

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
 Data File : BG063373.D
 Acq On : 14 Nov 2024 2:55
 Operator : RC/JU
 Sample : PB164835BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 14 03:35:04 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	7.831	152	113682	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.622	136	483764	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.470	164	410045	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.220	188	1037446	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.480	240	1073735	20.000	ng/ul	0.00
88) Perylene-d12	24.511	264	1111404	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	15871	6.313	ng/uL	0.00
4) Pyridine-d5	3.700	84	235573	28.349	ng/ul	-0.01
7) Phenol-d5	7.008	99	307004	29.928	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.167	67	185833	30.885	ng/ul	0.00
11) 2-Chlorophenol-d4	7.367	132	215919	32.429	ng/ul	-0.01
15) 4-Methylphenol-d8	8.542	113	257601	29.627	ng/ul	0.00
21) Nitrobenzene-d5	8.988	128	111339	32.737	ng/ul	0.00
24) 2-Nitrophenol-d4	9.705	143	142319	32.377	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.246	165	283506	32.866	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	297642	26.491	ng/ul	0.00
46) Dimethylphthalate-d6	13.877	166	928995	28.924	ng/ul	0.00
49) Acenaphthylene-d8	14.165	160	1024764	32.597	ng/ul	0.00
54) 4-Nitrophenol-d4	14.682	143	147771	33.603	ng/ul	0.00
60) Fluorene-d10	15.463	176	847619	31.269	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.598	200	213773	32.787	ng/ul	0.00
73) Anthracene-d10	17.320	188	1422728	31.908	ng/ul	0.00
81) Pyrene-d10	19.623	212	1863699	34.619	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.306	264	1809014	33.713	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.336	88	32133	10.382	ng/uL#	73
5) Pyridine	3.724	79	233178	27.503	ng/ul	95
6) Benzaldehyde	6.973	77	120649	21.280	ng/ul	96
8) Phenol	7.032	94	326497	29.207	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.255	93	216360	28.458	ng/ul	88
12) 2-Chlorophenol	7.402	128	218059	30.617	ng/ul	97
13) 2-Methylphenol	8.277	108	243409	29.809	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.354	45	302430	31.472	ng/ul	97
16) Acetophenone	8.647	105	379344	27.097	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.636	70	223480	27.367	ng/ul	96
18) 4-Methylphenol	8.606	108	269587	29.034	ng/ul	95
19) Hexachloroethane	8.906	117	91805	31.809	ng/ul	90
22) Nitrobenzene	9.029	77	330522	31.518	ng/ul	92
23) Isophorone	9.552	82	626198	28.293	ng/ul	98
25) 2-Nitrophenol	9.740	139	145520	33.490	ng/ul	94
26) 2,4-Dimethylphenol	9.799	107	236397	24.942	ng/ul	90
27) Bis(2-Chloroethoxy)met...	10.034	93	324810	30.442	ng/ul	96
29) 2,4-Dichlorophenol	10.275	162	259809	31.948	ng/ul	96
30) Naphthalene	10.669	128	759980	30.703	ng/ul	99
32) 4-Chloroaniline	10.780	127	219450	20.407	ng/ul	99
33) Hexachlorobutadiene	10.957	225	222438	28.579	ng/ul	97
34) Caprolactam	11.585	113	25678	7.597	ng/ul	88
35) 4-Chloro-3-methylphenol	11.914	107	289975	29.717	ng/ul	92
36) 2-Methylnaphthalene	12.284	142	576087	29.364	ng/ul	99

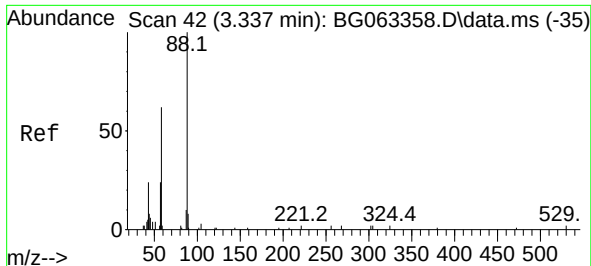
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 Quant Title : SVOA CALIBRATION
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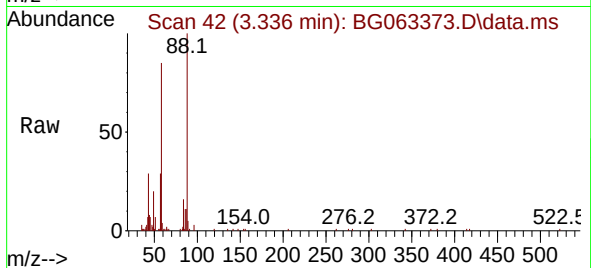
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.502	142	573054	28.089	ng/ul	90
39) 1,2,4,5-Tetrachloroben...	12.655	216	450624	31.175	ng/ul	100
40) Hexachlorocyclopentadiene	12.637	237	169888	21.524	ng/ul	97
41) 2,4,6-Trichlorophenol	12.901	196	241682	30.975	ng/ul	97
42) 2,4,5-Trichlorophenol	12.978	196	269235	31.821	ng/ul	93
43) 1,1'-Biphenyl	13.301	154	847771	32.617	ng/ul	99
44) 2-Chloronaphthalene	13.342	162	650312	32.138	ng/ul	97
45) 2-Nitroaniline	13.548	65	231236	33.501	ng/ul	95
47) Dimethylphthalate	13.924	163	877172	28.483	ng/ul	97
48) 2,6-Dinitrotoluene	14.047	165	183718	31.174	ng/ul	98
50) Acenaphthylene	14.194	152	1018182	32.513	ng/ul	97
51) 3-Nitroaniline	14.376	138	168730	32.801	ng/ul#	96
52) Acenaphthene	14.535	153	712960	31.809	ng/ul	96
53) 2,4-Dinitrophenol	14.588	184	114491	29.467	ng/ul	96
55) 4-Nitrophenol	14.705	109	161419	28.242	ng/ul	96
56) Dibenzofuran	14.870	168	1052952	30.689	ng/ul	100
57) 2,4-Dinitrotoluene	14.840	165	280193	30.061	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.105	232	241399	27.549	ng/ul#	93
59) Diethylphthalate	15.293	149	881451	27.916	ng/ul	99
61) Fluorene	15.522	166	903392	31.110	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.516	204	545804	29.246	ng/ul	95
63) 4-Nitroaniline	15.545	138	187093	35.935	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.610	198	222868	32.937	ng/ul#	96
67) N-Nitrosodiphenylamine	15.727	169	757703	32.739	ng/ul	98
68) 4-Bromophenyl-phenylether	16.409	248	378847	31.943	ng/ul	96
69) Hexachlorobenzene	16.532	284	396904	31.413	ng/ul	97
70) Atrazine	16.679	200	161659	12.768	ng/ul	99
71) Pentachlorophenol	16.879	266	156025	24.632	ng/ul#	85
72) Phenanthrene	17.267	178	1572589	33.177	ng/ul	99
74) Anthracene	17.355	178	1559147	32.109	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.266	216	450644	33.591	ng/ul	95
76) Pentachlorobenzene	14.793	250	450137	31.464	ng/ul	98
77) Carbazole	17.625	167	1327369	32.925	ng/ul	97
78) Di-n-butylphthalate	18.189	149	1544467	33.679	ng/ul	99
80) Fluoranthene	19.282	202	2004712	34.451	ng/ul#	97
82) Pyrene	19.646	202	2103640	34.106	ng/ul#	95
83) Butylbenzylphthalate	20.545	149	678208	37.624	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.380	252	745558	32.291	ng/ul	98
85) Benzo(a)anthracene	21.456	228	2227309	32.794	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.374	149	963658	36.702	ng/ul	99
87) Chrysene	21.521	228	2047432	32.334	ng/ul	99
89) Di-n-octyl phthalate	22.519	149	1658065	37.858	ng/ul	100
90) Benzo(b)fluoranthene	23.554	252	2248172	33.620	ng/ul	99
91) Benzo(k)fluoranthene	23.618	252	2227107	33.437	ng/ul	98
93) Benzo(a)pyrene	24.370	252	2000872	32.348	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	27.937	276	2502970	32.990	ng/ul	96
95) Dibenzo(a,h)anthracene	27.990	278	2045499	33.069	ng/ul#	97
96) Benzo(g,h,i)perylene	29.006	276	1906186	33.137	ng/ul	99

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

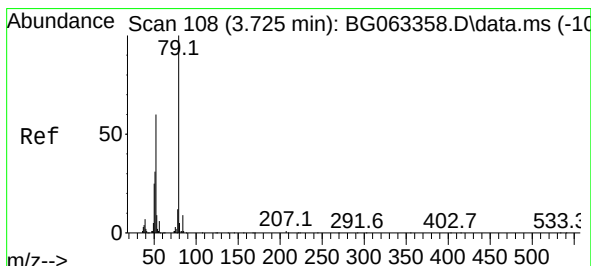
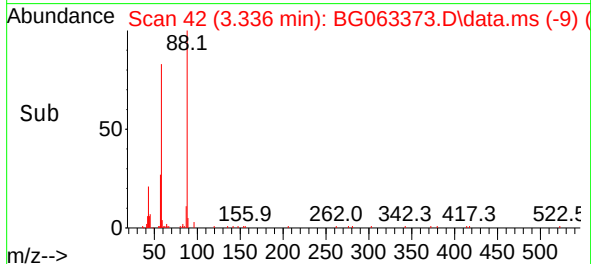
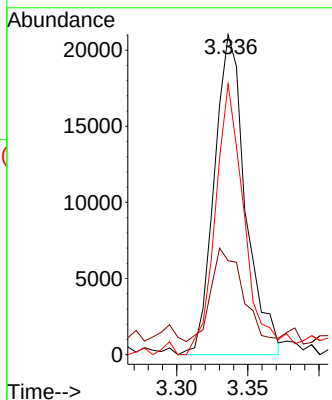


#2
1,4-Dioxane
Concen: 10.382 ng/uL
RT: 3.336 min Scan# 41
Delta R.T. -0.004 min
Lab File: BG063373.D
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Instrument :
BNA_G
ClientSampleId :

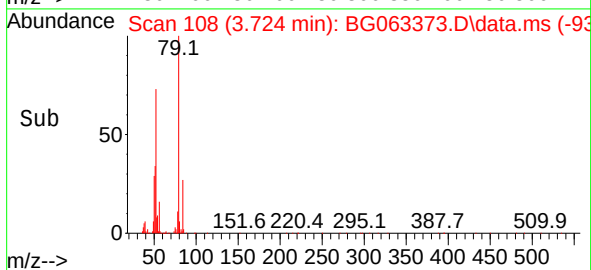
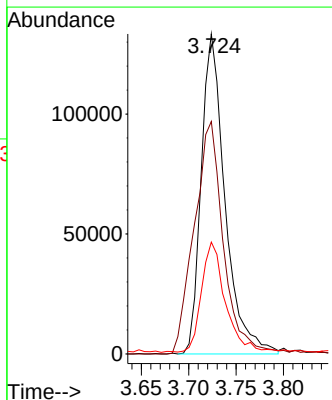
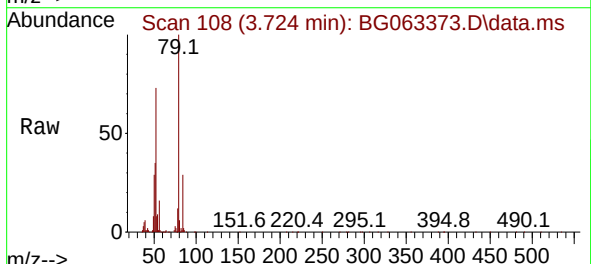


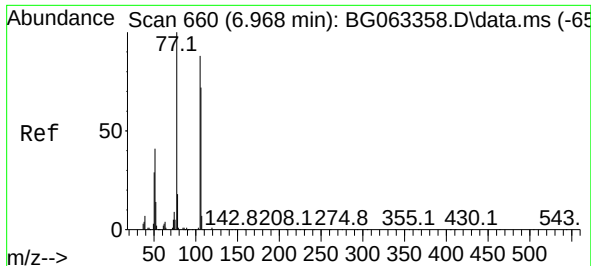
Tgt Ion: 88 Resp: 32133
Ion Ratio Lower Upper
88 100
43 29.3 29.6 44.4#
58 84.6 46.5 69.7#



#5
Pyridine
Concen: 27.503 ng/uL
RT: 3.724 min Scan# 108
Delta R.T. -0.010 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

Tgt Ion: 79 Resp: 233178
Ion Ratio Lower Upper
79 100
52 72.7 53.4 80.2
51 35.0 27.6 41.4

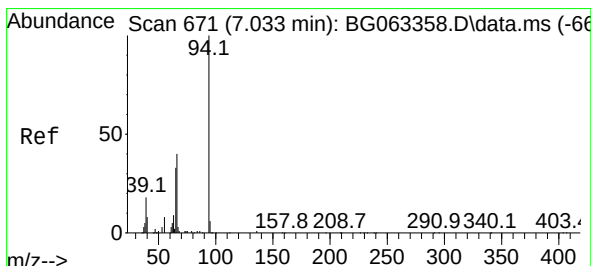
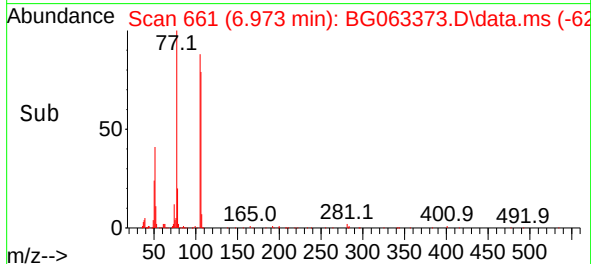
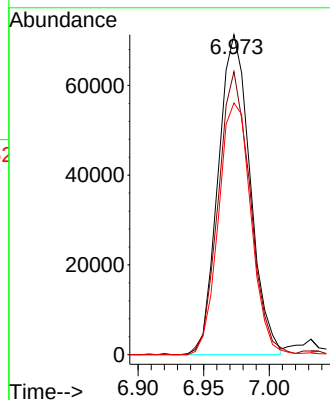
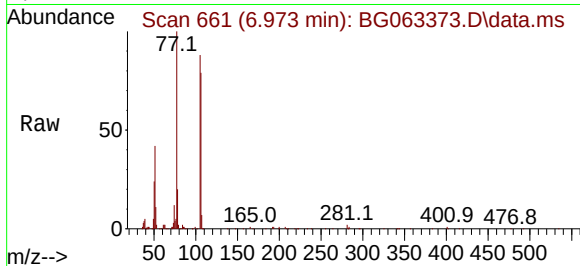




#6
Benzaldehyde
Concen: 21.280 ng/ul
RT: 6.973 min Scan# 660
Delta R.T. -0.010 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

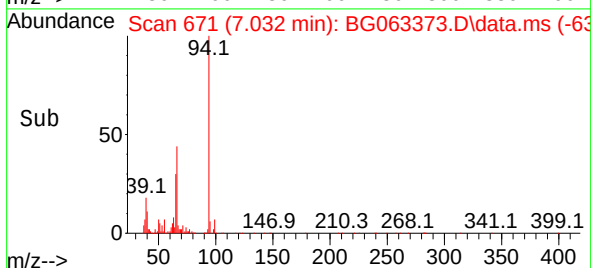
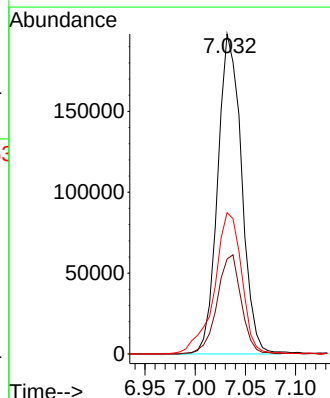
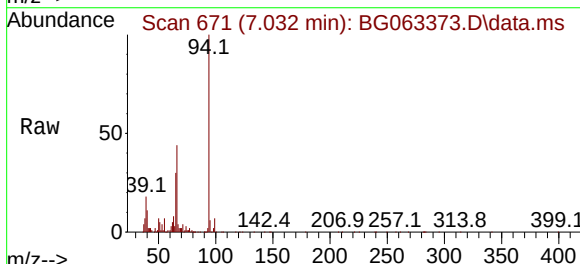
Instrument :
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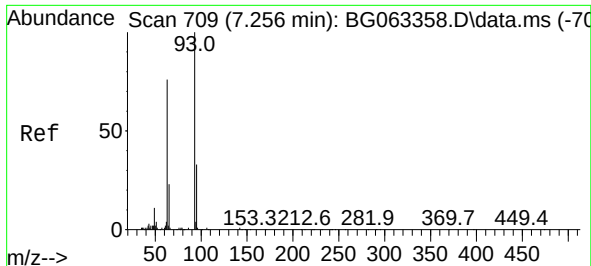
Tgt Ion: 77 Resp: 120649
Ion Ratio Lower Upper
77 100
105 88.5 69.0 103.6
106 78.6 59.6 89.4



#8
Phenol
Concen: 29.207 ng/ul
RT: 7.032 min Scan# 671
Delta R.T. -0.004 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

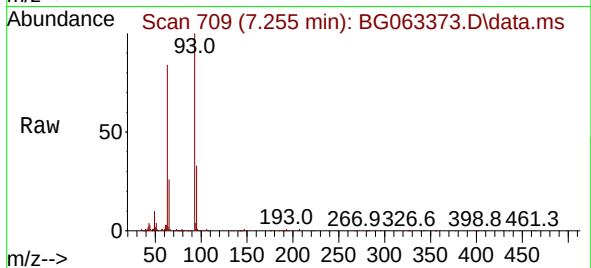
Tgt Ion: 94 Resp: 326497
Ion Ratio Lower Upper
94 100
65 29.7 30.1 45.1#
66 44.1 42.0 63.0



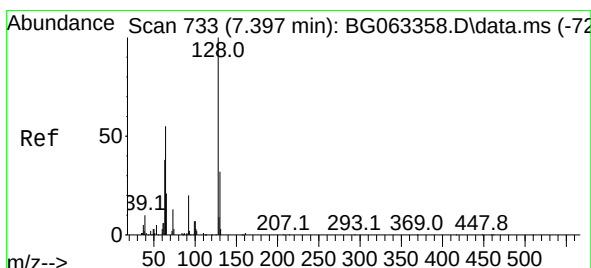
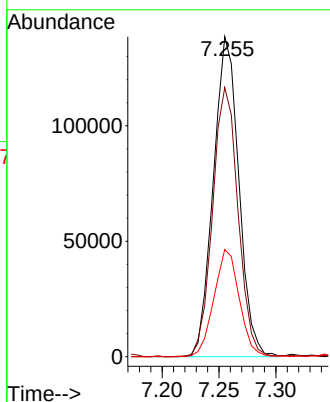
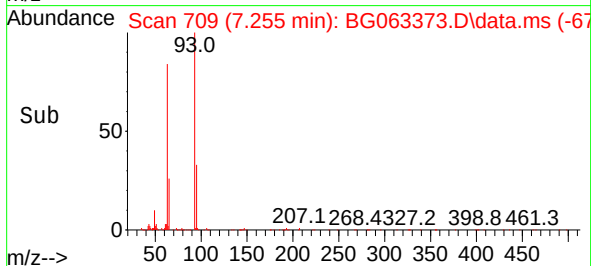


#10
Bis(2-Chloroethyl)ether
Concen: 28.458 ng/ul
RT: 7.255 min Scan# 709
Delta R.T. -0.010 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

Instrument :
BNA_G
ClientSampleId :

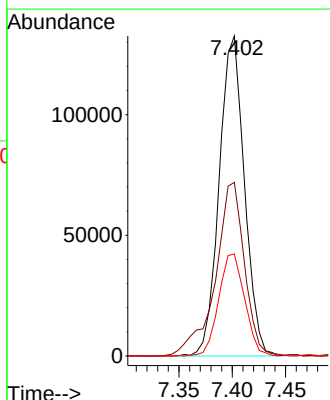
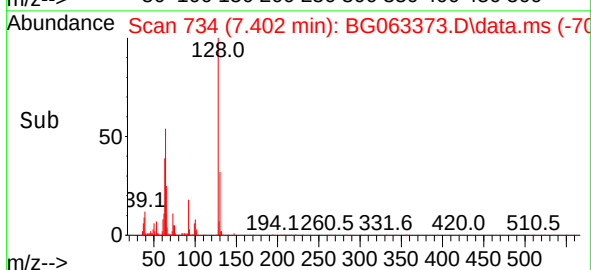
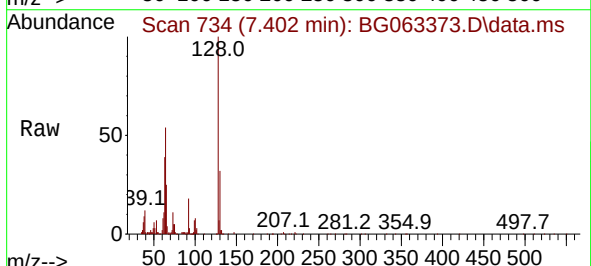


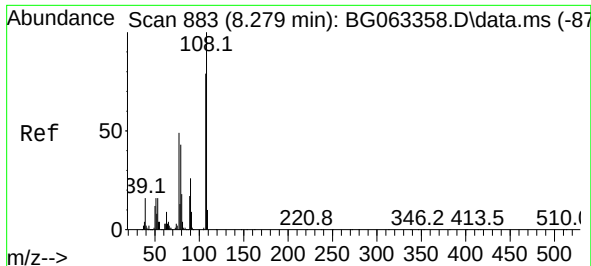
Tgt Ion: 93 Resp: 216360
Ion Ratio Lower Upper
93 100
63 84.1 56.6 84.8
95 33.5 25.0 37.6



#12
2-Chlorophenol
Concen: 30.617 ng/ul
RT: 7.402 min Scan# 734
Delta R.T. -0.004 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

Tgt Ion: 128 Resp: 218059
Ion Ratio Lower Upper
128 100
64 54.3 41.1 61.7
130 31.9 25.6 38.4





#13

2-Methylphenol

Concen: 29.809 ng/ul

RT: 8.277 min Scan# 883

Delta R.T. -0.004 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

Instrument :

