

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
 Data File : BG023205.D
 Acq On : 21 Jul 2016 2:35
 Operator : UM/SJ
 Sample : MDL-06-W
 Misc : MDL 8PPM
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-W

Quant Time: Jul 21 04:32:04 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	153823	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	725629	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	553153	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1394749	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1485650	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1493979	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	9760	2.87	ng/uL	0.00
5) Phenol-d5	7.37	99	538	0.03	ng/ul	0.08
7) Bis-(2-Chloroethyl)ether-d	7.45	67	301315	28.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	283909	26.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	336186	27.24	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	166300	28.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	192356	28.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	333618	26.18	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	483565	36.65	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1331581	28.96	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1462518	27.98	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	239728	29.54	ng/ul	0.00
57) Fluorene-d10	15.81	176	1200810	28.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.93	200	266126	27.73	ng/ul	0.00
70) Anthracene-d10	17.67	188	1864264	28.55	ng/ul	0.00
76) Pyrene-d10	19.96	212	2160961	28.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	2015555	28.74	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.54	88	3178	0.87 ng/uL#	68
4) Benzaldehyde	7.27	77	53111	5.39 ng/ul	88
6) Phenol	7.32	94	66981	4.06 ng/ul#	67
8) Bis(2-Chloroethyl)ether	7.55	93	55143	4.44 ng/ul#	84
10) 2-Chlorophenol	7.69	128	41340	3.78 ng/ul#	84
11) 2-Methylphenol	8.58	108	49382	4.05 ng/ul	84
12) 2,2'-oxybis(1-Chloropropan	8.68	45	75406	4.49 ng/ul	95
14) Acetophenone	8.96	105	98931	4.61 ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.95	70	61694	4.35 ng/ul#	83
16) 4-Methylphenol	8.92	108	56949	4.20 ng/ul	96
17) Hexachloroethane	9.23	117	21795	4.21 ng/ul#	84
20) Nitrobenzene	9.36	77	83293	4.44 ng/ul#	81
21) Isophorone	9.88	82	163812	4.58 ng/ul#	92
23) 2-Nitrophenol	10.08	139	31309	4.33 ng/ul#	50
24) 2,4-Dimethylphenol	10.13	107	70529	4.25 ng/ul#	86
25) Bis(2-Chloroethoxy)methane	10.37	93	87514	4.43 ng/ul#	93
27) 2,4-Dichlorophenol	10.62	162	55488	4.40 ng/ul#	87
28) Naphthalene	11.03	128	162743	4.46 ng/ul	96
30) 4-Chloroaniline	11.14	127	68968	5.06 ng/ul	99
31) Hexachlorobutadiene	11.30	225	43861	4.33 ng/ul	91
32) Caprolactam	11.91	113	7853	1.50 ng/ul#	71
33) 4-Chloro-3-methylphenol	12.25	107	68911	4.16 ng/ul	86
34) 2-Methylnaphthalene	12.64	142	135397	4.49 ng/ul	90

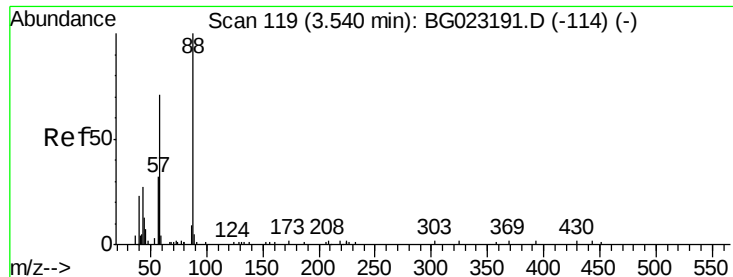
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	79541	4.31	ng/ul#	94
37) Hexachlorocyclopentadiene	12.97	237	45666	3.80	ng/ul	96
38) 2,4,6-Trichlorophenol	13.24	196	50782	3.97	ng/ul	92
39) 2,4,5-Trichlorophenol	13.32	196	54614	4.19	ng/ul	90
40) 1,1'-Biphenyl	13.63	154	188724	4.55	ng/ul	93
41) 2-Chloronaphthalene	13.68	162	150697	4.51	ng/ul	96
42) 2-Nitroaniline	13.89	65	63283	4.25	ng/ul#	65
44) Dimethylphthalate	14.25	163	222621	4.78	ng/ul#	94
45) 2,6-Dinitrotoluene	14.37	165	46271	4.58	ng/ul	91
47) Acenaphthylene	14.53	152	243662	4.60	ng/ul	97
48) 3-Nitroaniline	14.72	138	41310	4.78	ng/ul#	40
49) Acenaphthene	14.87	153	160570	4.49	ng/ul	97
50) 2,4-Dinitrophenol	14.92	184	19229	3.03	ng/ul#	77
52) 4-Nitrophenol	15.03	109	43962	4.55	ng/ul#	68
53) Dibenzofuran	15.21	168	251892	4.77	ng/ul	90
54) 2,4-Dinitrotoluene	15.17	165	67052	4.35	ng/ul#	69
55) 2,3,4,6-Tetrachlorophenol	15.44	232	55934	4.25	ng/ul	93
56) Diethylphthalate	15.61	149	237252	4.79	ng/ul	99
58) Fluorene	15.86	166	200985	4.62	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.85	204	107270	4.50	ng/ul	97
60) 4-Nitroaniline	15.88	138	51426	4.84	ng/ul#	53
63) 4,6-Dinitro-2-methylphenol	15.94	198	45267	4.46	ng/ul#	73
64) N-Nitrosodiphenylamine	16.06	169	186099	4.62	ng/ul	91
65) 4-Bromophenyl-phenylether	16.75	248	72610	4.52	ng/ul	95
66) Hexachlorobenzene	16.87	284	73319	4.46	ng/ul	95
67) Atrazine	17.01	200	83412	4.85	ng/ul	95
68) Pentachlorophenol	17.22	266	37352	3.66	ng/ul	96
69) Phenanthrene	17.61	178	359203	5.00	ng/ul	98
71) Anthracene	17.71	178	378759	5.03	ng/ul	97
72) Carbazole	17.98	167	321005	5.42	ng/ul	99
73) Di-n-butylphthalate	18.52	149	405256	4.93	ng/ul#	97
74) Fluoranthene	19.63	202	447498	5.93	ng/ul#	89
77) Pyrene	19.99	202	476316	5.27	ng/ul#	88
78) Butylbenzylphthalate	20.87	149	185582	4.73	ng/ul#	91
79) 3,3'-Dichlorobenzidine	21.78	252	145008	4.89	ng/ul#	91
80) Benzo(a)anthracene	21.87	228	433150	4.91	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.75	149	251152	4.69	ng/ul	97
82) Chrysene	21.94	228	401408	5.02	ng/ul	98
84) Di-n-octyl phthalate	23.03	149	441496	5.33	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	426752	4.70	ng/ul#	90
86) Benzo(k)fluoranthene	24.28	252	398947	4.63	ng/ul#	89
88) Benzo(a)pyrene	25.13	252	410278	4.74	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.17	276	441888	4.53	ng/ul#	85
90) Dibenzo(a,h)anthracene	29.25	278	362724	4.52	ng/ul#	89
91) Benzo(g,h,i)perylene	30.40	276	364410	4.52	ng/ul#	86

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



#2

1,4-Dioxane

Concen: 0.87 ng/uL

RT: 3.54 min Scan# 119

Delta R.T. -0.00 min

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Instrument :

BNA_G

ClientSampled :

MDL-06-W

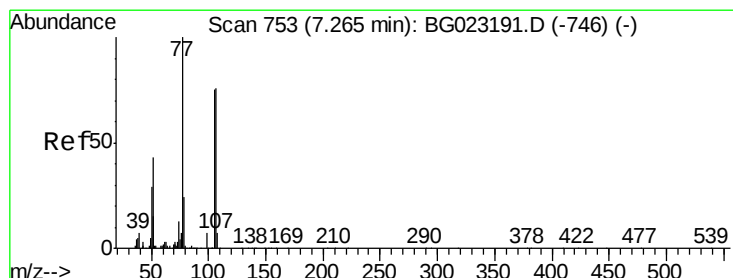
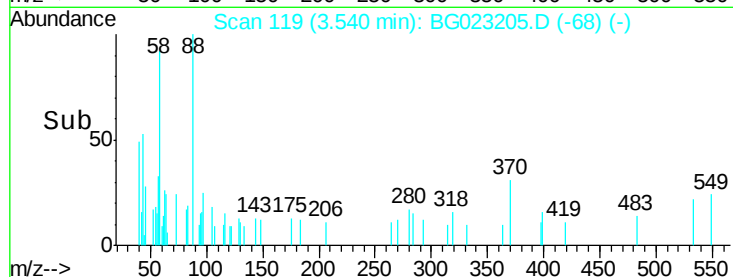
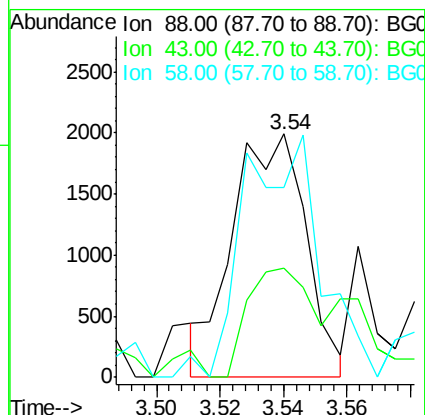
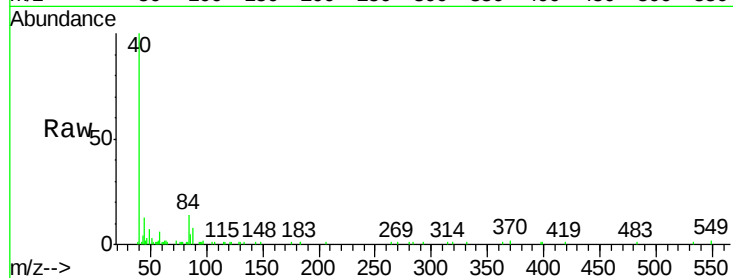
Tgt Ion: 88 Resp: 3178

Ion Ratio Lower Upper

88 100

43 44.9 16.6 24.8#

58 78.1 47.2 70.8#



#4

Benzaldehyde

Concen: 5.39 ng/uL

RT: 7.27 min Scan# 753

Delta R.T. -0.00 min

Lab File: BG023205.D

Acq: 21 Jul 2016 2:35

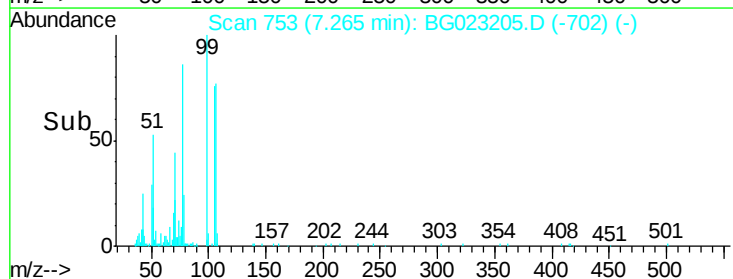
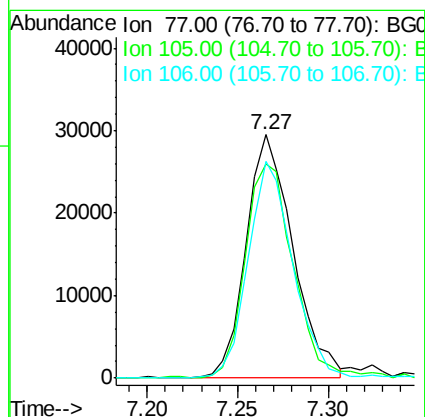
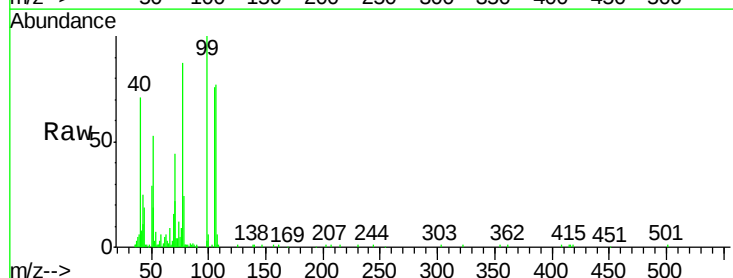
Tgt Ion: 77 Resp: 53111

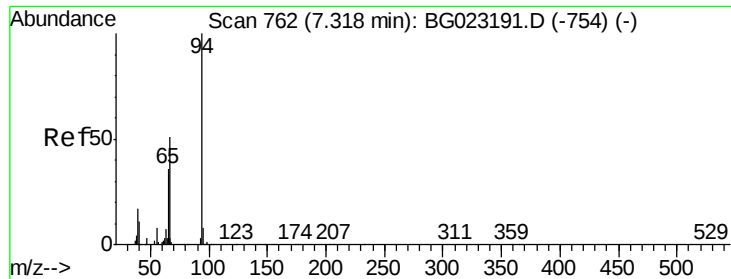
Ion Ratio Lower Upper

77 100

105 88.0 83.8 125.8

106 89.2 77.9 116.9





#6

Phenol

Concen: 4.06 ng/ul

RT: 7.32 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG023205.D

Acq: 21 Jul 2016 2:35

Instrument :

BNA_G

ClientSampleId :

MDL-06-W

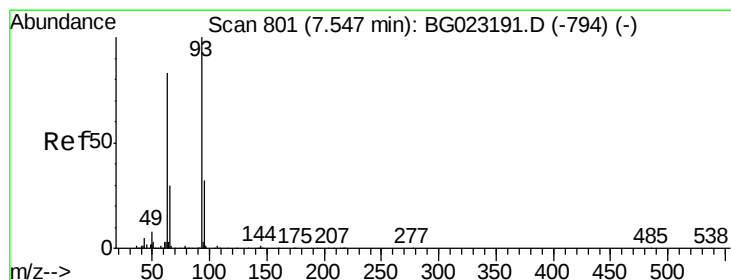
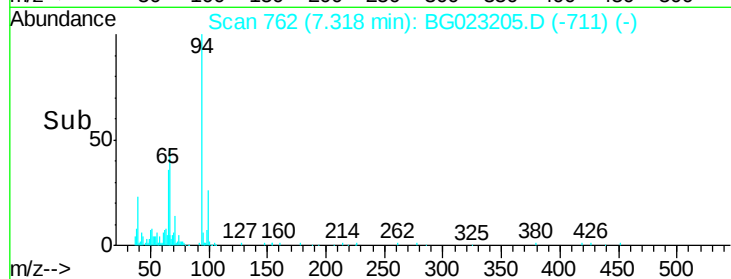
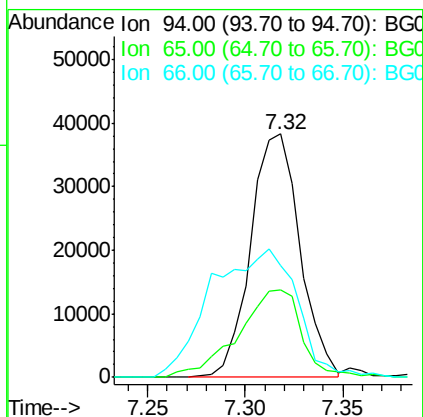
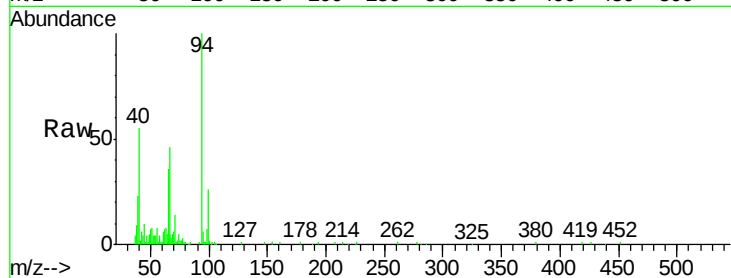
Tgt Ion: 94 Resp: 66981

