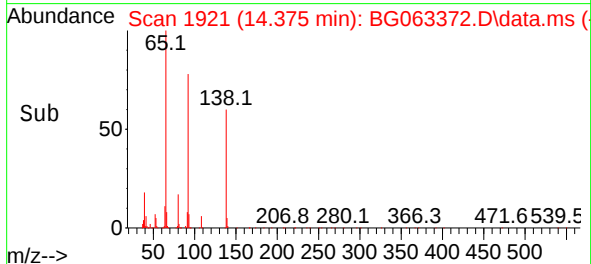
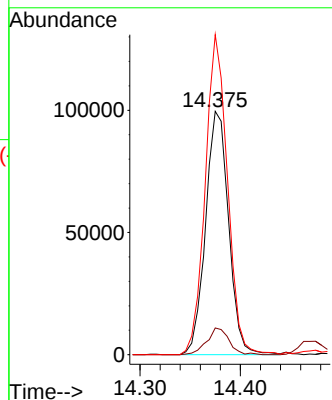
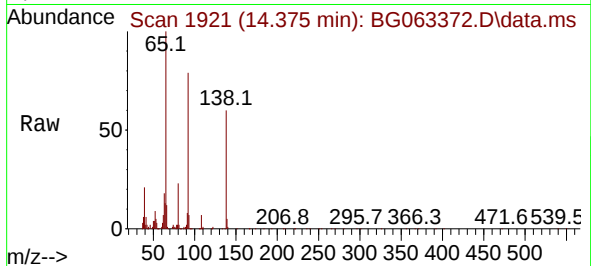




#51
3-Nitroaniline
Concen: 30.952 ng/ul
RT: 14.375 min Scan# 1921
Delta R.T. -0.005 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

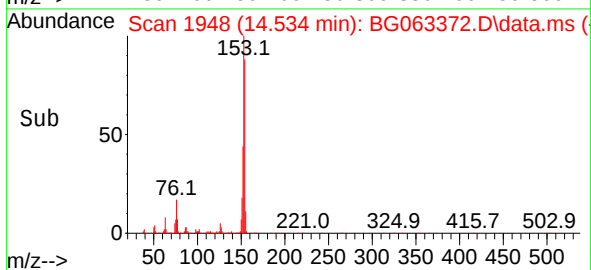
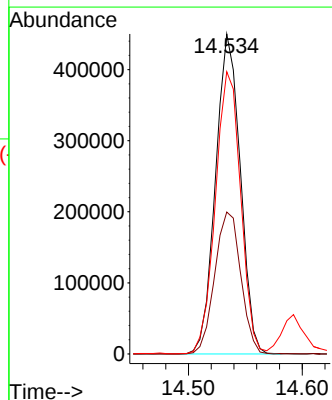
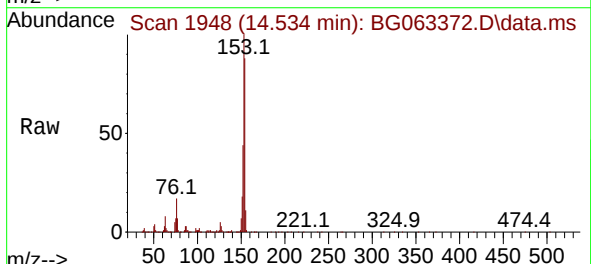
Instrument :
BNA_G
ClientSampleId :

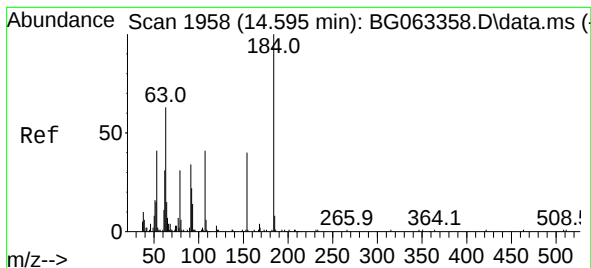
Tgt Ion:138 Resp: 159149
Ion Ratio Lower Upper
138 100
108 11.0 9.0 13.6
92 131.5 105.4 158.0



#52
Acenaphthene
Concen: 30.398 ng/ul
RT: 14.534 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

Tgt Ion:153 Resp: 681041
Ion Ratio Lower Upper
153 100
152 44.3 37.8 56.6
154 88.2 71.9 107.9

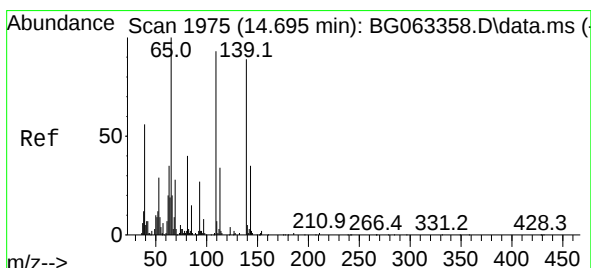
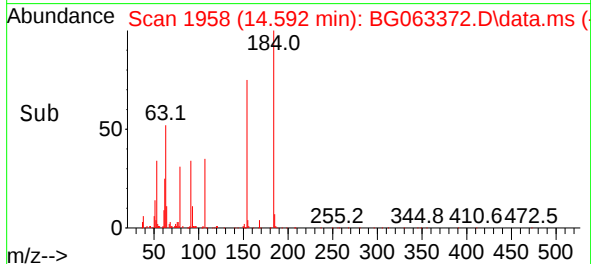
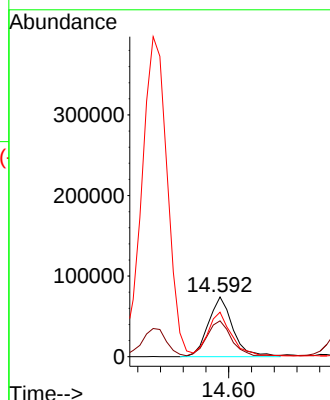
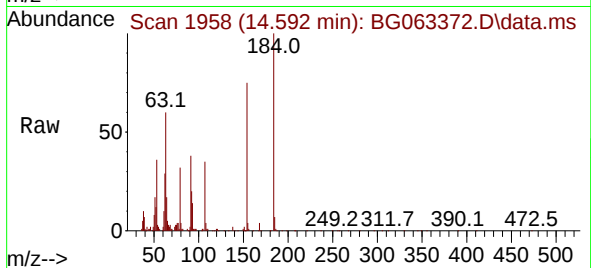




#53
2,4-Dinitrophenol
Concen: 28.582 ng/ul
RT: 14.592 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

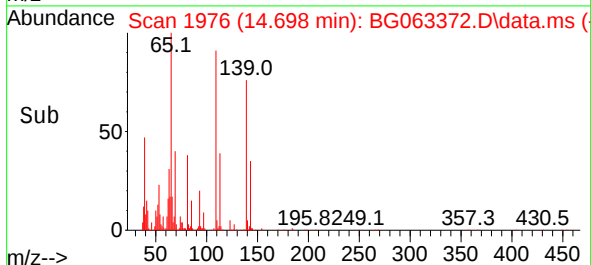
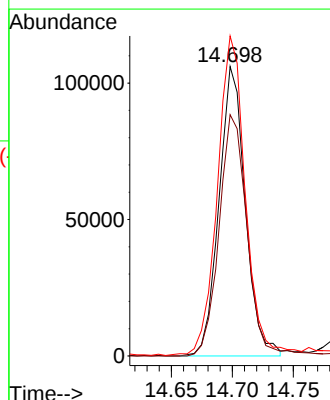
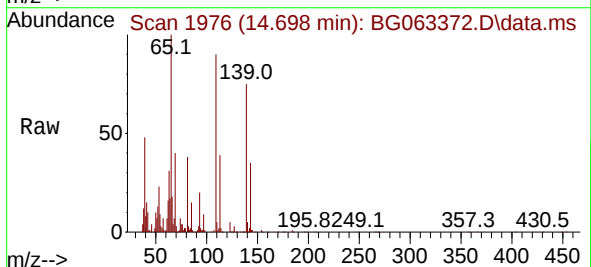
Instrument :
BNA_G
ClientSampleId :

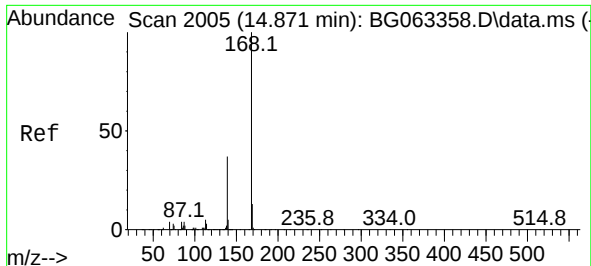
Tgt Ion:184 Resp: 111004
Ion Ratio Lower Upper
184 100
63 60.0 58.0 87.0
154 74.7 61.1 91.7



#55
4-Nitrophenol
Concen: 27.812 ng/ul
RT: 14.698 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

Tgt Ion:109 Resp: 158889
Ion Ratio Lower Upper
109 100
139 83.4 69.0 103.4
65 110.6 83.0 124.4





#56

Dibenzenofuran

Concen: 29.653 ng/ul

RT: 14.868 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

Instrument :

BNA_G

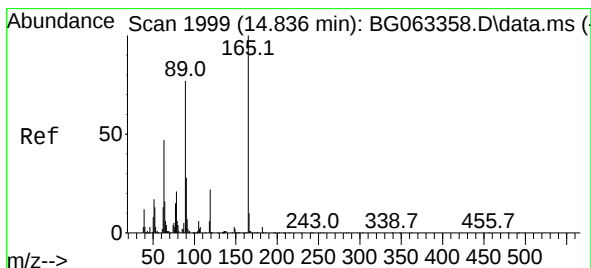
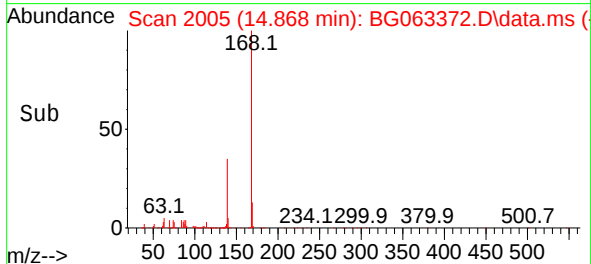
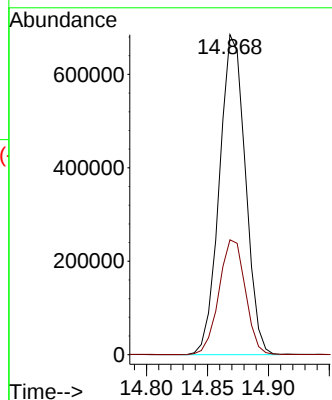
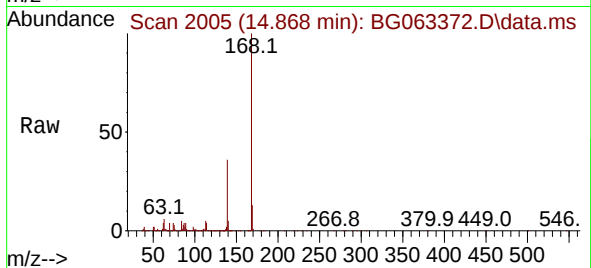
ClientSampleId :