BNA_G

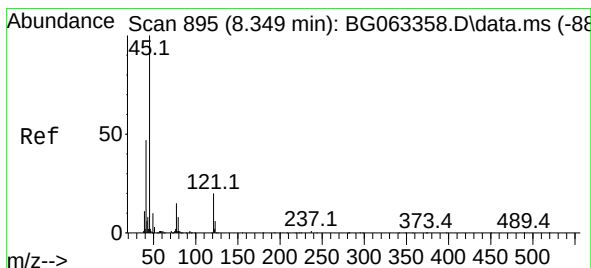
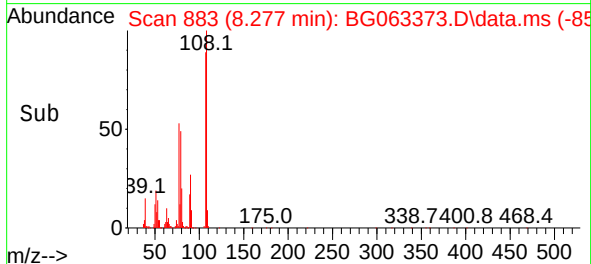
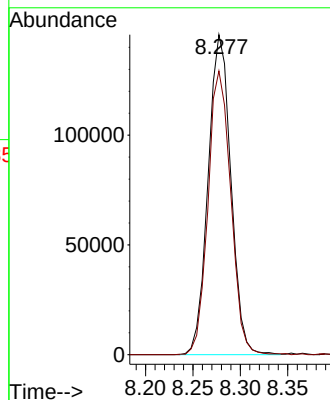
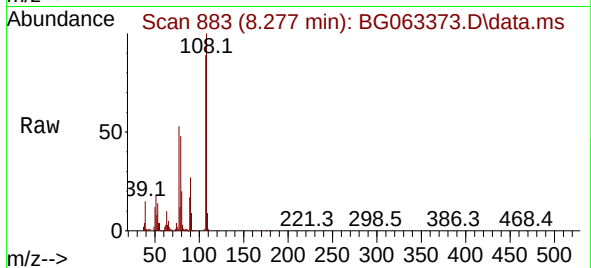
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Tgt Ion:108 Resp: 243409

Ion Ratio Lower Upper

108 100

107 88.6 64.1 96.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 31.472 ng/ul

RT: 8.354 min Scan# 896

Delta R.T. -0.004 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

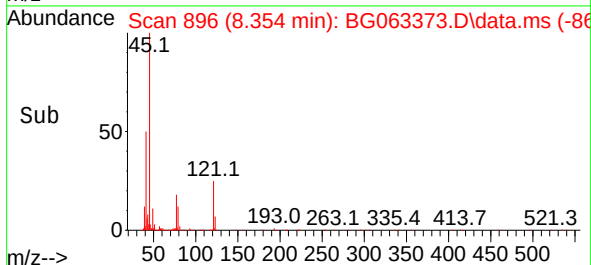
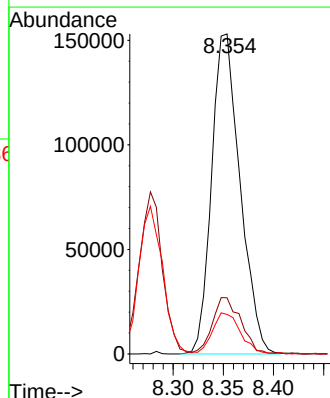
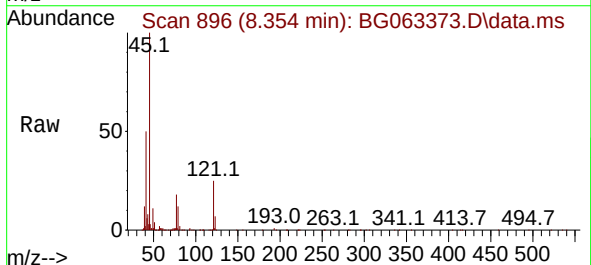
Tgt Ion: 45 Resp: 302430

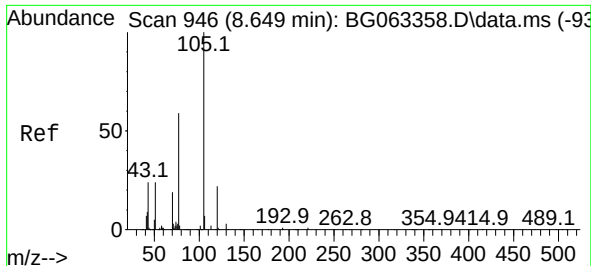
Ion Ratio Lower Upper

45 100

77 17.5 15.6 23.4

79 12.4 9.8 14.8

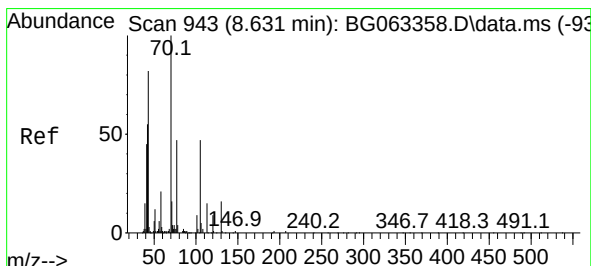
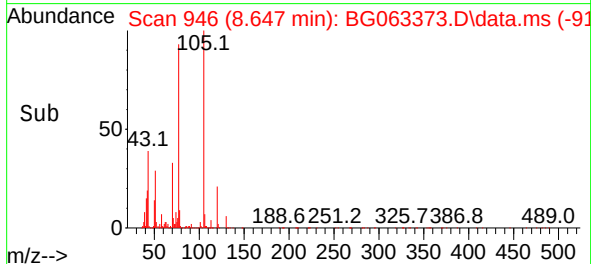
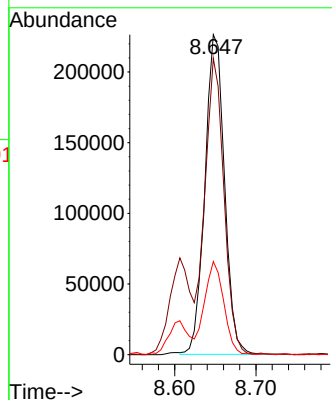
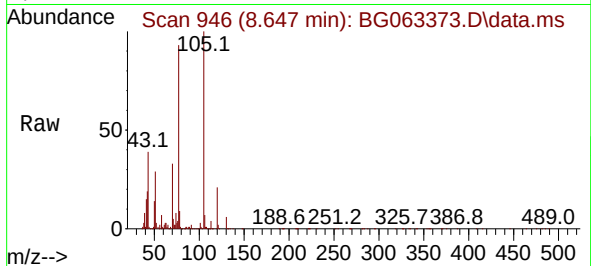




#16
Acetophenone
Concen: 27.097 ng/ul
RT: 8.647 min Scan# 946
Delta R.T. -0.010 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

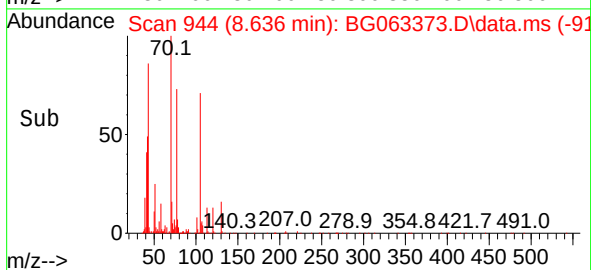
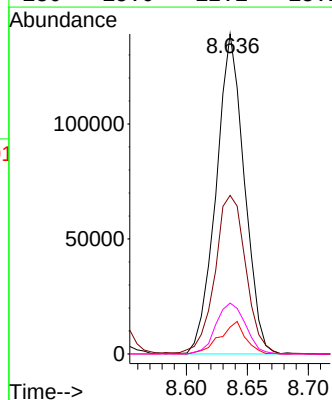
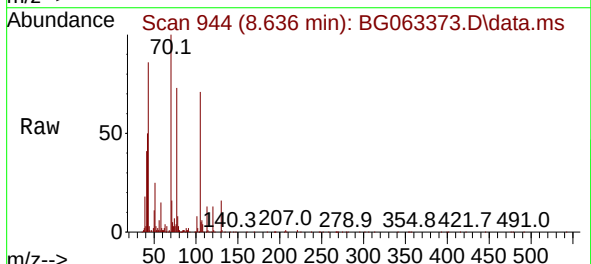
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BNA_G
ClientSampleId :

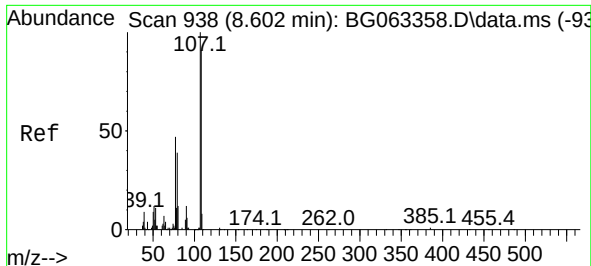
Tgt Ion:105 Resp: 379344
Ion Ratio Lower Upper
105 100
77 92.6 68.0 102.0
51 29.1 24.3 36.5



#17
N-Nitroso-di-n-propylamine
Concen: 27.367 ng/ul
RT: 8.636 min Scan# 944
Delta R.T. -0.004 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

Tgt Ion: 70 Resp: 223480
Ion Ratio Lower Upper
70 100
42 49.6 42.4 63.6
101 8.4 6.6 10.0
130 15.9 12.1 18.1

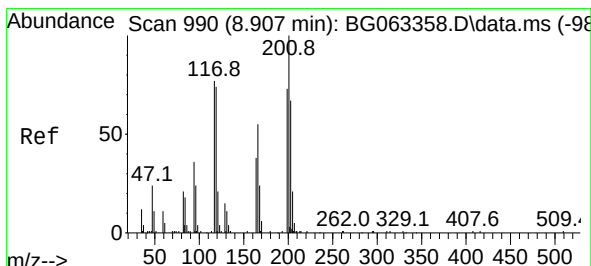
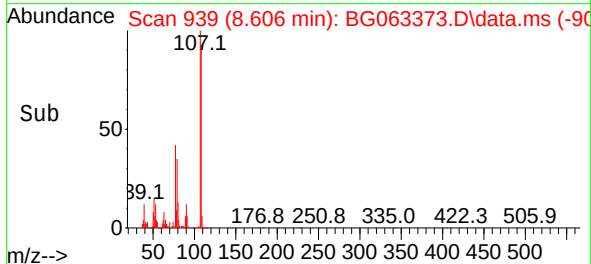
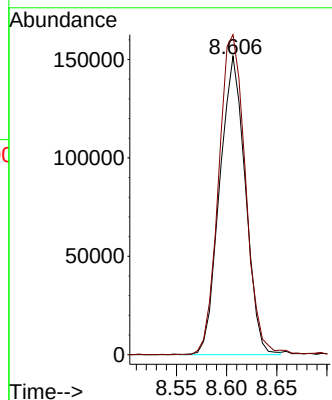
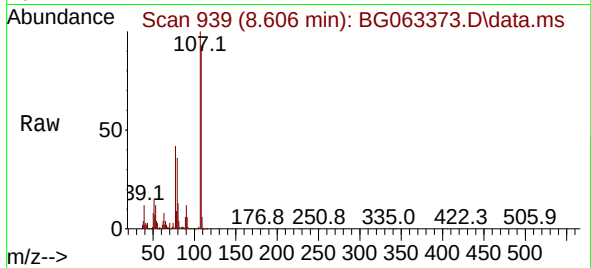




#18
4-Methylphenol
Concen: 29.034 ng/ul
RT: 8.606 min Scan# 938
Delta R.T. 0.001 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

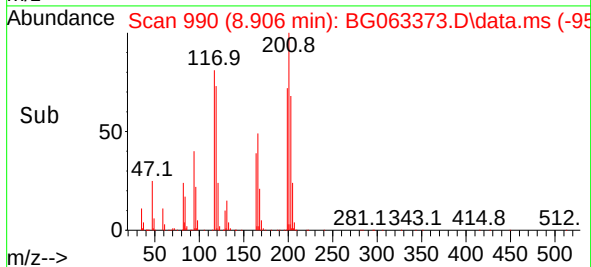
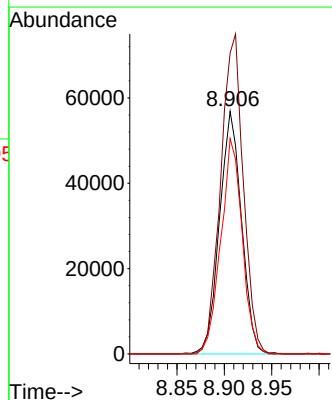
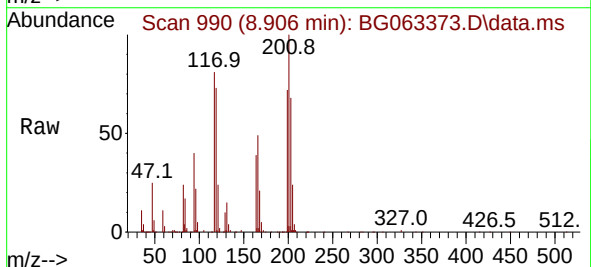
Instrument :
BNA_G
ClientSampleId :

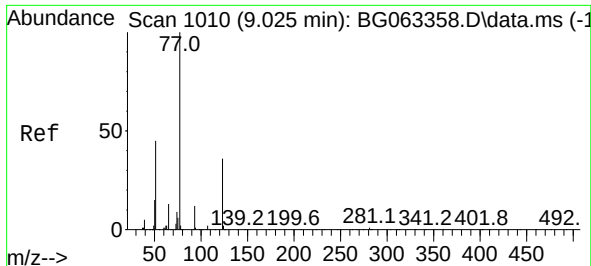
Tgt Ion:108 Resp: 269587
Ion Ratio Lower Upper
108 100
107 107.2 90.0 135.0



#19
Hexachloroethane
Concen: 31.809 ng/ul
RT: 8.906 min Scan# 990
Delta R.T. -0.010 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

Tgt Ion:117 Resp: 91805
Ion Ratio Lower Upper
117 100
201 124.0 115.5 173.3
199 88.8 70.6 105.8





#22

Nitrobenzene

Concen: 31.518 ng/ul

RT: 9.029 min Scan# 1100

Delta R.T. -0.004 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

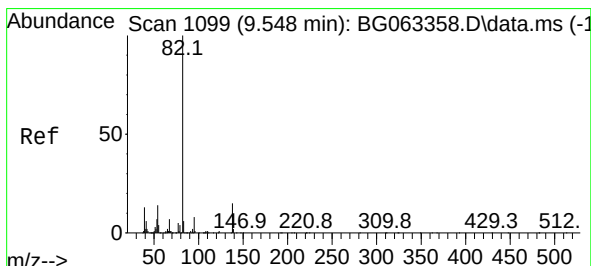
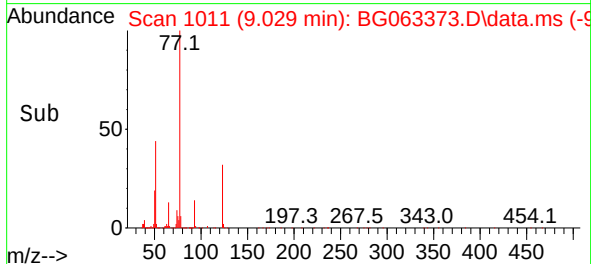
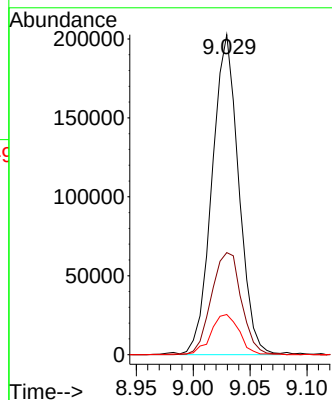
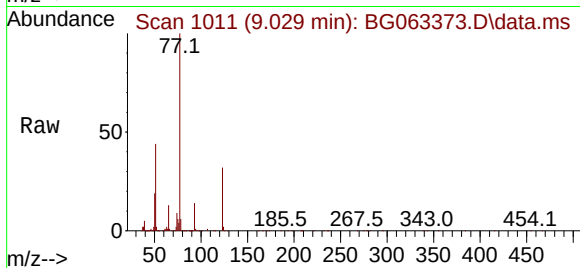
Instrument :

BNA_G

ClientSampleId :

Tgt Ion: 77 Resp: 330522

Ion	Ratio	Lower	Upper
77	100		
123	31.9	30.4	45.6
65	12.6	10.7	16.1



#23

Isophorone

Concen: 28.293 ng/ul

RT: 9.552 min Scan# 1100

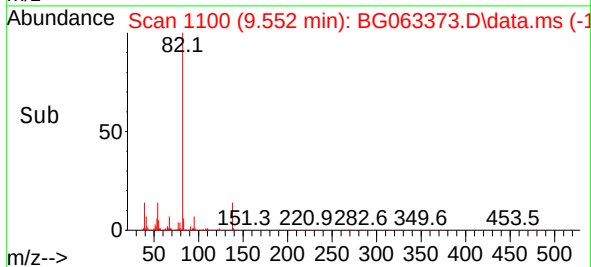
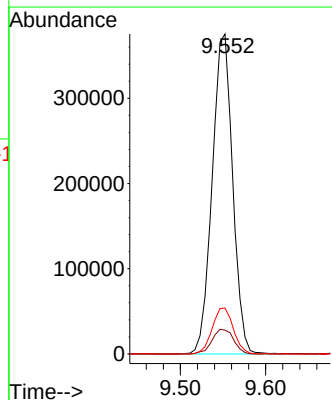
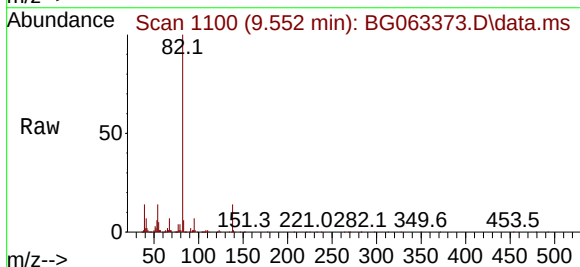
Delta R.T. -0.004 min

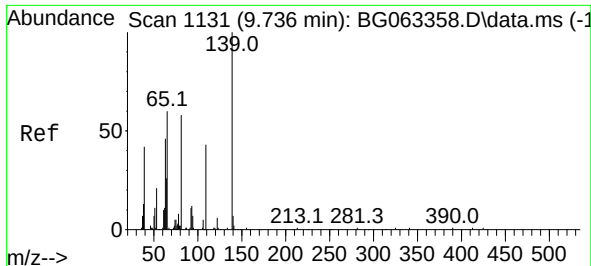
Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

Tgt Ion: 82 Resp: 626198

Ion	Ratio	Lower	Upper
82	100		
95	7.4	7.0	10.6
138	14.3	11.4	17.2





#25

2-Nitrophenol

Concen: 33.490 ng/ul

RT: 9.740 min Scan# 1131

Delta R.T. -0.010 min

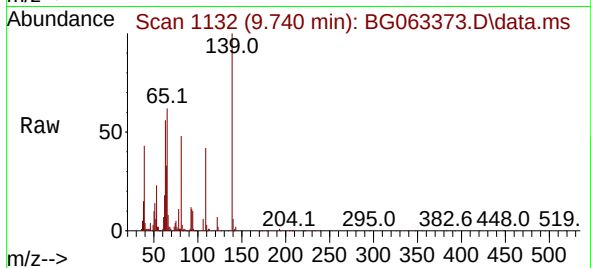
Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

Instrument :

BNA_G

ClientSampleId :



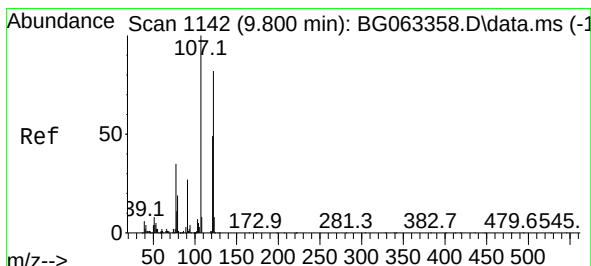
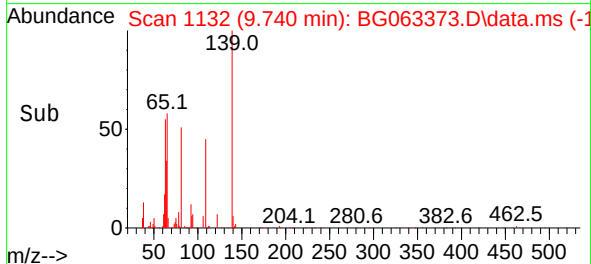
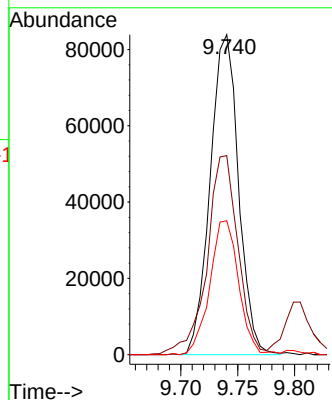
Tgt Ion:139 Resp: 145520

Ion Ratio Lower Upper

139 100

65 62.2 45.1 67.7

109 41.9 35.2 52.8



#26

2,4-Dimethylphenol

Concen: 24.942 ng/ul

RT: 9.799 min Scan# 1142

Delta R.T. -0.010 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

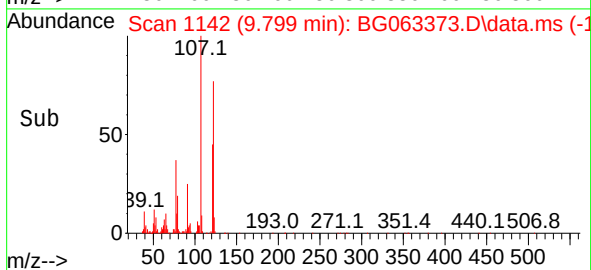
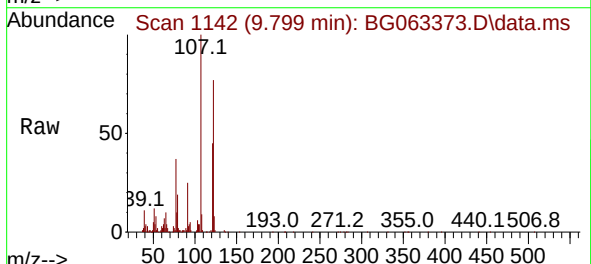
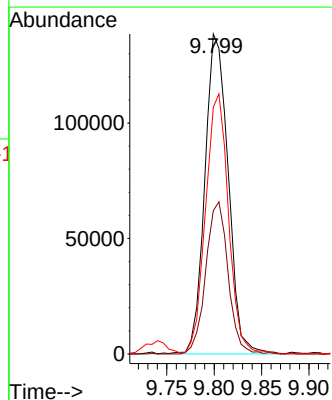
Tgt Ion:107 Resp: 236397

