

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
 Data File : BG023193.D
 Acq On : 20 Jul 2016 18:32
 Operator : UM/SJ
 Sample : MDL-01-W
 Misc : MDL 4PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-01-W

Quant Time: Jul 21 04:25:34 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 21 04:24:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	93185	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	447274	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	343545	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	860150	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	896500	20.00	ng/ul	0.00
83) Perylene-d12	25.29	264	854176	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	7831	3.80	ng/uL	0.00
5) Phenol-d5	7.29	99	315292	32.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	223210	35.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	207263	32.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	251614	33.66	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	124158	34.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	145964	34.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	250934	31.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	367646	45.20	ng/ul	0.00
43) Dimethylphthalate-d6	14.21	166	1081450	37.86	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	1150537	35.44	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	182121	36.13	ng/ul	0.00
57) Fluorene-d10	15.80	176	949070	36.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	204902	34.62	ng/ul	0.00
70) Anthracene-d10	17.67	188	1488042	36.96	ng/ul	0.00
76) Pyrene-d10	19.96	212	1713566	37.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1529164	38.13	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.55	88	820	0.37 ng/uL#	84
4) Benzaldehyde	7.27	77	22254	3.73 ng/ul#	82
6) Phenol	7.31	94	23868	2.39 ng/ul#	53
8) Bis(2-Chloroethyl)ether	7.54	93	21388	2.85 ng/ul#	80
10) 2-Chlorophenol	7.70	128	17855	2.69 ng/ul#	86
11) 2-Methylphenol	8.58	108	19389	2.63 ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.67	45	28625	2.82 ng/ul#	87
14) Acetophenone	8.97	105	39501	3.04 ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.95	70	25398	2.96 ng/ul#	84
16) 4-Methylphenol	8.91	108	22566	2.74 ng/ul#	76
17) Hexachloroethane	9.23	117	8749	2.79 ng/ul#	82
20) Nitrobenzene	9.36	77	34508	2.99 ng/ul#	74
21) Isophorone	9.88	82	66880	3.04 ng/ul#	94
23) 2-Nitrophenol	10.08	139	11949	2.68 ng/ul#	48
24) 2,4-Dimethylphenol	10.13	107	28359	2.77 ng/ul#	62
25) Bis(2-Chloroethoxy)methane	10.37	93	35881	2.95 ng/ul	99
27) 2,4-Dichlorophenol	10.62	162	20341	2.62 ng/ul#	86
28) Naphthalene	11.03	128	65990	2.93 ng/ul#	90
30) 4-Chloroaniline	11.14	127	26001	3.09 ng/ul#	88
31) Hexachlorobutadiene	11.30	225	16854	2.70 ng/ul	87
32) Caprolactam	11.94	113	1397	0.43 ng/ul	95
33) 4-Chloro-3-methylphenol	12.26	107	28101	2.75 ng/ul#	70
34) 2-Methylnaphthalene	12.63	142	53436	2.87 ng/ul	93

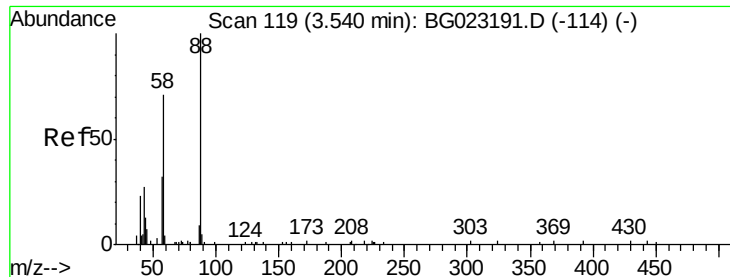
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	30405	2.65	ng/ul	96
37) Hexachlorocyclopentadiene	12.97	237	15057	2.02	ng/ul#	92
38) 2,4,6-Trichlorophenol	13.24	196	19853	2.50	ng/ul	93
39) 2,4,5-Trichlorophenol	13.32	196	20926	2.58	ng/ul	95
40) 1,1'-Biphenyl	13.64	154	76900	2.98	ng/ul#	90
41) 2-Chloronaphthalene	13.68	162	59526	2.87	ng/ul	95
42) 2-Nitroaniline	13.89	65	25332	2.74	ng/ul#	59
44) Dimethylphthalate	14.25	163	91988	3.18	ng/ul	98
45) 2,6-Dinitrotoluene	14.38	165	18816	3.00	ng/ul#	87
47) Acenaphthylene	14.54	152	101848	3.10	ng/ul	96
48) 3-Nitroaniline	14.71	138	16947	3.16	ng/ul#	59
49) Acenaphthene	14.88	153	63417	2.85	ng/ul	92
50) 2,4-Dinitrophenol	14.93	184	5539	1.41	ng/ul#	82
52) 4-Nitrophenol	15.02	109	19430	3.24	ng/ul#	51
53) Dibenzofuran	15.21	168	102134	3.12	ng/ul#	76
54) 2,4-Dinitrotoluene	15.17	165	29330	3.07	ng/ul#	51
55) 2,3,4,6-Tetrachlorophenol	15.43	232	21691	2.65	ng/ul#	91
56) Diethylphthalate	15.62	149	98161	3.19	ng/ul	98
58) Fluorene	15.86	166	84232	3.12	ng/ul#	99
59) 4-Chlorophenyl-phenylether	15.85	204	44168	2.98	ng/ul#	84
60) 4-Nitroaniline	15.88	138	20185	3.06	ng/ul#	59
63) 4,6-Dinitro-2-methylphenol	15.93	198	19032	3.04	ng/ul#	16
64) N-Nitrosodiphenylamine	16.06	169	78260	3.15	ng/ul	95
65) 4-Bromophenyl-phenylether	16.74	248	30041	3.04	ng/ul	90
66) Hexachlorobenzene	16.87	284	31155	3.07	ng/ul	97
67) Atrazine	17.01	200	33105	3.12	ng/ul	96
68) Pentachlorophenol	17.22	266	12775	2.03	ng/ul#	81
69) Phenanthrene	17.61	178	145591	3.29	ng/ul	99
71) Anthracene	17.71	178	151980	3.27	ng/ul	95
72) Carbazole	17.98	167	123510	3.38	ng/ul	99
73) Di-n-butylphthalate	18.52	149	164733	3.25	ng/ul#	97
74) Fluoranthene	19.62	202	183451	3.94	ng/ul#	92
77) Pyrene	19.99	202	194327	3.57	ng/ul#	91
78) Butylbenzylphthalate	20.86	149	72684	3.07	ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.78	252	58662	3.28	ng/ul#	96
80) Benzo(a)anthracene	21.87	228	183816	3.45	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.75	149	104331	3.23	ng/ul#	98
82) Chrysene	21.94	228	172032	3.56	ng/ul	95
84) Di-n-octyl phthalate	23.03	149	178495	3.77	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	168947	3.25	ng/ul#	85
86) Benzo(k)fluoranthene	24.28	252	164673	3.34	ng/ul#	94
88) Benzo(a)pyrene	25.13	252	157564	3.18	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.18	276	157908	2.83	ng/ul#	81
90) Dibenzo(a,h)anthracene	29.27	278	135152	2.94	ng/ul#	92
91) Benzo(g,h,i)perylene	30.38	276	43660	0.95	ng/ul	95

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



#2

1,4-Dioxane

Concen: 0.37 ng/uL

RT: 3.55 min Scan# 121

Delta R.T. 0.01 min

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MDL-01-W

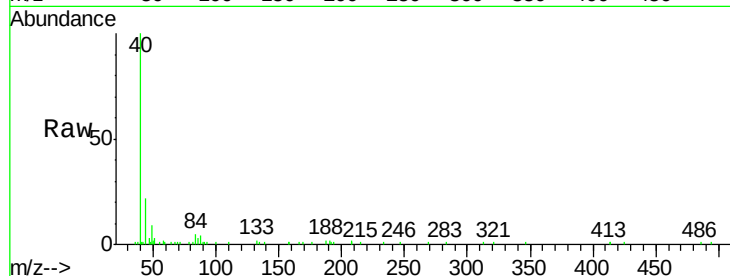
Tgt Ion: 88 Resp: 820

Ion Ratio Lower Upper

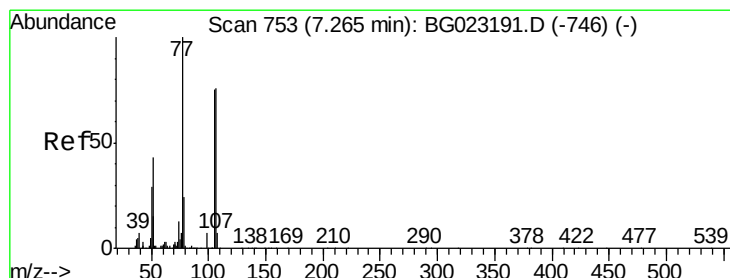
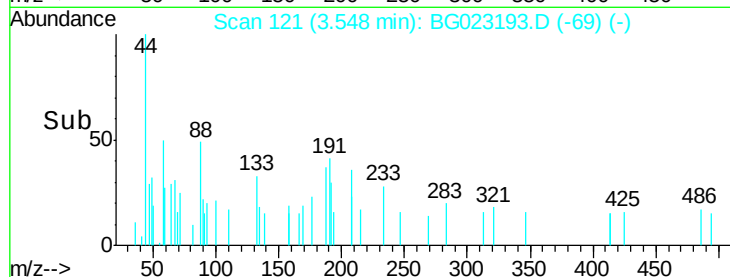
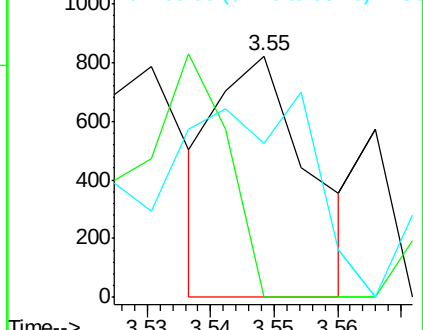
88 100

43 0.0 16.6 24.8#

58 64.0 47.2 70.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 43.00 (42.70 to 43.70): BGC
Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 3.73 ng/uL

RT: 7.27 min Scan# 754

Delta R.T. 0.00 min

Lab File: BG023193.D

Acq: 20 Jul 2016 18:32

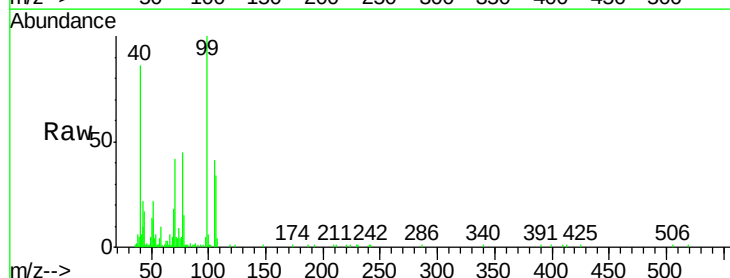
Tgt Ion: 77 Resp: 22254

Ion Ratio Lower Upper

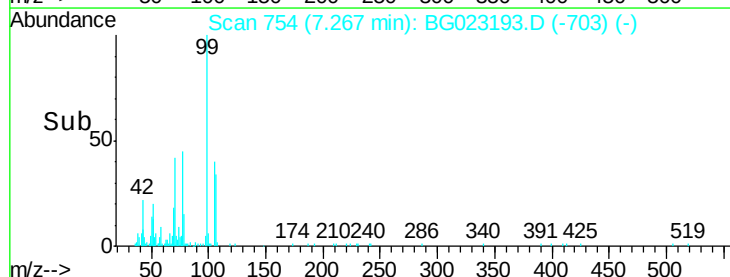
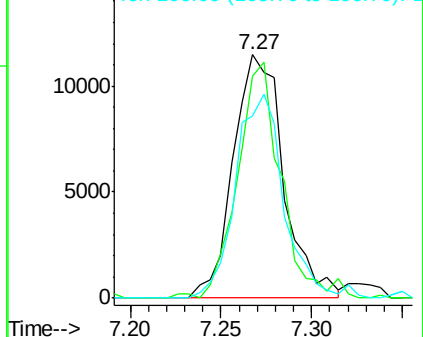
77 100

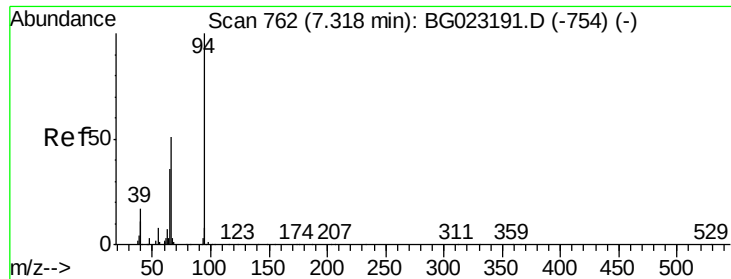
105 91.0 83.8 125.8

106 74.9 77.9 116.9#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 2.39 ng/ul

RT: 7.31 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG023193.D

Acq: 20 Jul 2016 18:32

Instrument :

BNA_G

ClientSampleId :

MDL-01-W

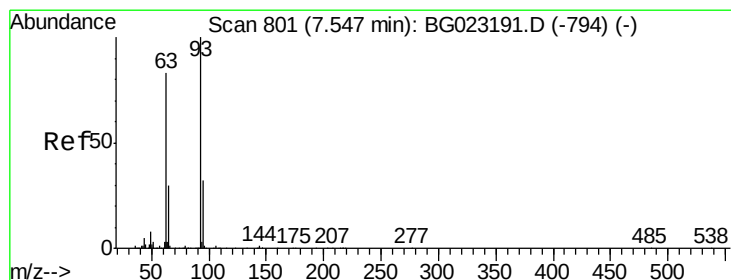
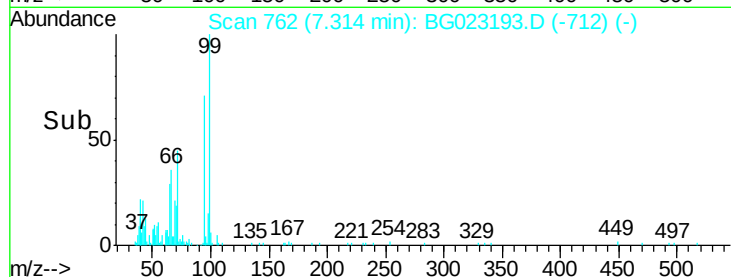
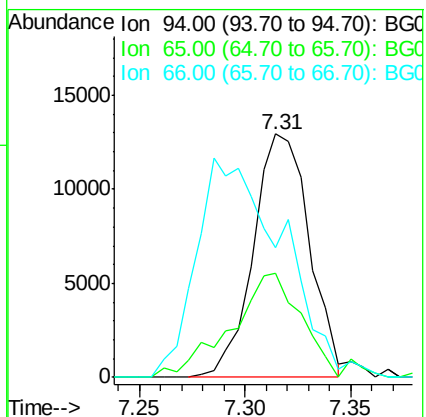
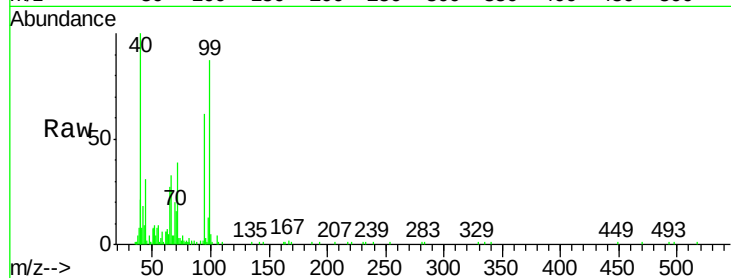
Tgt Ion: 94 Resp: 23868

