

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
 Data File : BG017896.D
 Acq On : 15 Jul 2015 21:52
 Operator : TP/UM
 Sample : MDL-02-W
 Misc : MDL-WATER-SVOC-8PPM
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-02-W

Quant Time: Jul 16 02:12:22 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 16 01:50:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	74155	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	349712	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	211127	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	456418	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	455839	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	424022	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	9204	4.44	ng/uL	0.00
5) Phenol-d5	6.76	99	170184	26.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	106476	24.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	144024	28.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	141477	28.86	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	71523	26.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	64507	31.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	122968	29.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	220681	36.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	518734	35.24	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	619896	32.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	86557	31.16	ng/ul	0.00
57) Fluorene-d10	15.24	176	471344	34.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	46493	21.77	ng/ul	0.00
70) Anthracene-d10	17.10	188	730747	35.33	ng/ul	0.00
78) Pyrene-d10	19.40	212	805566	37.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	725744	34.92	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.15	88	1844	0.83	ng/uL	86
4) Benzaldehyde	6.73	77	22699	6.06	ng/ul	84
6) Phenol	6.79	94	32021	4.57	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.02	93	26151	4.57	ng/ul	93
10) 2-Chlorophenol	7.15	128	25679	5.12	ng/ul	93
11) 2-Methylphenol	8.03	108	22906	4.49	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.13	45	32938	3.96	ng/ul	97
14) Acetophenone	8.40	105	39418	4.83	ng/ul	86
15) N-Nitroso-di-n-propylamine	8.39	70	20870	4.15	ng/ul	89
16) 4-Methylphenol	8.35	108	27198	4.90	ng/ul	98
17) Hexachloroethane	8.65	117	10579	4.42	ng/ul	95
20) Nitrobenzene	8.78	77	27107	3.77	ng/ul	91
21) Isophorone	9.30	82	59613	4.43	ng/ul#	95
23) 2-Nitrophenol	9.49	139	12457	5.12	ng/ul#	79
24) 2,4-Dimethylphenol	9.55	107	29072	4.67	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.79	93	32615	4.31	ng/ul	98
27) 2,4-Dichlorophenol	10.02	162	21860	5.16	ng/ul	97
28) Naphthalene	10.42	128	93331	5.16	ng/ul	97
30) 4-Chloroaniline	10.53	127	34543	5.50	ng/ul	98
31) Hexachlorobutadiene	10.70	225	13697	5.13	ng/ul#	91
32) Caprolactam	11.43	113	72	0.02	ng/ul	85
33) 4-Chloro-3-methylphenol	11.67	107	23666	4.55	ng/ul#	93
34) 2-Methylnaphthalene	12.04	142	65024	5.30	ng/ul	97

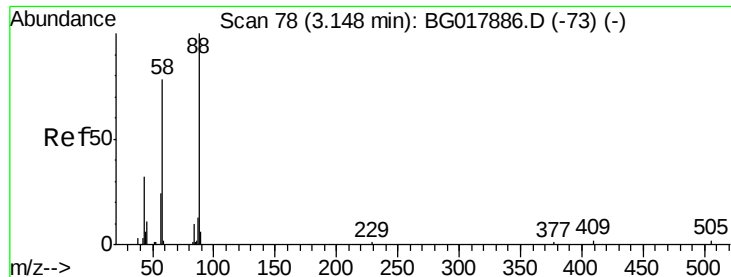
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
 Data File : BG017896.D
 Acq On : 15 Jul 2015 21:52
 Operator : TP/UM
 Sample : MDL-02-W
 Misc : MDL-WATER-SVOC-8PPM
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 MDL-02-W

Quant Time: Jul 16 02:12:22 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 16 01:50:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	27599	4.97	ng/ul#	96
37) Hexachlorocyclopentadiene	12.39	237	10881	3.77	ng/ul#	88
38) 2,4,6-Trichlorophenol	12.66	196	13537	4.49	ng/ul#	81
39) 2,4,5-Trichlorophenol	12.73	196	16696	5.08	ng/ul	95
40) 1,1'-Biphenyl	13.07	154	86295	5.28	ng/ul#	91
41) 2-Chloronaphthalene	13.11	162	65038	5.19	ng/ul	96
42) 2-Nitroaniline	13.32	65	12962	3.52	ng/ul#	81
44) Dimethylphthalate	13.71	163	94479	6.11	ng/ul	98
45) 2,6-Dinitrotoluene	13.82	165	12608	4.48	ng/ul	99
47) Acenaphthylene	13.96	152	113717	5.38	ng/ul	99
48) 3-Nitroaniline	14.15	138	15717	4.89	ng/ul#	91
49) Acenaphthene	14.31	153	73799	5.19	ng/ul	91
50) 2,4-Dinitrophenol	14.36	184	2193	1.85	ng/ul#	79
52) 4-Nitrophenol	14.46	109	11777	5.00	ng/ul	85
53) Dibenzofuran	14.65	168	106152	5.66	ng/ul	93
54) 2,4-Dinitrotoluene	14.62	165	19966	4.94	ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	14.88	232	13789	5.44	ng/ul#	92
56) Diethylphthalate	15.08	149	97176	6.11	ng/ul	96
58) Fluorene	15.30	166	91328	5.61	ng/ul	90
59) 4-Chlorophenyl-phenylether	15.30	204	42870	5.67	ng/ul	90
60) 4-Nitroaniline	15.32	138	19850	5.19	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.38	198	8512	3.57	ng/ul#	90
64) N-Nitrosodiphenylamine	15.51	169	77898	5.60	ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	25365	5.79	ng/ul	95
66) Hexachlorobenzene	16.30	284	28813	6.06	ng/ul#	87
67) Atrazine	16.47	200	26518	5.56	ng/ul	98
68) Pentachlorophenol	16.65	266	7975	3.39	ng/ul#	82
69) Phenanthrene	17.04	178	154686	6.14	ng/ul	98
71) Anthracene	17.13	178	156093	6.05	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	28022	4.82	ng/uL	96
73) Pentachlorobenzene	14.56	250	33822	6.07	ng/uL	88
74) Carbazole	17.40	167	138116	6.14	ng/ul	96
75) Di-n-butylphthalate	17.98	149	160678	5.69	ng/ul#	94
76) Fluoranthene	19.07	202	166809	6.52	ng/ul	95
79) Pyrene	19.43	202	186665	6.65	ng/ul	98
80) Butylbenzylphthalate	20.35	149	56720	5.00	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.12	252	32176	4.71	ng/ul	97
82) Benzo(a)anthracene	21.18	228	155739	6.19	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.13	149	83280	5.30	ng/ul	96
84) Chrysene	21.23	228	147673	6.11	ng/ul	98
86) Di-n-octyl phthalate	22.00	149	117361	4.72	ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	136219	5.82	ng/ul	95
88) Benzo(k)fluoranthene	22.79	252	145710	6.04	ng/ul	98
90) Benzo(a)pyrene	23.32	252	149722	6.37	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.65	276	144940	5.76	ng/ul	96
92) Dibenzo(a,h)anthracene	25.68	278	127527	5.96	ng/ul	94
93) Benzo(g,h,i)perylene	26.34	276	126627	6.02	ng/ul	99

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



#2

1,4-Dioxane

Concen: 0.83 ng/uL

RT: 3.15 min Scan# 79

Delta R.T. 0.01 min

Lab File: BG017896.D

Acq: 15 Jul 2015 21:52

Instrument :

BNA_G

ClientSampleId :

MDL-02-W

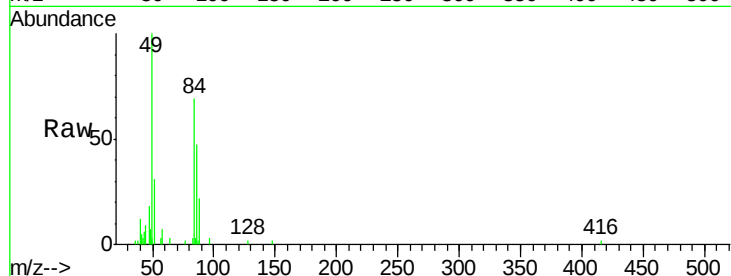
Tgt Ion: 88 Resp: 1844

Ion Ratio Lower Upper

88 100

43 29.2 26.4 39.6

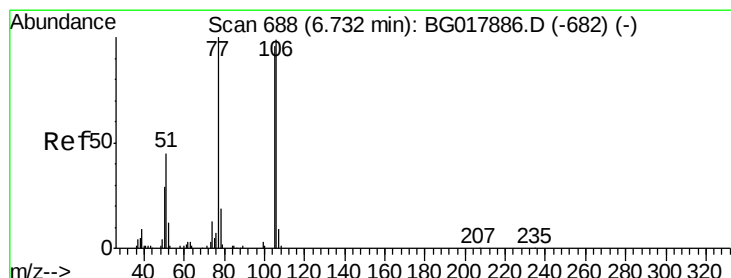
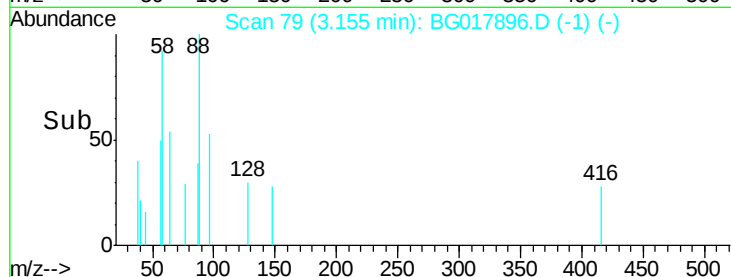
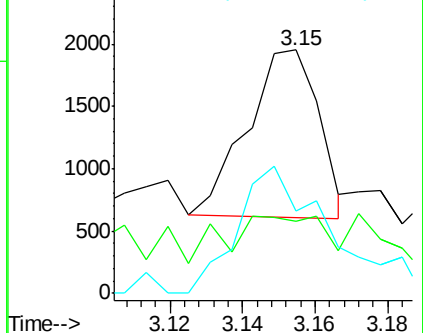
58 91.5 61.5 92.3



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: 6.06 ng/uL

RT: 6.73 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG017896.D

Acq: 15 Jul 2015 21:52

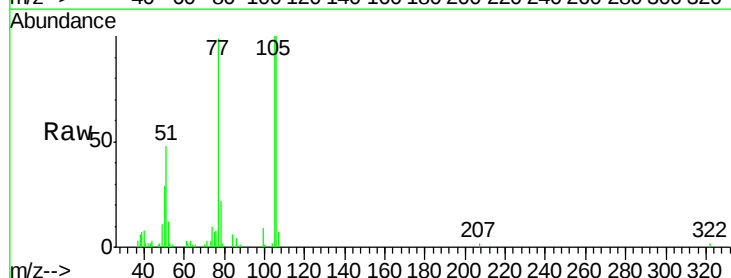
Tgt Ion: 77 Resp: 22699

Ion Ratio Lower Upper

77 100

105 101.3 69.1 103.7

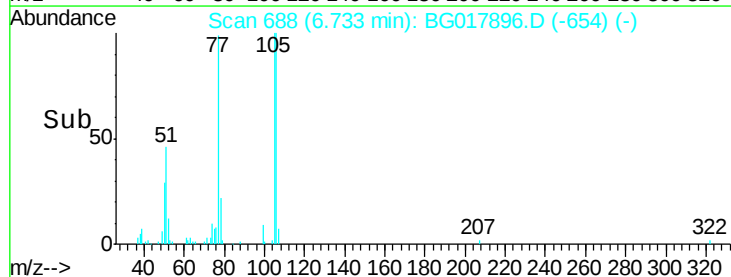
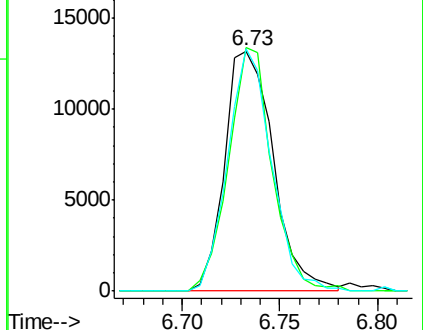
106 101.0 69.3 103.9

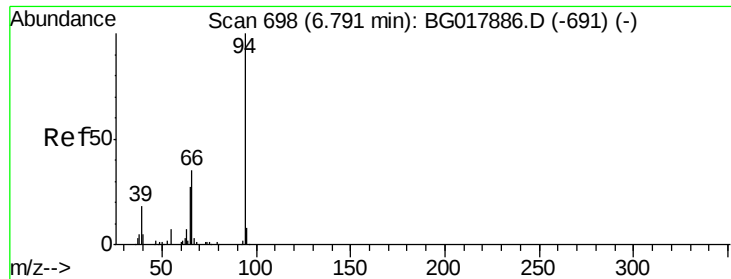


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 4.57 ng/ul

RT: 6.79 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG017896.D

Acq: 15 Jul 2015 21:52

Instrument :

BNA_G

ClientSampleId :

MDL-02-W

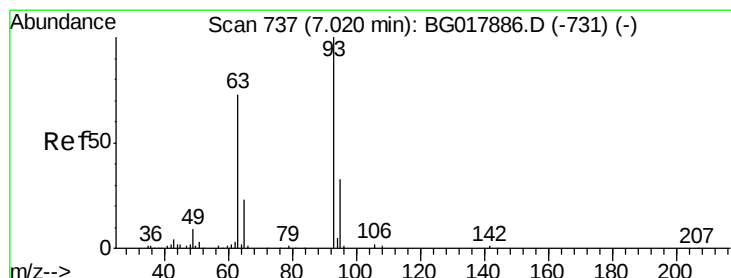
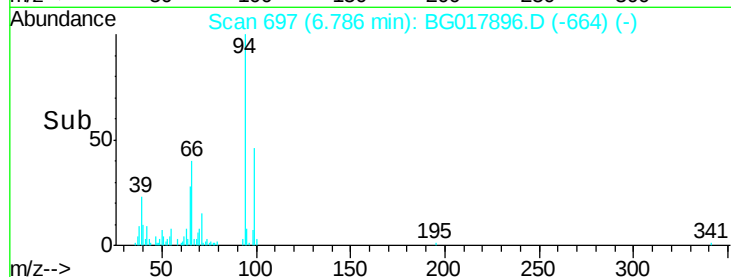
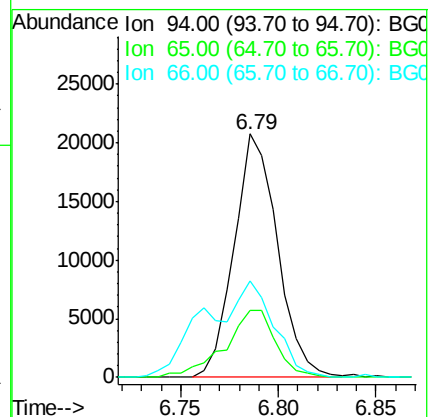
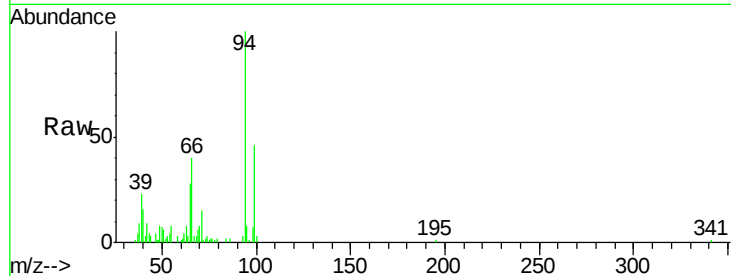
Tgt Ion: 94 Resp: 32021

Ion Ratio Lower Upper

94 100

65 27.6 25.0 37.4

66 39.8 31.7 47.5



#8

Bis(2-Chloroethyl)ether

Concen: 4.57 ng/ul

RT: 7.02 min Scan# 737

Delta R.T. 0.00 min

Lab File: BG017896.D

Acq: 15 Jul 2015 21:52

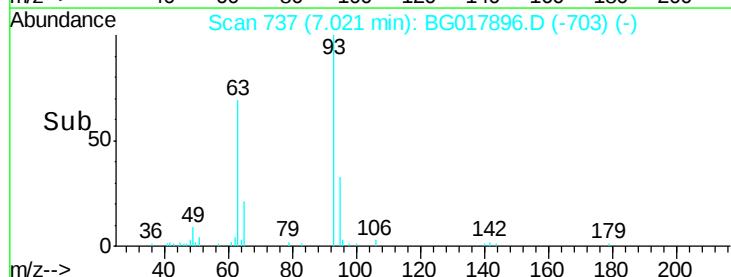
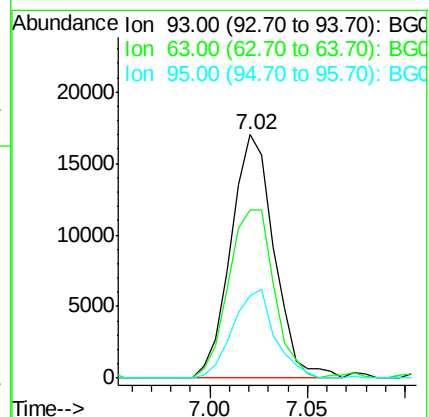
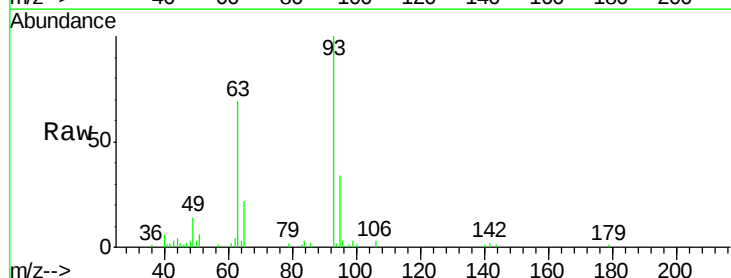
Tgt Ion: 93 Resp: 26151

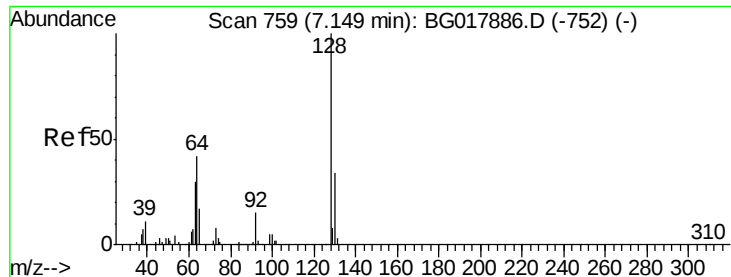
Ion Ratio Lower Upper

93 100

63 68.9 59.8 89.8

95 33.9 23.4 35.2

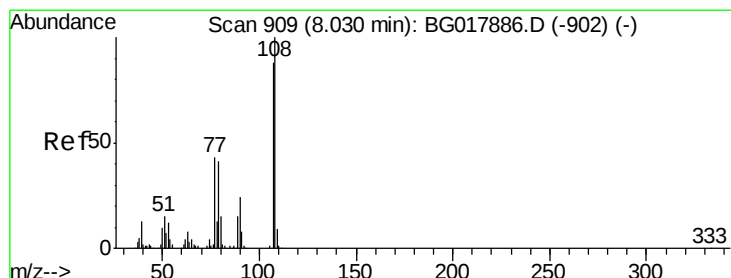
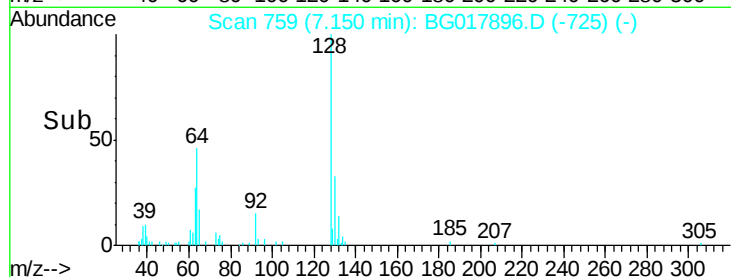
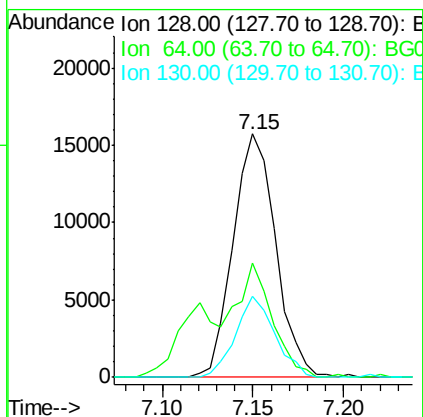
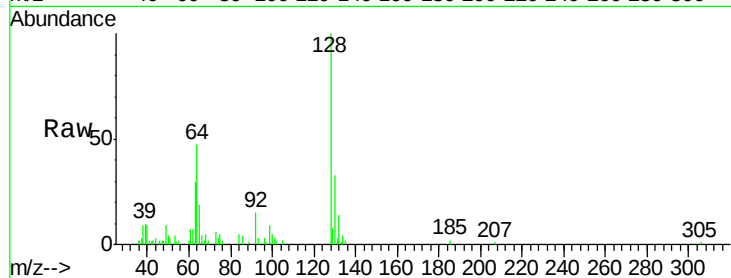




#10
2-Chlorophenol
Concen: 5.12 ng/ul
RT: 7.15 min Scan# 759
Delta R.T. 0.00 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