Ion Ratio Lower Upper

94 100

65 36.1 16.8 25.2#

66 46.0 22.6 33.8#



#8

Bis(2-Chloroethyl)ether

Concen: 4.44 ng/ul

RT: 7.55 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG023205.D

Acq: 21 Jul 2016 2:35

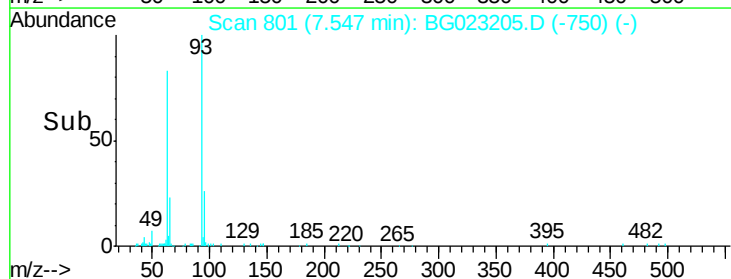
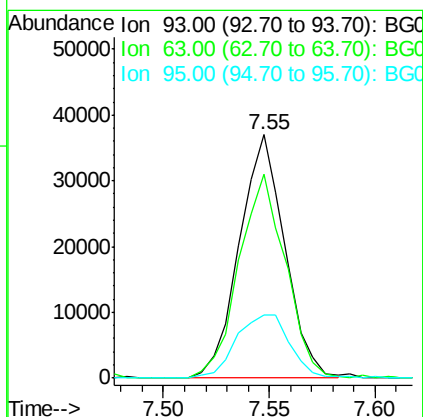
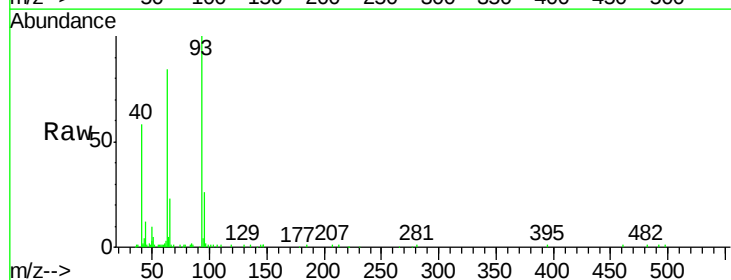
Tgt Ion: 93 Resp: 55143

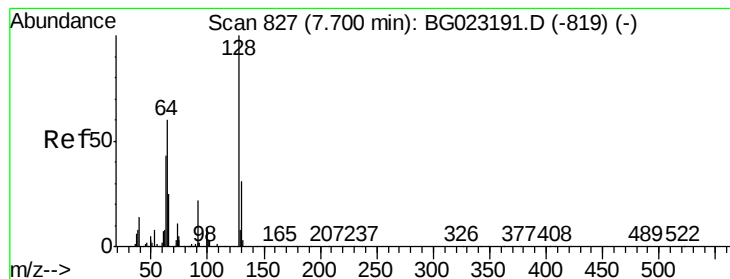
Ion Ratio Lower Upper

93 100

63 83.7 56.0 84.0

95 25.9 27.7 41.5#





#10

2-Chlorophenol

Concen: 3.78 ng/ul

RT: 7.69 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG023205.D

Acq: 21 Jul 2016 2:35

Instrument :

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ClientSampleId :

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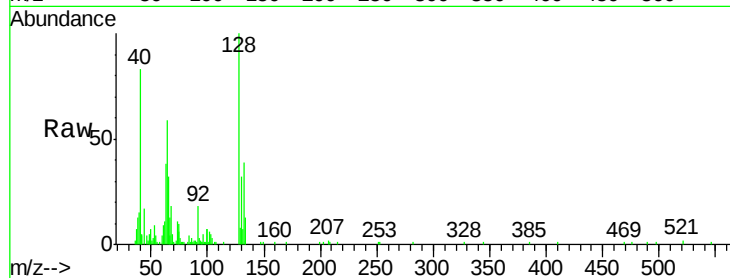
Tgt Ion:128 Resp: 41340

Ion Ratio Lower Upper

128 100

64 59.4 34.2 51.4#

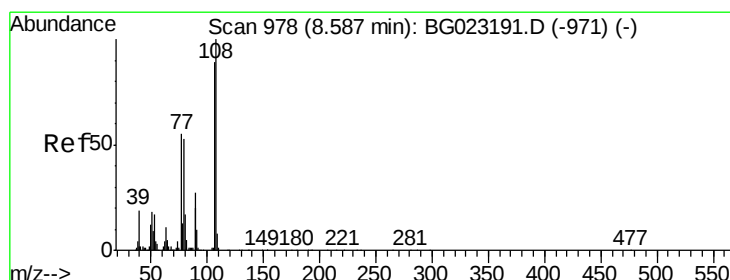
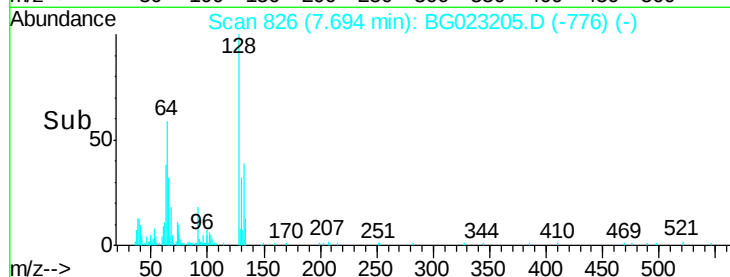
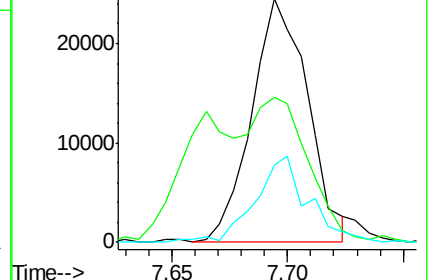
130 31.7 27.0 40.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 4.05 ng/ul

RT: 8.58 min Scan# 977

Delta R.T. -0.01 min

Lab File: BG023205.D

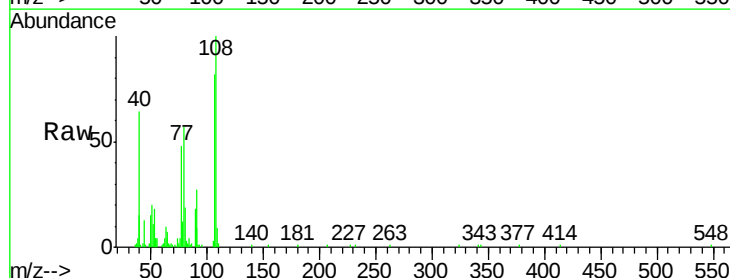
Acq: 21 Jul 2016 2:35

Tgt Ion:108 Resp: 49382

Ion Ratio Lower Upper

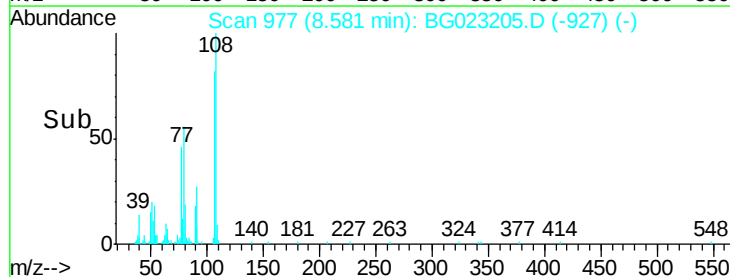
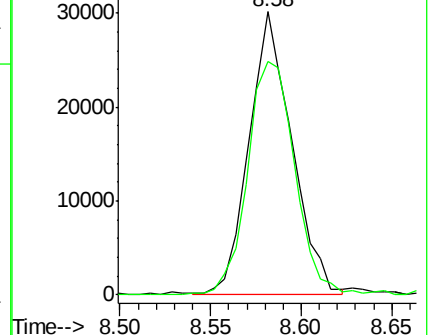
108 100

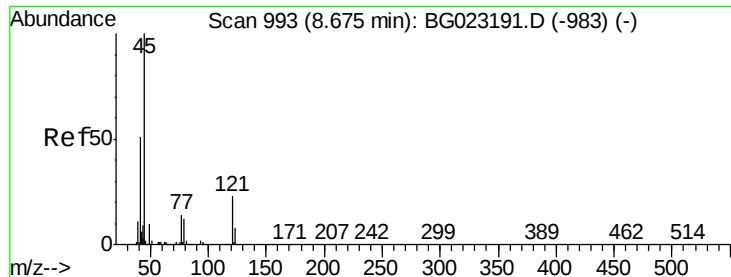
107 82.4 78.6 117.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

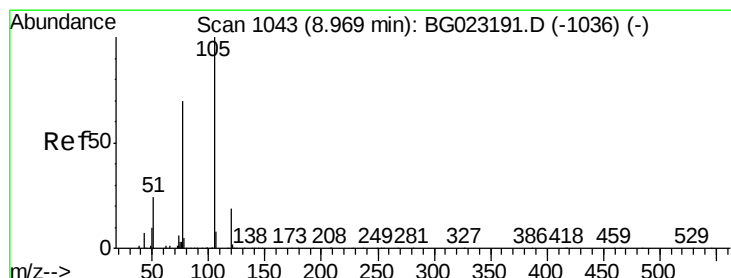
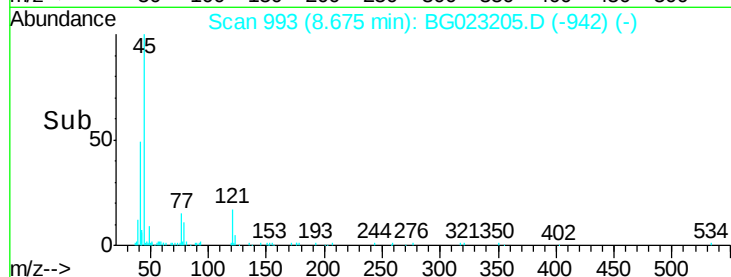
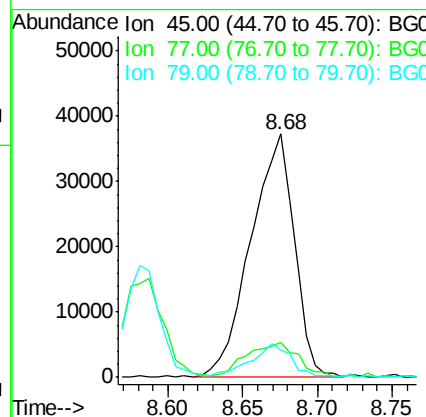
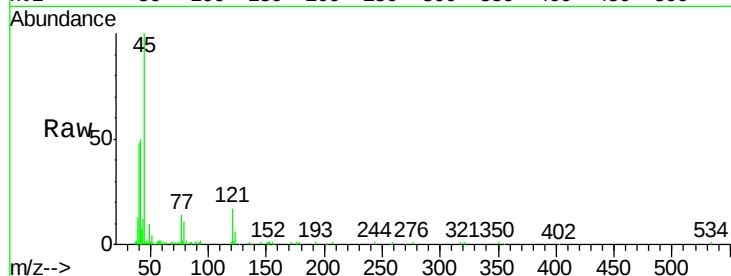




#12
 2,2'-oxybis(1-chloropropane)
 Concen: 4.49 ng/ul
 RT: 8.68 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BG023205.D
 Acq: 21 Jul 2016 2:35

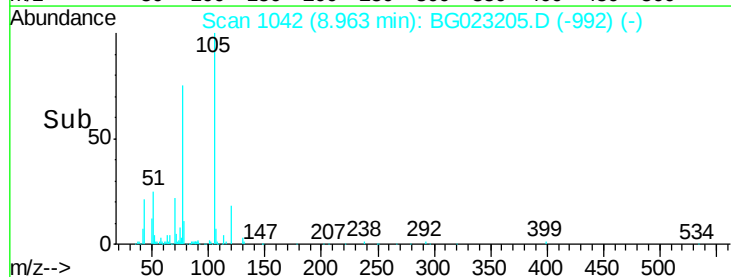
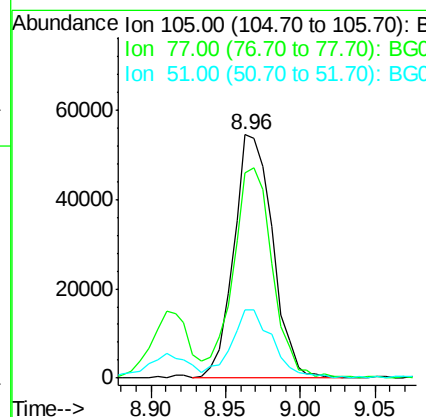
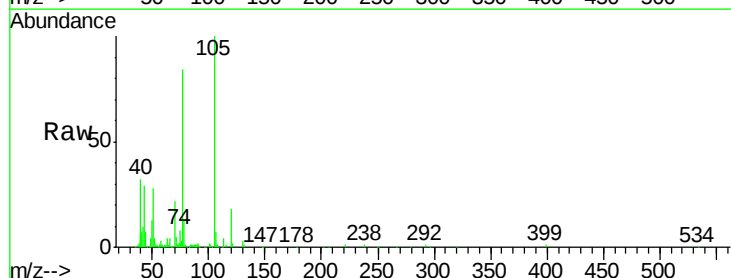
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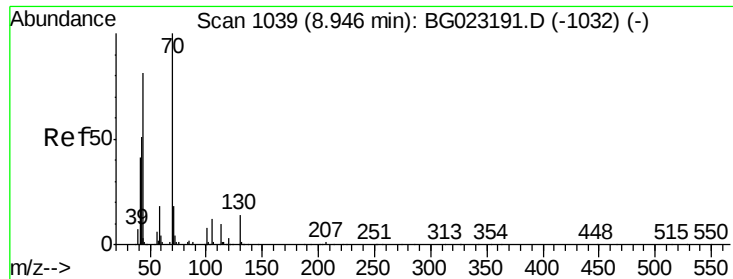
Tgt Ion: 45 Resp: 75406
 Ion Ratio Lower Upper
 45 100
 77 14.5 13.4 20.2
 79 11.0 10.2 15.4



#14
 Acetophenone
 Concen: 4.61 ng/ul
 RT: 8.96 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG023205.D
 Acq: 21 Jul 2016 2:35

Tgt Ion: 105 Resp: 98931
 Ion Ratio Lower Upper
 105 100
 77 84.1 56.1 84.1
 51 28.0 14.6 22.0#