Tgt Ion:168 Resp: 1016972

Ion Ratio Lower Upper

168 100

139 35.9 29.8 44.8



#57

2,4-Dinitrotoluene

Concen: 28.789 ng/ul

RT: 14.839 min Scan# 2000

Delta R.T. -0.005 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

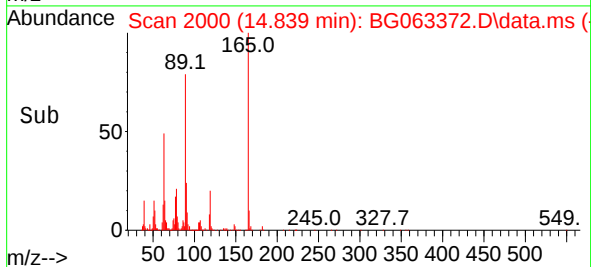
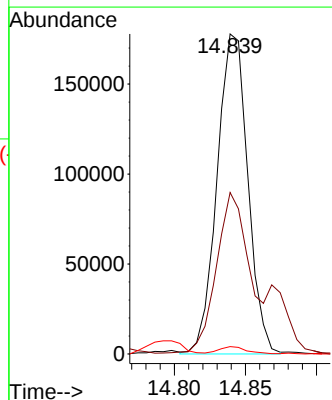
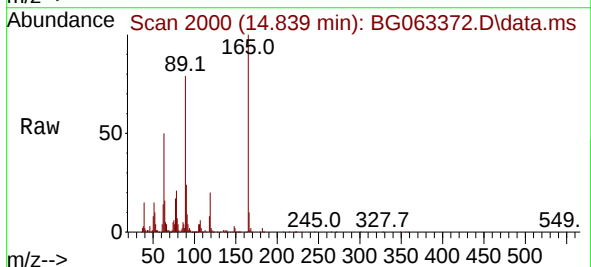
Tgt Ion:165 Resp: 268219

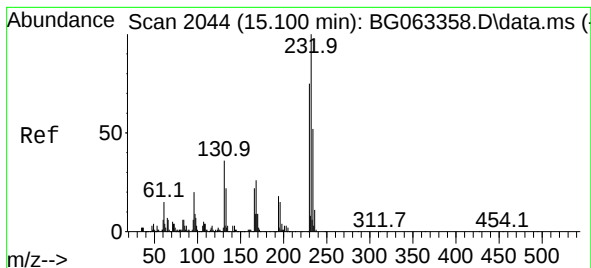
Ion Ratio Lower Upper

165 100

63 50.4 37.6 56.4

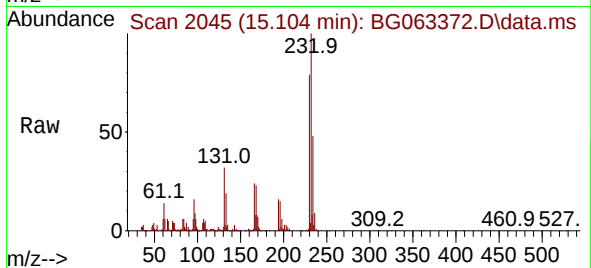
182 2.3 1.8 2.6



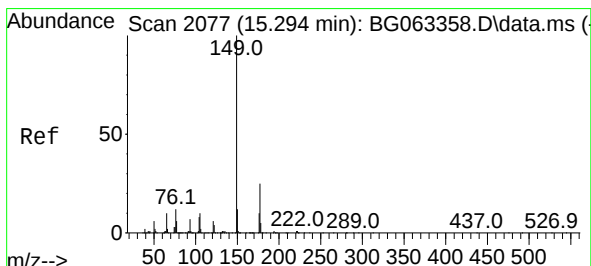
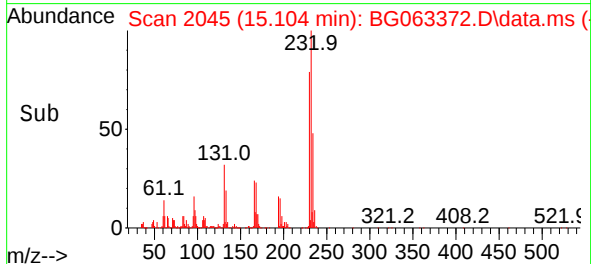
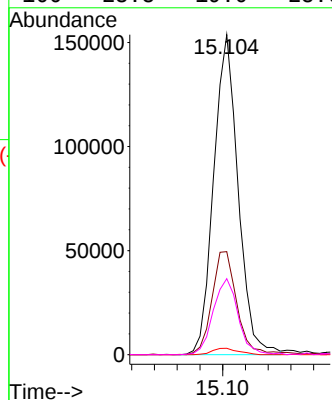


#58
2,3,4,6-Tetrachlorophenol
Concen: 26.154 ng/ul
RT: 15.104 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

Instrument :
BNA_G
ClientSampleId :

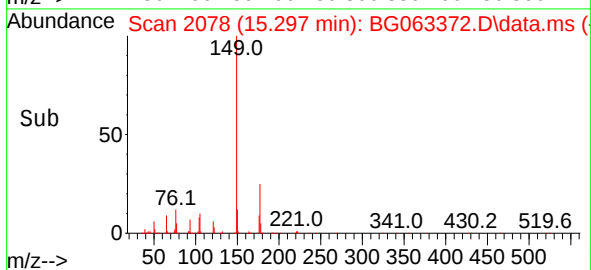
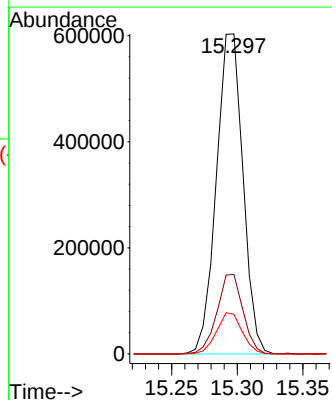
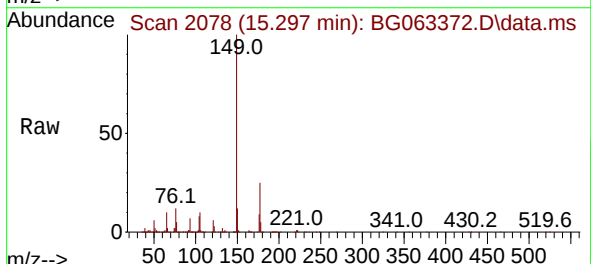


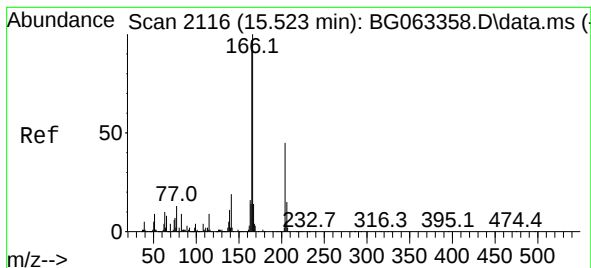
Tgt Ion:232 Resp: 229077
Ion Ratio Lower Upper
232 100
131 32.2 22.6 34.0
130 2.0 0.0 0.0#
166 23.8 19.0 28.6



#59
Diethylphthalate
Concen: 26.955 ng/ul
RT: 15.297 min Scan# 2078
Delta R.T. 0.000 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

Tgt Ion:149 Resp: 850724
Ion Ratio Lower Upper
149 100
177 24.9 19.6 29.4
150 12.4 10.0 15.0





#61

Fluorene

Concen: 29.195 ng/ul

RT: 15.521 min Scan# 2116

Delta R.T. -0.005 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

Instrument :

BNA_G

ClientSampleId :

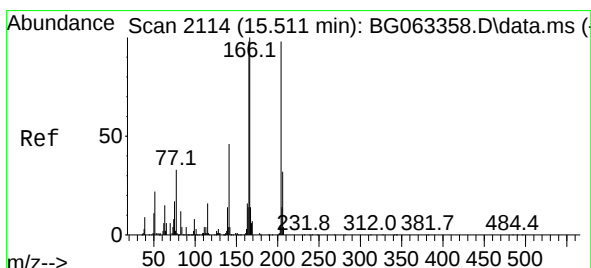
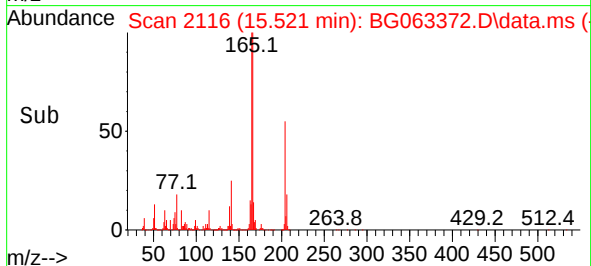
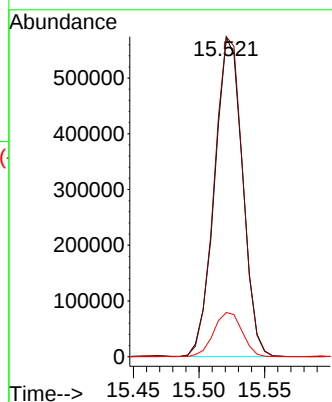
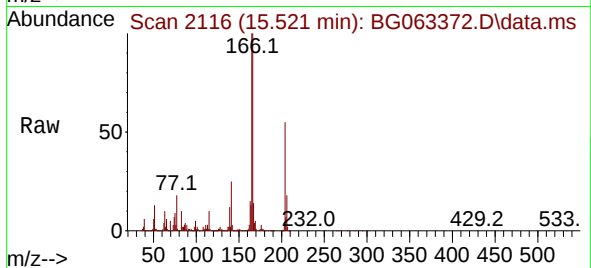
Tgt Ion:166 Resp: 847429