Ion Ratio Lower Upper

94 100

65 43.0 16.8 25.2#

66 53.4 22.6 33.8#



#8

Bis(2-Chloroethyl)ether

Concen: 2.85 ng/ul

RT: 7.54 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG023193.D

Acq: 20 Jul 2016 18:32

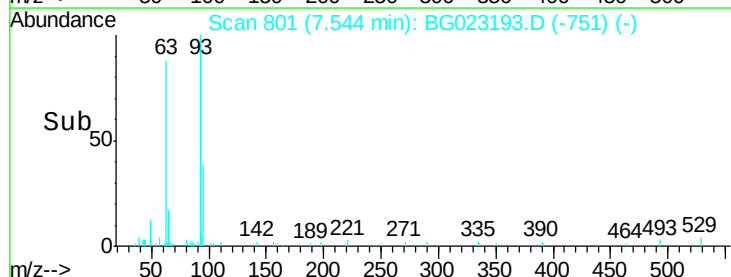
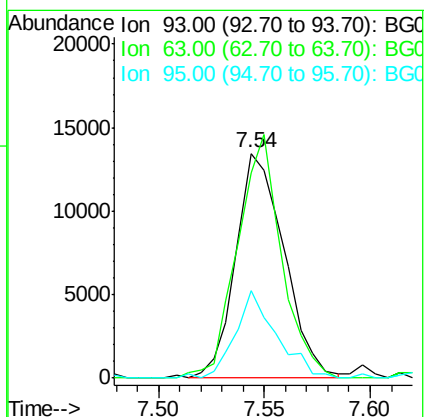
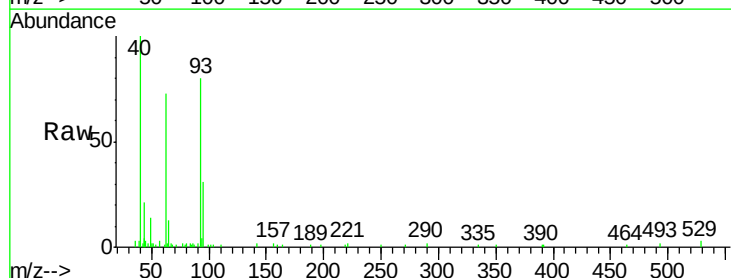
Tgt Ion: 93 Resp: 21388

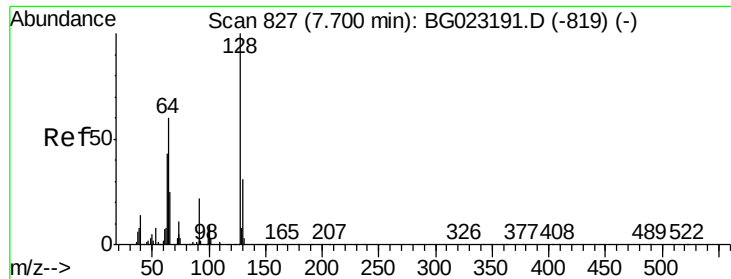
Ion Ratio Lower Upper

93 100

63 91.3 56.0 84.0#

95 38.8 27.7 41.5

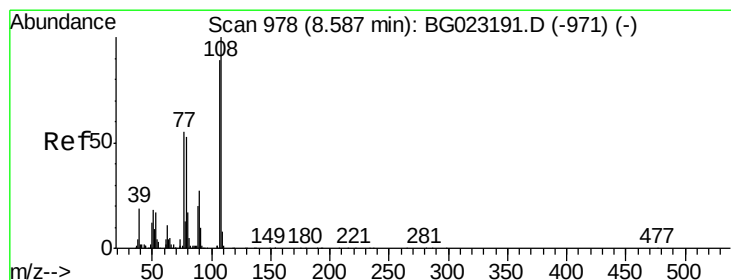
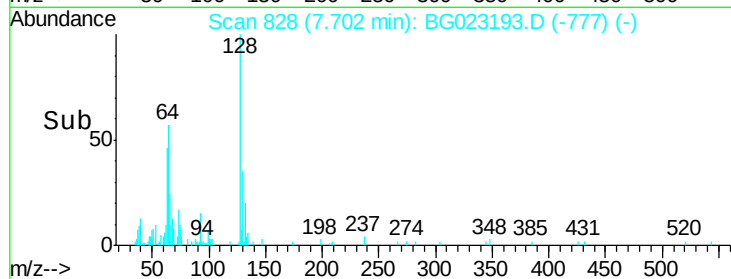
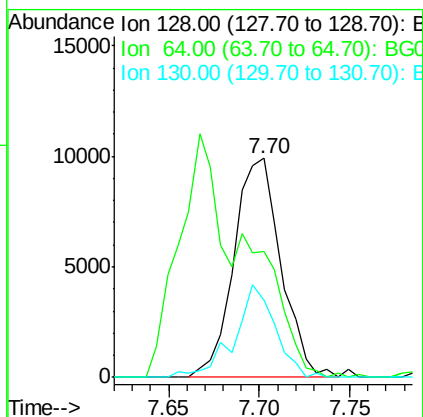
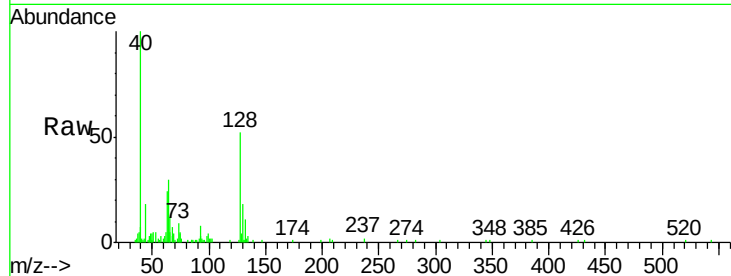




#10
2-Chlorophenol
Concen: 2.69 ng/ul
RT: 7.70 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG023193.D
Acq: 20 Jul 2016 18:32

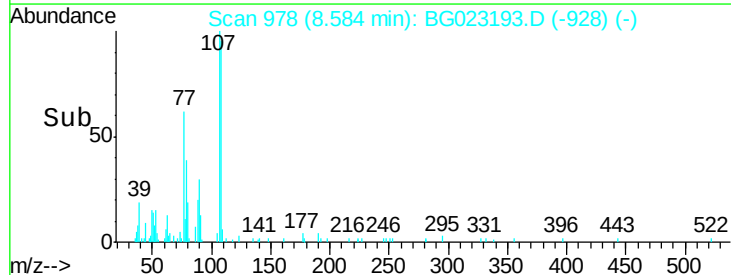
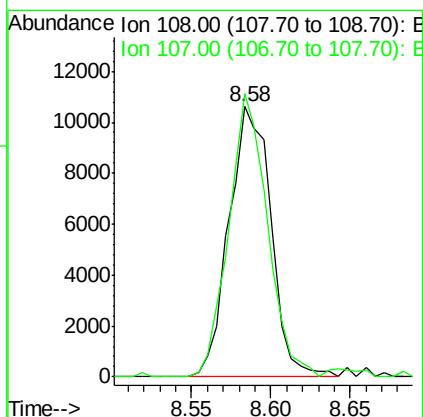
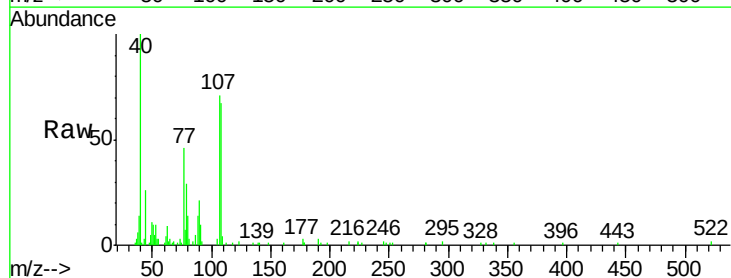
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ClientSampleId :
MDL-01-W

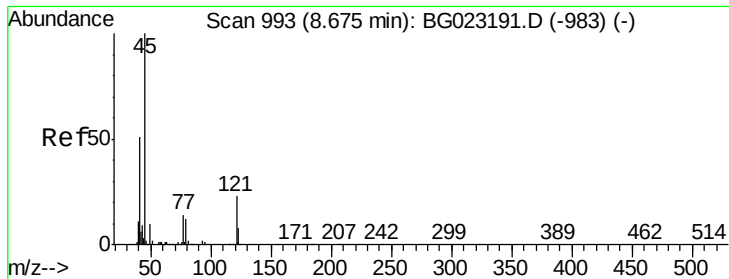
Tgt Ion:128 Resp: 17855
Ion Ratio Lower Upper
128 100
64 57.4 34.2 51.4#
130 35.1 27.0 40.4



#11
2-Methylphenol
Concen: 2.63 ng/ul
RT: 8.58 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG023193.D
Acq: 20 Jul 2016 18:32

Tgt Ion:108 Resp: 19389
Ion Ratio Lower Upper
108 100
107 104.8 78.6 117.8

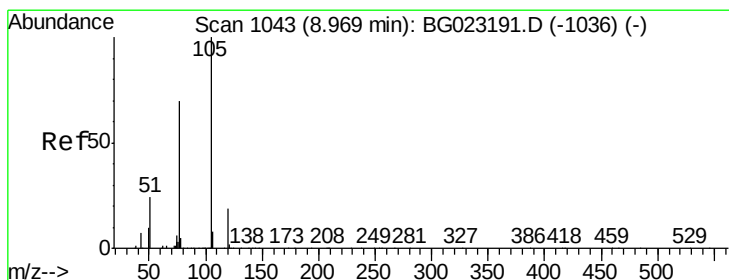
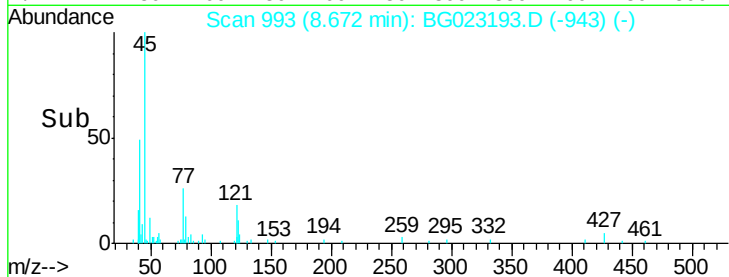
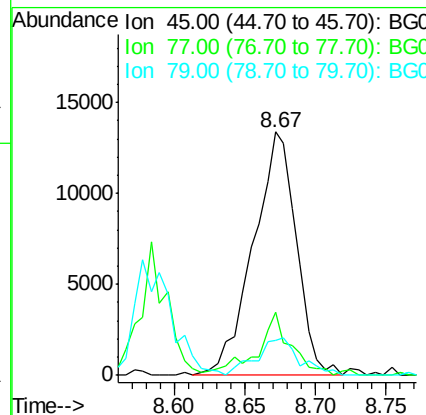
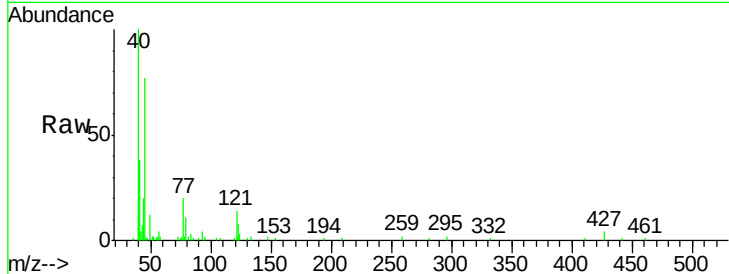




#12
2,2'-oxybis(1-chloropropane)
Concen: 2.82 ng/ul
RT: 8.67 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG023193.D
Acq: 20 Jul 2016 18:32

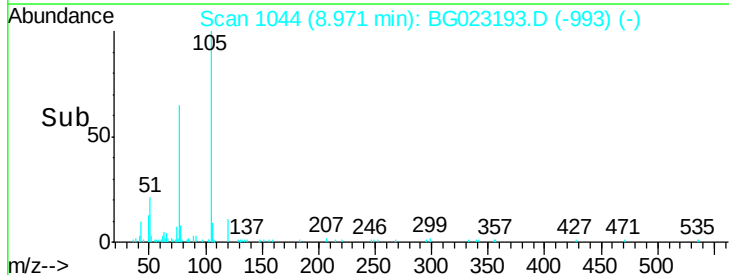
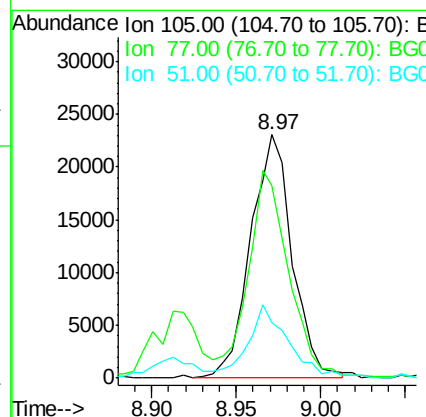
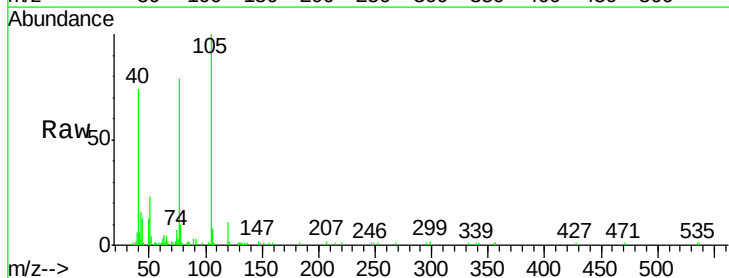
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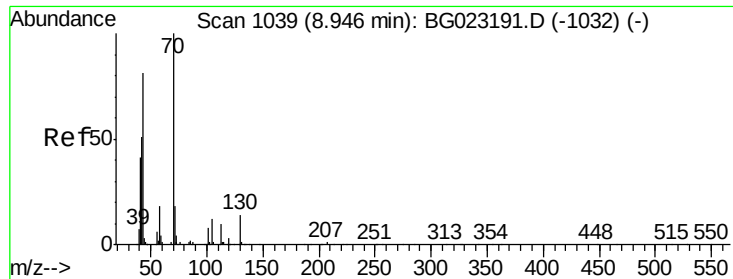
Tgt Ion: 45 Resp: 28625
Ion Ratio Lower Upper
45 100
77 25.8 13.4 20.2#
79 14.3 10.2 15.4



#14
Acetophenone
Concen: 3.04 ng/ul
RT: 8.97 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG023193.D
Acq: 20 Jul 2016 18:32

Tgt Ion: 105 Resp: 39501
Ion Ratio Lower Upper
105 100
77 79.1 56.1 84.1
51 23.0 14.6 22.0#

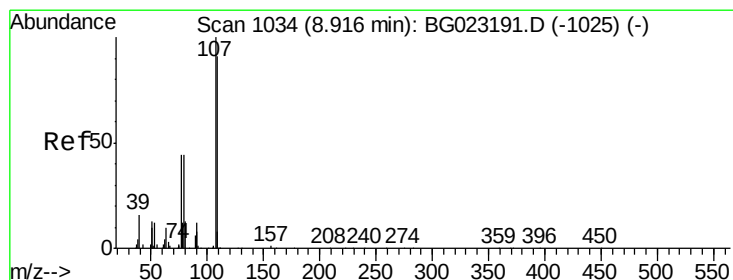
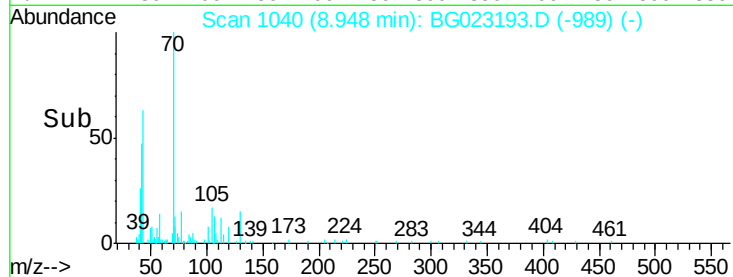
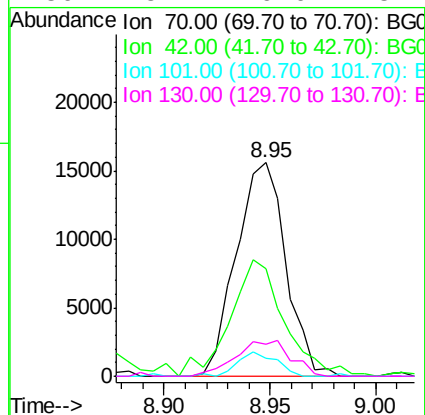
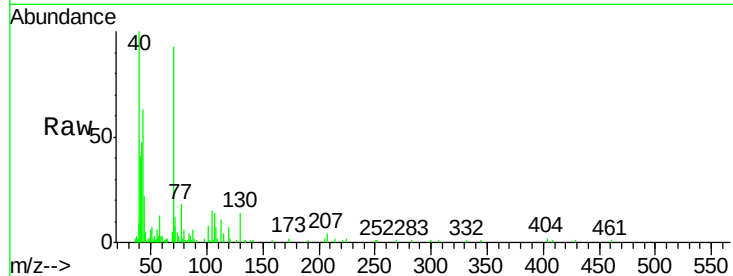