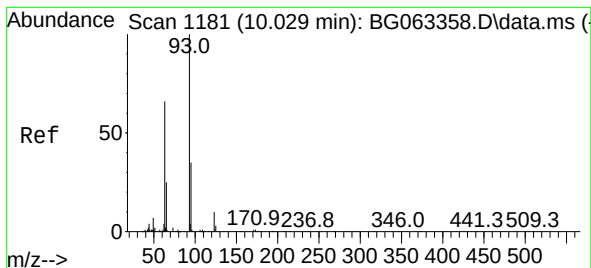
Ion Ratio Lower Upper

107 100

121 44.8 43.2 64.8

122 77.1 67.2 100.8

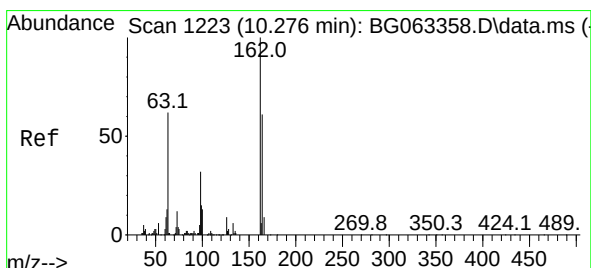
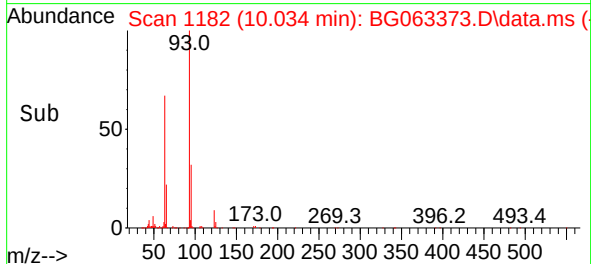
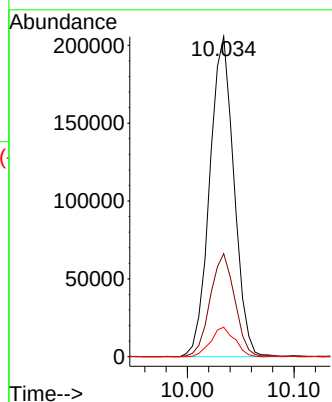
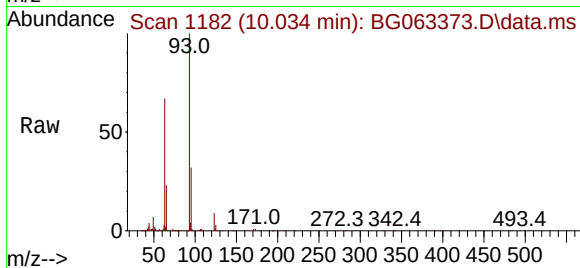




#27
 Bis(2-Chloroethoxy)methane
 Concen: 30.442 ng/ul
 RT: 10.034 min Scan# 1181
 Delta R.T. -0.010 min
 Lab File: BG063373.D
 Acq: 14 Nov 2024 2:55

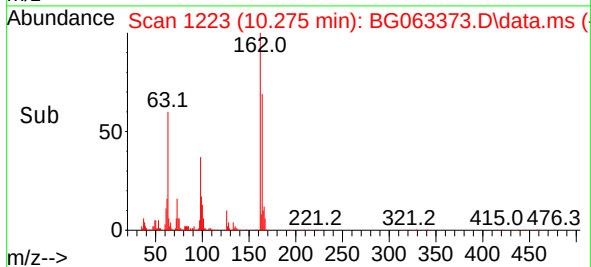
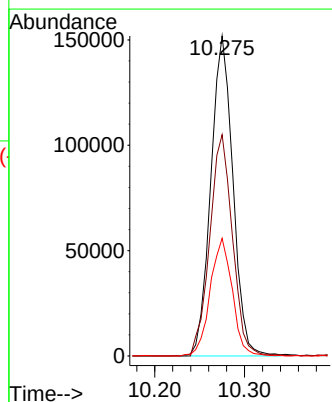
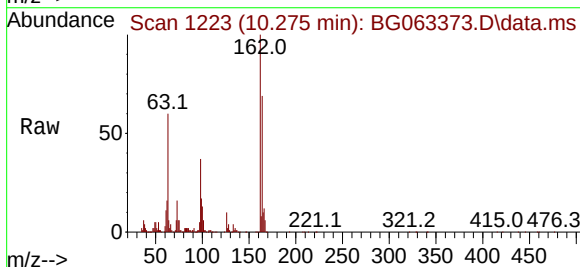
Instrument :
 BNA_G
 ClientSampleId :

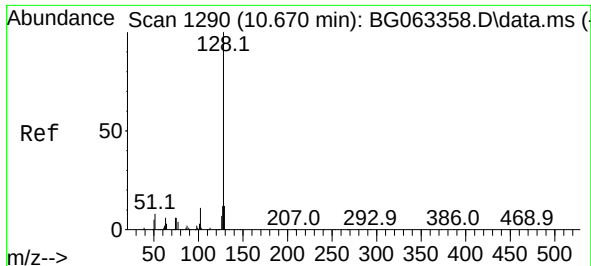
Tgt Ion: 93 Resp: 324810
 Ion Ratio Lower Upper
 93 100
 95 32.2 24.0 36.0
 123 9.2 6.4 9.6



#29
 2,4-Dichlorophenol
 Concen: 31.948 ng/ul
 RT: 10.275 min Scan# 1223
 Delta R.T. -0.010 min
 Lab File: BG063373.D
 Acq: 14 Nov 2024 2:55

Tgt Ion:162 Resp: 259809
 Ion Ratio Lower Upper
 162 100
 164 69.2 56.2 84.4
 98 36.7 24.6 36.8

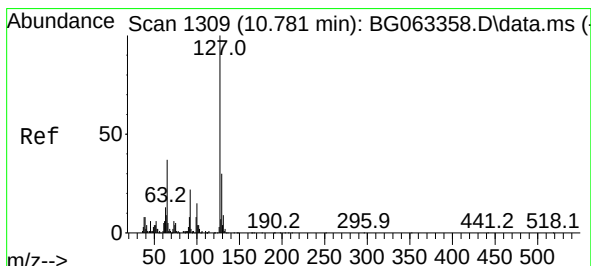
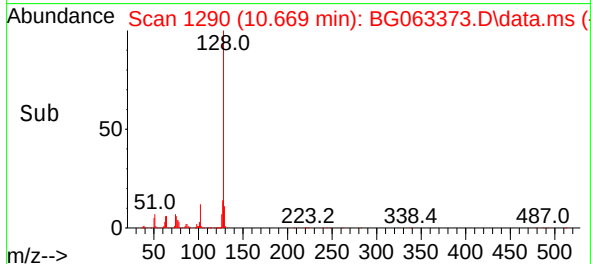
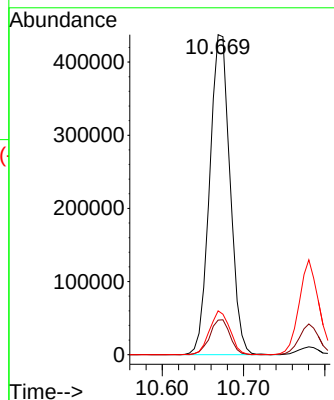
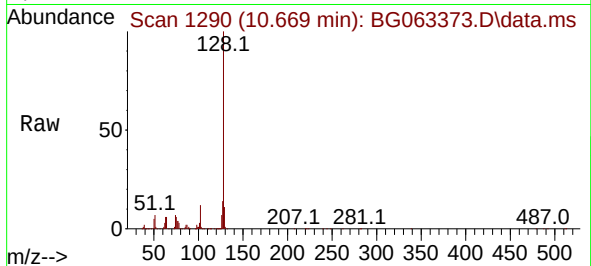




#30
Naphthalene
Concen: 30.703 ng/ul
RT: 10.669 min Scan# 1290
Delta R.T. -0.010 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

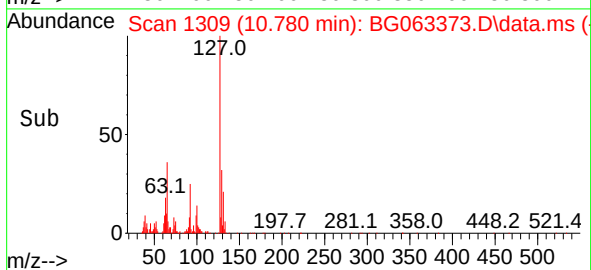
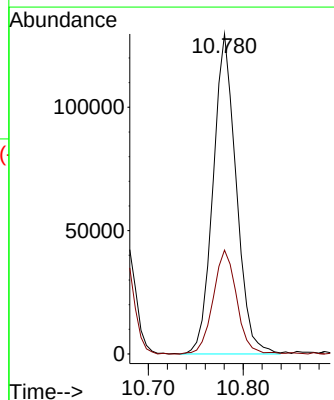
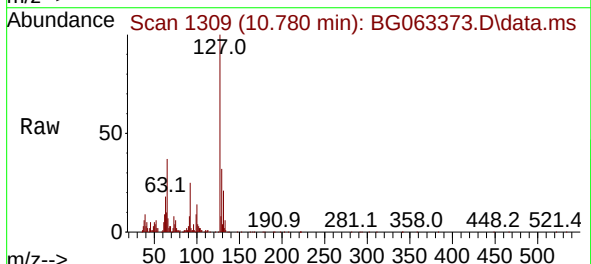
Instrument :
BNA_G
ClientSampleId :

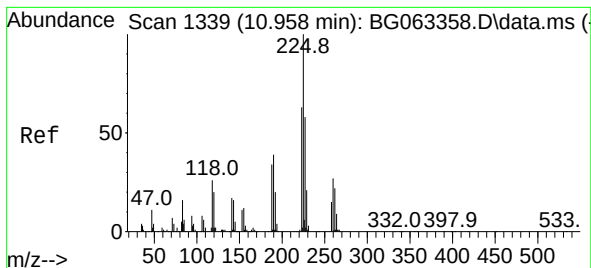
Tgt Ion:128 Resp: 759980
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.7 10.5 15.7



#32
4-Chloroaniline
Concen: 20.407 ng/ul
RT: 10.780 min Scan# 1309
Delta R.T. -0.010 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

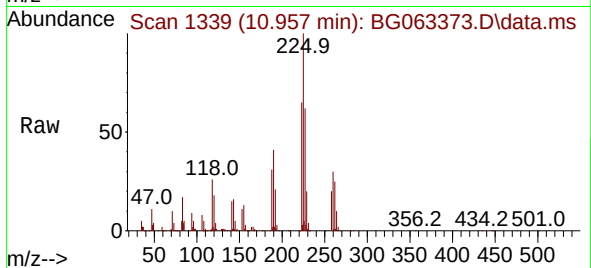
Tgt Ion:127 Resp: 219450
Ion Ratio Lower Upper
127 100
129 32.4 25.7 38.5



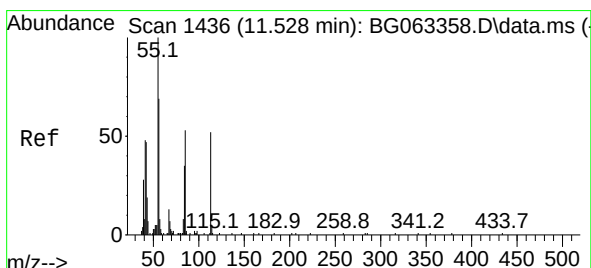
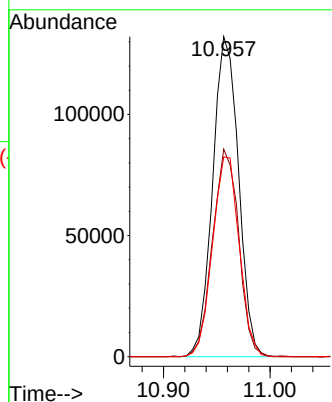
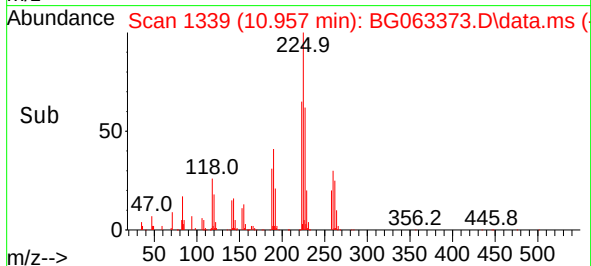


#33
Hexachlorobutadiene
Concen: 28.579 ng/ul
RT: 10.957 min Scan# 1446
Delta R.T. -0.010 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

Instrument :
BNA_G
ClientSampleId :

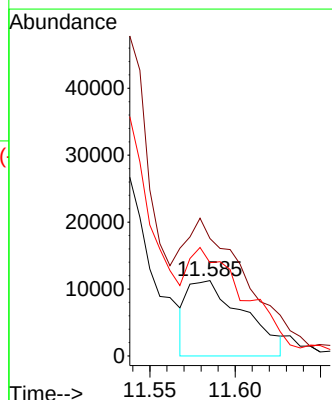
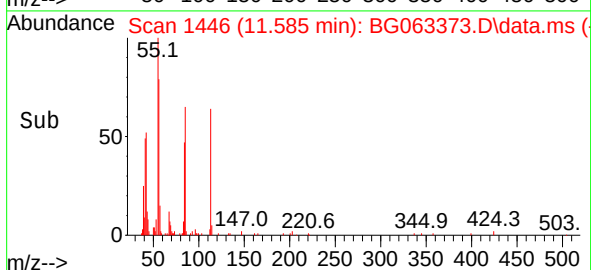
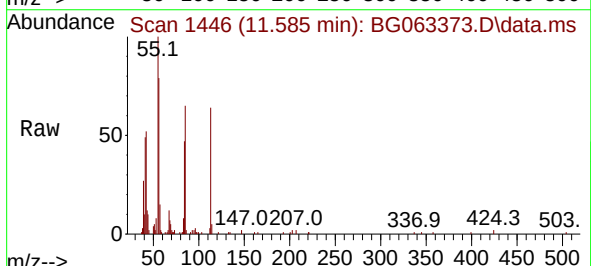


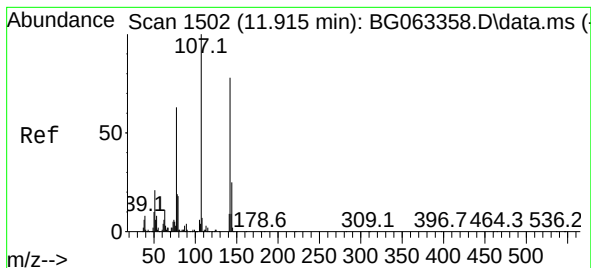
Tgt Ion:225 Resp: 222438
Ion Ratio Lower Upper
225 100
223 64.9 50.5 75.7
227 62.5 48.2 72.2



#34
Caprolactam
Concen: 7.597 ng/ul
RT: 11.585 min Scan# 1446
Delta R.T. 0.048 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

Tgt Ion:113 Resp: 25678
Ion Ratio Lower Upper
113 100
55 156.0 116.9 175.3
56 123.8 84.3 126.5

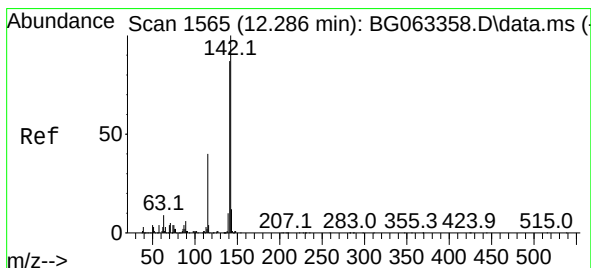
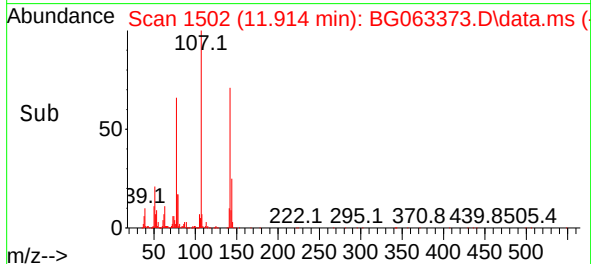
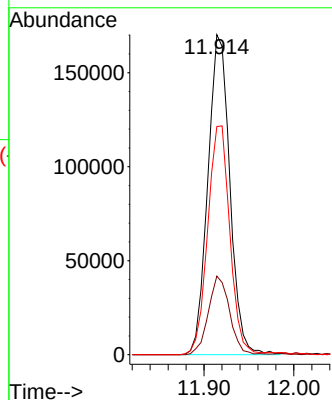
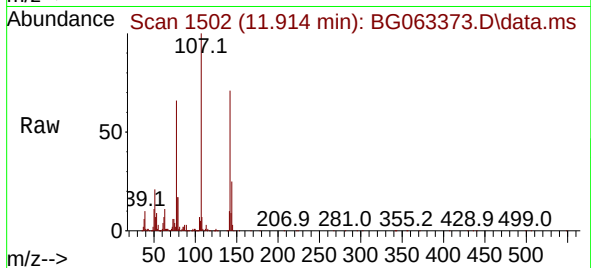




#35
4-Chloro-3-methylphenol
Concen: 29.717 ng/ul
RT: 11.914 min Scan# 1502
Delta R.T. -0.004 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

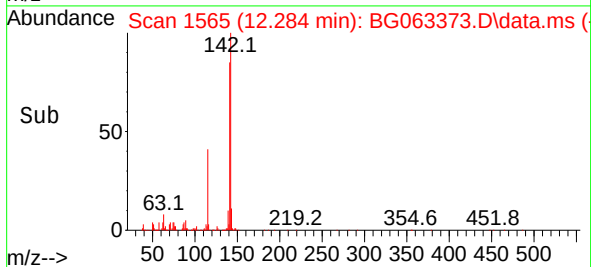
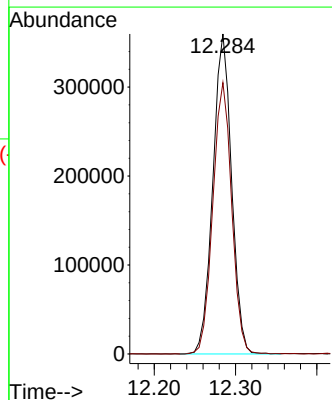
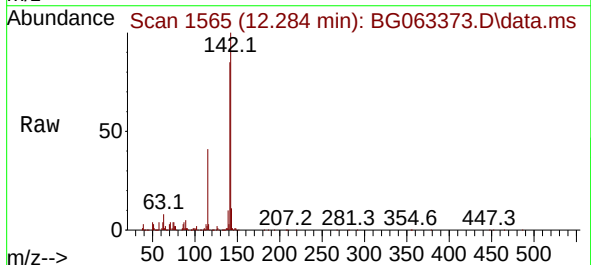
Instrument :
BNA_G
ClientSampleId :

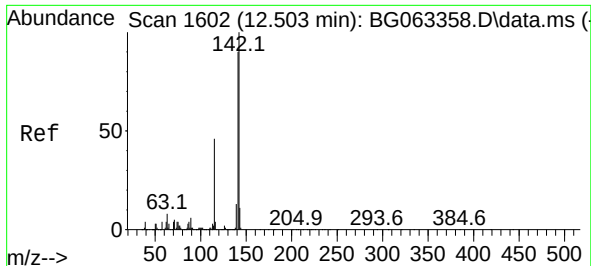
Tgt Ion:107 Resp: 289975
Ion Ratio Lower Upper
107 100
144 24.5 19.5 29.3
142 71.3 64.2 96.4



#36
2-Methylnaphthalene
Concen: 29.364 ng/ul
RT: 12.284 min Scan# 1565
Delta R.T. -0.004 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

Tgt Ion:142 Resp: 576087
Ion Ratio Lower Upper
142 100
141 84.8 68.3 102.5





#37

1-Methylnaphthalene

Concen: 28.089 ng/ul

RT: 12.502 min Scan# 1

Delta R.T. -0.010 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

Instrument :

BNA_G

ClientSampleId :

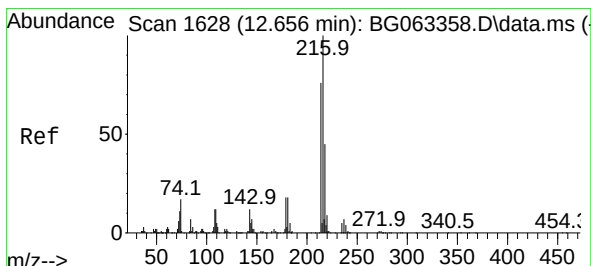
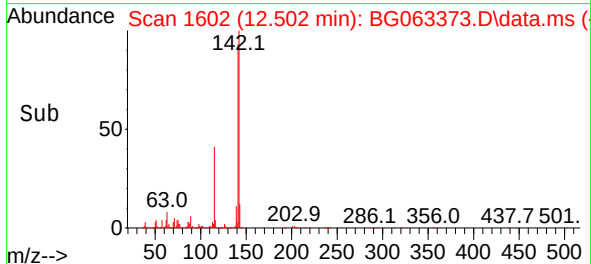
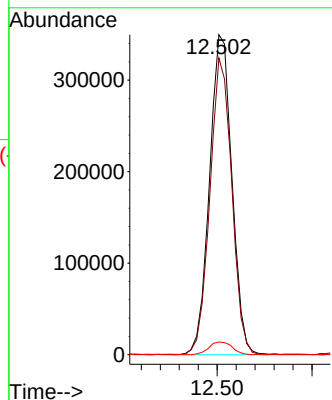
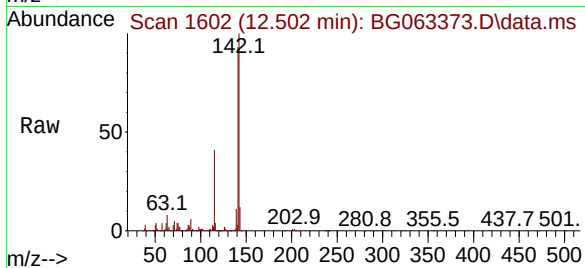
Tgt Ion:142 Resp: 573054