Ion Ratio Lower Upper

166 100

165 100.2 77.9 116.9

167 13.8 11.2 16.8



#62

4-Chlorophenyl-phenylether

Concen: 27.445 ng/ul

RT: 15.515 min Scan# 2115

Delta R.T. -0.005 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

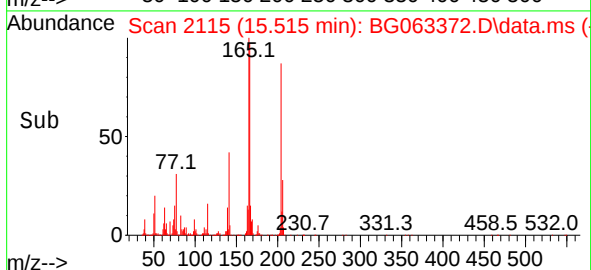
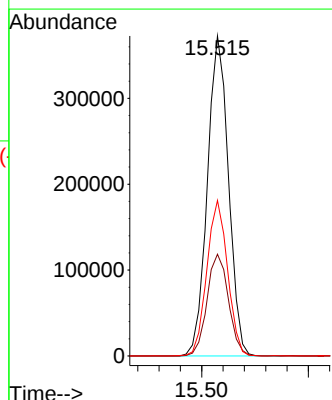
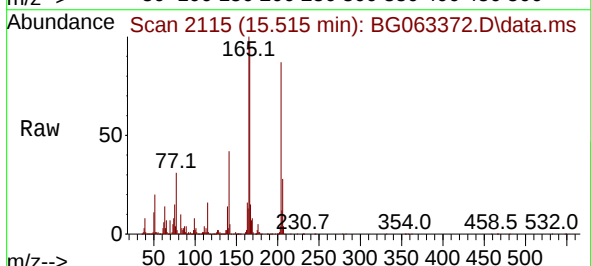
Tgt Ion:204 Resp: 511972

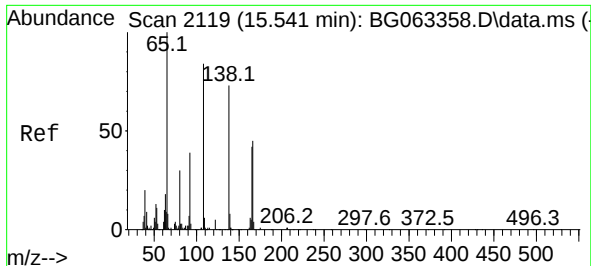
Ion Ratio Lower Upper

204 100

206 31.8 26.2 39.2

141 48.6 35.3 52.9





#63

4-Nitroaniline

Concen: 35.321 ng/ul

RT: 15.544 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

Instrument :

BNA_G

ClientSampleId :

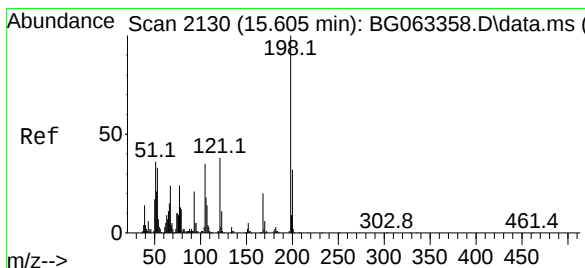
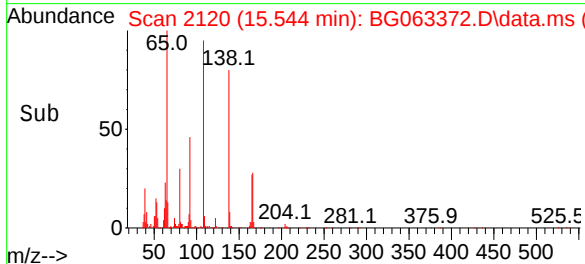
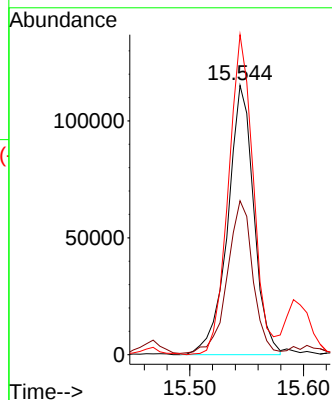
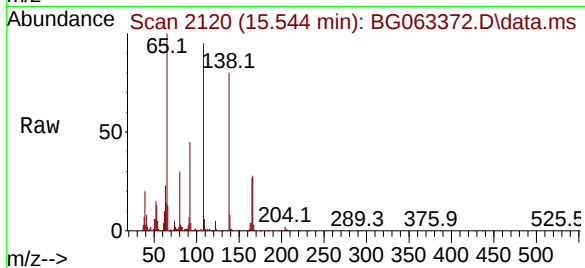
Tgt Ion:138 Resp: 183816

Ion Ratio Lower Upper

138 100

92 57.2 49.7 74.5

108 118.8 109.4 164.0



#66

4,6-Dinitro-2-methylphenol

Concen: 31.774 ng/ul

RT: 15.609 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

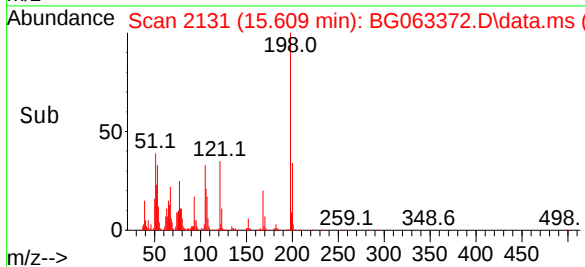
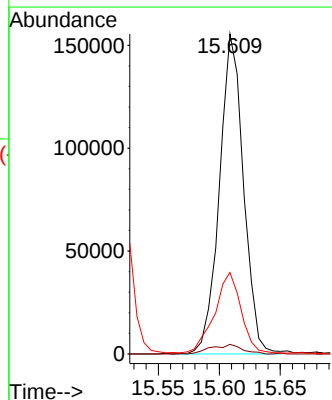
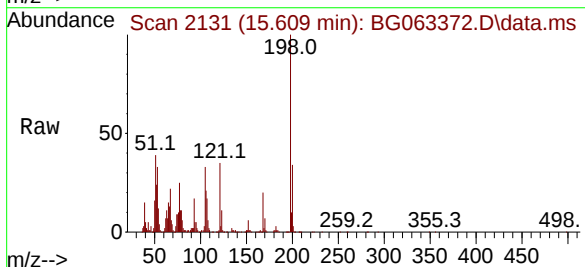
Tgt Ion:198 Resp: 213712

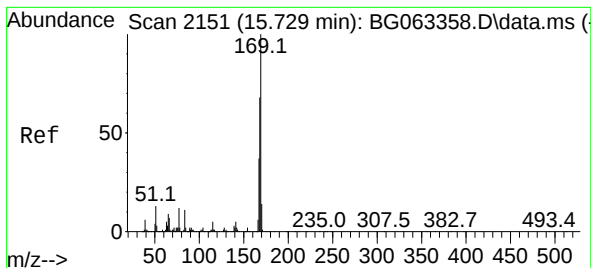
Ion Ratio Lower Upper

198 100

182 3.0 2.8 4.2

77 25.5 18.9 28.3





#67

N-Nitrosodiphenylamine

Concen: 31.528 ng/ul

RT: 15.732 min Scan# 2151

Delta R.T. -0.005 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

Instrument :

BNA_G

ClientSampleId :

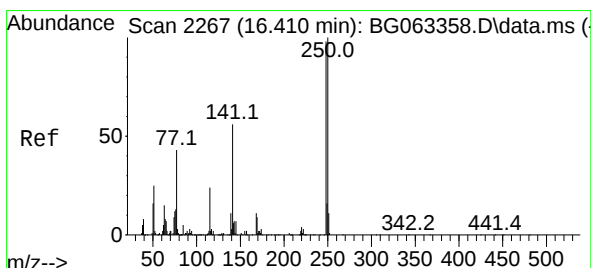
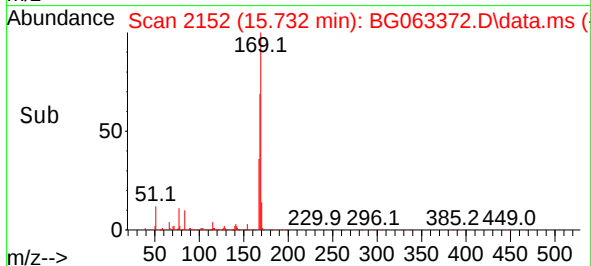
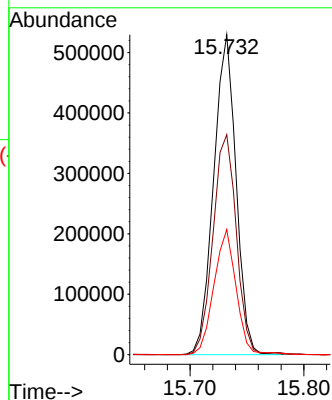
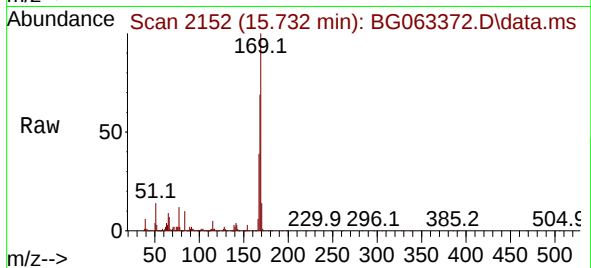
Tgt Ion:169 Resp: 725312

Ion Ratio Lower Upper

169 100

168 68.7 55.7 83.5

167 39.1 32.2 48.2



#68

4-Bromophenyl-phenylether

Concen: 31.061 ng/ul

RT: 16.414 min Scan# 2268

Delta R.T. 0.000 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

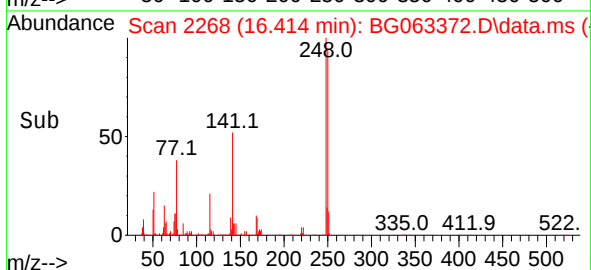
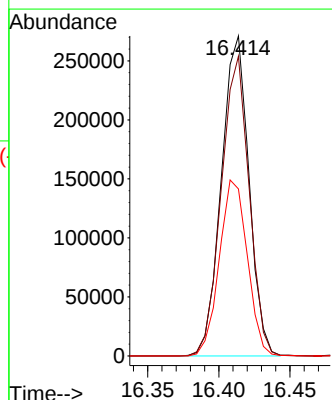
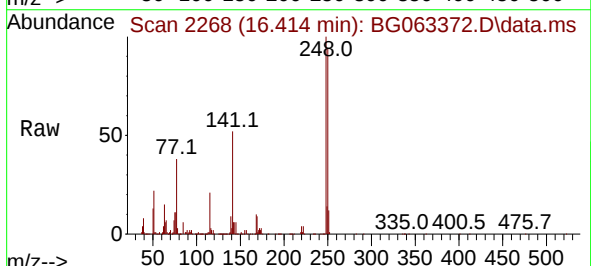
Tgt Ion:248 Resp: 366175