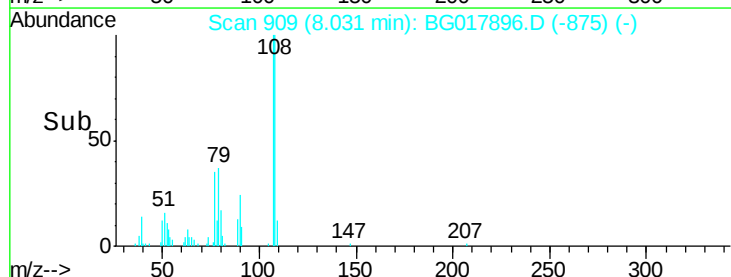
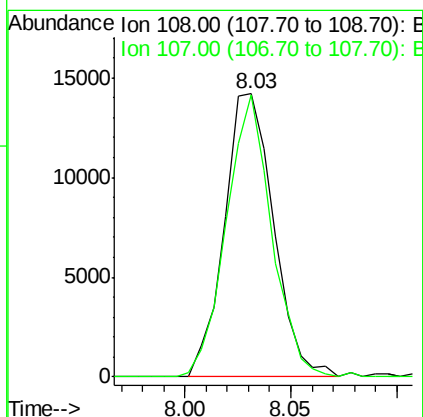
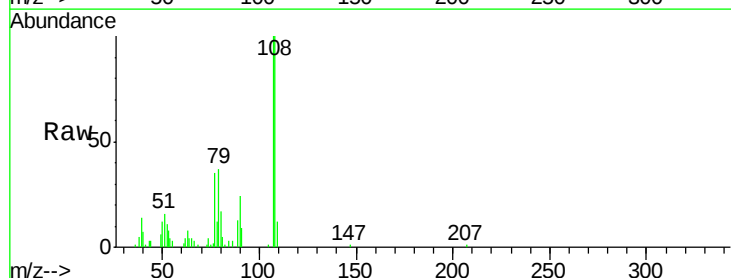
Instrument :
BNA_G
ClientSampleId :
MDL-02-W

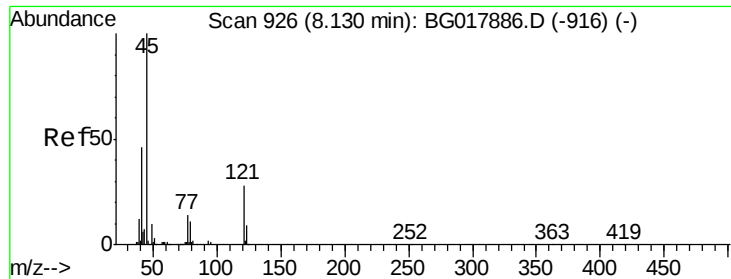
Tgt Ion	Ratio	Lower	Upper
128	100		
64	47.1	44.0	66.0
130	33.1	25.9	38.9



#11
2-Methylphenol
Concen: 4.49 ng/ul
RT: 8.03 min Scan# 909
Delta R.T. 0.00 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

Tgt Ion	Ratio	Lower	Upper
108	100		
107	99.7	72.1	108.1

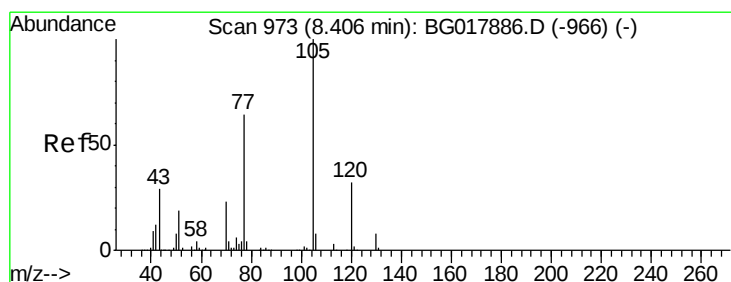
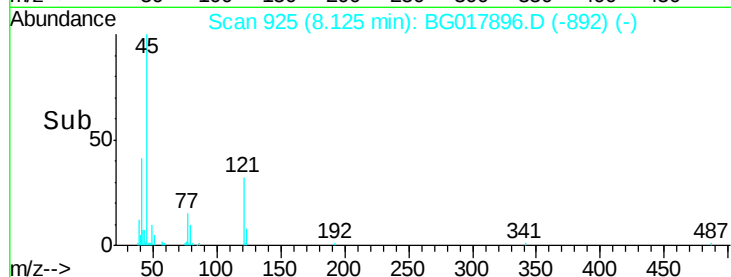
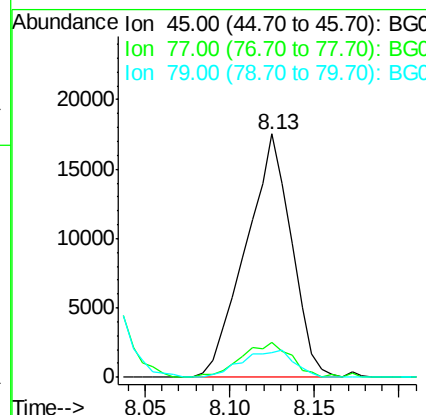
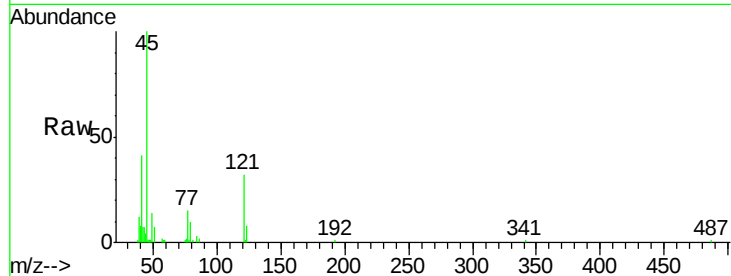




#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.96 ng/ul
RT: 8.13 min Scan# 925
Delta R.T. -0.01 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

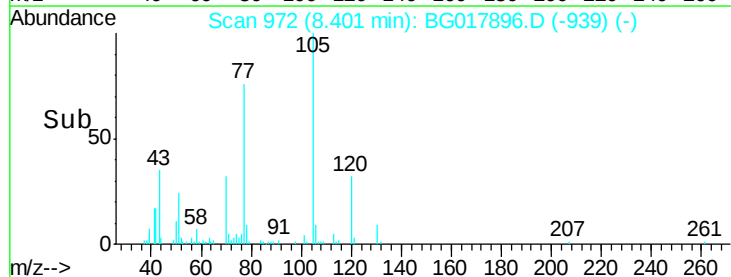
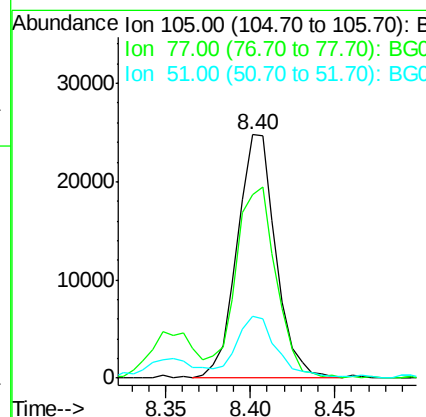
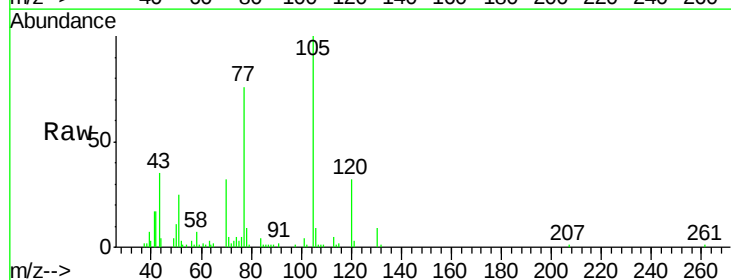
Instrument :
BNA_G
ClientSampleId :
MDL-02-W

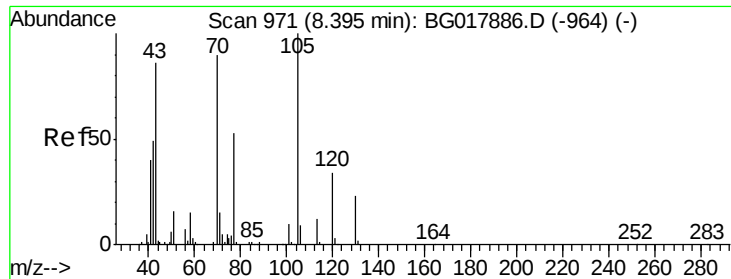
Tgt Ion: 45 Resp: 32938
Ion Ratio Lower Upper
45 100
77 14.6 12.6 19.0
79 10.2 9.3 13.9



#14
Acetophenone
Concen: 4.83 ng/ul
RT: 8.40 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

Tgt Ion: 105 Resp: 39418
Ion Ratio Lower Upper
105 100
77 75.5 71.9 107.9
51 25.5 25.0 37.6

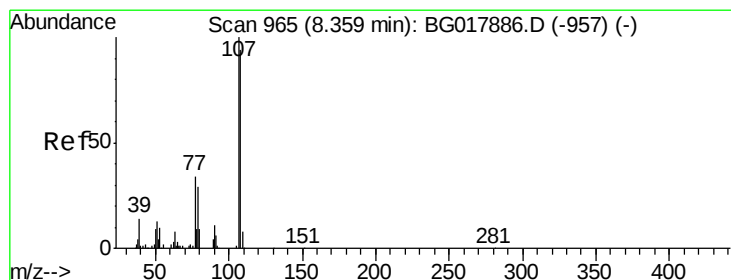
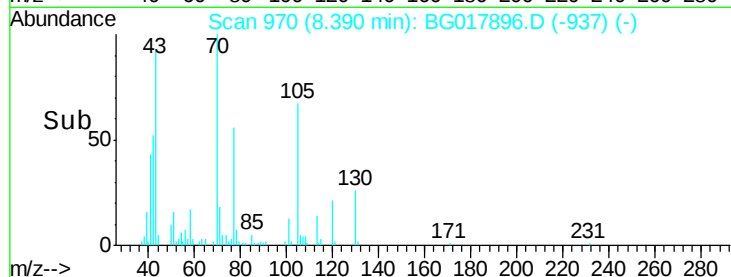
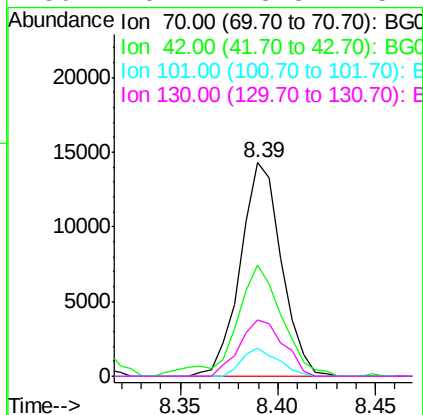
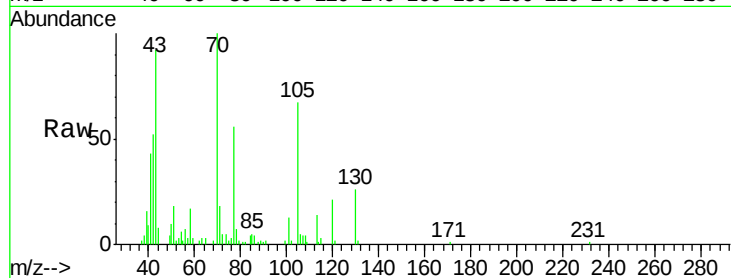




#15
N-Nitroso-di-n-propylamine
Concen: 4.15 ng/ul
RT: 8.39 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

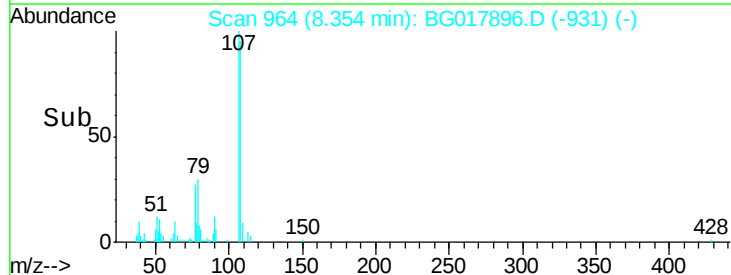
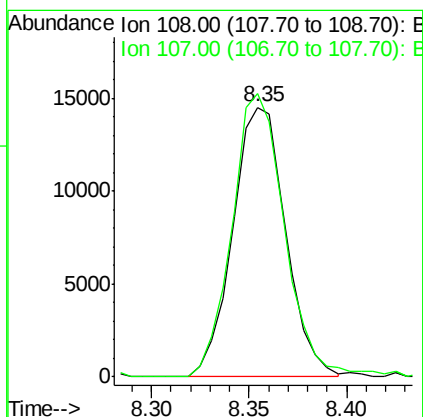
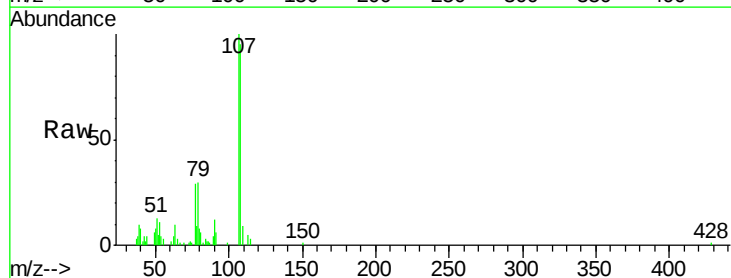
Instrument :
BNA_G
ClientSampleId :
MDL-02-W

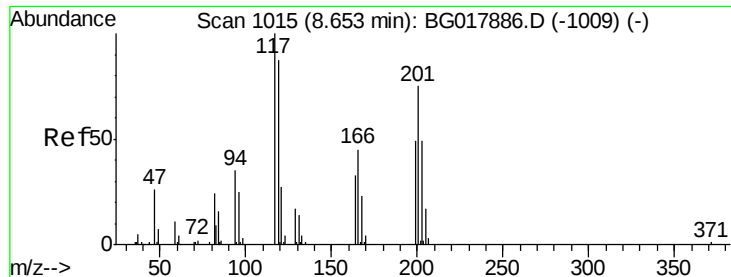
Tgt Ion:	70	Resp:	20870
Ion	Ratio	Lower	Upper
70	100		
42	52.1	51.1	76.7
101	13.1	9.8	14.8
130	26.2	18.8	28.2



#16
4-Methylphenol
Concen: 4.90 ng/ul
RT: 8.35 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

Tgt Ion:	108	Resp:	27198
Ion	Ratio	Lower	Upper
108	100		
107	104.9	85.8	128.6

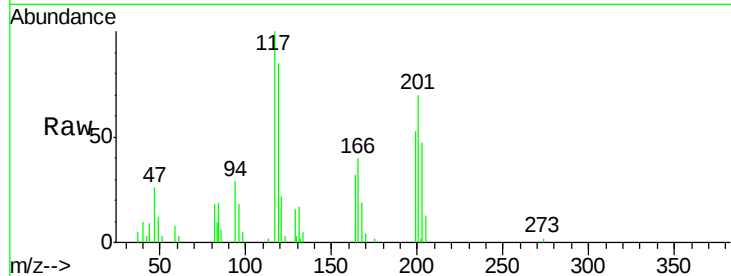




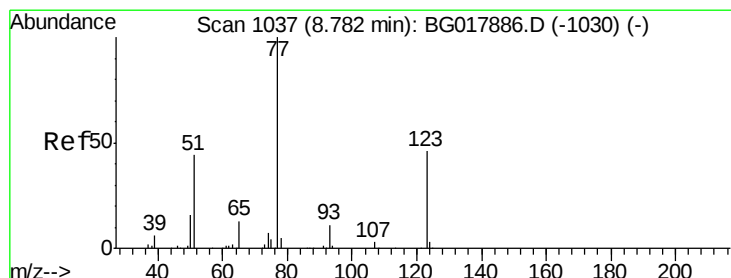
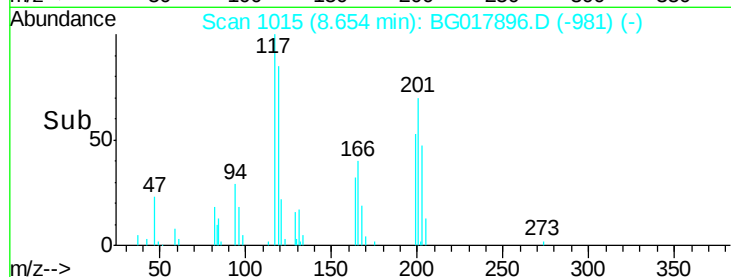
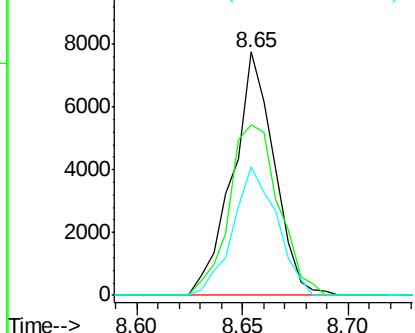
#17
Hexachloroethane
Concen: 4.42 ng/ul
RT: 8.65 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

Instrument :
BNA_G
ClientSampleId :
MDL-02-W

Tgt Ion:117 Resp: 10579
Ion Ratio Lower Upper
117 100
201 70.0 57.8 86.8
199 52.9 37.2 55.8

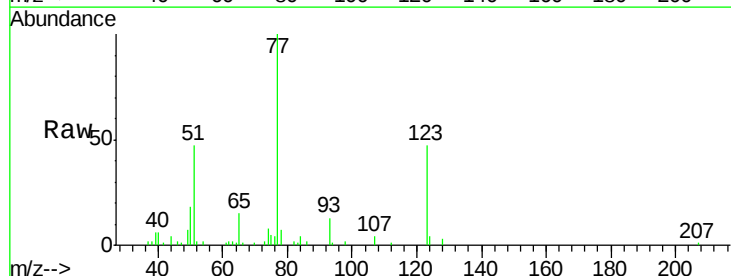


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

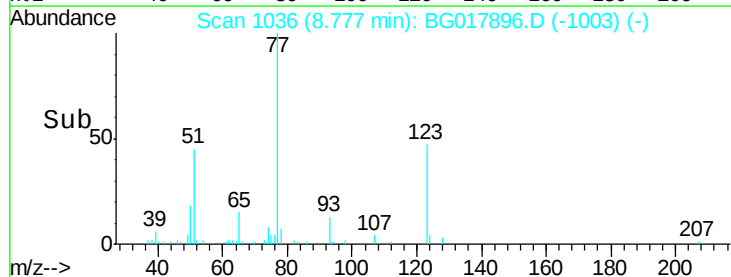
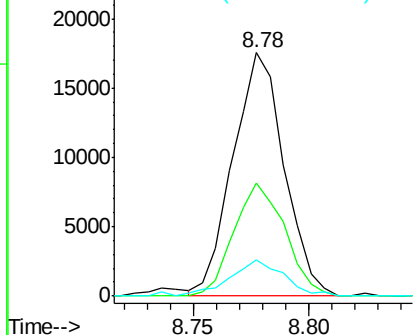


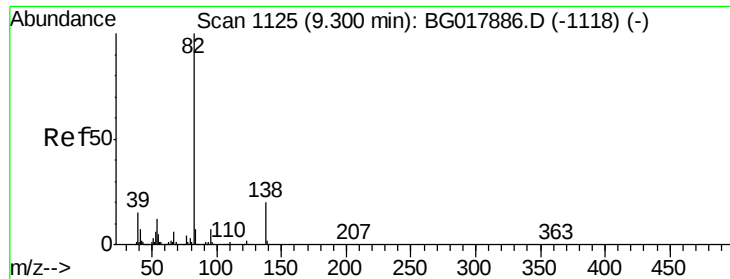
#20
Nitrobenzene
Concen: 3.77 ng/ul
RT: 8.78 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

Tgt Ion: 77 Resp: 27107
Ion Ratio Lower Upper
77 100
123 46.6 32.0 48.0
65 15.1 11.3 16.9



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

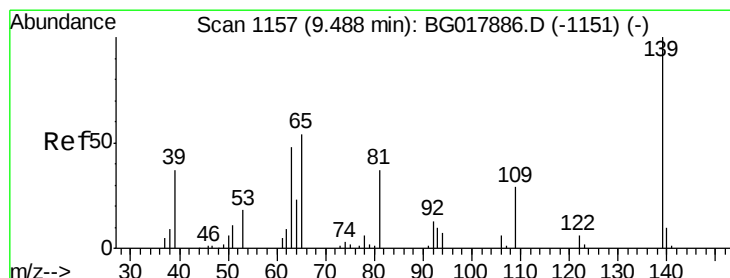
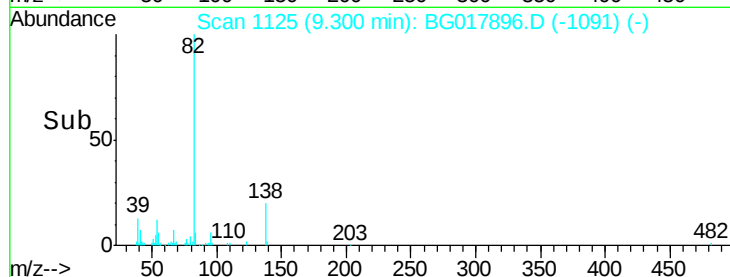
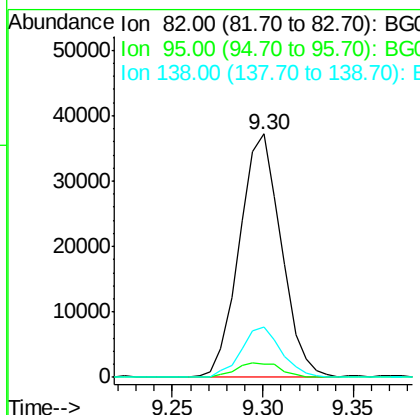
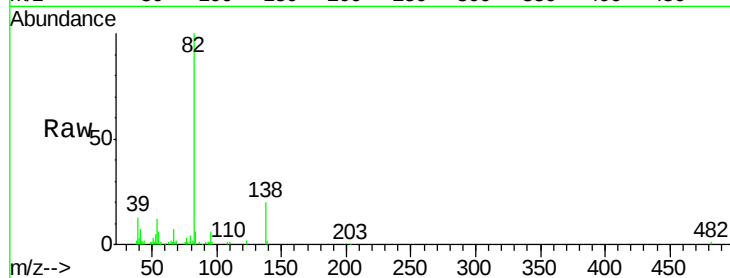




#21
Isophorone
Concen: 4.43 ng/ul
RT: 9.30 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