Ion Ratio Lower Upper

142 100

141 92.7 66.4 99.6

116 3.9 3.6 5.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.175 ng/ul

RT: 12.655 min Scan# 1628

Delta R.T. -0.010 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

Tgt Ion:216 Resp: 450624

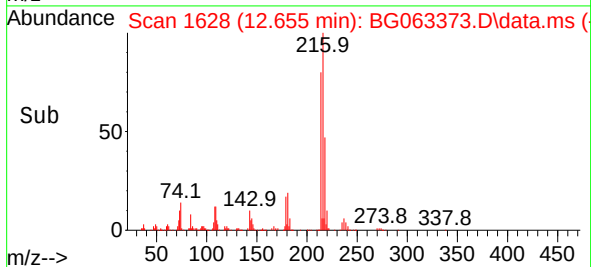
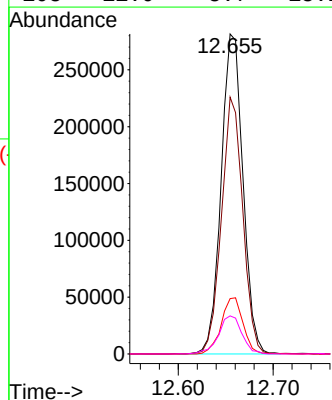
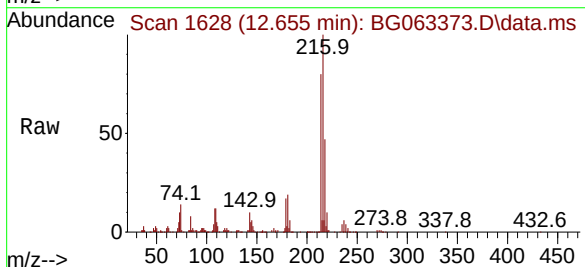
Ion Ratio Lower Upper

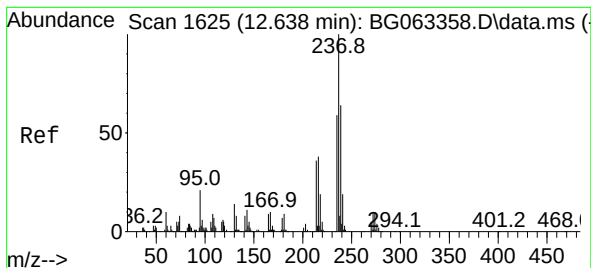
216 100

214 80.3 64.1 96.1

179 17.3 13.9 20.9

108 11.9 8.7 13.1





#40

Hexachlorocyclopentadiene

Concen: 21.524 ng/ul

RT: 12.637 min Scan# 1

Delta R.T. -0.010 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

Instrument :

BNA_G

ClientSampleId :

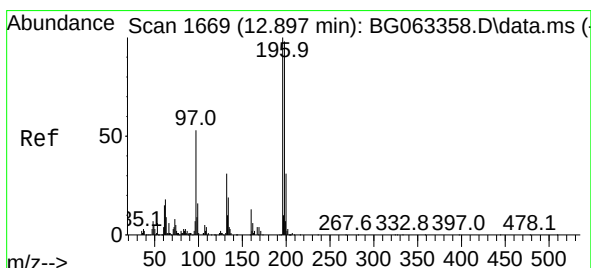
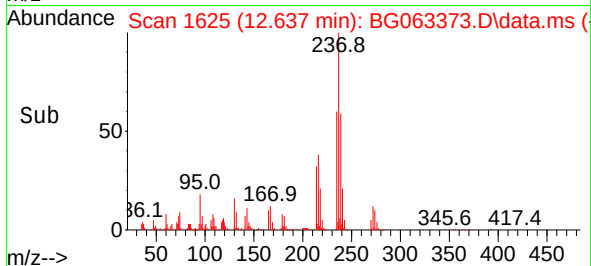
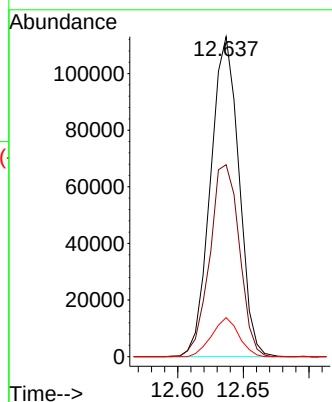
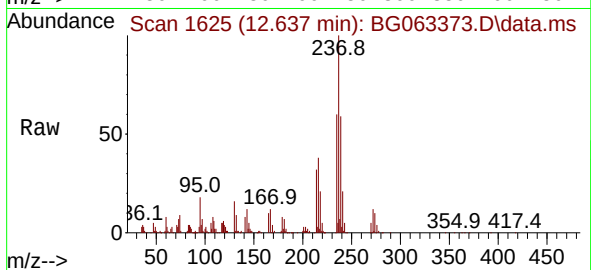
Tgt Ion:237 Resp: 169888

Ion Ratio Lower Upper

237 100

235 60.0 49.5 74.3

272 12.2 8.6 13.0



#41

2,4,6-Trichlorophenol

Concen: 30.975 ng/ul

RT: 12.901 min Scan# 1670

Delta R.T. -0.004 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

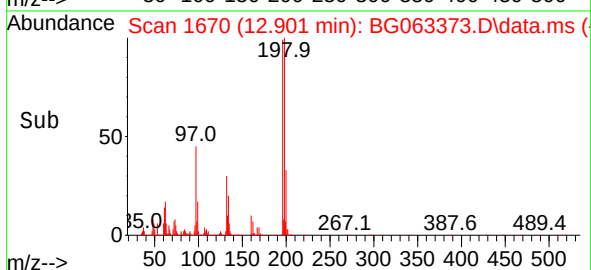
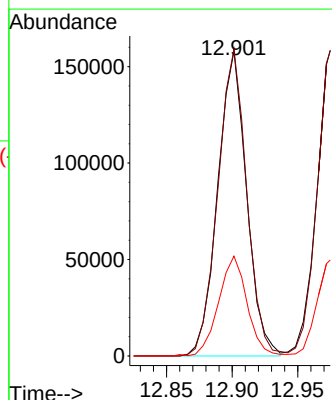
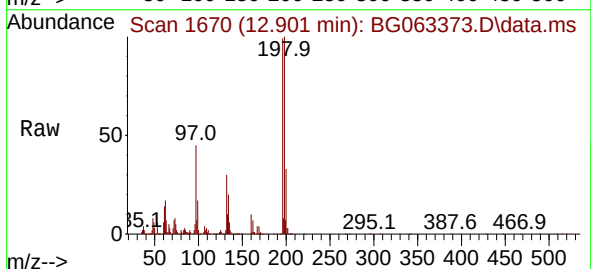
Tgt Ion:196 Resp: 241682

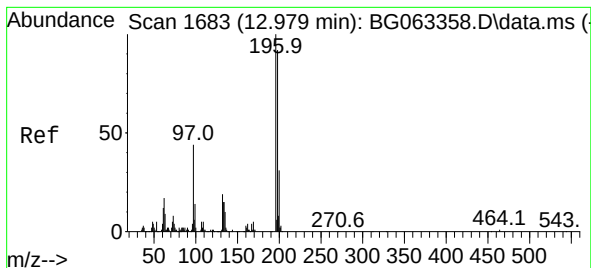
Ion Ratio Lower Upper

196 100

198 100.7 77.9 116.9

200 32.8 27.6 41.4





#42

2,4,5-Trichlorophenol

Concen: 31.821 ng/ul

RT: 12.978 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

Instrument :

BNA_G

ClientSampleId :

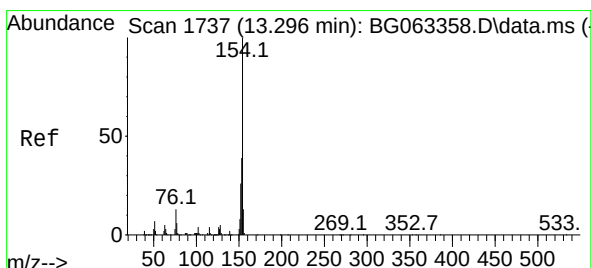
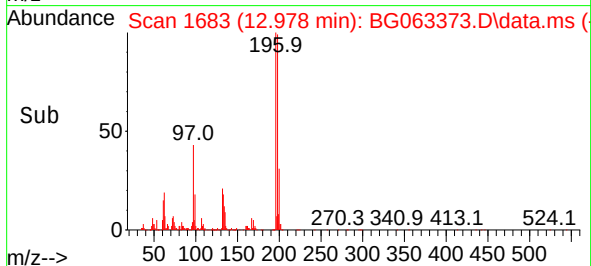
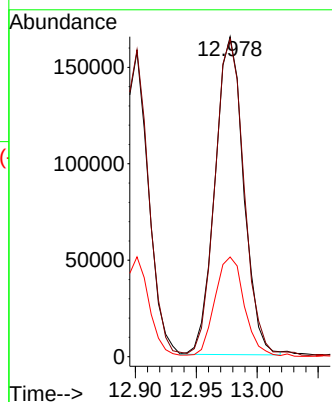
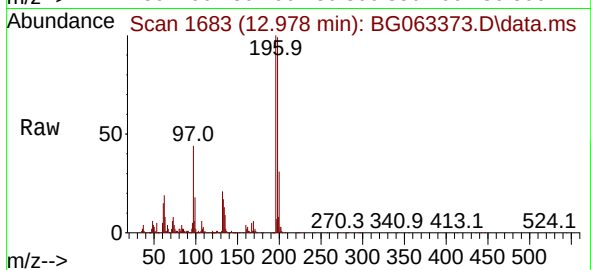
Tgt Ion:196 Resp: 269235

Ion Ratio Lower Upper

196 100

198 99.3 74.0 111.0

200 31.1 22.9 34.3



#43

1,1'-Biphenyl

Concen: 32.617 ng/ul

RT: 13.301 min Scan# 1738

Delta R.T. -0.004 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

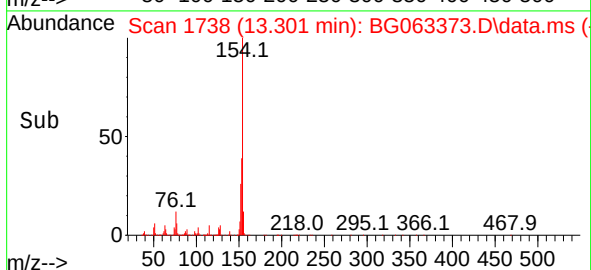
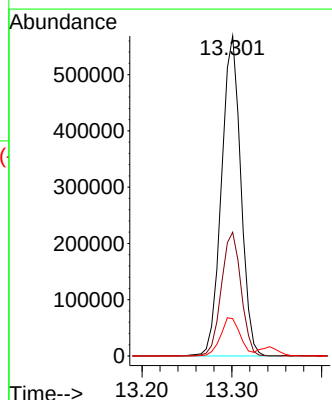
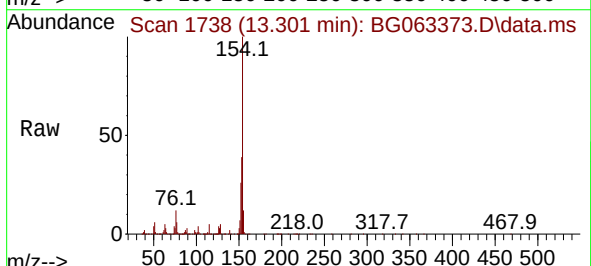
Tgt Ion:154 Resp: 847771

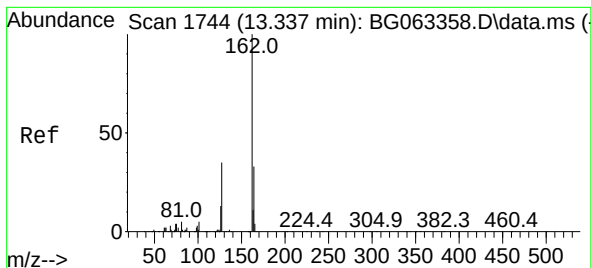
Ion Ratio Lower Upper

154 100

153 38.7 30.7 46.1

76 11.6 8.6 13.0





#44

2-Chloronaphthalene

Concen: 32.138 ng/ul

RT: 13.342 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

Instrument :

BNA_G

ClientSampleId :

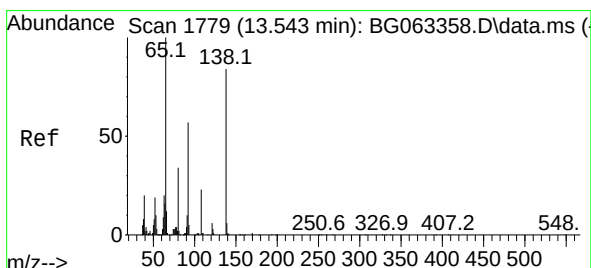
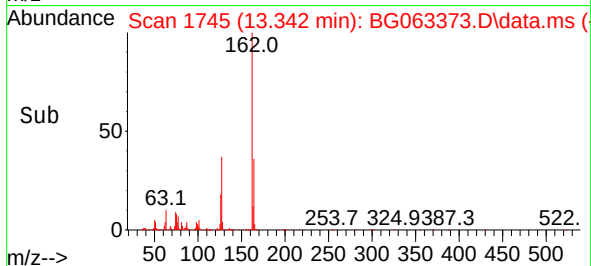
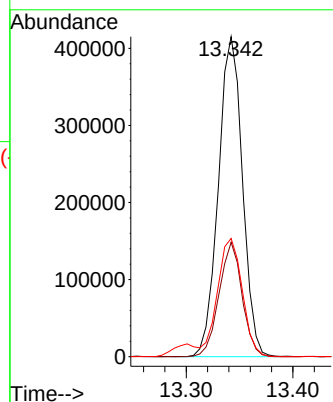
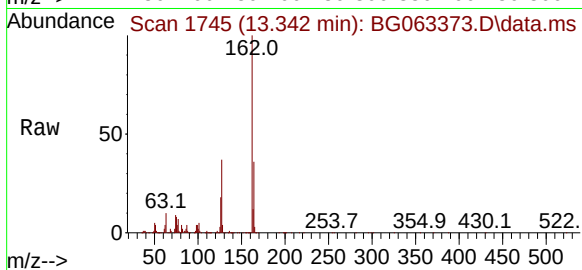
Tgt Ion:162 Resp: 650312

Ion Ratio Lower Upper

162 100

164 35.7 26.3 39.5

127 37.0 29.8 44.8



#45

2-Nitroaniline

Concen: 33.501 ng/ul

RT: 13.548 min Scan# 1780

Delta R.T. -0.004 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

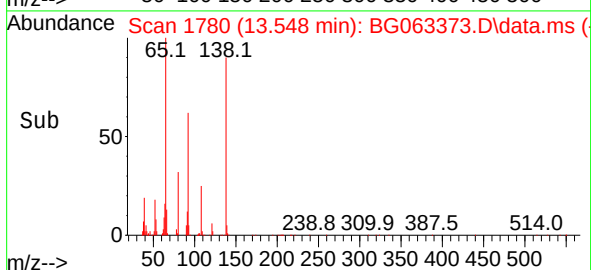
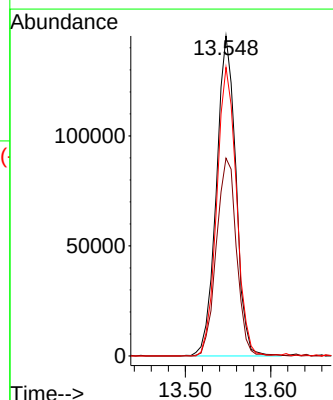
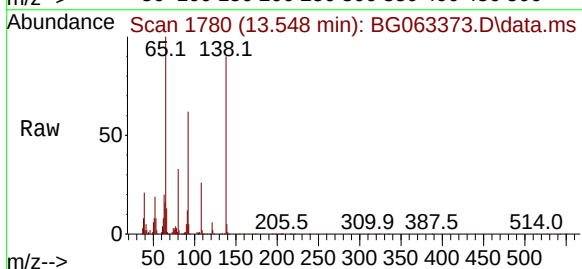
Tgt Ion: 65 Resp: 231236

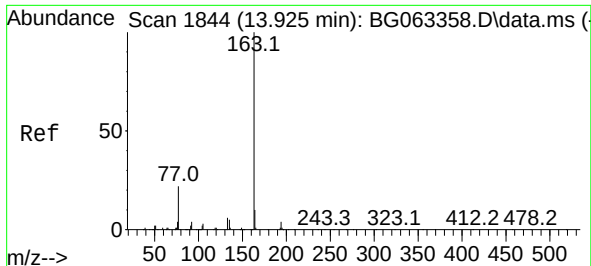
Ion Ratio Lower Upper

65 100

92 61.8 46.3 69.5

138 90.2 75.3 112.9





#47

Dimethylphthalate

Concen: 28.483 ng/ul

RT: 13.924 min Scan# 1844

Delta R.T. -0.004 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

Instrument :

BNA_G

ClientSampleId :

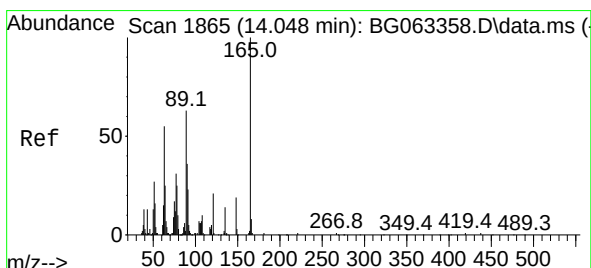
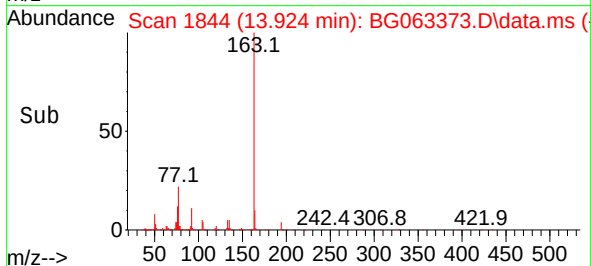
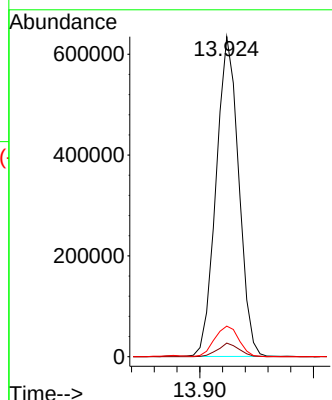
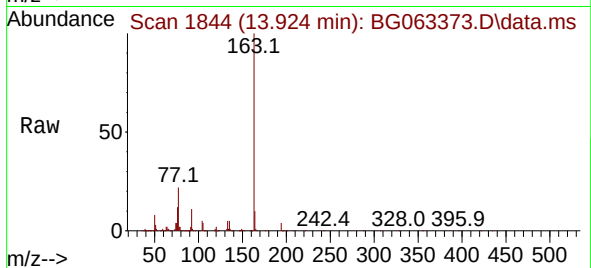
Tgt Ion:163 Resp: 877172

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.6

164 9.5 8.6 13.0



#48

2,6-Dinitrotoluene

Concen: 31.174 ng/ul

RT: 14.047 min Scan# 1865

Delta R.T. -0.004 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

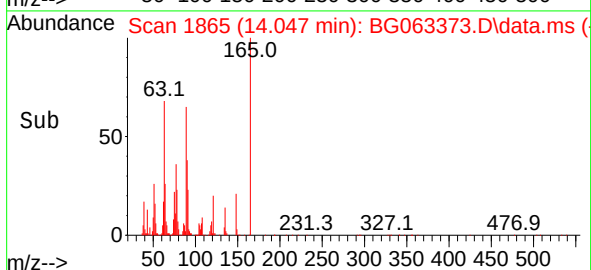
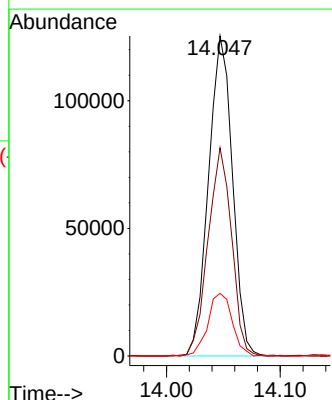
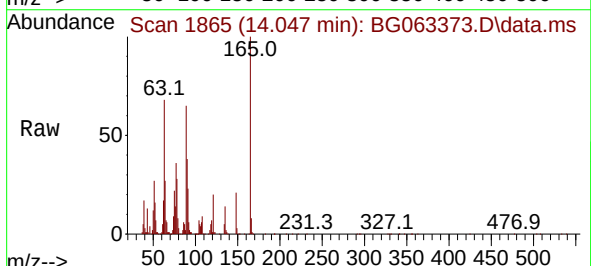
Tgt Ion:165 Resp: 183718