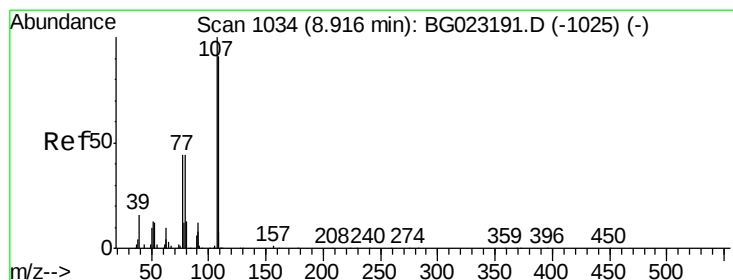
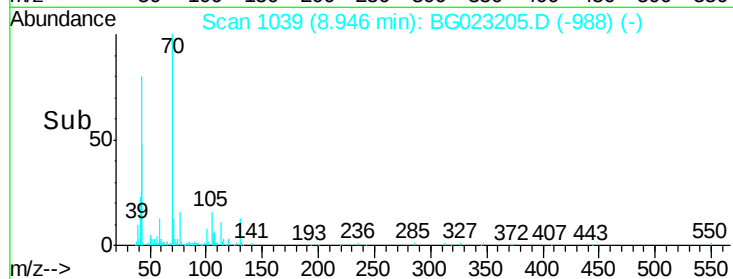
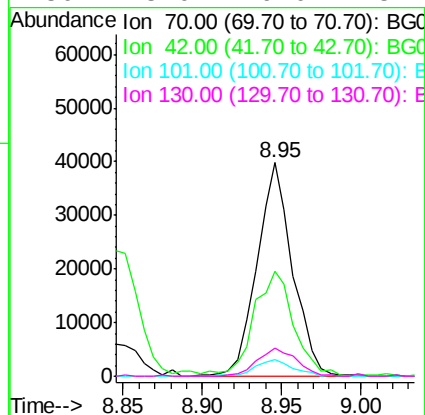
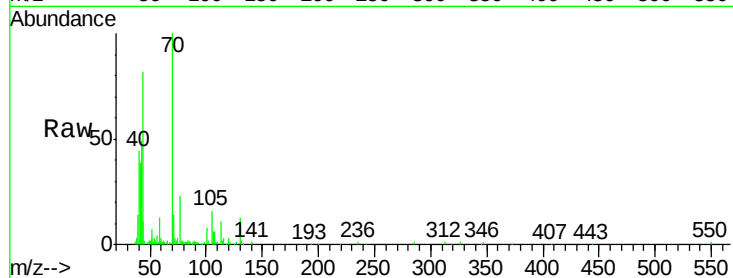




#15
N-Nitroso-di-n-propylamine
Concen: 4.35 ng/ul
RT: 8.95 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG023205.D
Acq: 21 Jul 2016 2:35

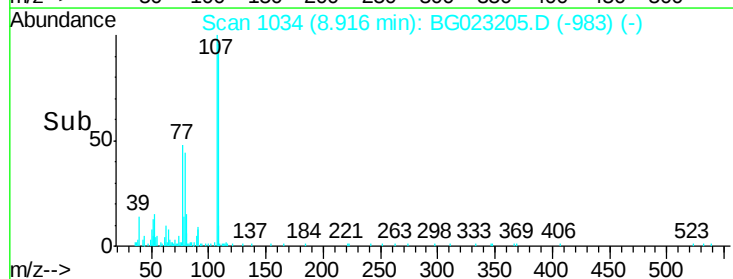
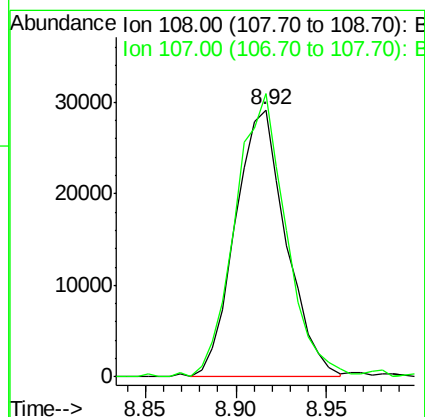
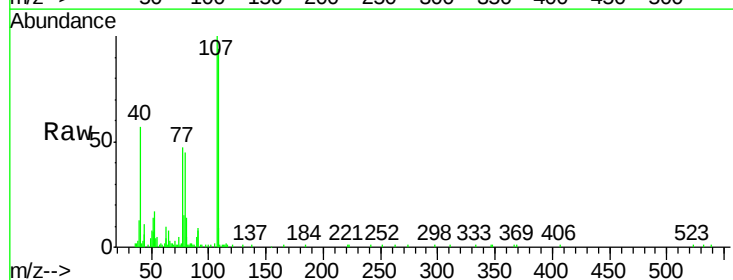
Instrument :
BNA_G
ClientSampleId :
MDL-06-W

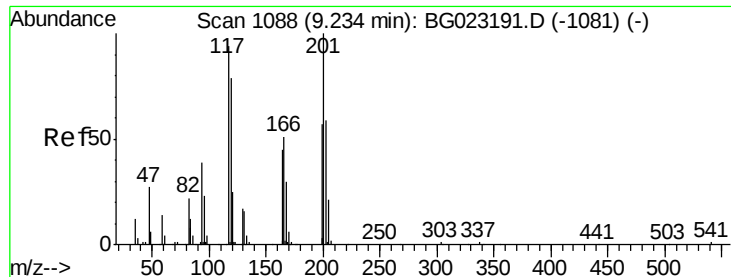
Tgt Ion:	70	Resp:	61694
Ion	Ratio	Lower	Upper
70	100		
42	49.1	31.4	47.2#
101	7.6	8.6	13.0#
130	13.0	19.0	28.4#



#16
4-Methylphenol
Concen: 4.20 ng/ul
RT: 8.92 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG023205.D
Acq: 21 Jul 2016 2:35

Tgt Ion:	108	Resp:	56949
Ion	Ratio	Lower	Upper
108	100		
107	106.0	88.3	132.5





#17

Hexachloroethane

Concen: 4.21 ng/ul

RT: 9.23 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BG023205.D

Acq: 21 Jul 2016 2:35

Instrument :

BNA_G

ClientSampleId :

MDL-06-W

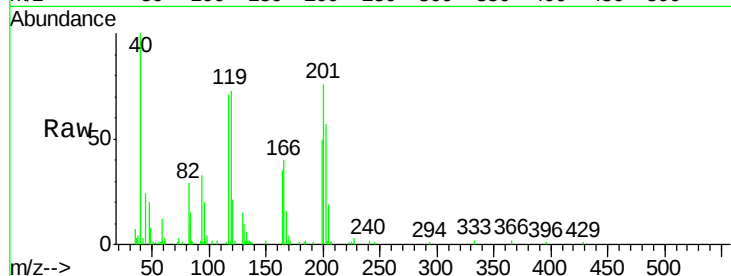
Tgt Ion:117 Resp: 21795

Ion Ratio Lower Upper

117 100

201 107.6 76.8 115.2

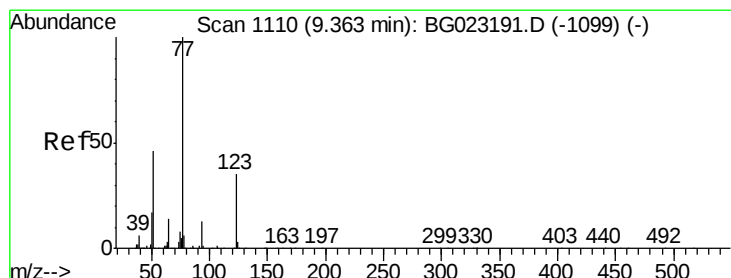
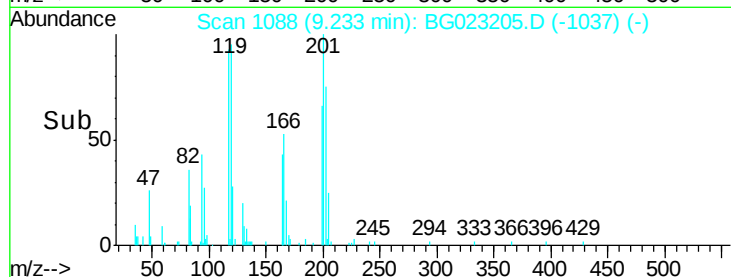
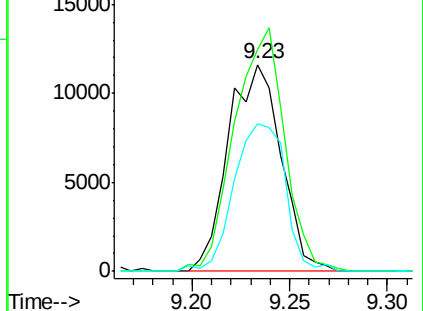
199 71.2 43.5 65.3#



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: 4.44 ng/ul

RT: 9.36 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG023205.D

Acq: 21 Jul 2016 2:35

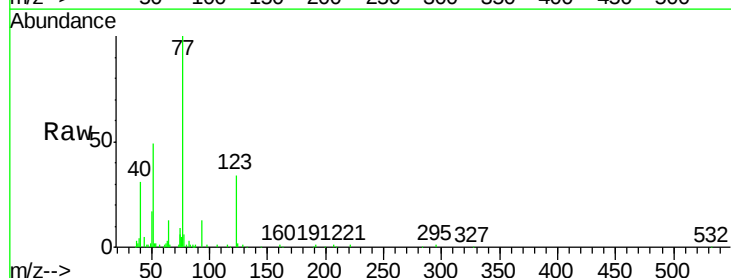
Tgt Ion: 77 Resp: 83293

Ion Ratio Lower Upper

77 100

123 34.3 39.5 59.3#

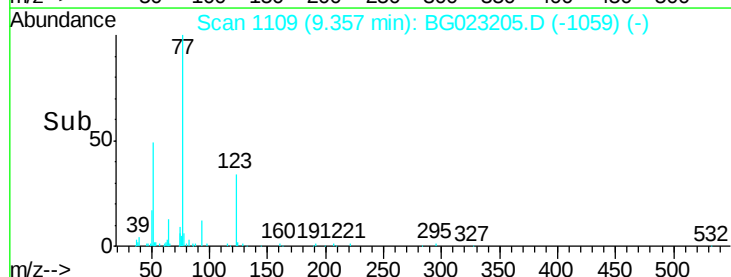
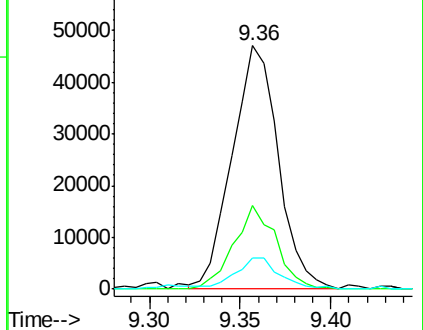
65 12.9 9.0 13.4

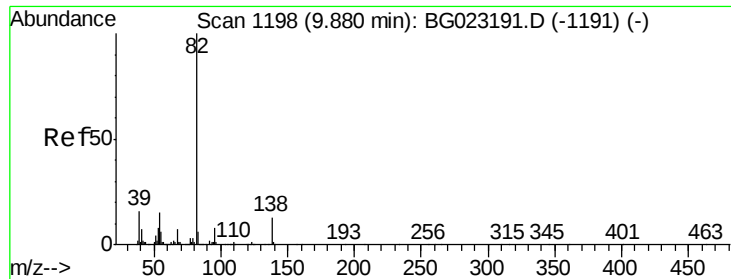


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 4.58 ng/ul

RT: 9.88 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BG023205.D

Acq: 21 Jul 2016 2:35

Instrument :

BNA_G

ClientSampleId :

MDL-06-W

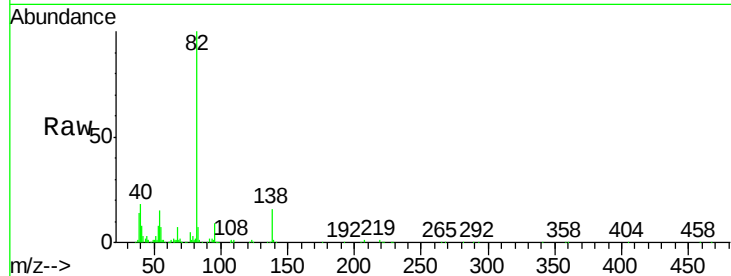
Tgt Ion: 82 Resp: 163812

Ion Ratio Lower Upper

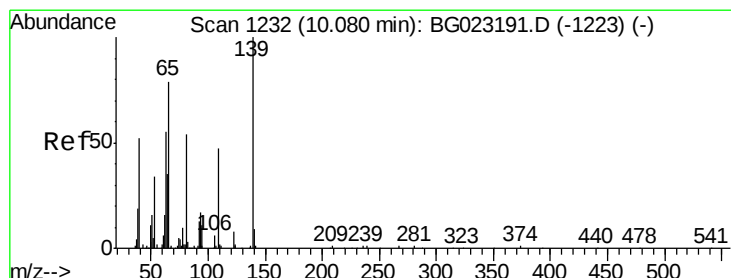
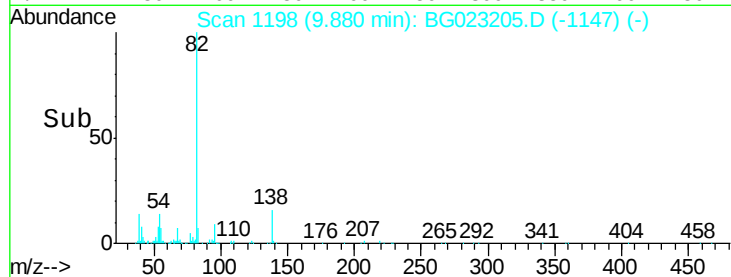
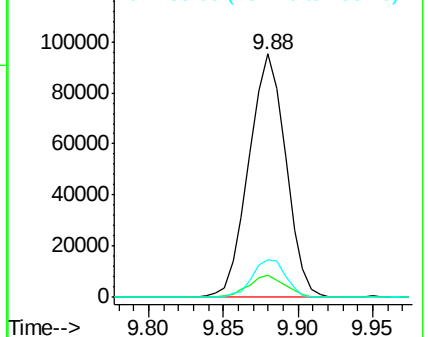
82 100

95 9.3 5.1 7.7#

138 15.5 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: 4.33 ng/ul

RT: 10.08 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BG023205.D

Acq: 21 Jul 2016 2:35

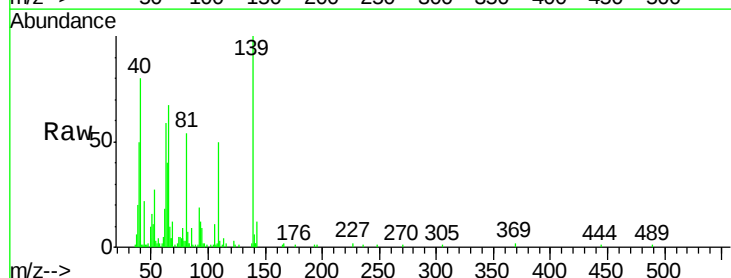
Tgt Ion: 139 Resp: 31309

Ion Ratio Lower Upper

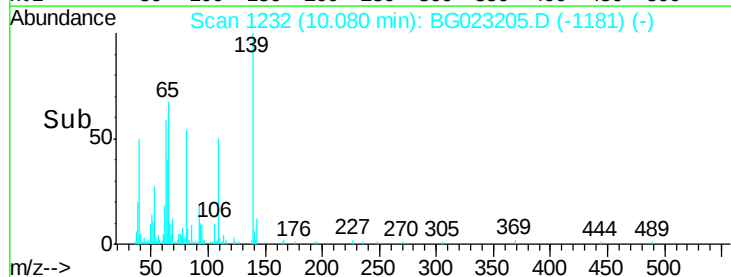
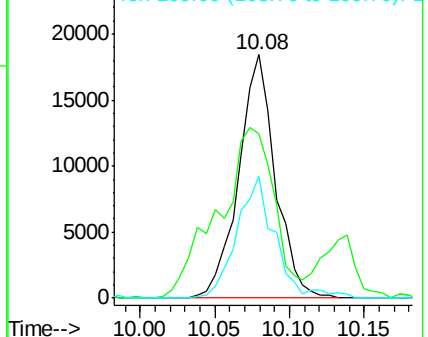
139 100