#15
N-Nitroso-di-n-propylamine
Concen: 2.96 ng/ul
RT: 8.95 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG023193.D
Acq: 20 Jul 2016 18:32

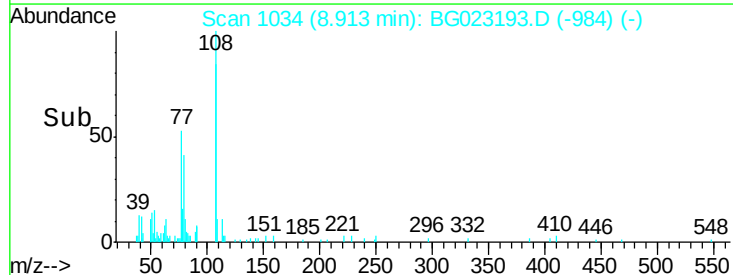
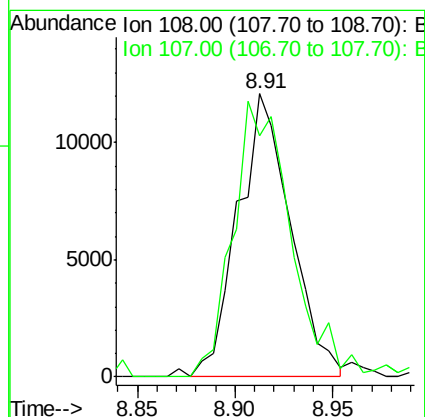
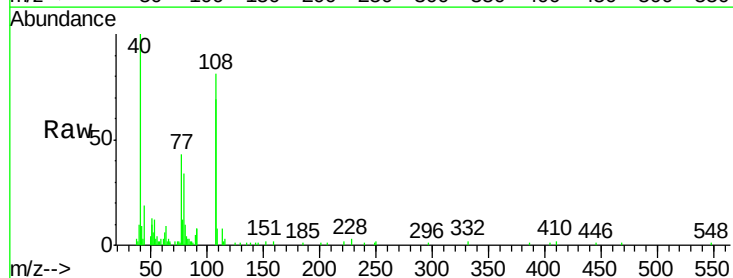
Instrument :
BNA_G
ClientSampleId :
MDL-01-W

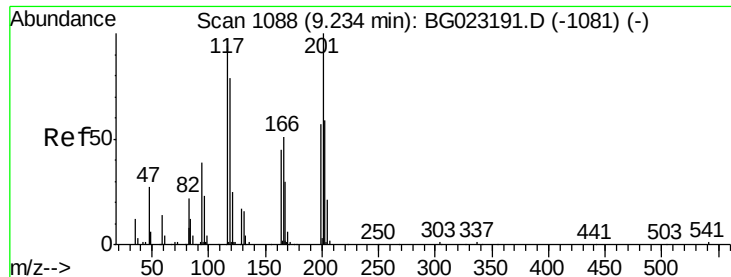
Tgt Ion:	70	Resp:	25398
Ion Ratio	Lower	Upper	
70	100		
42	50.2	31.4	47.2#
101	8.2	8.6	13.0#
130	15.1	19.0	28.4#



#16
4-Methylphenol
Concen: 2.74 ng/ul
RT: 8.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG023193.D
Acq: 20 Jul 2016 18:32

Tgt Ion:	108	Resp:	22566
Ion Ratio	Lower	Upper	
108	100		
107	85.3	88.3	132.5#





#17

Hexachloroethane

Concen: 2.79 ng/ul

RT: 9.23 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BG023193.D

Acq: 20 Jul 2016 18:32

Instrument :

BNA_G

ClientSampleId :

MDL-01-W

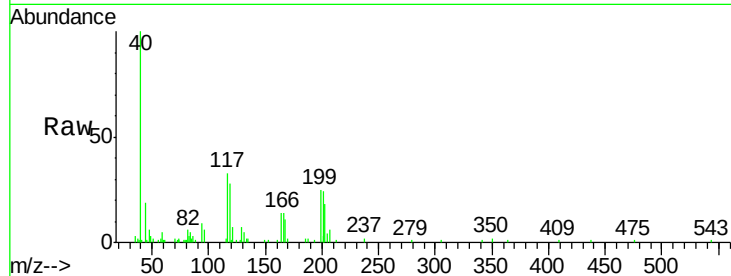
Tgt Ion:117 Resp: 8749

Ion Ratio Lower Upper

117 100

201 82.7 76.8 115.2

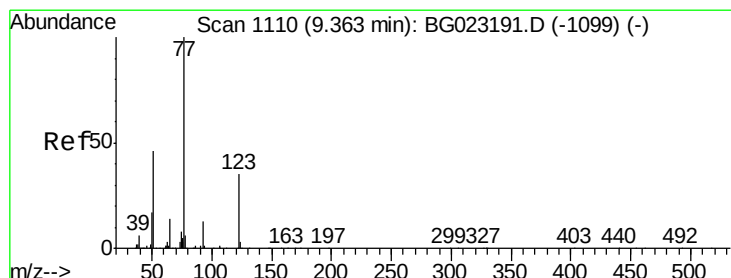
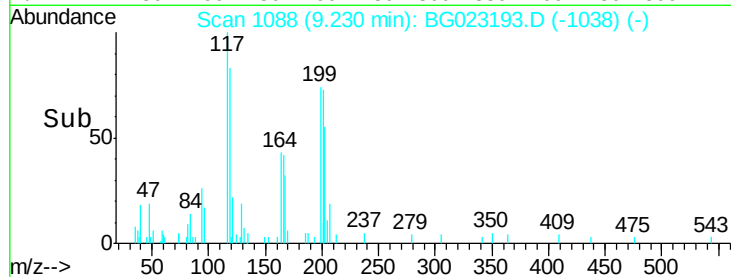
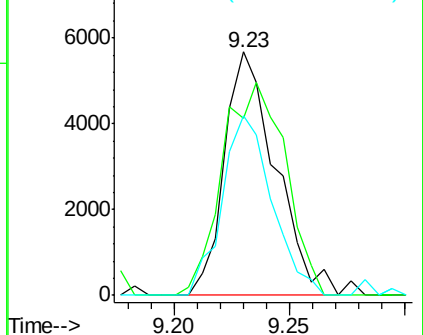
199 73.9 43.5 65.3#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 2.99 ng/ul

RT: 9.36 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BG023193.D

Acq: 20 Jul 2016 18:32

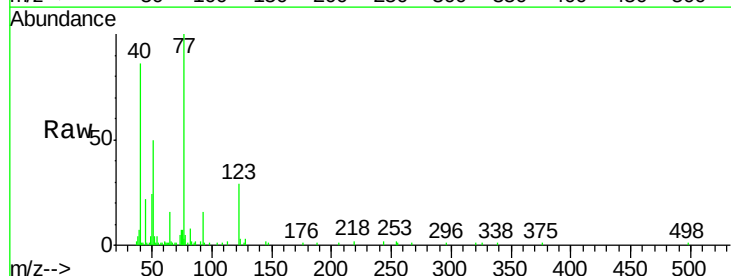
Tgt Ion: 77 Resp: 34508

Ion Ratio Lower Upper

77 100

123 29.3 39.5 59.3#

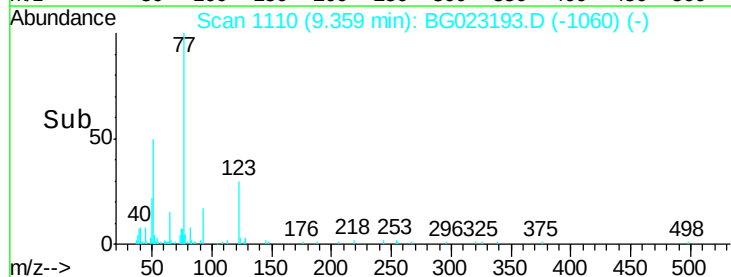
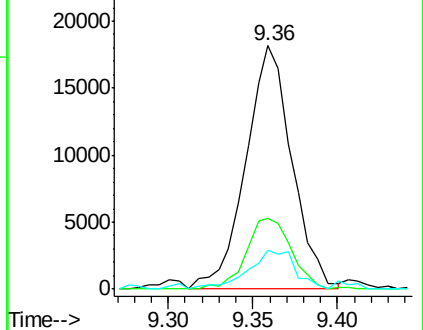
65 15.9 9.0 13.4#

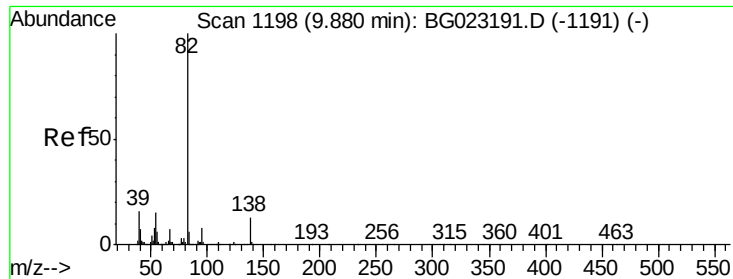


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

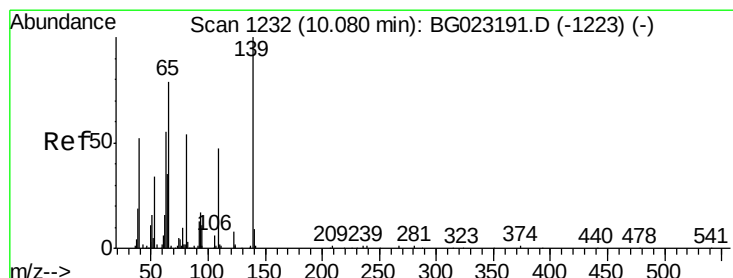
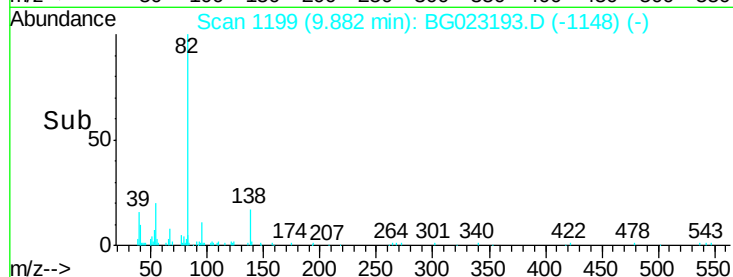
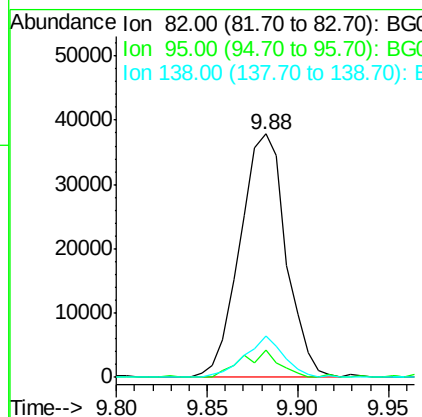
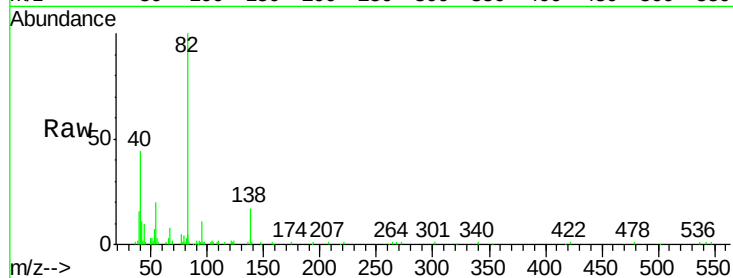




#21
Isophorone
Concen: 3.04 ng/ul
RT: 9.88 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BG023193.D
Acq: 20 Jul 2016 18:32

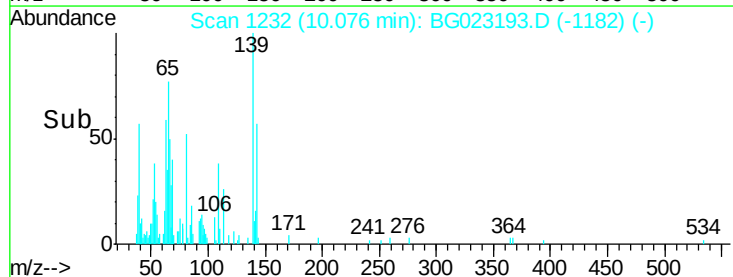
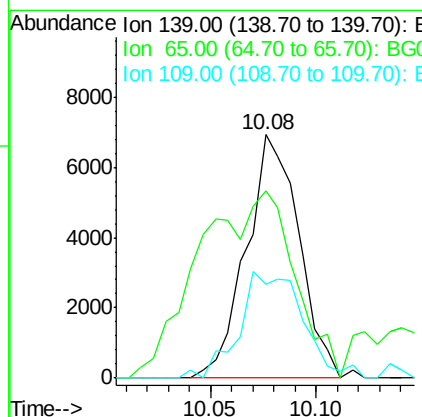
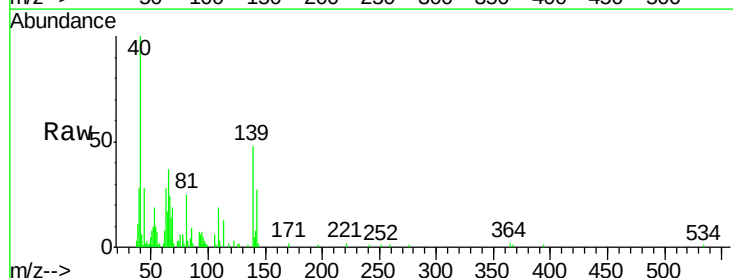
Instrument :
BNA_G
ClientSampleId :
MDL-01-W

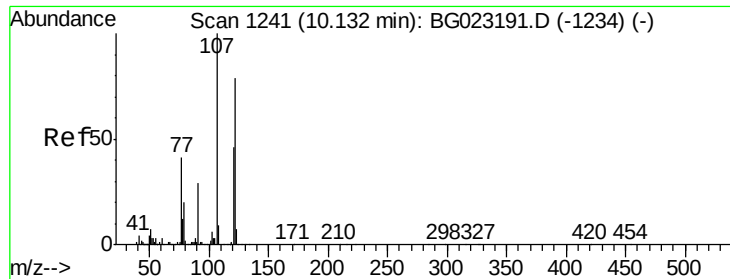
Tgt Ion: 82 Resp: 66880
Ion Ratio Lower Upper
82 100
95 11.2 5.1 7.7#
138 17.1 15.0 22.6



#23
2-Nitrophenol
Concen: 2.68 ng/ul
RT: 10.08 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BG023193.D
Acq: 20 Jul 2016 18:32

Tgt Ion: 139 Resp: 11949
Ion Ratio Lower Upper
139 100
65 77.2 31.8 47.8#
109 38.4 17.1 25.7#

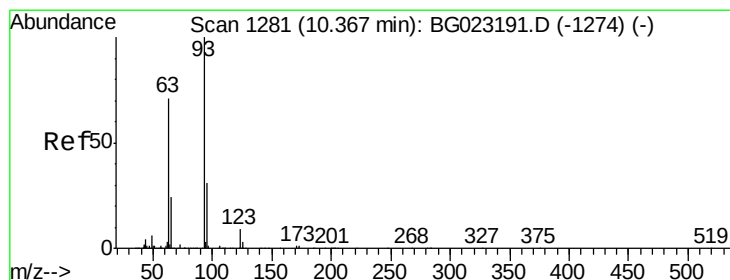
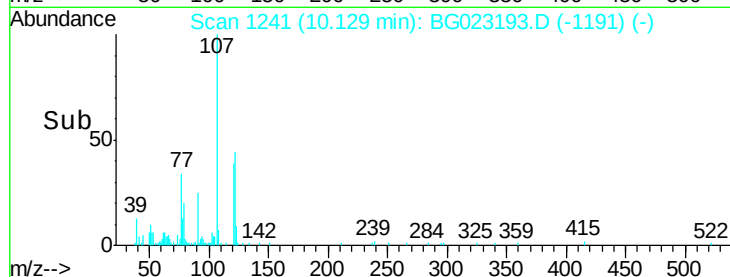
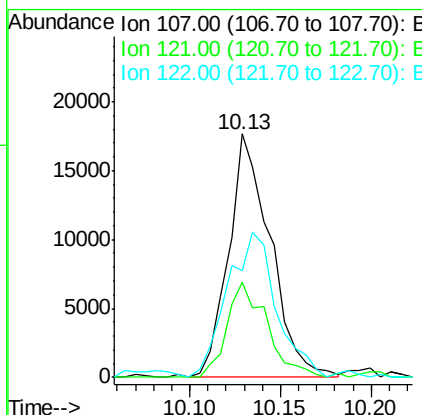
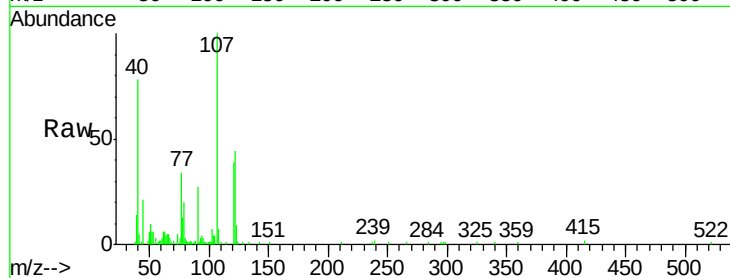