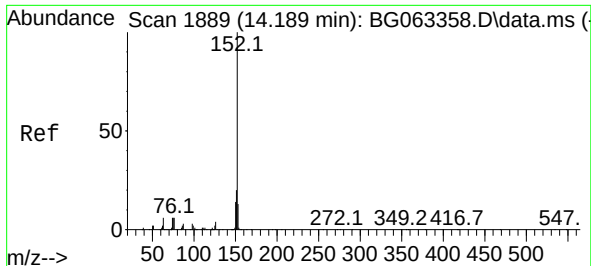
Ion Ratio Lower Upper

165 100

89 65.1 51.0 76.4

121 19.5 17.3 25.9

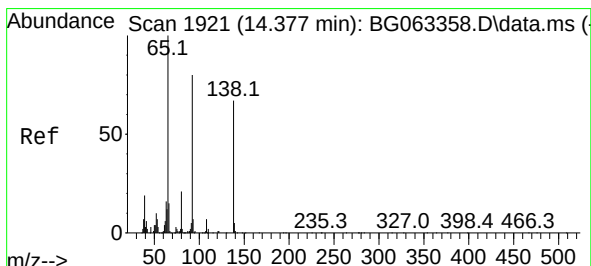
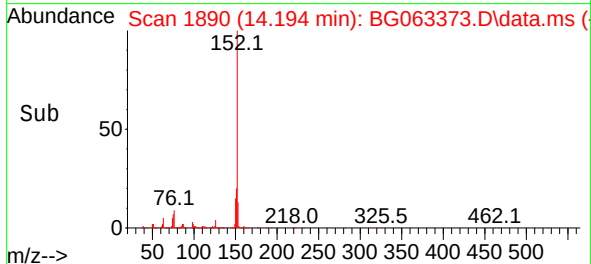
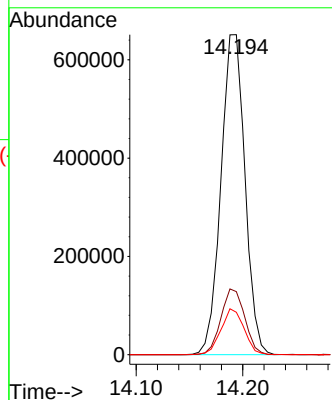
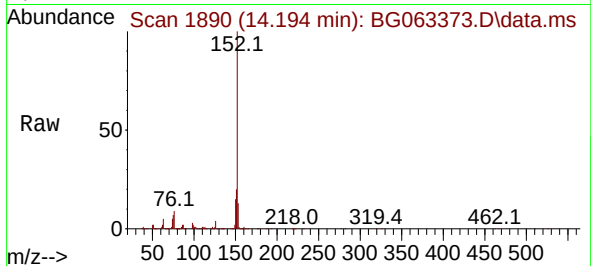




#50
Acenaphthylene
Concen: 32.513 ng/ul
RT: 14.194 min Scan# 1889
Delta R.T. -0.004 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

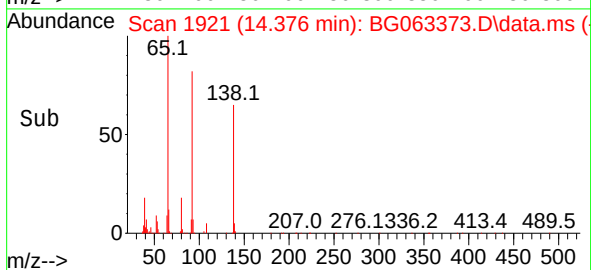
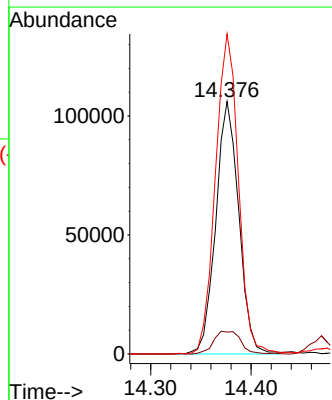
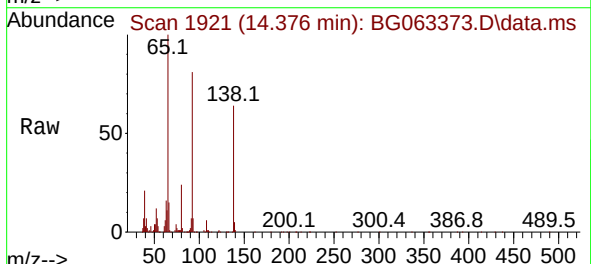
Instrument :
BNA_G
ClientSampleId :

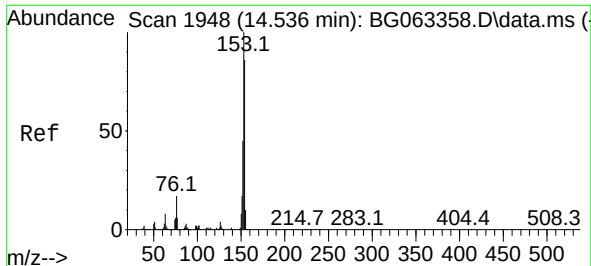
Tgt Ion:152 Resp: 1018182
Ion Ratio Lower Upper
152 100
151 19.7 16.3 24.5
153 13.3 9.3 13.9



#51
3-Nitroaniline
Concen: 32.801 ng/ul
RT: 14.376 min Scan# 1921
Delta R.T. -0.004 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

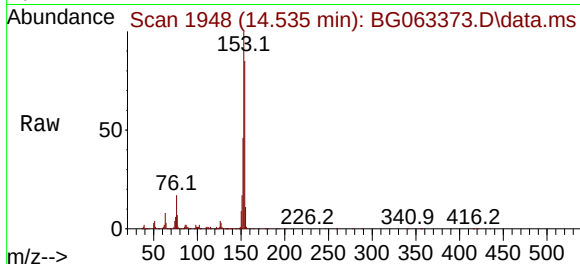
Tgt Ion:138 Resp: 168730
Ion Ratio Lower Upper
138 100
108 8.7 9.0 13.6#
92 126.8 105.4 158.0



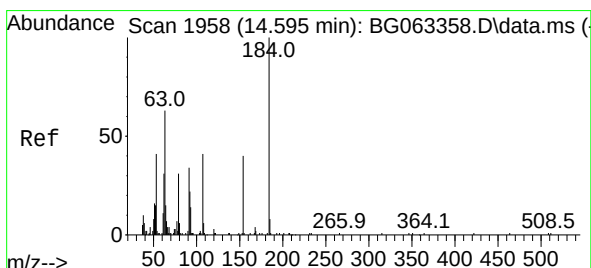
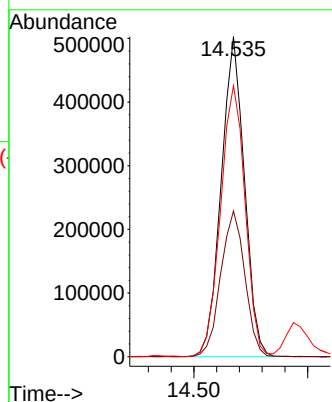
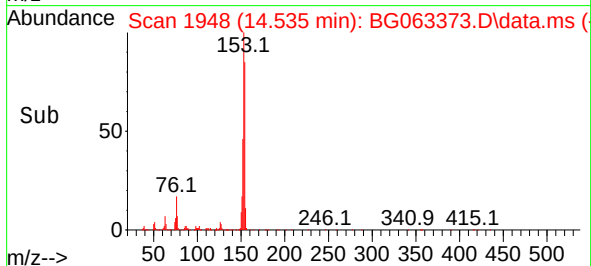


#52
Acenaphthene
Concen: 31.809 ng/ul
RT: 14.535 min Scan# 1948
Delta R.T. -0.004 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

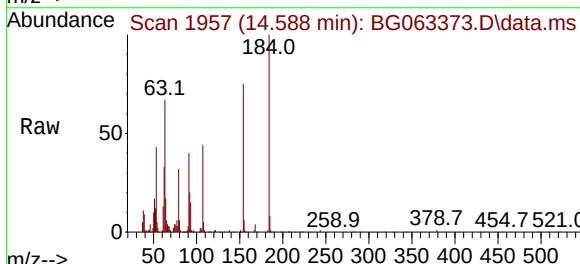
Instrument :
BNA_G
ClientSampleId :



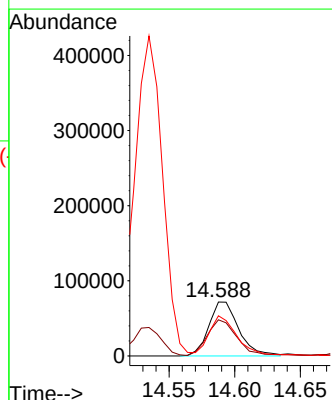
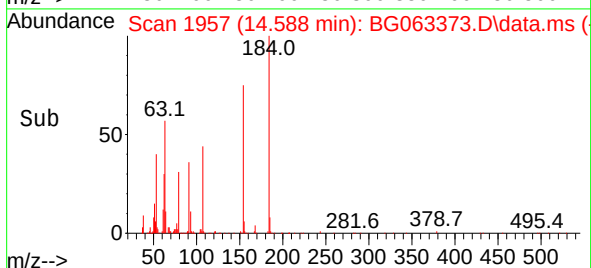
Tgt Ion:153 Resp: 712960
Ion Ratio Lower Upper
153 100
152 45.6 37.8 56.6
154 84.7 71.9 107.9

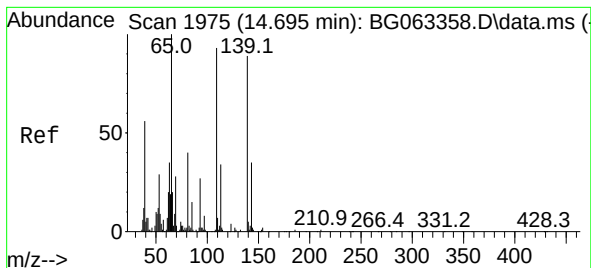


#53
2,4-Dinitrophenol
Concen: 29.467 ng/ul
RT: 14.588 min Scan# 1957
Delta R.T. -0.004 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55



Tgt Ion:184 Resp: 114491
Ion Ratio Lower Upper
184 100
63 67.0 58.0 87.0
154 74.6 61.1 91.7

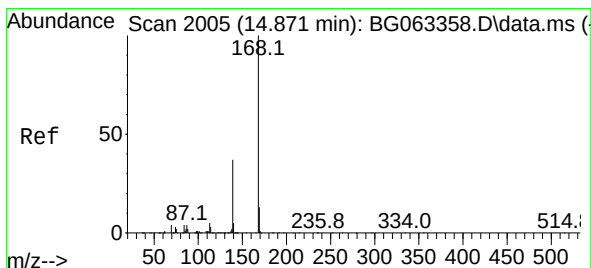
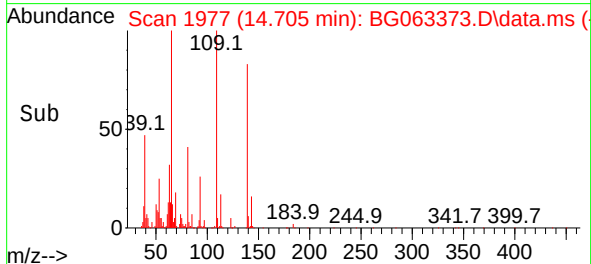
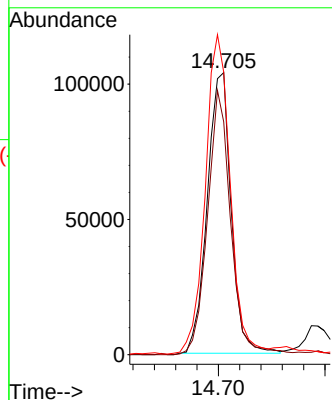
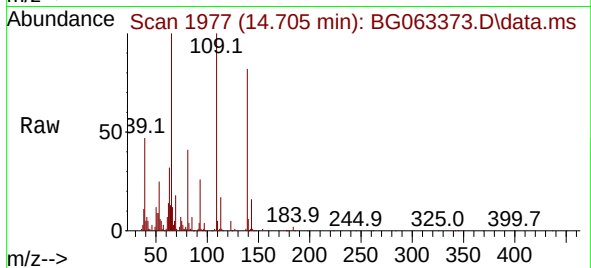




#55
4-Nitrophenol
Concen: 28.242 ng/ul
RT: 14.705 min Scan# 1975
Delta R.T. 0.007 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

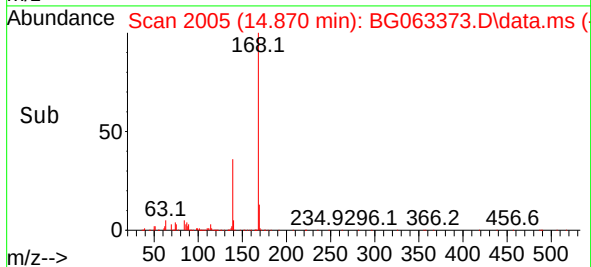
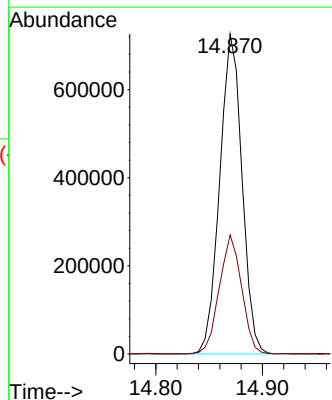
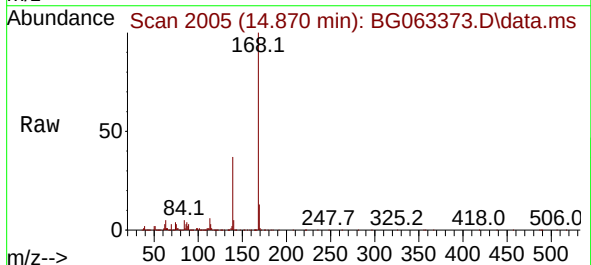
Instrument :
BNA_G
ClientSampleId :

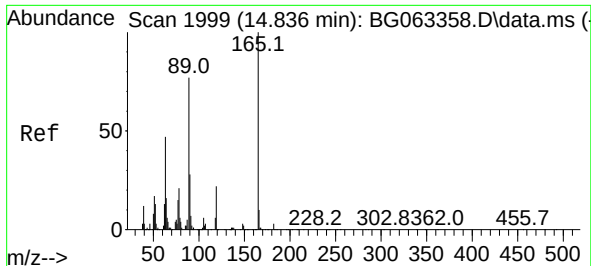
Tgt Ion:109 Resp: 161419
Ion Ratio Lower Upper
109 100
139 82.6 69.0 103.4
65 100.1 83.0 124.4



#56
Dibenzofuran
Concen: 30.689 ng/ul
RT: 14.870 min Scan# 2005
Delta R.T. -0.004 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

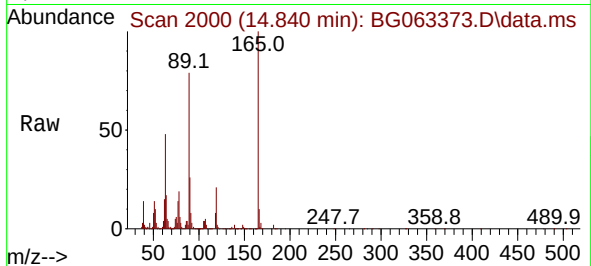
Tgt Ion:168 Resp: 1052952
Ion Ratio Lower Upper
168 100
139 37.2 29.8 44.8



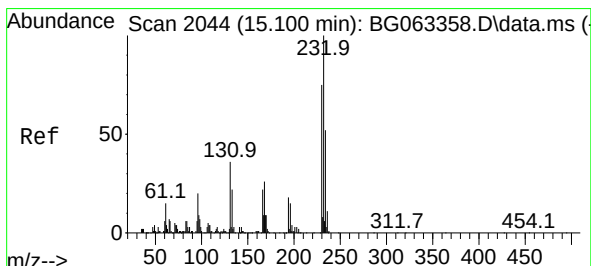
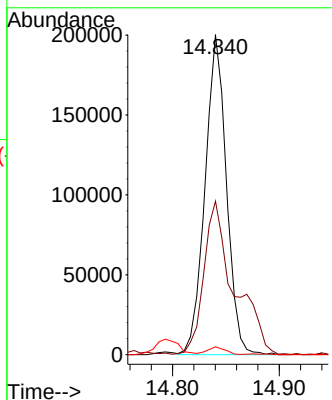
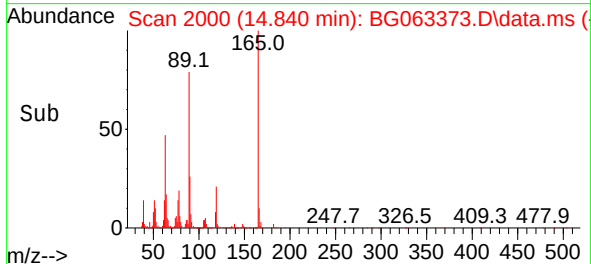


#57
2,4-Dinitrotoluene
Concen: 30.061 ng/ul
RT: 14.840 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

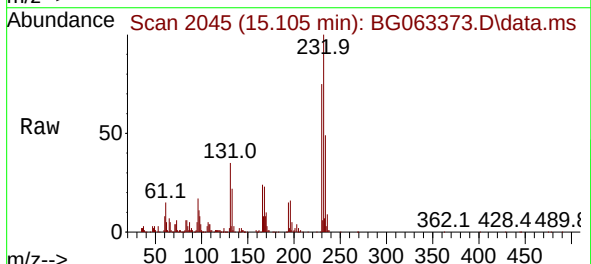
Instrument :
BNA_G
ClientSampleId :



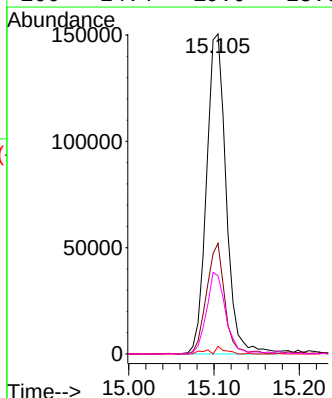
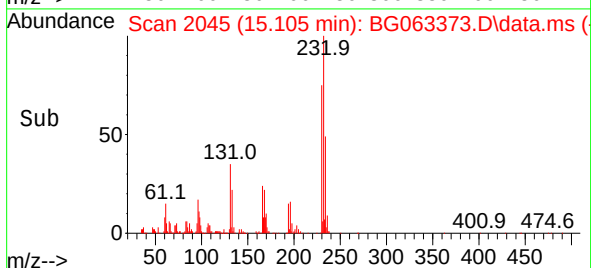
Tgt Ion:165 Resp: 280193
Ion Ratio Lower Upper
165 100
63 48.0 37.6 56.4
182 2.4 1.8 2.6

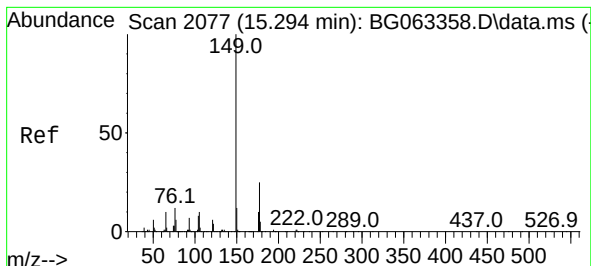


#58
2,3,4,6-Tetrachlorophenol
Concen: 27.549 ng/ul
RT: 15.105 min Scan# 2045
Delta R.T. -0.004 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55



Tgt Ion:232 Resp: 241399
Ion Ratio Lower Upper
232 100
131 34.5 22.6 34.0#
130 2.4 0.0 0.0#
166 24.4 19.0 28.6





#59

Diethylphthalate

Concen: 27.916 ng/ul

RT: 15.293 min Scan# 2077

Delta R.T. -0.004 min

Lab File: BG063373.D

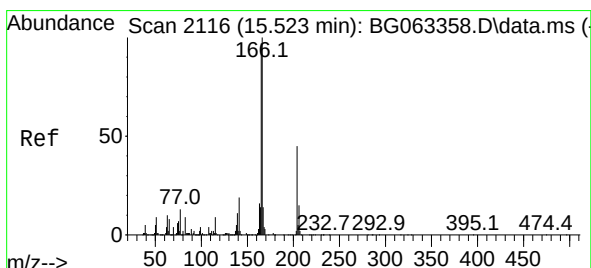
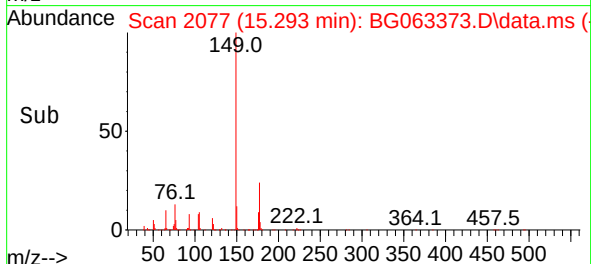
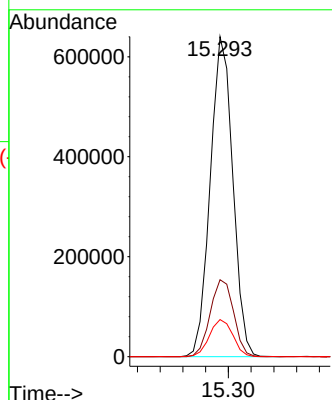
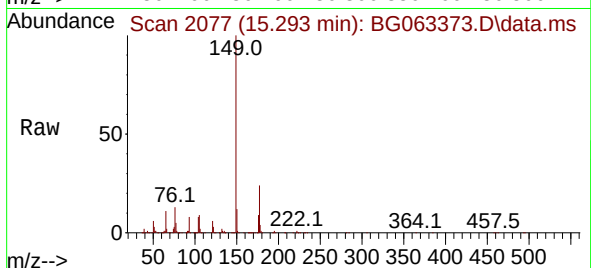
Acq: 14 Nov 2024 2:55

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:149	Resp:	881451
Ion Ratio	Lower	Upper
149	100	
177	24.1	19.6 29.4
150	11.6	10.0 15.0