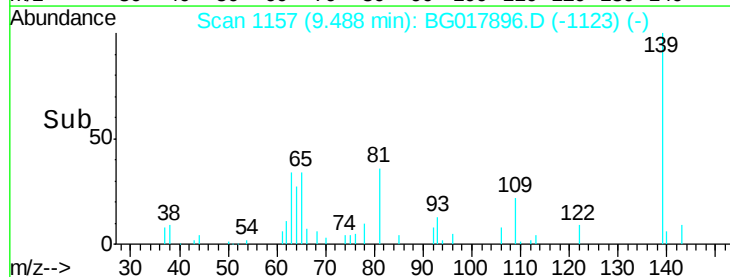
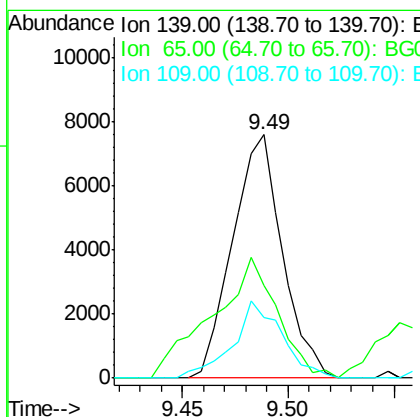
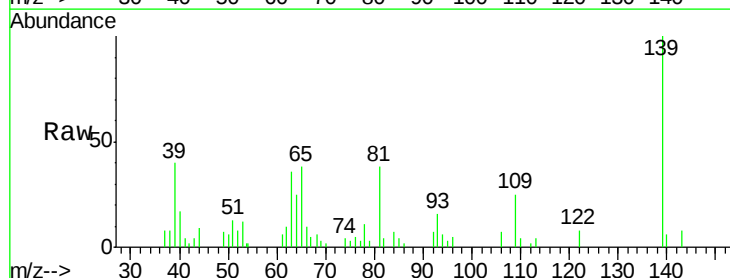
Instrument :
BNA_G
ClientSampleId :
MDL-02-W

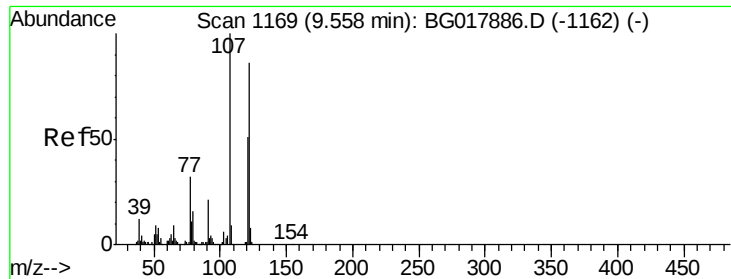
Tgt Ion: 82 Resp: 59613
Ion Ratio Lower Upper
82 100
95 5.7 5.9 8.9#
138 20.5 14.7 22.1



#23
2-Nitrophenol
Concen: 5.12 ng/ul
RT: 9.49 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

Tgt Ion: 139 Resp: 12457
Ion Ratio Lower Upper
139 100
65 38.1 46.1 69.1#
109 24.8 24.1 36.1

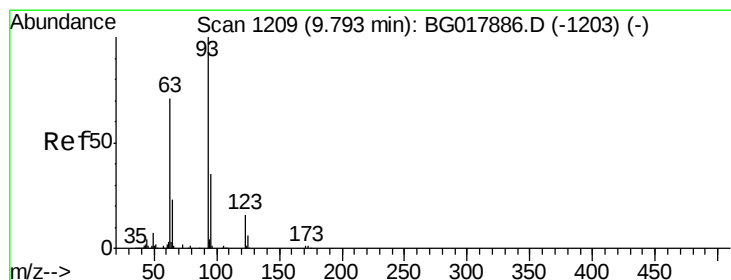
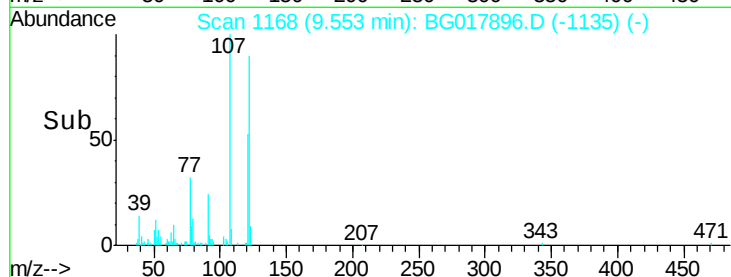
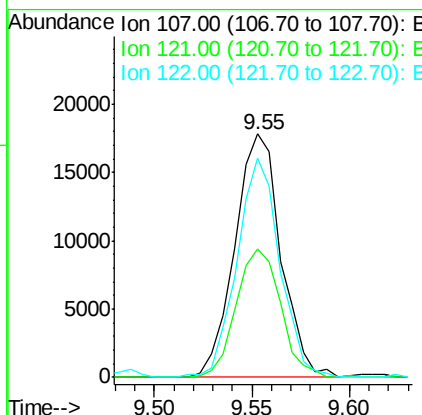
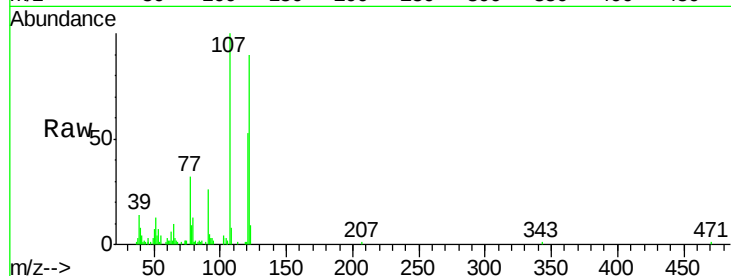




#24
 2,4-Dimethylphenol
 Concen: 4.67 ng/ul
 RT: 9.55 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BG017896.D
 Acq: 15 Jul 2015 21:52

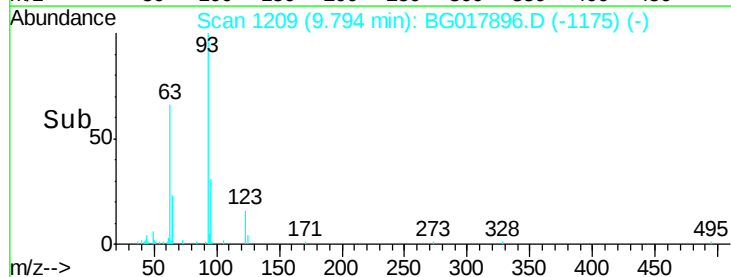
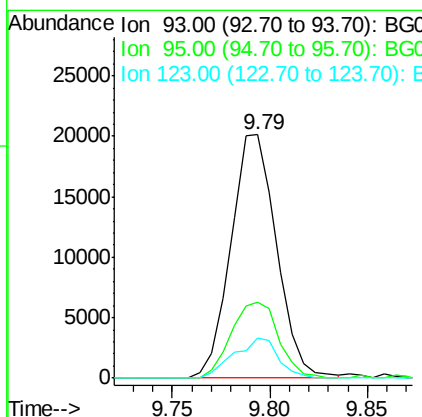
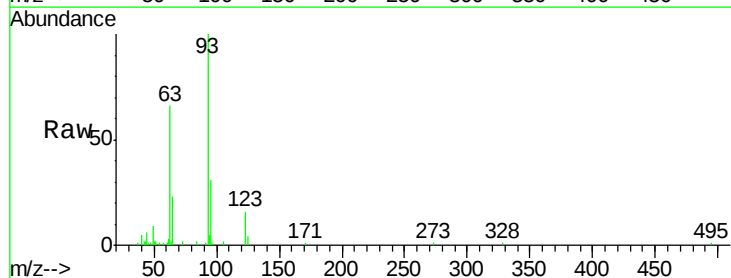
Instrument :
 BNA_G
 ClientSampleId :
 MDL-02-W

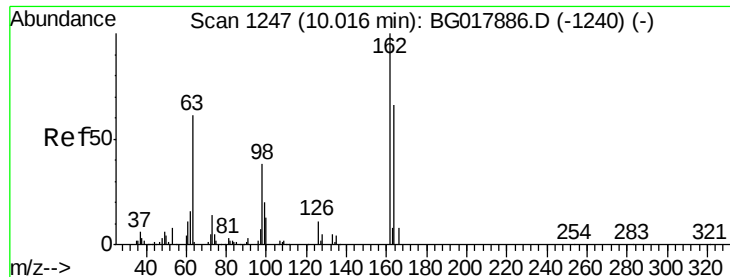
Tgt Ion: 107 Resp: 29072
 Ion Ratio Lower Upper
 107 100
 121 52.6 38.3 57.5
 122 90.2 66.6 100.0



#25
 Bis(2-Chloroethoxy)methane
 Concen: 4.31 ng/ul
 RT: 9.79 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BG017896.D
 Acq: 15 Jul 2015 21:52

Tgt Ion: 93 Resp: 32615
 Ion Ratio Lower Upper
 93 100
 95 31.3 26.0 39.0
 123 16.3 12.0 18.0

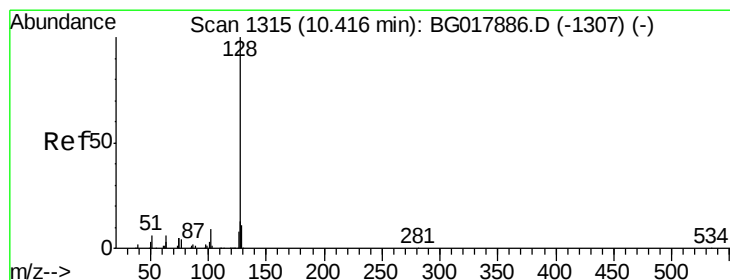
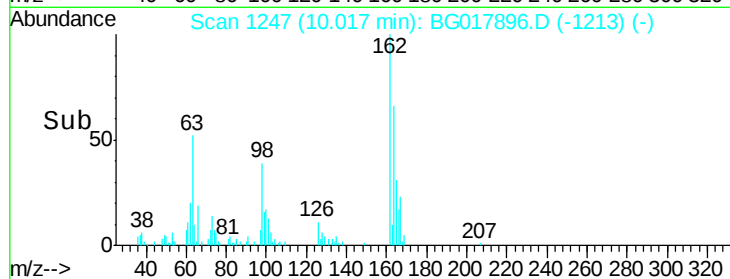
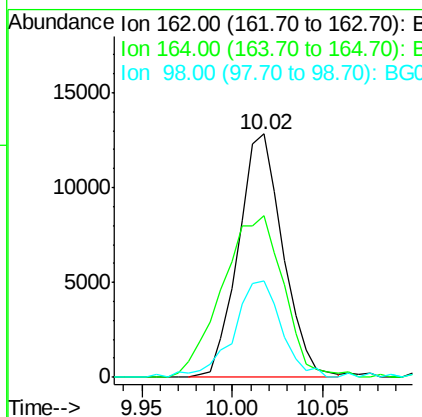
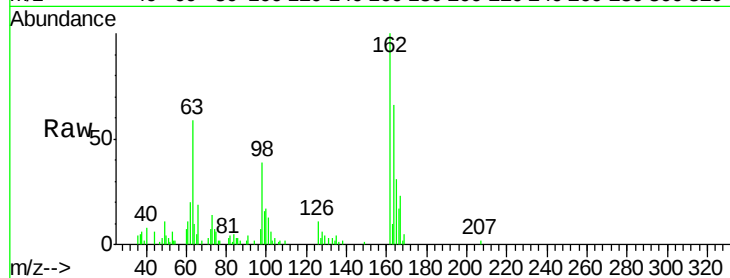




#27
2,4-Dichlorophenol
Concen: 5.16 ng/ul
RT: 10.02 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

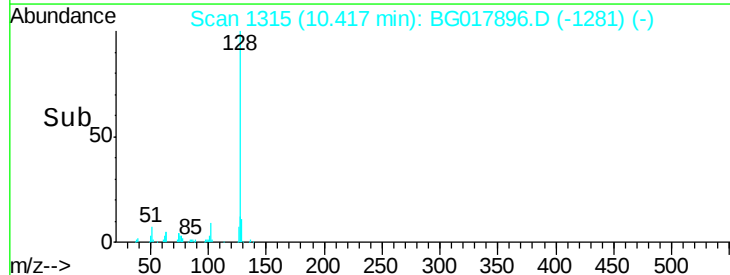
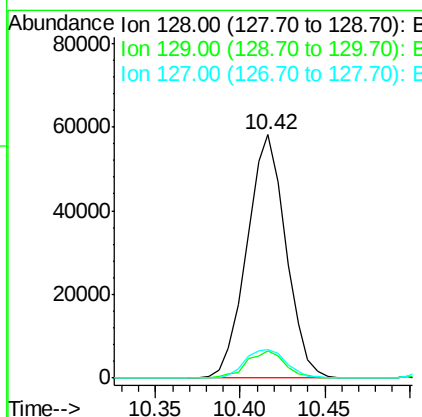
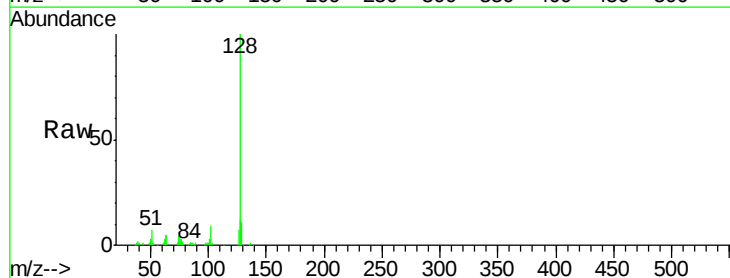
Instrument :
BNA_G
ClientSampleId :
MDL-02-W

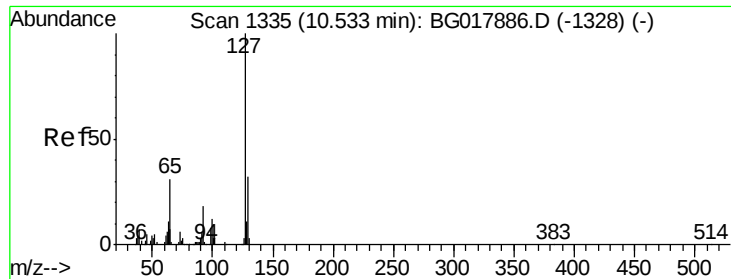
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.4	51.0	76.6
98	39.4	32.7	49.1



#28
Naphthalene
Concen: 5.16 ng/ul
RT: 10.42 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	11.7	11.0	16.6

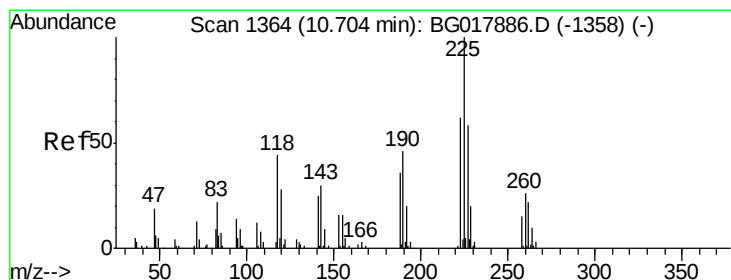
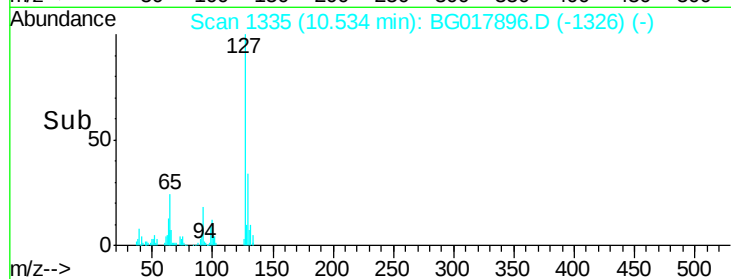
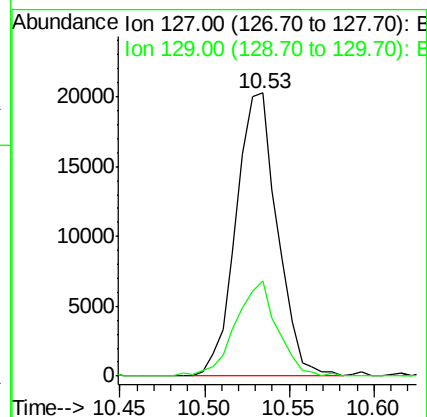
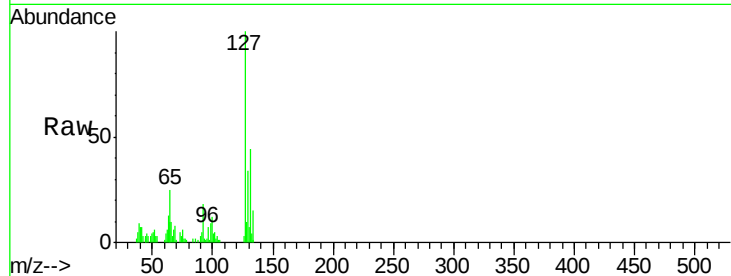




#30
4-Chloroaniline
Concen: 5.50 ng/ul
RT: 10.53 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

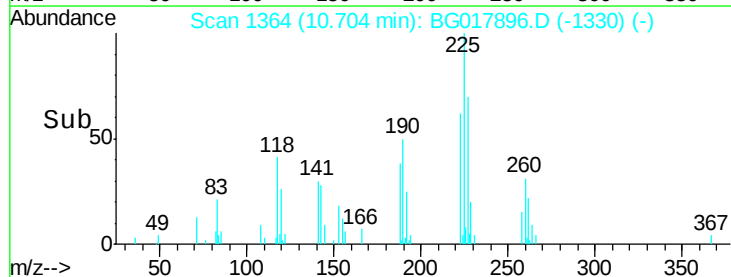
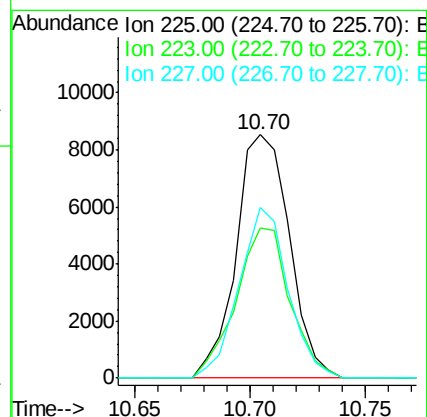
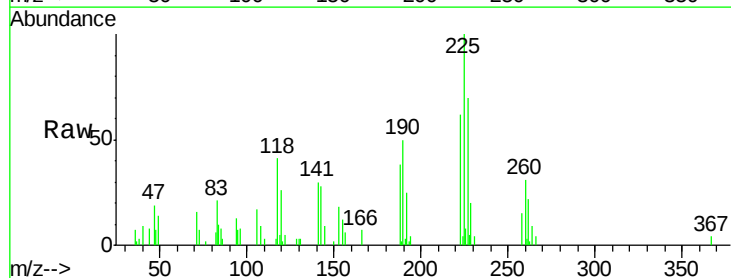
Instrument :
BNA_G
ClientSampleId :
MDL-02-W

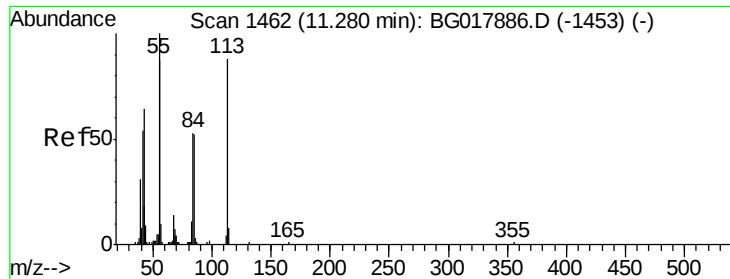
Tgt Ion:127 Resp: 34543
Ion Ratio Lower Upper
127 100
129 33.6 26.0 39.0



#31
Hexachlorobutadiene
Concen: 5.13 ng/ul
RT: 10.70 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

Tgt Ion:225 Resp: 13697
Ion Ratio Lower Upper
225 100
223 61.6 48.6 73.0
227 70.3 46.1 69.1#





#32

Caprolactam

Concen: 0.02 ng/ul

RT: 11.43 min Scan# 1488

Delta R.T. 0.15 min

Lab File: BG017896.D

Acq: 15 Jul 2015 21:52

Instrument :

BNA_G

ClientSampleId :

MDL-02-W

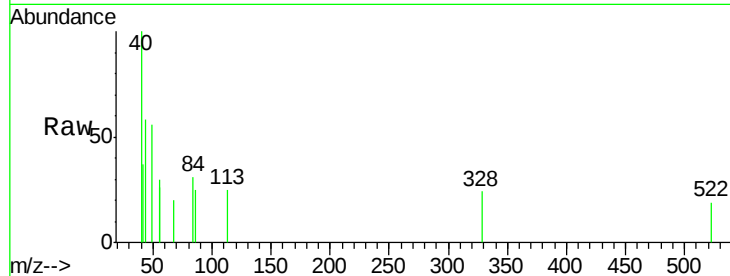
Tgt Ion:113 Resp: 72

Ion Ratio Lower Upper

113 100

55 121.0 118.2 177.2

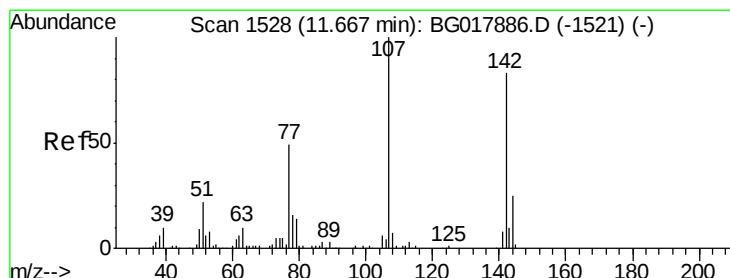
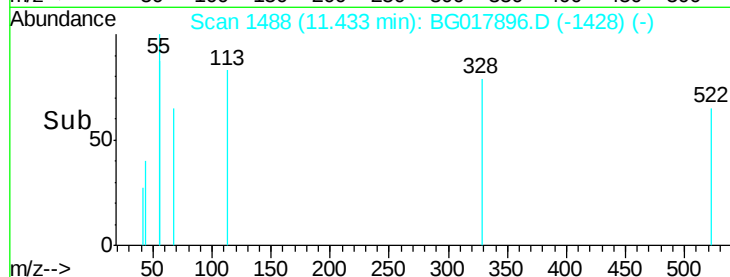
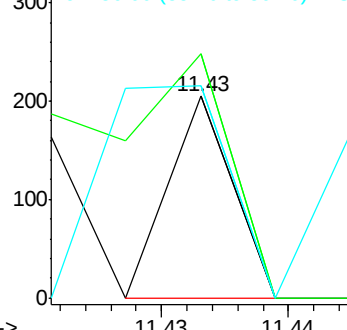
56 104.9 89.8 134.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG017886.D