#24
 2,4-Dimethylphenol
 Concen: 2.77 ng/ul
 RT: 10.13 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG023193.D
 Acq: 20 Jul 2016 18:32

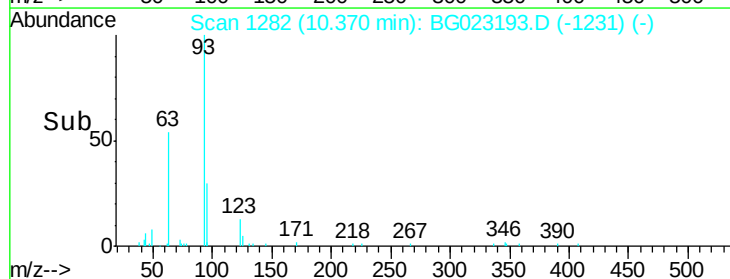
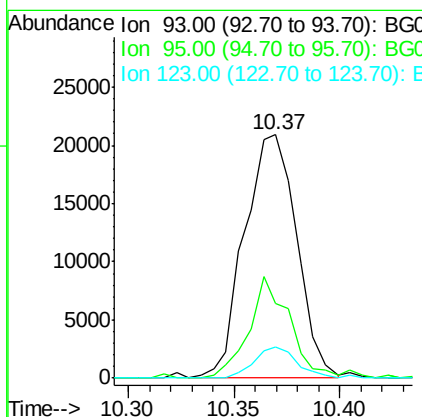
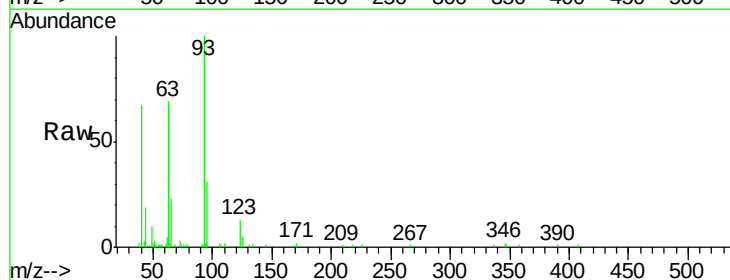
Instrument :
 BNA_G
 ClientSampleId :
 MDL-01-W

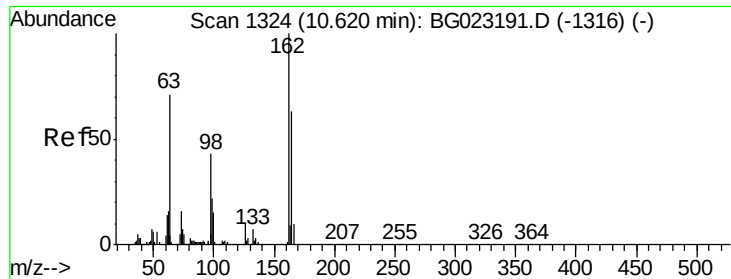
Tgt Ion: 107 Resp: 28359
 Ion Ratio Lower Upper
 107 100
 121 39.2 43.7 65.5#
 122 43.7 70.3 105.5#



#25
 Bis(2-Chloroethoxy)methane
 Concen: 2.95 ng/ul
 RT: 10.37 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BG023193.D
 Acq: 20 Jul 2016 18:32

Tgt Ion: 93 Resp: 35881
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.0 39.0
 123 12.9 10.1 15.1

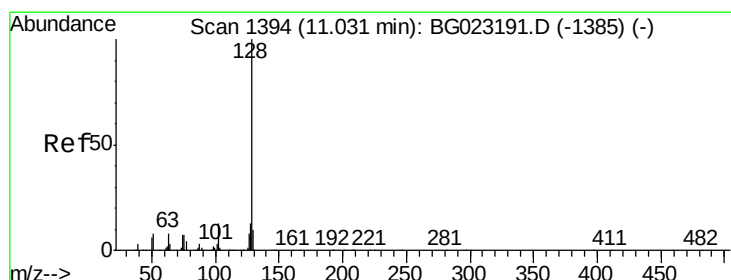
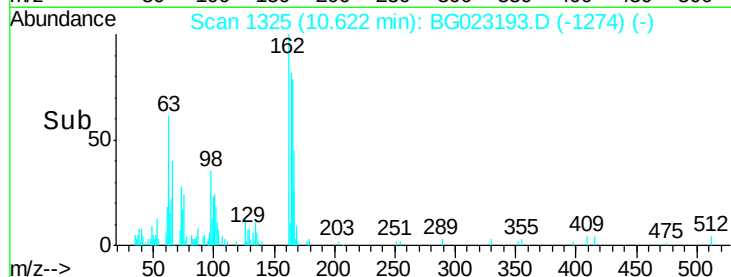
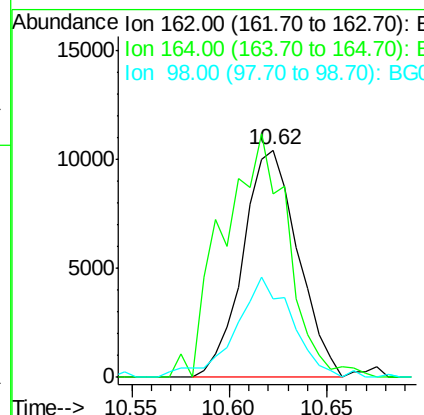
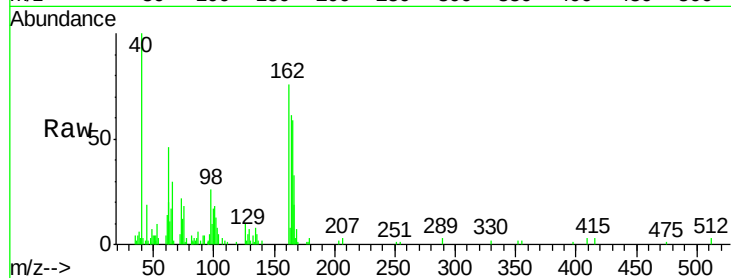




#27
 2,4-Dichlorophenol
 Concen: 2.62 ng/ul
 RT: 10.62 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BG023193.D
 Acq: 20 Jul 2016 18:32

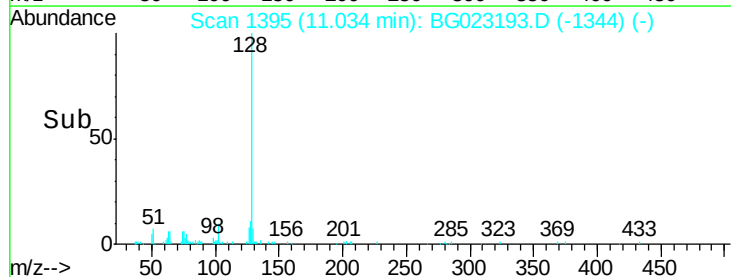
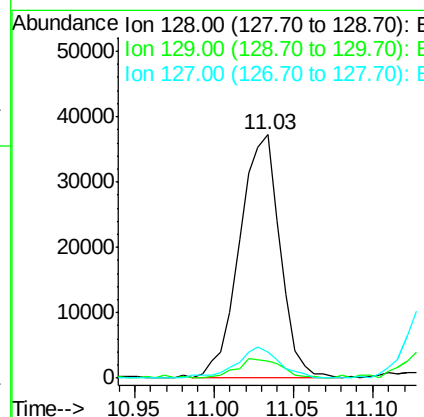
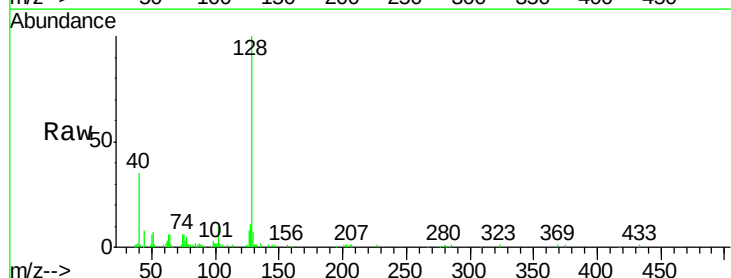
Instrument :
 BNA_G
 ClientSampleId :
 MDL-01-W

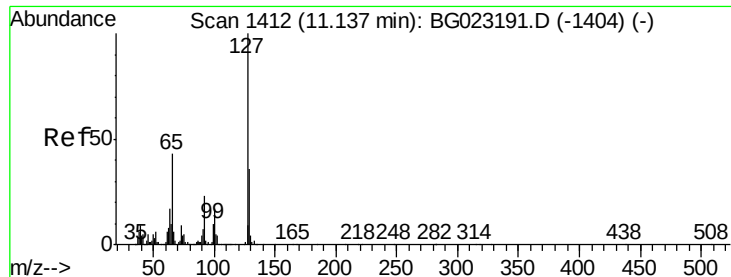
Tgt Ion:162 Resp: 20341
 Ion Ratio Lower Upper
 162 100
 164 80.6 51.6 77.4#
 98 34.4 28.3 42.5



#28
 Naphthalene
 Concen: 2.93 ng/ul
 RT: 11.03 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BG023193.D
 Acq: 20 Jul 2016 18:32

Tgt Ion:128 Resp: 65990
 Ion Ratio Lower Upper
 128 100
 129 7.0 9.4 14.2#
 127 10.8 11.2 16.8#

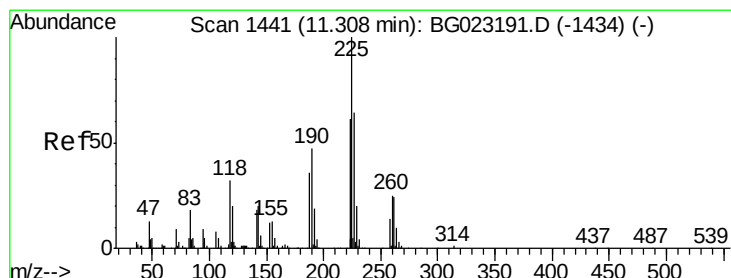
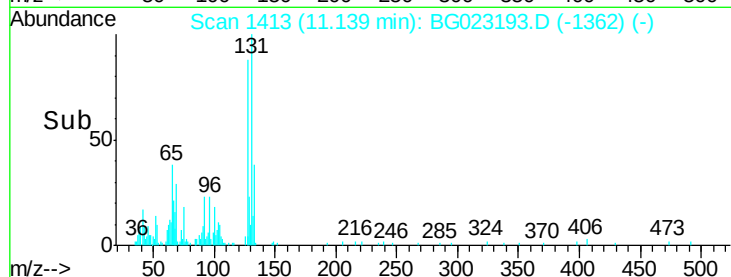
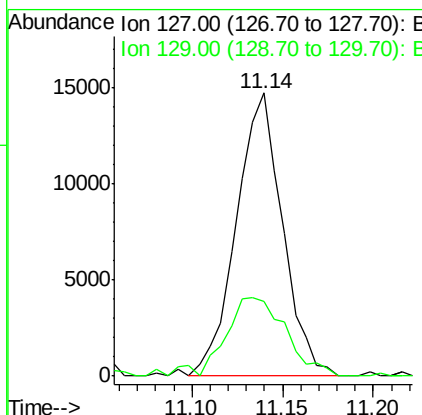
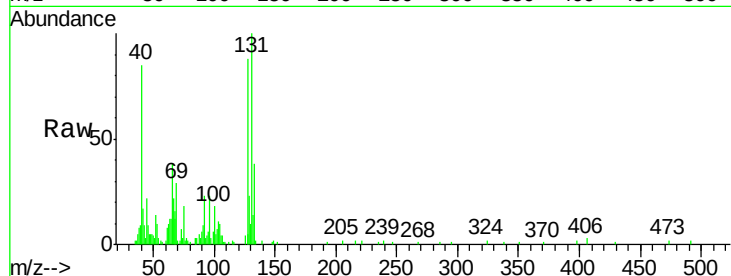




#30
4-Chloroaniline
Concen: 3.09 ng/ul
RT: 11.14 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BG023193.D
Acq: 20 Jul 2016 18:32

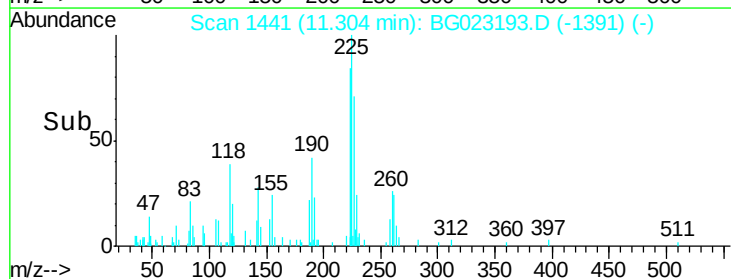
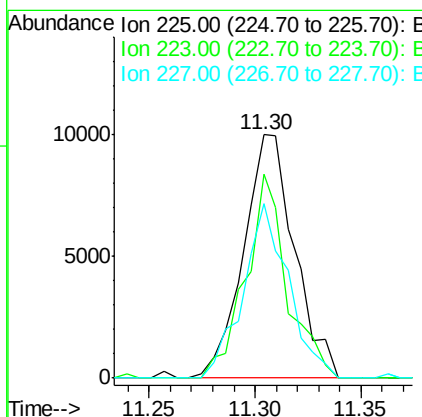
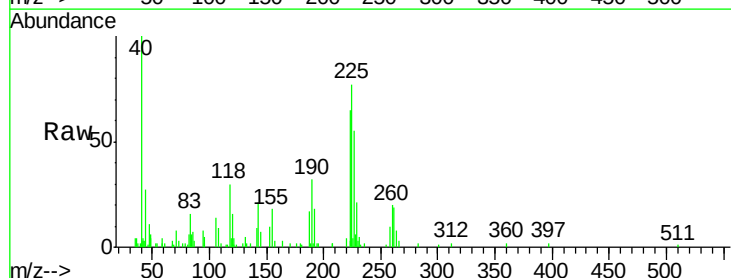
Instrument :
BNA_G
ClientSampleId :
MDL-01-W

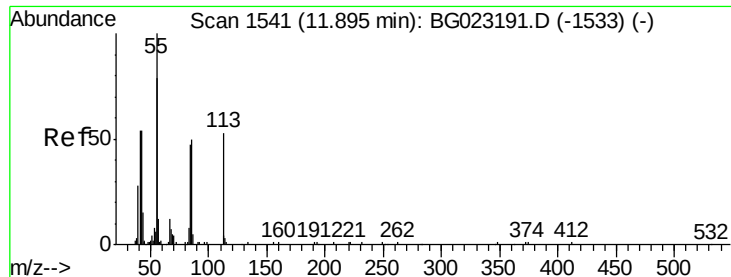
Tgt Ion:127 Resp: 26001
Ion Ratio Lower Upper
127 100
129 26.6 26.9 40.3#



#31
Hexachlorobutadiene
Concen: 2.70 ng/ul
RT: 11.30 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BG023193.D
Acq: 20 Jul 2016 18:32

Tgt Ion:225 Resp: 16854
Ion Ratio Lower Upper
225 100
223 79.8 54.7 82.1
227 75.4 52.2 78.4





#32

Caprolactam

Concen: 0.43 ng/ul

RT: 11.94 min Scan# 1550

Delta R.T. 0.05 min

Lab File: BG023193.D

Acq: 20 Jul 2016 18:32

Instrument :

BNA_G

ClientSampleId :