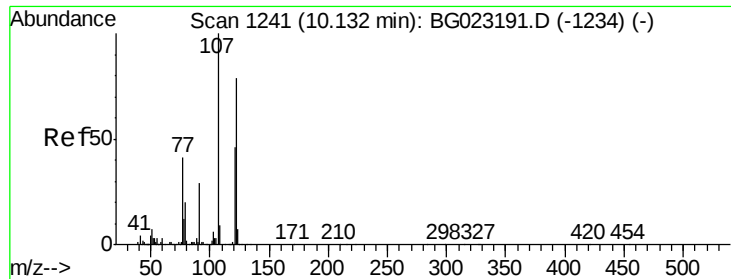
65 67.3 31.8 47.8#

109 50.1 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

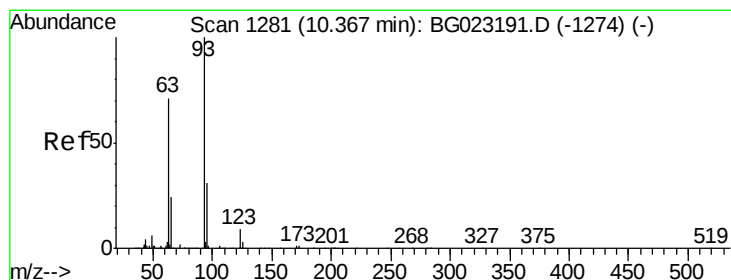
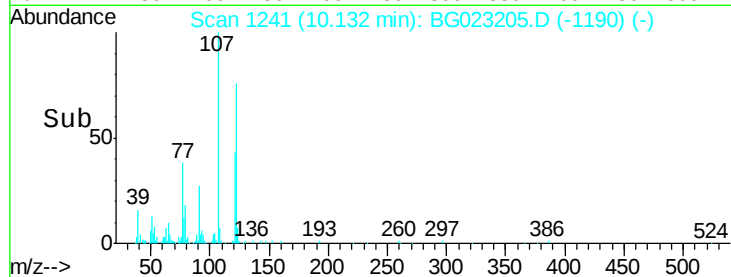
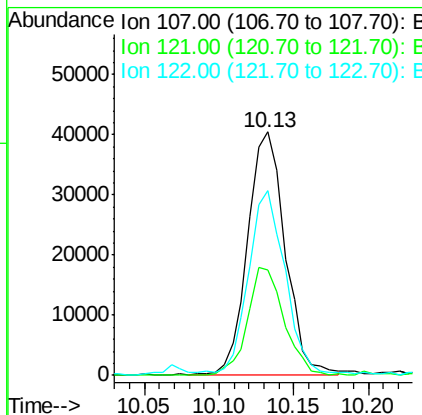
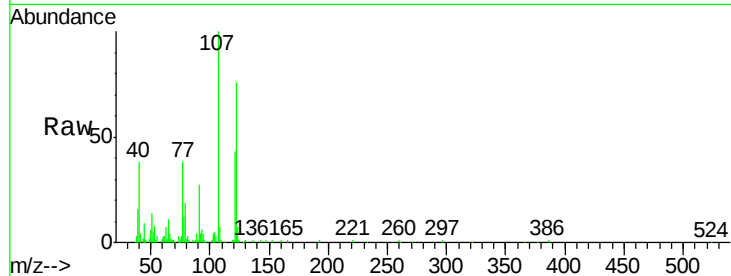




#24
 2,4-Dimethylphenol
 Concen: 4.25 ng/ul
 RT: 10.13 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG023205.D
 Acq: 21 Jul 2016 2:35

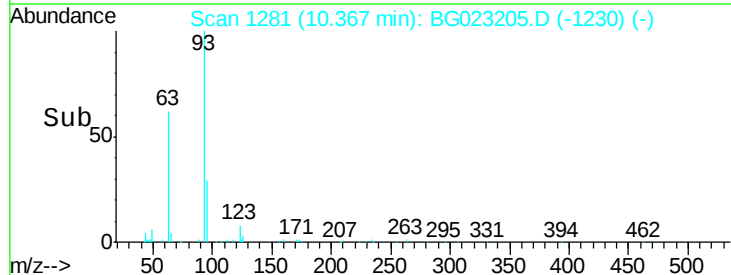
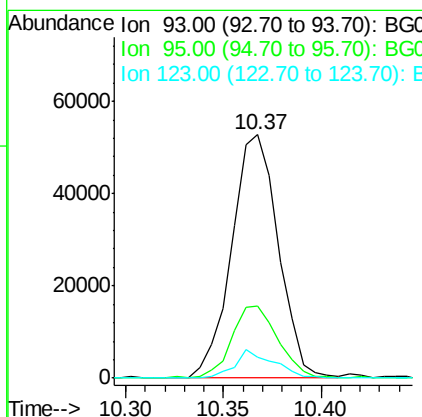
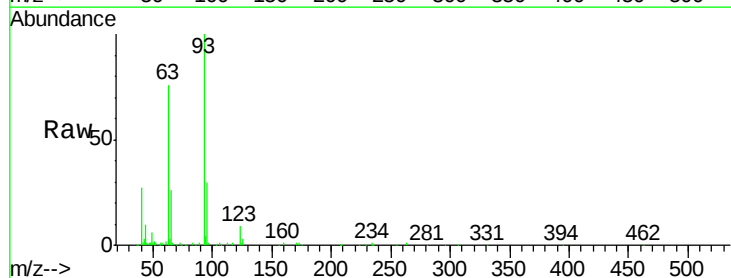
Instrument :
 BNA_G
 ClientSampled :
 MDL-06-W

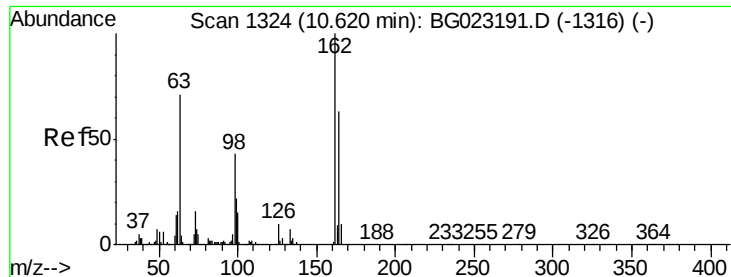
Tgt Ion: 107 Resp: 70529
 Ion Ratio Lower Upper
 107 100
 121 43.2 43.7 65.5#
 122 76.1 70.3 105.5



#25
 Bis(2-Chloroethoxy)methane
 Concen: 4.43 ng/ul
 RT: 10.37 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG023205.D
 Acq: 21 Jul 2016 2:35

Tgt Ion: 93 Resp: 87514
 Ion Ratio Lower Upper
 93 100
 95 29.5 26.0 39.0
 123 8.7 10.1 15.1#

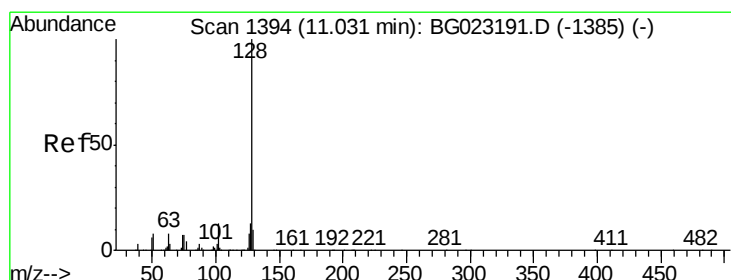
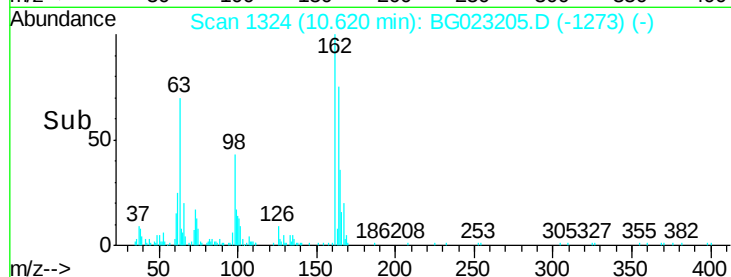
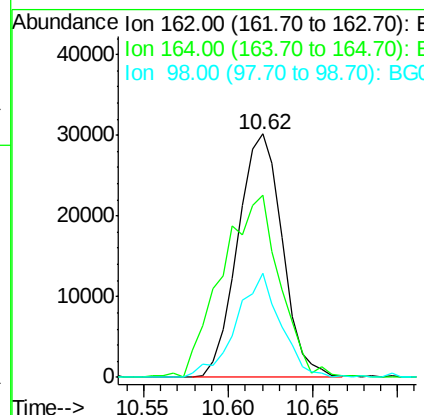
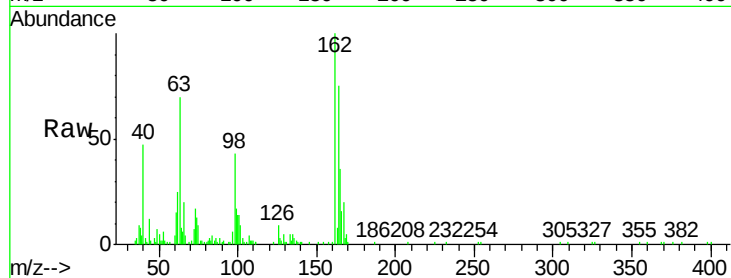




#27
 2,4-Dichlorophenol
 Concen: 4.40 ng/ul
 RT: 10.62 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BG023205.D
 Acq: 21 Jul 2016 2:35

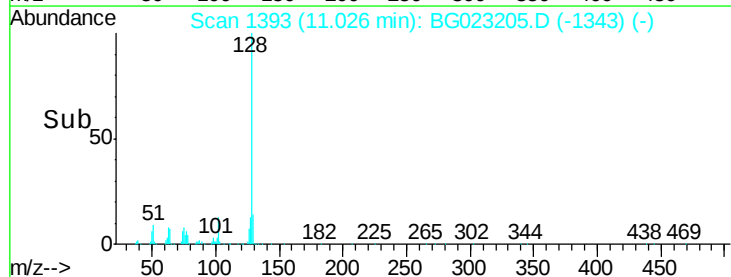
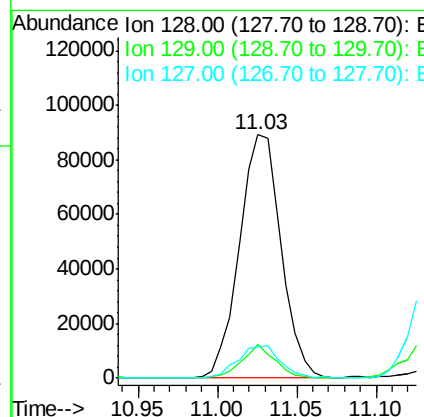
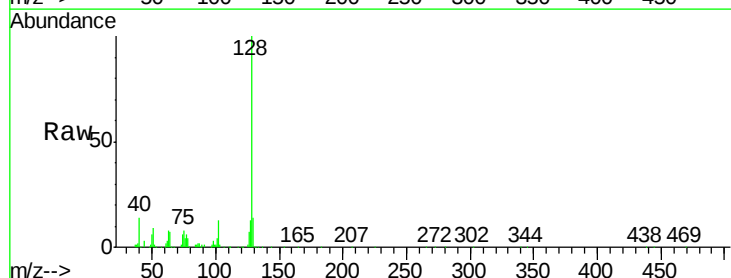
Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-W

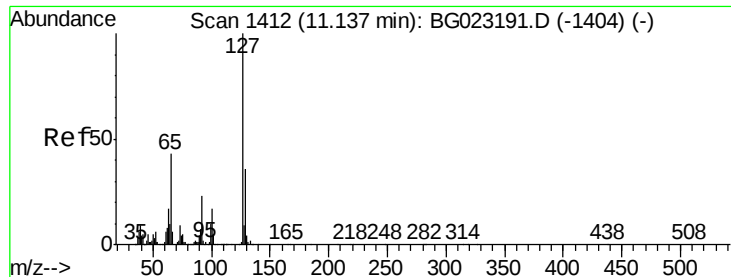
Tgt Ion:162 Resp: 55488
 Ion Ratio Lower Upper
 162 100
 164 74.9 51.6 77.4
 98 43.0 28.3 42.5#



#28
 Naphthalene
 Concen: 4.46 ng/ul
 RT: 11.03 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BG023205.D
 Acq: 21 Jul 2016 2:35

Tgt Ion:128 Resp: 162743
 Ion Ratio Lower Upper
 128 100
 129 13.8 9.4 14.2
 127 12.8 11.2 16.8

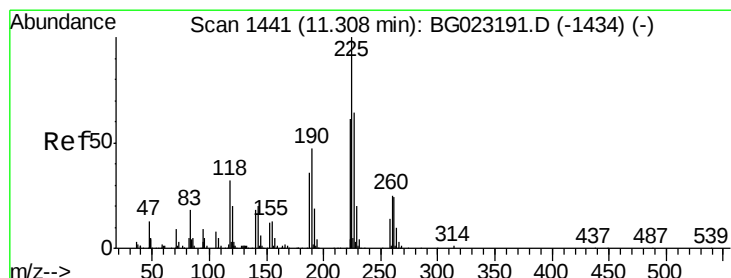
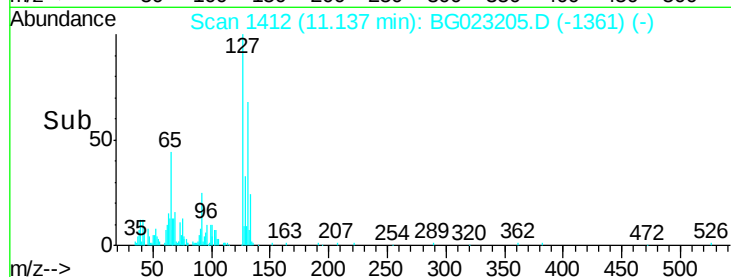
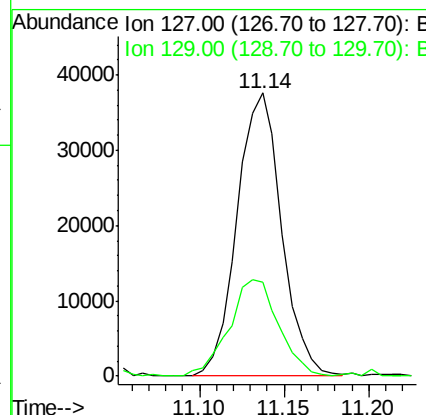
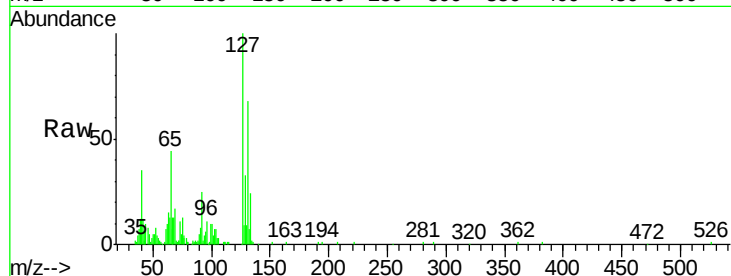




#30
4-Chloroaniline
Concen: 5.06 ng/ul
RT: 11.14 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BG023205.D
Acq: 21 Jul 2016 2:35