Ion 56.00 (55.70 to 56.70): BG017886.D



#33

4-Chloro-3-methylphenol

Concen: 4.55 ng/ul

RT: 11.67 min Scan# 1528

Delta R.T. 0.00 min

Lab File: BG017896.D

Acq: 15 Jul 2015 21:52

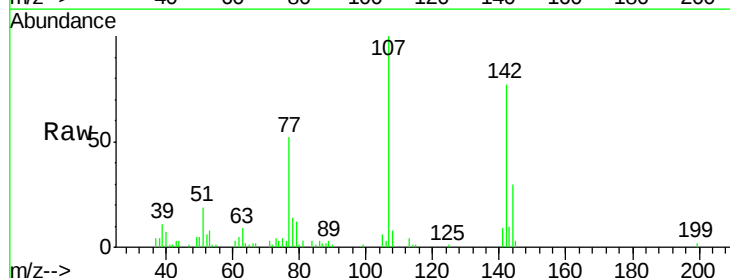
Tgt Ion:107 Resp: 23666

Ion Ratio Lower Upper

107 100

144 30.1 16.6 24.8#

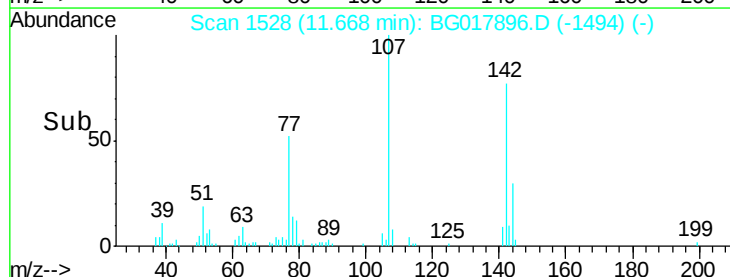
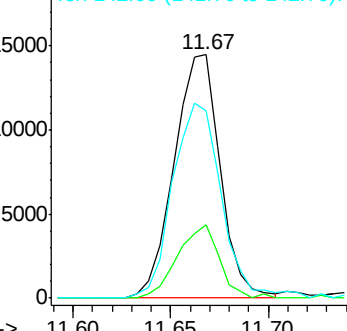
142 77.1 59.8 89.6

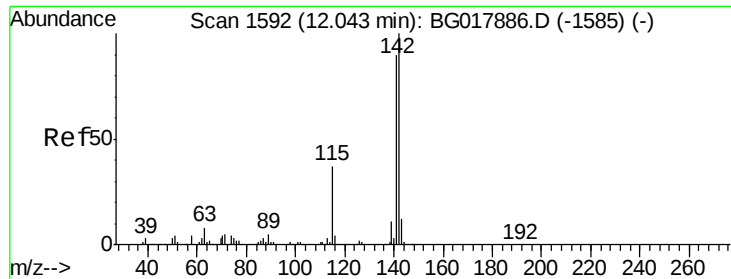


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

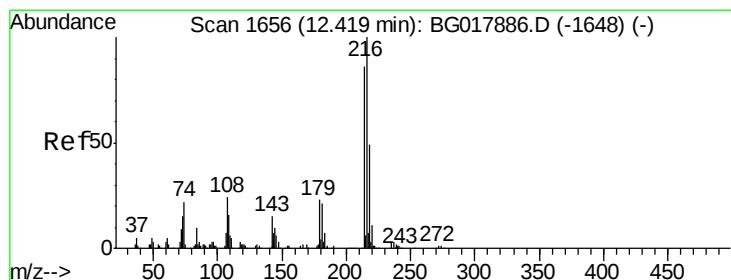
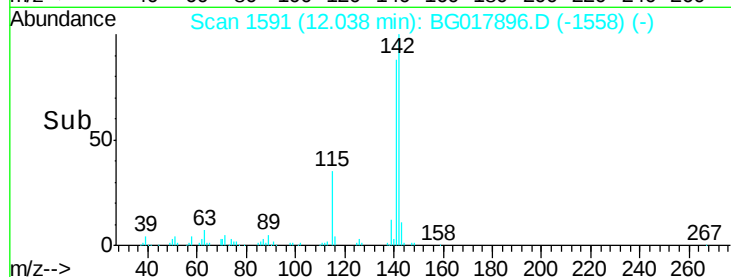
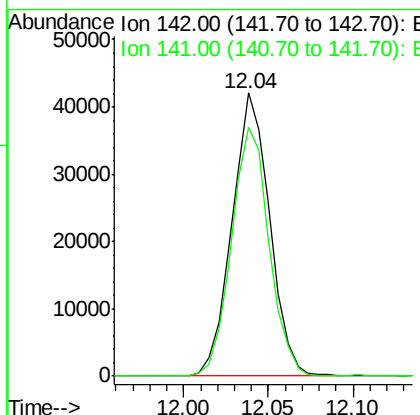
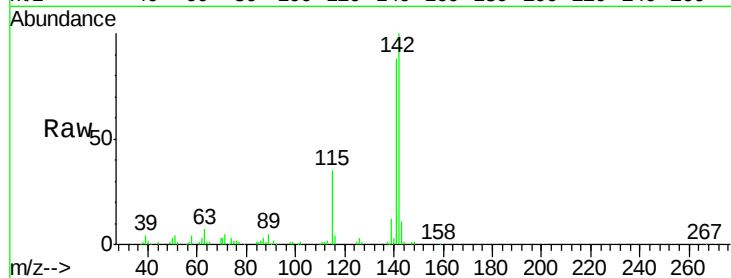




#34
2-Methylnaphthalene
Concen: 5.30 ng/ul
RT: 12.04 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

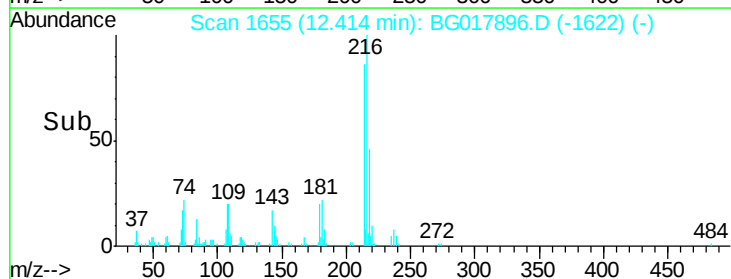
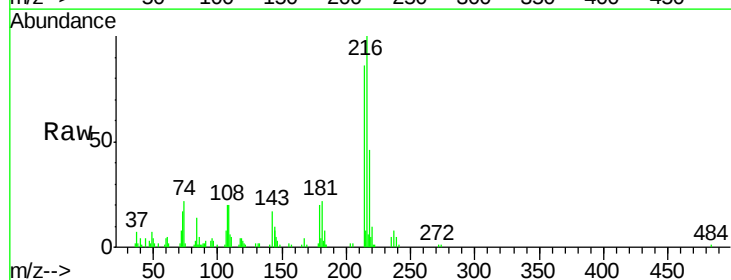
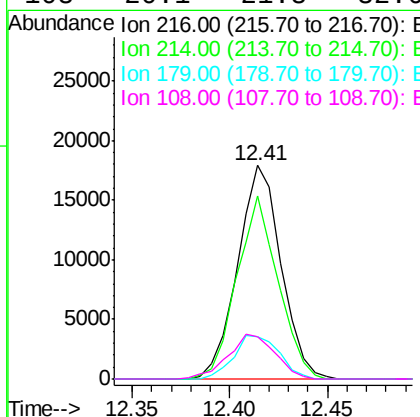
Instrument :
BNA_G
ClientSampleId :
MDL-02-W

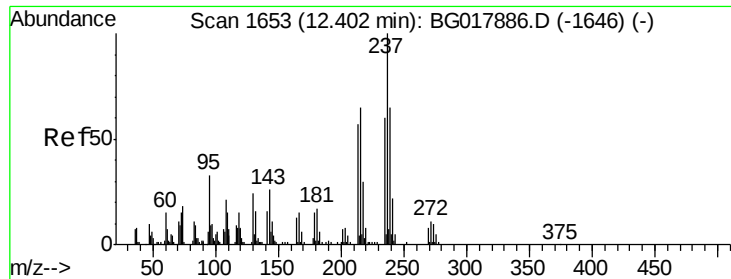
Tgt Ion:142 Resp: 65024
Ion Ratio Lower Upper
142 100
141 87.7 72.6 108.8



#36
1,2,4,5-Tetrachlorobenzene
Concen: 4.97 ng/ul
RT: 12.41 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

Tgt Ion:216 Resp: 27599
Ion Ratio Lower Upper
216 100
214 85.6 68.2 102.2
179 19.9 17.2 25.8
108 20.1 21.8 32.6#

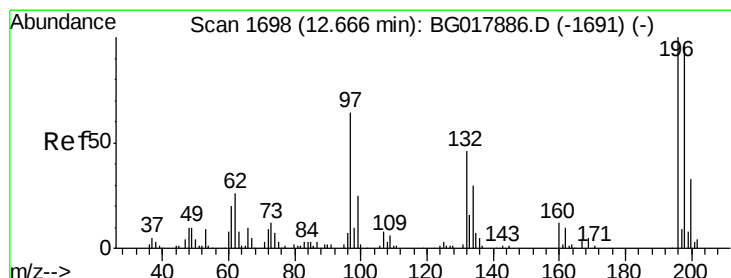
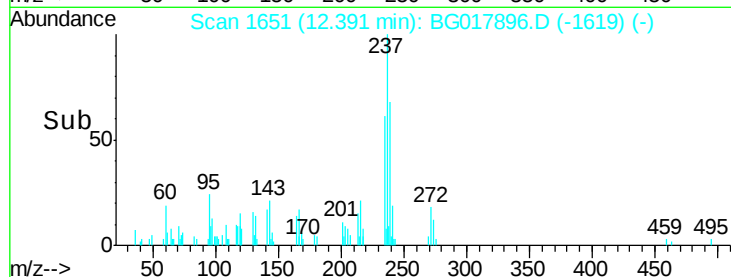
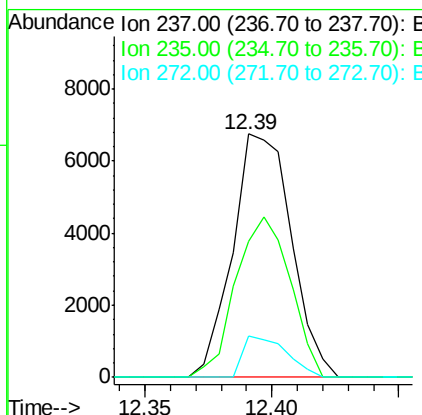
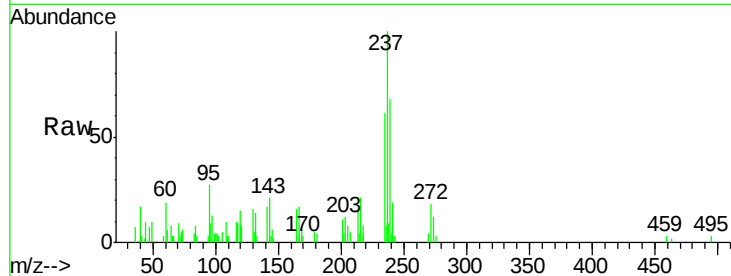




#37
Hexachlorocyclopentadiene
Concen: 3.77 ng/ul
RT: 12.39 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

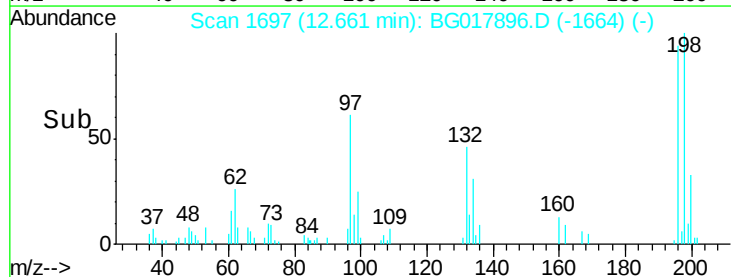
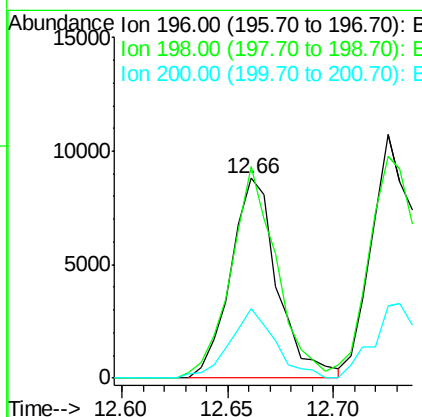
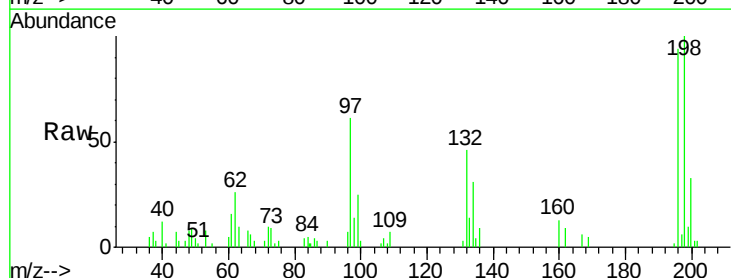
Instrument :
BNA_G
ClientSampled :
MDL-02-W

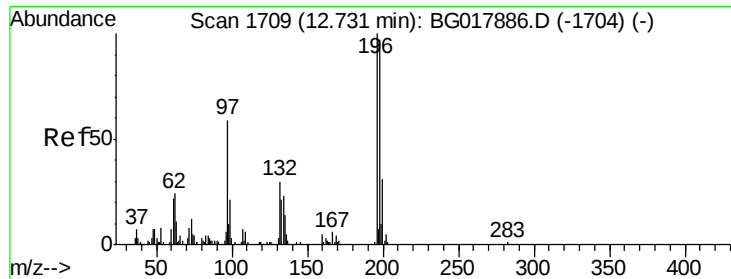
Tgt Ion: 237 Resp: 10881
Ion Ratio Lower Upper
237 100
235 55.9 52.4 78.6
272 16.8 9.1 13.7#



#38
2,4,6-Trichlorophenol
Concen: 4.49 ng/ul
RT: 12.66 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

Tgt Ion: 196 Resp: 13537
Ion Ratio Lower Upper
196 100
198 105.9 69.0 103.4#
200 34.8 22.2 33.4#

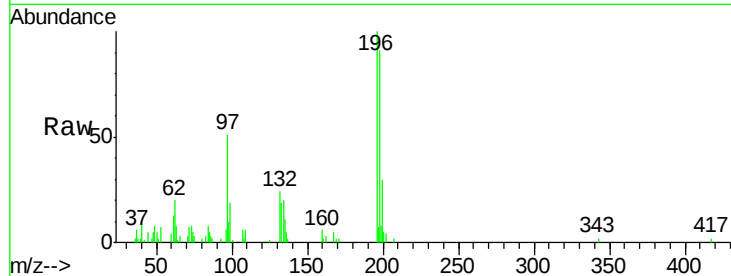




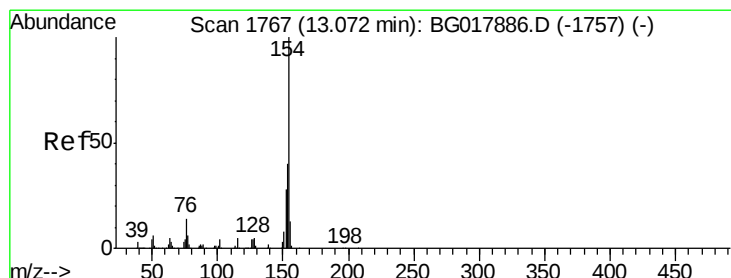
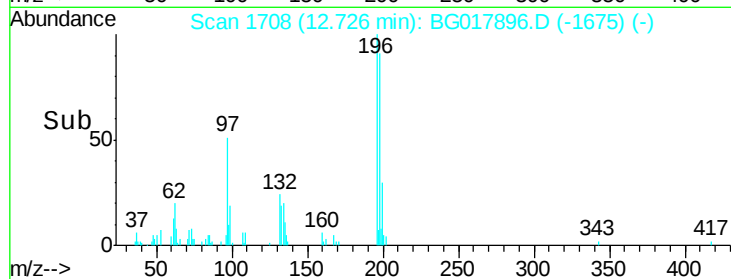
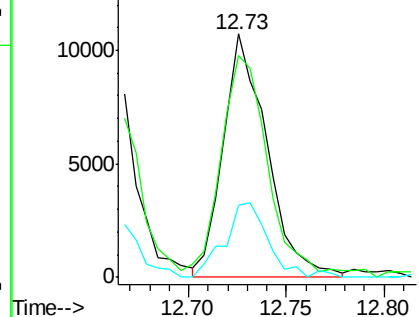
#39
 2,4,5-Trichlorophenol
 Concen: 5.08 ng/ul
 RT: 12.73 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG017896.D
 Acq: 15 Jul 2015 21:52

Instrument :
 BNA_G
 ClientSampleId :
 MDL-02-W

Tgt Ion:196 Resp: 16696
 Ion Ratio Lower Upper
 196 100
 198 91.2 76.3 114.5
 200 34.6 25.4 38.0

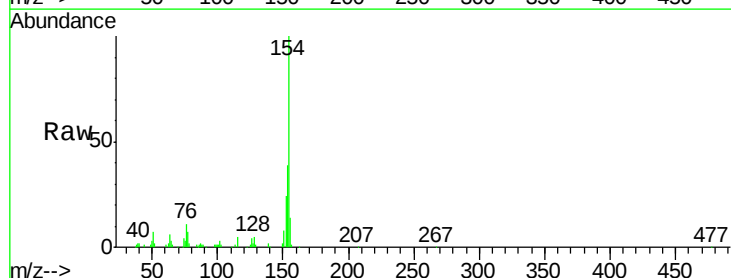


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

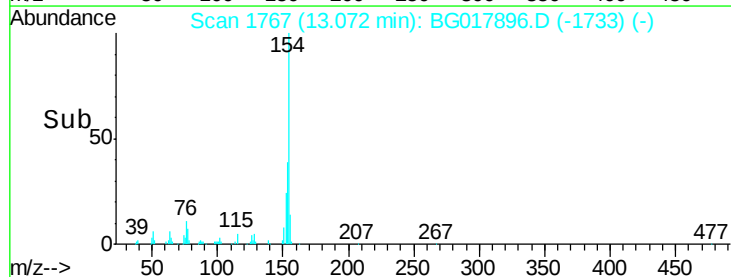
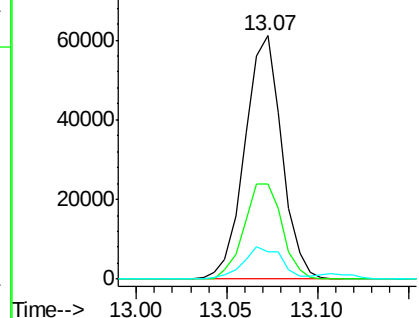


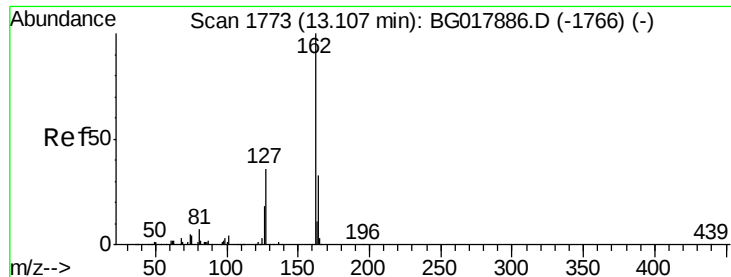
#40
 1,1'-Biphenyl
 Concen: 5.28 ng/ul
 RT: 13.07 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG017896.D
 Acq: 15 Jul 2015 21:52

Tgt Ion:154 Resp: 86295
 Ion Ratio Lower Upper
 154 100
 153 39.2 35.0 52.6
 76 11.5 14.0 21.0#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