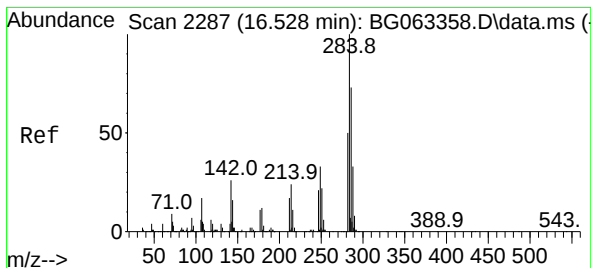
Ion Ratio Lower Upper

248 100

250 93.7 76.9 115.3

141 52.2 41.3 61.9





#69

Hexachlorobenzene

Concen: 30.236 ng/ul

RT: 16.531 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

Instrument :

BNA_G

ClientSampleId :

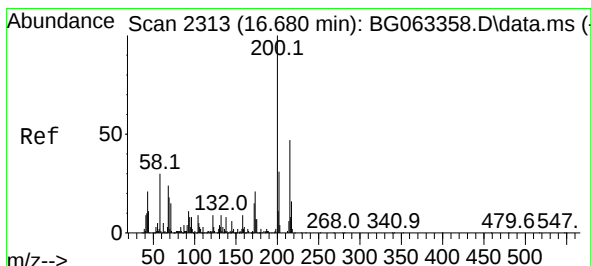
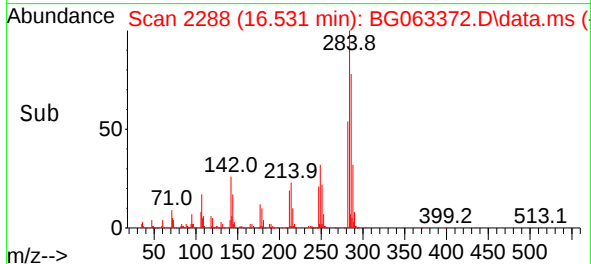
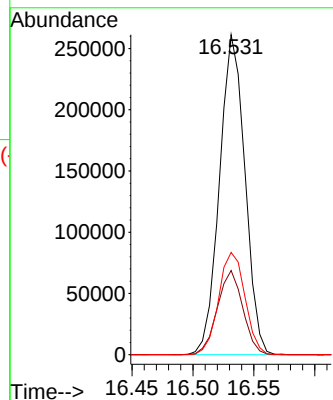
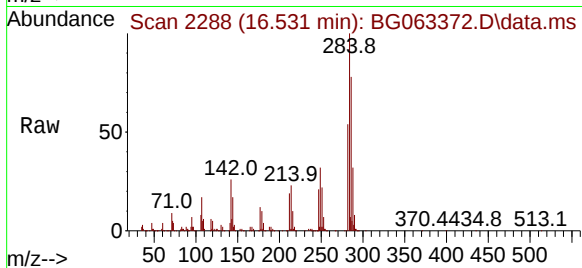
Tgt Ion:284 Resp: 379737

Ion Ratio Lower Upper

284 100

142 26.3 18.9 28.3

249 31.9 27.6 41.4



#70

Atrazine

Concen: 12.511 ng/ul

RT: 16.678 min Scan# 2313

Delta R.T. -0.005 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

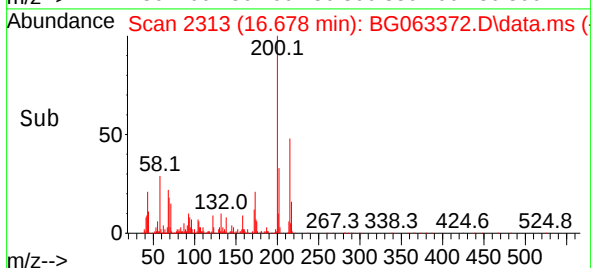
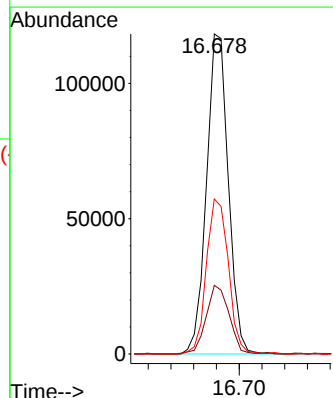
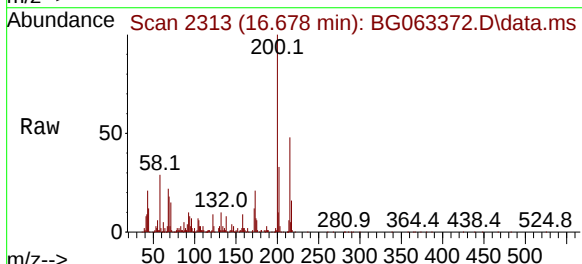
Tgt Ion:200 Resp: 157453

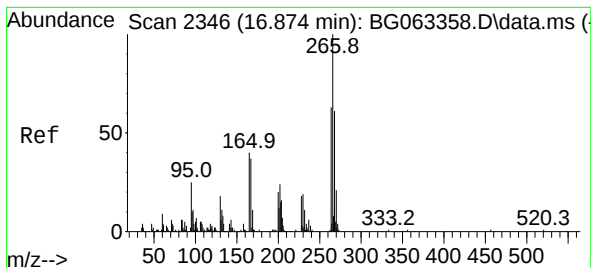
Ion Ratio Lower Upper

200 100

173 21.4 18.6 27.8

215 48.4 38.6 58.0





#71

Pentachlorophenol

Concen: 24.700 ng/ul

RT: 16.878 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

Instrument :

BNA_G

ClientSampleId :

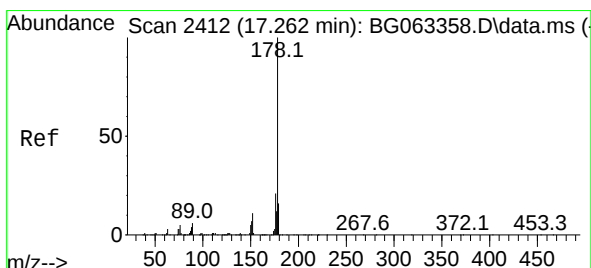
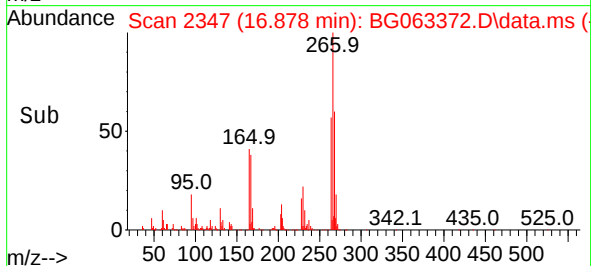
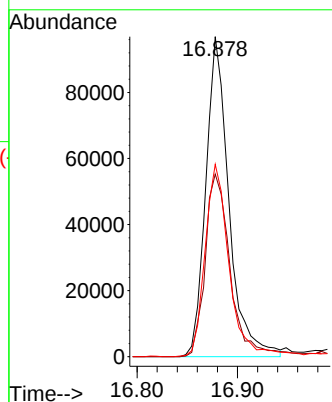
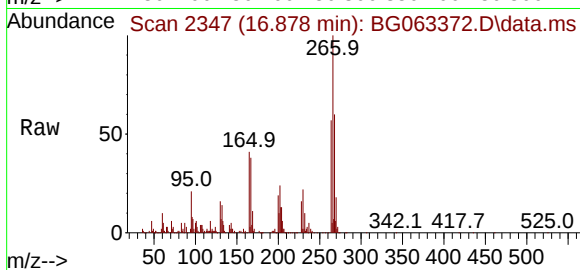
Tgt Ion:266 Resp: 155519

Ion Ratio Lower Upper

266 100

264 57.0 46.4 69.6

268 60.1 53.2 79.8



#72

Phenanthrene

Concen: 31.768 ng/ul

RT: 17.266 min Scan# 2413

Delta R.T. 0.000 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

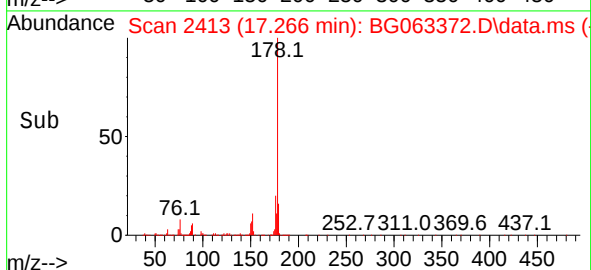
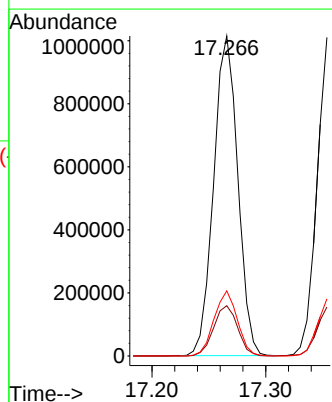
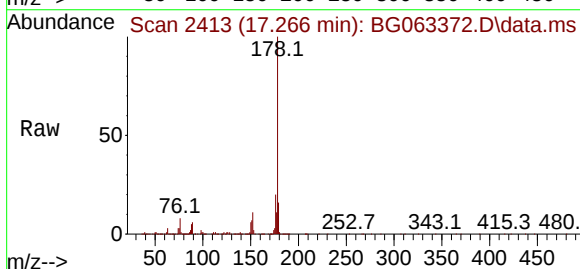
Tgt Ion:178 Resp: 1496800

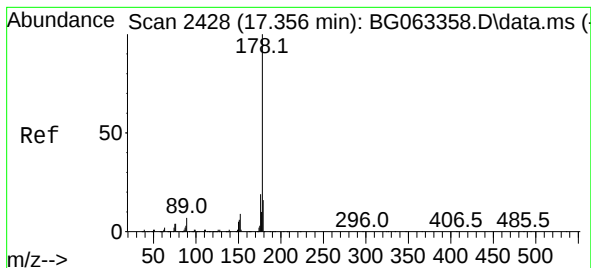
Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

176 20.3 16.0 24.0





#74

Anthracene

Concen: 31.109 ng/ul

RT: 17.354 min Scan# 2428

Delta R.T. -0.006 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

Instrument :

BNA_G

ClientSampleId :