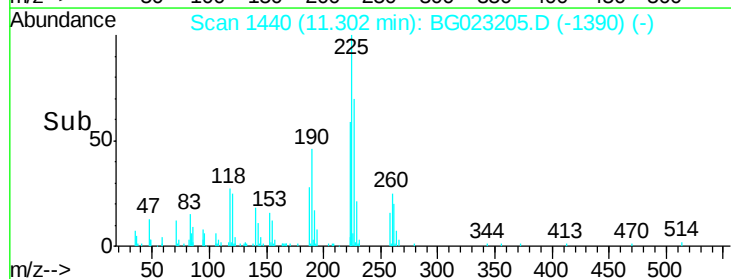
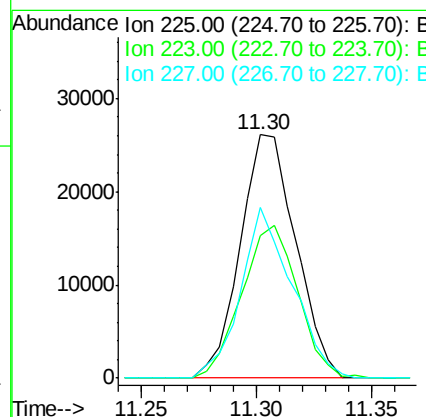
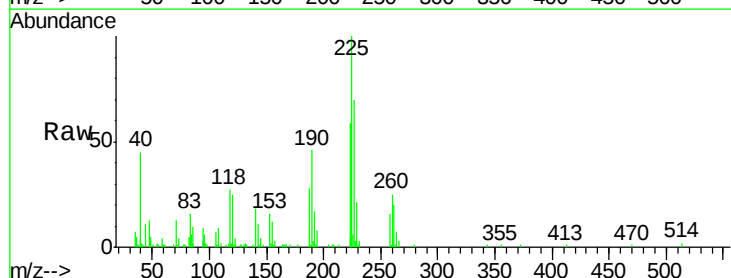
Instrument :
BNA_G
ClientSampleId :
MDL-06-W

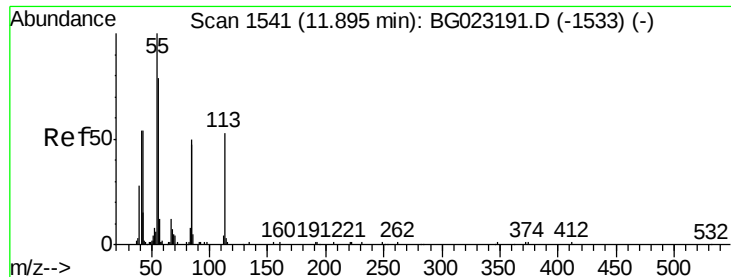
Tgt Ion:127 Resp: 68968
Ion Ratio Lower Upper
127 100
129 33.2 26.9 40.3



#31
Hexachlorobutadiene
Concen: 4.33 ng/ul
RT: 11.30 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG023205.D
Acq: 21 Jul 2016 2:35

Tgt Ion:225 Resp: 43861
Ion Ratio Lower Upper
225 100
223 62.4 54.7 82.1
227 73.2 52.2 78.4





#32

Caprolactam

Concen: 1.50 ng/ul

RT: 11.91 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BG023205.D

Acq: 21 Jul 2016 2:35

Instrument :

BNA_G

ClientSampleId :

MDL-06-W

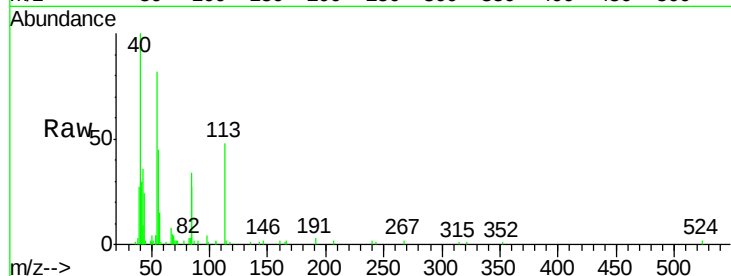
Tgt Ion:113 Resp: 7853

Ion Ratio Lower Upper

113 100

55 171.0 99.6 149.4#

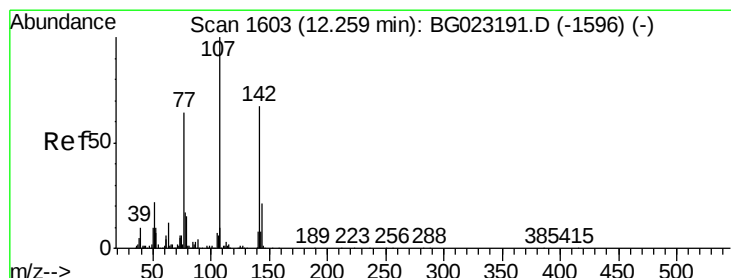
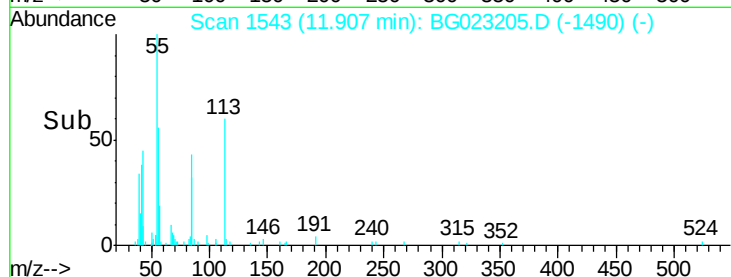
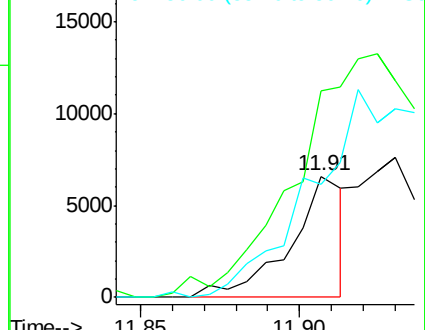
56 93.5 66.4 99.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#33

4-Chloro-3-methylphenol

Concen: 4.16 ng/ul

RT: 12.25 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BG023205.D

Acq: 21 Jul 2016 2:35

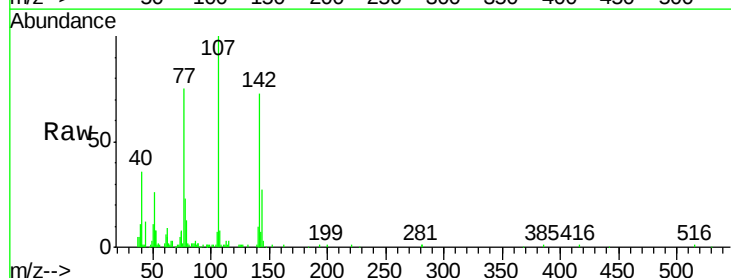
Tgt Ion:107 Resp: 68911

Ion Ratio Lower Upper

107 100

144 26.5 22.7 34.1

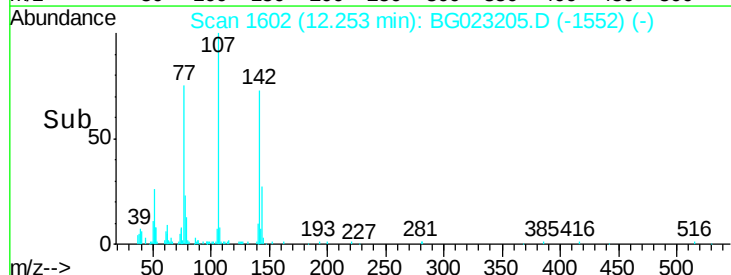
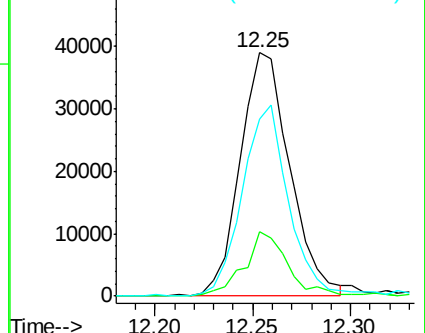
142 72.8 71.6 107.4

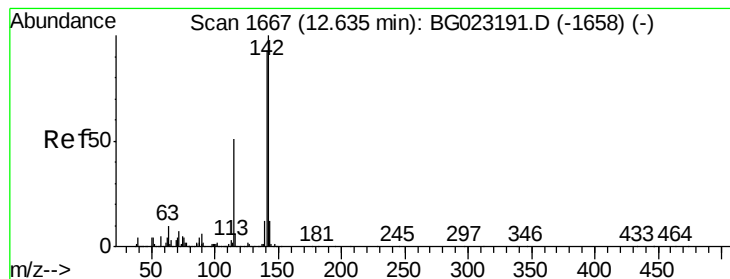


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 4.49 ng/ul

RT: 12.64 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG023205.D

Acq: 21 Jul 2016 2:35

Instrument :

BNA_G

ClientSampleId :

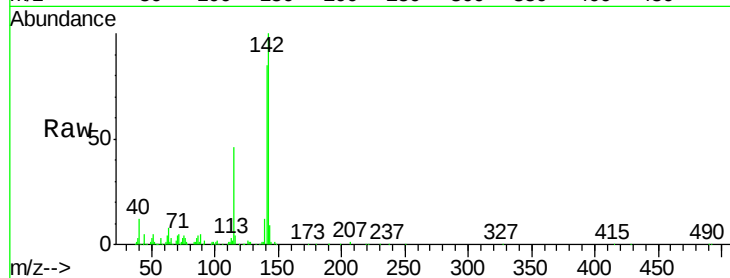
MDL-06-W

Tgt Ion:142 Resp: 135397

Ion Ratio Lower Upper

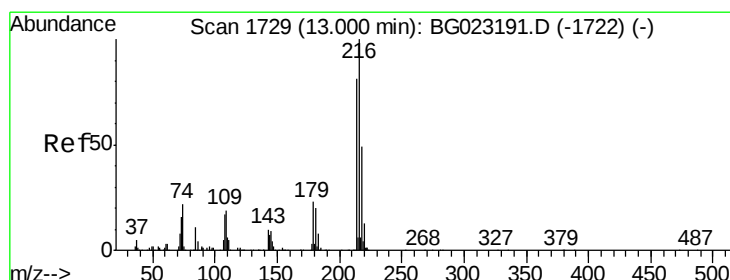
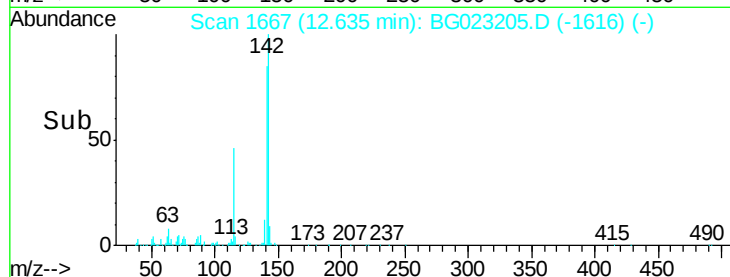
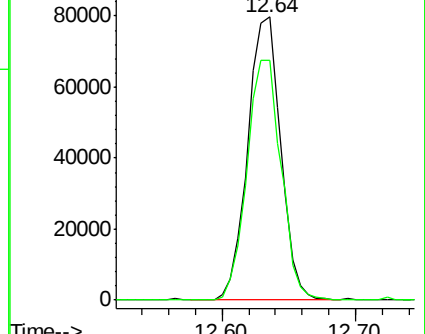
142 100

141 84.6 75.2 112.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 4.31 ng/ul

RT: 13.00 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BG023205.D

Acq: 21 Jul 2016 2:35

Tgt Ion:216 Resp: 79541

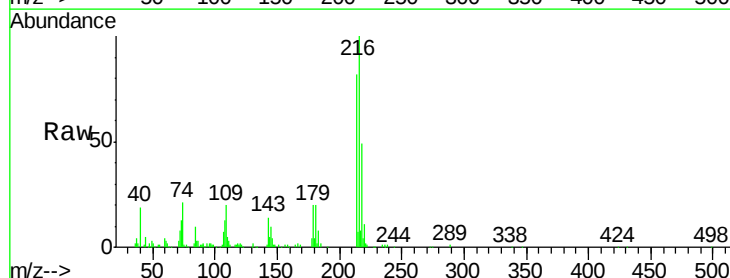
Ion Ratio Lower Upper

216 100

214 81.6 61.7 92.5

179 19.7 17.0 25.4

108 12.9 14.2 21.2#

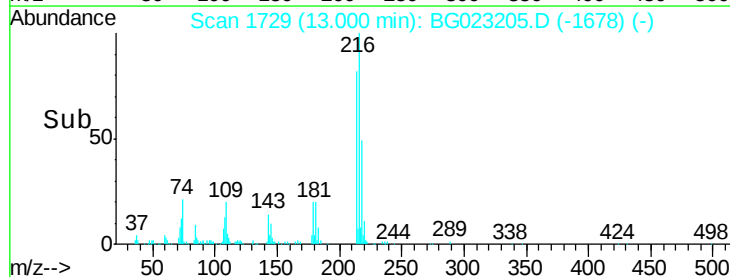
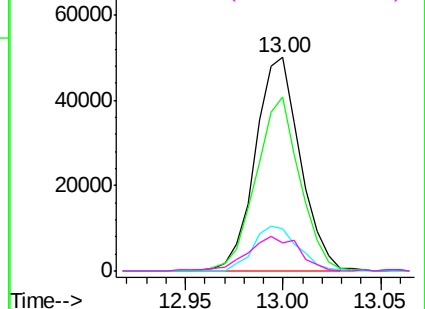


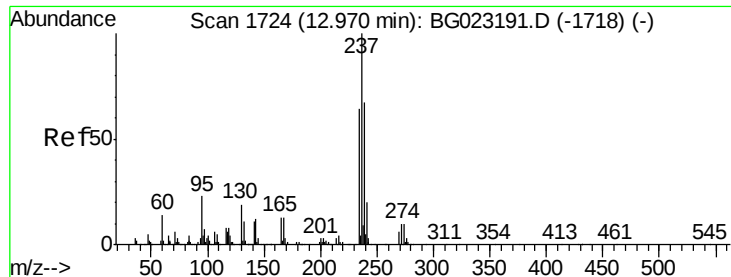
Abundance Ion 216.00 (215.70 to 216.70): E

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





#37

Hexachlorocyclopentadiene

Concen: 3.80 ng/ul

RT: 12.97 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG023205.D

Acq: 21 Jul 2016 2:35

Instrument :

BNA_G

ClientSampleId :

MDL-06-W

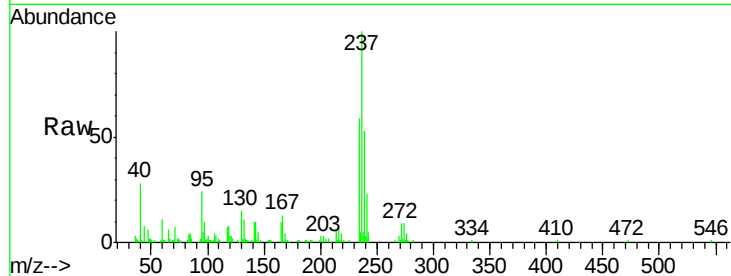
Tgt Ion:237 Resp: 45666

Ion Ratio Lower Upper

237 100

235 58.8 49.6 74.4

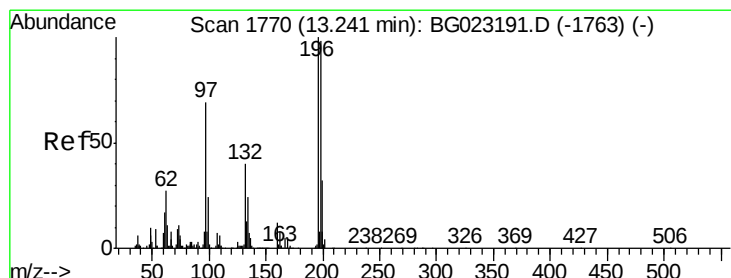
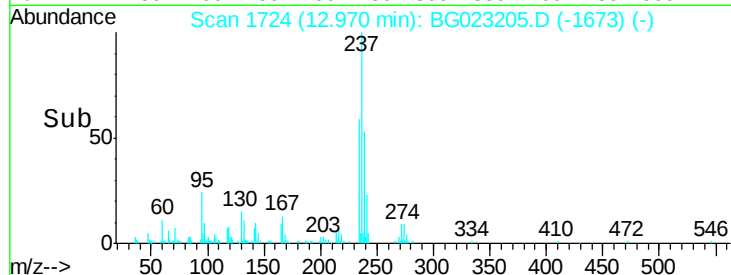
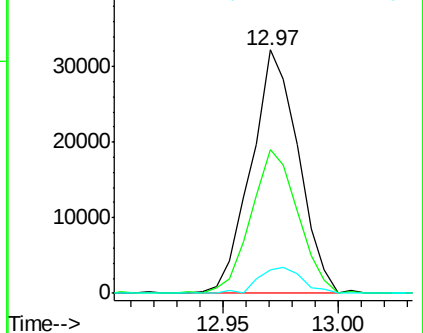
272 11.1 9.3 13.9



