

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
 Data File : BG023204.D
 Acq On : 21 Jul 2016 1:55
 Operator : UM/SJ
 Sample : MDL-05-W
 Misc : MDL 8PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-W

Quant Time: Jul 21 04:31:31 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	116114	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	579499	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	426738	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.67	188	1586080	20.00	ng/ul	0.10
75) Chrysene-d12	21.89	240	1185225	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1146158	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	6936	2.70	ng/uL	0.00
5) Phenol-d5	7.37	99	1347	0.11	ng/ul	0.08
7) Bis-(2-Chloroethyl)ether-d	7.38	67	343	0.04	ng/ul	-0.07
9) 2-Chlorophenol-d4	7.67	132	242286	30.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	285100	30.61	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	138143	29.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	166210	30.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	284998	28.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	394467	37.44	ng/ul	0.00
43) Dimethylphthalate-d6	14.21	166	1136747	32.04	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	1246553	30.91	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	199106	31.80	ng/ul	0.00
57) Fluorene-d10	15.80	176	992716	30.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.01	200	883	0.08	ng/ul	0.09
70) Anthracene-d10	17.67	188	1586080	21.36	ng/ul	0.00
76) Pyrene-d10	19.96	212	1860409	30.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	1698838	31.57	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	2944	1.07	ng/uL#	69
4) Benzaldehyde	7.27	77	53289	7.17	ng/ul#	82
6) Phenol	7.31	94	67855	5.45	ng/ul#	62
8) Bis(2-Chloroethyl)ether	7.55	93	55573	5.93	ng/ul#	84
10) 2-Chlorophenol	7.70	128	43754	5.30	ng/ul#	88
11) 2-Methylphenol	8.58	108	49223	5.35	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.67	45	80021	6.32	ng/ul	98
14) Acetophenone	8.97	105	96593	5.96	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.95	70	63346	5.92	ng/ul#	91
16) 4-Methylphenol	8.91	108	56748	5.54	ng/ul	87
17) Hexachloroethane	9.24	117	22228	5.68	ng/ul#	59
20) Nitrobenzene	9.36	77	85271	5.70	ng/ul#	83
21) Isophorone	9.88	82	164861	5.78	ng/ul#	88
23) 2-Nitrophenol	10.08	139	31315	5.42	ng/ul#	66
24) 2,4-Dimethylphenol	10.13	107	72243	5.45	ng/ul#	77
25) Bis(2-Chloroethoxy)methane	10.36	93	87844	5.57	ng/ul#	96
27) 2,4-Dichlorophenol	10.62	162	53248	5.29	ng/ul#	84
28) Naphthalene	11.03	128	164363	5.64	ng/ul	99
30) 4-Chloroaniline	11.13	127	66826	6.14	ng/ul	95
31) Hexachlorobutadiene	11.30	225	44877	5.54	ng/ul	92
32) Caprolactam	11.92	113	22671	5.43	ng/ul#	46
33) 4-Chloro-3-methylphenol	12.26	107	69293	5.24	ng/ul#	79
34) 2-Methylnaphthalene	12.64	142	135383	5.62	ng/ul	92

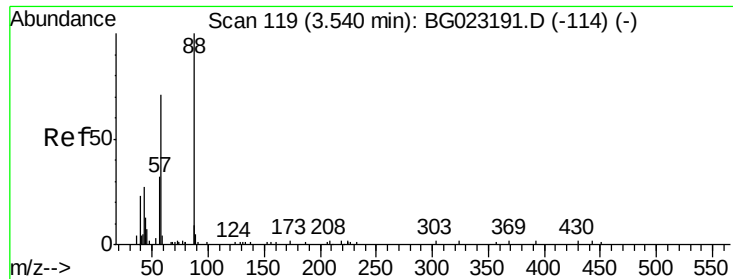
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	81157	5.70	ng/ul	96
37) Hexachlorocyclopentadiene	12.97	237	44039	4.75	ng/ul	98
38) 2,4,6-Trichlorophenol	13.24	196	51643	5.24	ng/ul	94
39) 2,4,5-Trichlorophenol	13.31	196	53906	5.36	ng/ul	97
40) 1,1'-Biphenyl	13.64	154	192553	6.02	ng/ul#	95
41) 2-Chloronaphthalene	13.68	162	149600	5.80	ng/ul	96
42) 2-Nitroaniline	13.89	65	64779	5.64	ng/ul#	58
44) Dimethylphthalate	14.25	163	223950	6.23	ng/ul#	95
45) 2,6-Dinitrotoluene	14.38	165	42732	5.48	ng/ul#	70
47) Acenaphthylene	14.53	152	242808	5.95	ng/ul	97
48) 3-Nitroaniline	14.71	138	42525	6.38	ng/ul#	68
49) Acenaphthene	14.87	153	161337	5.84	ng/ul	93
50) 2,4-Dinitrophenol	15.12	184	792	0.16	ng/ul	93
52) 4-Nitrophenol	15.25	109	84	0.01	ng/ul	91
53) Dibenzofuran	15.21	168	248311	6.10	ng/ul	91
54) 2,4-Dinitrotoluene	15.17	165	69845	5.88	ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	15.44	232	56507	5.56	ng/ul#	93
56) Diethylphthalate	15.62	149	236288	6.18	ng/ul#	92
58) Fluorene	15.86	166	203085	6.05	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.85	204	106762	5.80	ng/ul	95
60) 4-Nitroaniline	15.88	138	49438	6.04	ng/ul#	42
63) 4,6-Dinitro-2-methylphenol	16.03	198	110	0.01	ng/ul#	1
64) N-Nitrosodiphenylamine	16.06	169	186872	4.08	ng/ul	94
65) 4-Bromophenyl-phenylether	16.75	248	69069	3.78	ng/ul	94
66) Hexachlorobenzene	16.87	284	78764	4.21	ng/ul#	93
67) Atrazine	17.01	200	77094	3.94	ng/ul	97
68) Pentachlorophenol	17.22	266	38711	3.34	ng/ul	90
69) Phenanthrene	17.71	178	377949	4.63	ng/ul	96
71) Anthracene	17.71	178	377949	4.41	ng/ul	98
72) Carbazole	17.98	167	316571	4.70	ng/ul	95
73) Di-n-butylphthalate	18.52	149	402159	4.31	ng/ul#	96
74) Fluoranthene	19.73	202	477	0.01	ng/ul#	69
77) Pyrene	19.99	202	461699	6.41	ng/ul#	90
78) Butylbenzylphthalate	20.86	149	174761	5.58	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.78	252	141149	5.97	ng/ul#	95
80) Benzo(a)anthracene	21.87	228	444313	6.31	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.75	149	260688	6.10	ng/ul	98
82) Chrysene	21.94	228	389311	6.10	ng/ul	95
84) Di-n-octyl phthalate	23.03	149	433966	6.83	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	416597	5.97	ng/ul#	95
86) Benzo(k)fluoranthene	24.28	252	404222	6.12	ng/ul#	92
88) Benzo(a)pyrene	25.02	252	617	0.01	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	29.18	276	433552	5.79	ng/ul#	82
90) Dibenzo(a,h)anthracene	29.35	278	658	0.01	ng/ul	99
91) Benzo(g,h,i)perylene	30.39	276	186463	3.02	ng/ul#	87

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



#2

1,4-Dioxane

Concen: 1.07 ng/uL

RT: 3.54 min Scan# 119

Delta R.T. -0.00 min

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Instrument :

BNA_G

ClientSampleId :

MDL-05-W

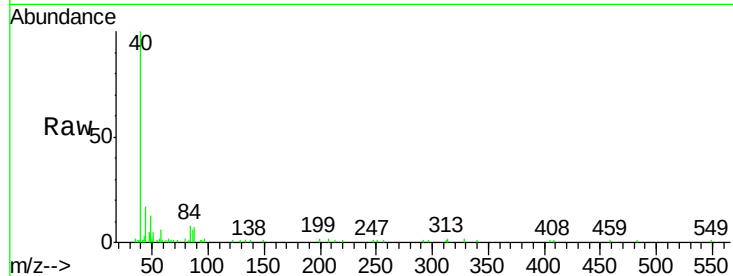
Tgt Ion: 88 Resp: 2944

Ion Ratio Lower Upper

88 100

43 44.8 16.6 24.8#

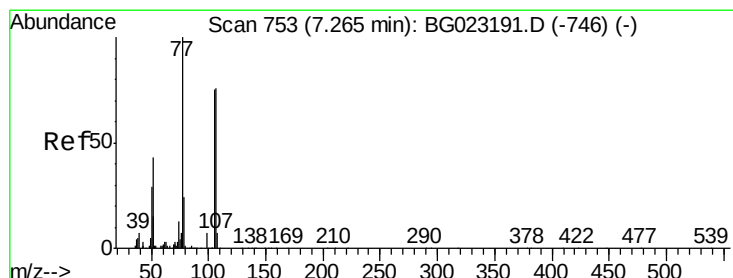
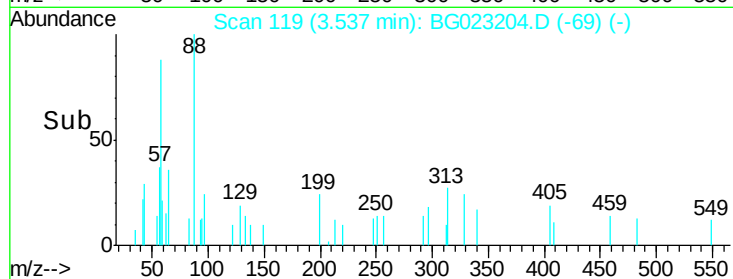
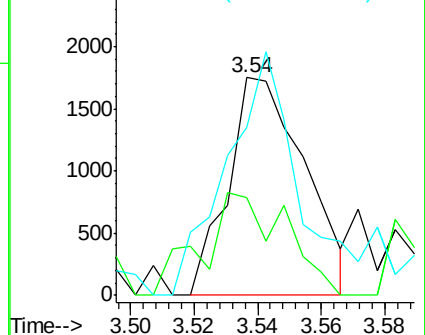
58 77.2 47.2 70.8#



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: 7.17 ng/uL

RT: 7.27 min Scan# 754

Delta R.T. 0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

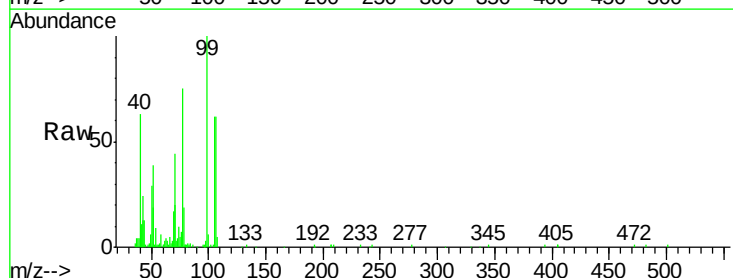
Tgt Ion: 77 Resp: 53289

Ion Ratio Lower Upper

77 100

105 83.5 83.8 125.8#

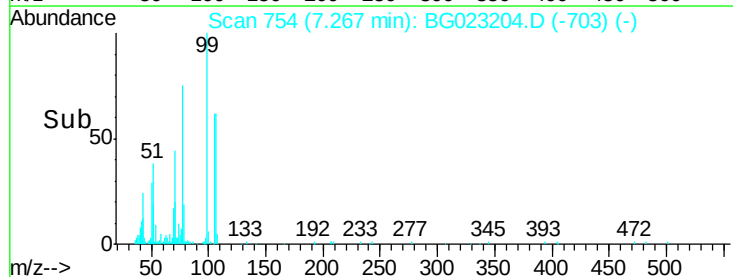
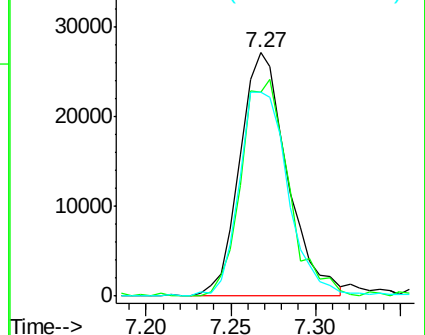
106 83.5 77.9 116.9

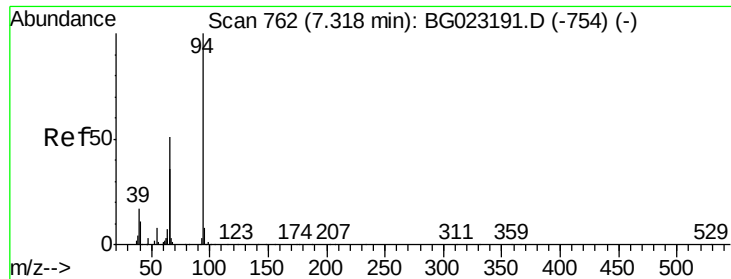


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 5.45 ng/ul

RT: 7.31 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

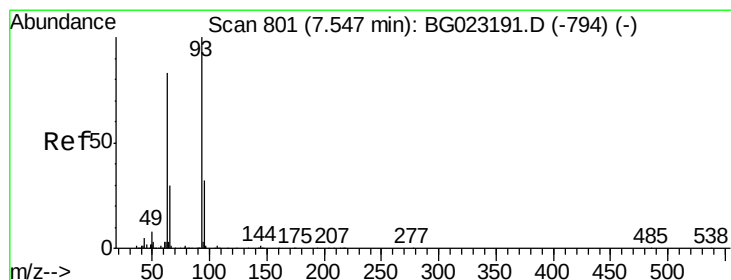
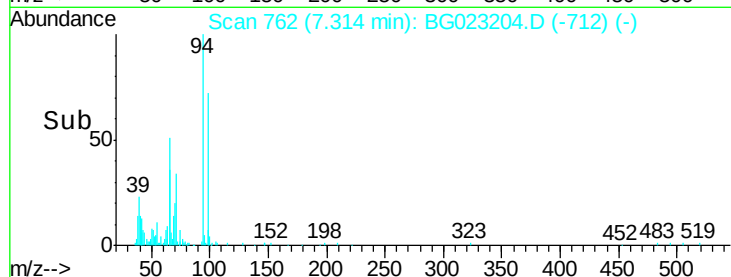
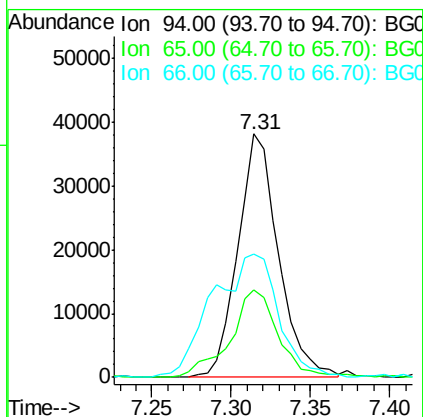
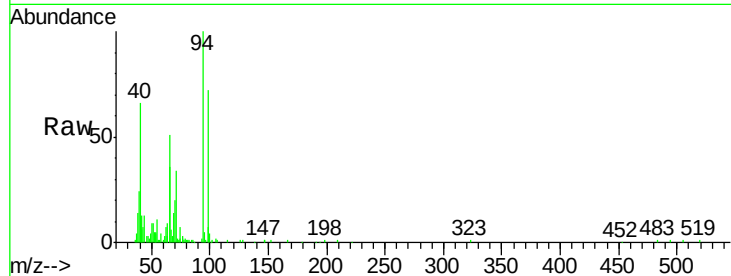
Tgt Ion: 94 Resp: 67855

Ion Ratio Lower Upper

94 100

65 36.1 16.8 25.2#

66 50.6 22.6 33.8#



#8

Bis(2-Chloroethyl)ether

Concen: 5.93 ng/ul

RT: 7.55 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

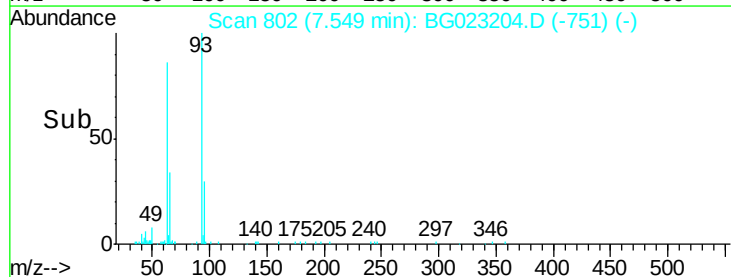
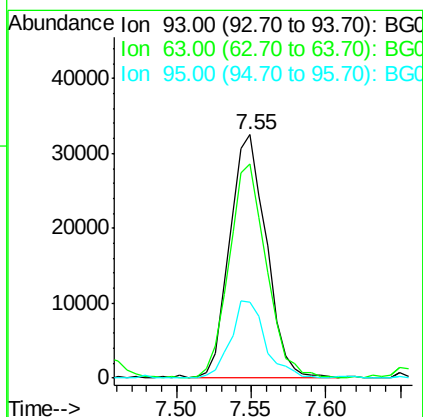
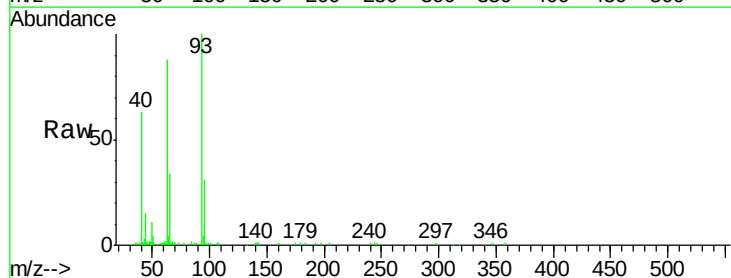
Tgt Ion: 93 Resp: 55573

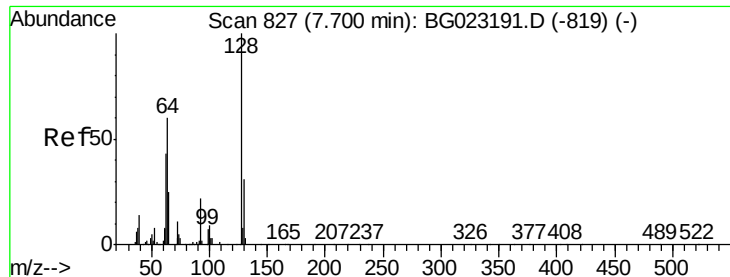
Ion Ratio Lower Upper

93 100

63 87.8 56.0 84.0#

95 31.2 27.7 41.5

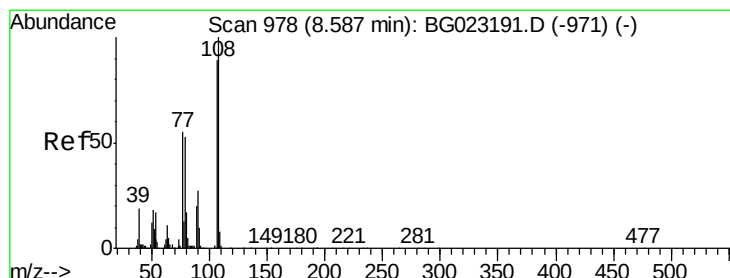
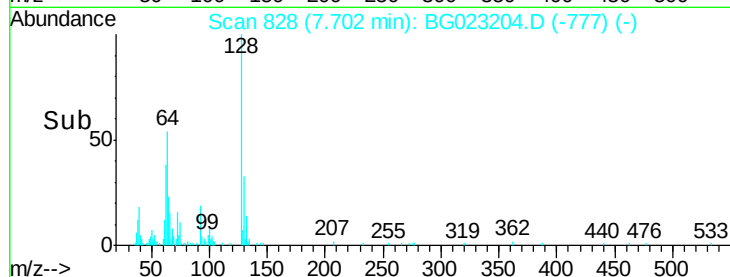
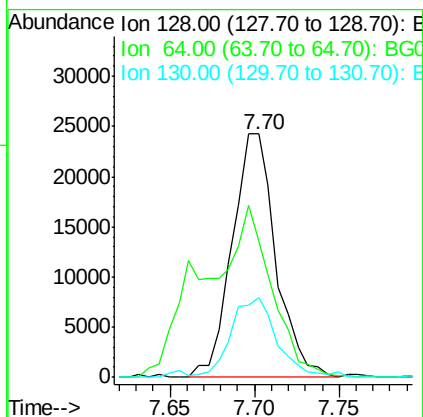
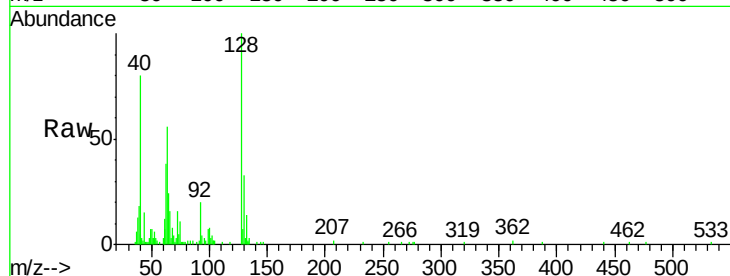




#10
2-Chlorophenol
Concen: 5.30 ng/ul
RT: 7.70 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

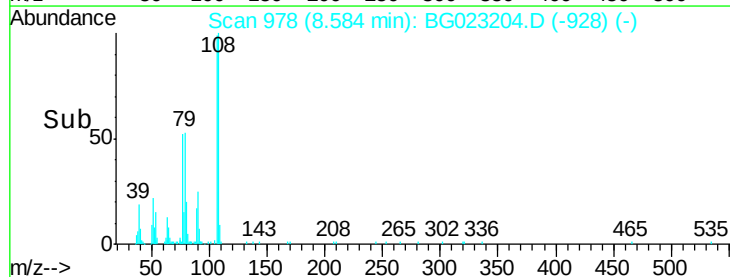
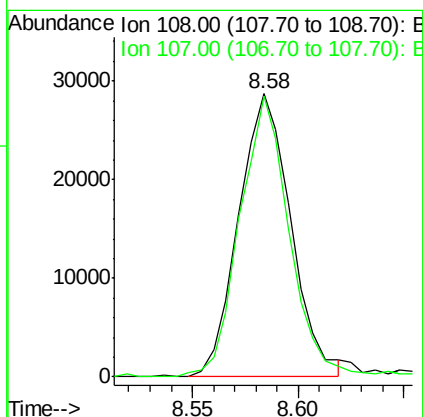
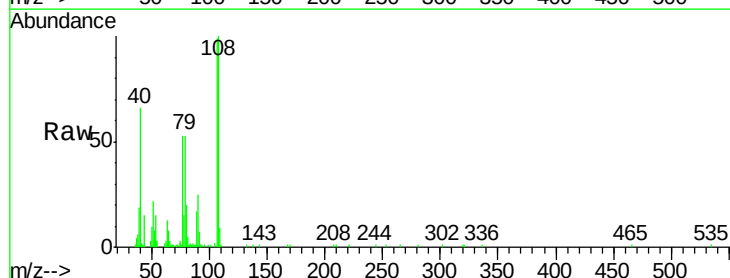
Instrument :
BNA_G
ClientSampleId :
MDL-05-W

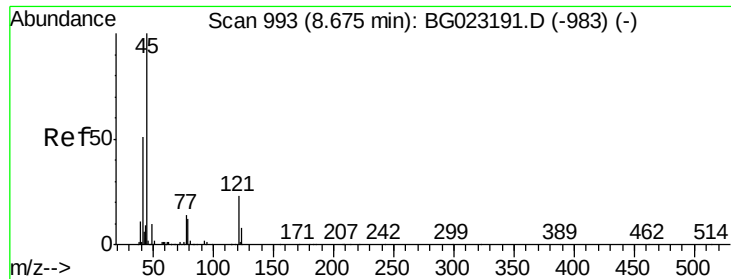
Tgt Ion:128 Resp: 43754
Ion Ratio Lower Upper
128 100
64 56.1 34.2 51.4#
130 32.8 27.0 40.4



#11
2-Methylphenol
Concen: 5.35 ng/ul
RT: 8.58 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Tgt Ion:108 Resp: 49223
Ion Ratio Lower Upper
108 100
107 99.0 78.6 117.8