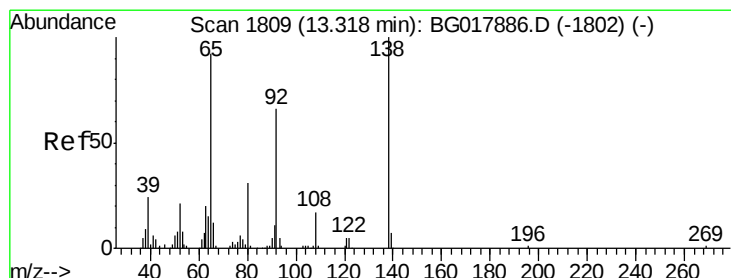
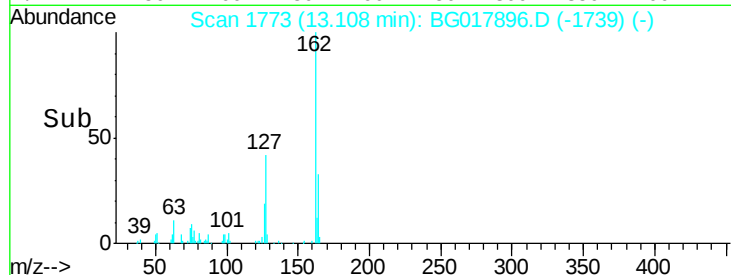
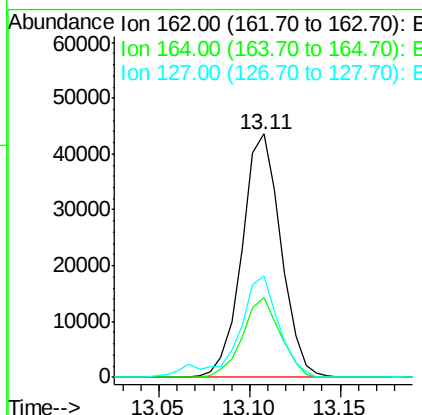
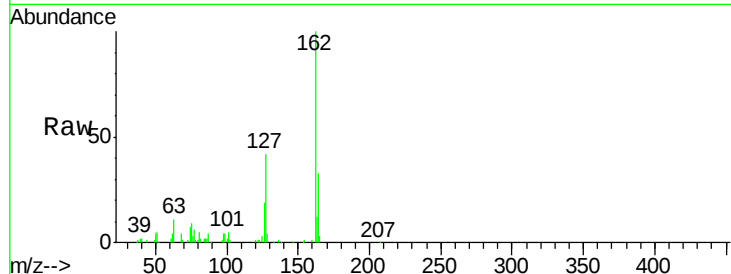




#41
2-Chloronaphthalene
Concen: 5.19 ng/ul
RT: 13.11 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

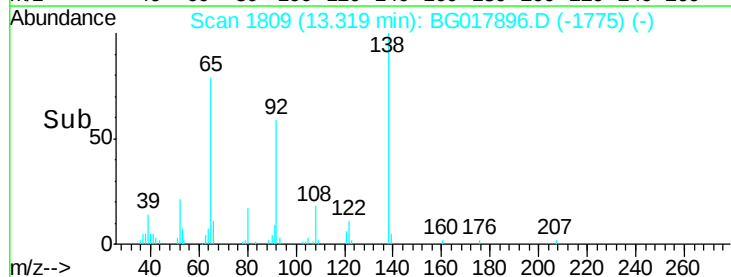
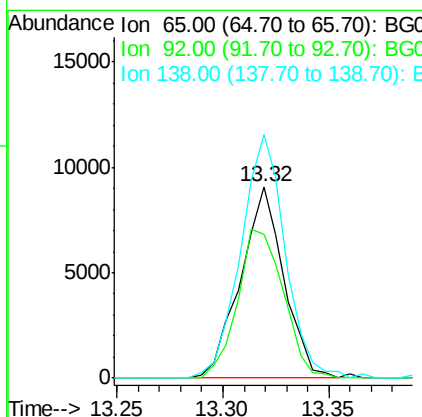
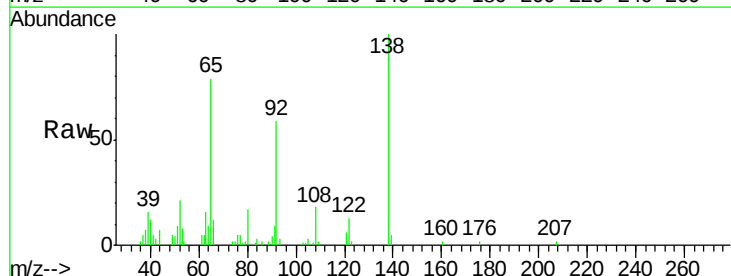
Instrument :
BNA_G
ClientSampleId :
MDL-02-W

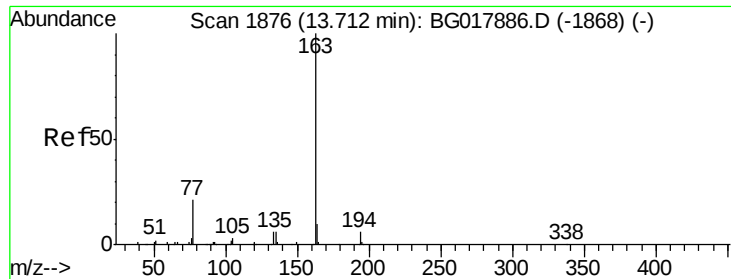
Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.7	22.9	34.3
127	41.8	32.7	49.1



#42
2-Nitroaniline
Concen: 3.52 ng/ul
RT: 13.32 min Scan# 1809
Delta R.T. 0.00 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.0	53.7	80.5
138	127.0	81.8	122.8#

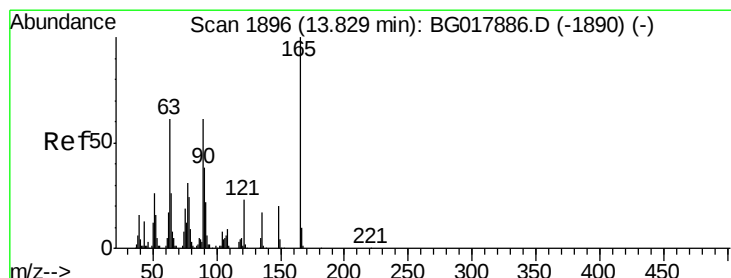
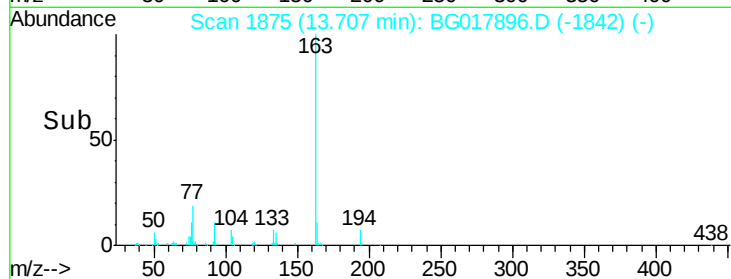
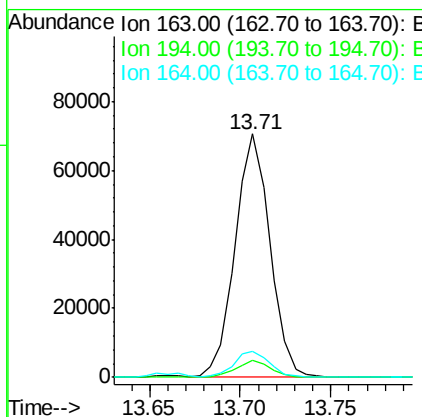
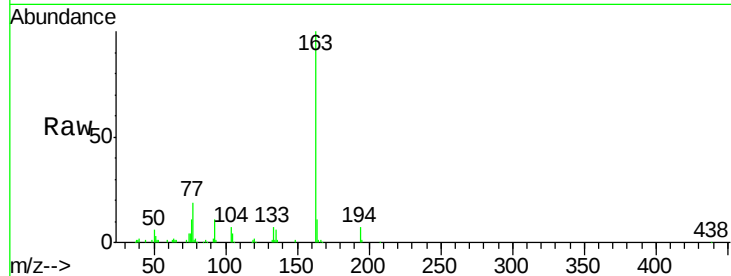




#44
Dimethylphthalate
Concen: 6.11 ng/ul
RT: 13.71 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

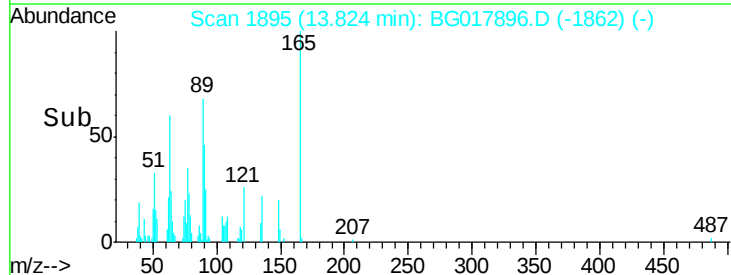
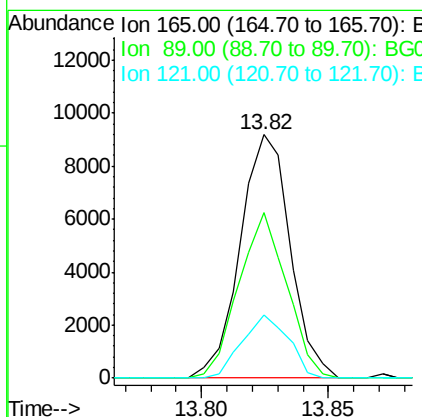
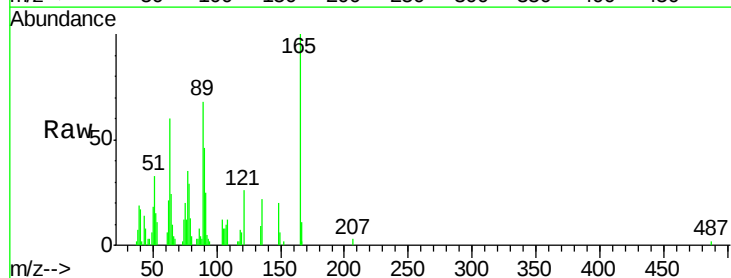
Instrument :
BNA_G
ClientSampleId :
MDL-02-W

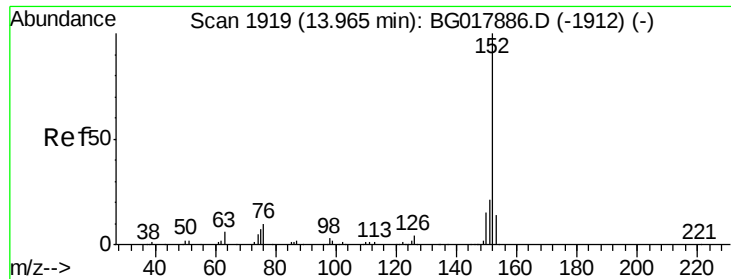
Tgt Ion:163 Resp: 94479
Ion Ratio Lower Upper
163 100
194 7.1 5.4 8.0
164 10.9 8.0 12.0



#45
2,6-Dinitrotoluene
Concen: 4.48 ng/ul
RT: 13.82 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

Tgt Ion:165 Resp: 12608
Ion Ratio Lower Upper
165 100
89 67.9 55.4 83.2
121 25.7 20.6 30.8

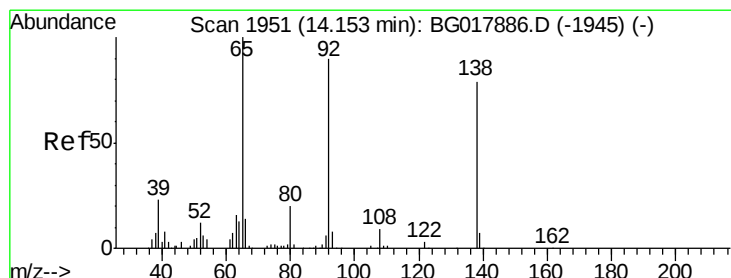
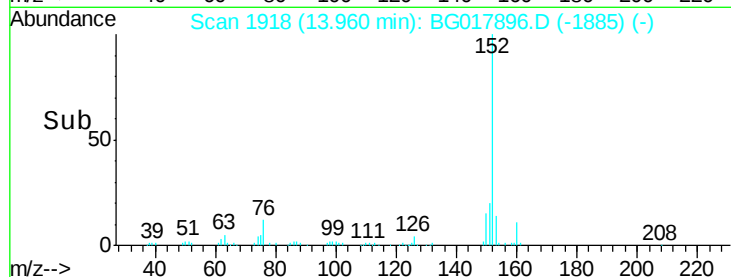
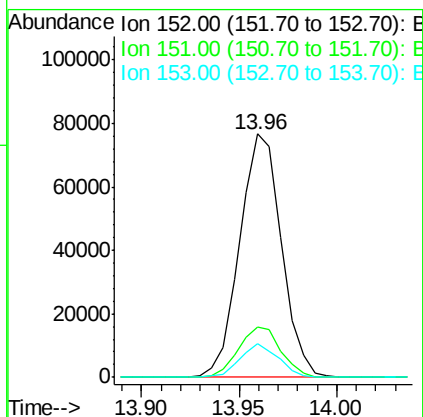
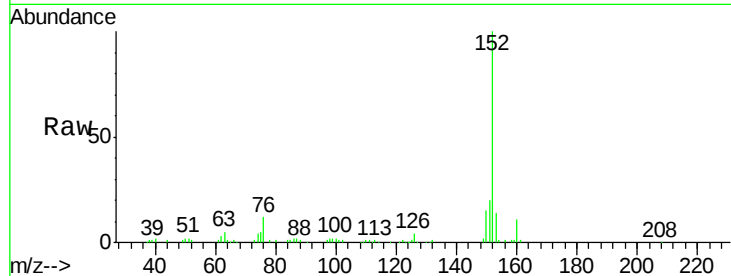




#47
Acenaphthylene
Concen: 5.38 ng/ul
RT: 13.96 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

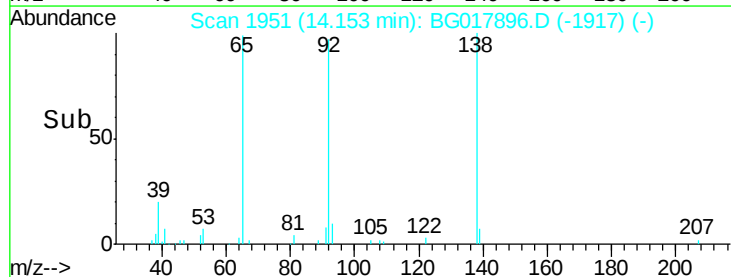
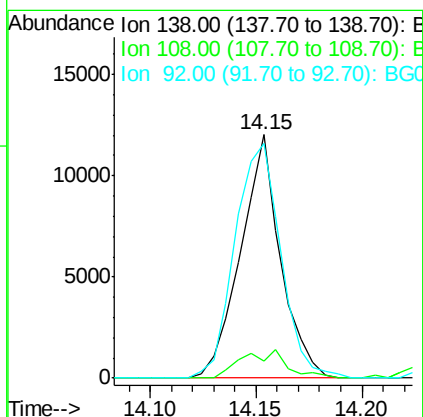
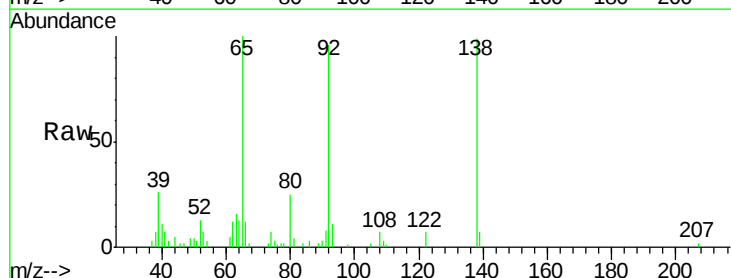
Instrument :
BNA_G
ClientSampleId :
MDL-02-W

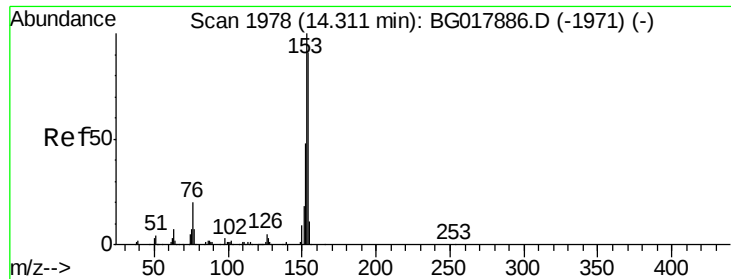
Tgt Ion:152 Resp: 113717
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 14.0 10.7 16.1



#48
3-Nitroaniline
Concen: 4.89 ng/ul
RT: 14.15 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

Tgt Ion:138 Resp: 15717
Ion Ratio Lower Upper
138 100
108 7.2 8.7 13.1#
92 96.5 84.3 126.5





#49

Acenaphthene

Concen: 5.19 ng/ul

RT: 14.31 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG017896.D

Acq: 15 Jul 2015 21:52

Instrument :

BNA_G

ClientSampleId :

MDL-02-W

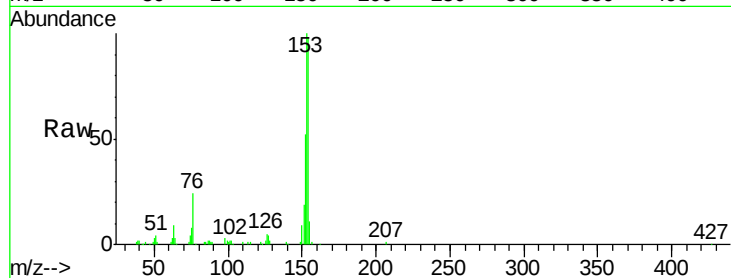
Tgt Ion:153 Resp: 73799

Ion Ratio Lower Upper

153 100

152 51.7 37.8 56.6

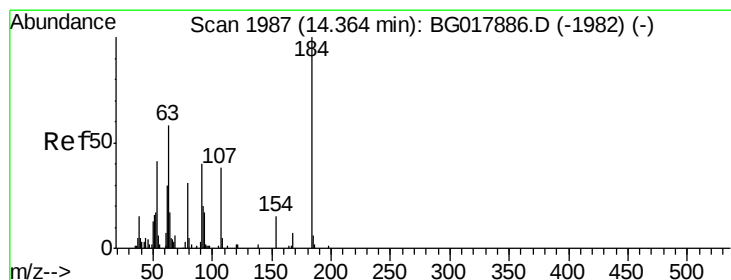
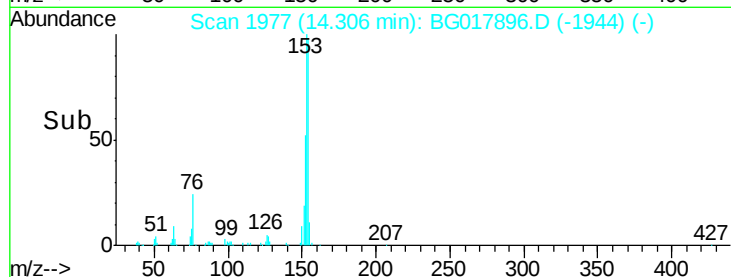
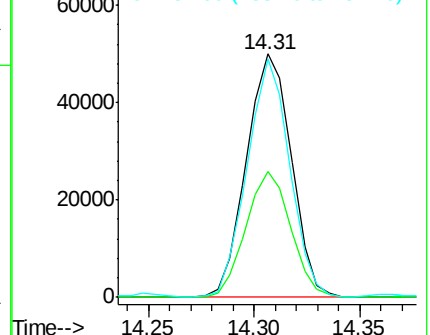
154 98.1 71.0 106.4



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 1.85 ng/ul

RT: 14.36 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG017896.D

Acq: 15 Jul 2015 21:52

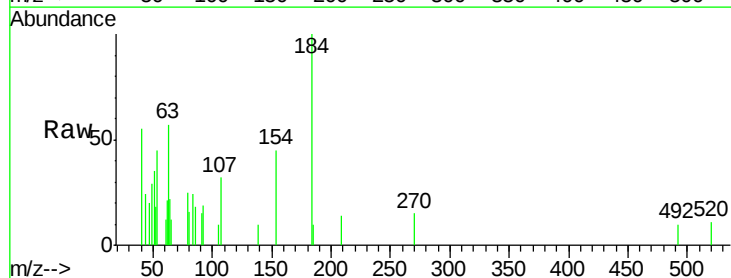
Tgt Ion:184 Resp: 2193

Ion Ratio Lower Upper

184 100

63 57.1 60.3 90.5#

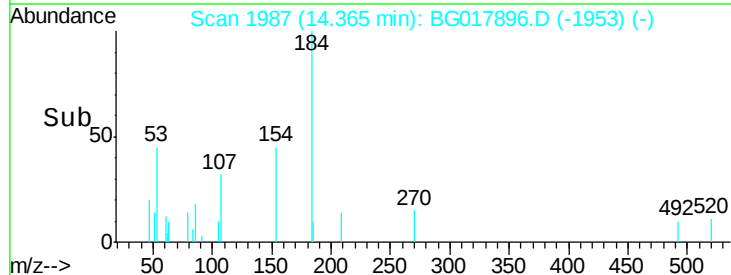
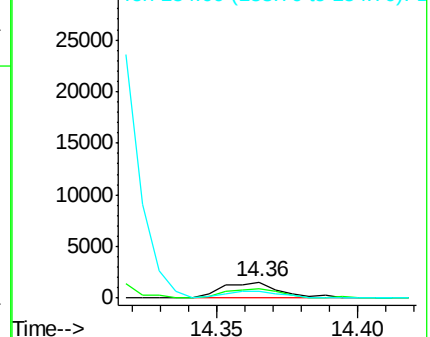
154 44.6 48.7 73.1#