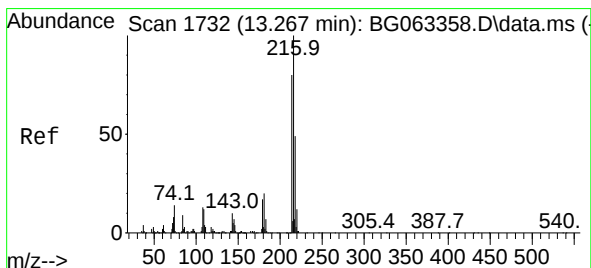
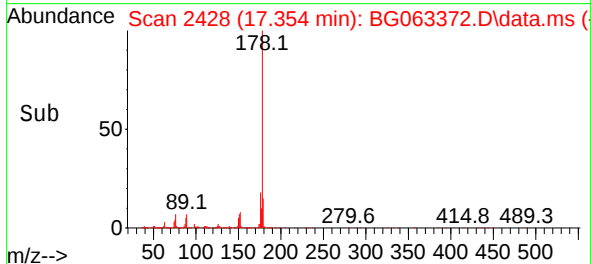
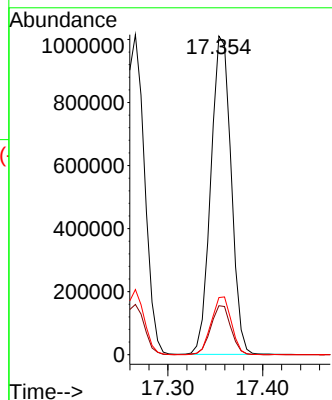
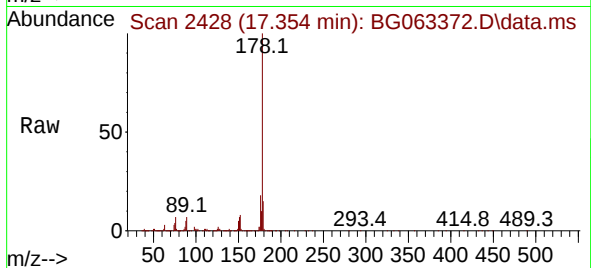
Tgt Ion:178 Resp: 1501547

Ion Ratio Lower Upper

178 100

179 15.4 13.7 20.5

176 17.9 16.1 24.1



#75

1,2,3,4-Tetrachlorobenzene

Concen: 32.734 ng/ul

RT: 13.264 min Scan# 1732

Delta R.T. -0.006 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

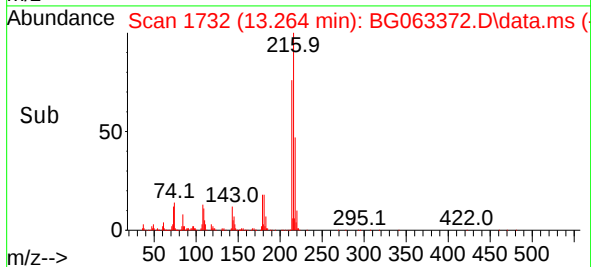
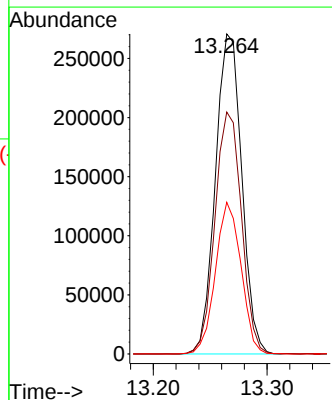
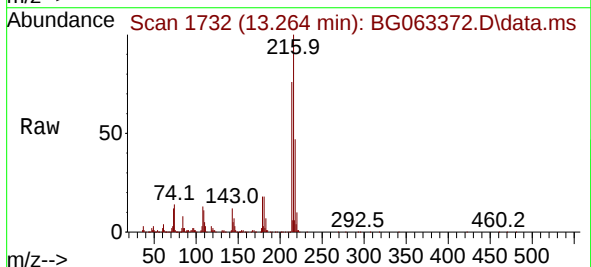
Tgt Ion:216 Resp: 436509

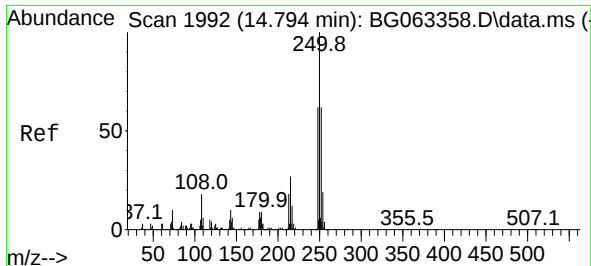
Ion Ratio Lower Upper

216 100

214 75.6 60.4 90.6

218 47.4 37.2 55.8

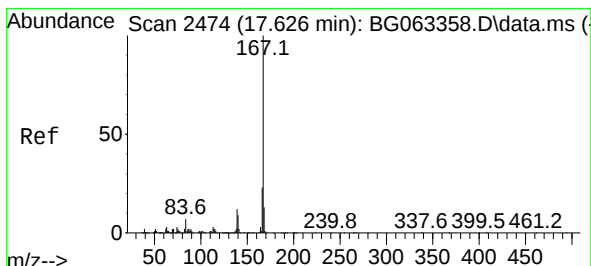
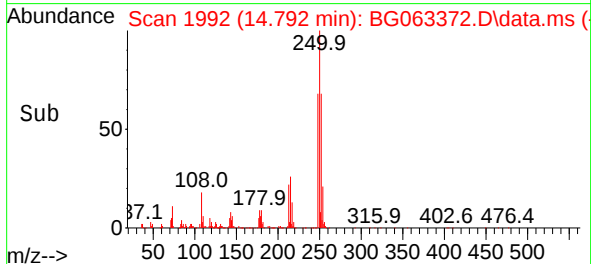
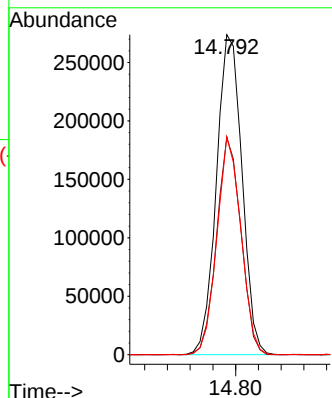
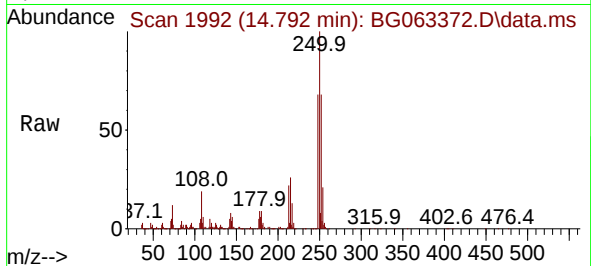




#76
 Pentachlorobenzene
 Concen: 30.111 ng/ul
 RT: 14.792 min Scan# 1992
 Delta R.T. -0.006 min
 Lab File: BG063372.D
 Acq: 14 Nov 2024 2:17

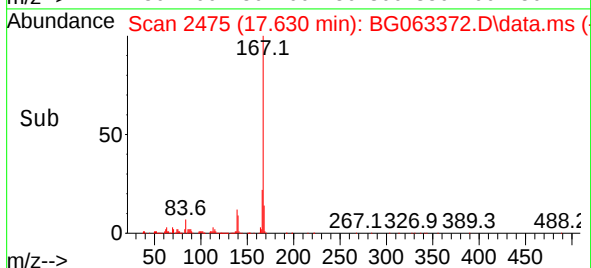
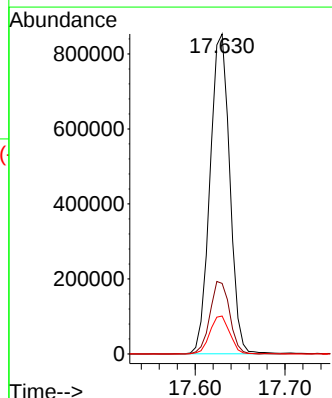
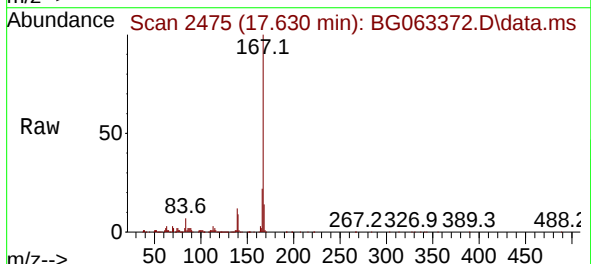
Instrument :
 BNA_G
 ClientSampleId :

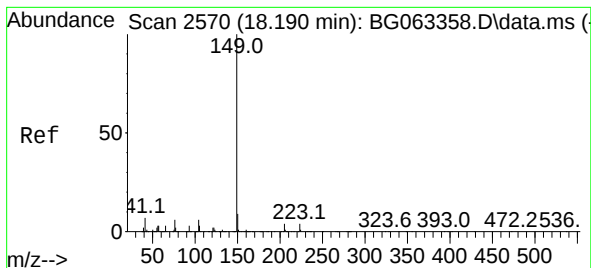
Tgt Ion:250 Resp: 428196
 Ion Ratio Lower Upper
 250 100
 248 68.0 51.7 77.5
 252 68.1 47.8 71.6



#77
 Carbazole
 Concen: 32.450 ng/ul
 RT: 17.630 min Scan# 2475
 Delta R.T. 0.000 min
 Lab File: BG063372.D
 Acq: 14 Nov 2024 2:17

Tgt Ion:167 Resp: 1300354
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 11.8 9.5 14.3





#78

Di-n-butylphthalate

Concen: 32.913 ng/ul

RT: 18.188 min Scan# 2570

Delta R.T. -0.006 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

Instrument :

BNA_G

ClientSampleId :

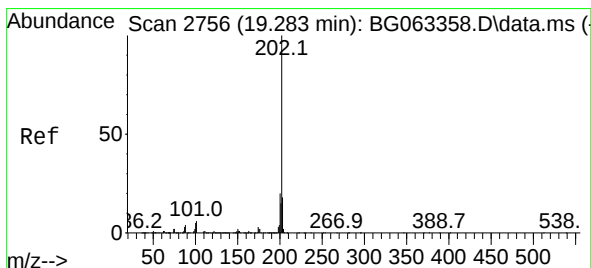
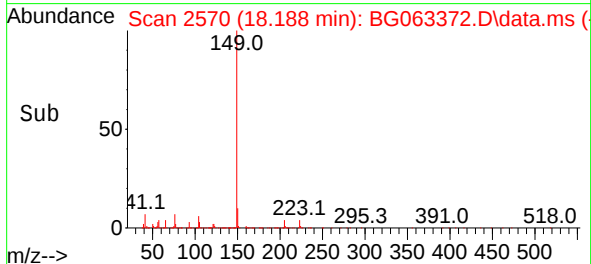
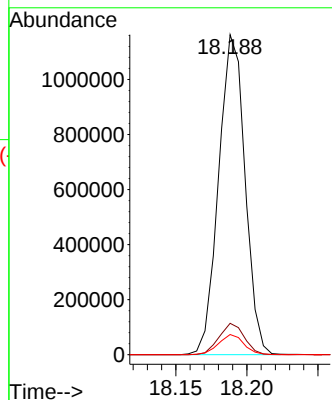
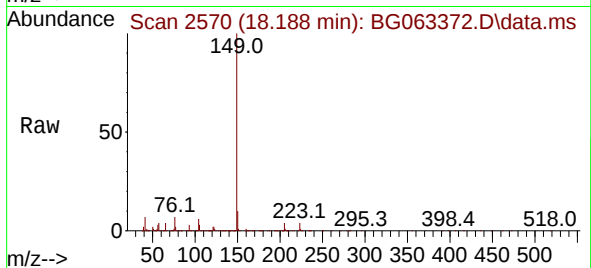
Tgt Ion:149 Resp: 1500263

Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

104 6.3 5.4 8.2



#80

Fluoranthene

Concen: 33.304 ng/ul

RT: 19.287 min Scan# 2757

Delta R.T. 0.000 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

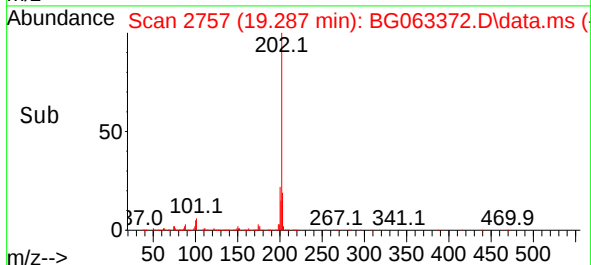
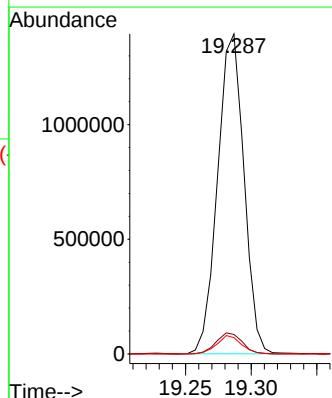
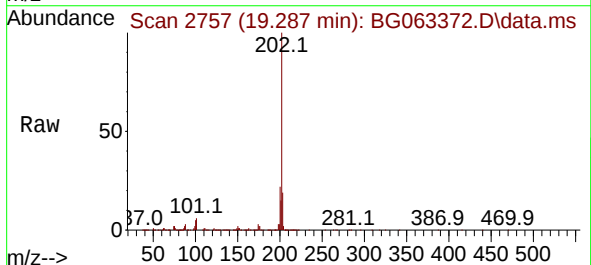
Tgt Ion:202 Resp: 1947183

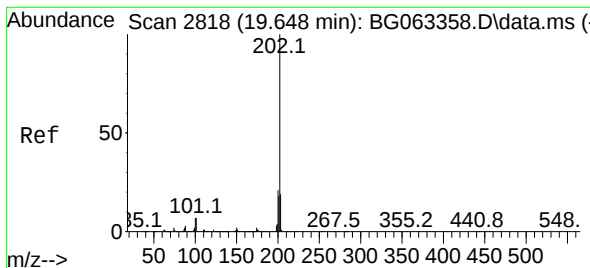
Ion Ratio Lower Upper

202 100

101 6.1 4.7 7.1

100 5.1 3.4 5.0#





#82

Pyrene

Concen: 32.472 ng/ul

RT: 19.651 min Scan# 2818

Delta R.T. 0.000 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

Instrument :

BNA_G

ClientSampleId :

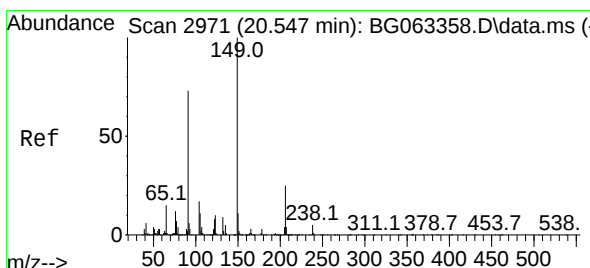
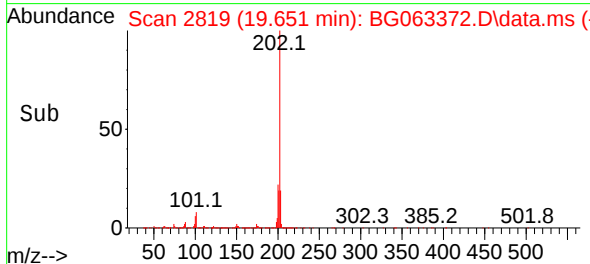
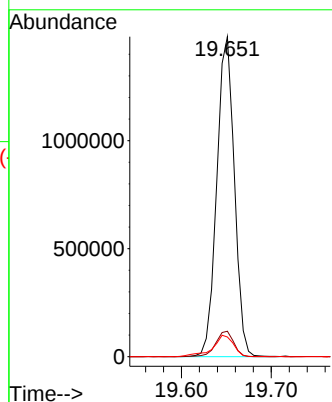
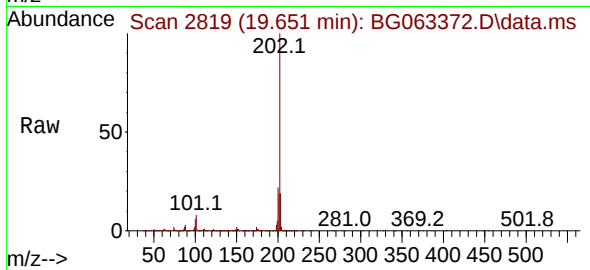
Tgt Ion:202 Resp: 2012341

Ion Ratio Lower Upper

202 100

101 8.0 4.9 7.3#

100 6.2 4.4 6.6



#83

Butylbenzylphthalate

Concen: 36.156 ng/ul

RT: 20.544 min Scan# 2971

Delta R.T. -0.006 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

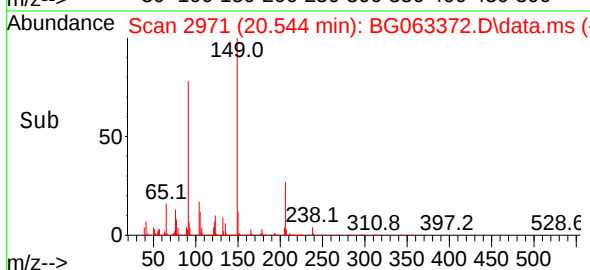
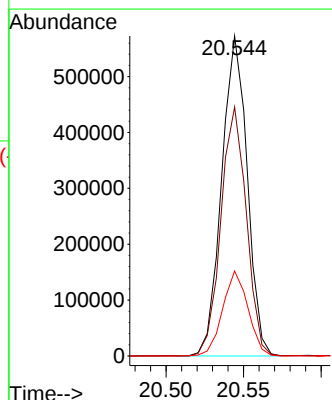
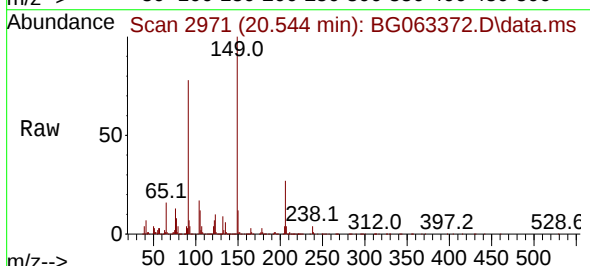
Tgt Ion:149 Resp: 654844

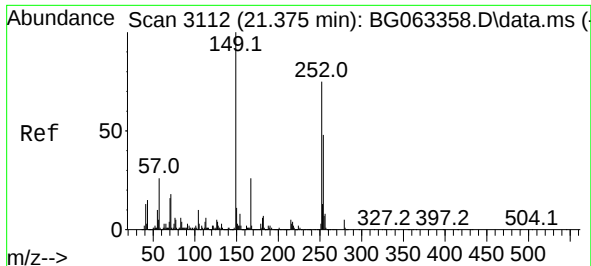
Ion Ratio Lower Upper

149 100

91 77.8 59.8 89.6

206 26.6 24.2 36.2

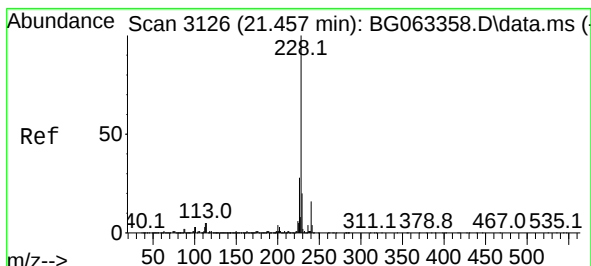
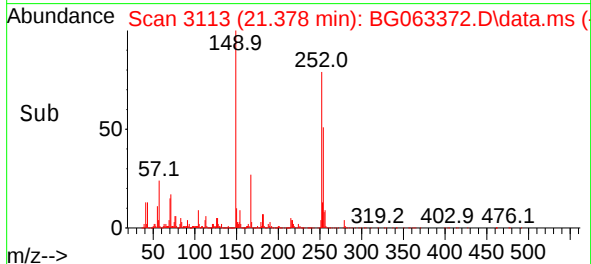
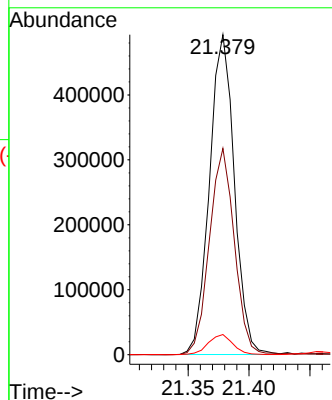
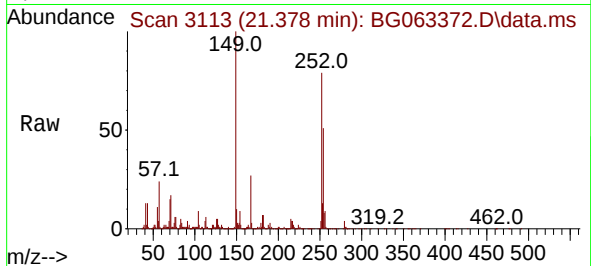




#84
 3,3'-Dichlorobenzidine
 Concen: 30.204 ng/ul
 RT: 21.378 min Scan# 3112
 Delta R.T. -0.006 min
 Lab File: BG063372.D
 Acq: 14 Nov 2024 2:17

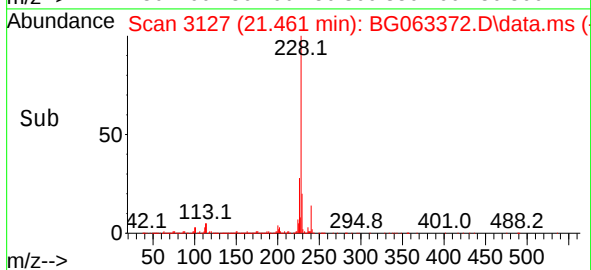
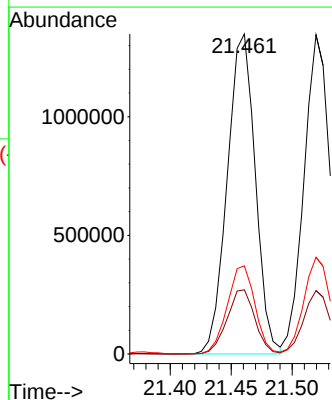
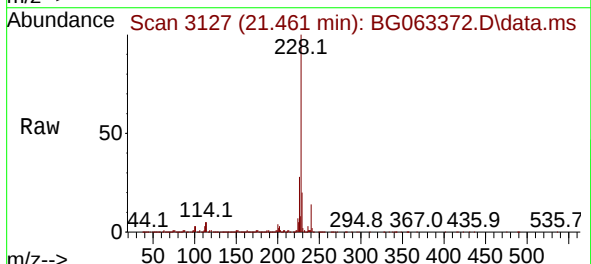
Instrument :
 BNA_G
 ClientSampleId :