#61

Fluorene

Concen: 31.110 ng/ul

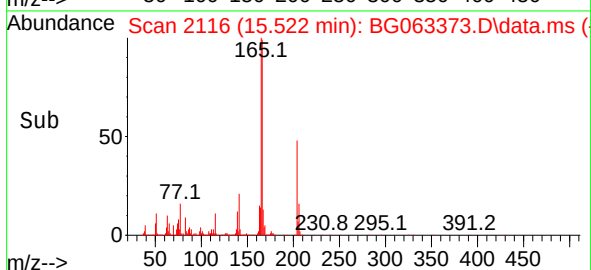
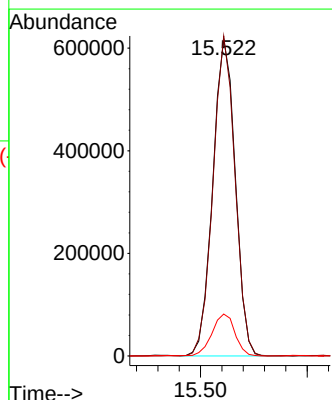
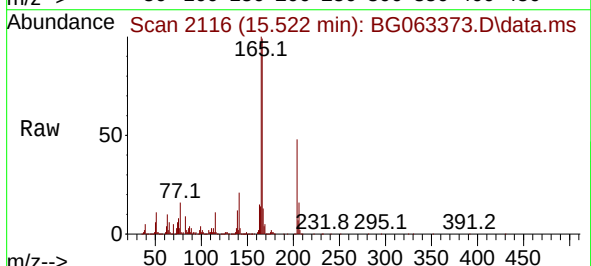
RT: 15.522 min Scan# 2116

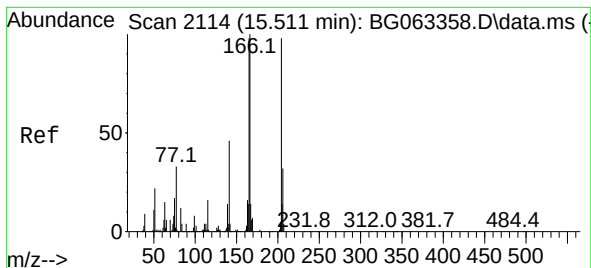
Delta R.T. -0.004 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

Tgt Ion:166	Resp:	903392
Ion Ratio	Lower	Upper
166	100	
165	100.8	77.9 116.9
167	13.2	11.2 16.8

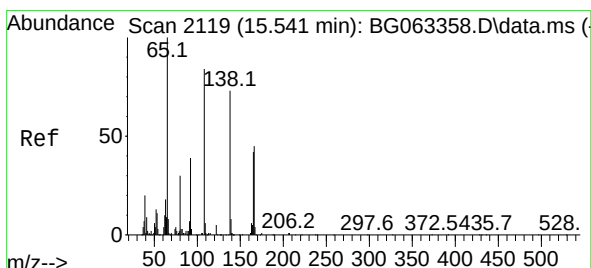
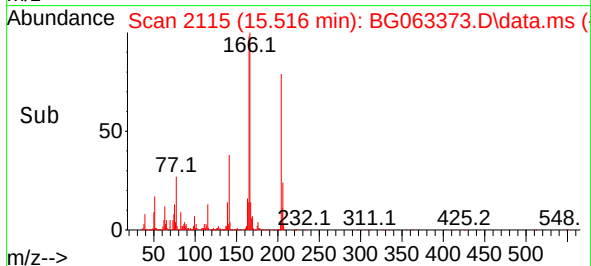
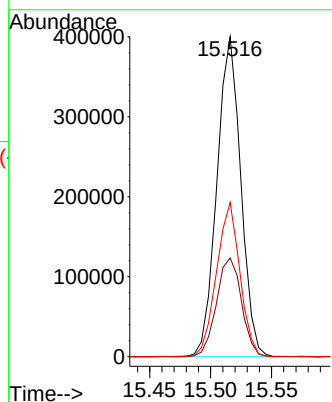
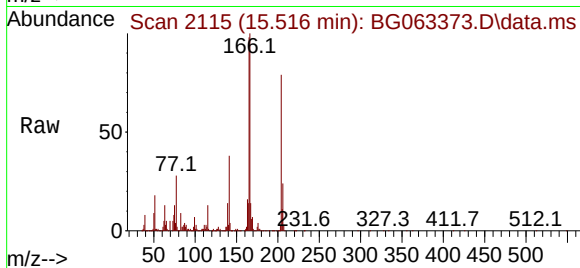




#62
4-Chlorophenyl-phenylether
Concen: 29.246 ng/ul
RT: 15.516 min Scan# 2115
Delta R.T. -0.004 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

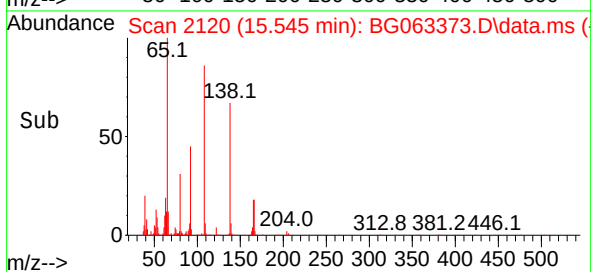
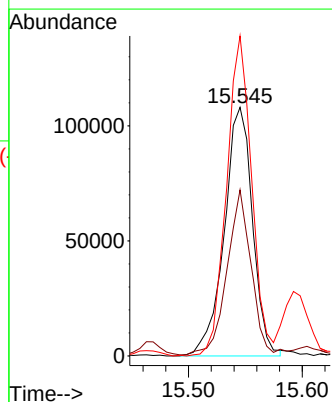
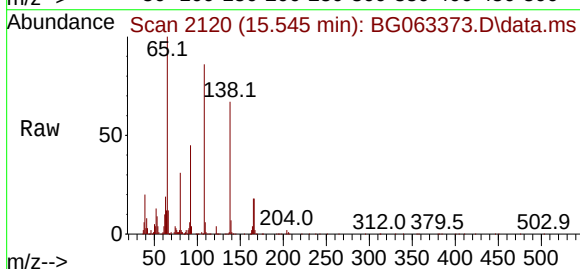
Instrument :
BNA_G
ClientSampleId :

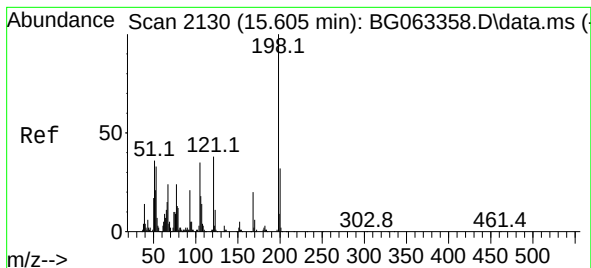
Tgt Ion:204 Resp: 545804
Ion Ratio Lower Upper
204 100
206 30.8 26.2 39.2
141 48.2 35.3 52.9



#63
4-Nitroaniline
Concen: 35.935 ng/ul
RT: 15.545 min Scan# 2120
Delta R.T. 0.002 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

Tgt Ion:138 Resp: 187093
Ion Ratio Lower Upper
138 100
92 66.8 49.7 74.5
108 128.7 109.4 164.0

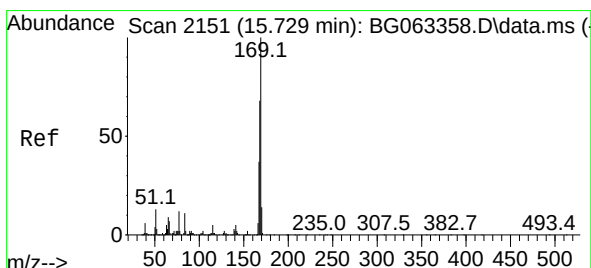
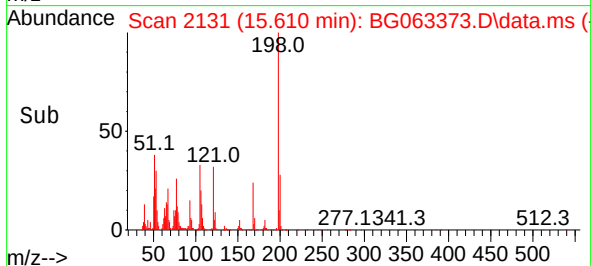
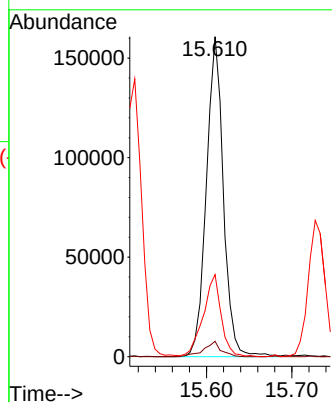
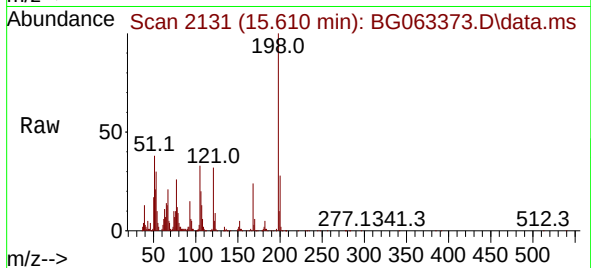




#66
4,6-Dinitro-2-methylphenol
Concen: 32.937 ng/ul
RT: 15.610 min Scan# 2131
Delta R.T. 0.001 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

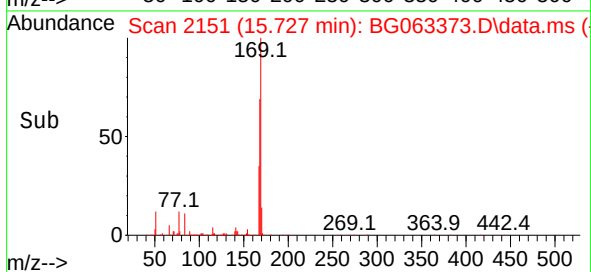
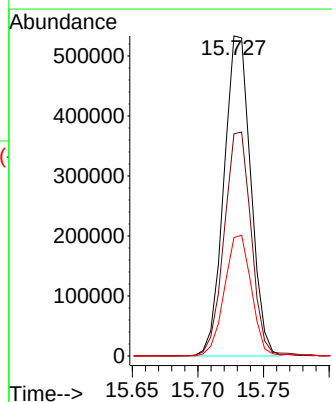
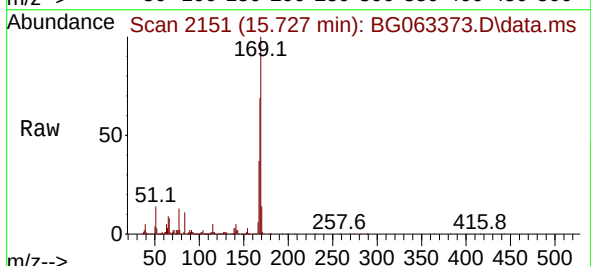
Instrument :
BNA_G
ClientSampleId :

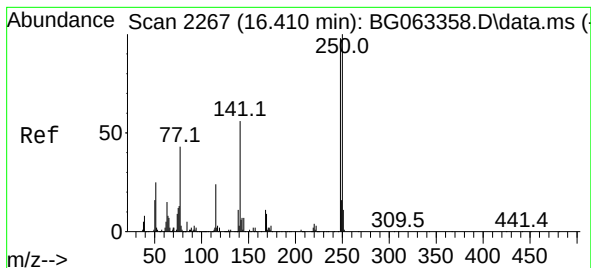
Tgt Ion:198 Resp: 222868
Ion Ratio Lower Upper
198 100
182 4.8 2.8 4.2#
77 25.6 18.9 28.3



#67
N-Nitrosodiphenylamine
Concen: 32.739 ng/ul
RT: 15.727 min Scan# 2151
Delta R.T. -0.010 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

Tgt Ion:169 Resp: 757703
Ion Ratio Lower Upper
169 100
168 69.4 55.7 83.5
167 37.0 32.2 48.2

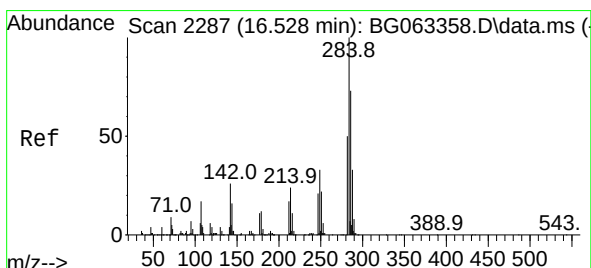
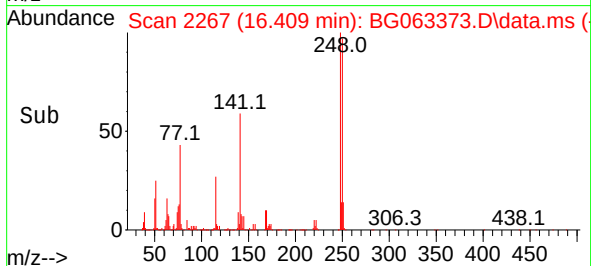
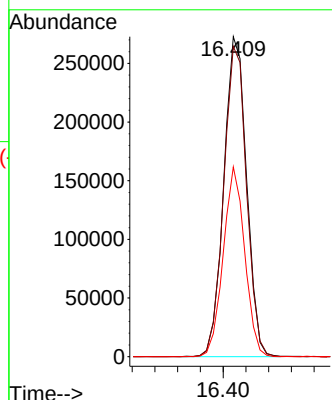
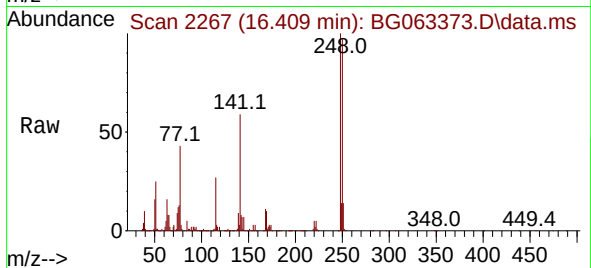




#68
4-Bromophenyl-phenylether
Concen: 31.943 ng/ul
RT: 16.409 min Scan# 2267
Delta R.T. -0.004 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

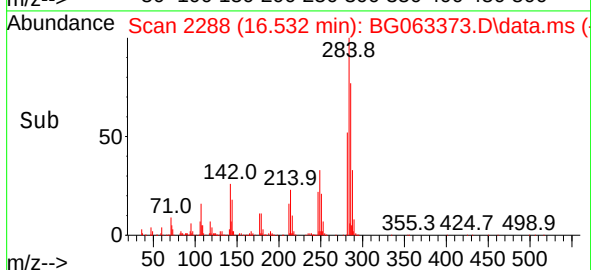
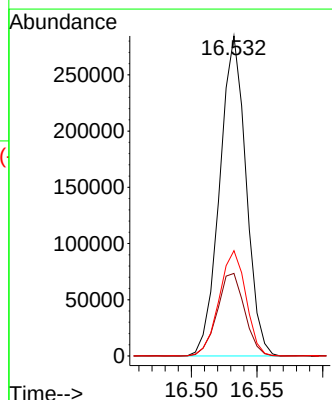
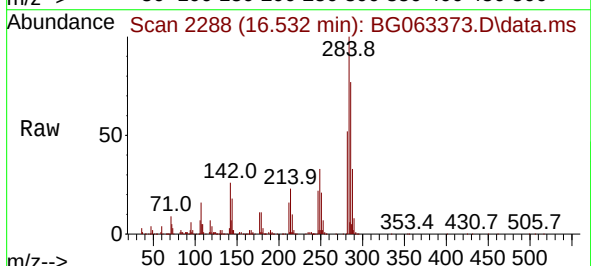
Instrument :
BNA_G
ClientSampleId :

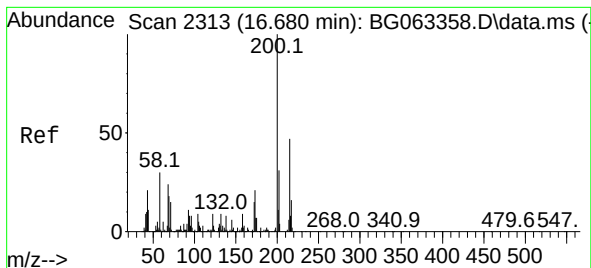
Tgt Ion:248 Resp: 378847
Ion Ratio Lower Upper
248 100
250 96.9 76.9 115.3
141 59.3 41.3 61.9



#69
Hexachlorobenzene
Concen: 31.413 ng/ul
RT: 16.532 min Scan# 2288
Delta R.T. -0.004 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

Tgt Ion:284 Resp: 396904
Ion Ratio Lower Upper
284 100
142 25.8 18.9 28.3
249 32.9 27.6 41.4





#70

Atrazine

Concen: 12.768 ng/ul

RT: 16.679 min Scan# 2313

Delta R.T. -0.004 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

Instrument :

BNA_G

ClientSampleId :

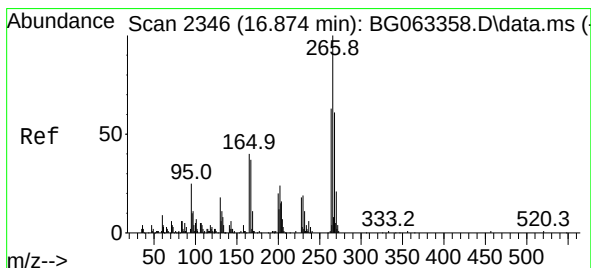
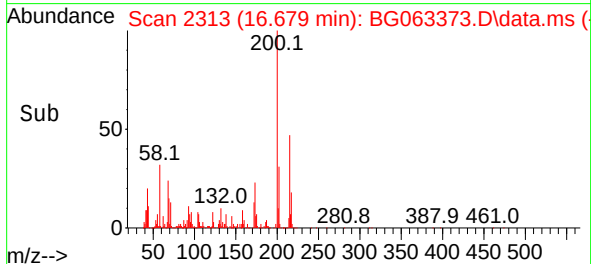
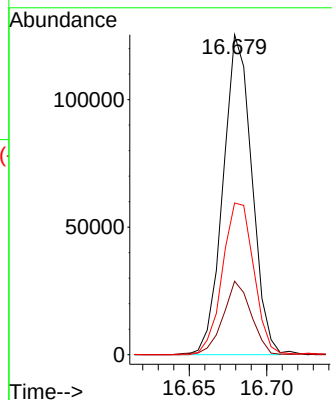
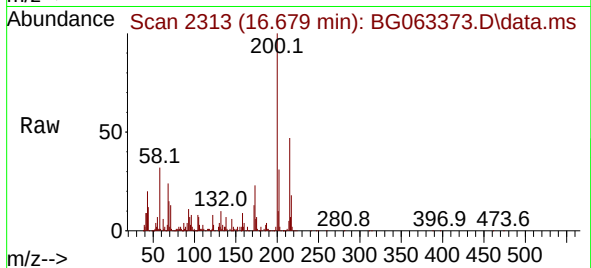
Tgt Ion:200 Resp: 161659

Ion Ratio Lower Upper

200 100

173 23.0 18.6 27.8

215 47.4 38.6 58.0



#71

Pentachlorophenol

Concen: 24.632 ng/ul

RT: 16.879 min Scan# 2347

Delta R.T. -0.004 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

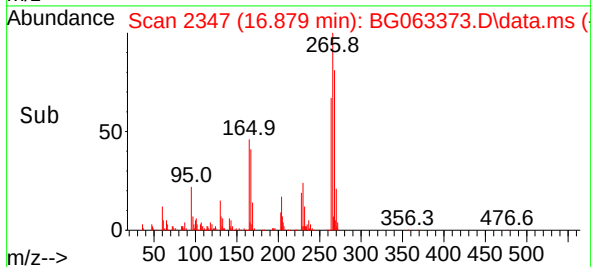
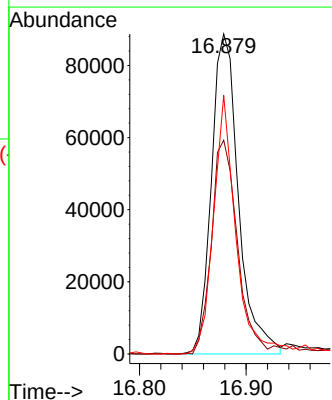
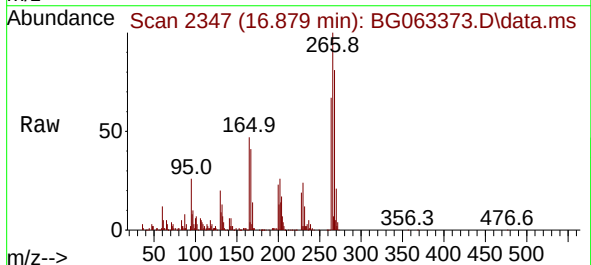
Tgt Ion:266 Resp: 156025

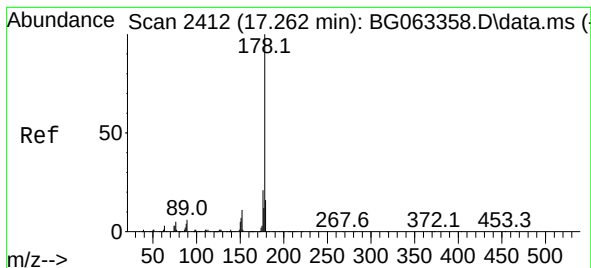
Ion Ratio Lower Upper

266 100

264 66.8 46.4 69.6

268 80.8 53.2 79.8#





#72

Phenanthrene

Concen: 33.177 ng/ul

RT: 17.267 min Scan# 2412

Delta R.T. 0.001 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

Instrument :

BNA_G

ClientSampleId :