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: 3.97 ng/ul

RT: 13.24 min Scan# 1770

Delta R.T. -0.00 min

Lab File: BG023205.D

Acq: 21 Jul 2016 2:35

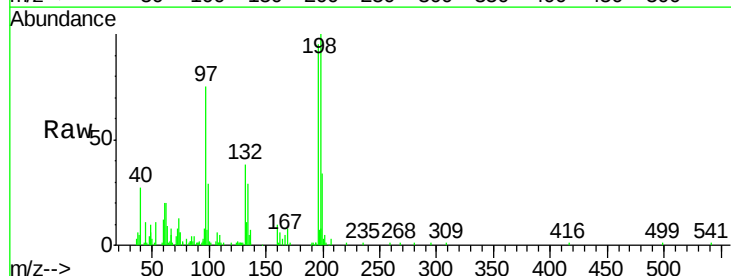
Tgt Ion:196 Resp: 50782

Ion Ratio Lower Upper

196 100

198 105.2 77.4 116.0

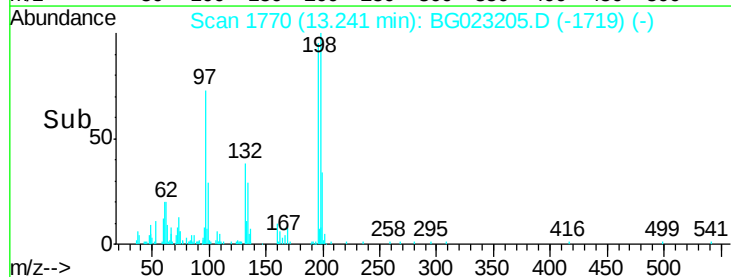
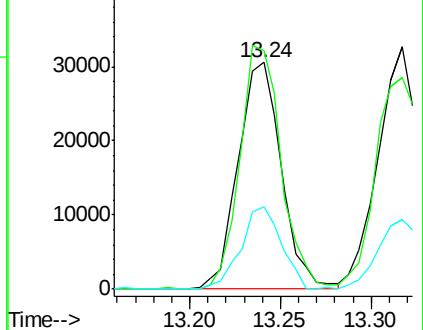
200 36.2 26.6 39.8

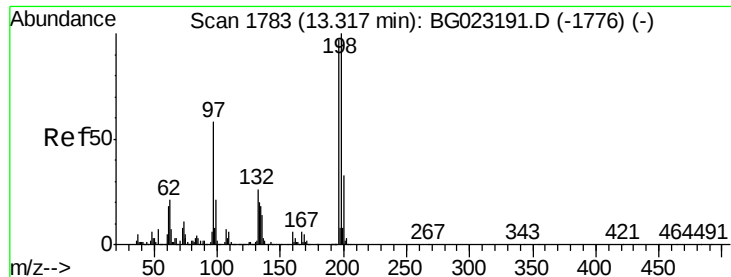


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

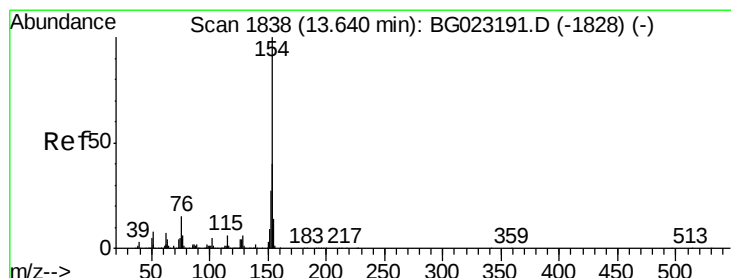
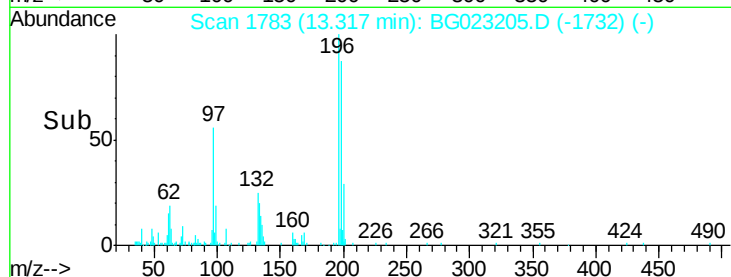
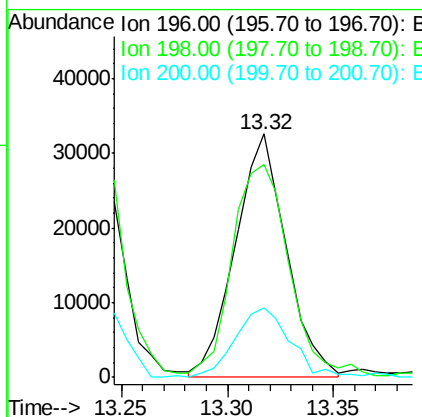
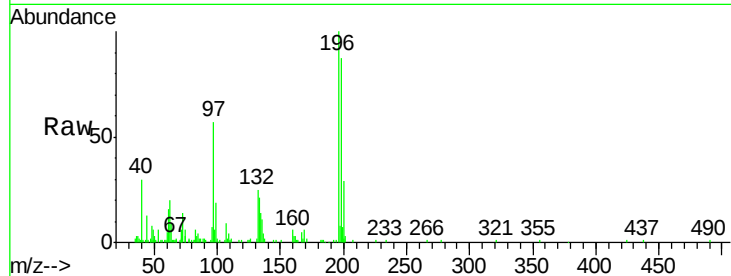




#39
 2,4,5-Trichlorophenol
 Concen: 4.19 ng/ul
 RT: 13.32 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: BG023205.D
 Acq: 21 Jul 2016 2:35

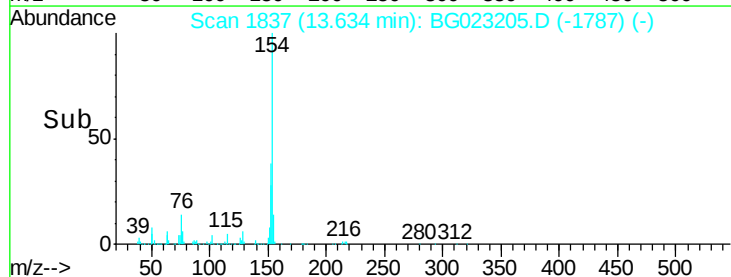
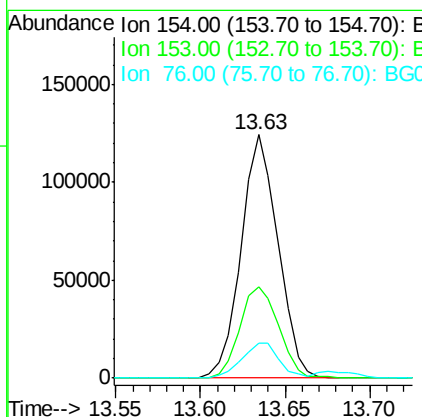
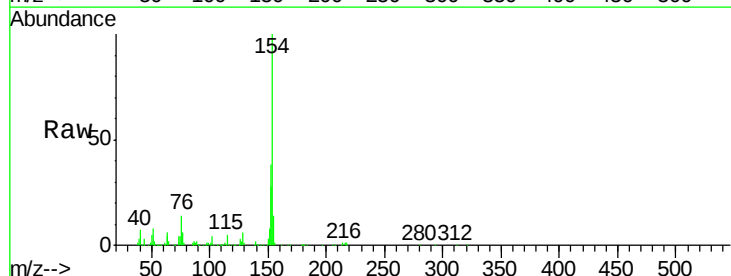
Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-W

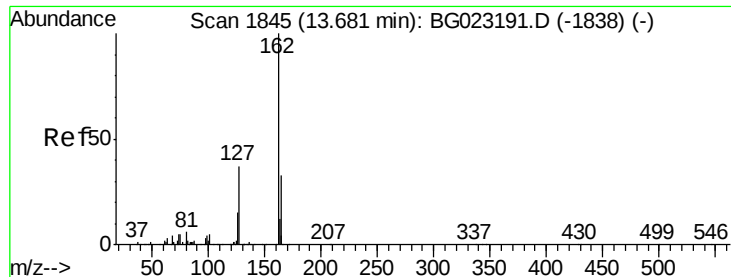
Tgt Ion:196 Resp: 54614
 Ion Ratio Lower Upper
 196 100
 198 87.3 79.8 119.8
 200 28.8 24.0 36.0



#40
 1,1'-Biphenyl
 Concen: 4.55 ng/ul
 RT: 13.63 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BG023205.D
 Acq: 21 Jul 2016 2:35

Tgt Ion:154 Resp: 188724
 Ion Ratio Lower Upper
 154 100
 153 37.5 34.6 52.0
 76 14.3 11.9 17.9

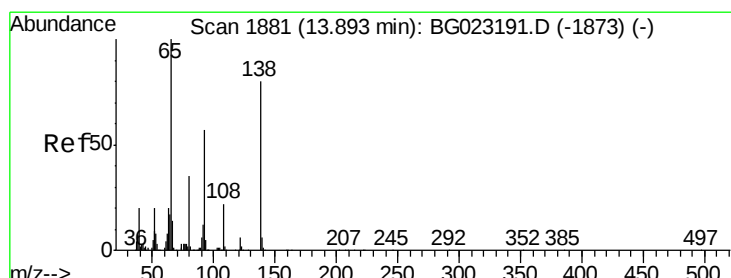
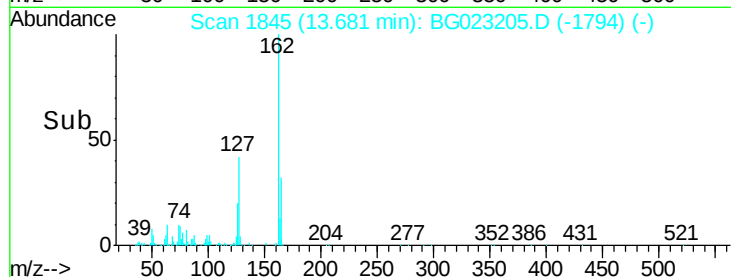
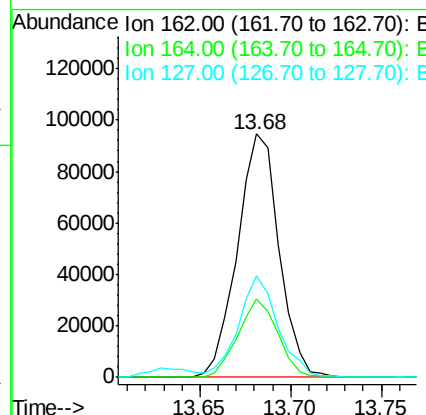
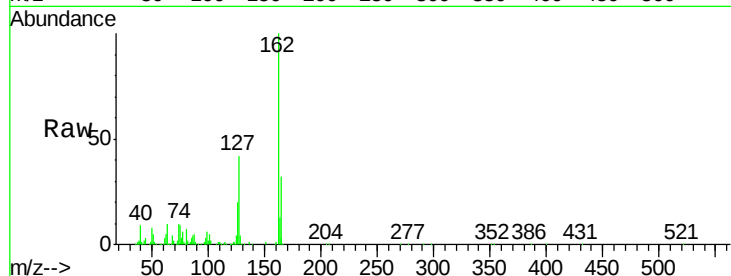




#41
2-Chloronaphthalene
Concen: 4.51 ng/ul
RT: 13.68 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BG023205.D
Acq: 21 Jul 2016 2:35

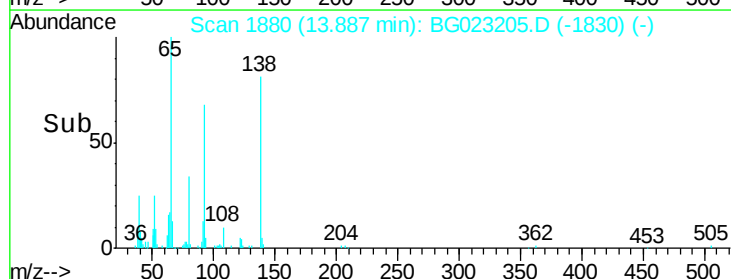
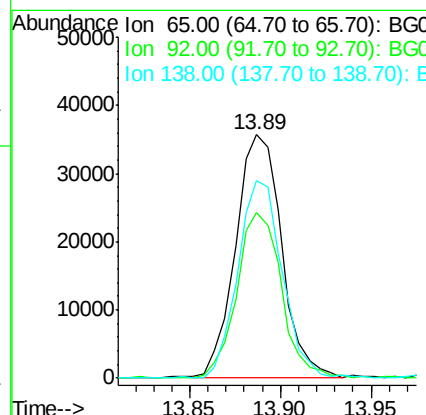
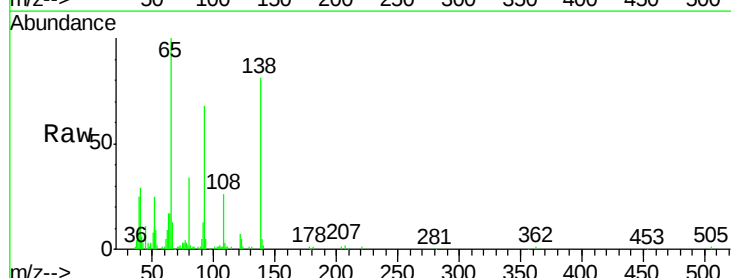
Instrument :
BNA_G
ClientSampleId :
MDL-06-W

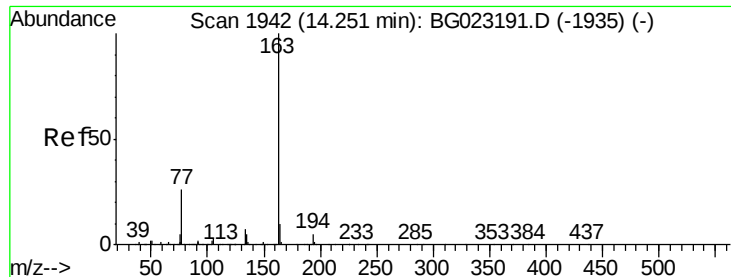
Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.3	25.4	38.2
127	41.9	30.2	45.4



#42
2-Nitroaniline
Concen: 4.25 ng/ul
RT: 13.89 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG023205.D
Acq: 21 Jul 2016 2:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	67.1	100.7
138	81.3	109.6	164.4