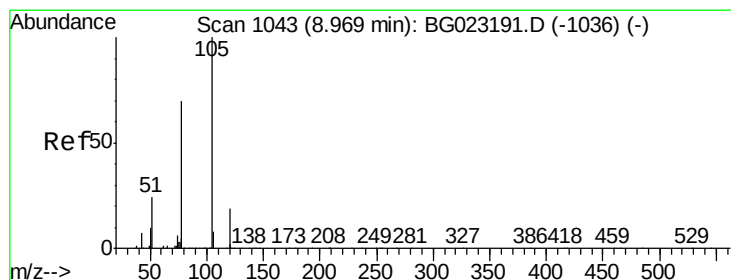
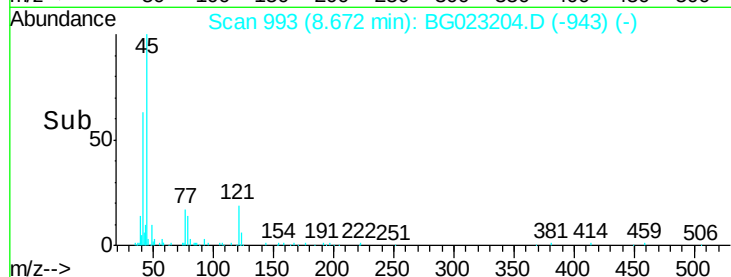
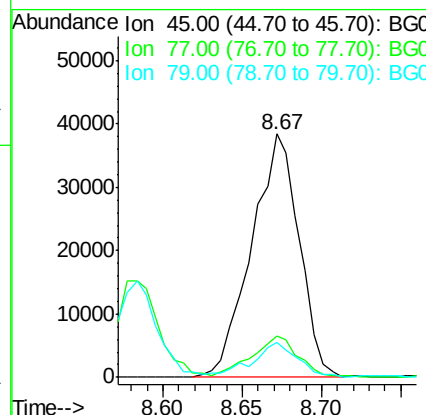
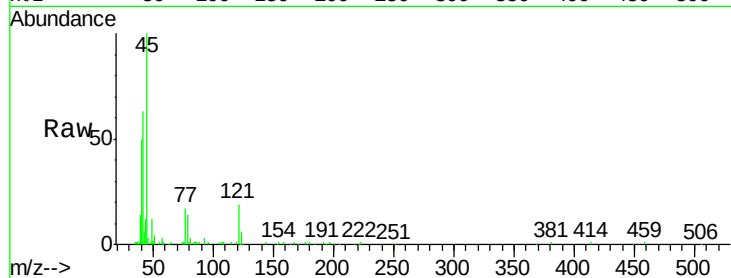




#12
2,2'-oxybis(1-Chloropropane)
Concen: 6.32 ng/ul
RT: 8.67 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

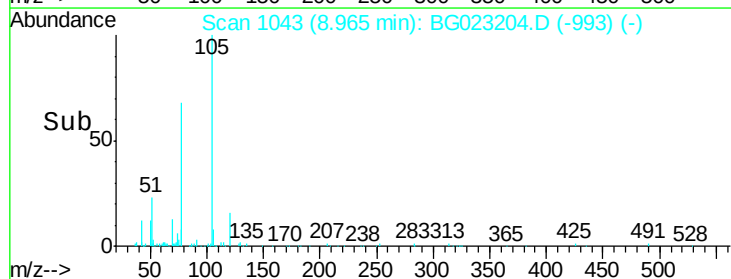
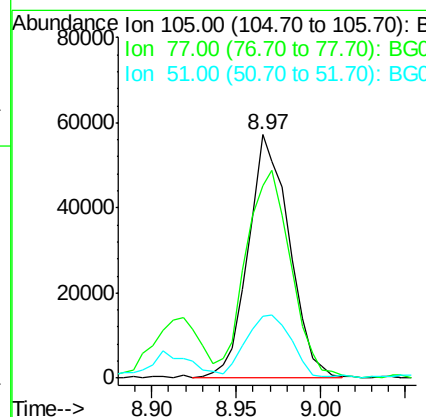
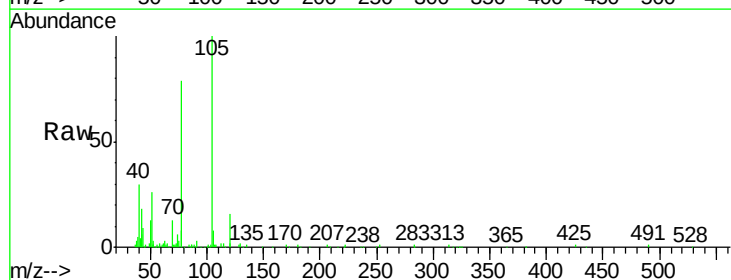
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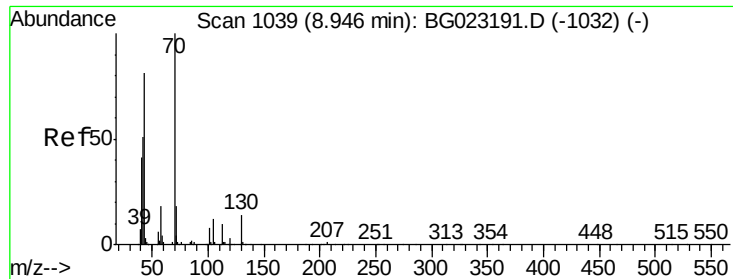
Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.9	13.4	20.2
79	14.3	10.2	15.4



#14
Acetophenone
Concen: 5.96 ng/ul
RT: 8.97 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Lower	Upper
105	100		
77	79.0	56.1	84.1
51	25.6	14.6	22.0

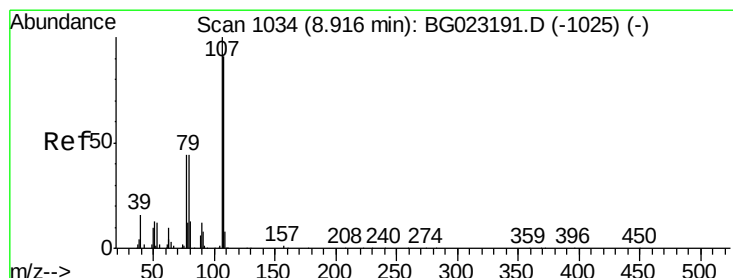
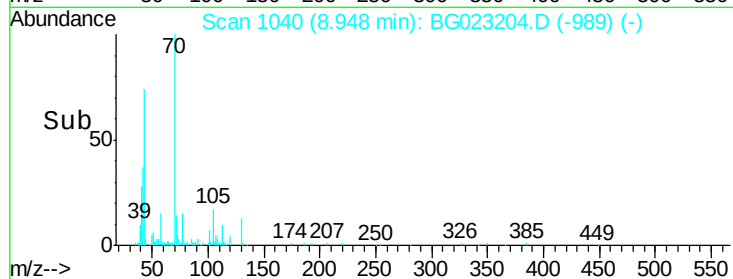
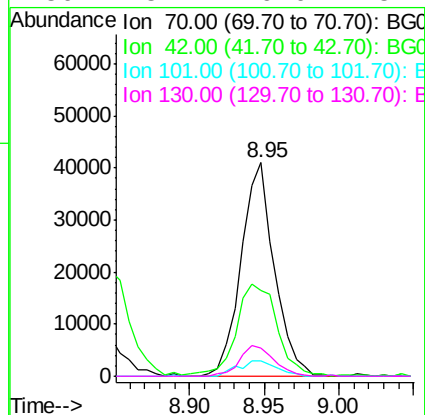
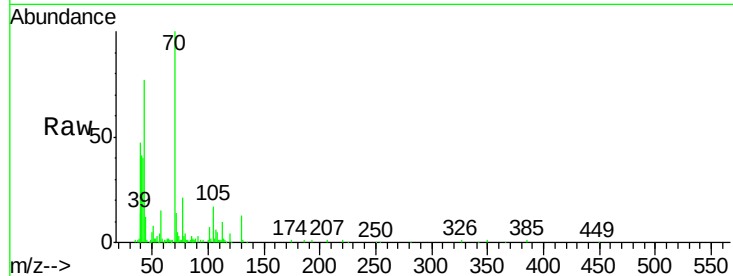




#15
N-Nitroso-di-n-propylamine
Concen: 5.92 ng/ul
RT: 8.95 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

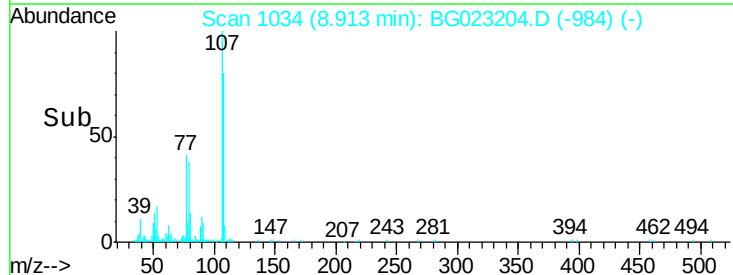
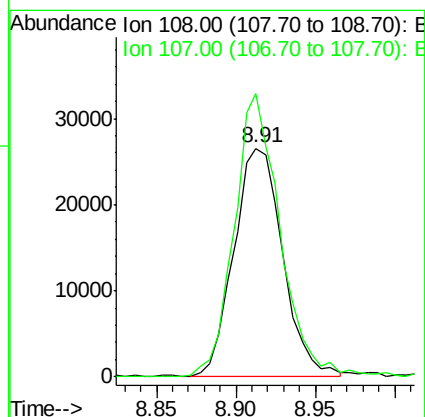
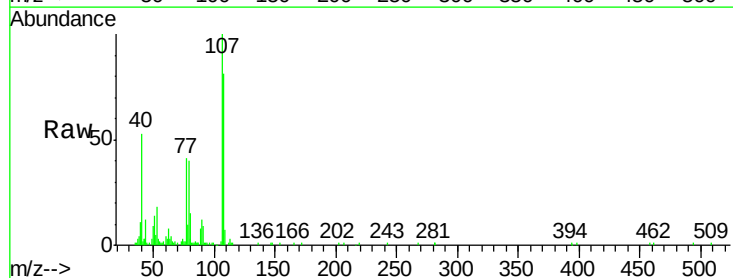
Instrument :
BNA_G
ClientSampleId :
MDL-05-W

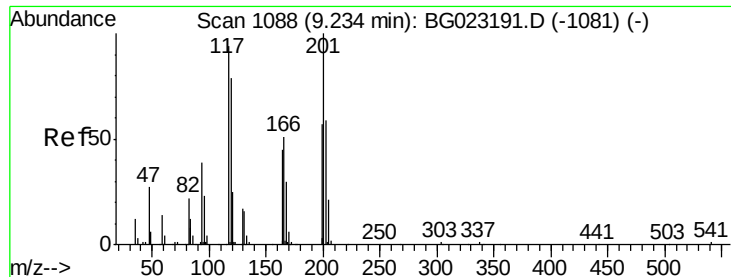
Tgt Ion	Ratio	Lower	Upper
70	100		
42	39.9	31.4	47.2
101	7.0	8.6	13.0#
130	13.4	19.0	28.4#



#16
4-Methylphenol
Concen: 5.54 ng/ul
RT: 8.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Lower	Upper
108	100		
107	123.9	88.3	132.5





#17

Hexachloroethane

Concen: 5.68 ng/ul

RT: 9.24 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampled :

MDL-05-W

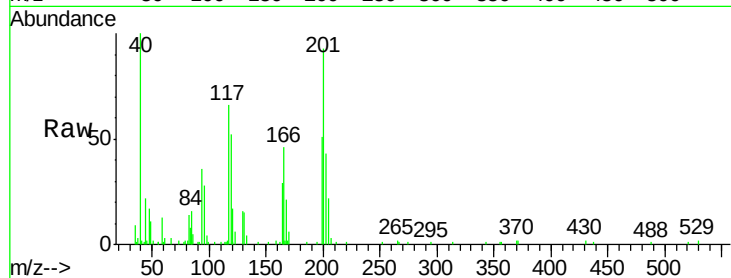
Tgt Ion:117 Resp: 22228

Ion Ratio Lower Upper

117 100

201 141.3 76.8 115.2#

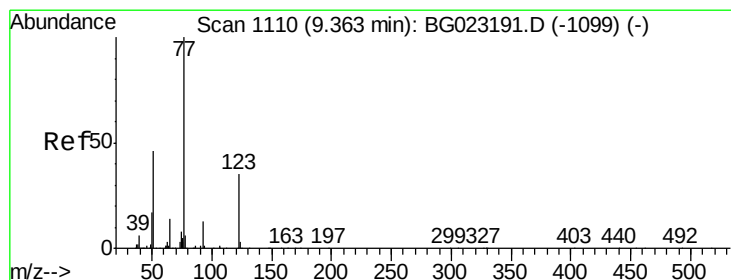
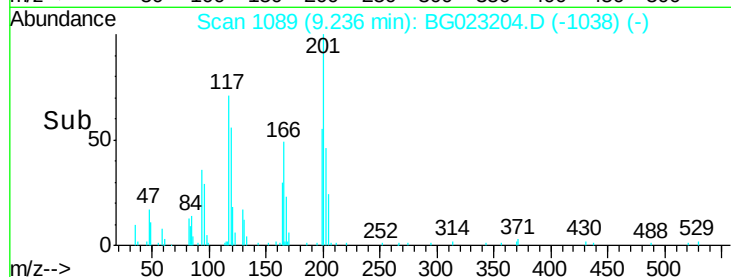
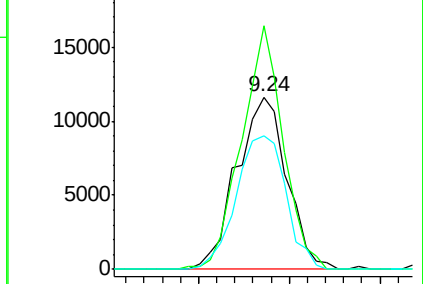
199 77.8 43.5 65.3#



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: 5.70 ng/ul

RT: 9.36 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

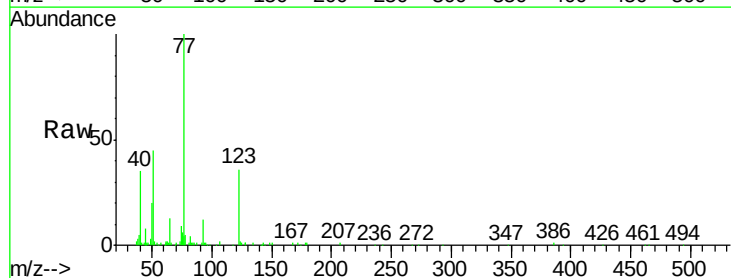
Tgt Ion: 77 Resp: 85271

Ion Ratio Lower Upper

77 100

123 35.8 39.5 59.3#

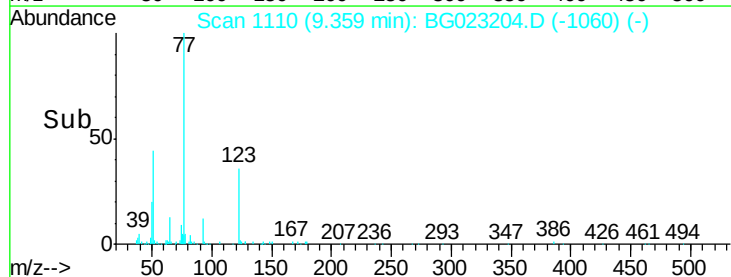
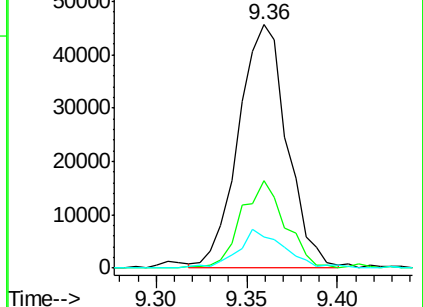
65 12.9 9.0 13.4

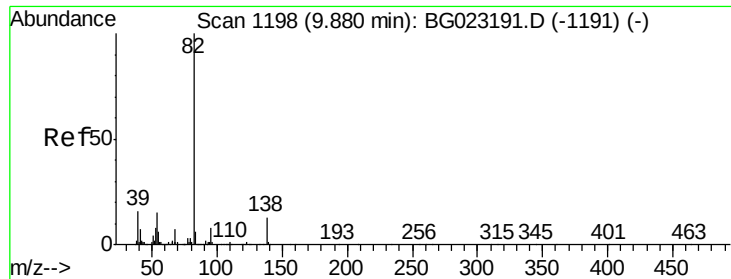


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 5.78 ng/ul

RT: 9.88 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

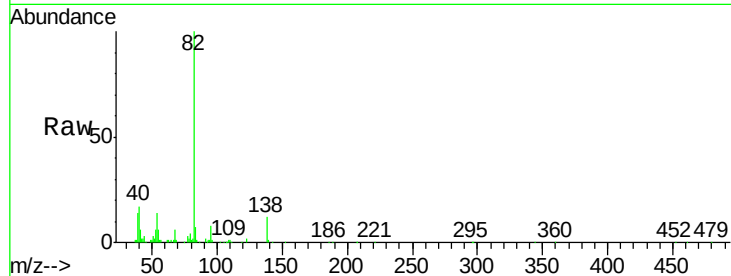
Tgt Ion: 82 Resp: 164861

Ion Ratio Lower Upper

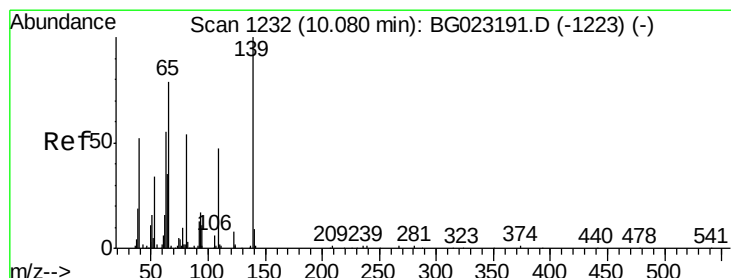
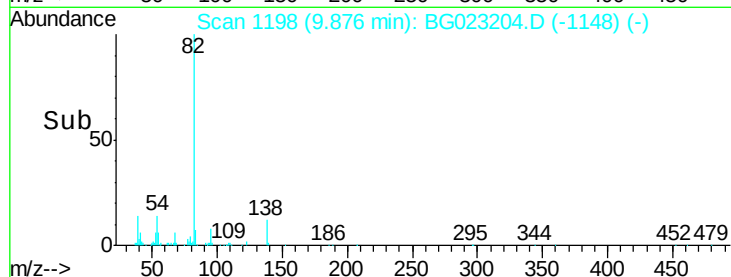
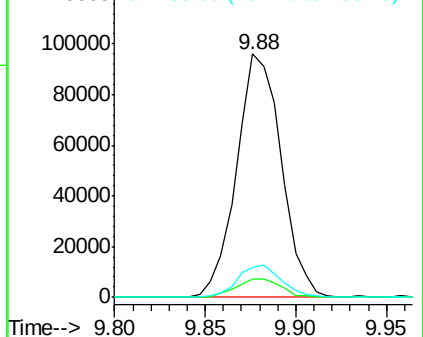
82 100

95 7.7 5.1 7.7

138 12.1 15.0 22.6#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#23

2-Nitrophenol

Concen: 5.42 ng/ul

RT: 10.08 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

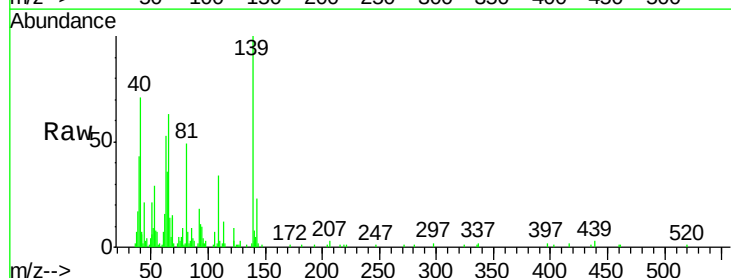
Tgt Ion: 139 Resp: 31315

Ion Ratio Lower Upper

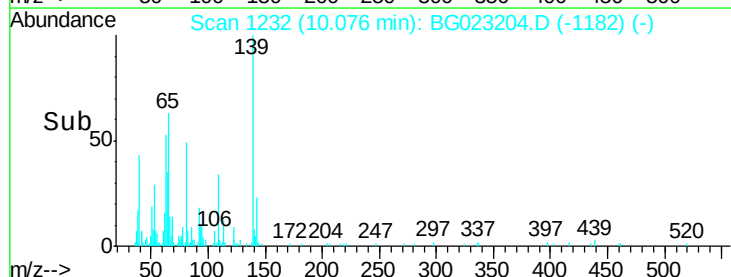
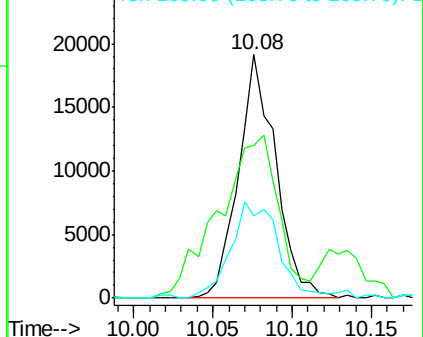
139 100

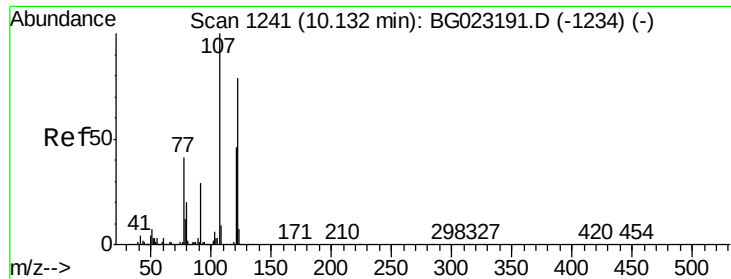
65 62.8 31.8 47.8#

109 33.9 17.1 25.7#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 109.00 (108.70 to 109.70): BGC

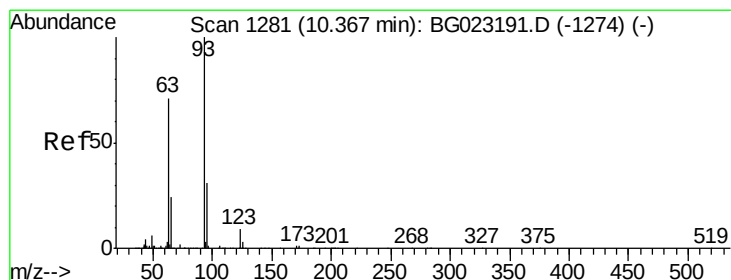
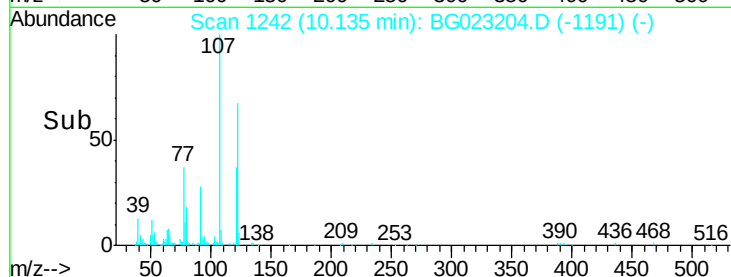
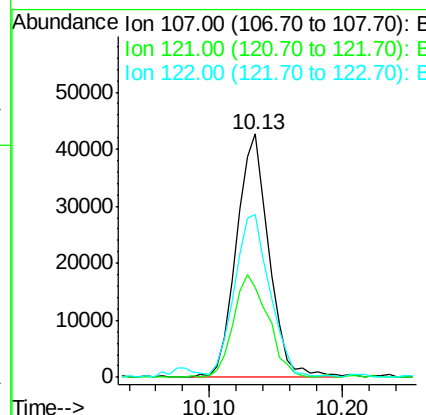
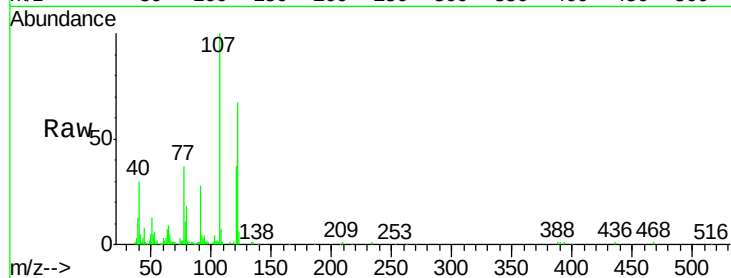