MDL-01-W

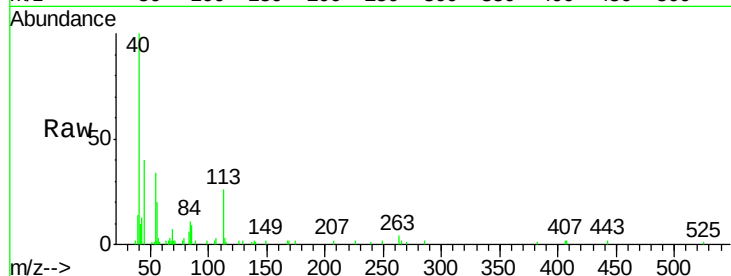
Tgt Ion:113 Resp: 1397

Ion Ratio Lower Upper

113 100

55 129.1 99.6 149.4

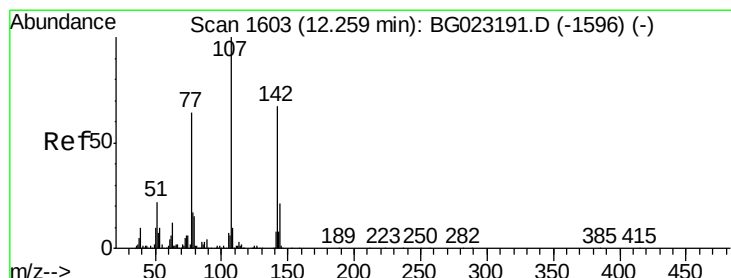
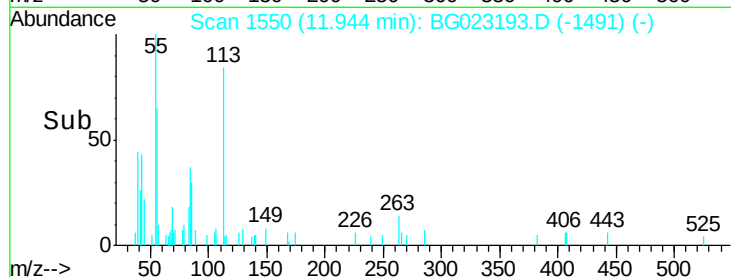
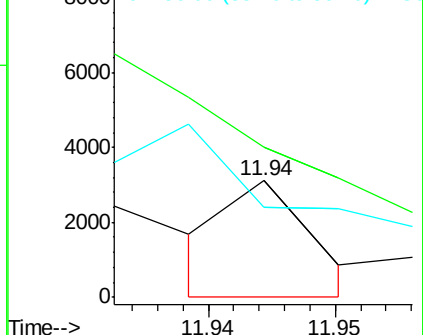
56 77.1 66.4 99.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 2.75 ng/ul

RT: 12.26 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BG023193.D

Acq: 20 Jul 2016 18:32

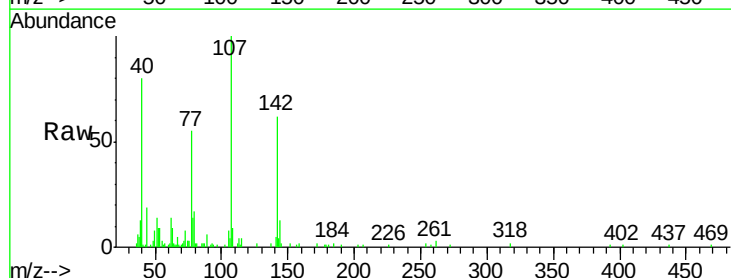
Tgt Ion:107 Resp: 28101

Ion Ratio Lower Upper

107 100

144 12.6 22.7 34.1#

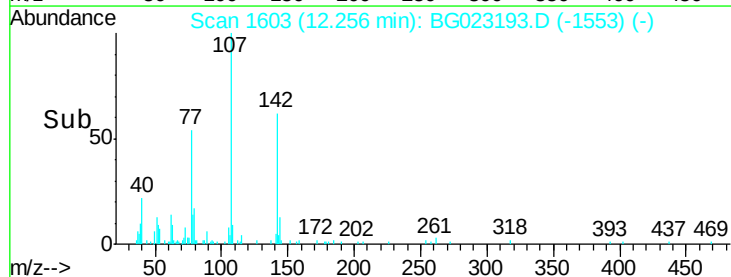
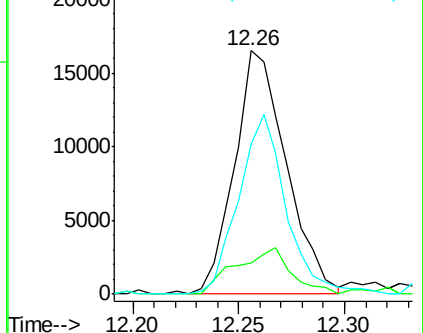
142 61.8 71.6 107.4#

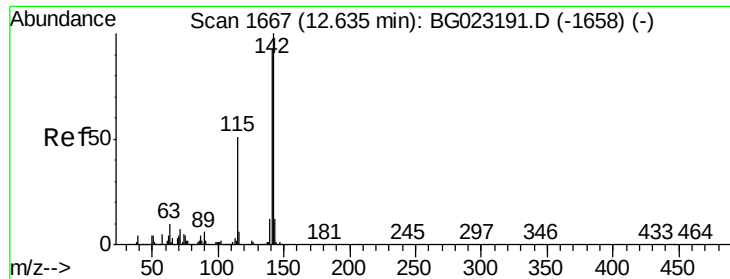


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

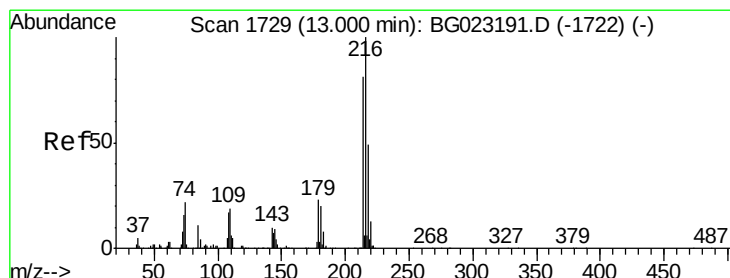
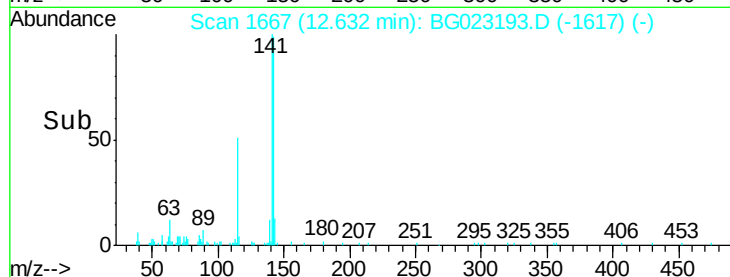
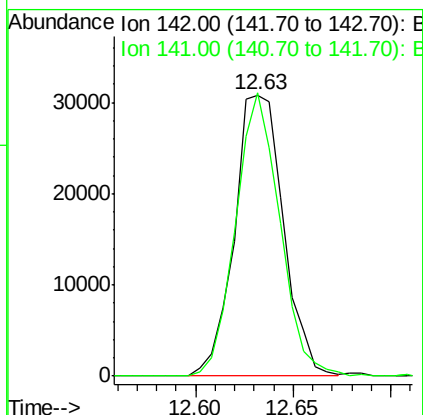
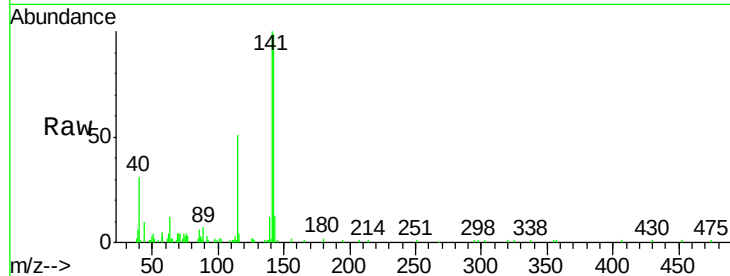




#34
 2-Methylnaphthalene
 Concen: 2.87 ng/ul
 RT: 12.63 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG023193.D
 Acq: 20 Jul 2016 18:32

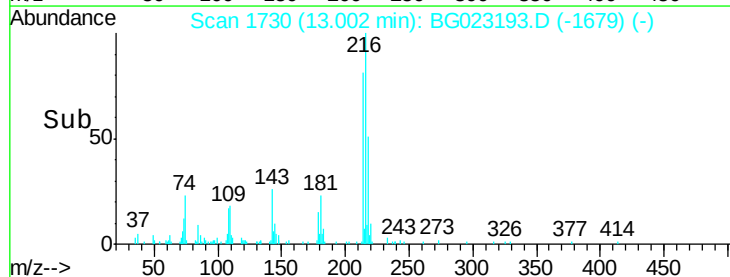
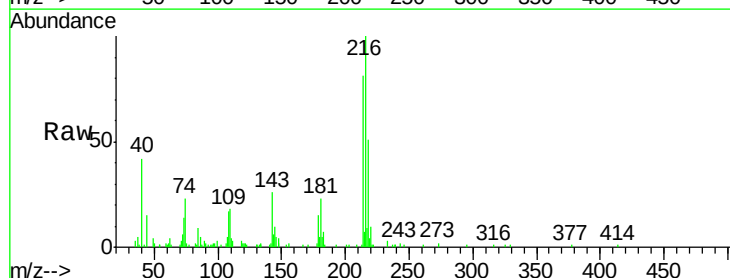
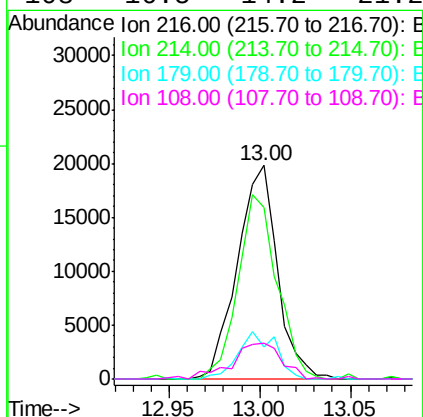
Instrument :
 BNA_G
 ClientSampleId :
 MDL-01-W

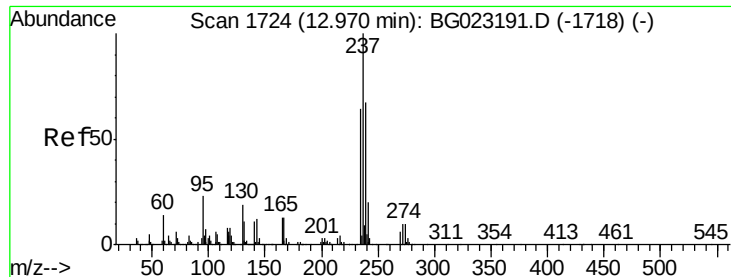
Tgt Ion:142 Resp: 53436
 Ion Ratio Lower Upper
 142 100
 141 100.6 75.2 112.8



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.65 ng/ul
 RT: 13.00 min Scan# 1730
 Delta R.T. 0.00 min
 Lab File: BG023193.D
 Acq: 20 Jul 2016 18:32

Tgt Ion:216 Resp: 30405
 Ion Ratio Lower Upper
 216 100
 214 80.5 61.7 92.5
 179 20.0 17.0 25.4
 108 16.5 14.2 21.2





#37

Hexachlorocyclopentadiene

Concen: 2.02 ng/ul

RT: 12.97 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BG023193.D

Acq: 20 Jul 2016 18:32

Instrument :

BNA_G

ClientSampleId :

MDL-01-W

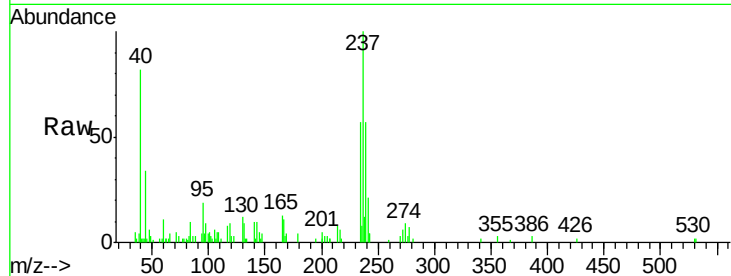
Tgt Ion:237 Resp: 15057

Ion Ratio Lower Upper

237 100

235 57.0 49.6 74.4

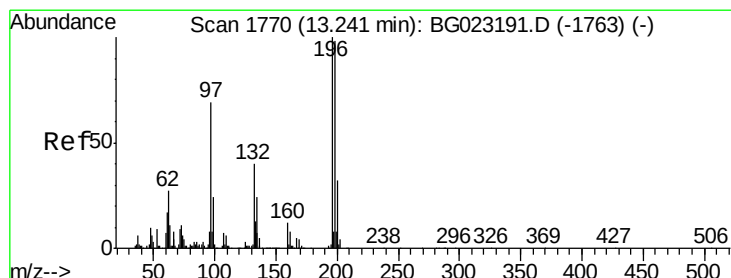
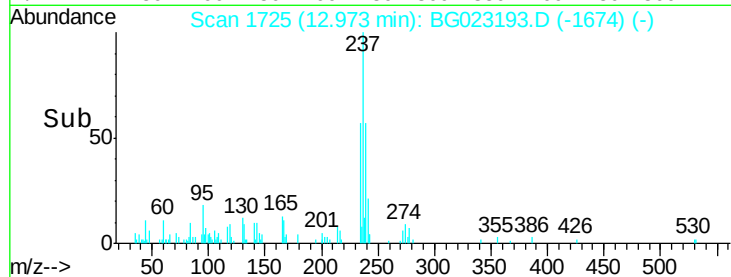
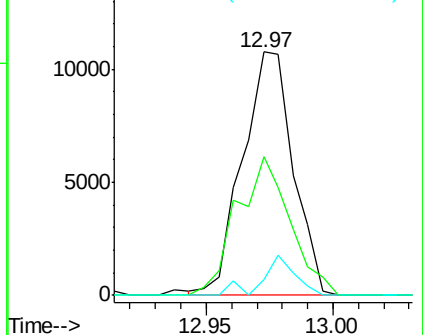
272 6.2 9.3 13.9#



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 2.50 ng/ul

RT: 13.24 min Scan# 1771

Delta R.T. 0.00 min

Lab File: BG023193.D

Acq: 20 Jul 2016 18:32

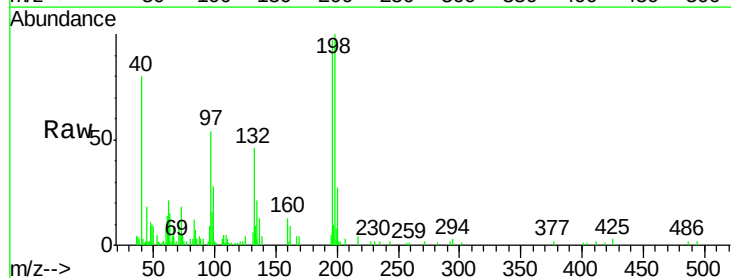
Tgt Ion:196 Resp: 19853

Ion Ratio Lower Upper

196 100

198 102.9 77.4 116.0

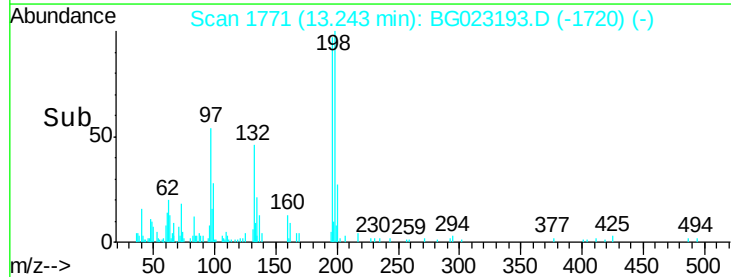
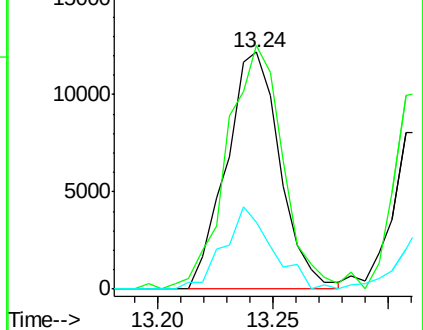
200 28.2 26.6 39.8