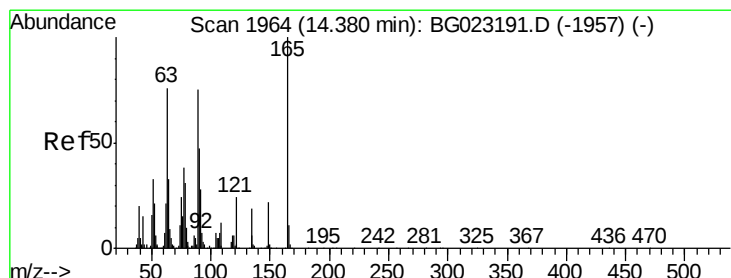
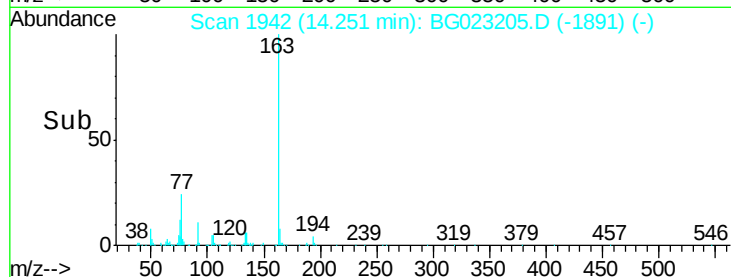
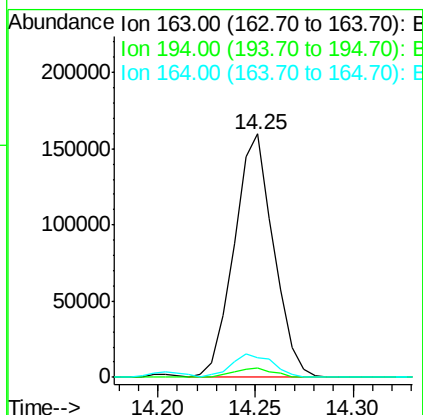
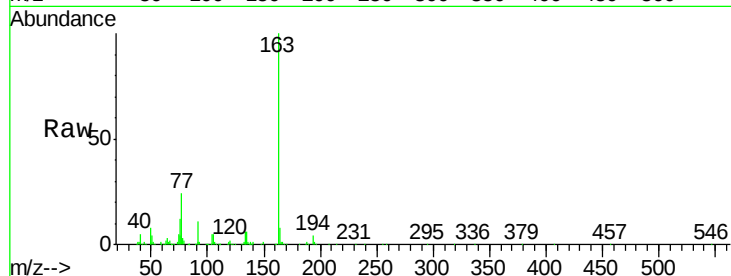




#44
Dimethylphthalate
Concen: 4.78 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG023205.D
Acq: 21 Jul 2016 2:35

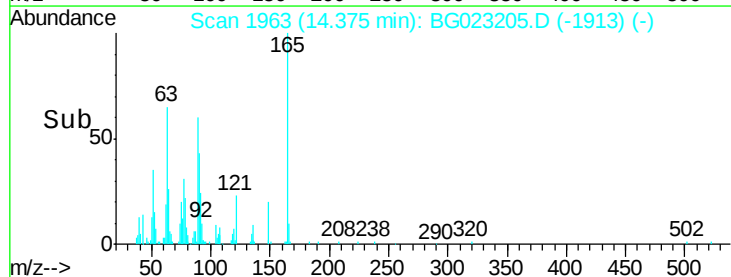
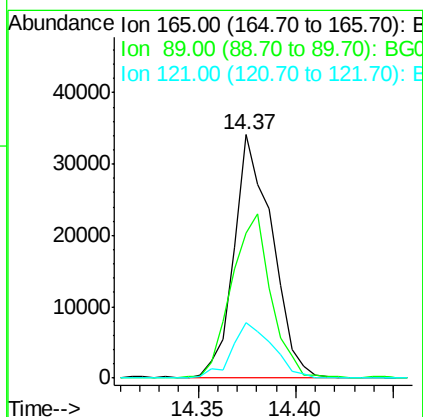
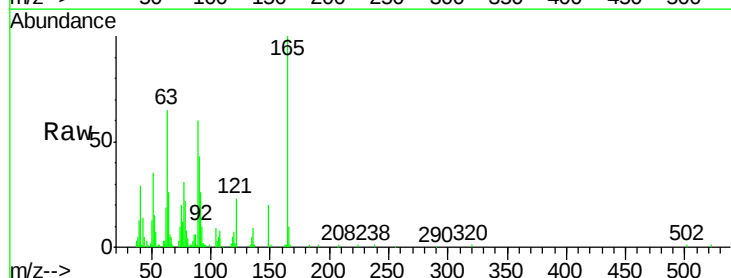
Instrument :
BNA_G
ClientSampleId :
MDL-06-W

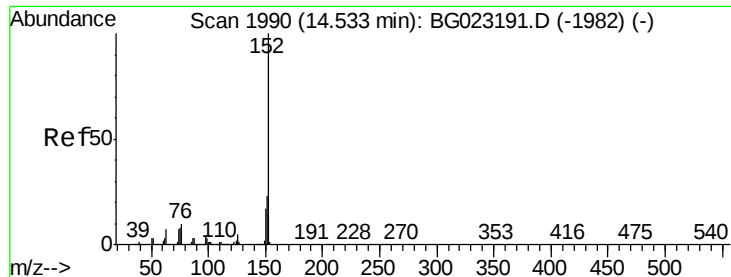
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.2
164	7.9	8.8	13.2#



#45
2,6-Dinitrotoluene
Concen: 4.58 ng/ul
RT: 14.37 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG023205.D
Acq: 21 Jul 2016 2:35

Tgt Ion	Ratio	Lower	Upper
165	100		
89	59.6	41.5	62.3
121	22.7	17.0	25.4





#47

Acenaphthylene

Concen: 4.60 ng/ul

RT: 14.53 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG023205.D

Acq: 21 Jul 2016 2:35

Instrument :

BNA_G

ClientSampleId :

MDL-06-W

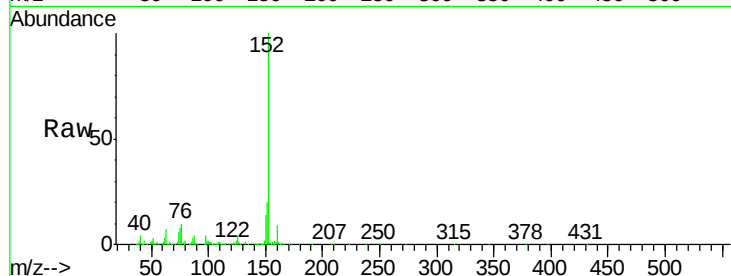
Tgt Ion:152 Resp: 243662

Ion Ratio Lower Upper

152 100

151 20.2 17.5 26.3

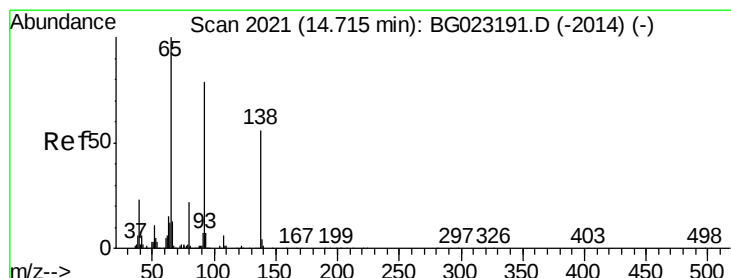
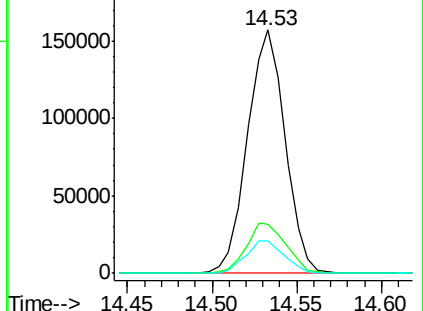
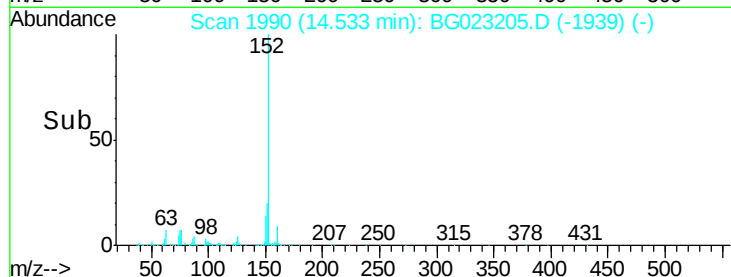
153 13.1 11.1 16.7



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: 4.78 ng/ul

RT: 14.72 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BG023205.D

Acq: 21 Jul 2016 2:35

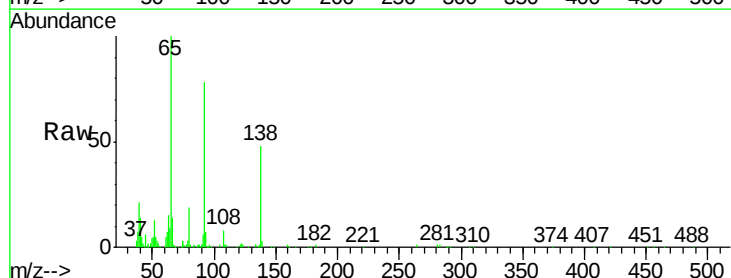
Tgt Ion:138 Resp: 41310

Ion Ratio Lower Upper

138 100

108 16.2 6.2 9.2#

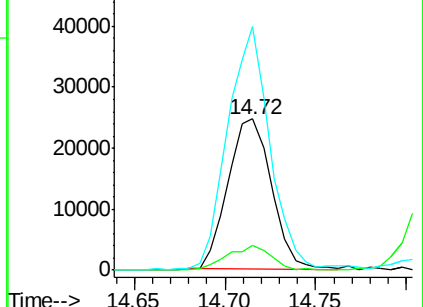
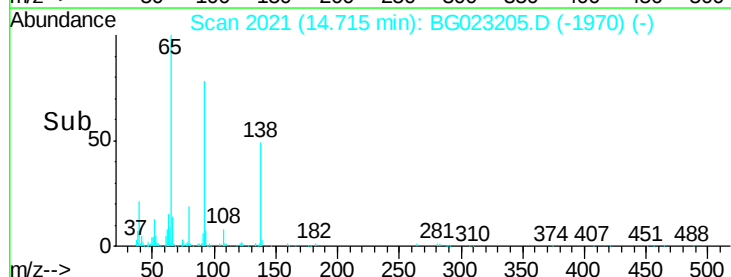
92 161.3 79.3 118.9#

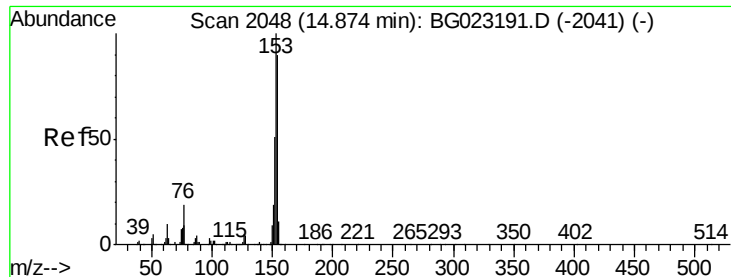


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO





#49

Acenaphthene

Concen: 4.49 ng/ul

RT: 14.87 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG023205.D

Acq: 21 Jul 2016 2:35

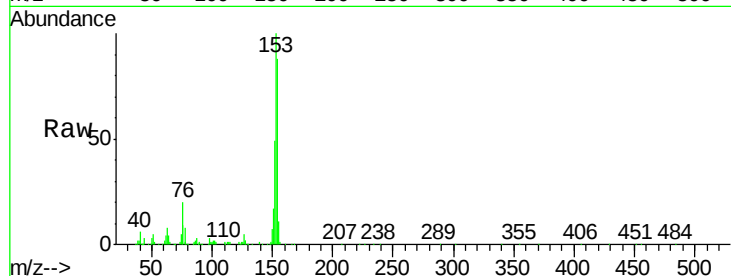
Instrument :

BNA_G

ClientSampleId :

MDL-06-W

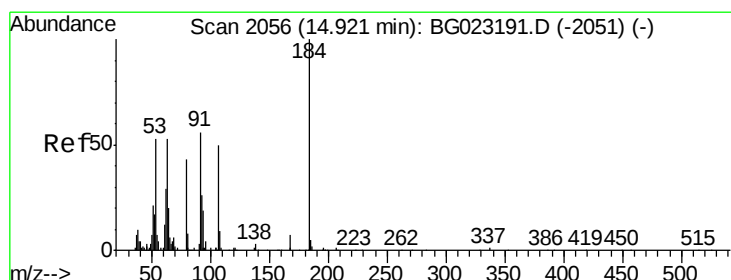
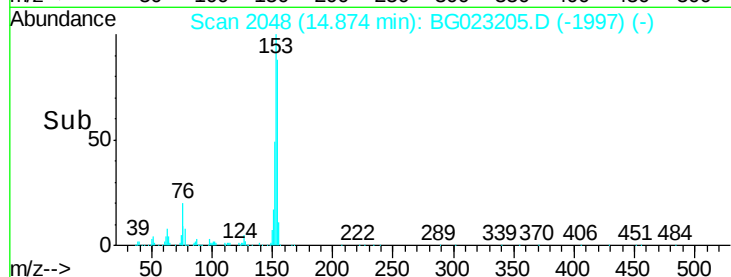
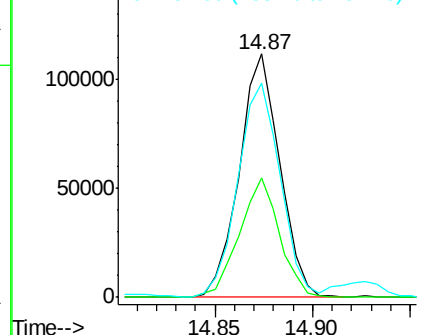
Tgt Ion:	153	Resp:	160570
Ion Ratio		Lower	Upper
153	100		
152	48.8	37.3	55.9
154	88.1	68.2	102.2



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: 3.03 ng/ul

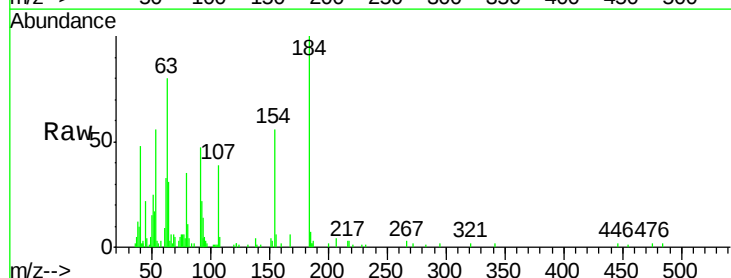
RT: 14.92 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BG023205.D

Acq: 21 Jul 2016 2:35

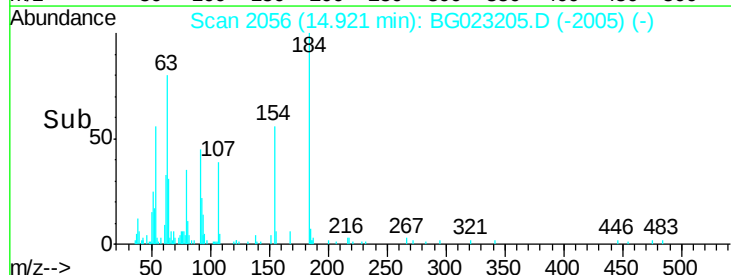
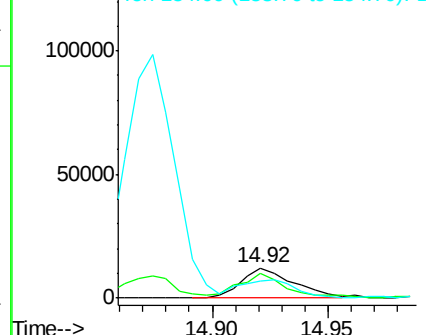
Tgt Ion:	184	Resp:	19229
Ion Ratio		Lower	Upper
184	100		
63	79.9	40.5	60.7#
154	55.6	48.5	72.7