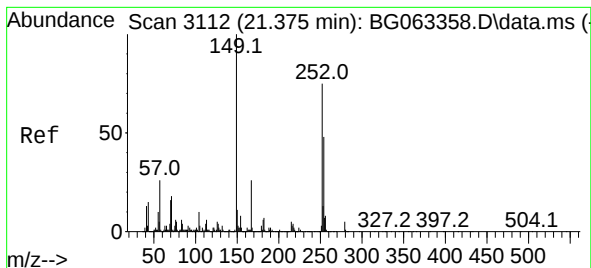
Tgt Ion:252 Resp: 700676
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.9 77.9
 126 6.3 4.1 6.1#



#85
 Benzo(a)anthracene
 Concen: 31.654 ng/ul
 RT: 21.461 min Scan# 3127
 Delta R.T. 0.000 min
 Lab File: BG063372.D
 Acq: 14 Nov 2024 2:17

Tgt Ion:228 Resp: 2160104
 Ion Ratio Lower Upper
 228 100
 229 20.0 15.9 23.9
 226 27.6 21.4 32.2

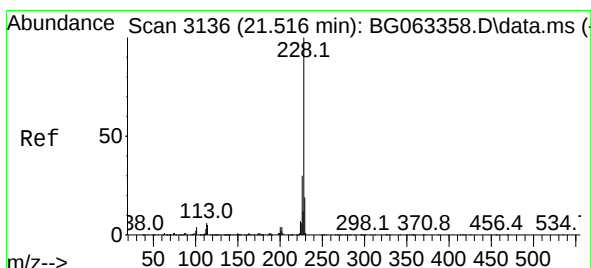
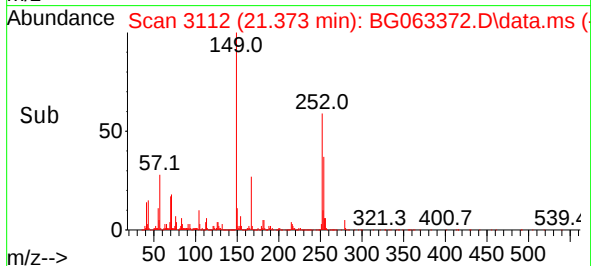
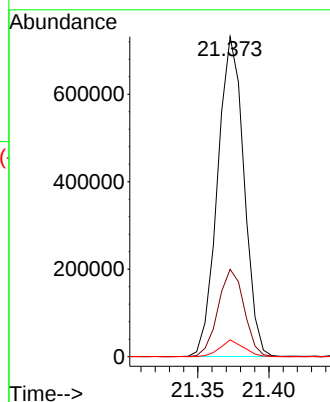
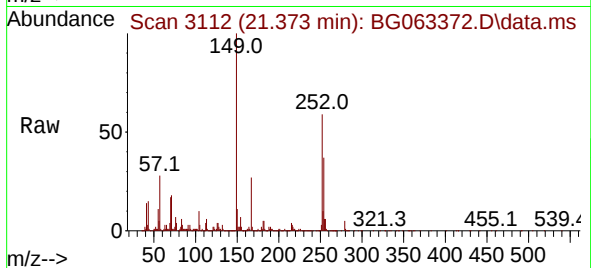




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 35.774 ng/ul
 RT: 21.373 min Scan# 3112
 Delta R.T. -0.006 min
 Lab File: BG063372.D
 Acq: 14 Nov 2024 2:17

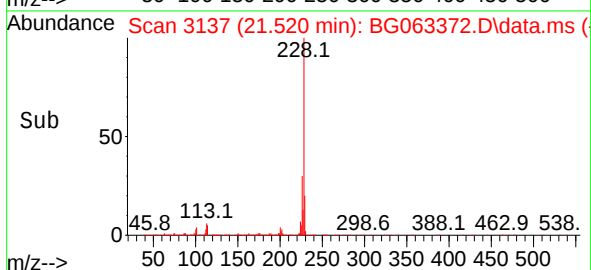
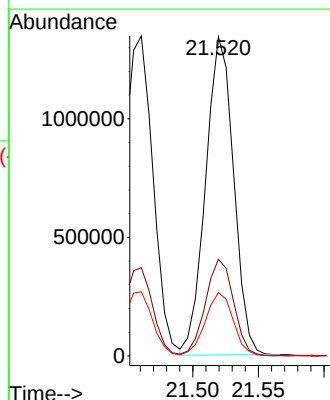
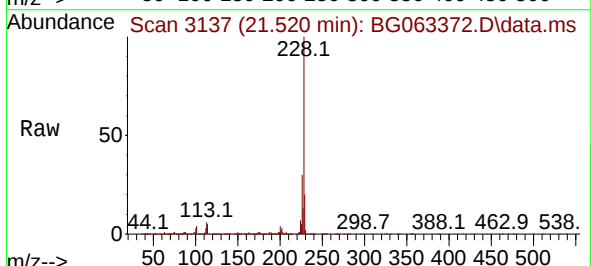
Instrument :
 BNA_G
 ClientSampleId :

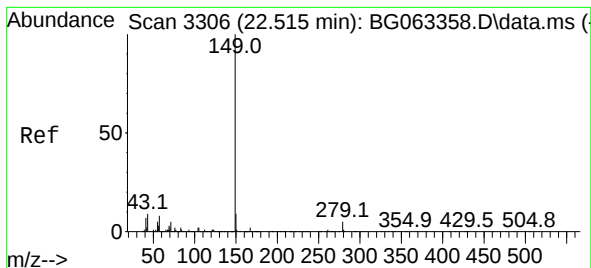
Tgt Ion:149 Resp: 943743
 Ion Ratio Lower Upper
 149 100
 167 27.3 20.6 31.0
 279 5.2 4.2 6.4



#87
 Chrysene
 Concen: 31.341 ng/ul
 RT: 21.520 min Scan# 3137
 Delta R.T. -0.005 min
 Lab File: BG063372.D
 Acq: 14 Nov 2024 2:17

Tgt Ion:228 Resp: 1993998
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.1 36.1
 229 19.8 16.6 24.8





#89

Di-n-octyl phthalate

Concen: 36.637 ng/ul

RT: 22.518 min Scan# 3306

Delta R.T. -0.006 min

Lab File: BG063372.D

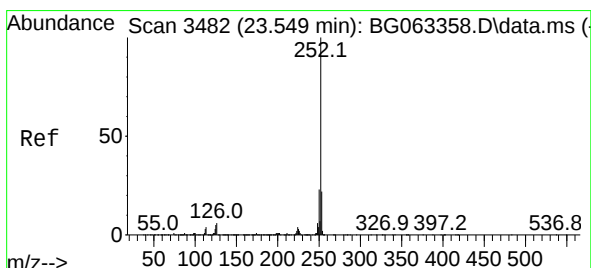
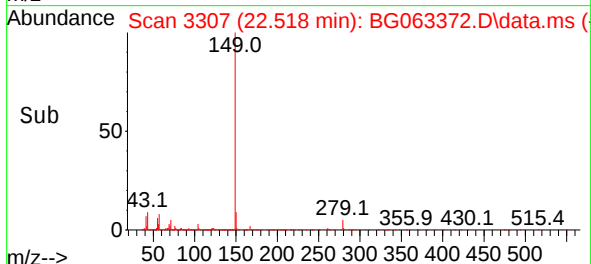
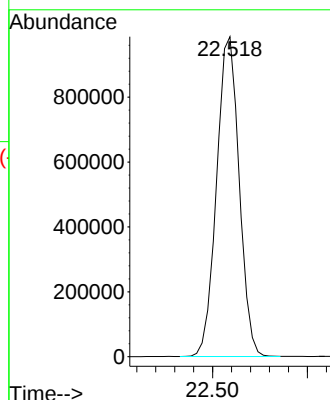
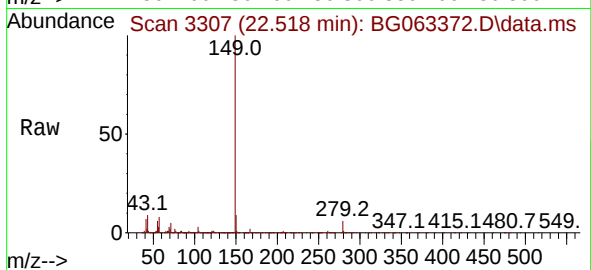
Acq: 14 Nov 2024 2:17

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:149 Resp: 1632600



#90

Benzo(b)fluoranthene

Concen: 31.752 ng/ul

RT: 23.552 min Scan# 3483

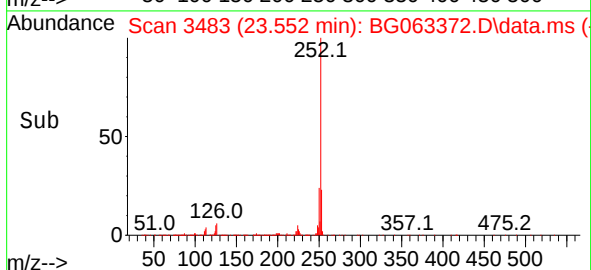
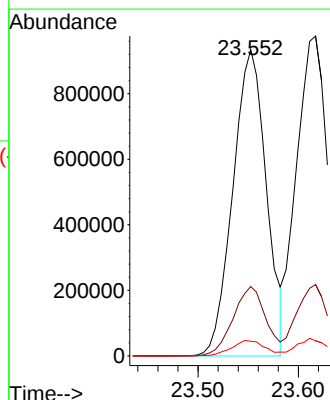
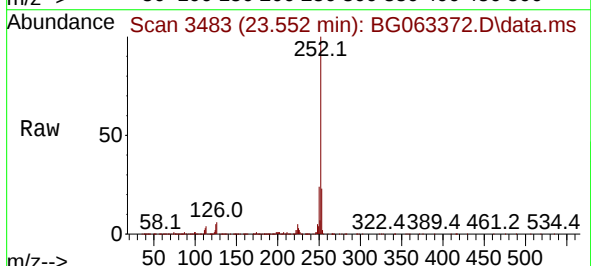
Delta R.T. -0.006 min

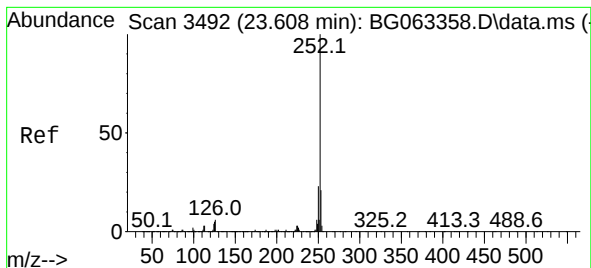
Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