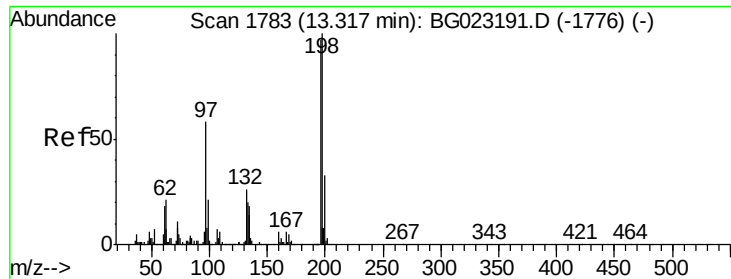


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

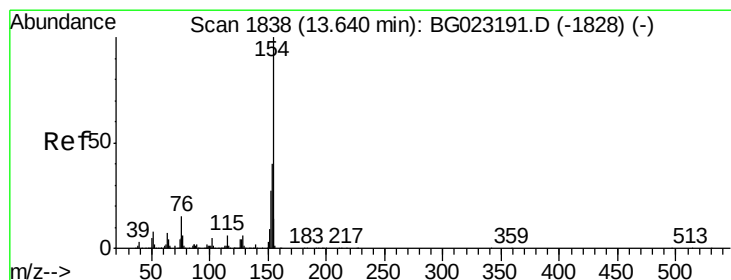
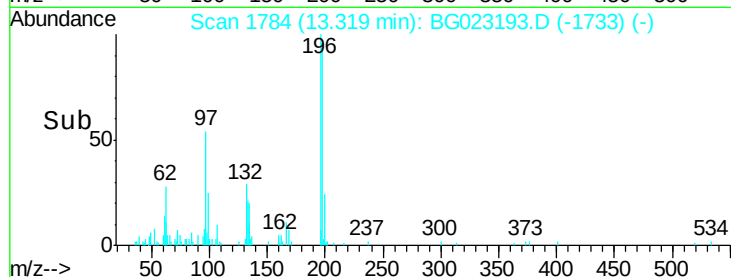
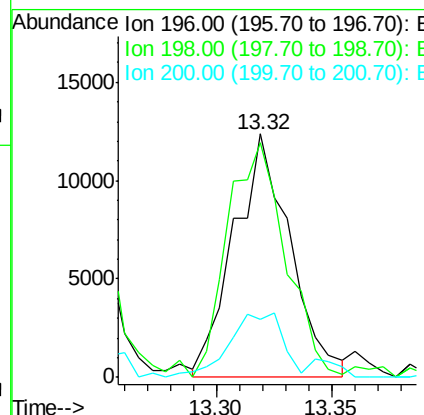
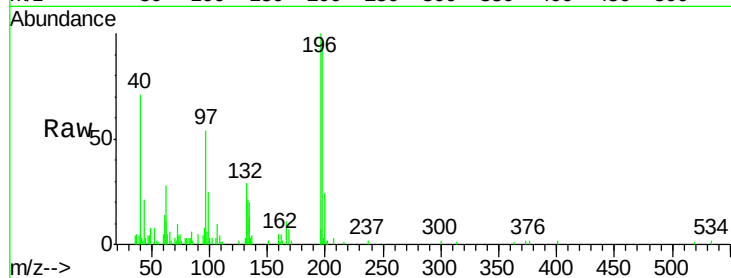




#39
 2,4,5-Trichlorophenol
 Concen: 2.58 ng/ul
 RT: 13.32 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BG023193.D
 Acq: 20 Jul 2016 18:32

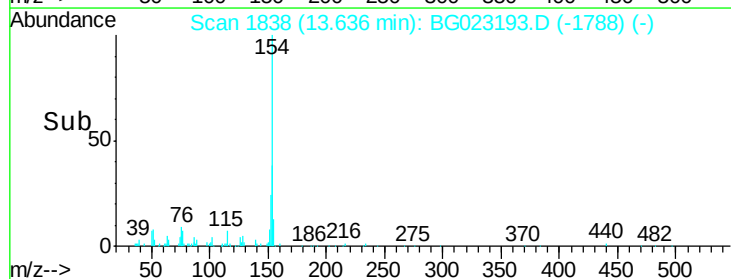
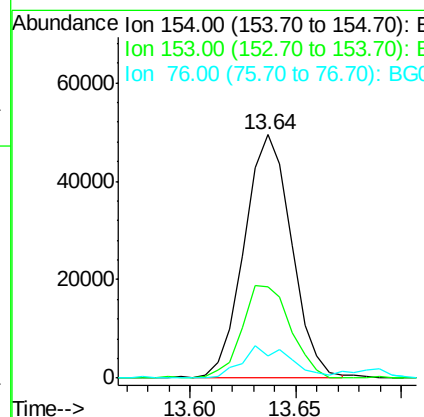
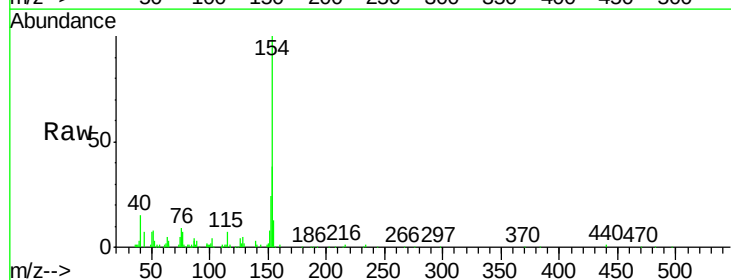
Instrument :
 BNA_G
 ClientSampleId :
 MDL-01-W

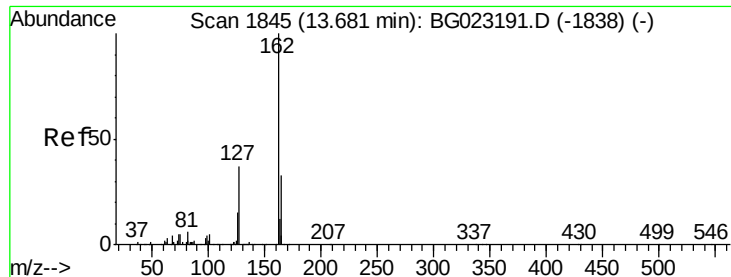
Tgt Ion:196 Resp: 20926
 Ion Ratio Lower Upper
 196 100
 198 96.3 79.8 119.8
 200 24.1 24.0 36.0



#40
 1,1'-Biphenyl
 Concen: 2.98 ng/ul
 RT: 13.64 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BG023193.D
 Acq: 20 Jul 2016 18:32

Tgt Ion:154 Resp: 76900
 Ion Ratio Lower Upper
 154 100
 153 37.8 34.6 52.0
 76 9.2 11.9 17.9#

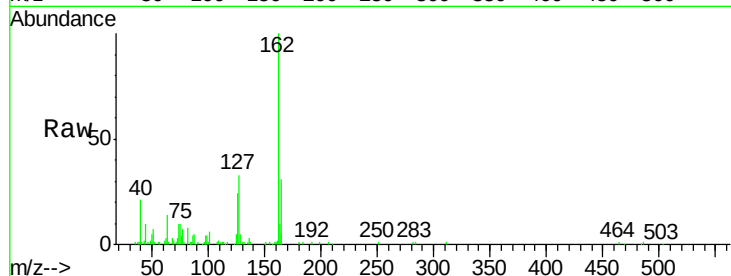




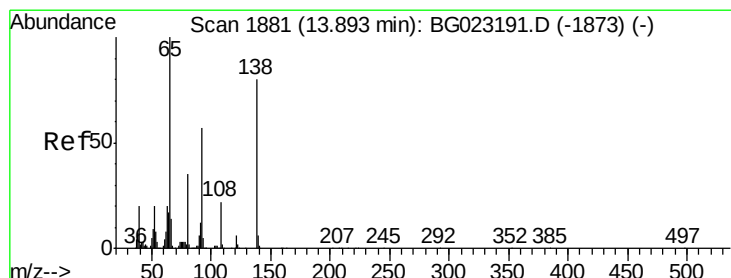
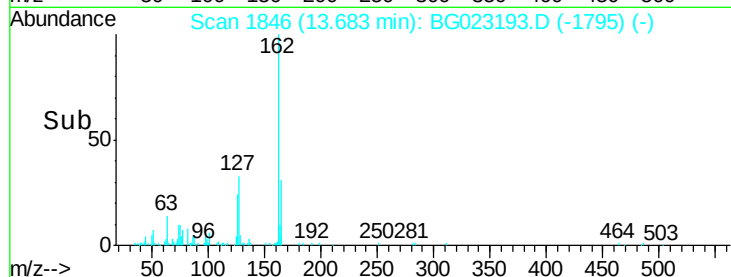
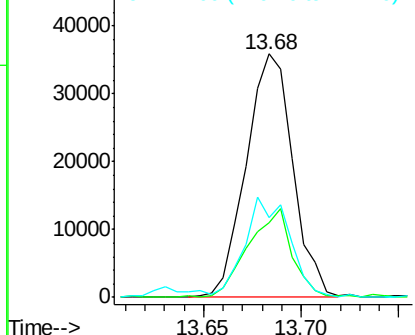
#41
2-Chloronaphthalene
Concen: 2.87 ng/ul
RT: 13.68 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BG023193.D
Acq: 20 Jul 2016 18:32

Instrument :
BNA_G
ClientSampleId :
MDL-01-W

Tgt Ion: 162 Resp: 59526
Ion Ratio Lower Upper
162 100
164 30.7 25.4 38.2
127 32.7 30.2 45.4

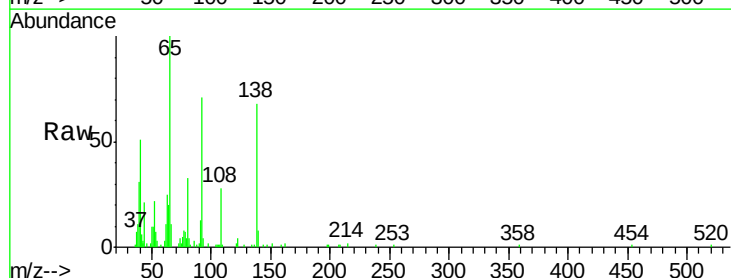


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

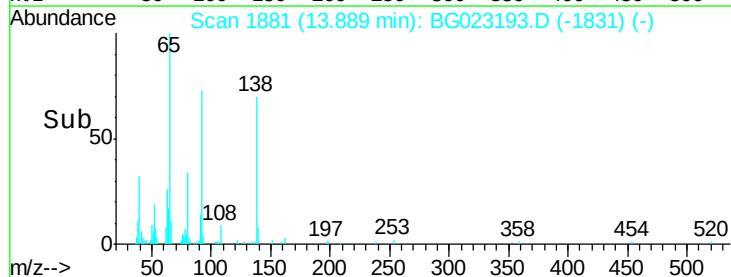
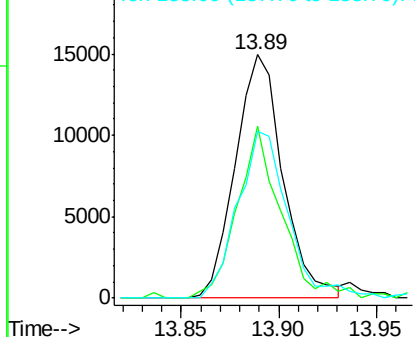


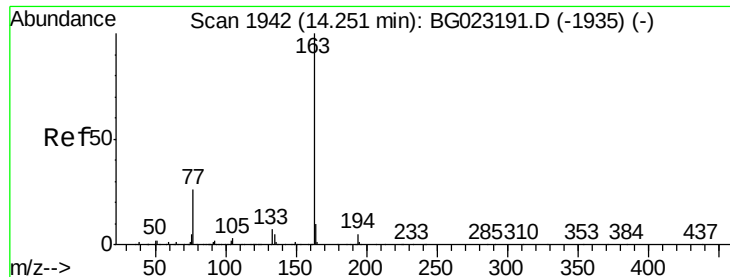
#42
2-Nitroaniline
Concen: 2.74 ng/ul
RT: 13.89 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG023193.D
Acq: 20 Jul 2016 18:32

Tgt Ion: 65 Resp: 25332
Ion Ratio Lower Upper
65 100
92 70.9 67.1 100.7
138 68.4 109.6 164.4#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 3.18 ng/ul

RT: 14.25 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG023193.D

Acq: 20 Jul 2016 18:32

Instrument :

BNA_G

ClientSampleId :

MDL-01-W

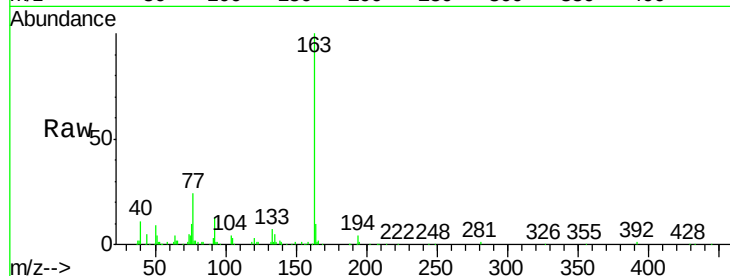
Tgt Ion:163 Resp: 91988

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

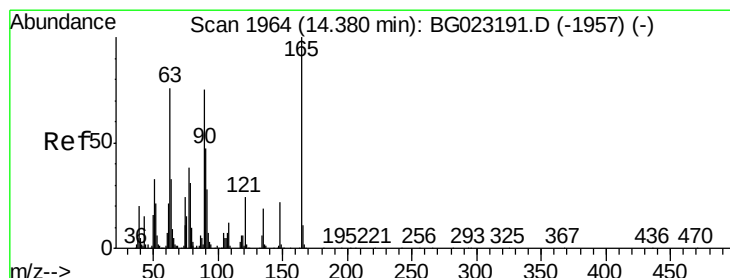
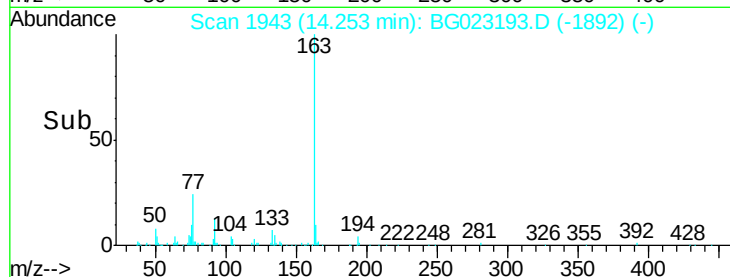
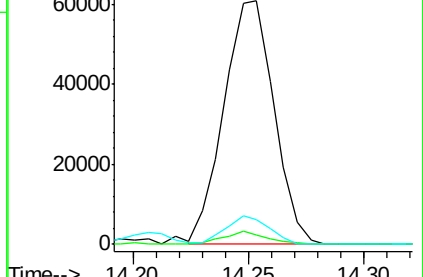
164 10.2 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 3.00 ng/ul

RT: 14.38 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG023193.D

Acq: 20 Jul 2016 18:32

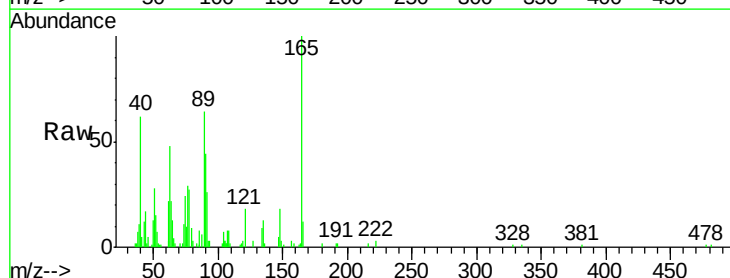
Tgt Ion:165 Resp: 18816

Ion Ratio Lower Upper

165 100

89 63.5 41.5 62.3#

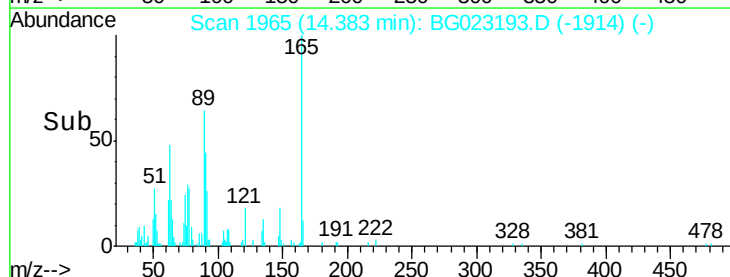
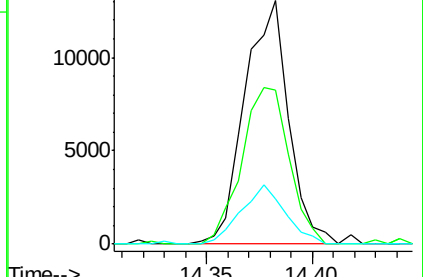
121 18.5 17.0 25.4