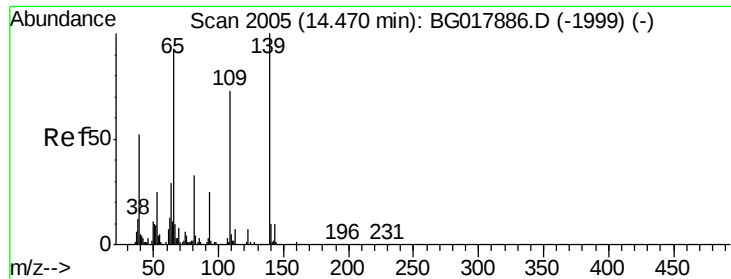


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

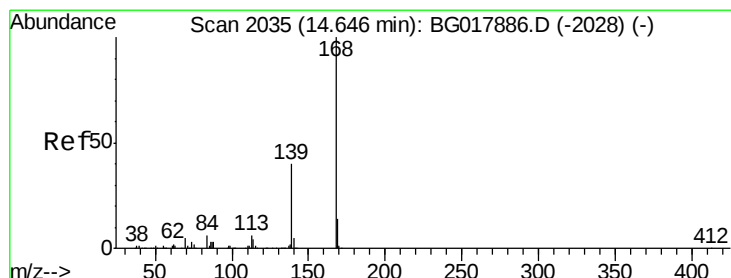
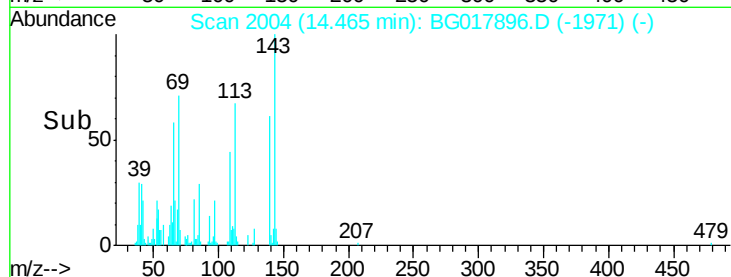
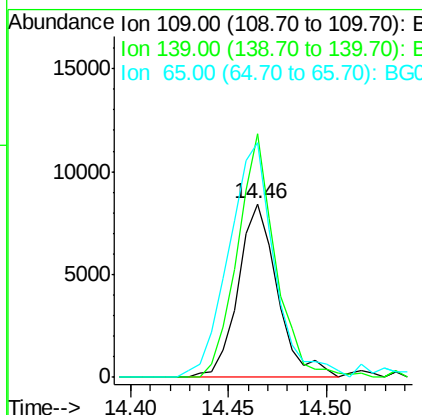
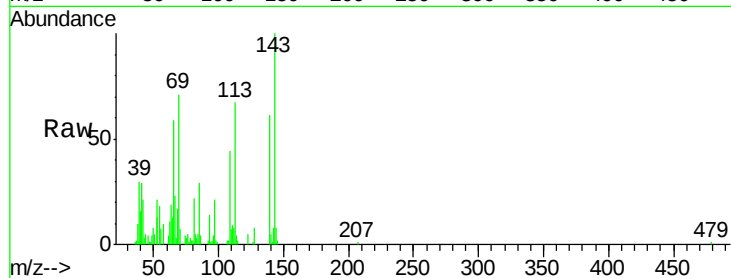




#52
4-Nitrophenol
Concen: 5.00 ng/ul
RT: 14.46 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

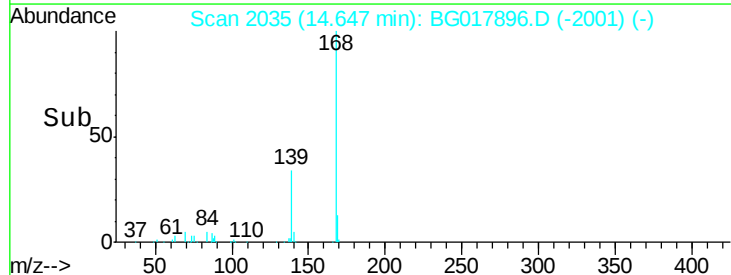
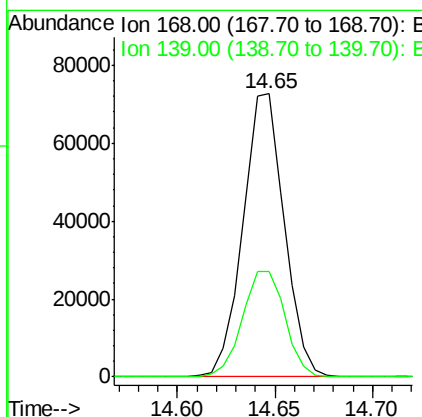
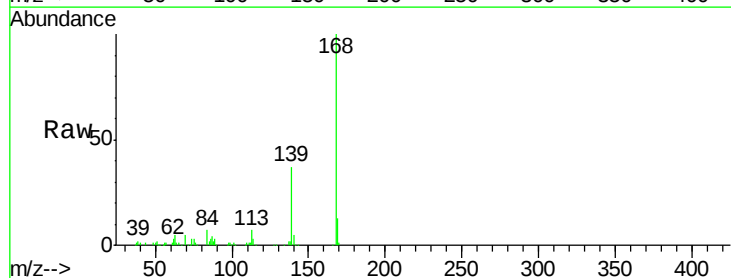
Instrument :
BNA_G
ClientSampleId :
MDL-02-W

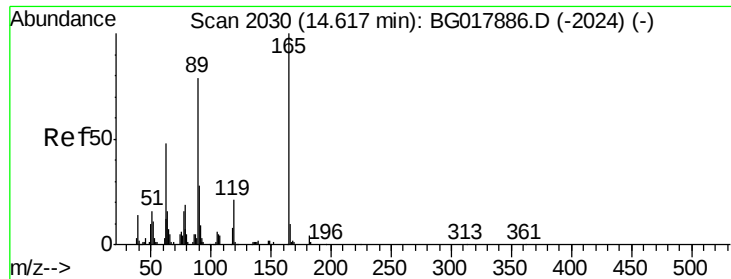
Tgt Ion:109 Resp: 11777
Ion Ratio Lower Upper
109 100
139 140.4 96.9 145.3
65 135.3 121.1 181.7



#53
Dibenzofuran
Concen: 5.66 ng/ul
RT: 14.65 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

Tgt Ion:168 Resp: 106152
Ion Ratio Lower Upper
168 100
139 37.4 33.6 50.4

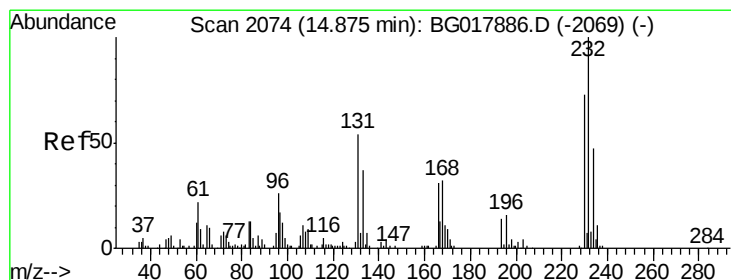
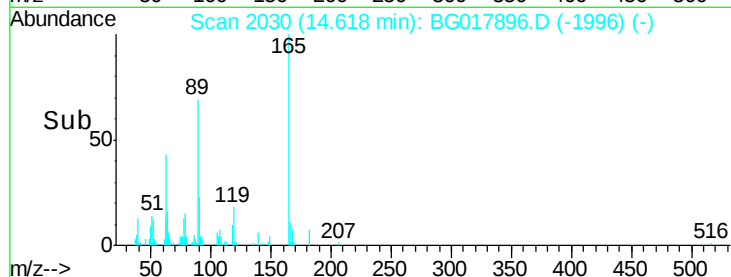
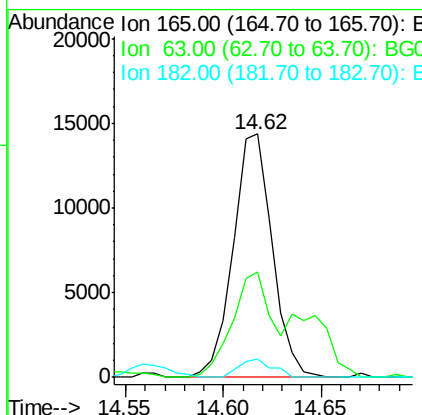
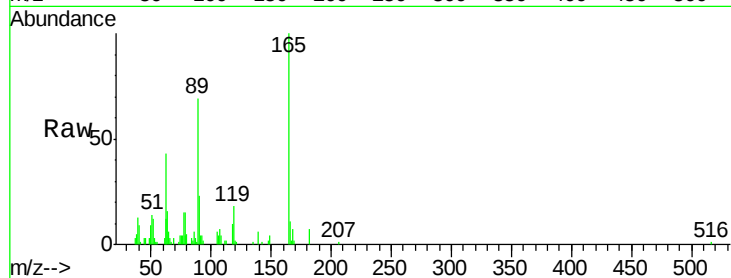




#54
2,4-Dinitrotoluene
Concen: 4.94 ng/ul
RT: 14.62 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

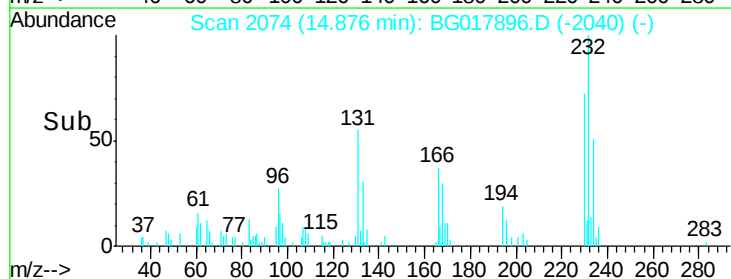
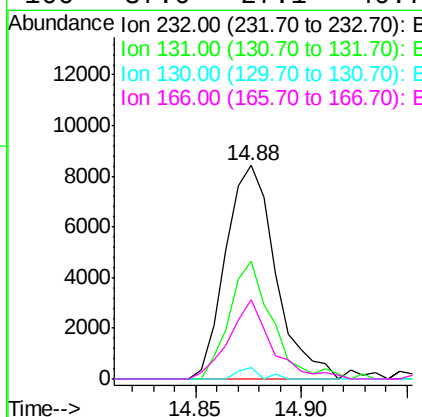
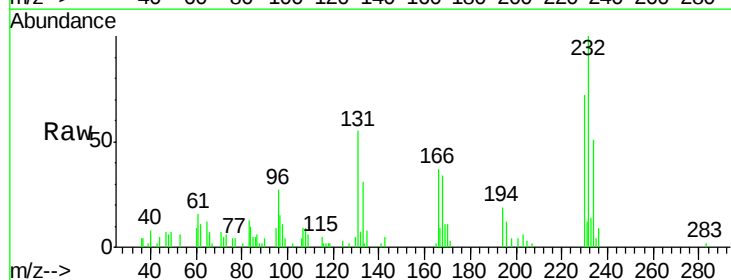
Instrument :
BNA_G
ClientSampleId :
MDL-02-W

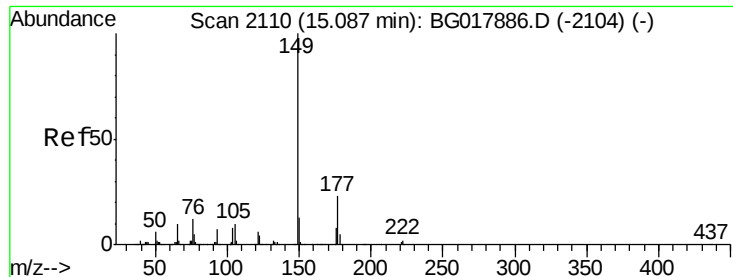
Tgt Ion:165 Resp: 19966
Ion Ratio Lower Upper
165 100
63 43.2 48.0 72.0#
182 7.4 3.7 5.5#



#55
2,3,4,6-Tetrachlorophenol
Concen: 5.44 ng/ul
RT: 14.88 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

Tgt Ion:232 Resp: 13789
Ion Ratio Lower Upper
232 100
131 55.4 50.1 75.1
130 5.2 2.4 3.6#
166 37.0 27.1 40.7





#56

Diethylphthalate

Concen: 6.11 ng/ul

RT: 15.08 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BG017896.D

Acq: 15 Jul 2015 21:52

Instrument :

BNA_G

ClientSampleId :

MDL-02-W

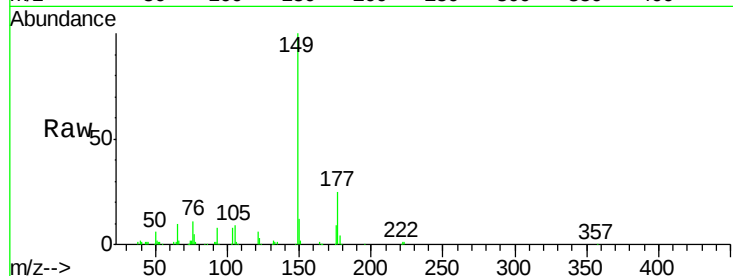
Tgt Ion:149 Resp: 97176

Ion Ratio Lower Upper

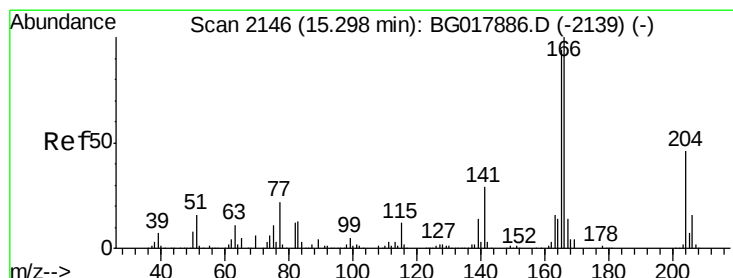
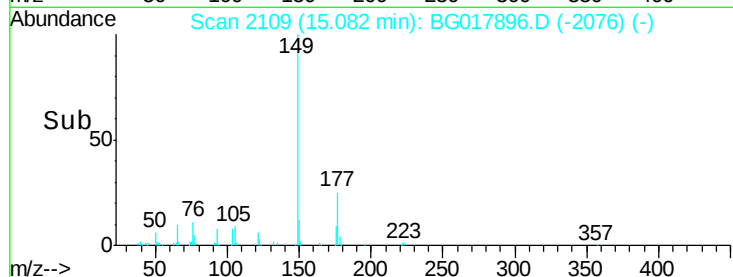
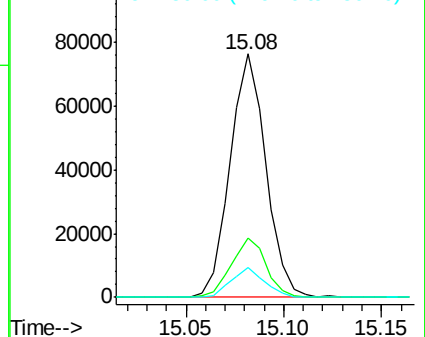
149 100

177 24.5 17.5 26.3

150 12.4 10.2 15.4



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: 5.61 ng/ul

RT: 15.30 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG017896.D

Acq: 15 Jul 2015 21:52

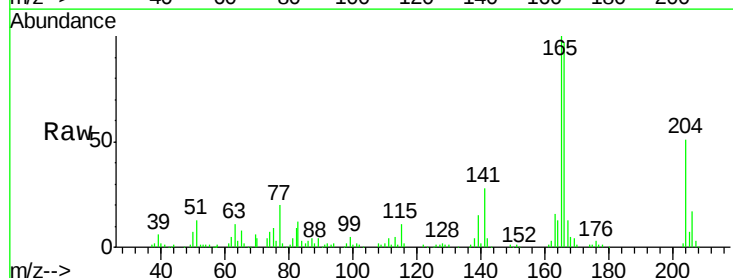
Tgt Ion:166 Resp: 91328

Ion Ratio Lower Upper

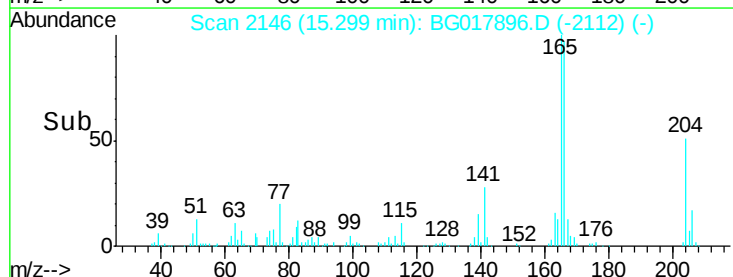
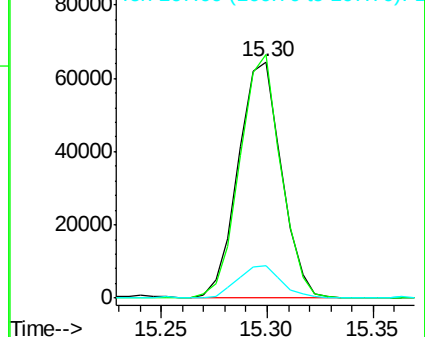
166 100

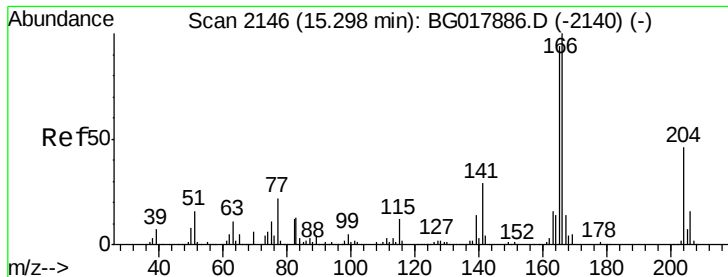
165 102.9 73.3 109.9

167 13.7 11.0 16.4



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

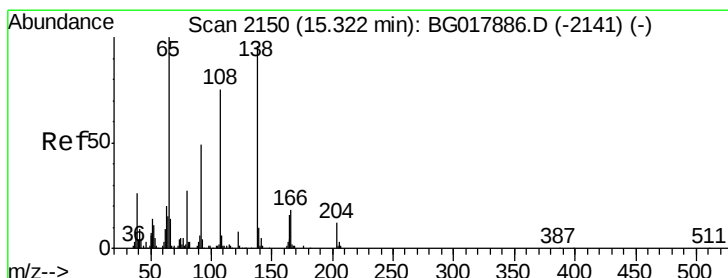
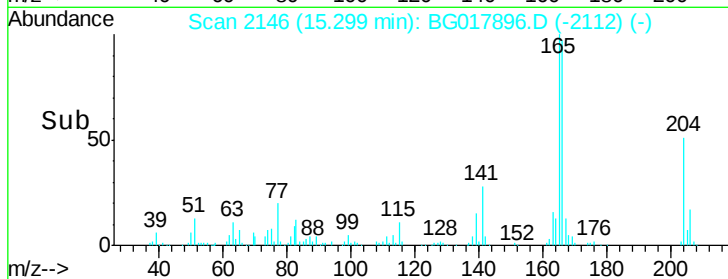
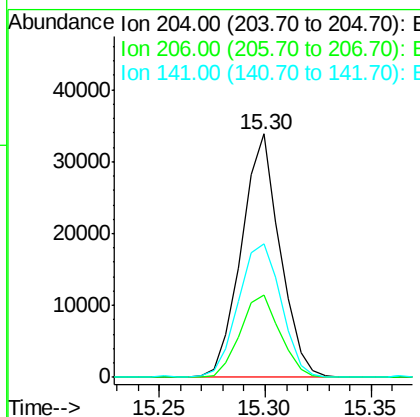
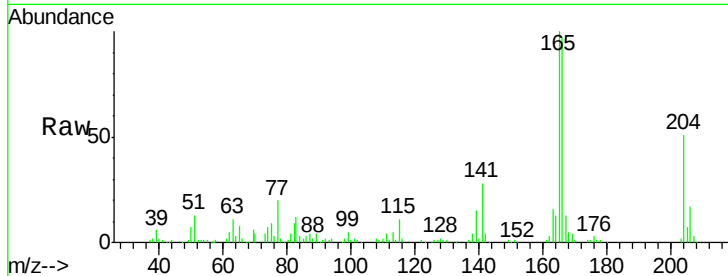




#59
 4-Chlorophenyl-phenylether
 Concen: 5.67 ng/ul
 RT: 15.30 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG017896.D
 Acq: 15 Jul 2015 21:52

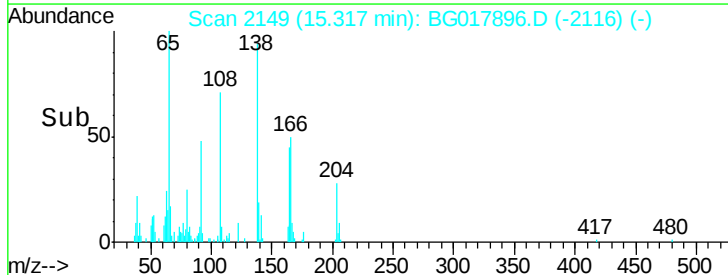
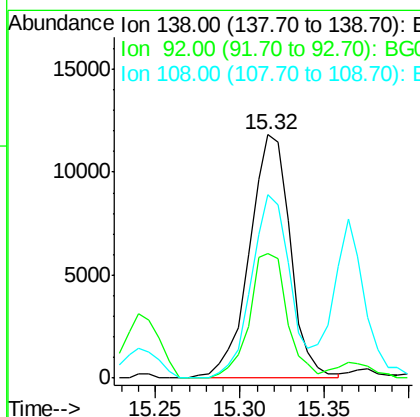
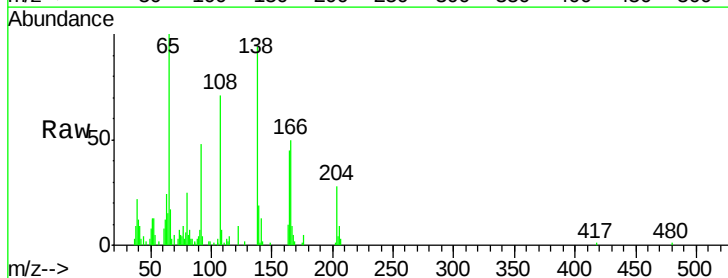
Instrument :
 BNA_G
 ClientSampleId :
 MDL-02-W

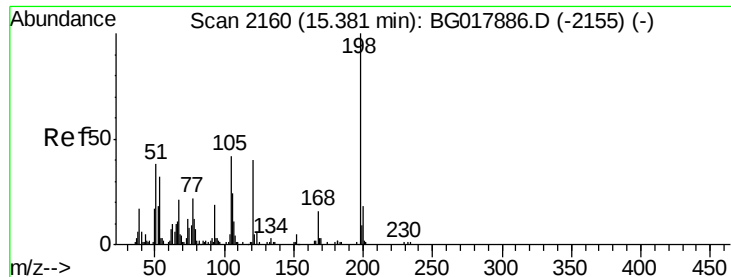
Tgt Ion:204 Resp: 42870
 Ion Ratio Lower Upper
 204 100
 206 34.0 25.7 38.5
 141 55.1 52.5 78.7