Tgt Ion:252 Resp: 2160288

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	4.8	3.4	5.0





#91

Benzo(k)fluoranthene

Concen: 31.579 ng/ul

RT: 23.617 min Scan# 3494

Delta R.T. 0.000 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

Instrument :

BNA_G

ClientSampleId :

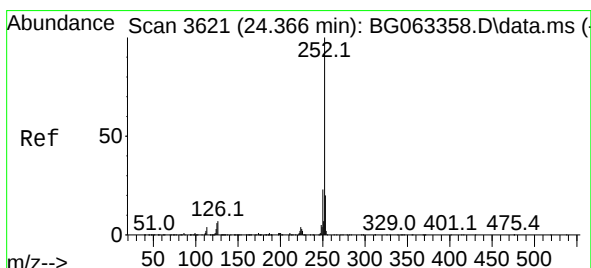
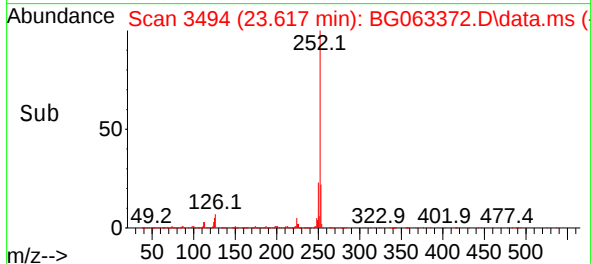
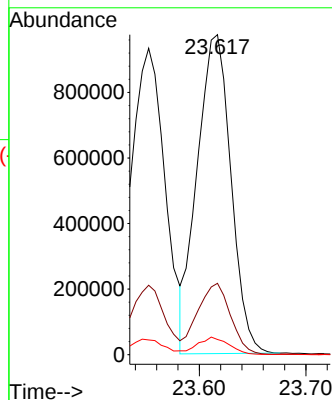
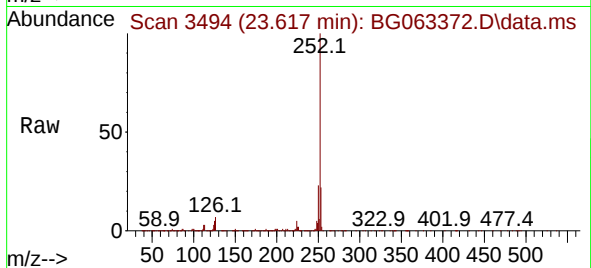
Tgt Ion:252 Resp: 2140004

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 4.8 3.3 4.9



#93

Benzo(a)pyrene

Concen: 31.064 ng/ul

RT: 24.369 min Scan# 3622

Delta R.T. 0.000 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

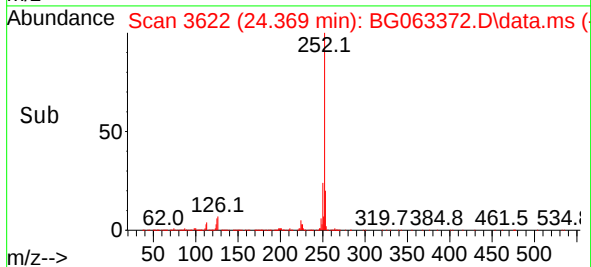
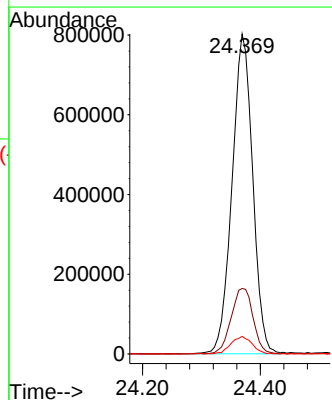
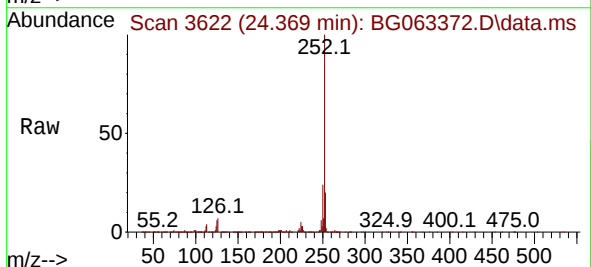
Tgt Ion:252 Resp: 1954966

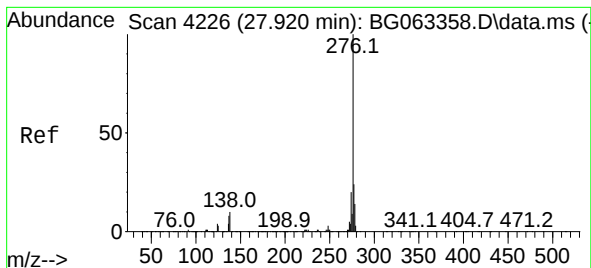
Ion Ratio Lower Upper

252 100

253 20.5 15.8 23.6

125 5.5 3.4 5.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 31.447 ng/ul

RT: 27.936 min Scan# 41

Delta R.T. 0.012 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

Instrument :

BNA_G

ClientSampleId :

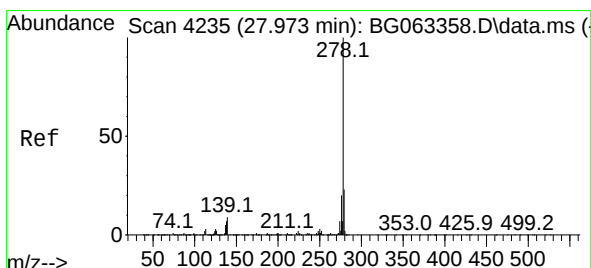
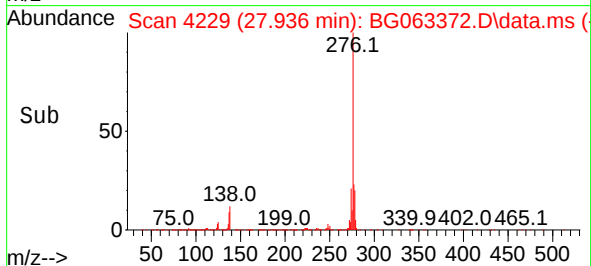
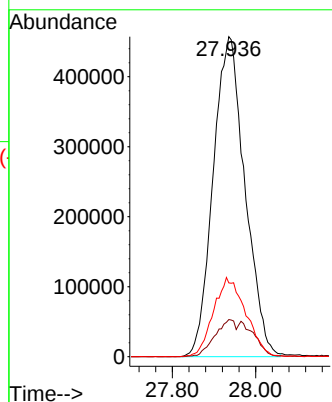
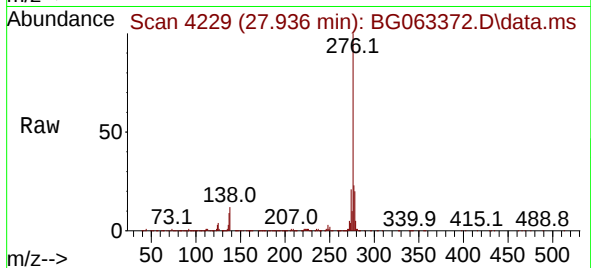
Tgt Ion:276 Resp: 2427565

Ion Ratio Lower Upper

276 100

138 11.6 7.5 11.3#

277 23.1 17.4 26.0



#95

Dibenzo(a,h)anthracene

Concen: 32.024 ng/ul

RT: 27.983 min Scan# 4237

Delta R.T. 0.006 min

Lab File: BG063372.D

Acq: 14 Nov 2024 2:17

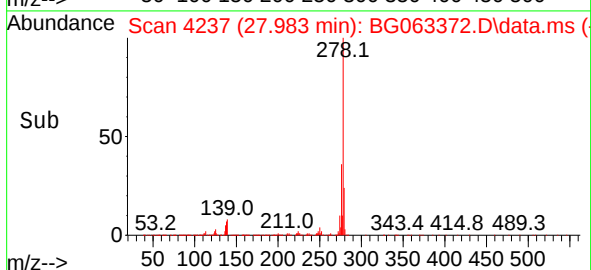
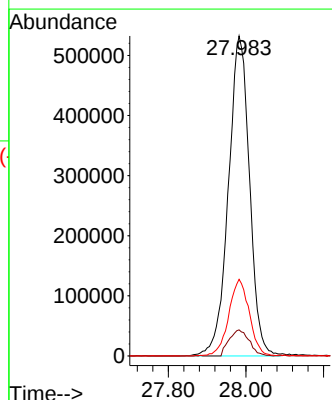
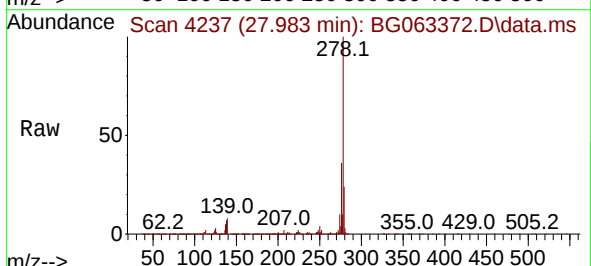
Tgt Ion:278 Resp: 2015451

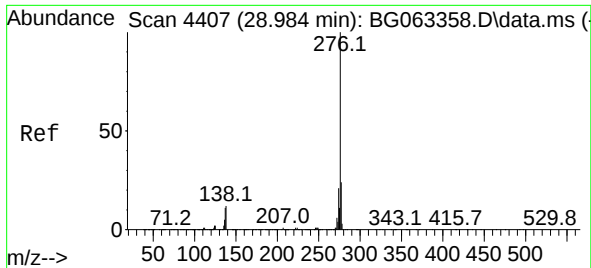
Ion Ratio Lower Upper

278 100

139 8.1 5.0 7.6#

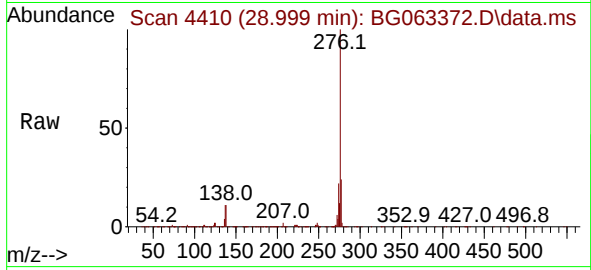
279 24.0 19.7 29.5





#96
Benzo(g,h,i)perylene
Concen: 32.131 ng/ul
RT: 28.999 min Scan# 4410
Delta R.T. 0.006 min
Lab File: BG063372.D
Acq: 14 Nov 2024 2:17

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:276 Resp: 1880534
Ion Ratio Lower Upper
276 100
138 11.4 8.1 12.1
277 24.3 18.6 27.8