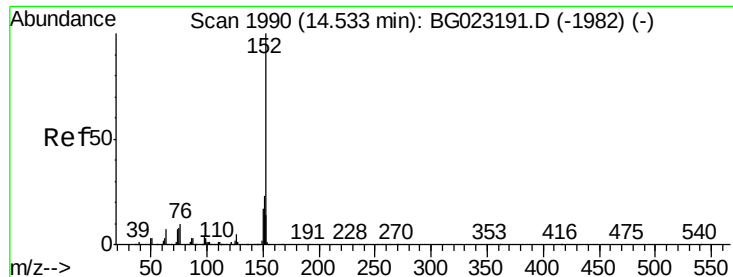


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 3.10 ng/ul

RT: 14.54 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG023193.D

Acq: 20 Jul 2016 18:32

Instrument :

BNA_G

ClientSampleId :

MDL-01-W

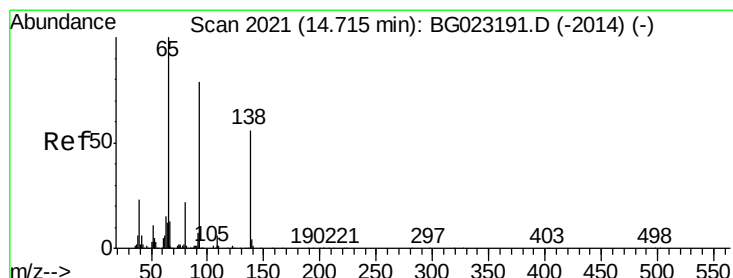
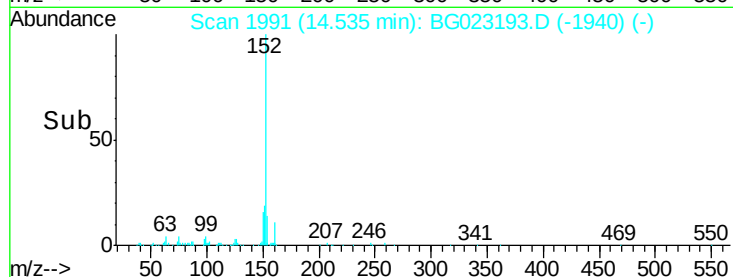
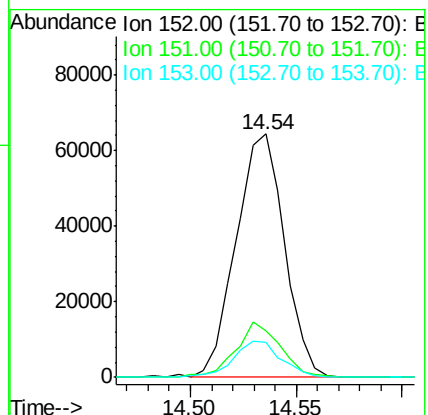
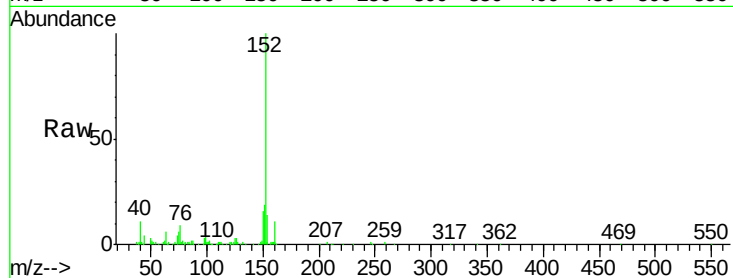
Tgt Ion:152 Resp: 101848

Ion Ratio Lower Upper

152 100

151 19.3 17.5 26.3

153 14.5 11.1 16.7



#48

3-Nitroaniline

Concen: 3.16 ng/ul

RT: 14.71 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BG023193.D

Acq: 20 Jul 2016 18:32

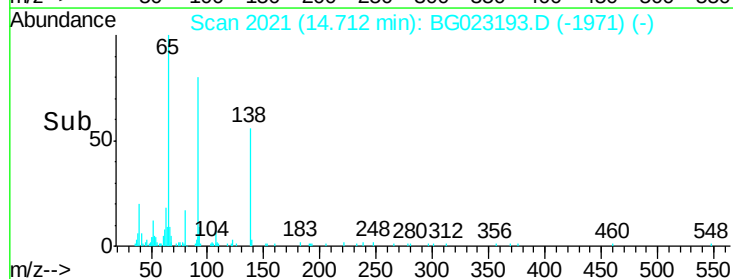
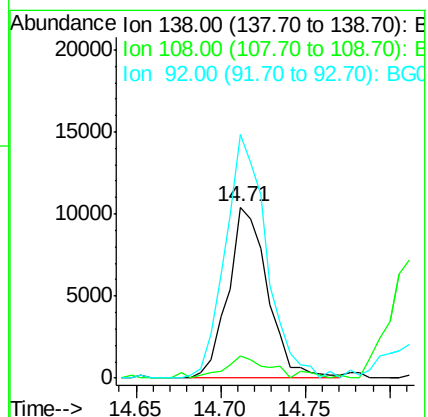
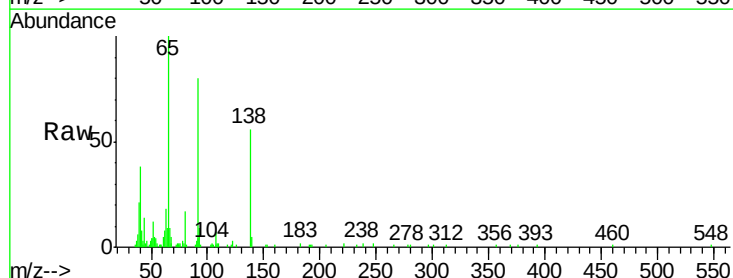
Tgt Ion:138 Resp: 16947

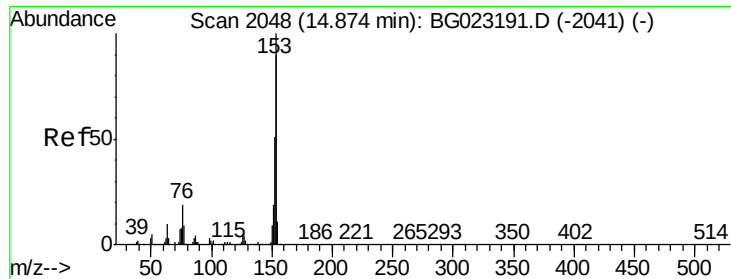
Ion Ratio Lower Upper

138 100

108 13.2 6.2 9.2#

92 142.2 79.3 118.9#





#49

Acenaphthene

Concen: 2.85 ng/ul

RT: 14.88 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BG023193.D

Acq: 20 Jul 2016 18:32

Instrument :

BNA_G

ClientSampleId :

MDL-01-W

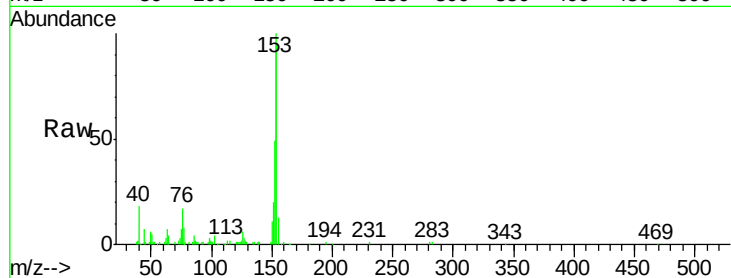
Tgt Ion:153 Resp: 63417

Ion Ratio Lower Upper

153 100

152 49.0 37.3 55.9

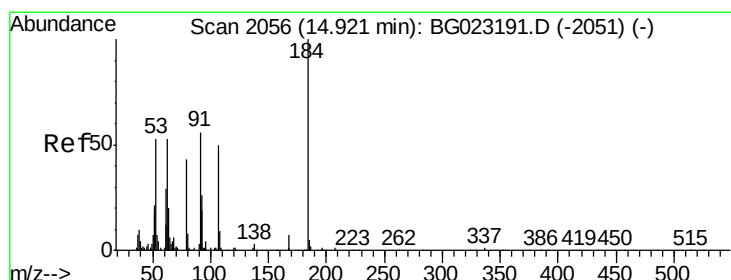
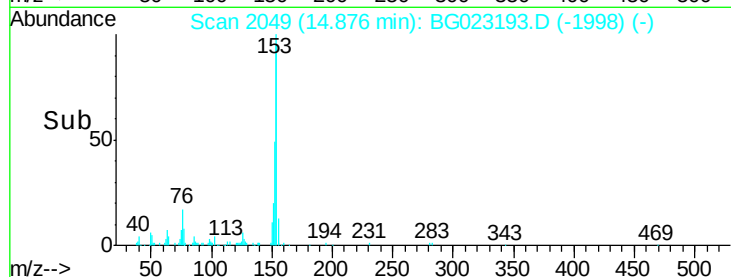
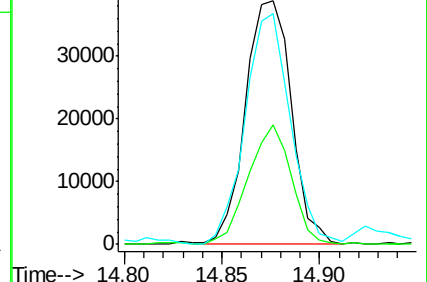
154 94.7 68.2 102.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 1.41 ng/ul

RT: 14.93 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BG023193.D

Acq: 20 Jul 2016 18:32

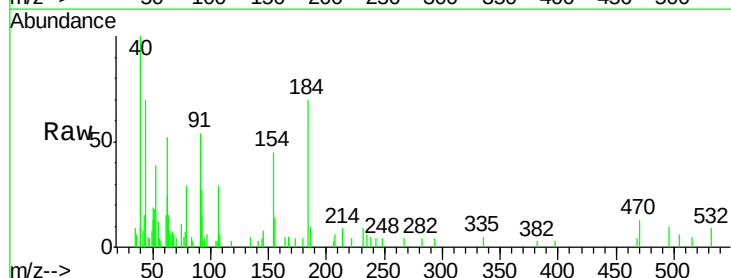
Tgt Ion:184 Resp: 5539

Ion Ratio Lower Upper

184 100

63 74.6 40.5 60.7#

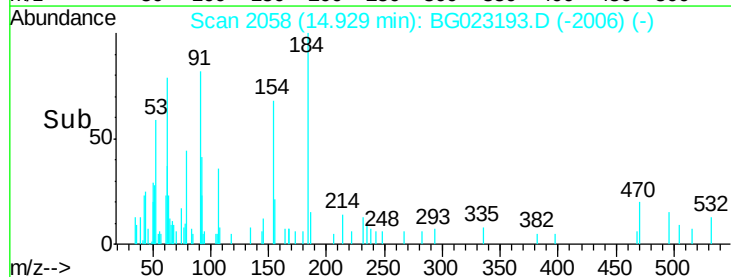
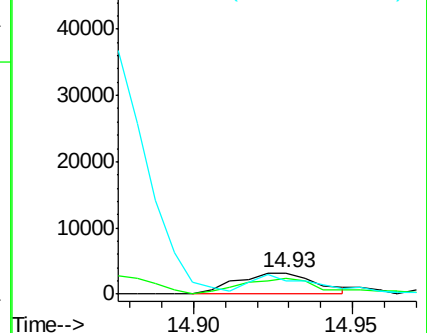
154 63.5 48.5 72.7

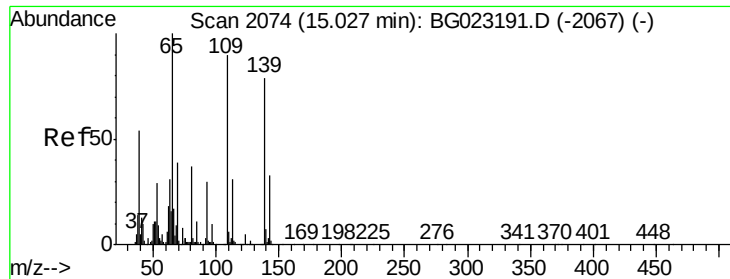


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 3.24 ng/ul

RT: 15.02 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG023193.D

Acq: 20 Jul 2016 18:32

Instrument :

BNA_G

ClientSampleId :

MDL-01-W

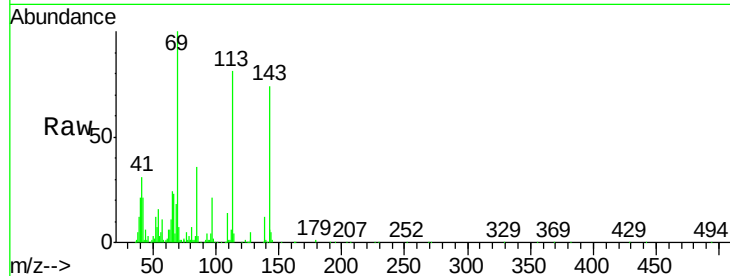
Tgt Ion:109 Resp: 19430

Ion Ratio Lower Upper

109 100

139 87.2 136.1 204.1#

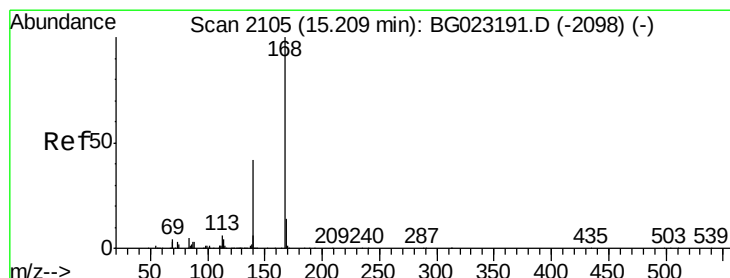
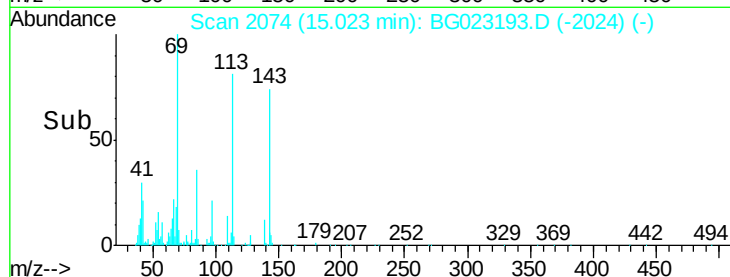
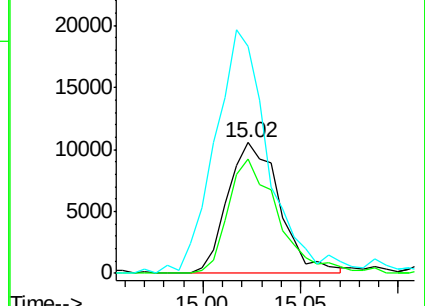
65 173.4 106.0 159.0#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC



#53

Dibenzofuran

Concen: 3.12 ng/ul

RT: 15.21 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BG023193.D

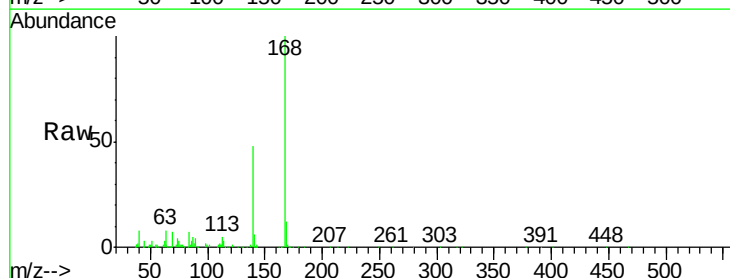
Acq: 20 Jul 2016 18:32

Tgt Ion:168 Resp: 102134

Ion Ratio Lower Upper

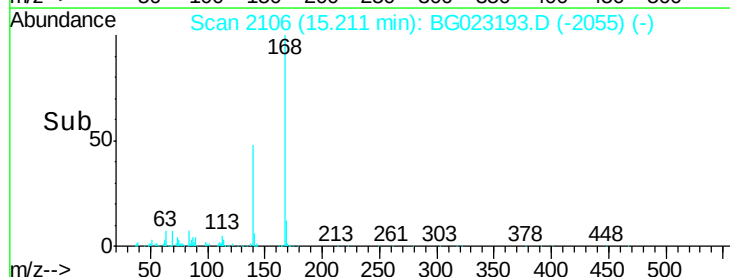
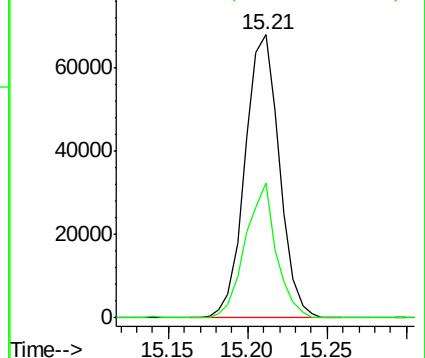
168 100