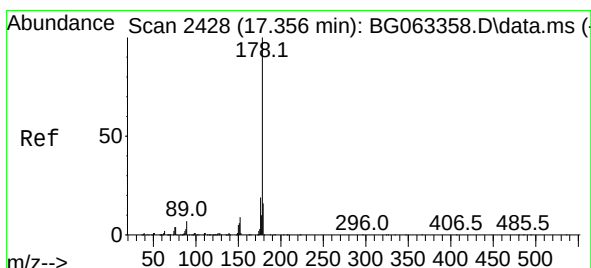
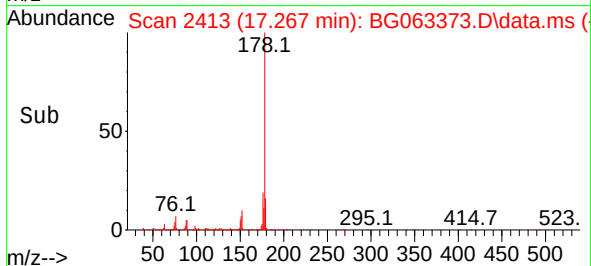
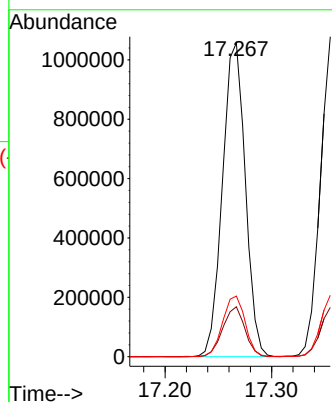
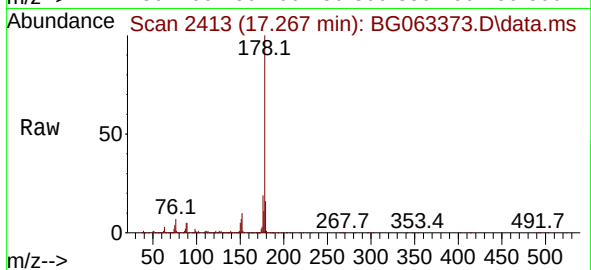
Tgt Ion:178 Resp: 1572589

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

176 19.3 16.0 24.0



#74

Anthracene

Concen: 32.109 ng/ul

RT: 17.355 min Scan# 2428

Delta R.T. -0.004 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

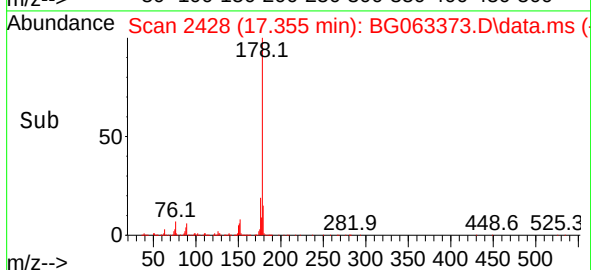
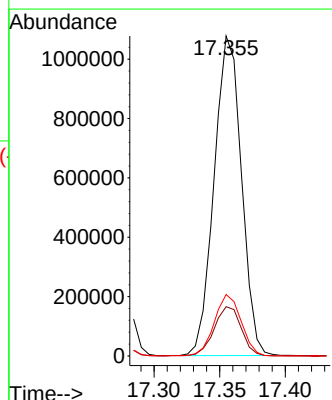
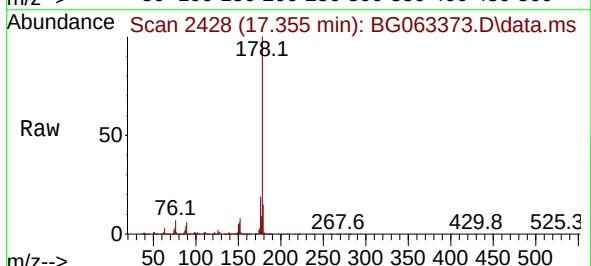
Tgt Ion:178 Resp: 1559147

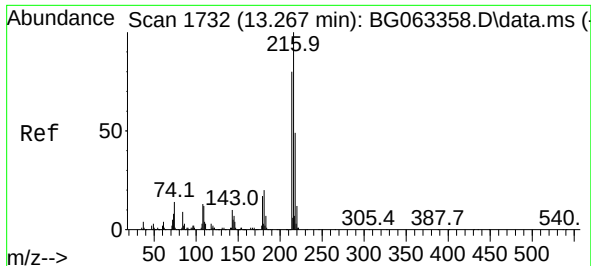
Ion Ratio Lower Upper

178 100

179 15.4 13.7 20.5

176 19.2 16.1 24.1

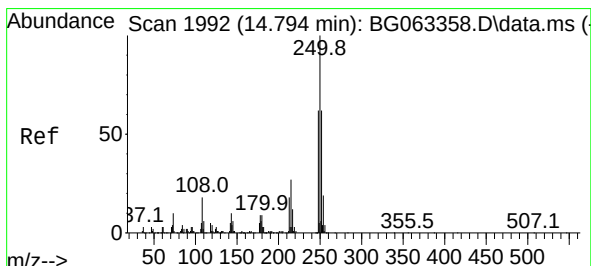
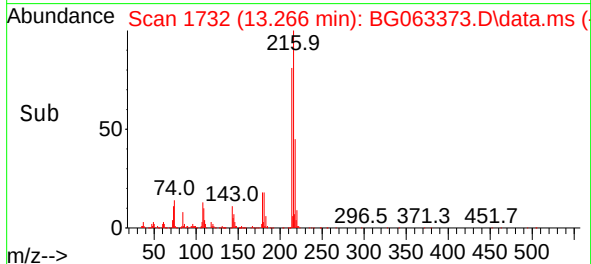
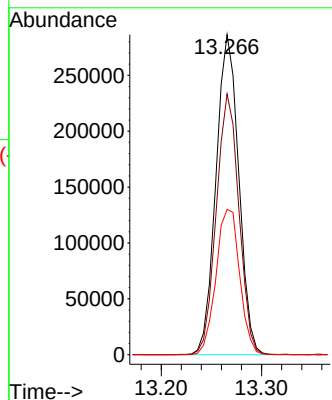
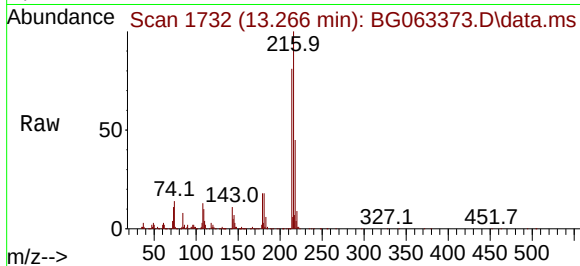




#75
1,2,3,4-Tetrachlorobenzene
Concen: 33.591 ng/ul
RT: 13.266 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

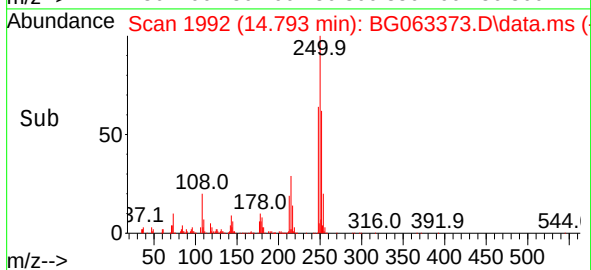
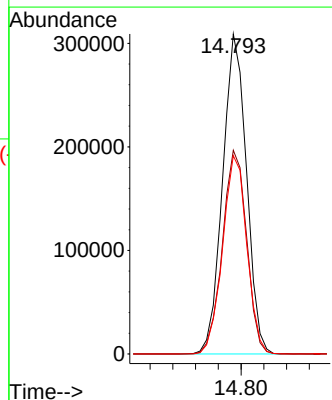
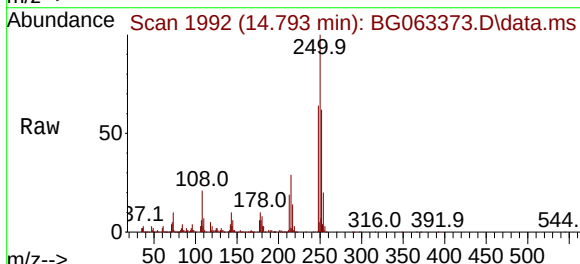
Instrument :
BNA_G
ClientSampleId :

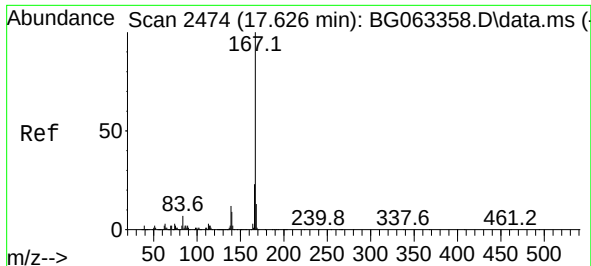
Tgt Ion:216 Resp: 450644
Ion Ratio Lower Upper
216 100
214 81.4 60.4 90.6
218 45.4 37.2 55.8



#76
Pentachlorobenzene
Concen: 31.464 ng/ul
RT: 14.793 min Scan# 1992
Delta R.T. -0.004 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

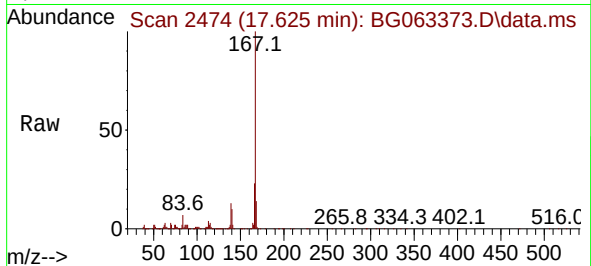
Tgt Ion:250 Resp: 450137
Ion Ratio Lower Upper
250 100
248 63.6 51.7 77.5
252 62.0 47.8 71.6





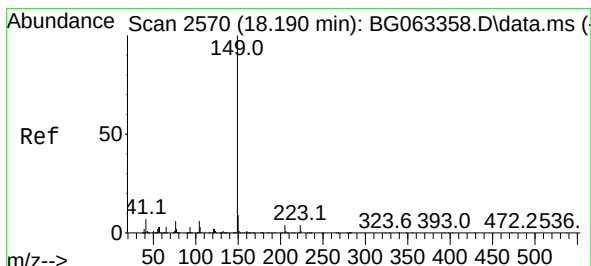
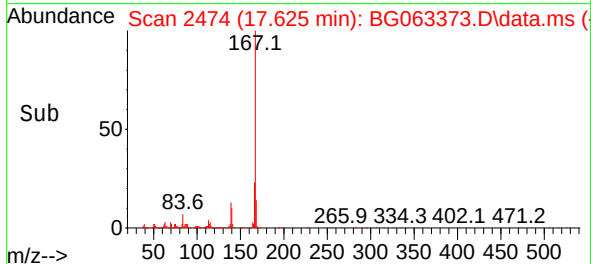
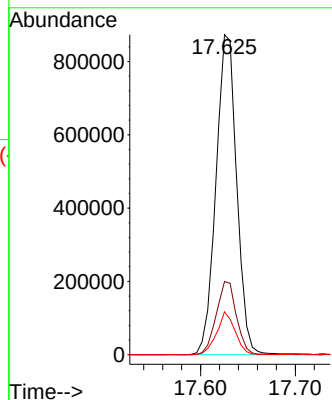
#77
 Carbazole
 Concen: 32.925 ng/ul
 RT: 17.625 min Scan# 2474
 Delta R.T. -0.004 min
 Lab File: BG063373.D
 Acq: 14 Nov 2024 2:55

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:167 Resp: 1327369

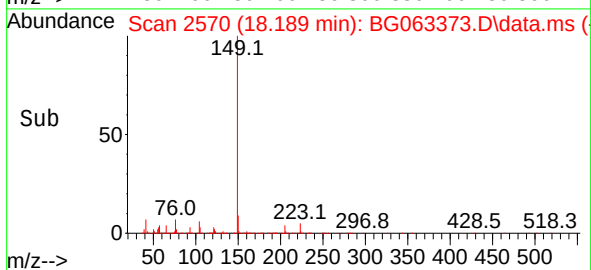
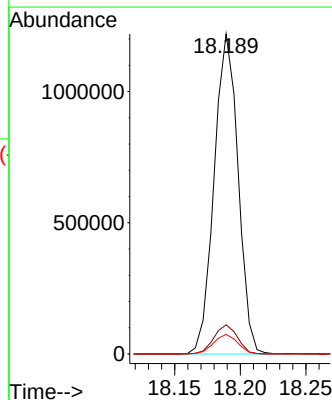
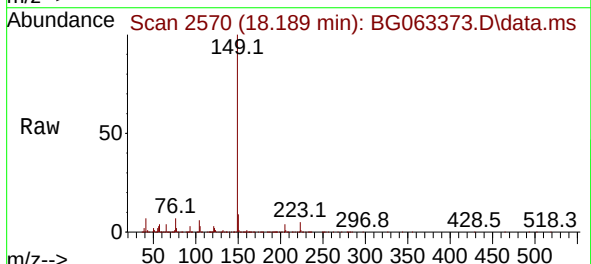
Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.2	25.8
139	13.4	9.5	14.3

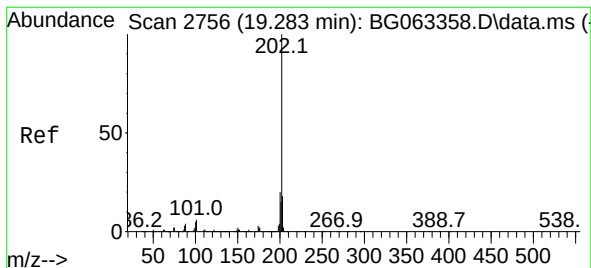


#78
 Di-n-butylphthalate
 Concen: 33.679 ng/ul
 RT: 18.189 min Scan# 2570
 Delta R.T. -0.004 min
 Lab File: BG063373.D
 Acq: 14 Nov 2024 2:55

Tgt Ion:149 Resp: 1544467

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.6	11.4
104	6.1	5.4	8.2





#80

Fluoranthene

Concen: 34.451 ng/ul

RT: 19.282 min Scan# 2756

Delta R.T. -0.004 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

Instrument :

BNA_G

ClientSampleId :

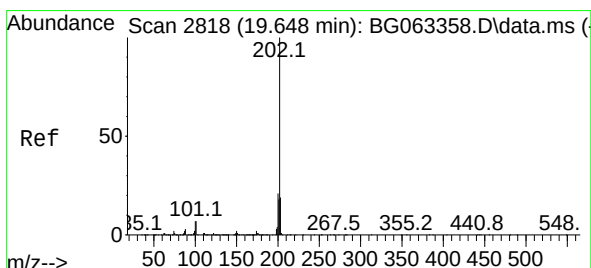
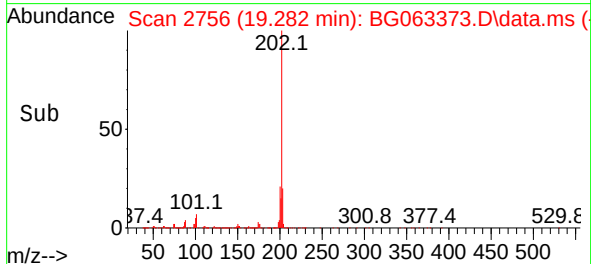
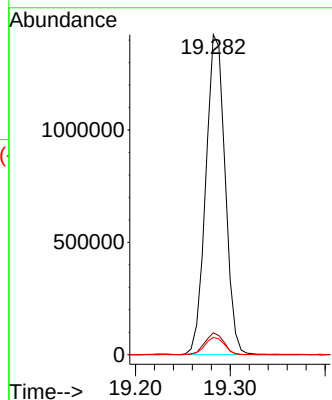
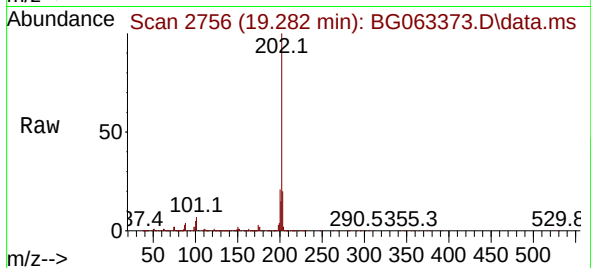
Tgt Ion:202 Resp: 2004712

Ion Ratio Lower Upper

202 100

101 6.9 4.7 7.1

100 5.4 3.4 5.0#



#82

Pyrene

Concen: 34.106 ng/ul

RT: 19.646 min Scan# 2818

Delta R.T. -0.004 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

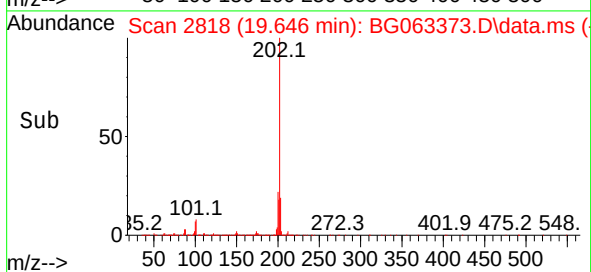
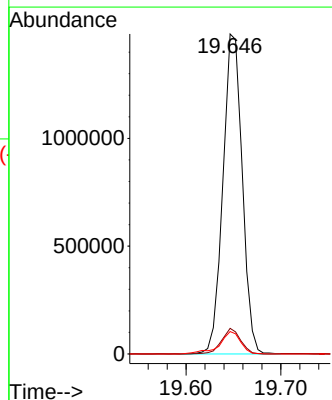
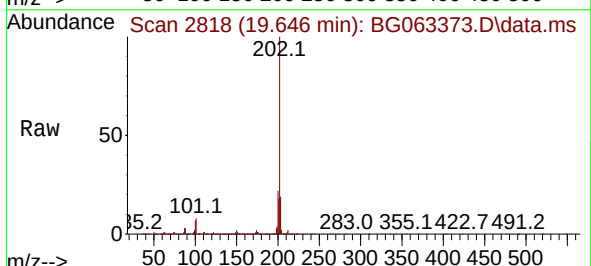
Tgt Ion:202 Resp: 2103640

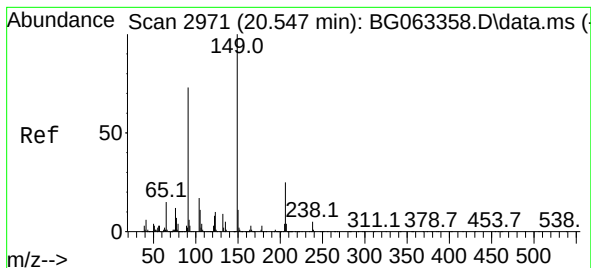
Ion Ratio Lower Upper

202 100

101 8.0 4.9 7.3#

100 7.0 4.4 6.6#





#83

Butylbenzylphthalate

Concen: 37.624 ng/ul

RT: 20.545 min Scan# 2971

Delta R.T. -0.004 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

Instrument :

BNA_G

ClientSampleId :

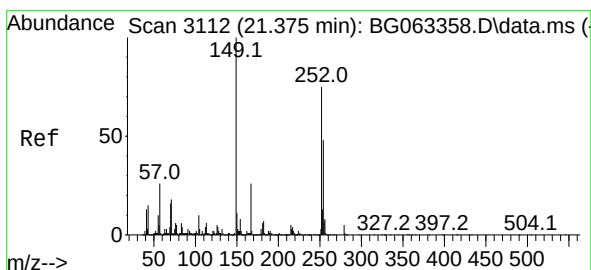
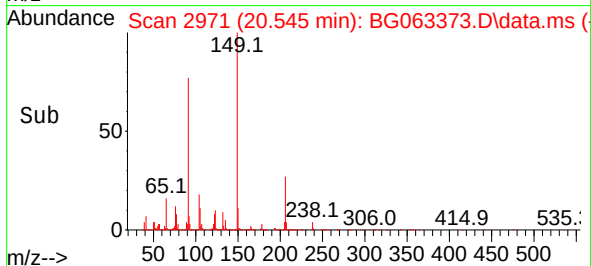
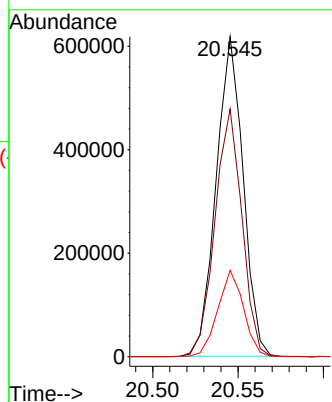
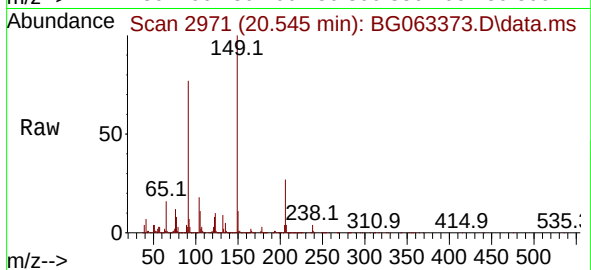
Tgt Ion:149 Resp: 678208

Ion Ratio Lower Upper

149 100

91 77.4 59.8 89.6

206 27.0 24.2 36.2



#84

3,3'-Dichlorobenzidine

Concen: 32.291 ng/ul

RT: 21.380 min Scan# 3113

Delta R.T. -0.004 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

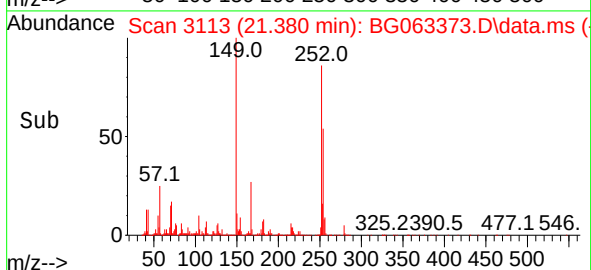
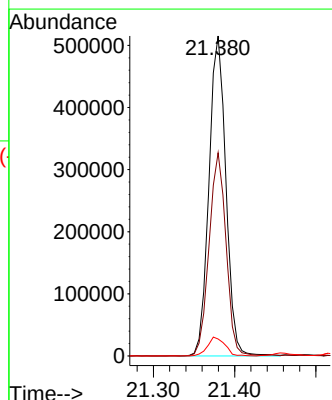
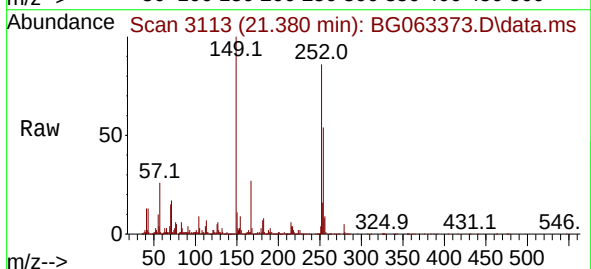
Tgt Ion:252 Resp: 745558