#24
 2,4-Dimethylphenol
 Concen: 5.45 ng/ul
 RT: 10.13 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BG023204.D
 Acq: 21 Jul 2016 1:55

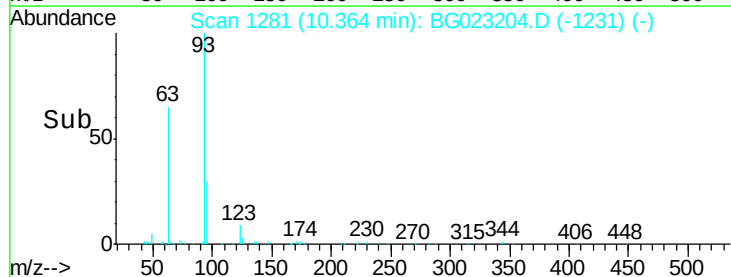
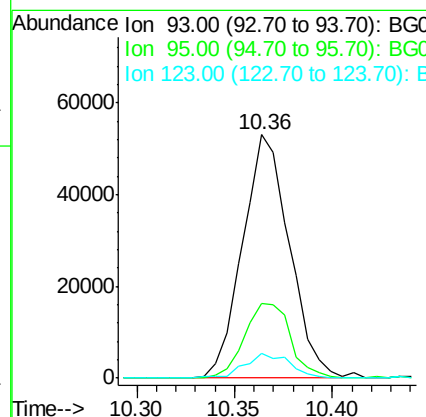
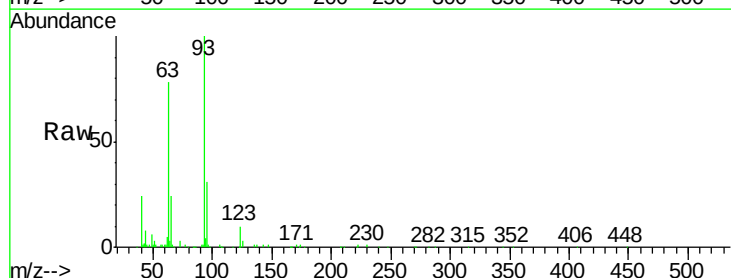
Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-W

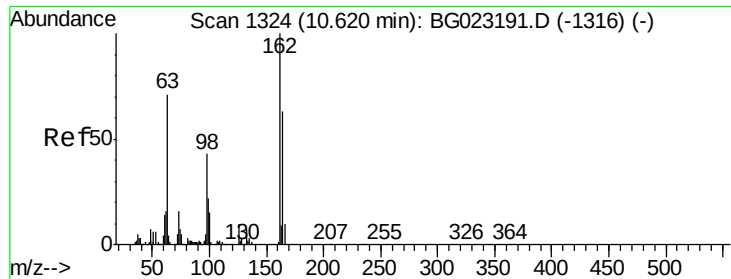
Tgt Ion: 107 Resp: 72243
 Ion Ratio Lower Upper
 107 100
 121 36.9 43.7 65.5#
 122 67.0 70.3 105.5#



#25
 Bis(2-Chloroethoxy)methane
 Concen: 5.57 ng/ul
 RT: 10.36 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG023204.D
 Acq: 21 Jul 2016 1:55

Tgt Ion: 93 Resp: 87844
 Ion Ratio Lower Upper
 93 100
 95 30.7 26.0 39.0
 123 10.0 10.1 15.1#

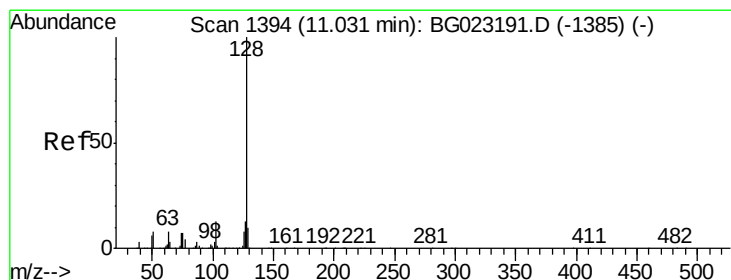
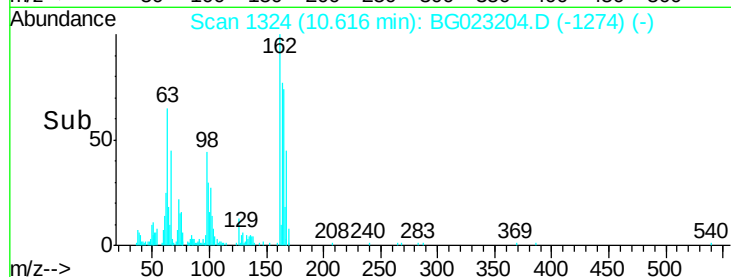
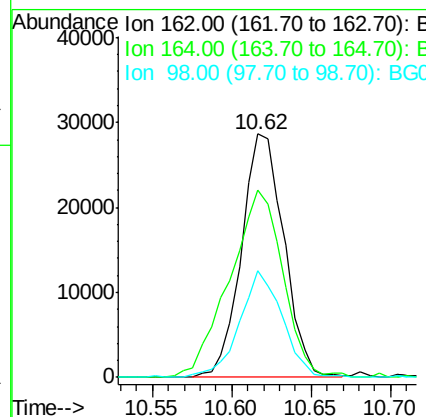
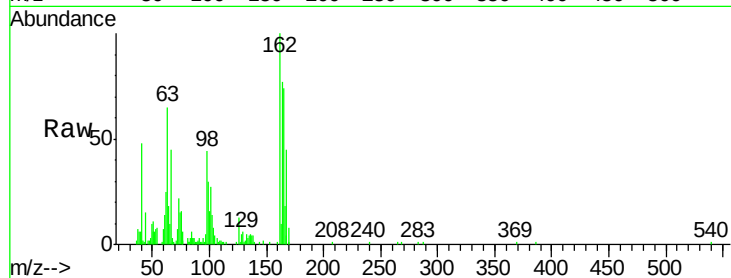




#27
 2,4-Dichlorophenol
 Concen: 5.29 ng/ul
 RT: 10.62 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BG023204.D
 Acq: 21 Jul 2016 1:55

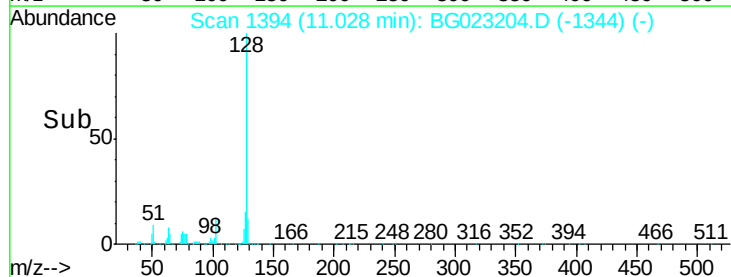
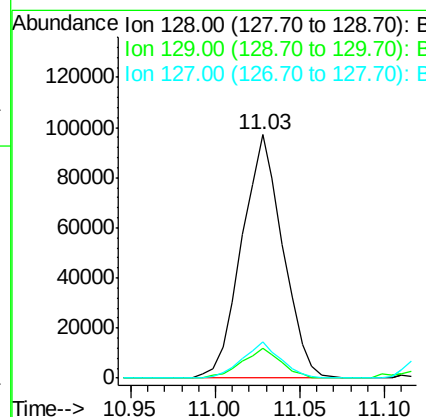
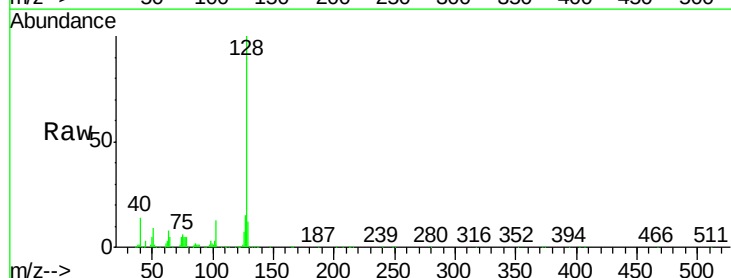
Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-W

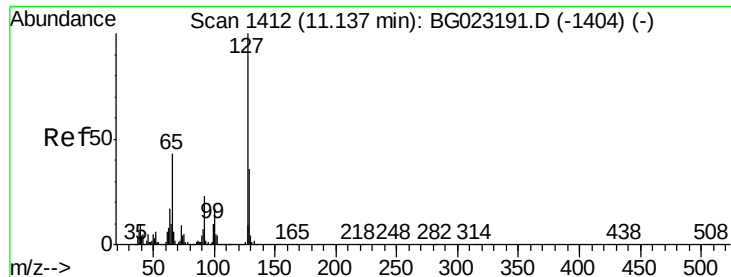
Tgt Ion:162 Resp: 53248
 Ion Ratio Lower Upper
 162 100
 164 77.2 51.6 77.4
 98 43.8 28.3 42.5#



#28
 Naphthalene
 Concen: 5.64 ng/ul
 RT: 11.03 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BG023204.D
 Acq: 21 Jul 2016 1:55

Tgt Ion:128 Resp: 164363
 Ion Ratio Lower Upper
 128 100
 129 12.1 9.4 14.2
 127 14.9 11.2 16.8

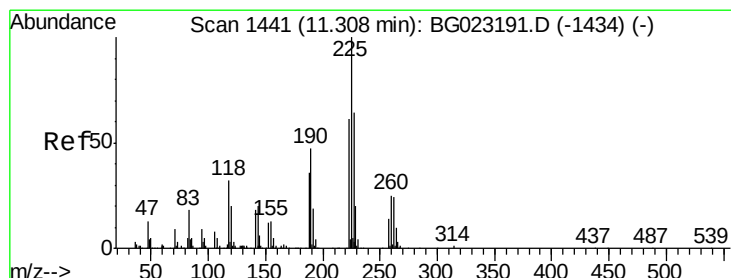
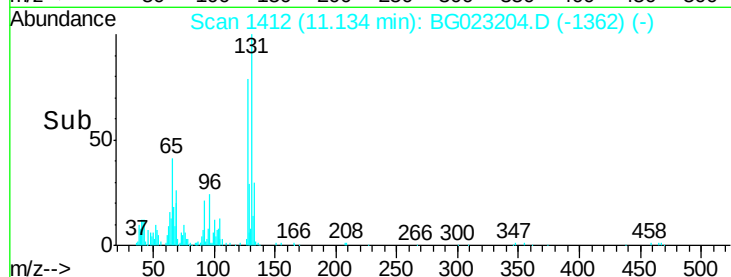
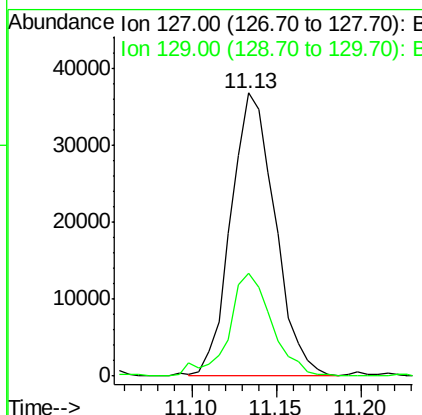
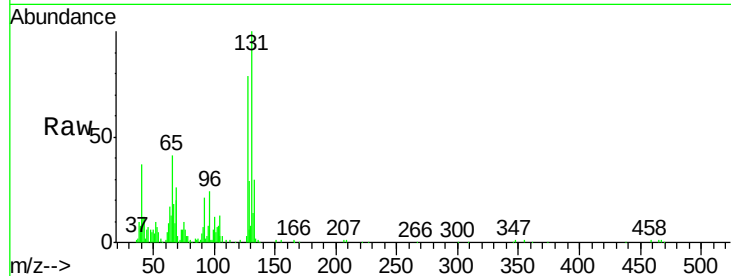




#30
4-Chloroaniline
Concen: 6.14 ng/ul
RT: 11.13 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

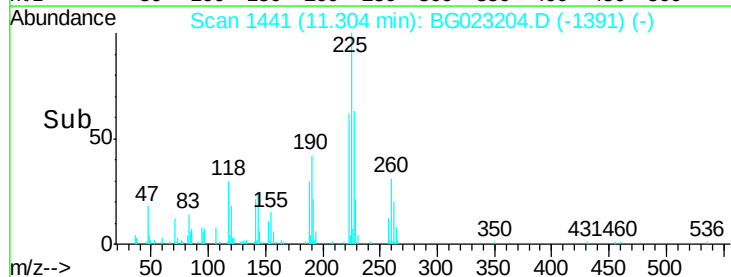
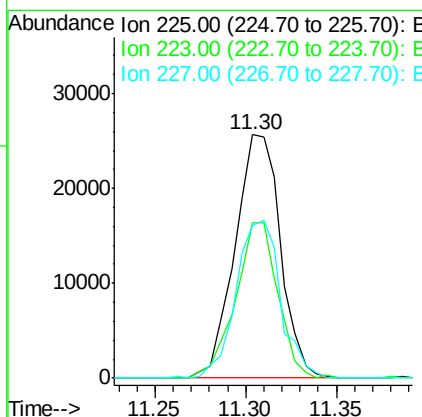
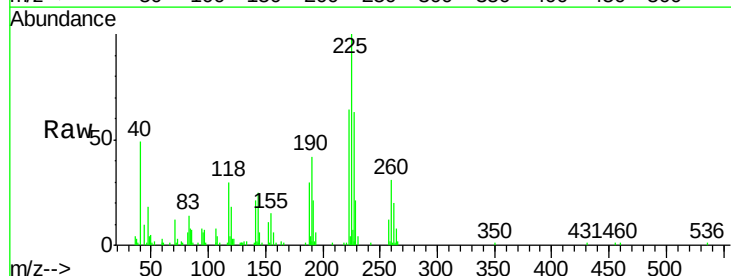
Instrument :
BNA_G
ClientSampleId :
MDL-05-W

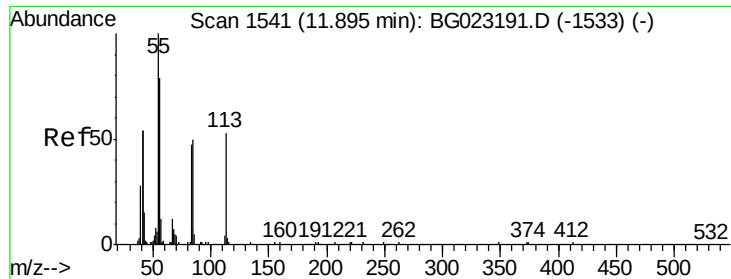
Tgt Ion:127 Resp: 66826
Ion Ratio Lower Upper
127 100
129 36.6 26.9 40.3



#31
Hexachlorobutadiene
Concen: 5.54 ng/ul
RT: 11.30 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Tgt Ion:225 Resp: 44877
Ion Ratio Lower Upper
225 100
223 59.6 54.7 82.1
227 60.9 52.2 78.4





#32

Caprolactam

Concen: 5.43 ng/ul

RT: 11.92 min Scan# 1546

Delta R.T. 0.03 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

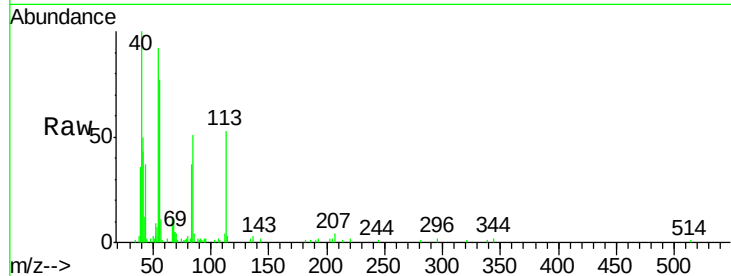
Tgt Ion:113 Resp: 22671

Ion Ratio Lower Upper

113 100

55 174.7 99.6 149.4#

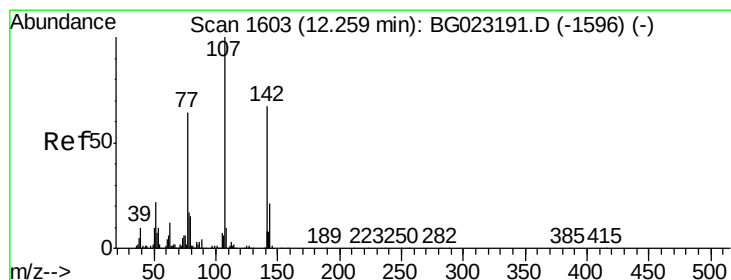
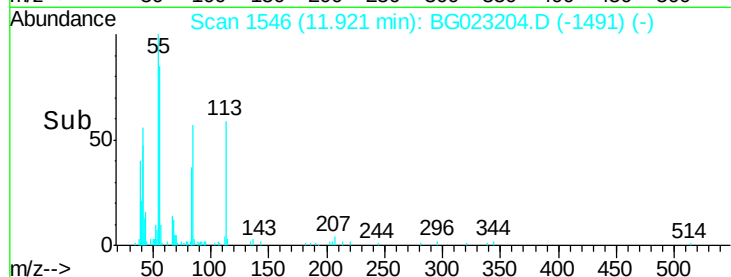
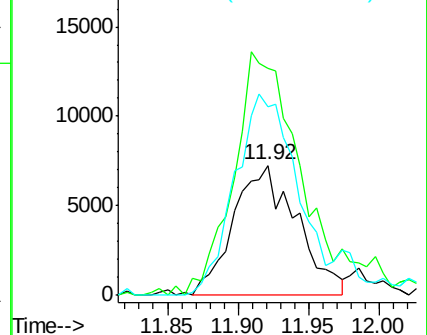
56 145.4 66.4 99.6#



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: 5.24 ng/ul

RT: 12.26 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

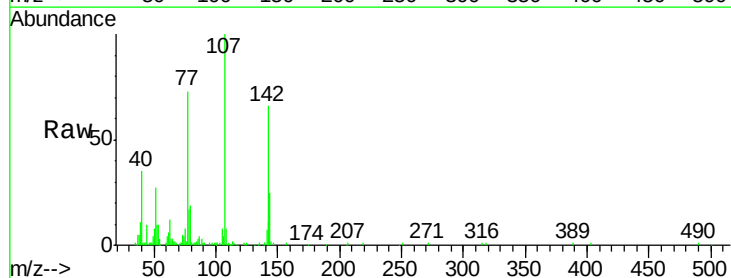
Tgt Ion:107 Resp: 69293

Ion Ratio Lower Upper

107 100

144 24.8 22.7 34.1

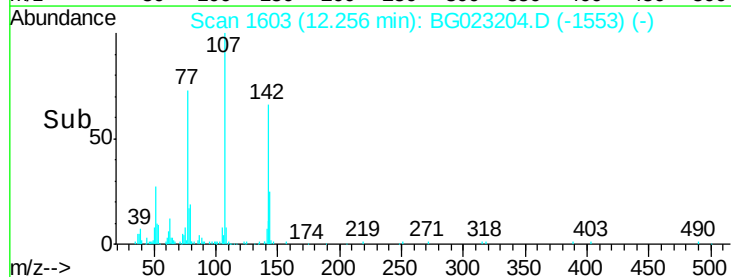
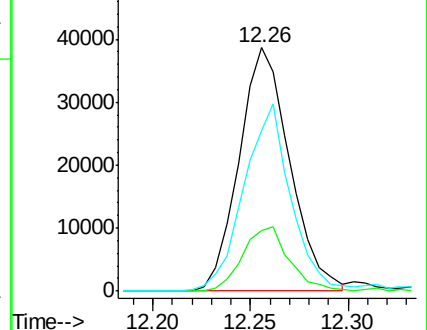
142 65.9 71.6 107.4#

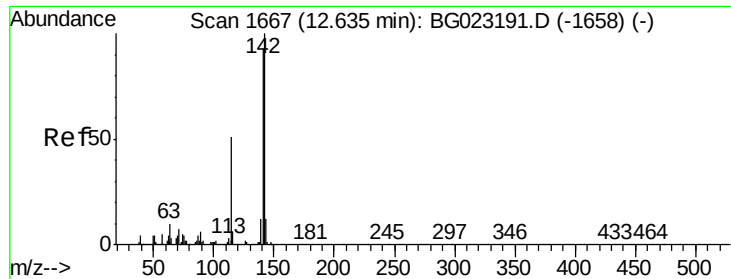


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 5.62 ng/ul

RT: 12.64 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

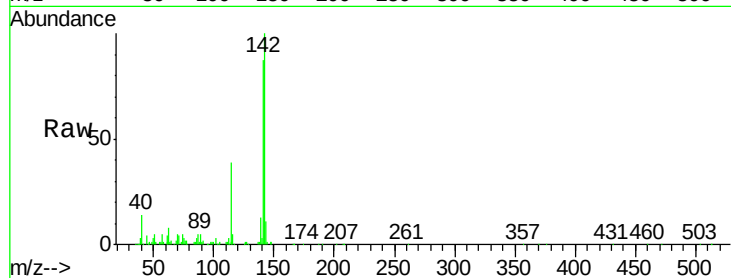
MDL-05-W

Tgt Ion:142 Resp: 135383

Ion Ratio Lower Upper

142 100

141 86.7 75.2 112.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.64

80000

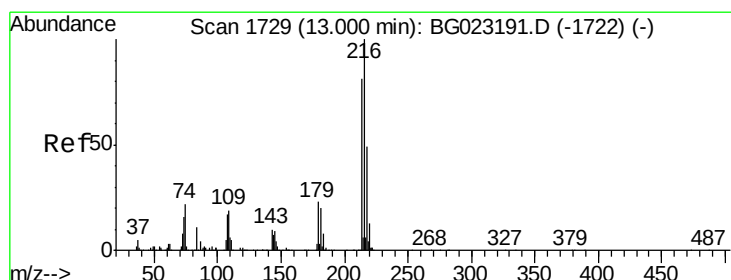
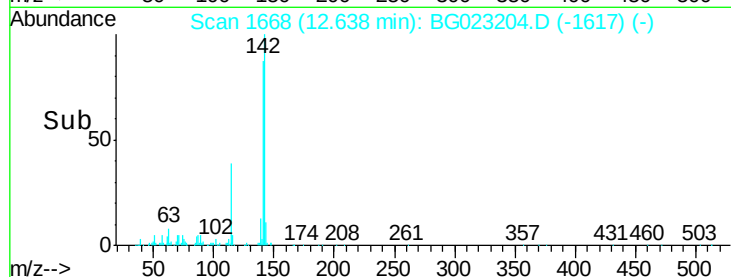
60000

40000

20000

0

Time--> 12.55 12.60 12.65 12.70



#36

1,2,4,5-Tetrachlorobenzene

Concen: 5.70 ng/ul

RT: 13.00 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Tgt Ion:216 Resp: 81157