#60
 4-Nitroaniline
 Concen: 5.19 ng/ul
 RT: 15.32 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG017896.D
 Acq: 15 Jul 2015 21:52

Tgt Ion:138 Resp: 19850
 Ion Ratio Lower Upper
 138 100
 92 51.2 38.6 58.0
 108 75.2 62.0 93.0

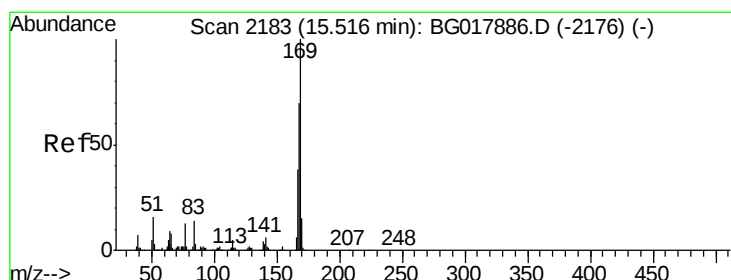
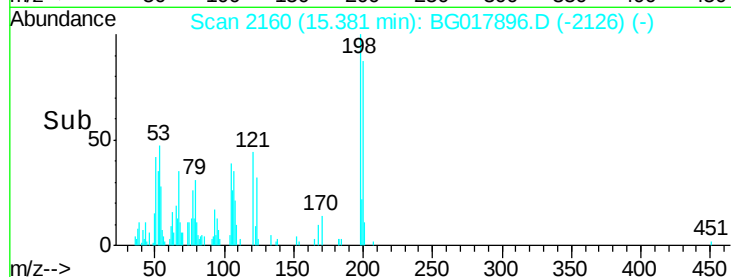
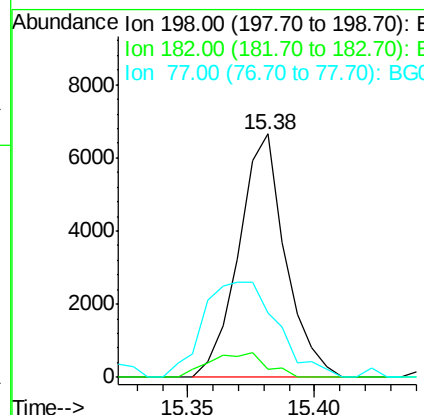
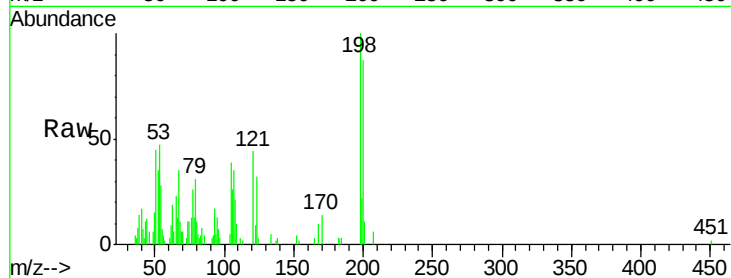




#63
 4,6-Dinitro-2-methylphenol
 Concen: 3.57 ng/ul
 RT: 15.38 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BG017896.D
 Acq: 15 Jul 2015 21:52

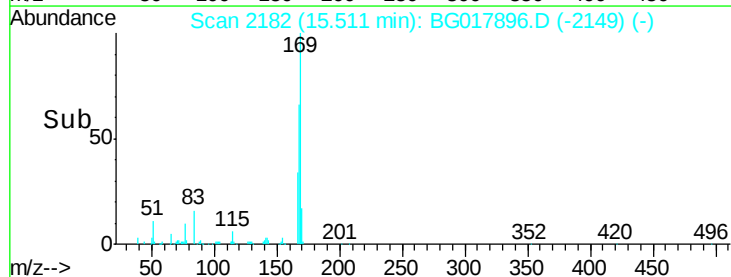
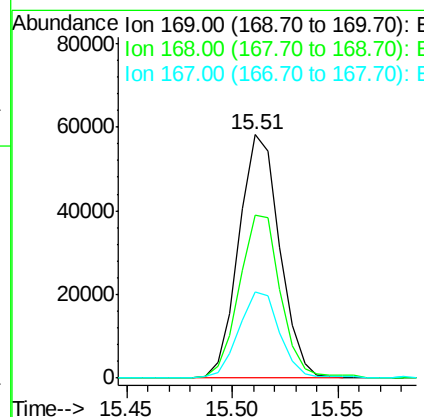
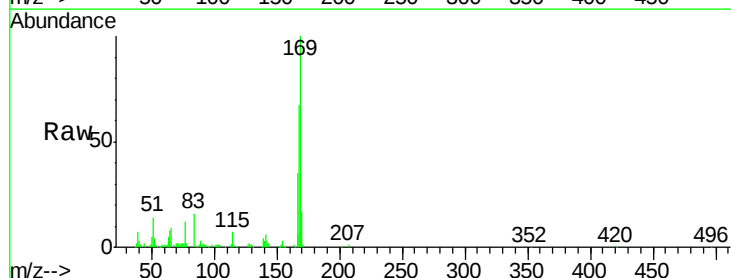
Instrument :
 BNA_G
 ClientSampleId :
 MDL-02-W

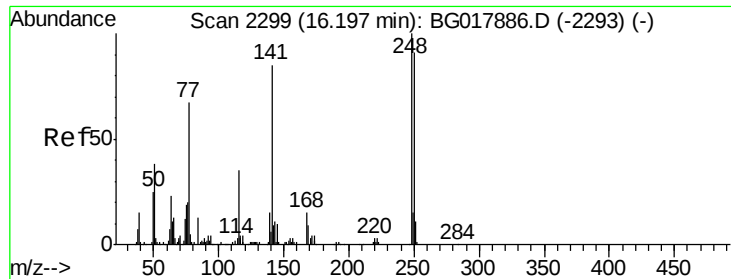
Tgt Ion:198 Resp: 8512
 Ion Ratio Lower Upper
 198 100
 182 3.2 3.8 5.8#
 77 26.3 25.8 38.6



#64
 N-Nitrosodiphenylamine
 Concen: 5.60 ng/ul
 RT: 15.51 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG017896.D
 Acq: 15 Jul 2015 21:52

Tgt Ion:169 Resp: 77898
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.7 80.5
 167 35.5 29.8 44.8

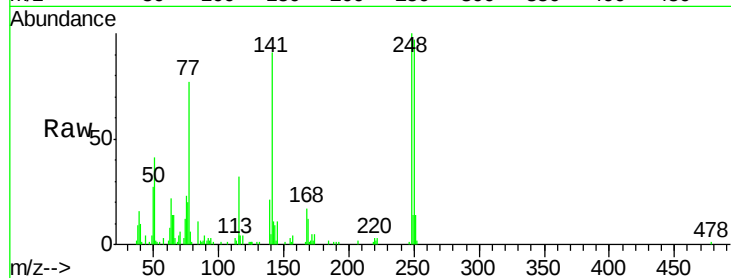




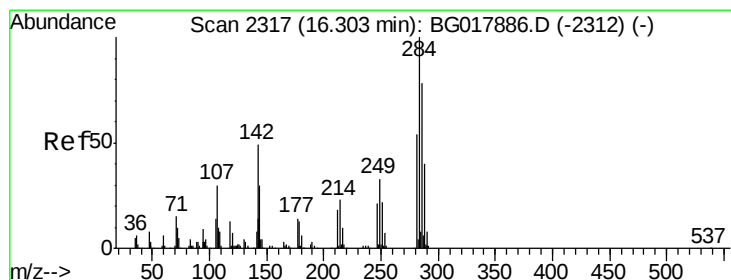
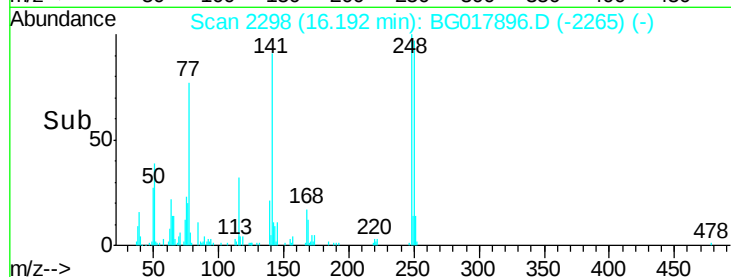
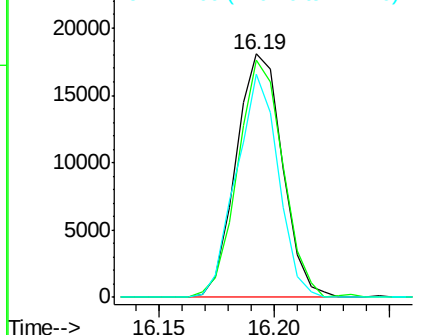
#65
4-Bromophenyl-phenylether
Concen: 5.79 ng/ul
RT: 16.19 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

Instrument :
BNA_G
ClientSampleId :
MDL-02-W

Tgt Ion:248 Resp: 25365
Ion Ratio Lower Upper
248 100
250 97.3 81.8 122.6
141 91.4 77.6 116.4

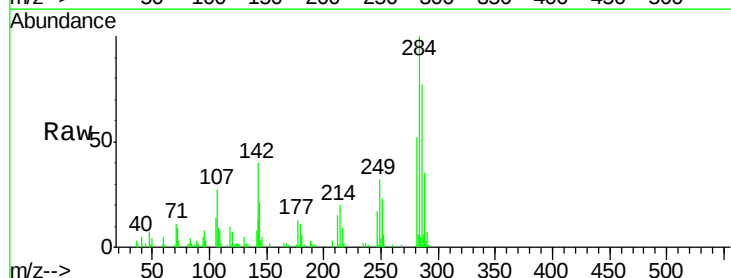


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

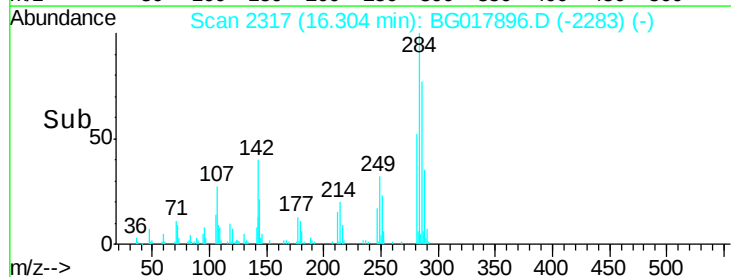
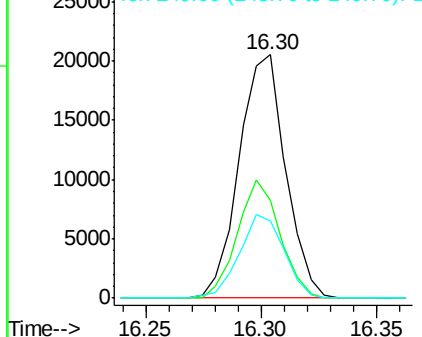


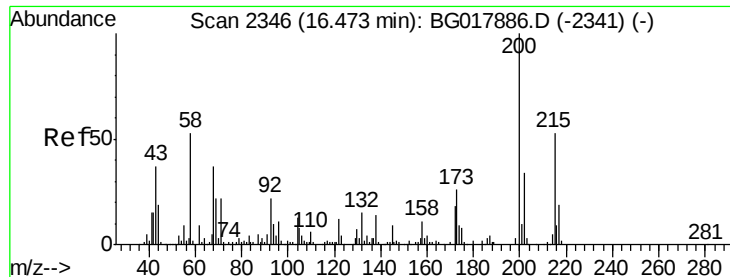
#66
Hexachlorobenzene
Concen: 6.06 ng/ul
RT: 16.30 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG017896.D
Acq: 15 Jul 2015 21:52

Tgt Ion:284 Resp: 28813
Ion Ratio Lower Upper
284 100
142 40.0 41.8 62.6#
249 31.7 23.3 34.9



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

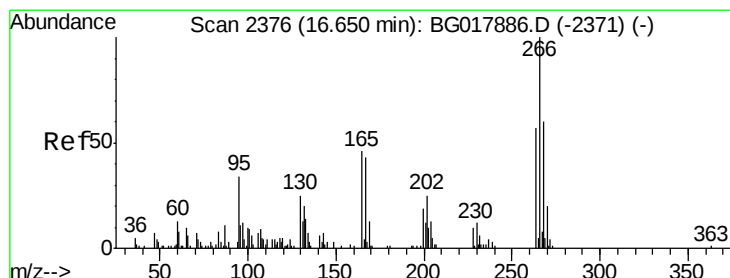
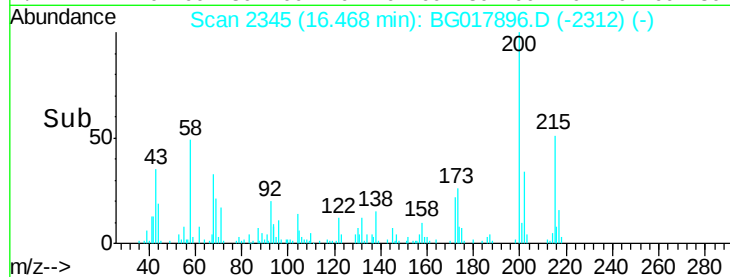
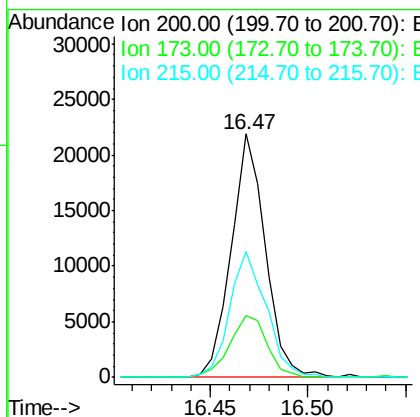
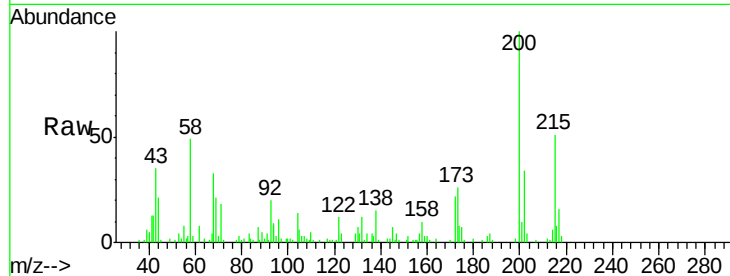




#67
 Atrazine
 Concen: 5.56 ng/ul
 RT: 16.47 min Scan# 2345
 Delta R.T. -0.01 min
 Lab File: BG017896.D
 Acq: 15 Jul 2015 21:52

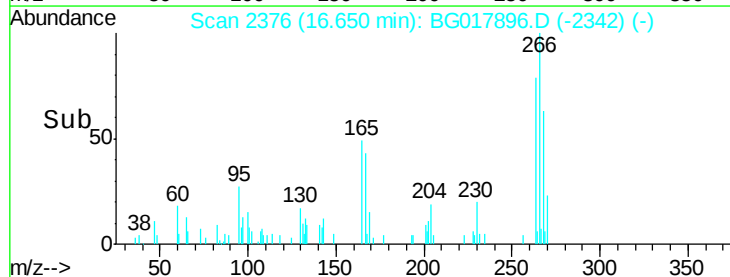
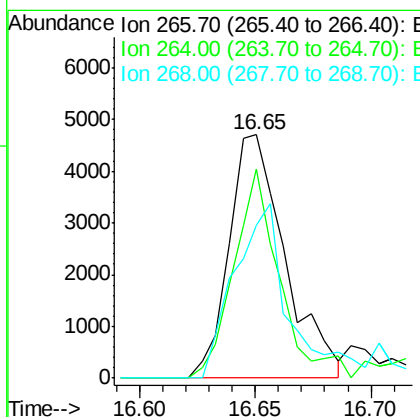
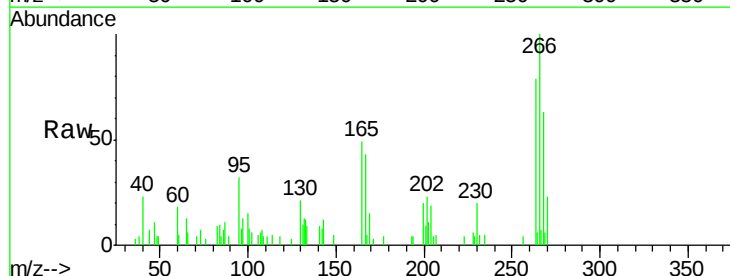
Instrument :
 BNA_G
 ClientSampleId :
 MDL-02-W

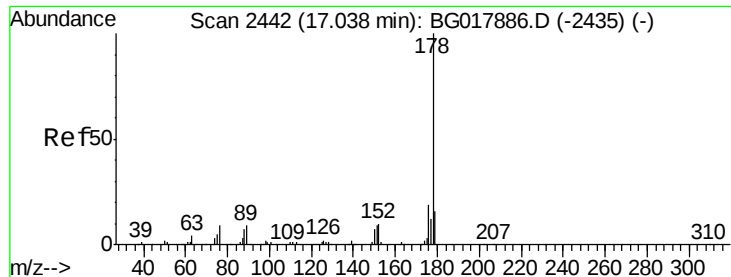
Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.5	20.6	30.8
215	51.5	40.0	60.0



#68
 Pentachlorophenol
 Concen: 3.39 ng/ul
 RT: 16.65 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: BG017896.D
 Acq: 15 Jul 2015 21:52

Tgt Ion	Ratio	Lower	Upper
266	100		
264	85.7	52.0	78.0#
268	62.7	57.3	85.9





#69

Phenanthrene

Concen: 6.14 ng/ul

RT: 17.04 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BG017896.D

Acq: 15 Jul 2015 21:52

Instrument :

BNA_G

ClientSampleId :

MDL-02-W

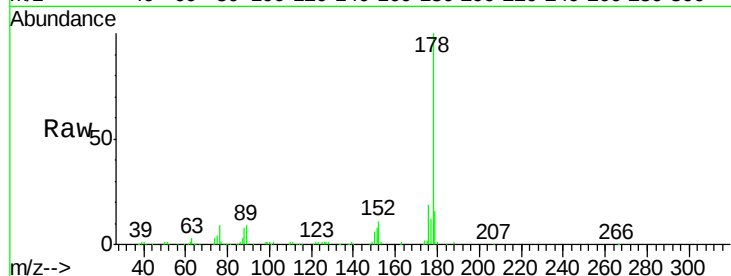
Tgt Ion:178 Resp: 154686

Ion Ratio Lower Upper

178 100

179 16.0 12.6 18.8

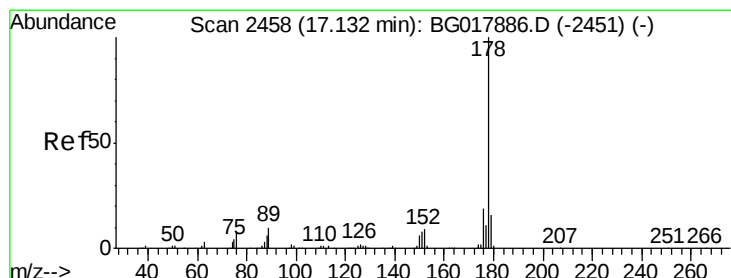
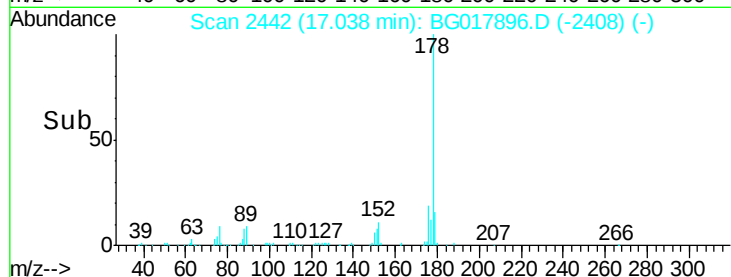
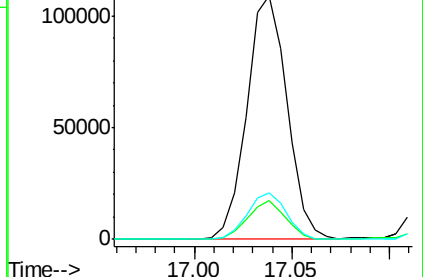
176 19.0 16.2 24.2



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: 6.05 ng/ul

RT: 17.13 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG017896.D

Acq: 15 Jul 2015 21:52

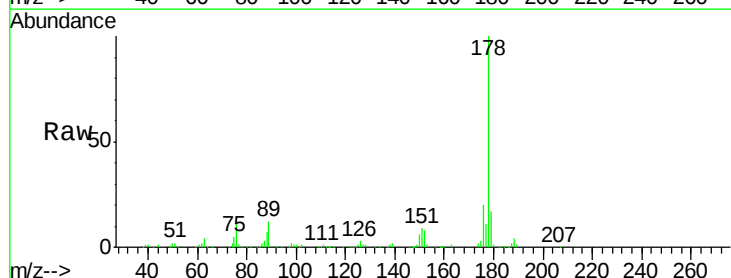
Tgt Ion:178 Resp: 156093

Ion Ratio Lower Upper

178 100

179 16.6 12.6 19.0

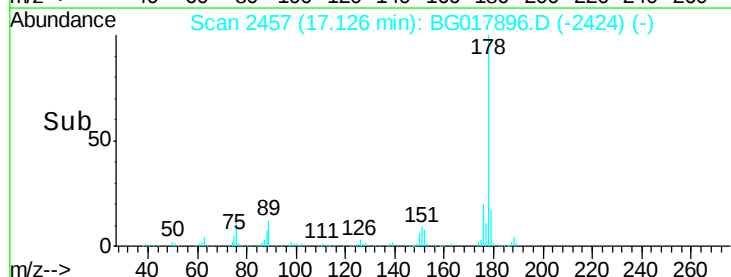
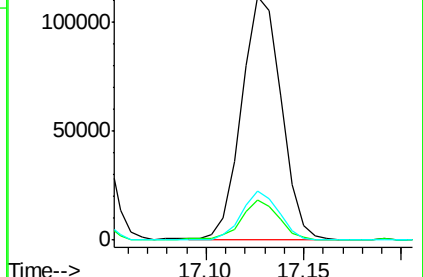
176 19.9 16.5 24.7