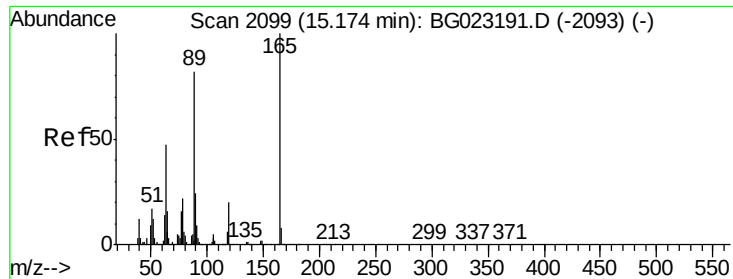
139 47.8 27.4 41.0#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

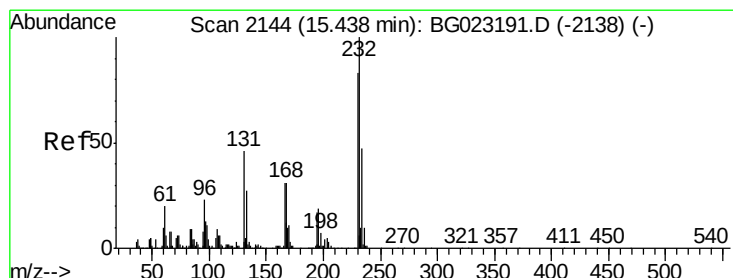
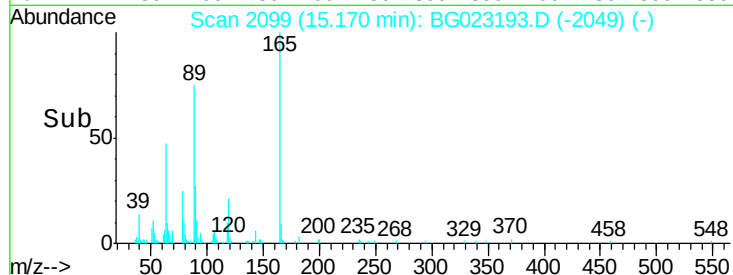
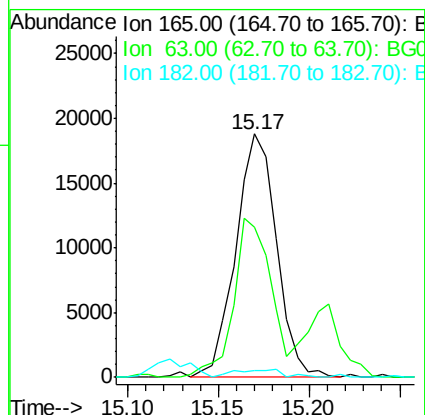
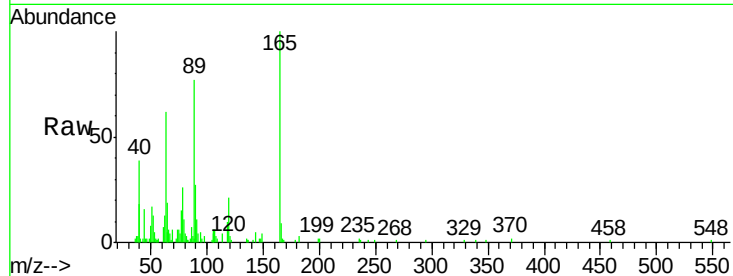




#54
 2,4-Dinitrotoluene
 Concen: 3.07 ng/ul
 RT: 15.17 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG023193.D
 Acq: 20 Jul 2016 18:32

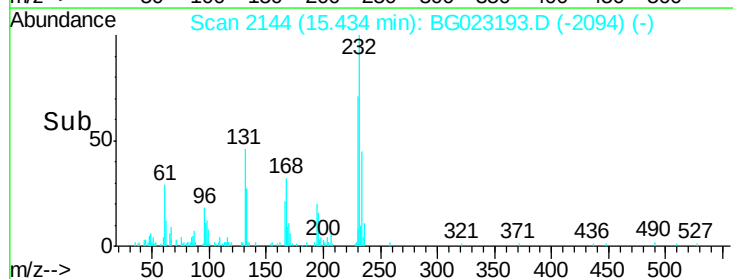
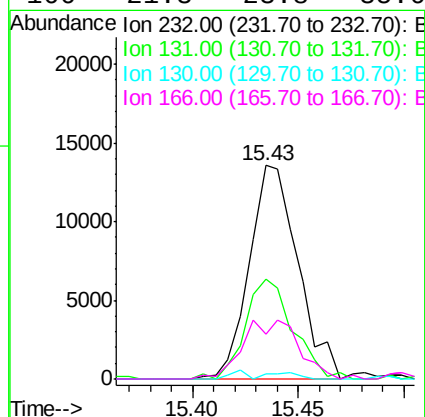
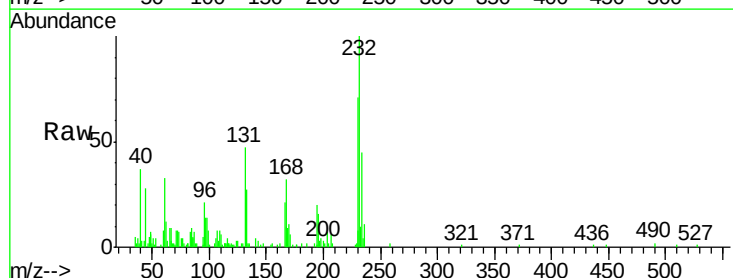
Instrument :
 BNA_G
 ClientSampleId :
 MDL-01-W

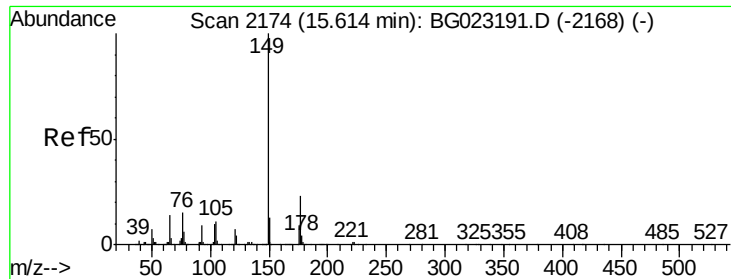
Tgt Ion:165 Resp: 29330
 Ion Ratio Lower Upper
 165 100
 63 61.6 25.7 38.5#
 182 2.6 2.1 3.1



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 2.65 ng/ul
 RT: 15.43 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG023193.D
 Acq: 20 Jul 2016 18:32

Tgt Ion:232 Resp: 21691
 Ion Ratio Lower Upper
 232 100
 131 47.0 34.8 52.2
 130 2.1 2.2 3.2#
 166 21.3 23.8 35.6#





#56

Diethylphthalate

Concen: 3.19 ng/ul

RT: 15.62 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BG023193.D

Acq: 20 Jul 2016 18:32

Instrument :

BNA_G

ClientSampleId :

MDL-01-W

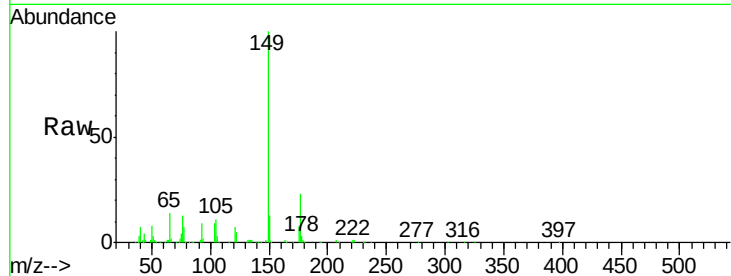
Tgt Ion:149 Resp: 98161

Ion Ratio Lower Upper

149 100

177 22.6 17.4 26.2

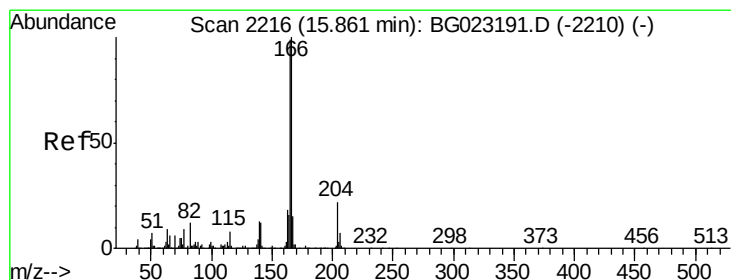
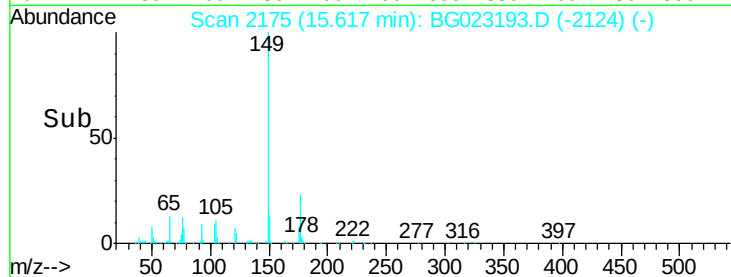
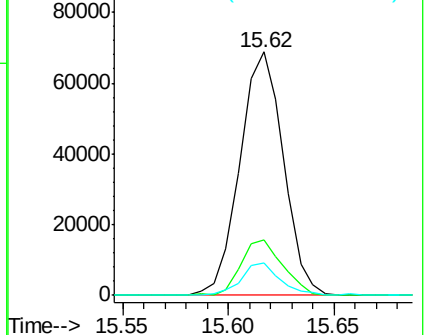
150 13.1 9.6 14.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 3.12 ng/ul

RT: 15.86 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG023193.D

Acq: 20 Jul 2016 18:32

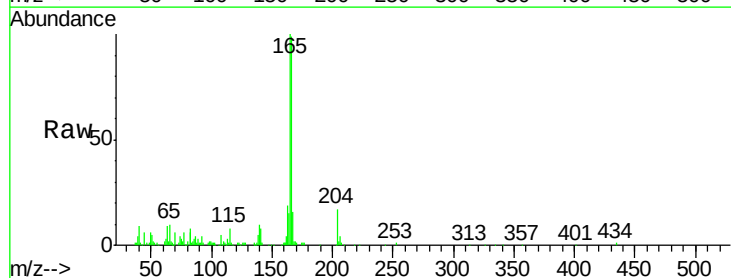
Tgt Ion:166 Resp: 84232

Ion Ratio Lower Upper

166 100

165 100.8 80.3 120.5

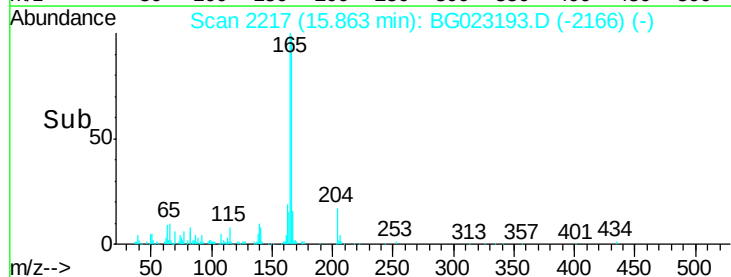
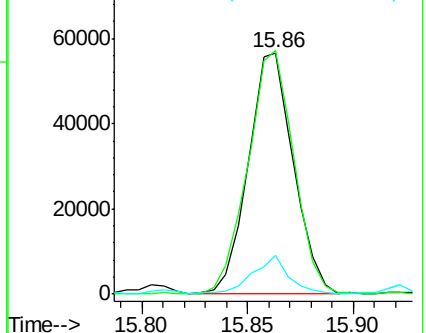
167 16.1 10.3 15.5#

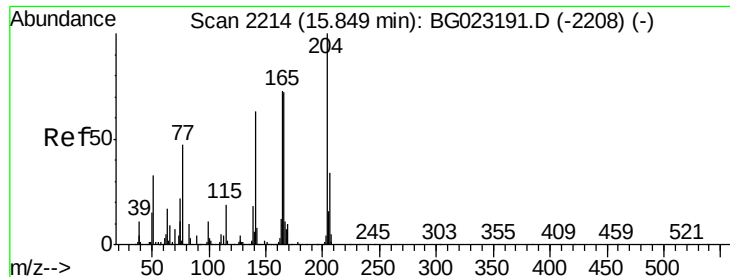


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

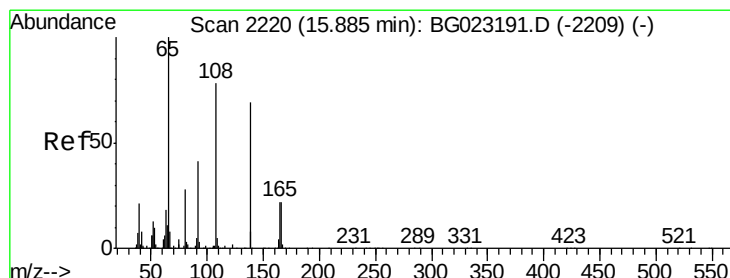
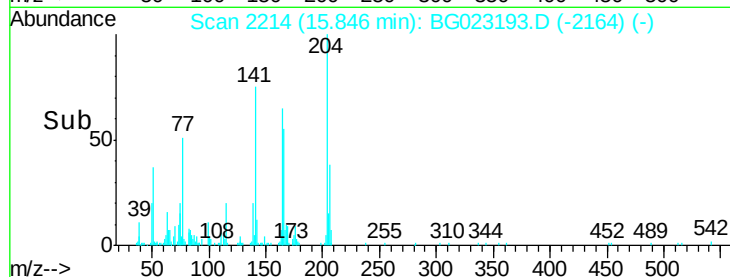
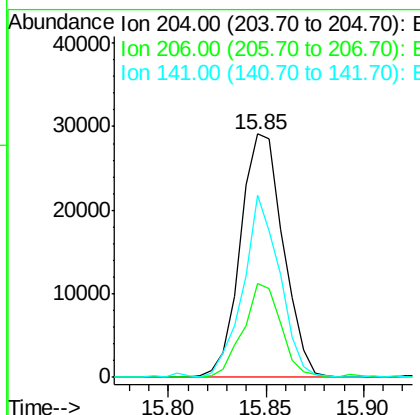
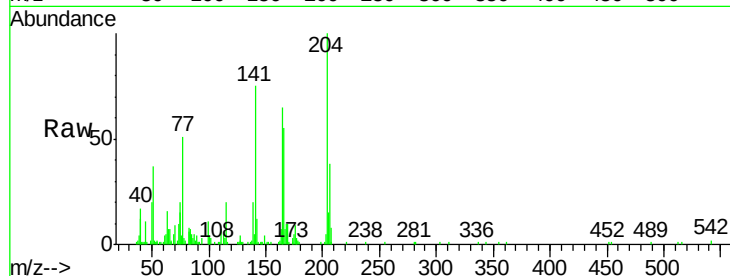




#59
 4-Chlorophenyl-phenylether
 Concen: 2.98 ng/ul
 RT: 15.85 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG023193.D
 Acq: 20 Jul 2016 18:32

Instrument :
 BNA_G
 ClientSampleId :
 MDL-01-W

Tgt Ion: 204 Resp: 44168
 Ion Ratio Lower Upper
 204 100
 206 38.5 27.4 41.2
 141 74.9 47.1 70.7#



#60
 4-Nitroaniline
 Concen: 3.06 ng/ul
 RT: 15.88 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG023193.D
 Acq: 20 Jul 2016 18:32

Tgt Ion: 138 Resp: 20185
 Ion Ratio Lower Upper
 138 100
 92 68.0 39.0 58.4#
 108 100.2 49.2 73.8#