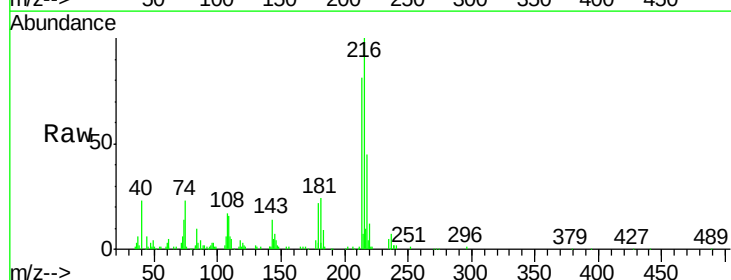
Ion Ratio Lower Upper

216 100

214 80.5 61.7 92.5

179 24.7 17.0 25.4

108 17.3 14.2 21.2



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

13.00

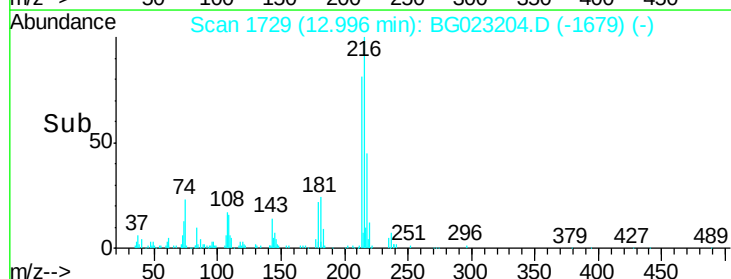
60000

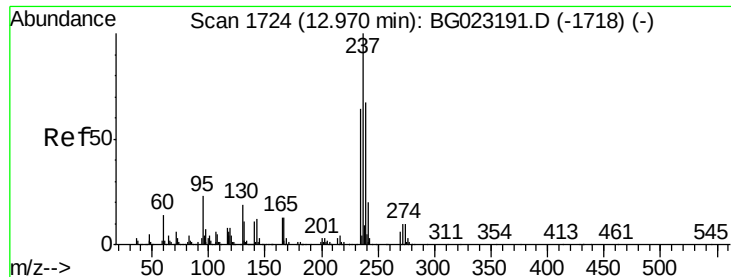
40000

20000

0

Time--> 12.95 13.00 13.05





#37

Hexachlorocyclopentadiene

Concen: 4.75 ng/ul

RT: 12.97 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

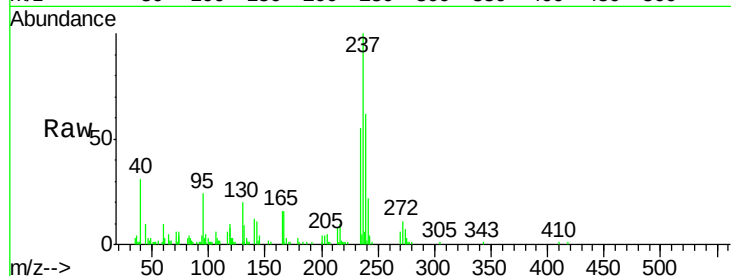
Tgt Ion: 237 Resp: 44039

Ion Ratio Lower Upper

237 100

235 59.8 49.6 74.4

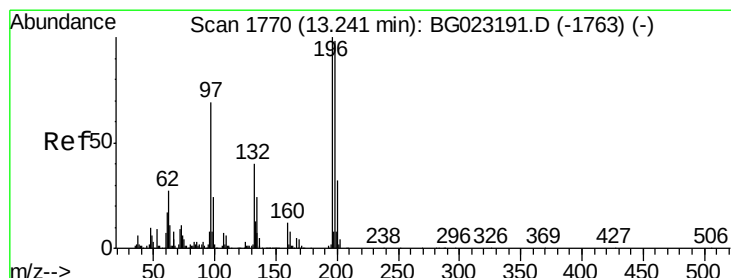
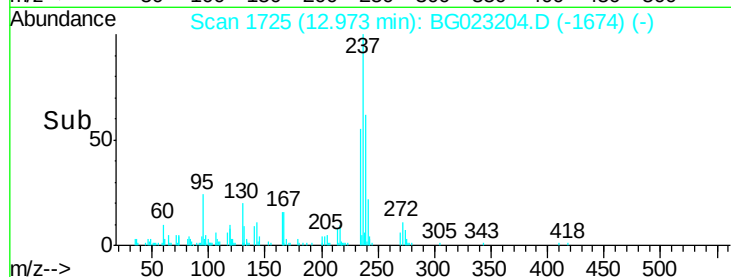
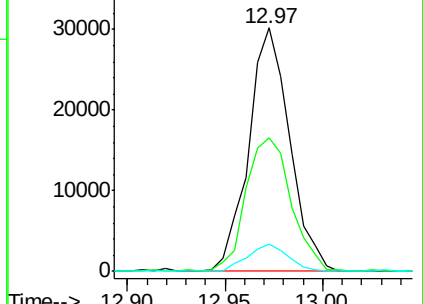
272 11.4 9.3 13.9



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: 5.24 ng/ul

RT: 13.24 min Scan# 1770

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

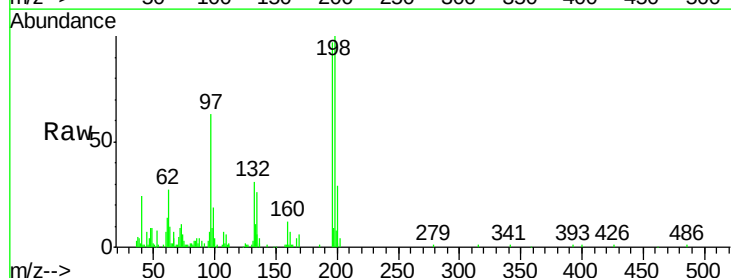
Tgt Ion: 196 Resp: 51643

Ion Ratio Lower Upper

196 100

198 103.1 77.4 116.0

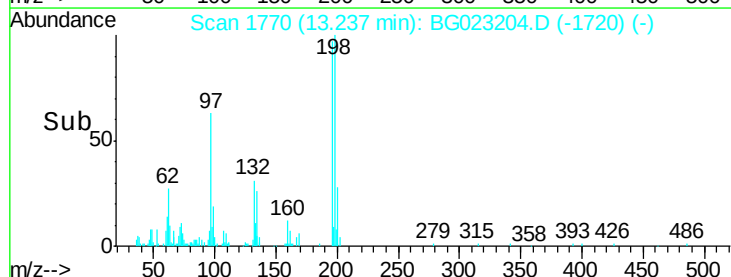
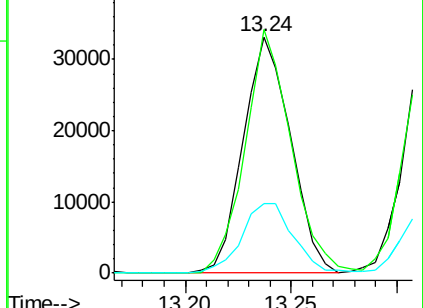
200 29.7 26.6 39.8

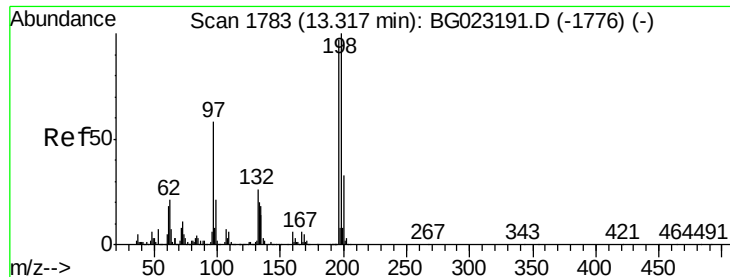


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

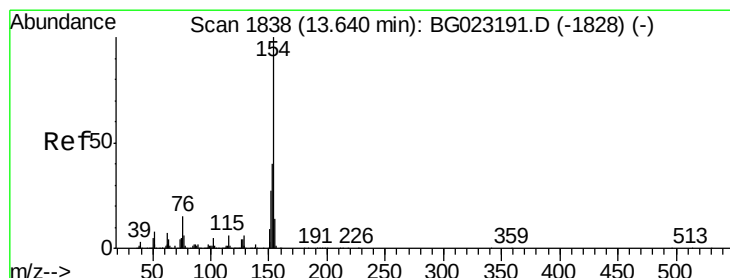
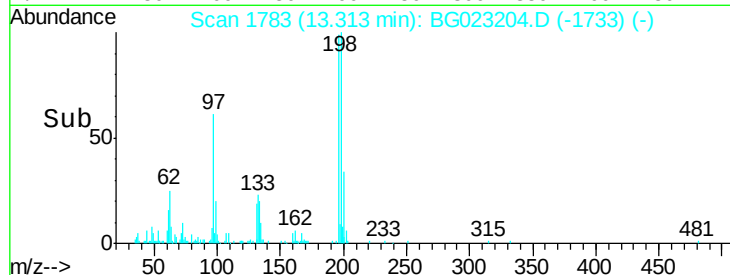
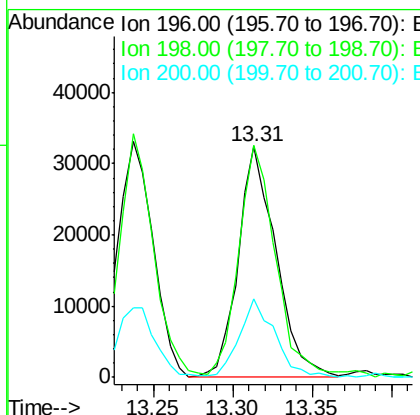
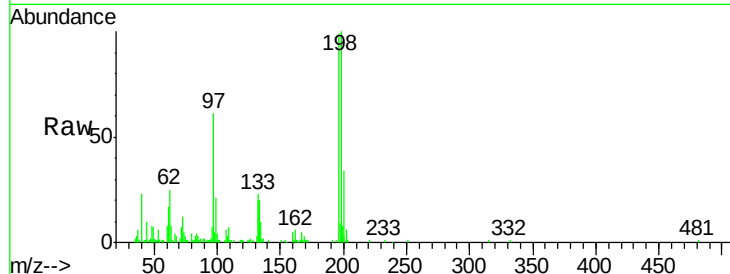




#39
 2,4,5-Trichlorophenol
 Concen: 5.36 ng/ul
 RT: 13.31 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: BG023204.D
 Acq: 21 Jul 2016 1:55

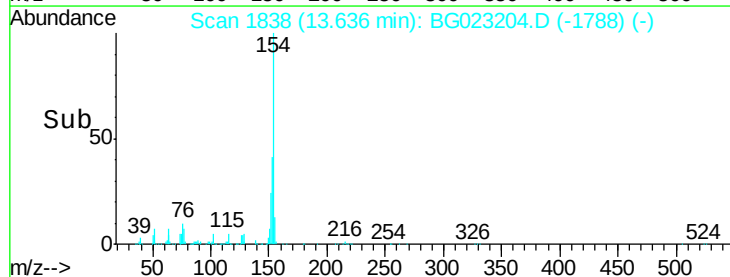
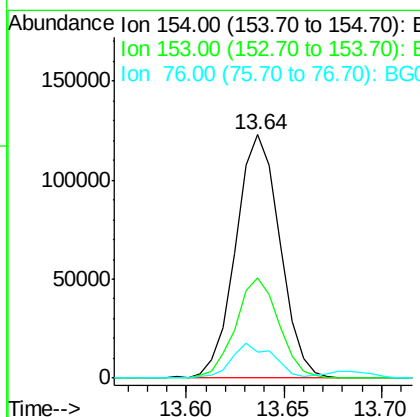
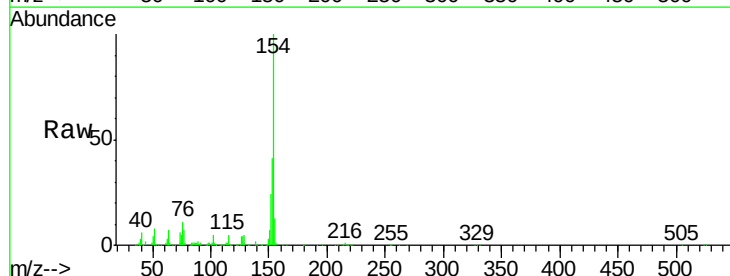
Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-W

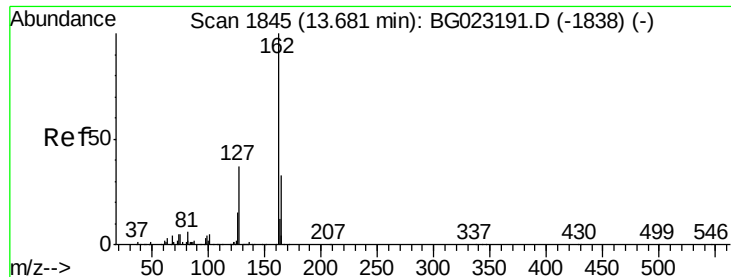
Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.9	79.8	119.8
200	34.2	24.0	36.0



#40
 1,1'-Biphenyl
 Concen: 6.02 ng/ul
 RT: 13.64 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BG023204.D
 Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	34.6	52.0
76	10.6	11.9	17.9

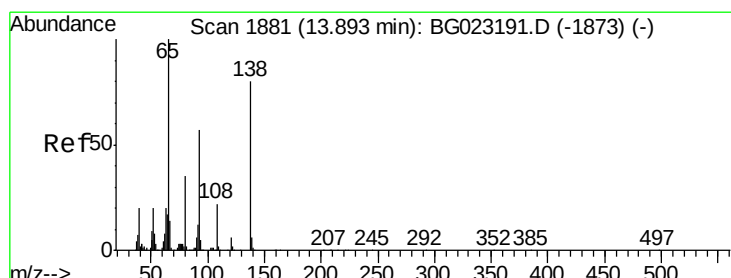
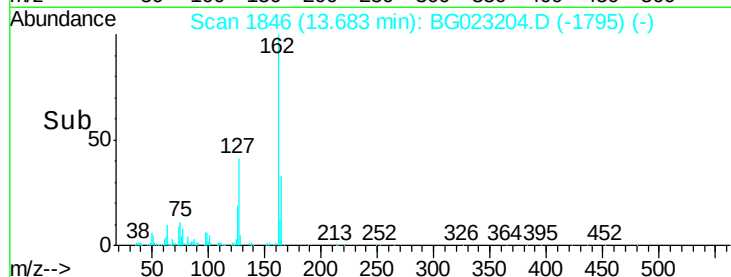
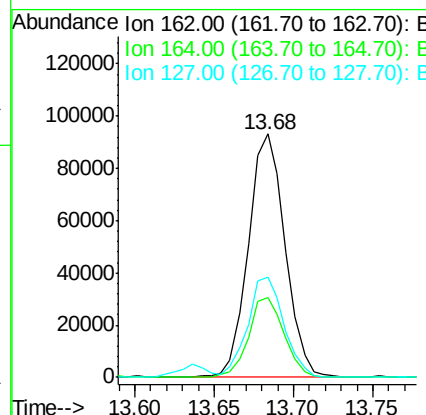
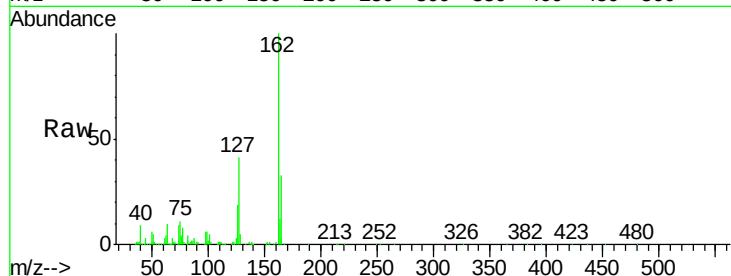




#41
 2-Chloronaphthalene
 Concen: 5.80 ng/ul
 RT: 13.68 min Scan# 1846
 Delta R.T. 0.00 min
 Lab File: BG023204.D
 Acq: 21 Jul 2016 1:55

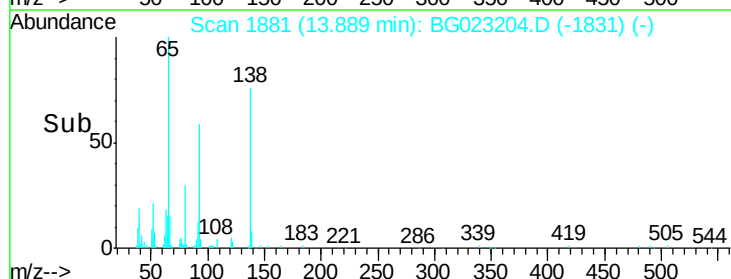
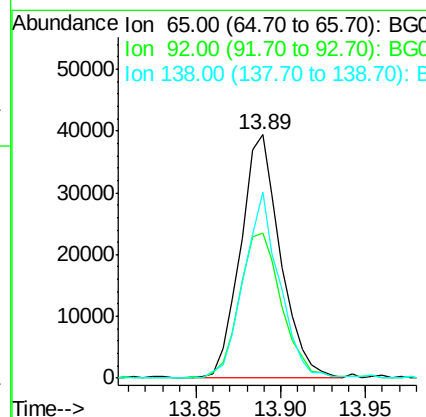
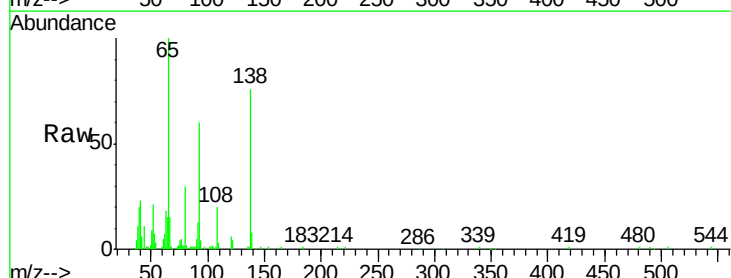
Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-W

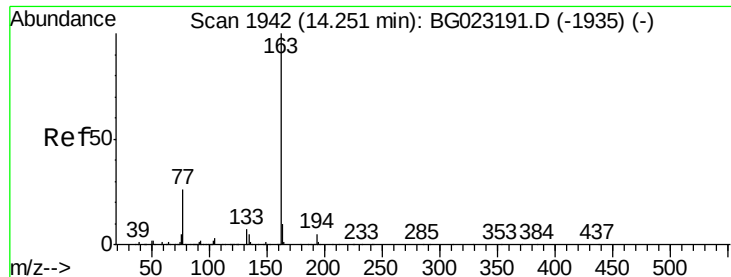
Tgt Ion: 162 Resp: 149600
 Ion Ratio Lower Upper
 162 100
 164 32.7 25.4 38.2
 127 41.2 30.2 45.4



#42
 2-Nitroaniline
 Concen: 5.64 ng/ul
 RT: 13.89 min Scan# 1881
 Delta R.T. -0.00 min
 Lab File: BG023204.D
 Acq: 21 Jul 2016 1:55

Tgt Ion: 65 Resp: 64779
 Ion Ratio Lower Upper
 65 100
 92 59.6 67.1 100.7#
 138 76.3 109.6 164.4#





#44

Dimethylphthalate

Concen: 6.23 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

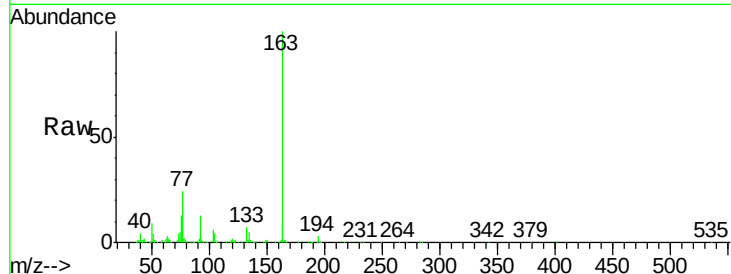
Instrument :

BNA_G

ClientSampleId :

MDL-05-W

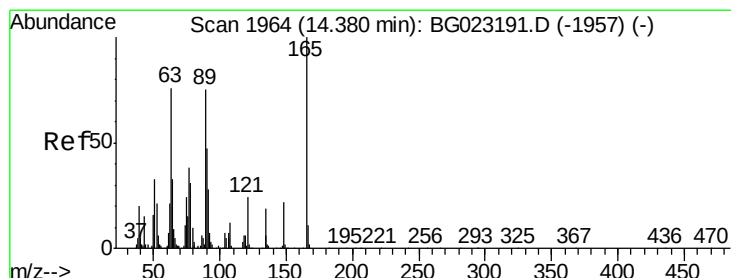
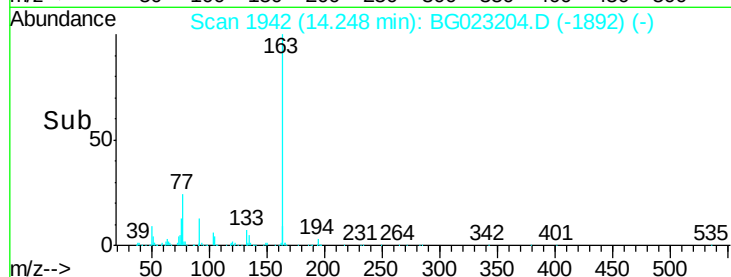
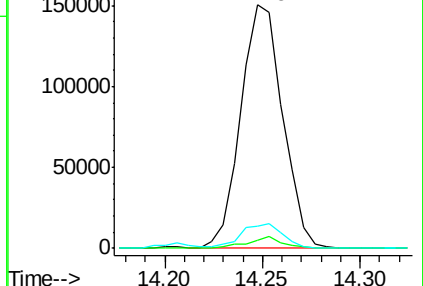
Tgt Ion:	163	Resp:	223950
Ion Ratio		Lower	Upper
163	100		
194	3.3	3.4	5.2#
164	8.9	8.8	13.2



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: 5.48 ng/ul

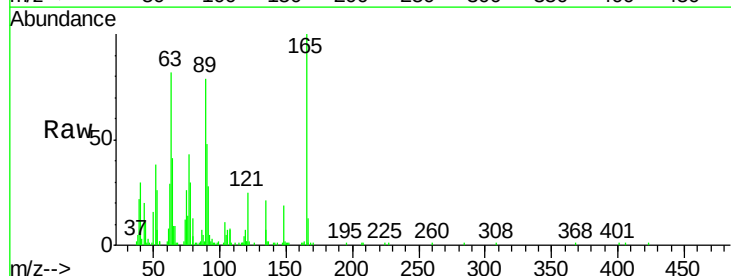
RT: 14.38 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

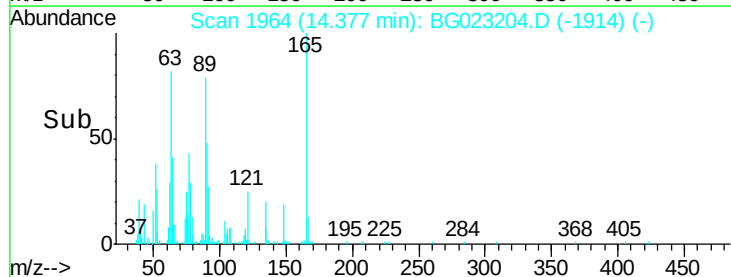
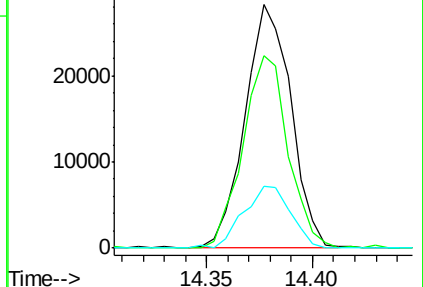
Tgt Ion:	165	Resp:	42732
Ion Ratio		Lower	Upper
165	100		
89	79.2	41.5	62.3#
121	25.4	17.0	25.4