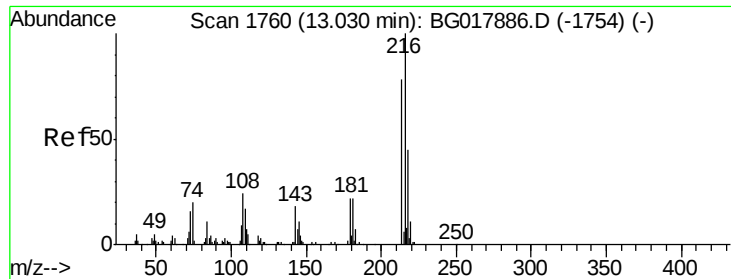


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 4.82 ng/uL

RT: 13.03 min Scan# 1760

Delta R.T. 0.00 min

Lab File: BG017896.D

Acq: 15 Jul 2015 21:52

Instrument :

BNA_G

ClientSampleId :

MDL-02-W

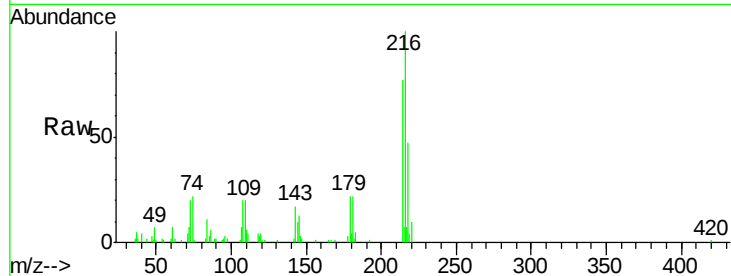
Tgt Ion:216 Resp: 28022

Ion Ratio Lower Upper

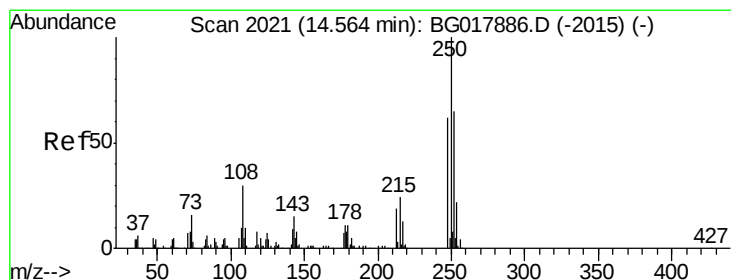
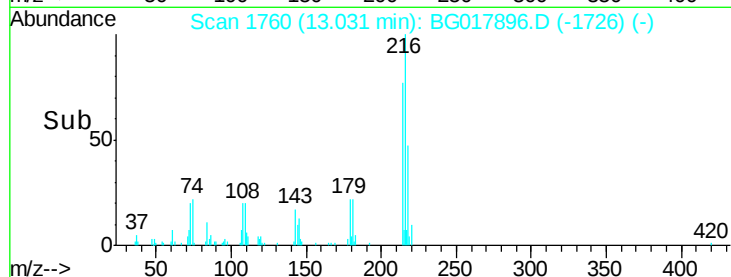
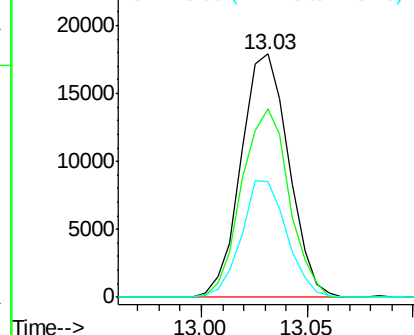
216 100

214 77.3 59.0 88.6

218 47.5 35.8 53.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 6.07 ng/uL

RT: 14.56 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BG017896.D

Acq: 15 Jul 2015 21:52

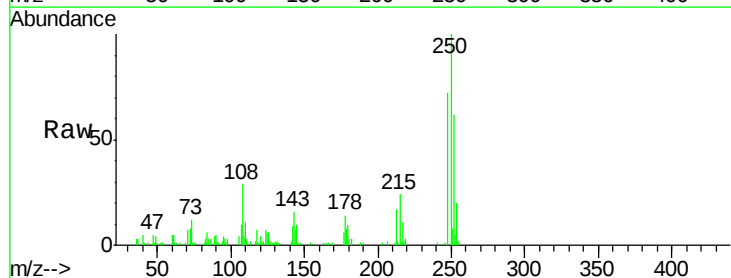
Tgt Ion:250 Resp: 33822

Ion Ratio Lower Upper

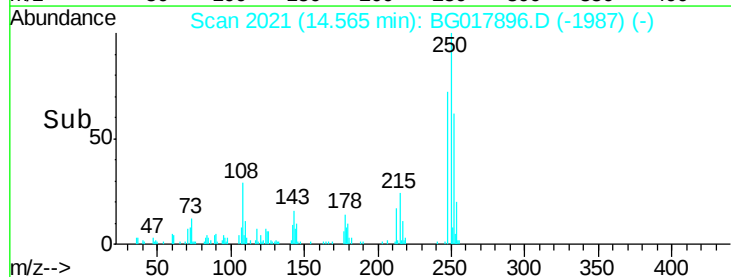
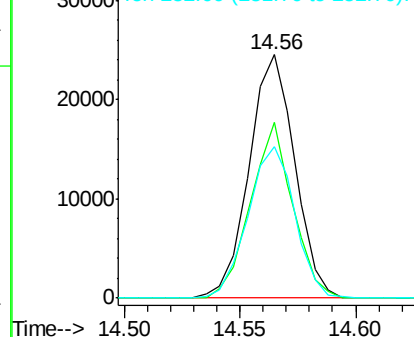
250 100

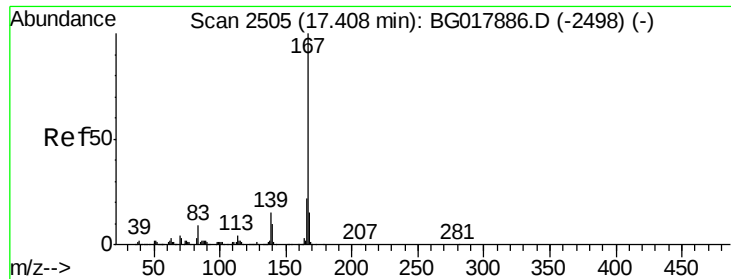
248 71.9 48.8 73.2

252 67.3 48.2 72.2



Abundance Ion 250.00 (249.70 to 250.70): E
Ion 248.00 (247.70 to 248.70): E
Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 6.14 ng/ul

RT: 17.40 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG017896.D

Acq: 15 Jul 2015 21:52

Instrument :

BNA_G

ClientSampleId :

MDL-02-W

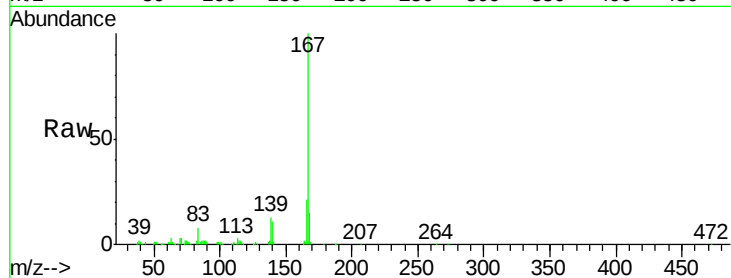
Tgt Ion:167 Resp: 138116

Ion Ratio Lower Upper

167 100

166 20.7 17.8 26.8

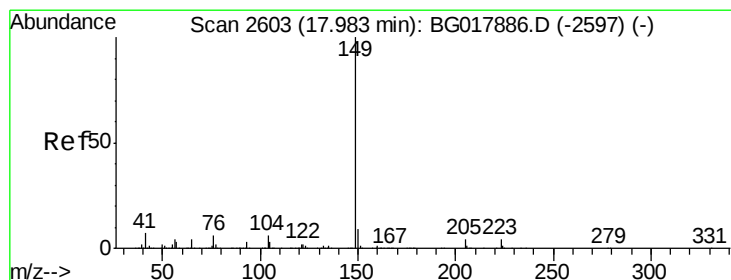
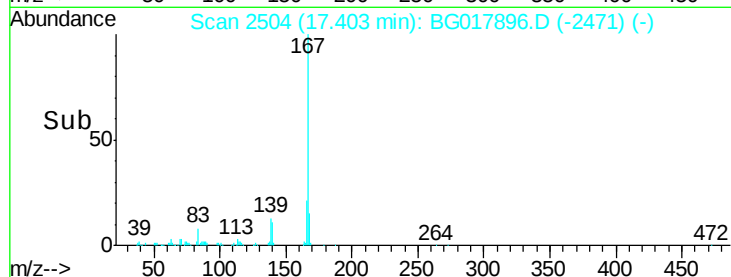
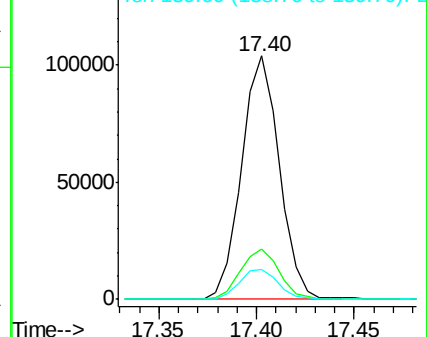
139 12.5 11.4 17.2



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



#75

Di-n-butylphthalate

Concen: 5.69 ng/ul

RT: 17.98 min Scan# 2602

Delta R.T. -0.01 min

Lab File: BG017896.D

Acq: 15 Jul 2015 21:52

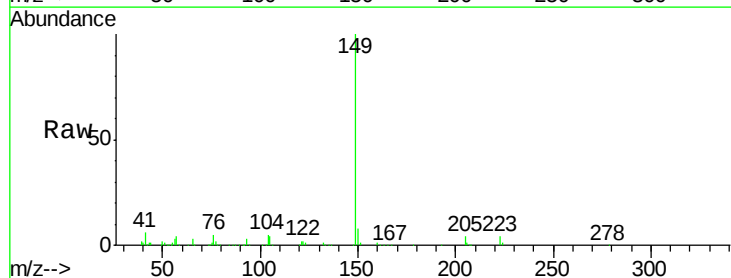
Tgt Ion:149 Resp: 160678

Ion Ratio Lower Upper

149 100

150 7.6 8.2 12.2#

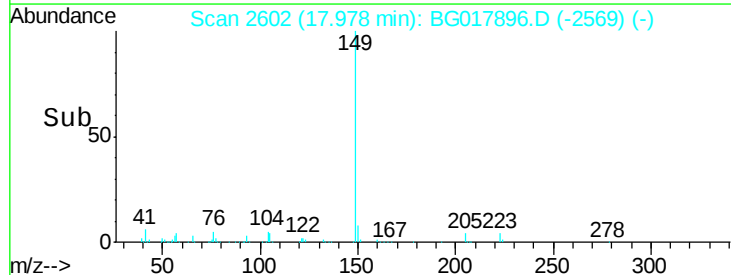
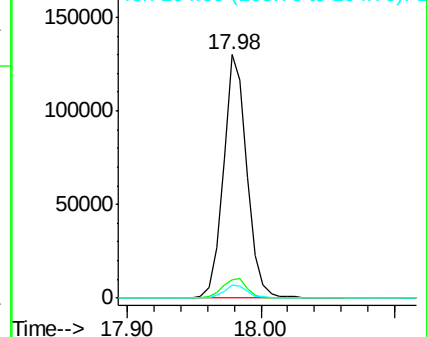
104 5.5 5.4 8.2

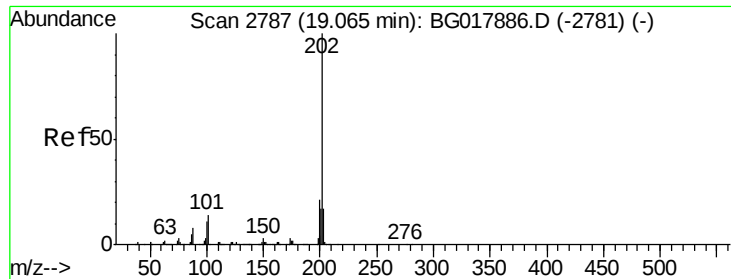


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Fluoranthene

Concen: 6.52 ng/ul

RT: 19.07 min Scan# 2787

Delta R.T. 0.00 min

Lab File: BG017896.D

Acq: 15 Jul 2015 21:52

Instrument :

BNA_G

ClientSampleId :

MDL-02-W

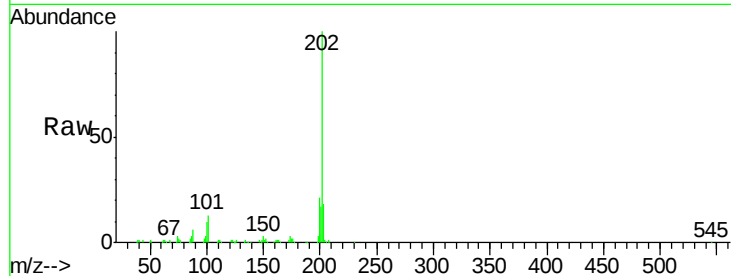
Tgt Ion:202 Resp: 166809

Ion Ratio Lower Upper

202 100

101 13.0 12.3 18.5

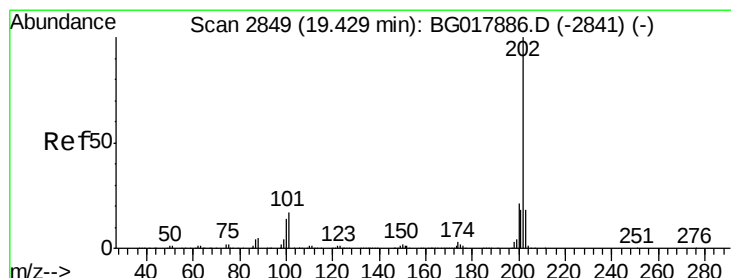
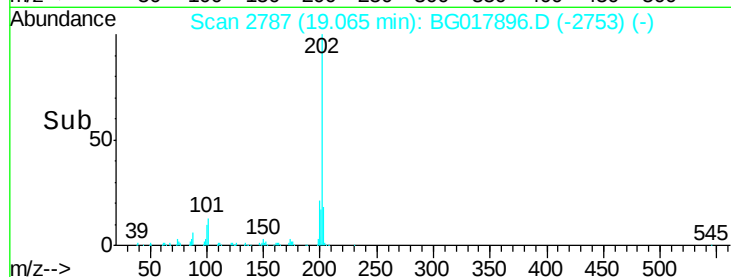
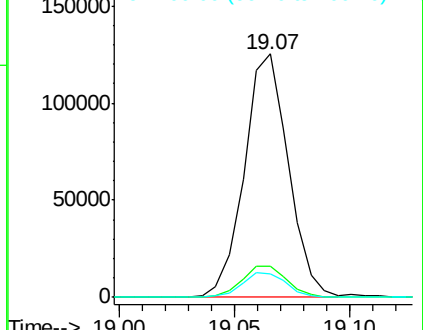
100 9.7 9.2 13.8



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



#79

Pyrene

Concen: 6.65 ng/ul

RT: 19.43 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG017896.D

Acq: 15 Jul 2015 21:52

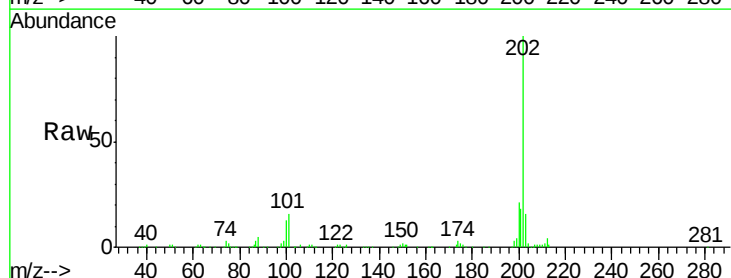
Tgt Ion:202 Resp: 186665

Ion Ratio Lower Upper

202 100

101 16.2 13.8 20.6

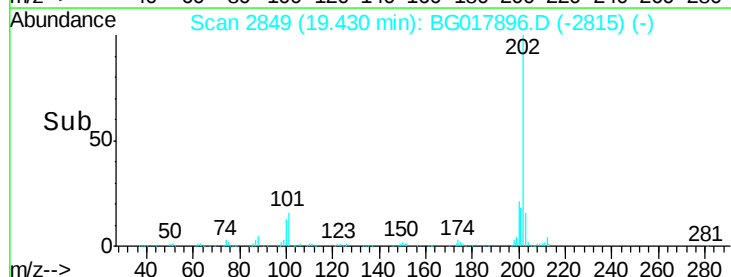
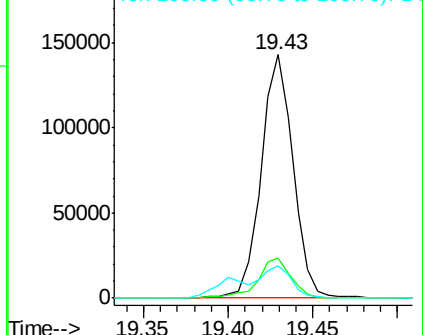
100 13.2 11.2 16.8

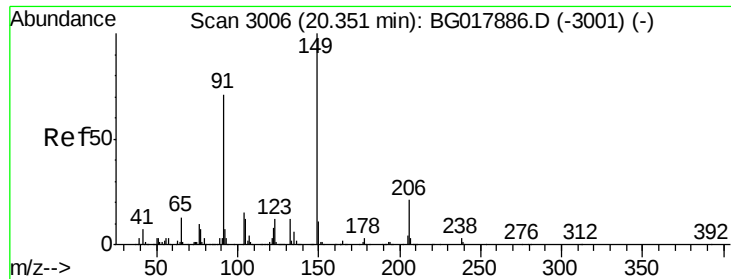


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Butylbenzylphthalate

Concen: 5.00 ng/ul

RT: 20.35 min Scan# 3005

Delta R.T. -0.01 min

Lab File: BG017896.D

Acq: 15 Jul 2015 21:52

Instrument :

BNA_G

ClientSampleId :

MDL-02-W

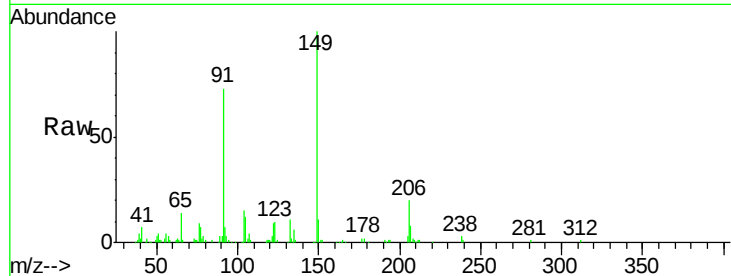
Tgt Ion:149 Resp: 56720

Ion Ratio Lower Upper

149 100

91 72.9 64.3 96.5

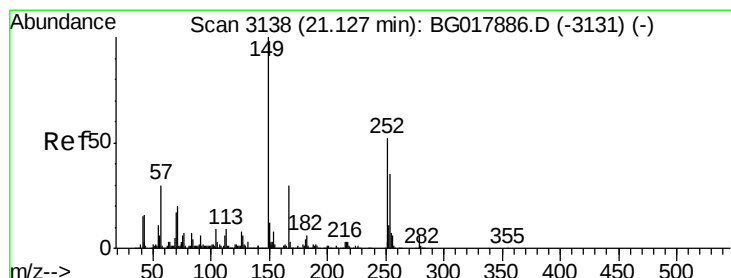
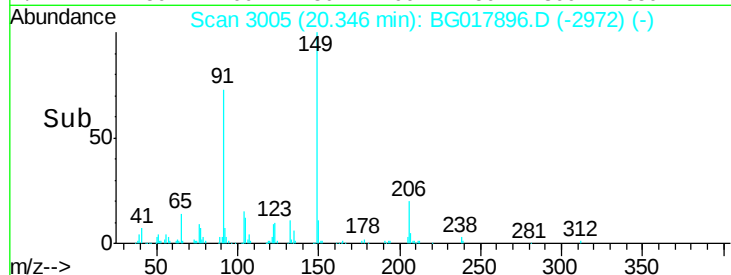
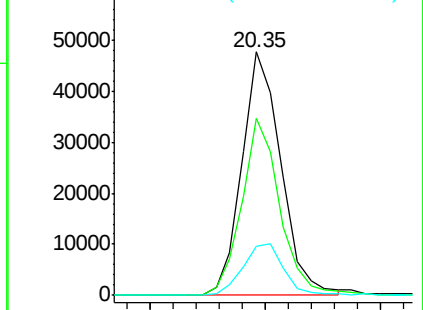
206 20.0 15.3 22.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#81

3,3'-Dichlorobenzidine

Concen: 4.71 ng/ul

RT: 21.12 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG017896.D

Acq: 15 Jul 2015 21:52

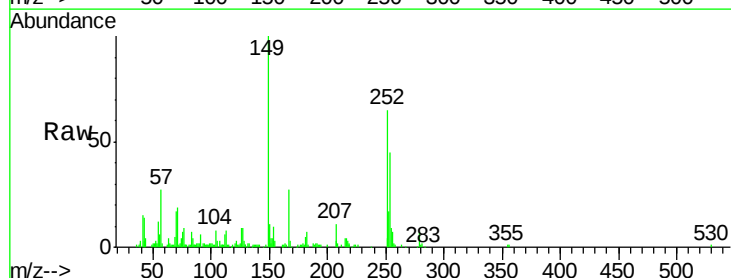
Tgt Ion:252 Resp: 32176

Ion Ratio Lower Upper

252 100

254 69.3 54.2 81.2

126 13.5 13.3 19.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