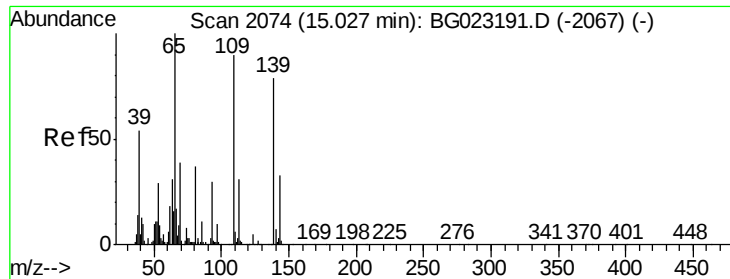


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

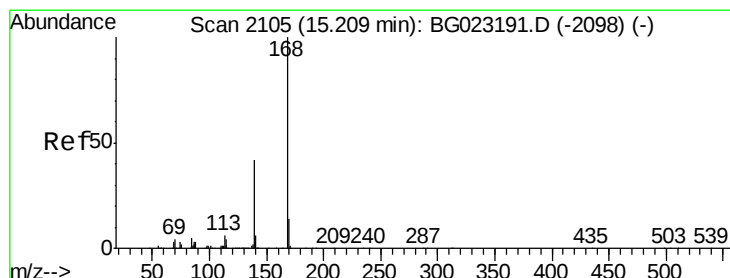
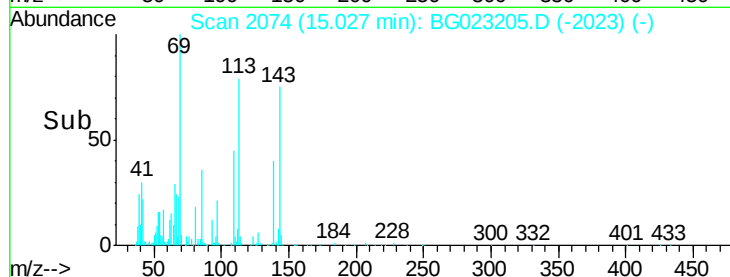
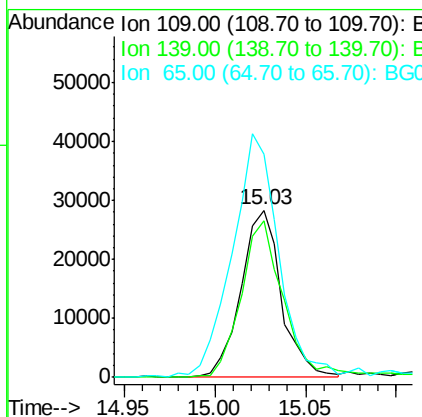
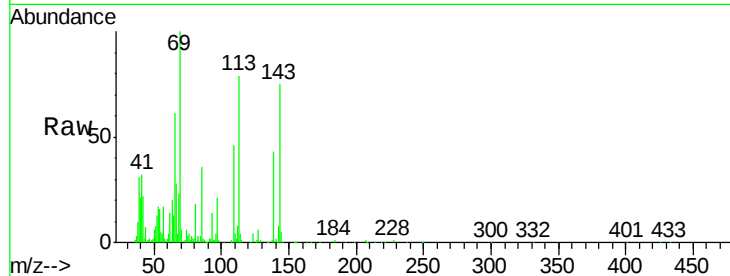




#52
4-Nitrophenol
Concen: 4.55 ng/ul
RT: 15.03 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG023205.D
Acq: 21 Jul 2016 2:35

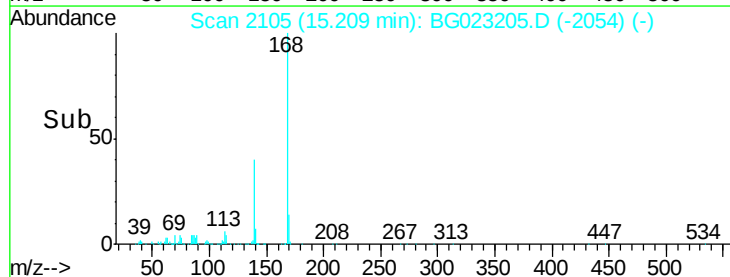
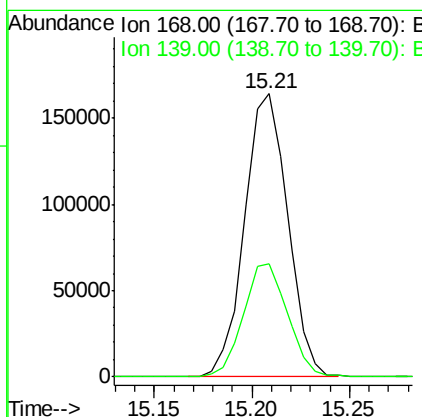
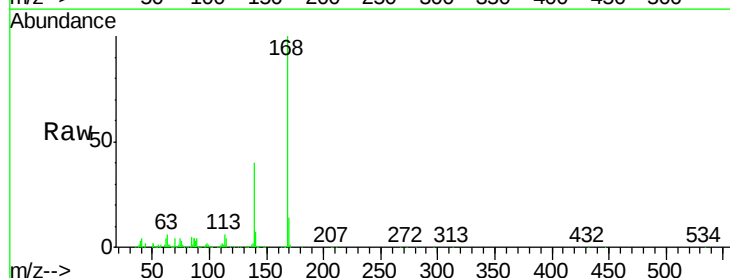
Instrument :
BNA_G
ClientSampleId :
MDL-06-W

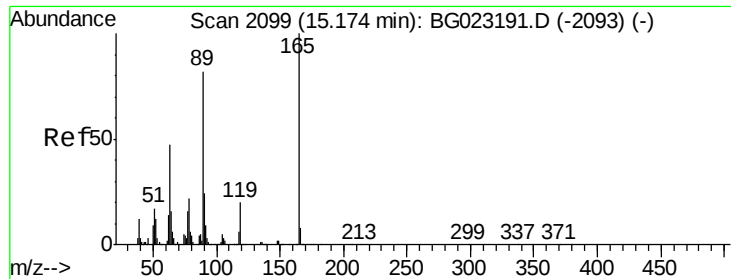
Tgt Ion:109 Resp: 43962
Ion Ratio Lower Upper
109 100
139 93.8 136.1 204.1#
65 133.7 106.0 159.0



#53
Dibenzofuran
Concen: 4.77 ng/ul
RT: 15.21 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG023205.D
Acq: 21 Jul 2016 2:35

Tgt Ion:168 Resp: 251892
Ion Ratio Lower Upper
168 100
139 40.1 27.4 41.0

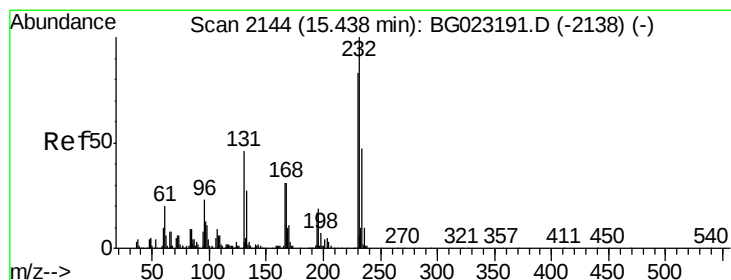
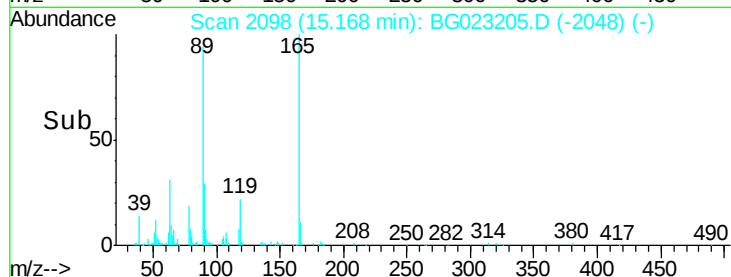
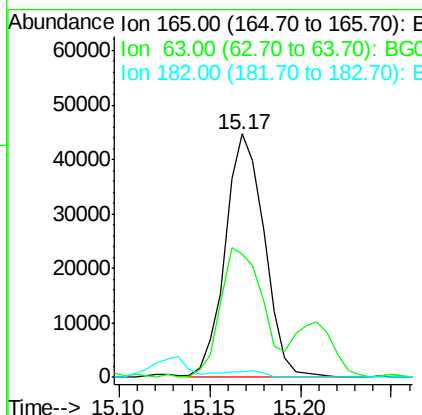
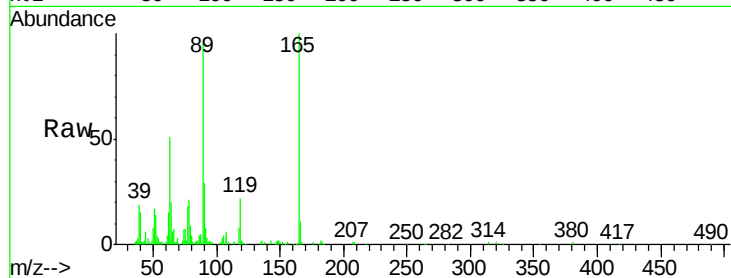




#54
 2,4-Dinitrotoluene
 Concen: 4.35 ng/ul
 RT: 15.17 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG023205.D
 Acq: 21 Jul 2016 2:35

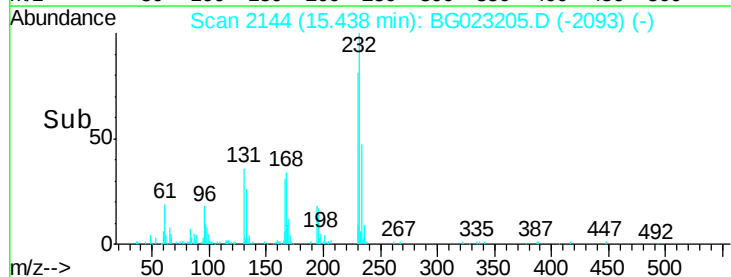
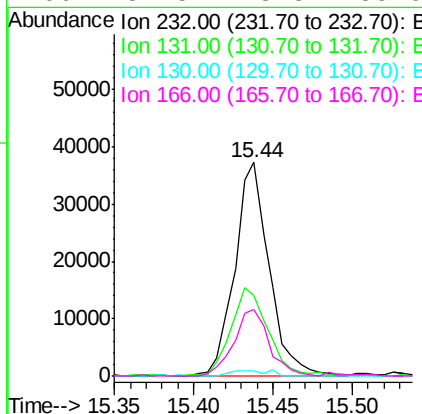
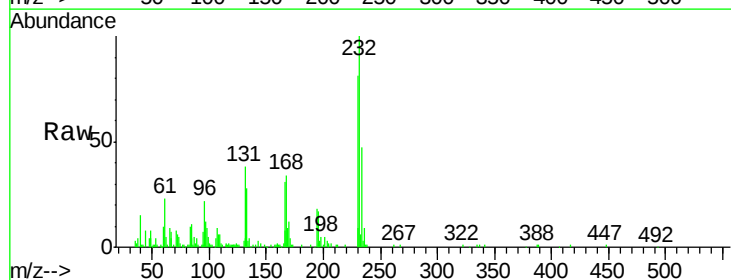
Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-W

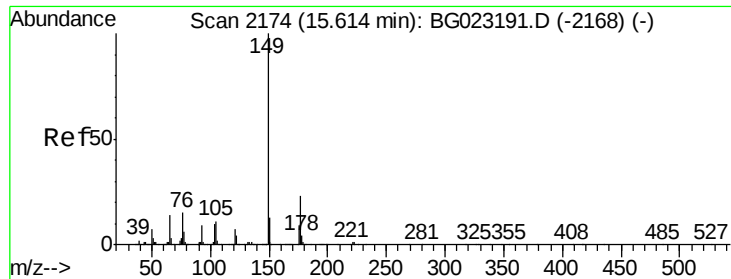
Tgt Ion:165 Resp: 67052
 Ion Ratio Lower Upper
 165 100
 63 50.9 25.7 38.5#
 182 2.4 2.1 3.1



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 4.25 ng/ul
 RT: 15.44 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG023205.D
 Acq: 21 Jul 2016 2:35

Tgt Ion:232 Resp: 55934
 Ion Ratio Lower Upper
 232 100
 131 37.6 34.8 52.2
 130 2.5 2.2 3.2
 166 31.5 23.8 35.6

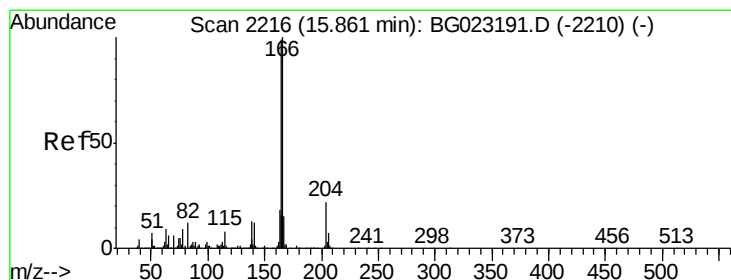
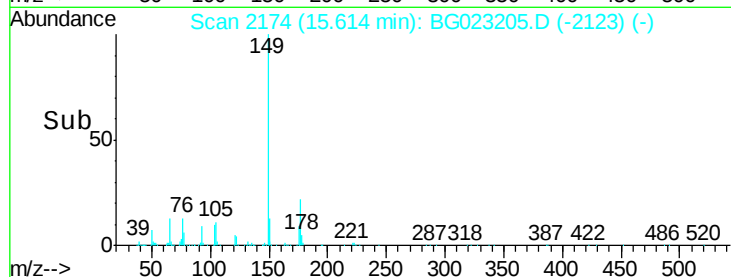
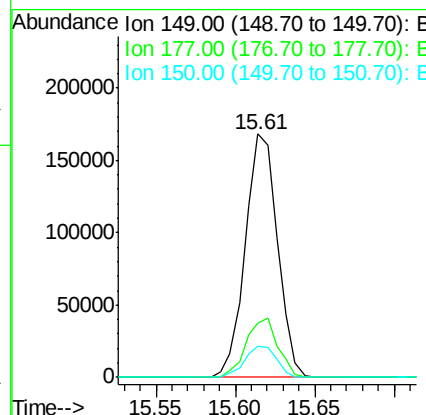
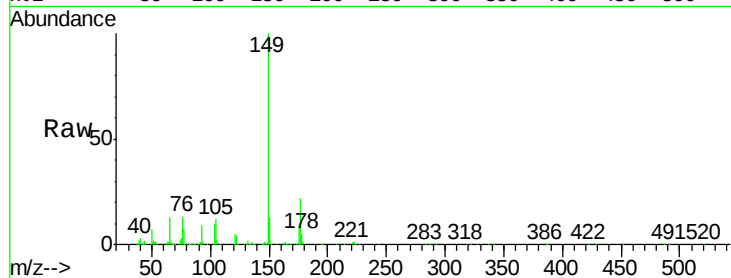




#56
Diethylphthalate
Concen: 4.79 ng/ul
RT: 15.61 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG023205.D
Acq: 21 Jul 2016 2:35

Instrument :
BNA_G
ClientSampleId :
MDL-06-W

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.4	26.2
150	12.6	9.6	14.4



#58
Fluorene
Concen: 4.62 ng/ul
RT: 15.86 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG023205.D
Acq: 21 Jul 2016 2:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	80.3	120.5
167	13.0	10.3	15.5