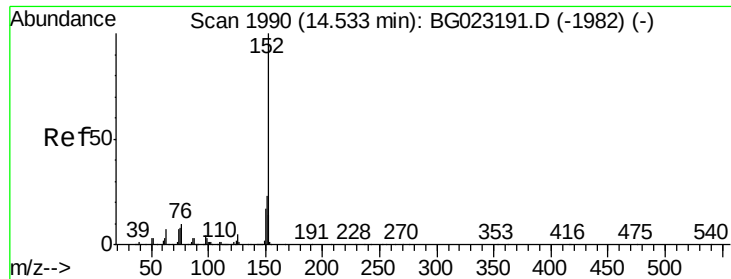


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 5.95 ng/ul

RT: 14.53 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

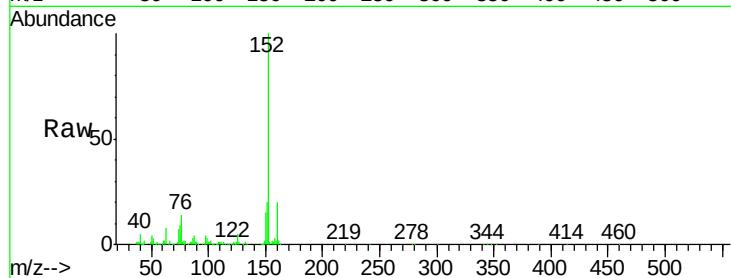
Tgt Ion:152 Resp: 242808

Ion Ratio Lower Upper

152 100

151 19.8 17.5 26.3

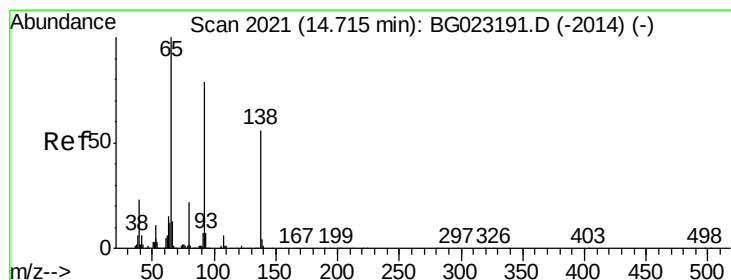
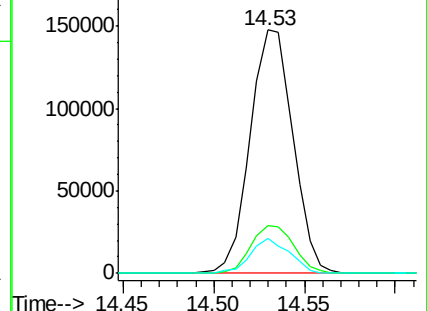
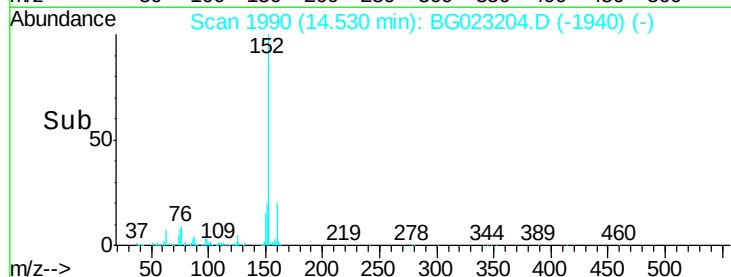
153 14.6 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 6.38 ng/ul

RT: 14.71 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

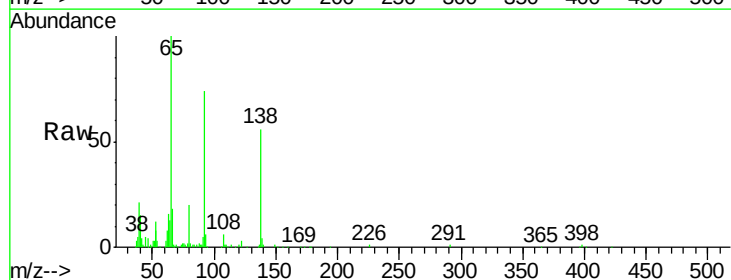
Tgt Ion:138 Resp: 42525

Ion Ratio Lower Upper

138 100

108 10.5 6.2 9.2#

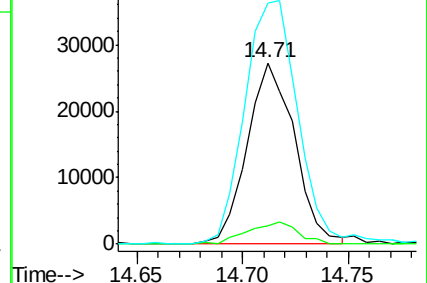
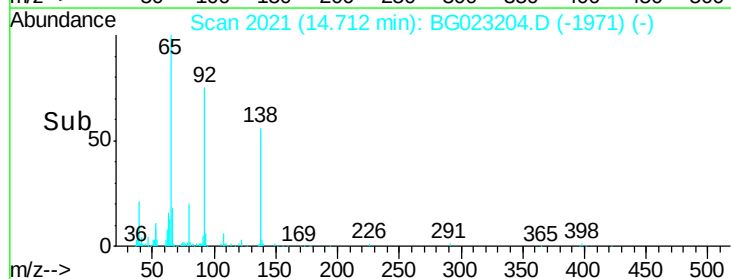
92 133.0 79.3 118.9#

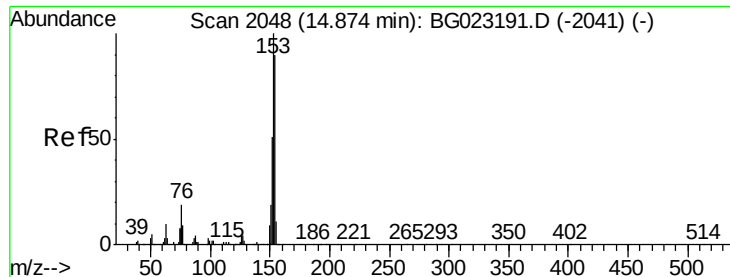


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#49

Acenaphthene

Concen: 5.84 ng/ul

RT: 14.87 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

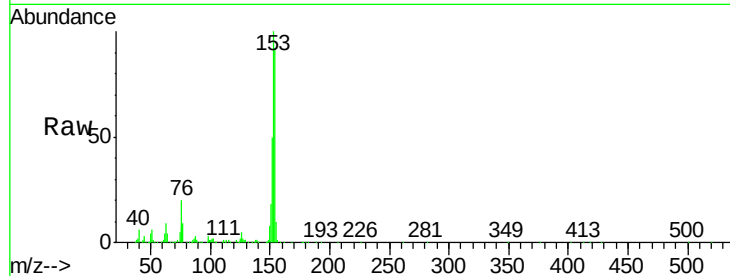
Instrument :

BNA_G

ClientSampled :

MDL-05-W

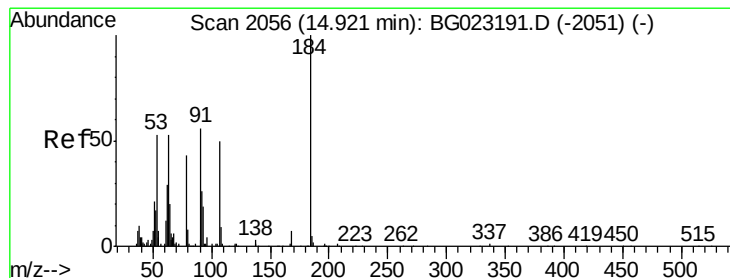
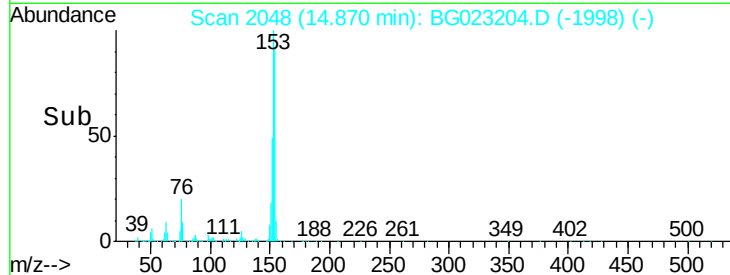
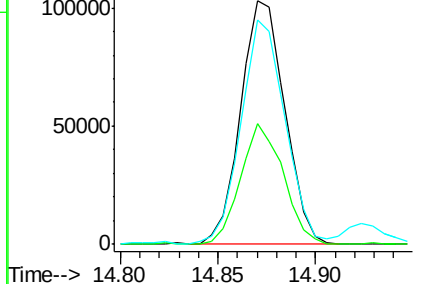
Tgt Ion:	153	Resp:	161337
Ion	Ratio	Lower	Upper
153	100		
152	49.5	37.3	55.9
154	92.3	68.2	102.2



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: 0.16 ng/ul

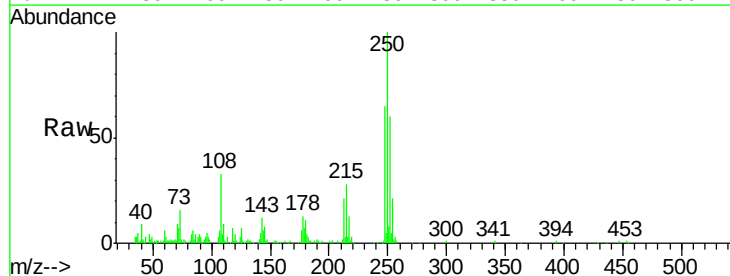
RT: 15.12 min Scan# 2090

Delta R.T. 0.20 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

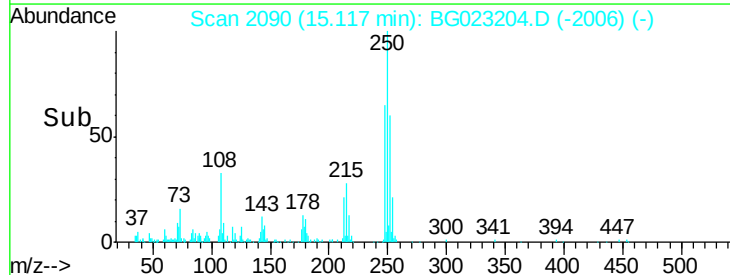
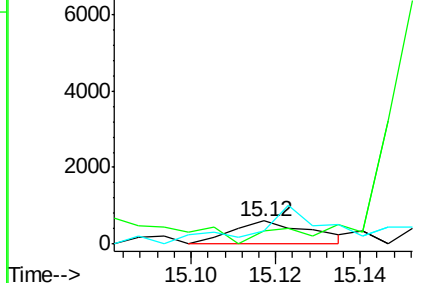
Tgt Ion:	184	Resp:	792
Ion	Ratio	Lower	Upper
184	100		
63	55.1	40.5	60.7
154	55.1	48.5	72.7

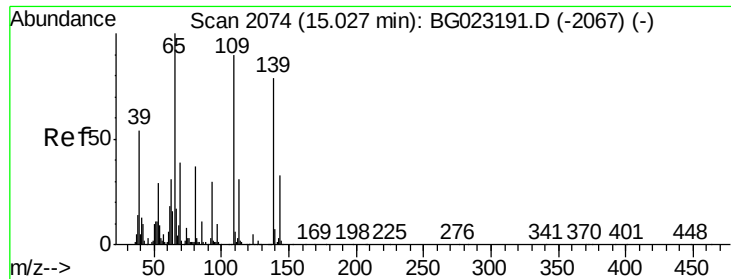


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

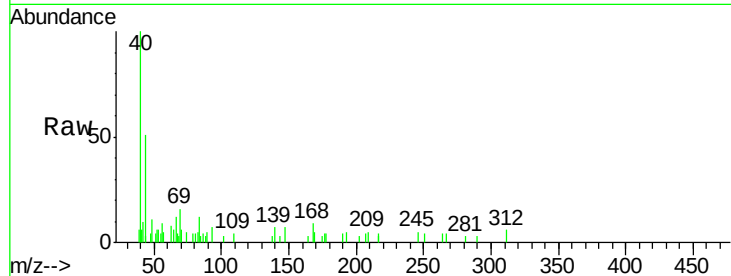




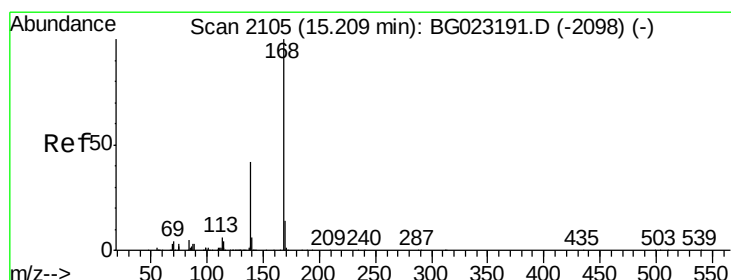
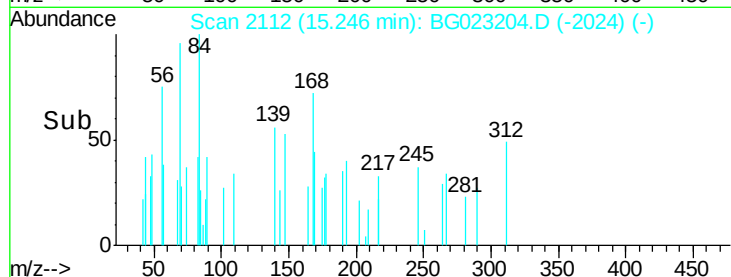
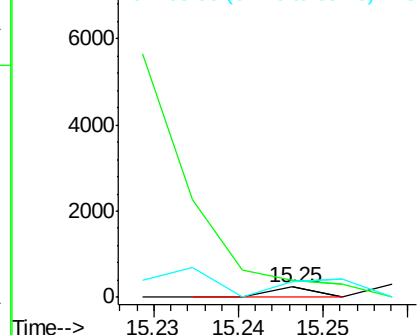
#52
4-Nitrophenol
Concen: 0.01 ng/ul
RT: 15.25 min Scan# 2112
Delta R.T. 0.22 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Tgt Ion	Ratio	Lower	Upper
109	100		
139	164.7	136.1	204.1
65	151.3	106.0	159.0

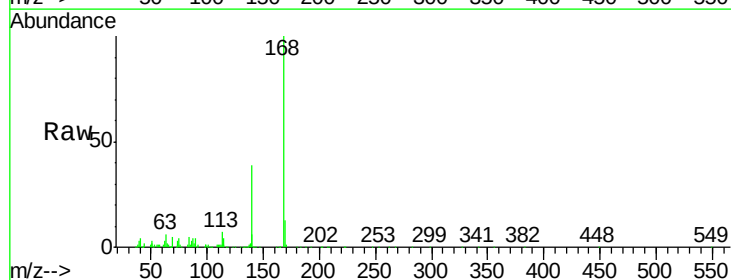


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BGC

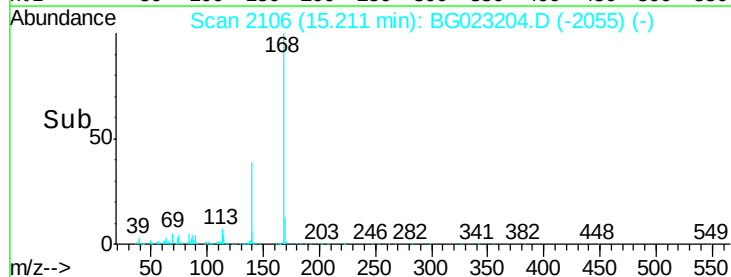
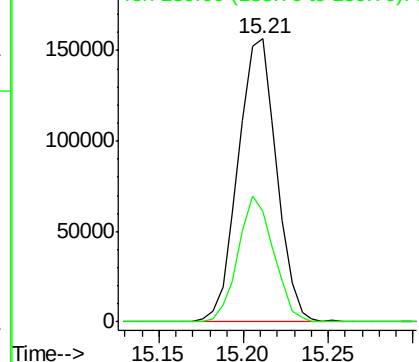


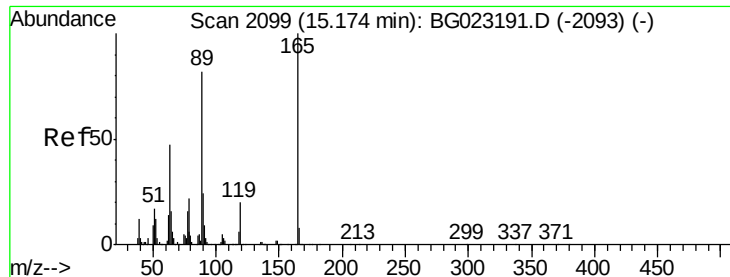
#53
Dibenzofuran
Concen: 6.10 ng/ul
RT: 15.21 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	27.4	41.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E

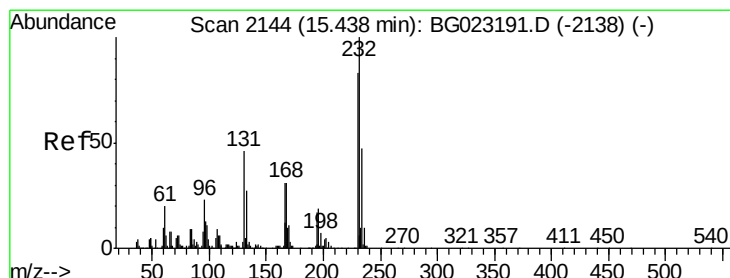
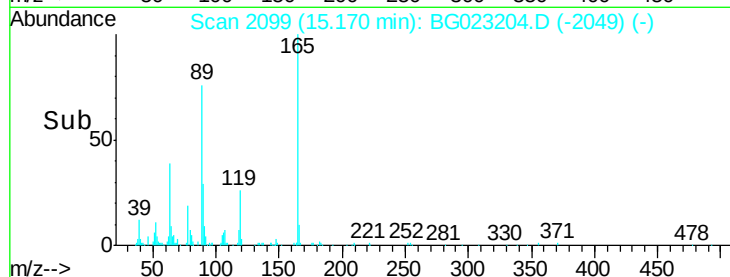
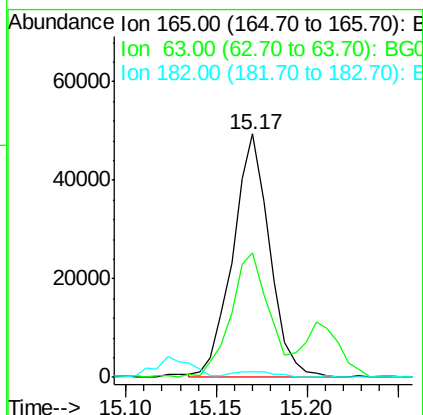
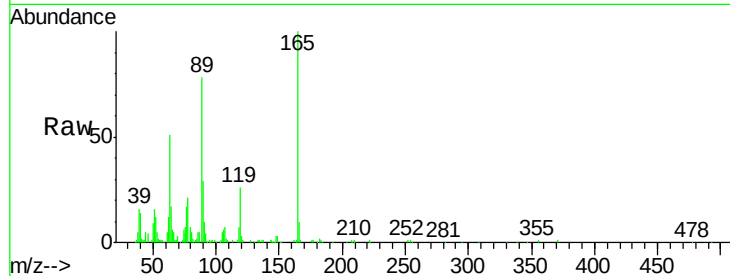




#54
 2,4-Dinitrotoluene
 Concen: 5.88 ng/ul
 RT: 15.17 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG023204.D
 Acq: 21 Jul 2016 1:55

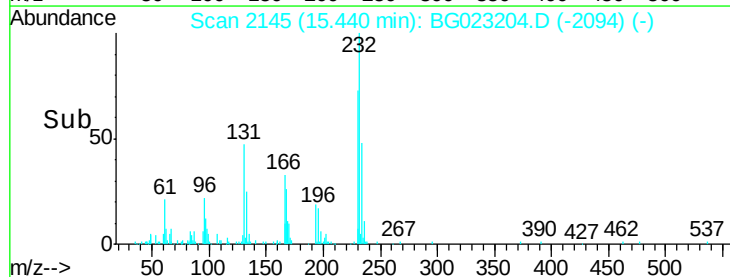
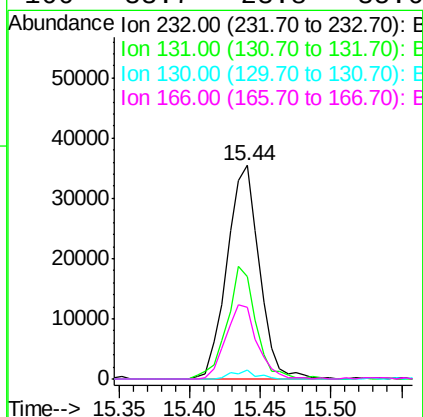
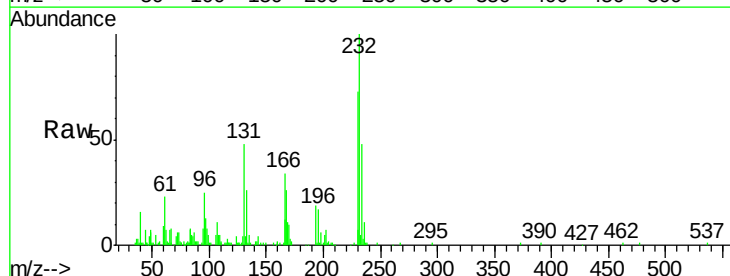
Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-W

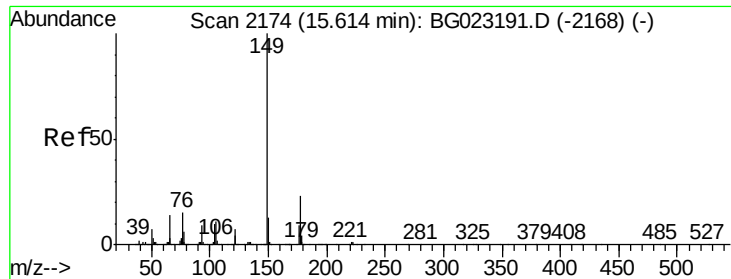
Tgt Ion:165 Resp: 69845
 Ion Ratio Lower Upper
 165 100
 63 51.1 25.7 38.5#
 182 2.2 2.1 3.1



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 5.56 ng/ul
 RT: 15.44 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BG023204.D
 Acq: 21 Jul 2016 1:55

Tgt Ion:232 Resp: 56507
 Ion Ratio Lower Upper
 232 100
 131 48.3 34.8 52.2
 130 4.0 2.2 3.2#
 166 33.7 23.8 35.6





#56

Diethylphthalate

Concen: 6.18 ng/ul

RT: 15.62 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

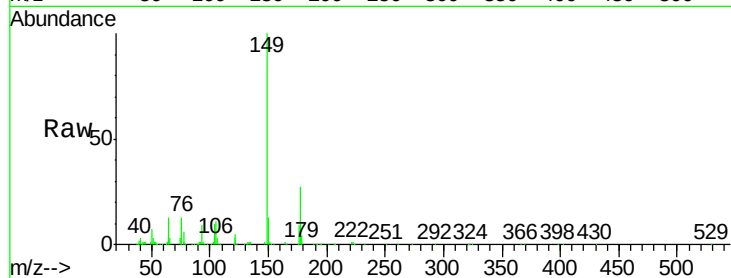
Tgt Ion:149 Resp: 236288

Ion Ratio Lower Upper

149 100

177 27.1 17.4 26.2#

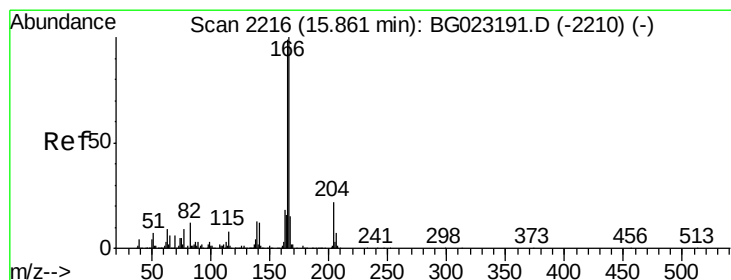
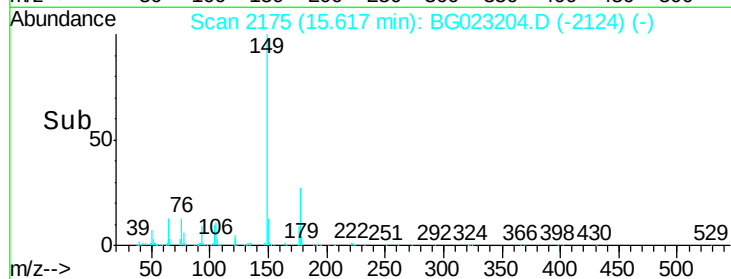
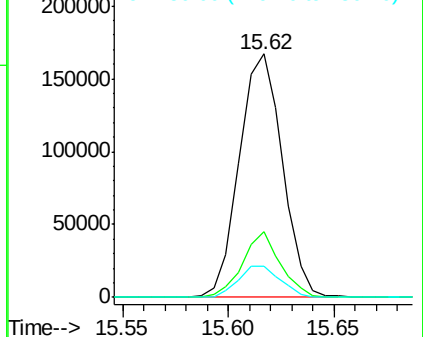
150 12.8 9.6 14.4