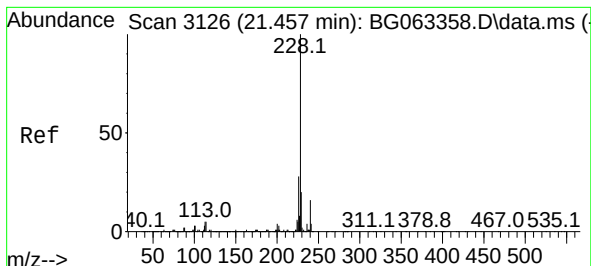
Ion Ratio Lower Upper

252 100

254 63.5 51.9 77.9

126 5.3 4.1 6.1





#85

Benzo(a)anthracene

Concen: 32.794 ng/ul

RT: 21.456 min Scan# 3126

Delta R.T. -0.004 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

Instrument :

BNA_G

ClientSampleId :

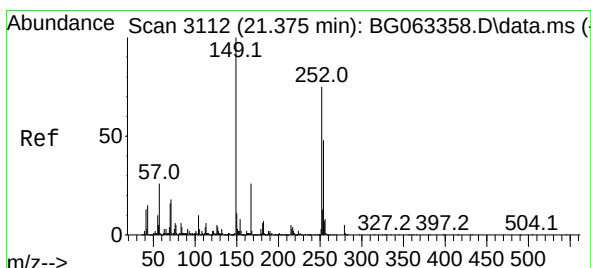
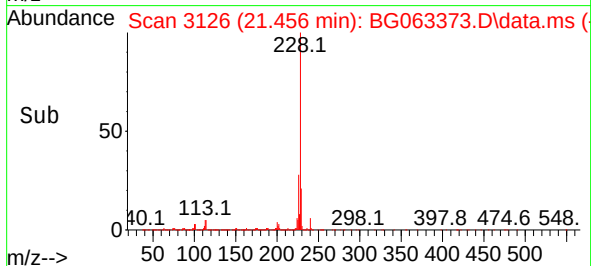
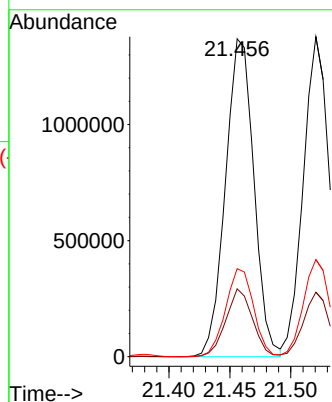
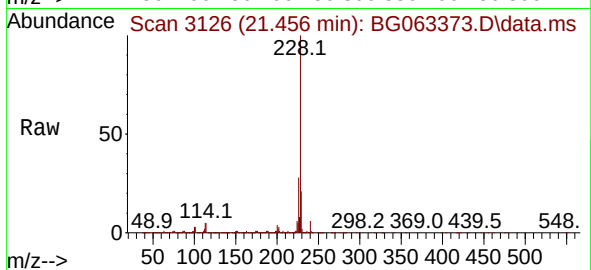
Tgt Ion:228 Resp: 2227309

Ion Ratio Lower Upper

228 100

229 21.4 15.9 23.9

226 27.7 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 36.702 ng/ul

RT: 21.374 min Scan# 3112

Delta R.T. -0.004 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

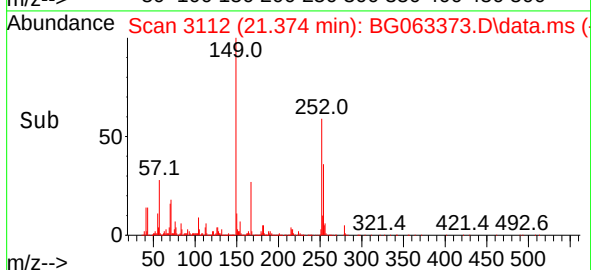
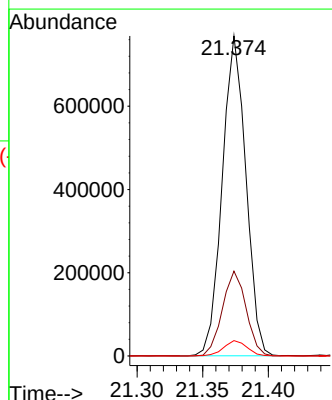
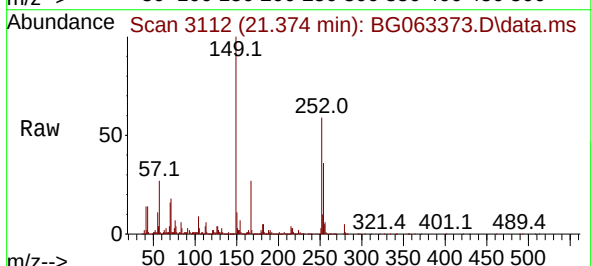
Tgt Ion:149 Resp: 963658

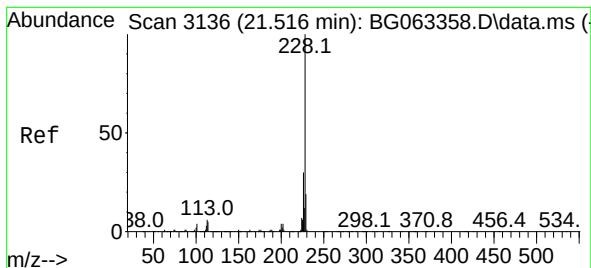
Ion Ratio Lower Upper

149 100

167 26.5 20.6 31.0

279 4.8 4.2 6.4





#87

Chrysene

Concen: 32.334 ng/ul

RT: 21.521 min Scan# 3136

Delta R.T. -0.004 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

Instrument :

BNA_G

ClientSampleId :

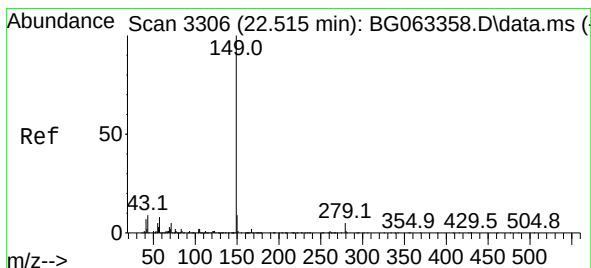
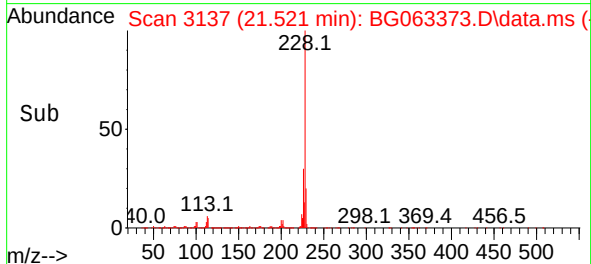
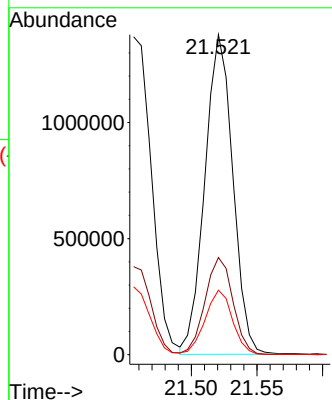
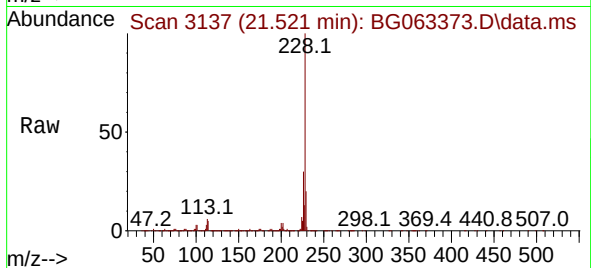
Tgt Ion:228 Resp: 2047432

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

229 20.2 16.6 24.8



#89

Di-n-octyl phthalate

Concen: 37.858 ng/ul

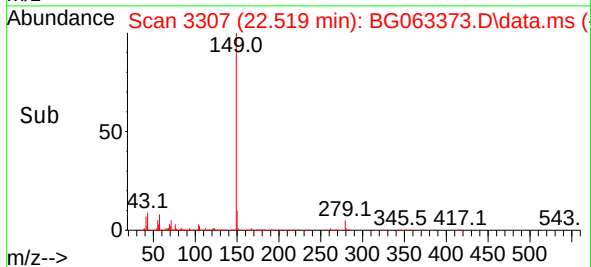
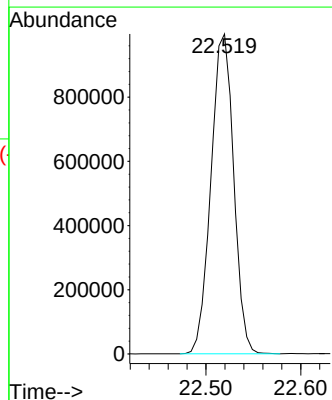
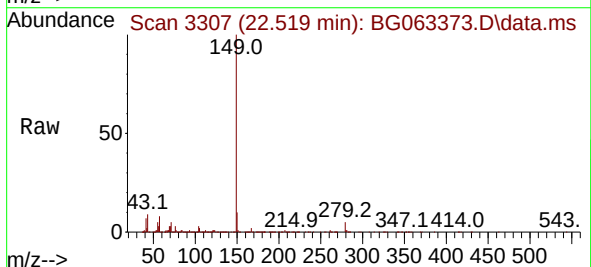
RT: 22.519 min Scan# 3307

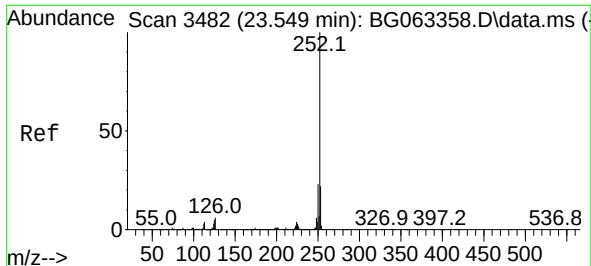
Delta R.T. -0.004 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

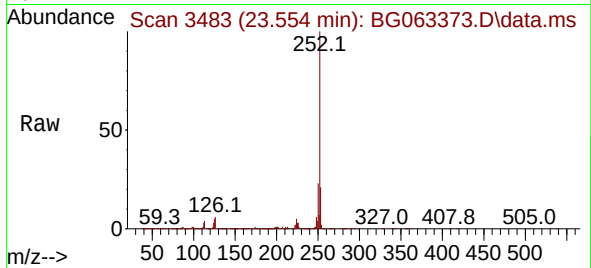
Tgt Ion:149 Resp: 1658065



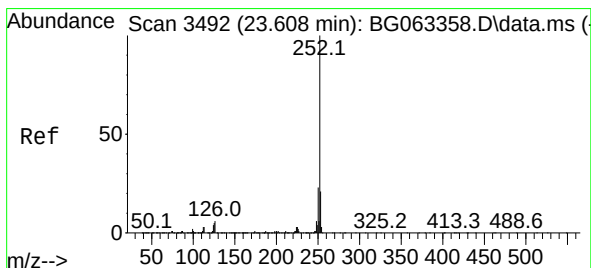
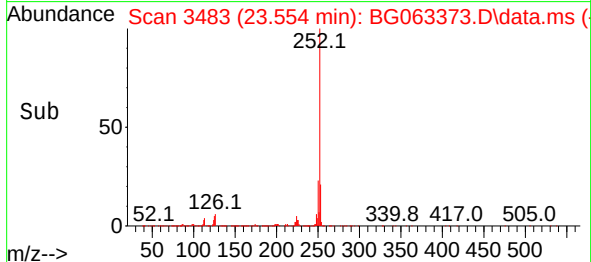
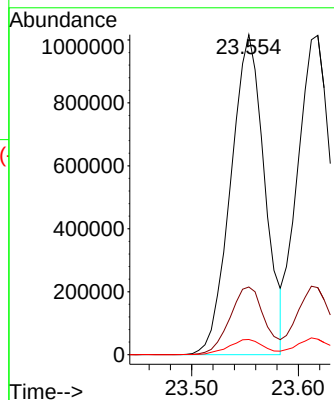


#90
Benzo(b)fluoranthene
Concen: 33.620 ng/ul
RT: 23.554 min Scan# 3483
Delta R.T. -0.004 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

Instrument :
BNA_G
ClientSampleId :

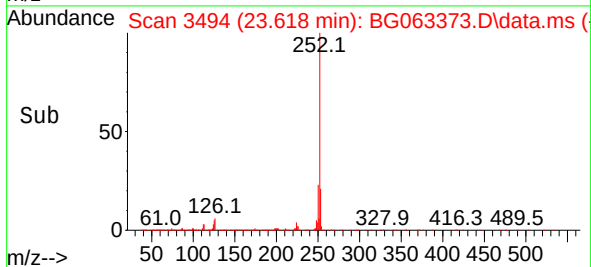
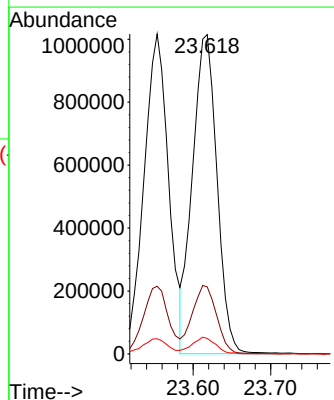
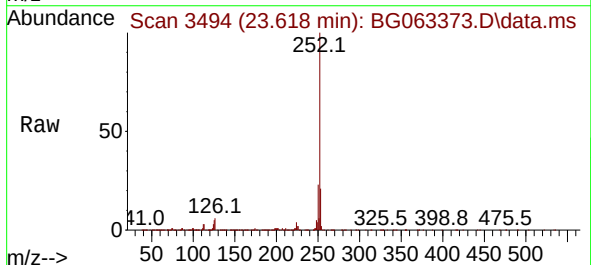


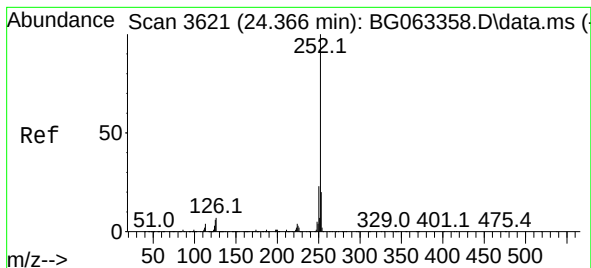
Tgt Ion:252 Resp: 2248172
Ion Ratio Lower Upper
252 100
253 21.2 17.1 25.7
125 4.8 3.4 5.0



#91
Benzo(k)fluoranthene
Concen: 33.437 ng/ul
RT: 23.618 min Scan# 3494
Delta R.T. 0.001 min
Lab File: BG063373.D
Acq: 14 Nov 2024 2:55

Tgt Ion:252 Resp: 2227107
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.0
125 4.9 3.3 4.9





#93

Benzo(a)pyrene

Concen: 32.348 ng/ul

RT: 24.370 min Scan# 3

Delta R.T. 0.001 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

Instrument :

BNA_G

ClientSampleId :

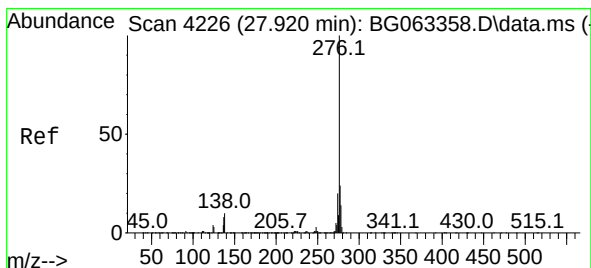
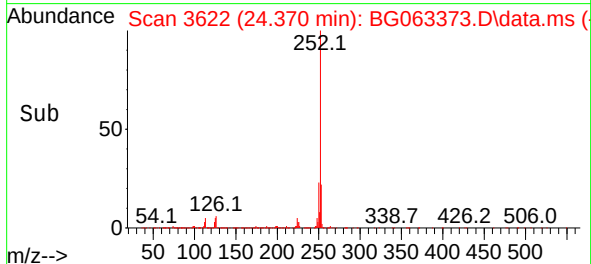
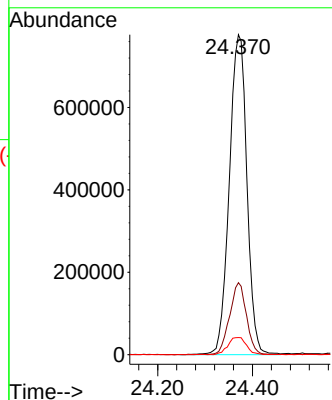
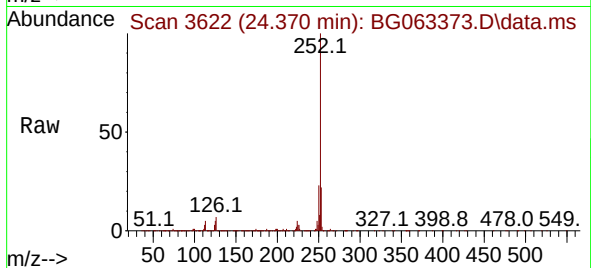
Tgt Ion:252 Resp: 2000872

Ion Ratio Lower Upper

252 100

253 22.5 15.8 23.6

125 5.4 3.4 5.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 32.990 ng/ul

RT: 27.937 min Scan# 4229

Delta R.T. 0.013 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

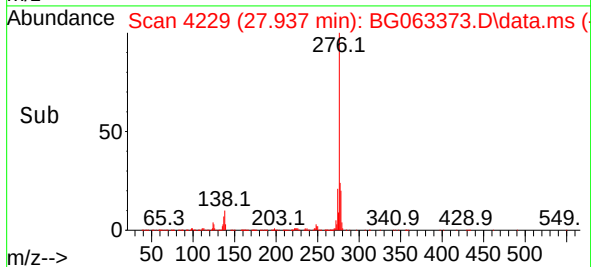
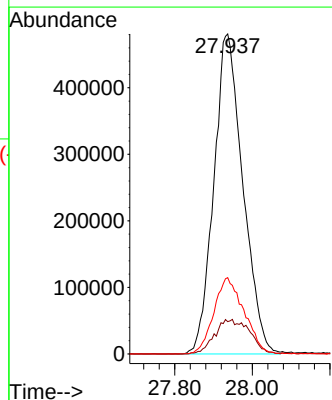
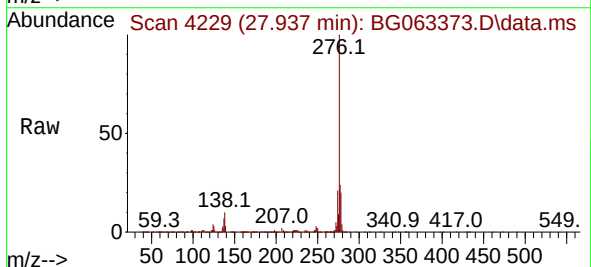
Tgt Ion:276 Resp: 2502970

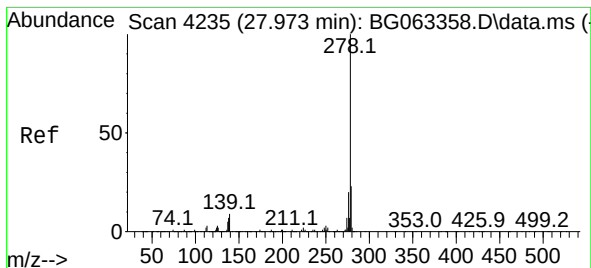
Ion Ratio Lower Upper

276 100

138 10.1 7.5 11.3

277 23.9 17.4 26.0





#95

Dibenzo(a,h)anthracene

Concen: 33.069 ng/ul

RT: 27.990 min Scan# 41

Delta R.T. 0.013 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

Instrument :

BNA_G

ClientSampleId :

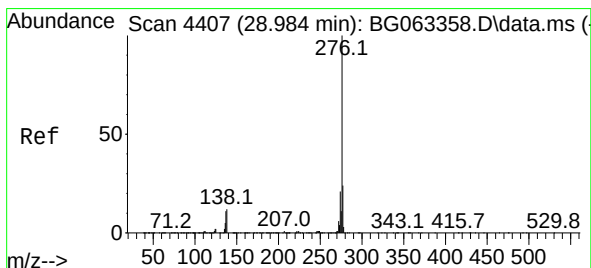
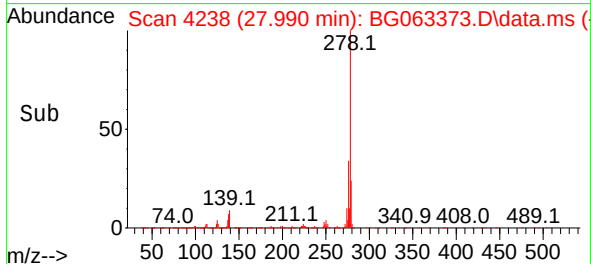
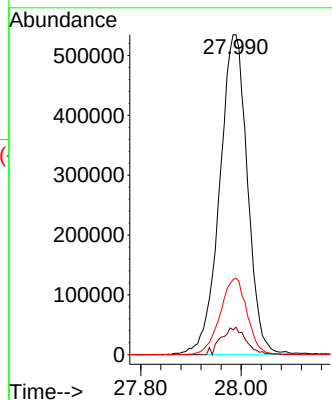
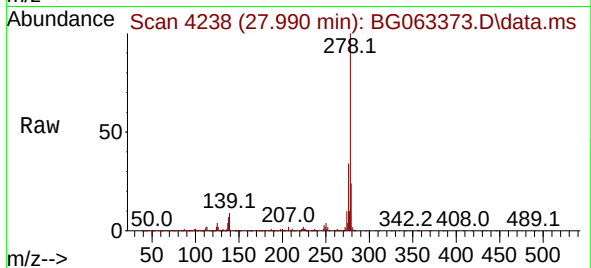
Tgt Ion:278 Resp: 2045499

Ion Ratio Lower Upper

278 100

139 8.6 5.0 7.6#

279 23.8 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 33.137 ng/ul

RT: 29.006 min Scan# 4411

Delta R.T. 0.013 min

Lab File: BG063373.D

Acq: 14 Nov 2024 2:55

Tgt Ion:276 Resp: 1906186

Ion Ratio Lower Upper

276 100

138 10.9 8.1 12.1

277 23.3 18.6 27.8