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: 6.05 ng/ul

RT: 15.86 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

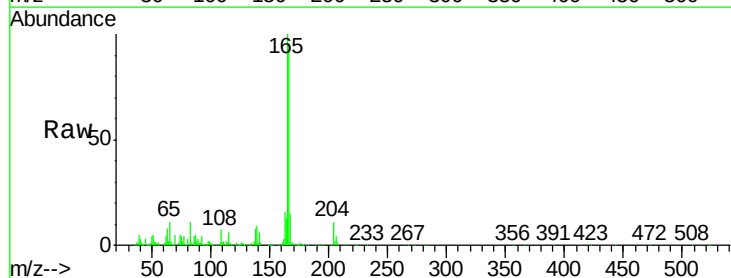
Tgt Ion:166 Resp: 203085

Ion Ratio Lower Upper

166 100

165 103.8 80.3 120.5

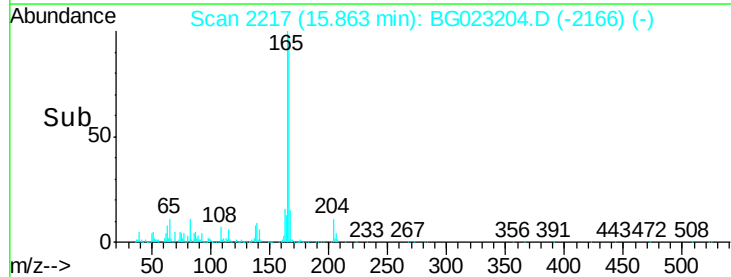
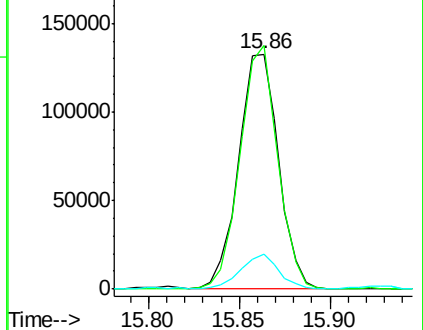
167 15.1 10.3 15.5

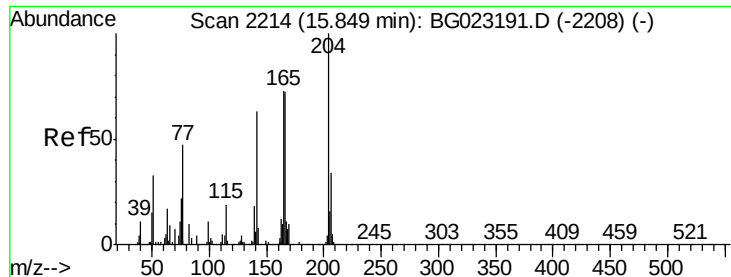


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

4-Chlorophenyl-phenylether

Concen: 5.80 ng/ul

RT: 15.85 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

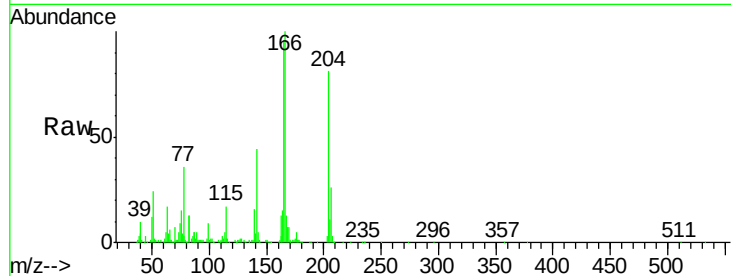
Tgt Ion:204 Resp: 106762

Ion Ratio Lower Upper

204 100

206 32.4 27.4 41.2

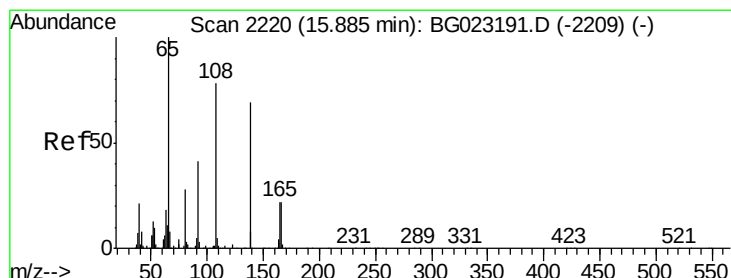
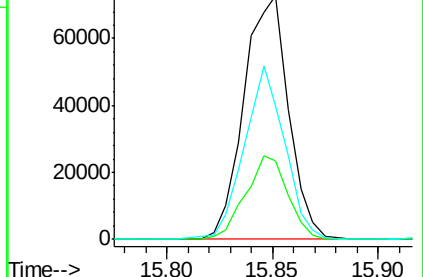
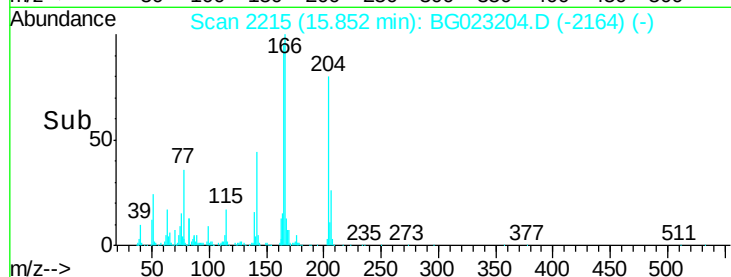
141 54.9 47.1 70.7



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#60

4-Nitroaniline

Concen: 6.04 ng/ul

RT: 15.88 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

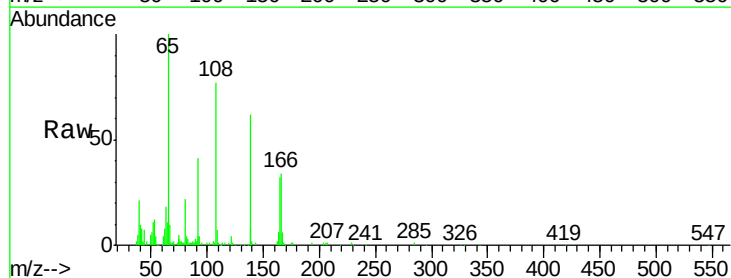
Tgt Ion:138 Resp: 49438

Ion Ratio Lower Upper

138 100

92 66.3 39.0 58.4#

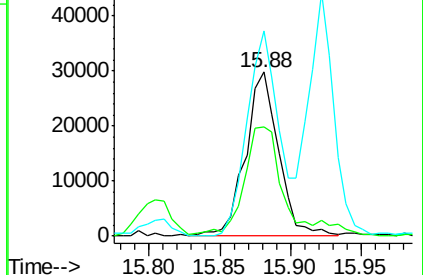
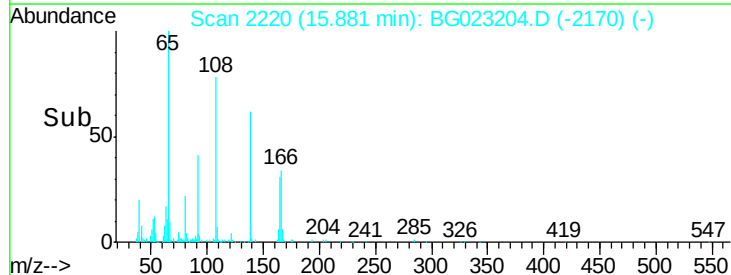
108 125.5 49.2 73.8#

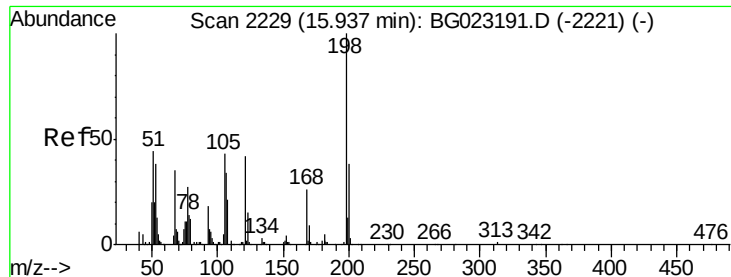


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

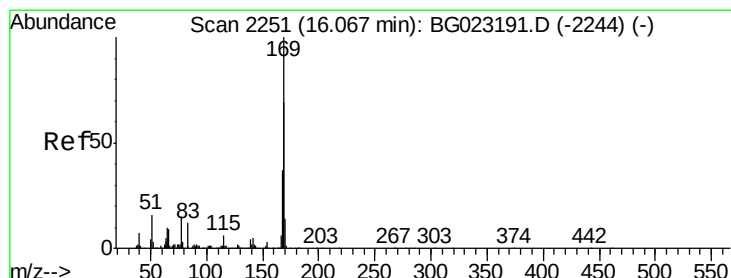
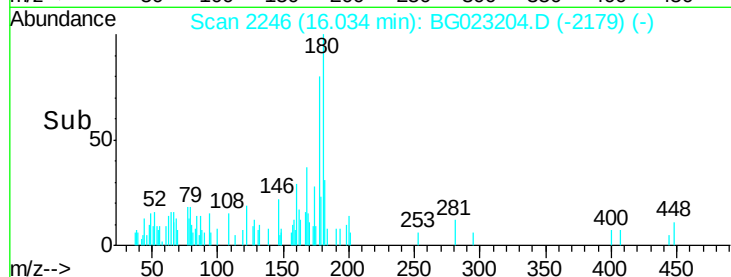
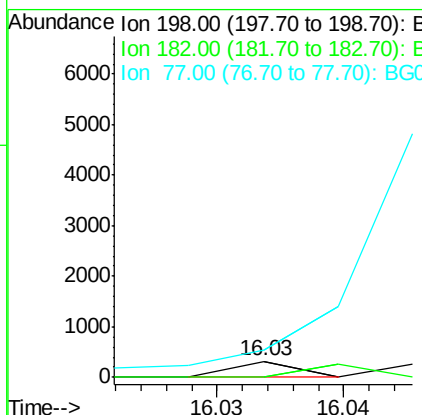
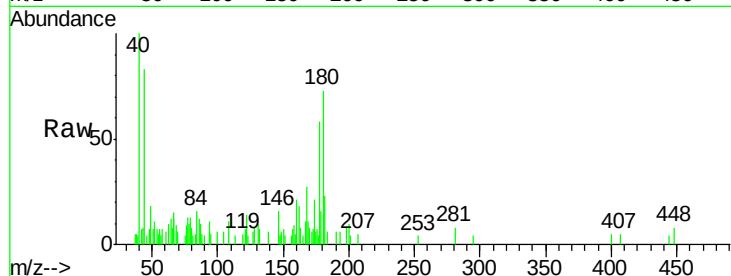




#63
 4,6-Dinitro-2-methylphenol
 Concen: 0.01 ng/ul
 RT: 16.03 min Scan# 2246
 Delta R.T. 0.10 min
 Lab File: BG023204.D
 Acq: 21 Jul 2016 1:55

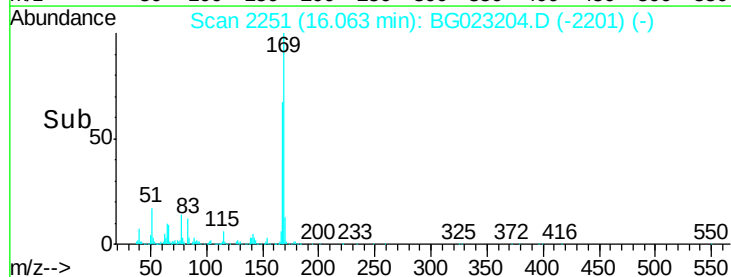
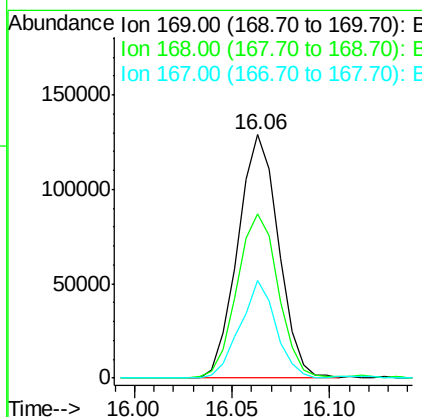
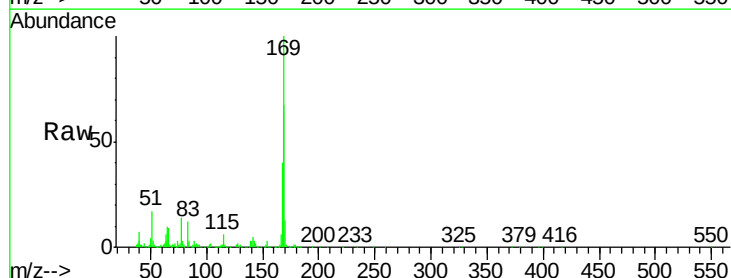
Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-W

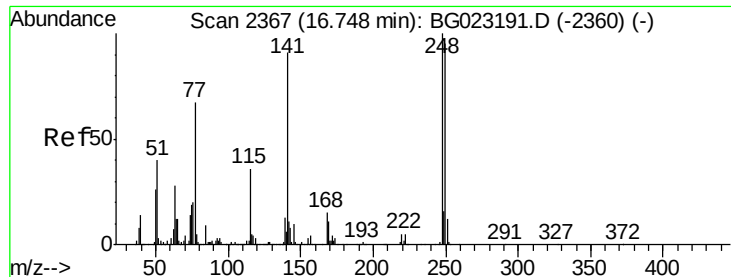
Tgt Ion:198 Resp: 110
 Ion Ratio Lower Upper
 198 100
 182 0.0 4.2 6.2#
 77 176.0 16.7 25.1#



#64
 N-Nitrosodiphenylamine
 Concen: 4.08 ng/ul
 RT: 16.06 min Scan# 2251
 Delta R.T. -0.00 min
 Lab File: BG023204.D
 Acq: 21 Jul 2016 1:55

Tgt Ion:169 Resp: 186872
 Ion Ratio Lower Upper
 169 100
 168 67.3 59.0 88.6
 167 39.9 30.6 46.0

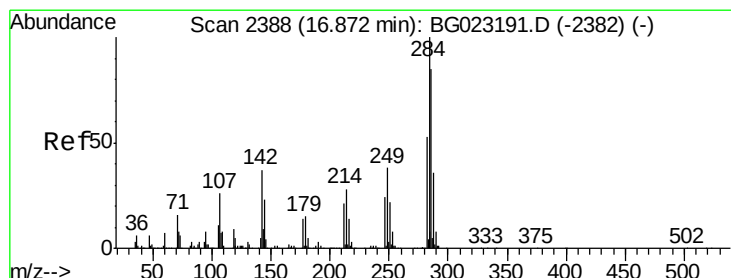
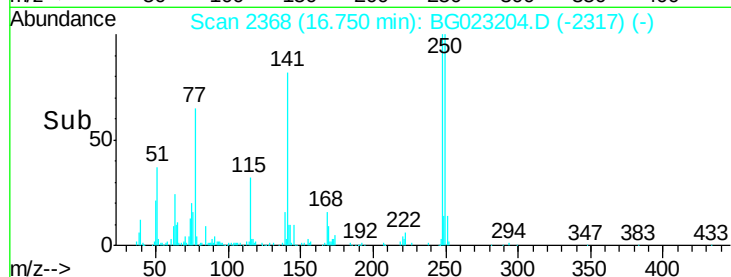
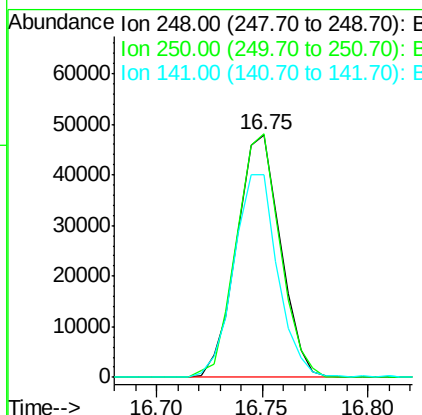
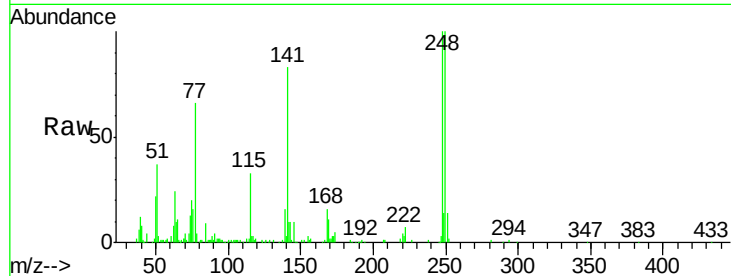




#65
4-Bromophenyl-phenylether
Concen: 3.78 ng/ul
RT: 16.75 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

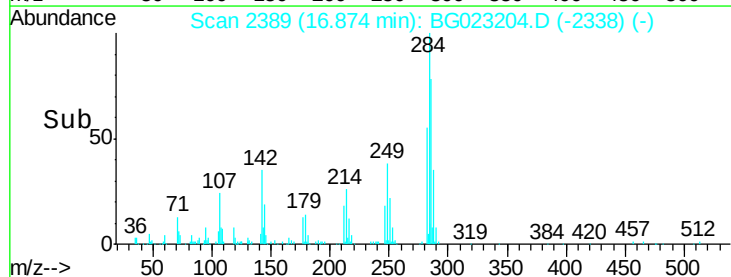
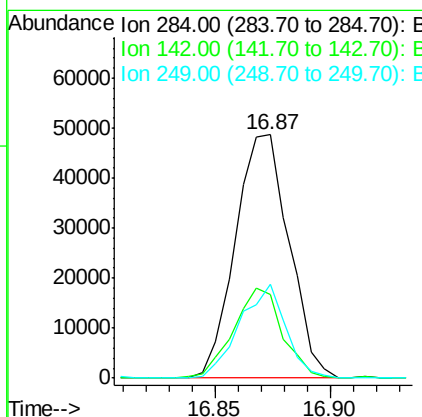
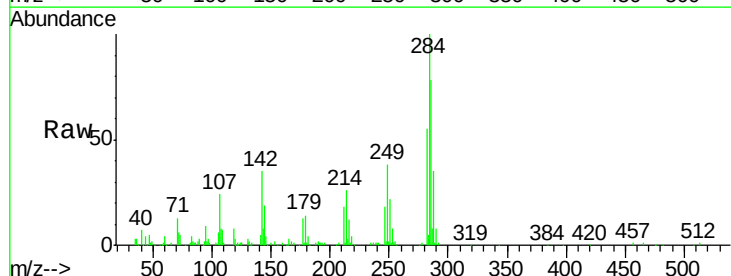
Instrument :
BNA_G
ClientSampleId :
MDL-05-W

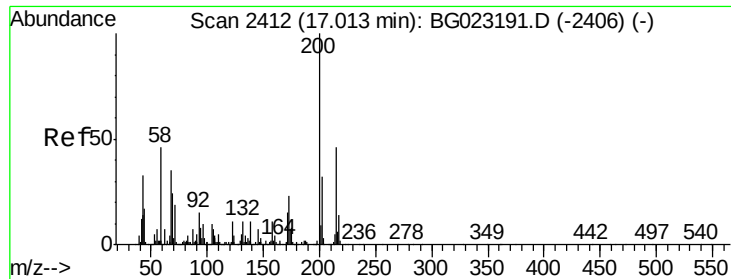
Tgt Ion:248 Resp: 69069
Ion Ratio Lower Upper
248 100
250 100.4 76.6 114.8
141 83.4 61.8 92.6



#66
Hexachlorobenzene
Concen: 4.21 ng/ul
RT: 16.87 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Tgt Ion:284 Resp: 78764
Ion Ratio Lower Upper
284 100
142 34.5 27.8 41.8
249 38.3 24.4 36.6#

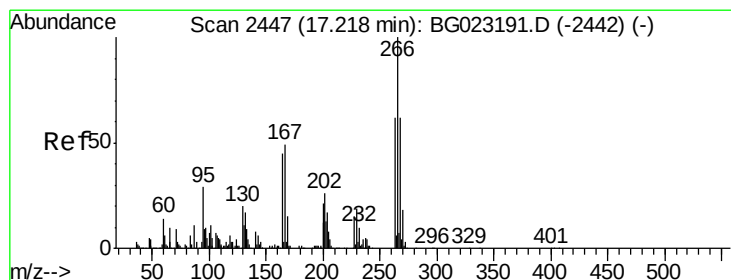
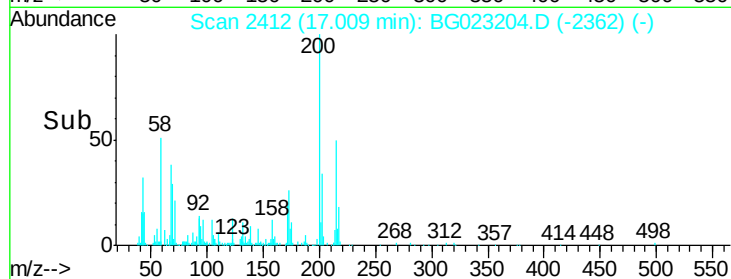
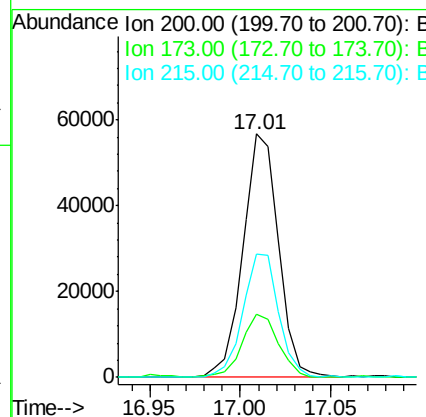
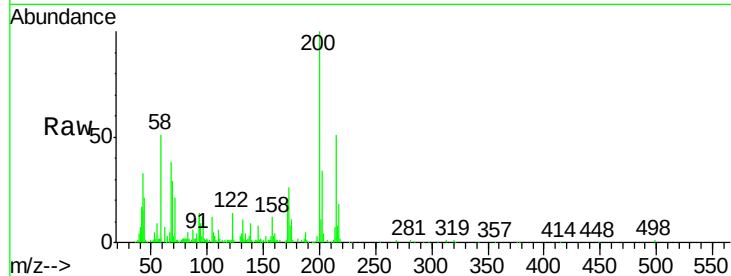




#67
Atrazine
Concen: 3.94 ng/ul
RT: 17.01 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

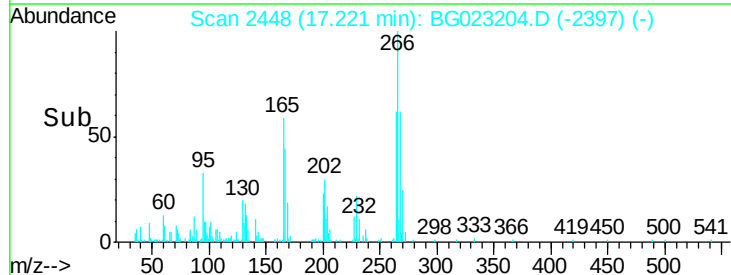
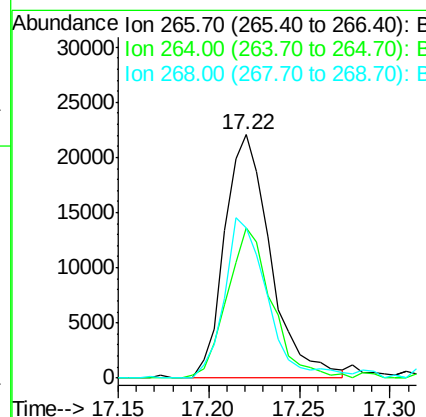
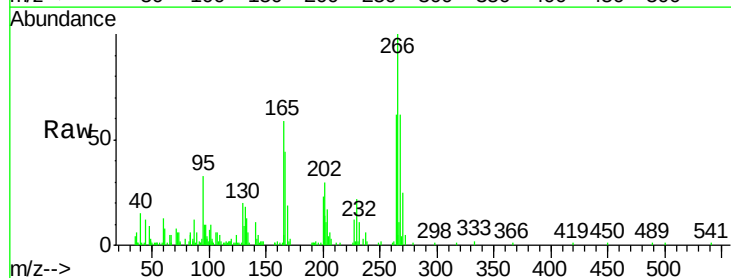
Instrument :
BNA_G
ClientSampleId :
MDL-05-W

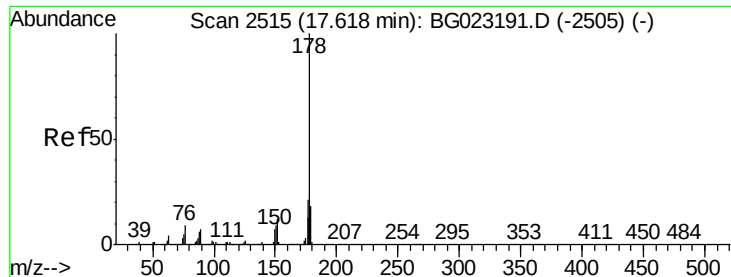
Tgt Ion:200 Resp: 77094
Ion Ratio Lower Upper
200 100
173 26.1 21.0 31.6
215 50.7 37.9 56.9



#68
Pentachlorophenol
Concen: 3.34 ng/ul
RT: 17.22 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Tgt Ion:266 Resp: 38711
Ion Ratio Lower Upper
266 100
264 61.7 54.7 82.1
268 61.9 57.8 86.8





#69

Phenanthrene

Concen: 4.63 ng/ul

RT: 17.71 min Scan# 2531

Delta R.T. 0.09 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

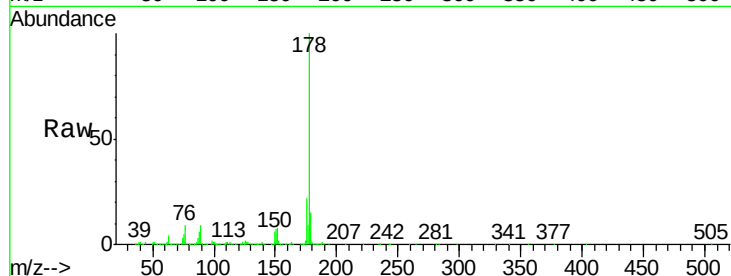
Tgt Ion:178 Resp: 377949

Ion Ratio Lower Upper

178 100

179 14.8 12.9 19.3

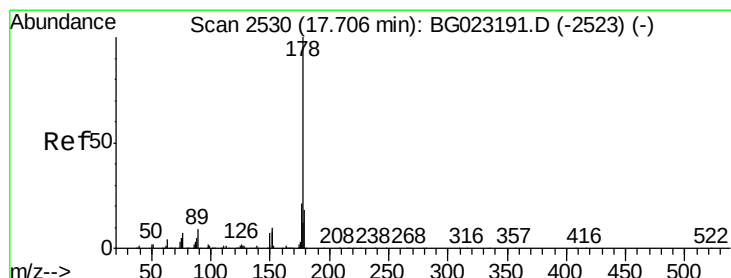
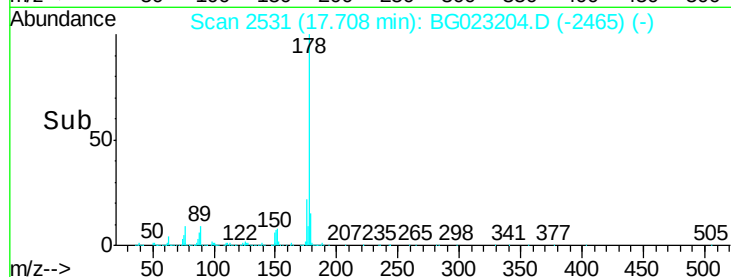
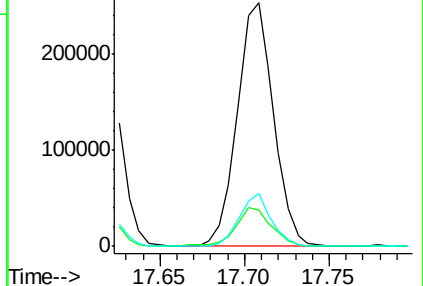
176 21.8 15.8 23.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 4.41 ng/ul

RT: 17.71 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

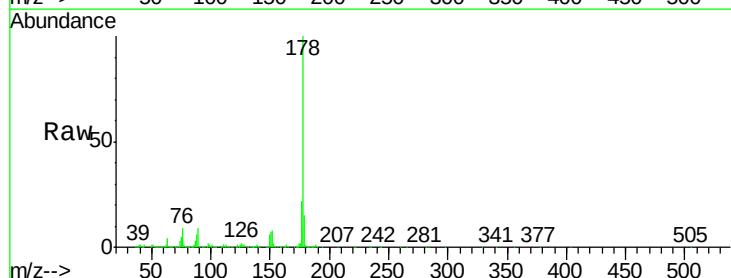
Tgt Ion:178 Resp: 377949

Ion Ratio Lower Upper

178 100

179 14.8 12.3 18.5

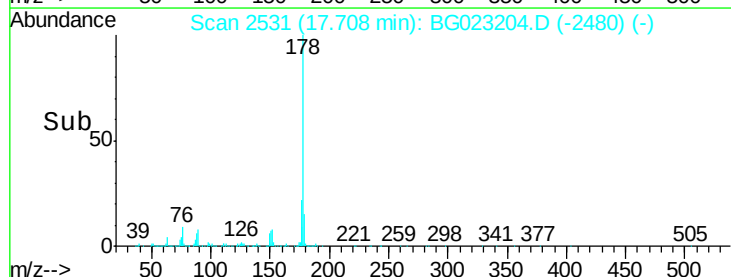
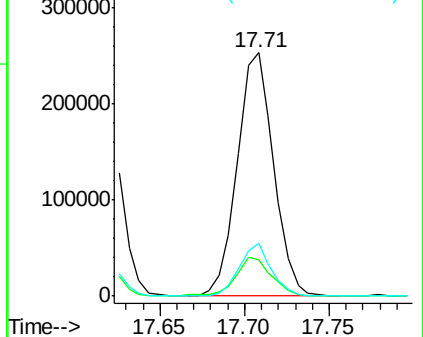
176 21.8 16.3 24.5

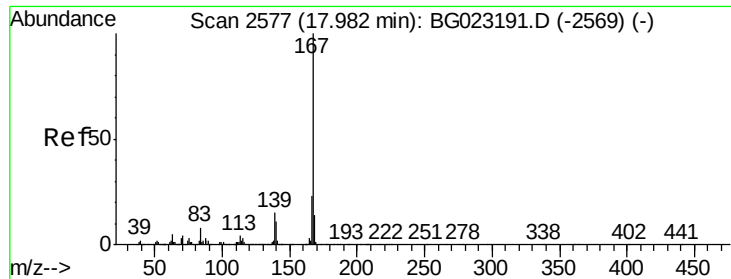


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 4.70 ng/ul

RT: 17.98 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

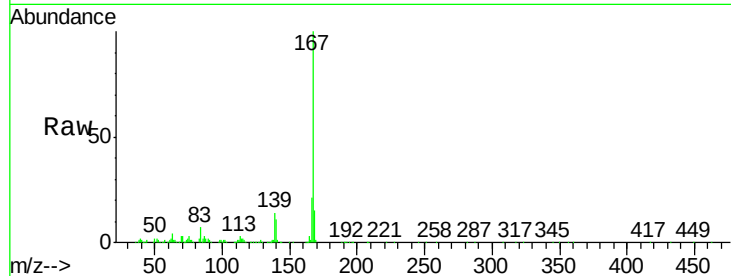
Tgt Ion:167 Resp: 316571

Ion Ratio Lower Upper

167 100

166 20.8 19.2 28.8

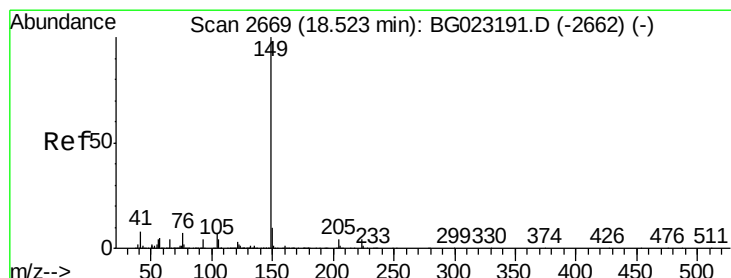
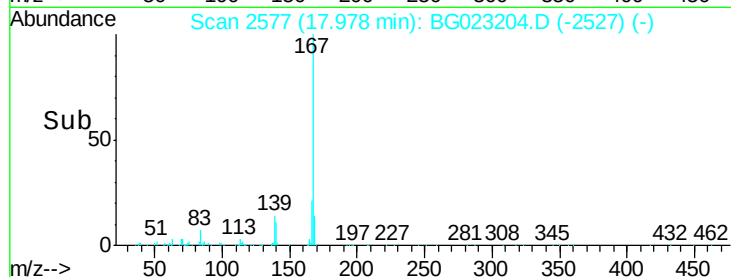
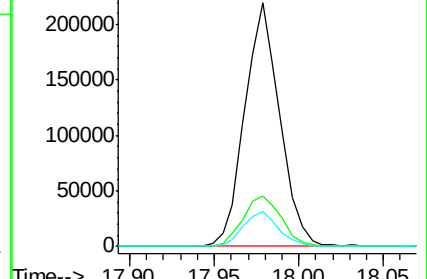
139 14.3 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 4.31 ng/ul

RT: 18.52 min Scan# 2669

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

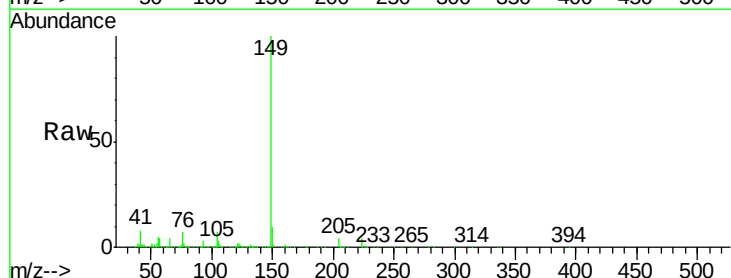
Tgt Ion:149 Resp: 402159

Ion Ratio Lower Upper

149 100

150 9.8 7.1 10.7

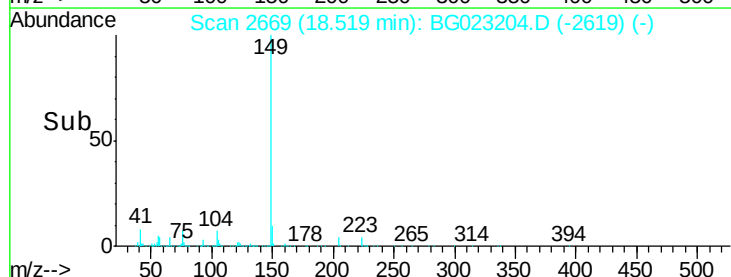
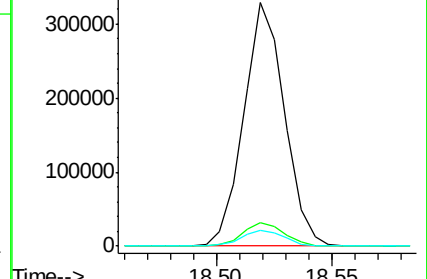
104 6.5 3.3 4.9#

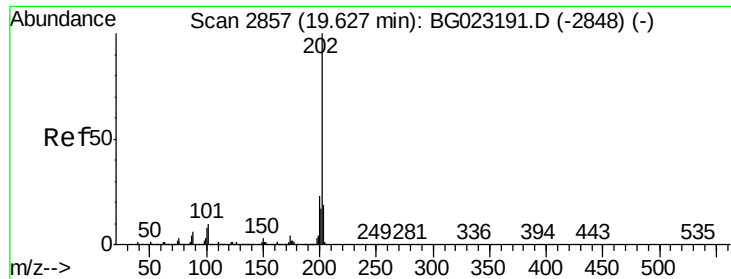


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.01 ng/ul

RT: 19.73 min Scan# 2875

Delta R.T. 0.10 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

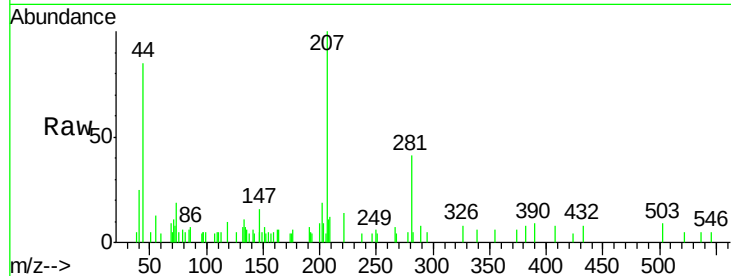
Tgt Ion:202 Resp: 477

Ion Ratio Lower Upper

202 100

101 0.0 10.6 16.0#

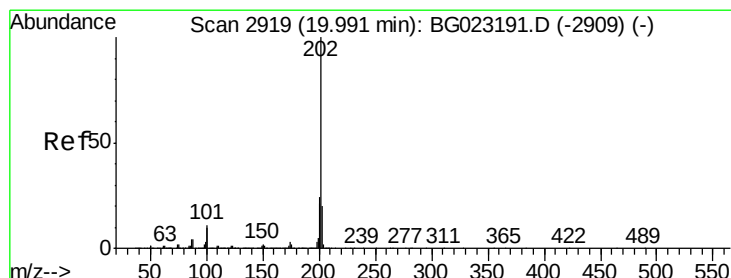
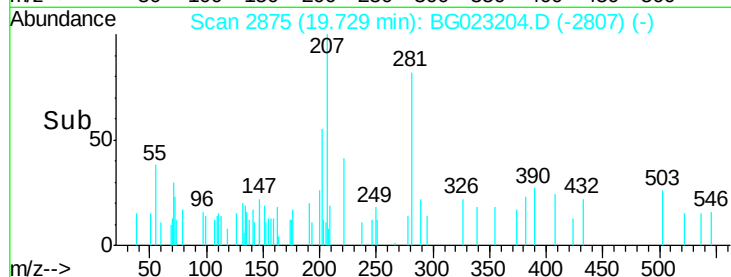
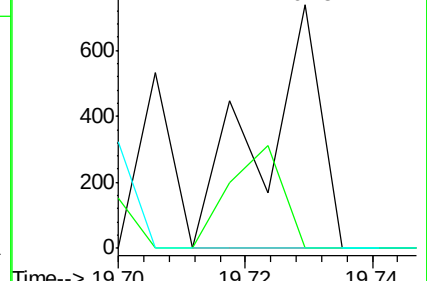
100 0.0 8.7 13.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 6.41 ng/ul

RT: 19.99 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

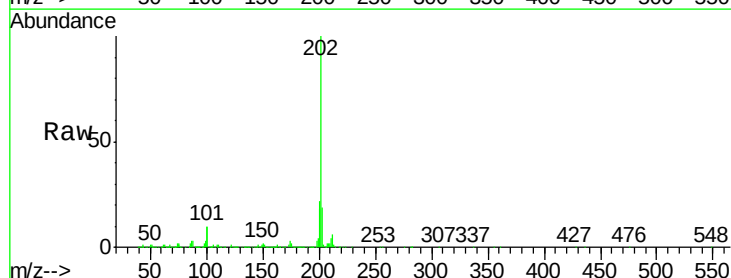
Tgt Ion:202 Resp: 461699

Ion Ratio Lower Upper

202 100

101 9.9 12.5 18.7#

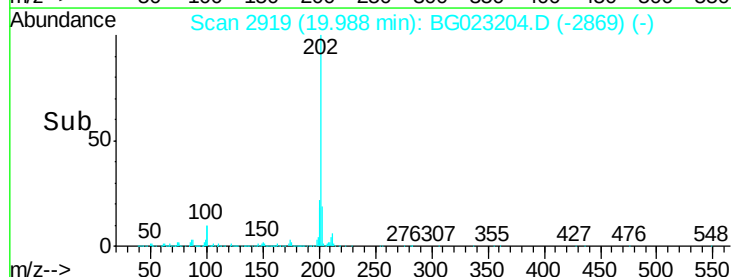
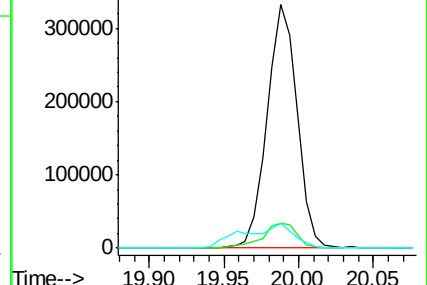
100 10.3 10.2 15.4

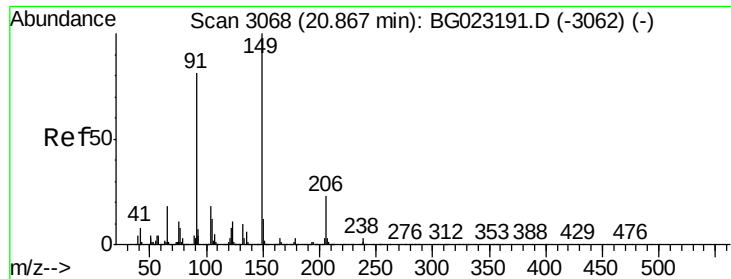


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

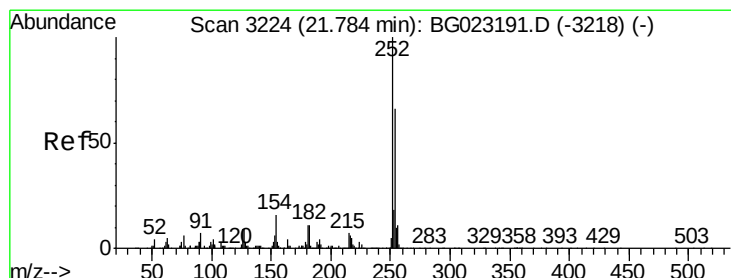
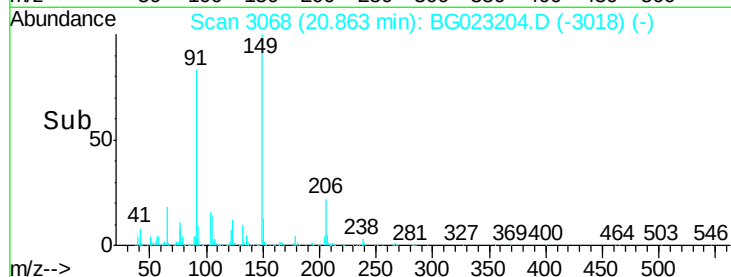
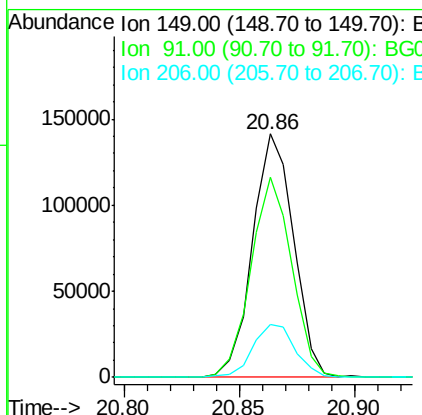
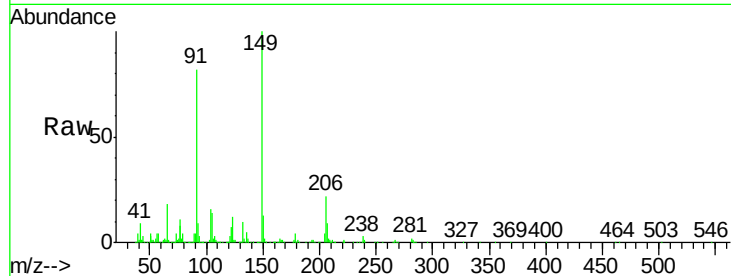




#78
Butylbenzylphthalate
Concen: 5.58 ng/ul
RT: 20.86 min Scan# 3068
Delta R.T. -0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

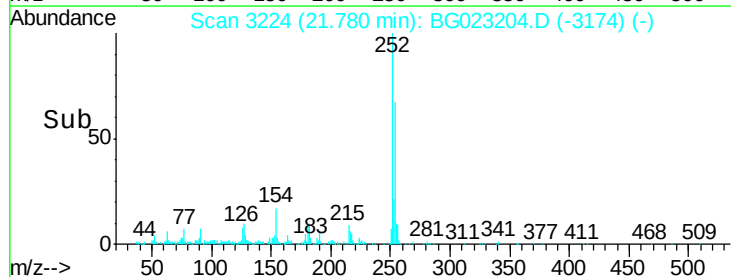
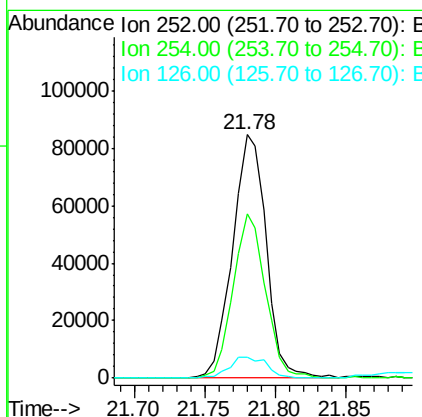
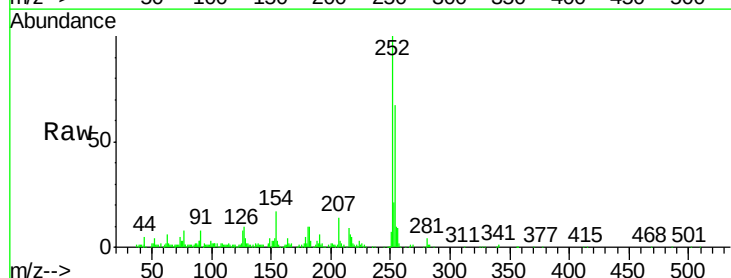
Instrument :
BNA_G
ClientSampleId :
MDL-05-W

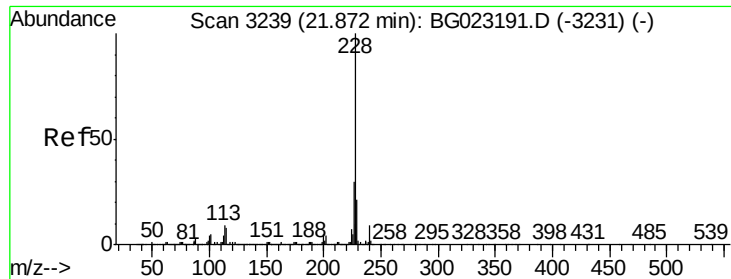
Tgt Ion:149 Resp: 174761
Ion Ratio Lower Upper
149 100
91 82.4 54.2 81.4#
206 21.8 14.1 21.1#



#79
3,3'-Dichlorobenzidine
Concen: 5.97 ng/ul
RT: 21.78 min Scan# 3224
Delta R.T. -0.00 min
Lab File: BG023204.D
Acq: 21 Jul 2016 1:55

Tgt Ion:252 Resp: 141149
Ion Ratio Lower Upper
252 100
254 67.4 51.4 77.2
126 8.4 10.7 16.1#





#80

Benzo(a)anthracene

Concen: 6.31 ng/ul

RT: 21.87 min Scan# 3239

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

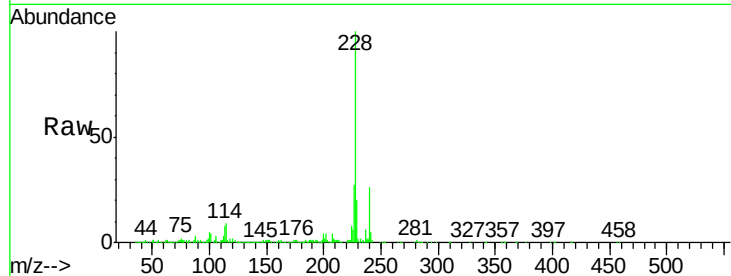
Tgt Ion:228 Resp: 444313

Ion Ratio Lower Upper

228 100

229 20.4 15.4 23.2

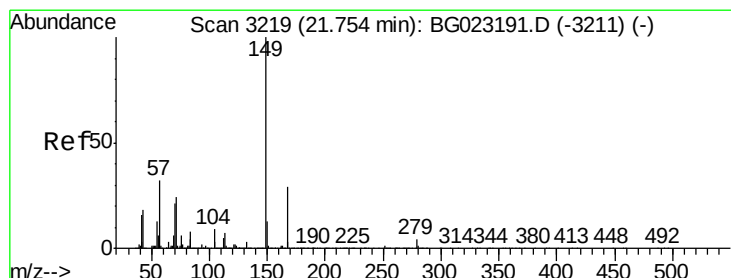
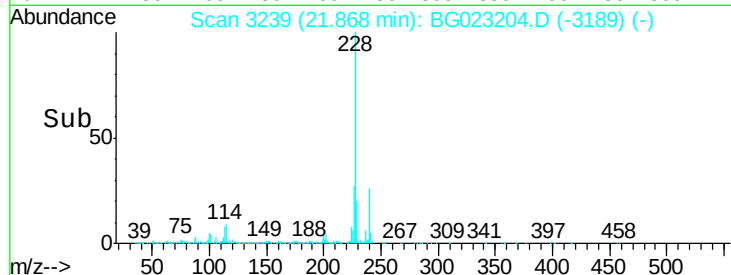
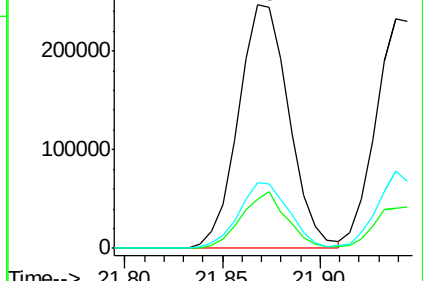
226 27.0 22.8 34.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 6.10 ng/ul

RT: 21.75 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

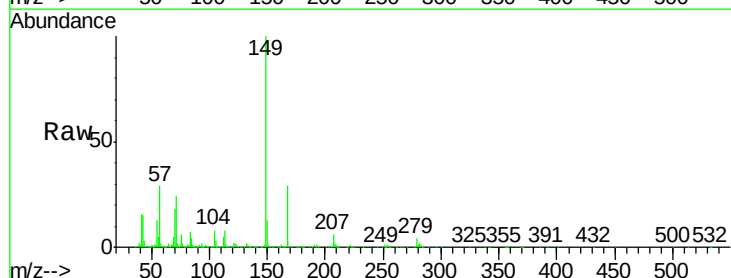
Tgt Ion:149 Resp: 260688

Ion Ratio Lower Upper

149 100

167 28.5 21.9 32.9

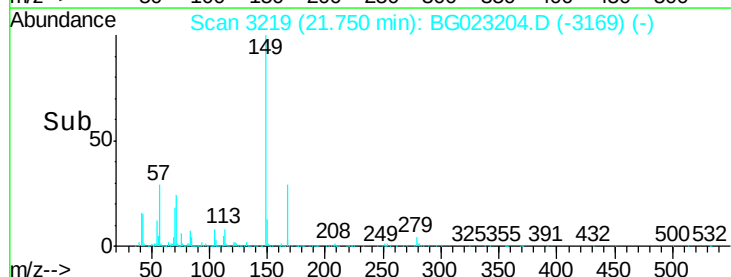
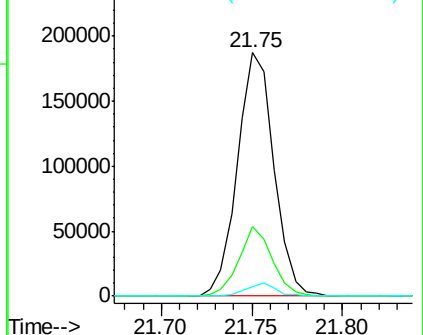
279 3.7 2.9 4.3

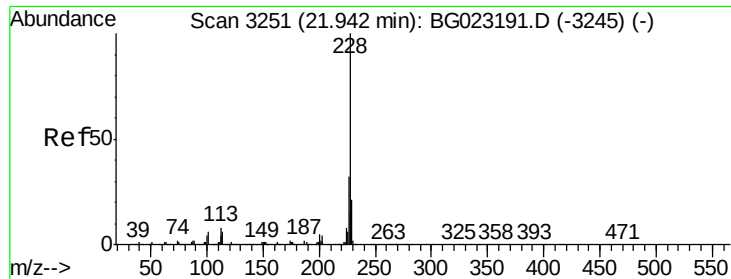


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 6.10 ng/ul

RT: 21.94 min Scan# 3251

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

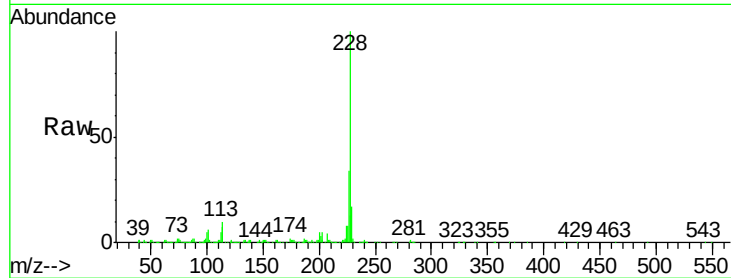
Tgt Ion:228 Resp: 389311

Ion Ratio Lower Upper

228 100

226 33.6 24.2 36.4

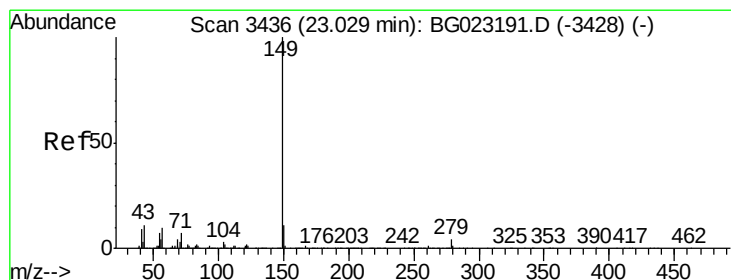
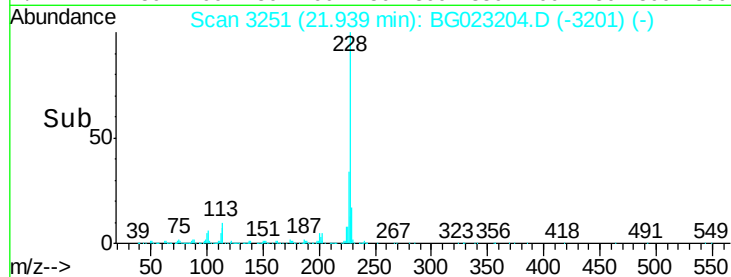
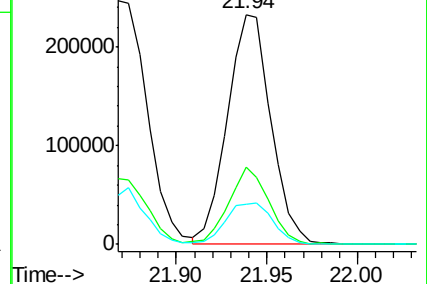
229 17.3 15.0 22.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 6.83 ng/ul

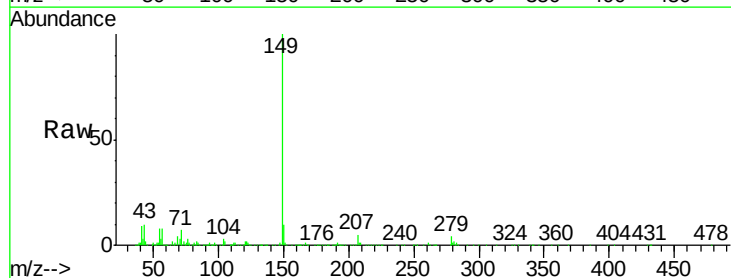
RT: 23.03 min Scan# 3437

Delta R.T. 0.00 min

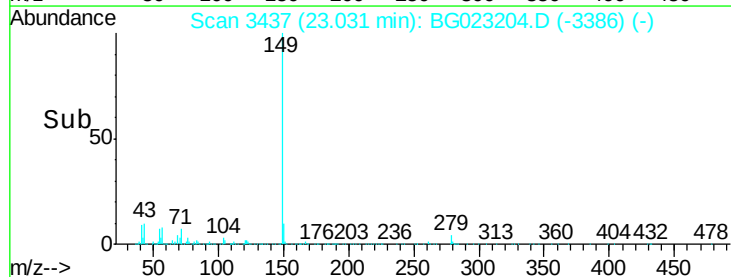
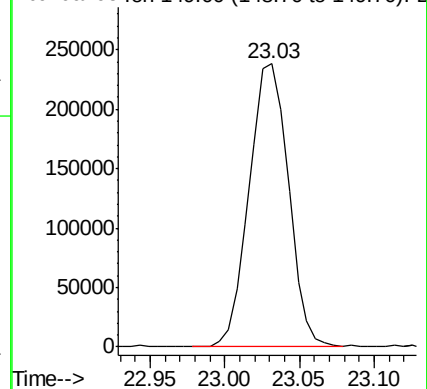
Lab File: BG023204.D

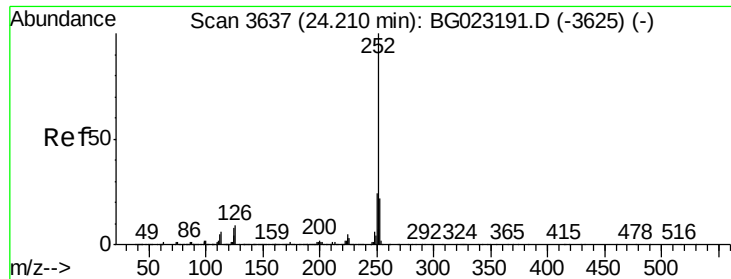
Acq: 21 Jul 2016 1:55

Tgt Ion:149 Resp: 433966



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 5.97 ng/ul

RT: 24.21 min Scan# 3637

Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

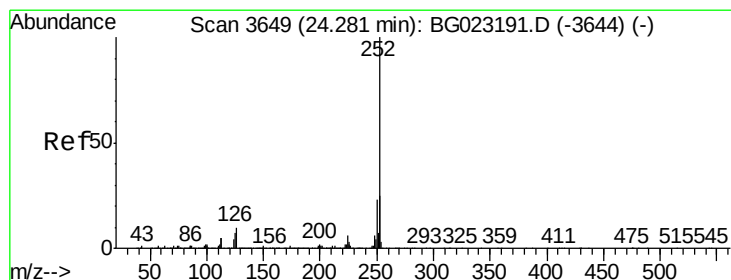
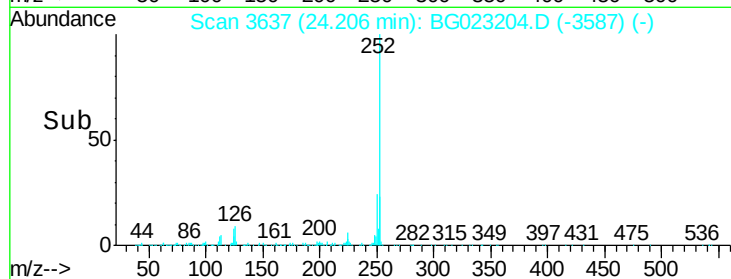
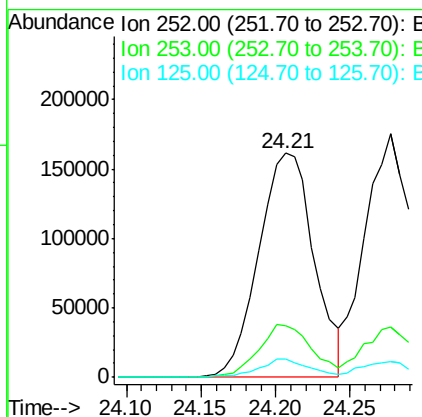
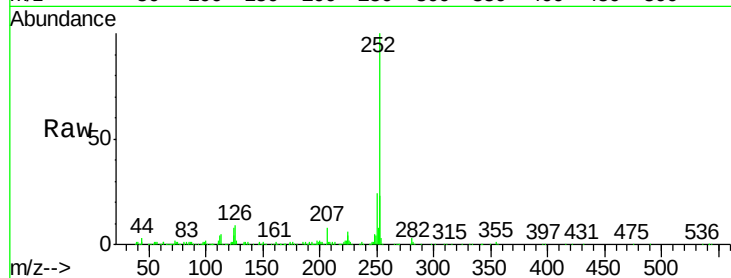
Instrument :

BNA_G

ClientSampleId :

MDL-05-W

Tgt Ion:	252	Resp:	416597
Ion Ratio		Lower	Upper
252	100		
253	22.9	18.2	27.2
125	8.3	10.8	16.2#



#86

Benzo(k)fluoranthene

Concen: 6.12 ng/ul

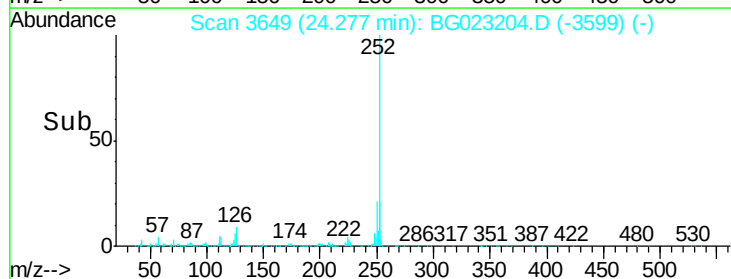
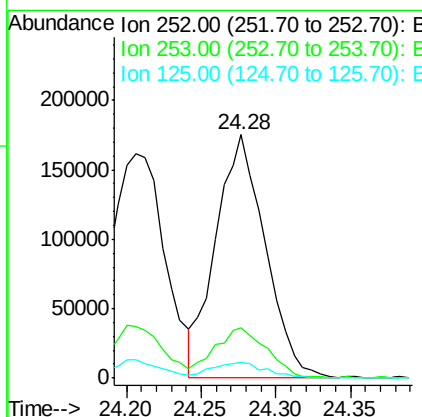
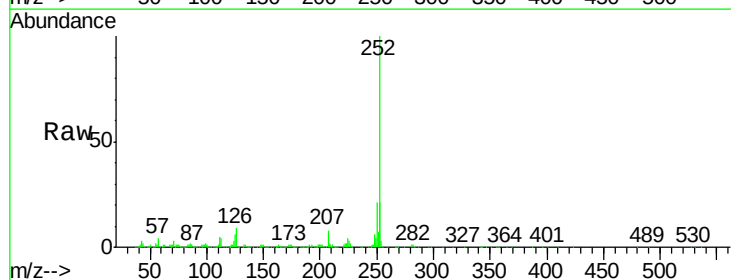
RT: 24.28 min Scan# 3649

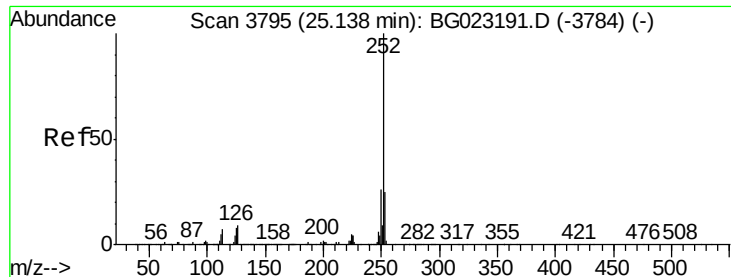
Delta R.T. -0.00 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Tgt Ion:	252	Resp:	404222
Ion Ratio		Lower	Upper
252	100		
253	20.5	15.8	23.6
125	6.4	10.6	16.0#





#88

Benzo(a)pyrene

Concen: 0.01 ng/ul

RT: 25.02 min Scan# 3775

Delta R.T. -0.12 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

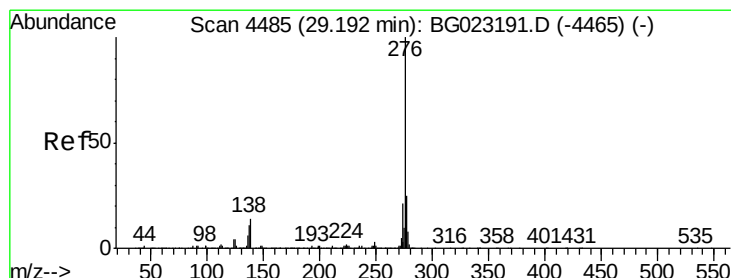
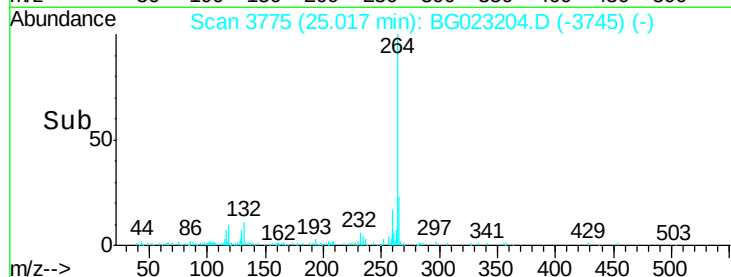
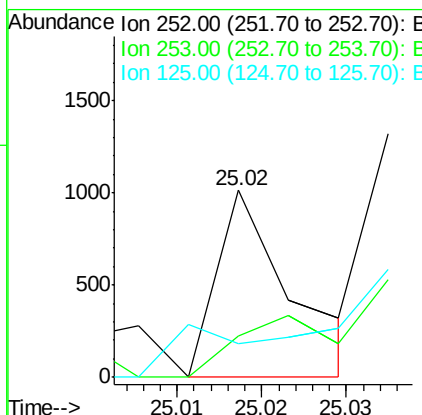
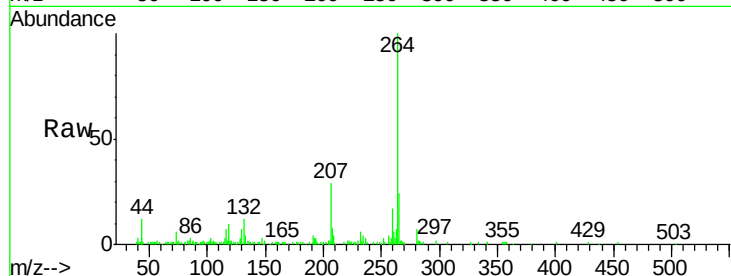
Instrument :

BNA_G

ClientSampleId :

MDL-05-W

Tgt Ion:	252	Resp:	617
Ion Ratio	Lower	Upper	
252	100		
253	21.8	19.0	28.4
125	17.9	12.0	18.0



#89

Indeno(1,2,3-cd)pyrene

Concen: 5.79 ng/ul

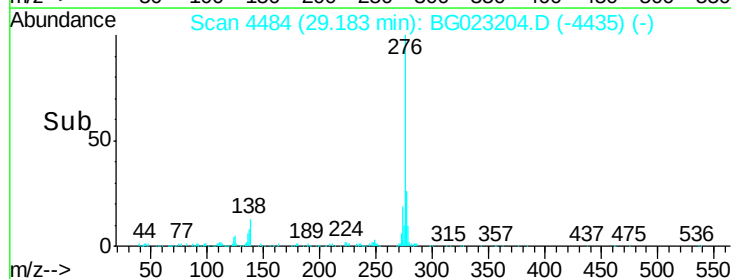
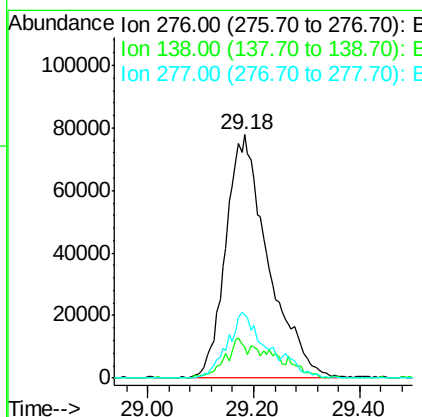
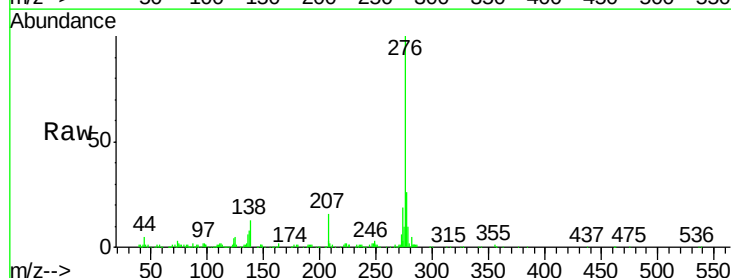
RT: 29.18 min Scan# 4484

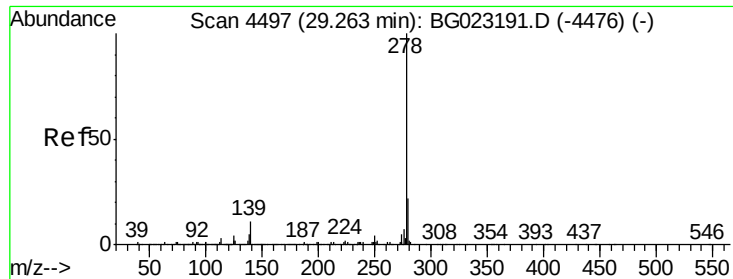
Delta R.T. -0.01 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Tgt Ion:	276	Resp:	433552
Ion Ratio	Lower	Upper	
276	100		
138	12.9	20.8	31.2#
277	26.0	17.6	26.4





#90

Dibenzo(a,h)anthracene

Concen: 0.01 ng/ul

RT: 29.35 min Scan# 4512

Delta R.T. 0.08 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Instrument :

BNA_G

ClientSampleId :

MDL-05-W

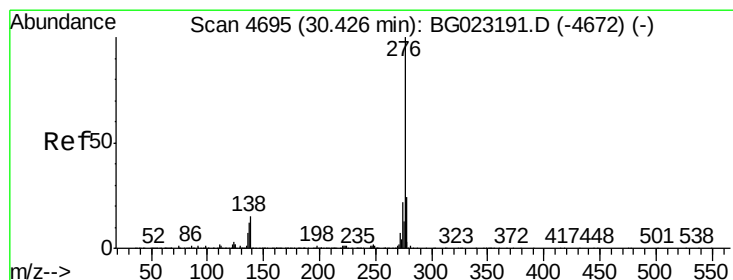
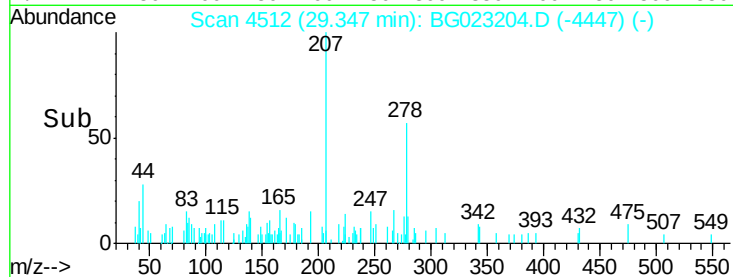
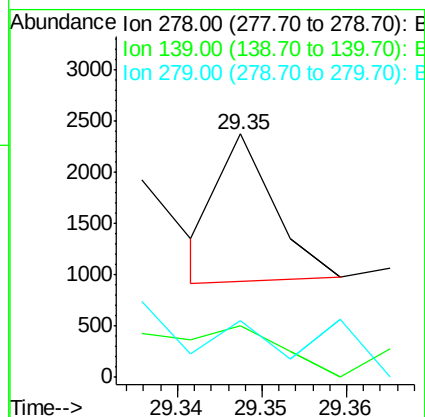
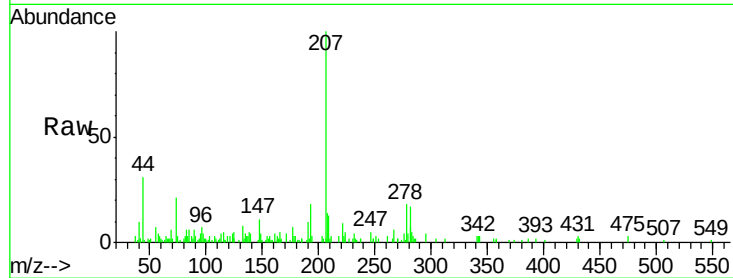
Tgt Ion:278 Resp: 658

Ion Ratio Lower Upper

278 100

139 21.1 16.3 24.5

279 23.4 19.1 28.7



#91

Benzo(g,h,i)perylene

Concen: 3.02 ng/ul

RT: 30.39 min Scan# 4690

Delta R.T. -0.03 min

Lab File: BG023204.D

Acq: 21 Jul 2016 1:55

Tgt Ion:276 Resp: 186463

Ion Ratio Lower Upper

276 100

138 17.1 22.1 33.1#

277 22.8 17.0 25.4

