

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071216\
 Data File : BG023057.D
 Acq On : 13 Jul 2016 5:28
 Operator : UM/SJ
 Sample : H3995-28MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MSD

Quant Time: Jul 13 07:02:09 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	97587	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	478657	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	351173	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	805195	20.00	ng	0.00
75) Chrysene-d12	21.87	240	877232	20.00	ng	0.02
86) Perylene-d12	25.26	264	890170	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	405262	67.92	ng	0.00
7) Phenol-d6	7.30	99	405733	43.42	ng	0.00
23) Nitrobenzene-d5	9.33	82	1101204	98.51	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	774962	122.79	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2186680	98.08	ng	0.00
78) Terphenyl-d14	20.16	244	2749815	112.57	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.97	79	76692	9.66	ng	# 91
4) n-Nitrosodimethylamine	3.89	42	35508	10.43	ng	# 96
6) Aniline	7.47	93	112496	8.69	ng	89
8) 2-Chlorophenol	7.71	128	73920	11.64	ng	92
9) Benzaldehyde	7.28	77	42628	6.83	ng	90
10) Phenol	7.34	94	131199	13.64	ng	91
11) bis(2-Chloroethyl)ether	7.56	93	79155	10.39	ng	90
12) 1,3-Dichlorobenzene	8.04	146	82169	10.57	ng	93
13) 1,4-Dichlorobenzene	8.19	146	81917	10.53	ng	88
14) 1,2-Dichlorobenzene	8.51	146	84788	10.96	ng	93
15) Benzyl Alcohol	8.39	79	112328	13.12	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.68	45	99291	10.67	ng	99
17) 2-Methylphenol	8.59	107	84720	13.53	ng	92
18) Hexachloroethane	9.24	117	36954	11.25	ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	89337	10.60	ng	98
20) 3+4-Methylphenols	8.92	107	112249	12.86	ng	91
22) Acetophenone	8.97	105	148315	10.32	ng	# 96
24) Nitrobenzene	9.36	77	138552	11.66	ng	97
25) Isophorone	9.89	82	242243	10.77	ng	97
26) 2-Nitrophenol	10.08	139	53883	11.56	ng	# 81
27) 2,4-Dimethylphenol	10.14	122	94906	11.78	ng	92
28) bis(2-Chloroethoxy)methane	10.37	93	137023	10.93	ng	98
29) 2,4-Dichlorophenol	10.63	162	101362	11.80	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	105667	10.73	ng	95
31) Naphthalene	11.03	128	271968	11.16	ng	98
32) Benzoic acid	10.23	122	53316	7.27	ng	91
33) 4-Chloroaniline	11.14	127	90087	7.56	ng	# 92
34) Hexachlorobutadiene	11.31	225	78037	9.78	ng	93
35) Caprolactam	11.91	113	33395	9.45	ng	98
36) 4-Chloro-3-methylphenol	12.26	107	134215	11.42	ng	88
37) 2-Methylnaphthalene	12.63	142	229469	11.92	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	146572	9.69	ng	99
40) Hexachlorocyclopentadiene	12.97	237	143192	16.44	ng	99
42) 2,4,6-Trichlorophenol	13.23	196	97826	11.25	ng	98

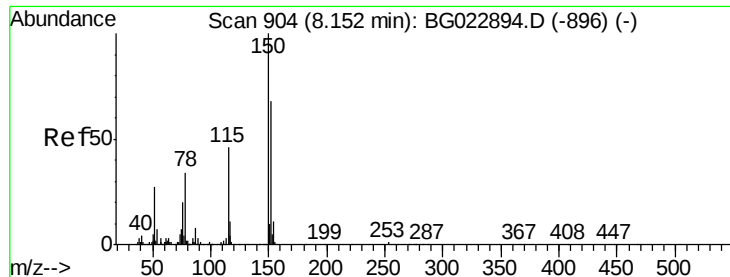
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071216\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	104776	11.73	ng	# 93
45) 1,1'-Biphenyl	13.63	154	317020	12.03	ng	99
46) 2-Chloronaphthalene	13.67	162	259155	12.12	ng	96
47) 2-Nitroaniline	13.88	65	105449	11.56	ng	96
48) Acenaphthylene	14.52	152	394806	12.31	ng	96
49) Dimethylphthalate	14.24	163	358342	12.49	ng	100
50) 2,6-Dinitrotoluene	14.37	165	72549	11.25	ng	95
51) Acenaphthene	14.86	154	248358	11.85	ng	94
52) 3-Nitroaniline	14.70	138	55602	8.65	ng	89
53) 2,4-Dinitrophenol	14.91	184	68949	15.59	ng	89
54) Dibenzofuran	15.20	168	414002	13.20	ng	96
55) 4-Nitrophenol	15.02	139	115436	21.42	ng	92
56) 2,4-Dinitrotoluene	15.16	165	105589	11.23	ng	# 93
57) Fluorene	15.85	166	329231	12.20	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.34	232	103681	11.60	ng	92
59) Diethylphthalate	15.60	149	350782	12.02	ng	99
60) 4-Chlorophenyl-phenylether	15.84	204	183531	11.16	ng	94
61) 4-Nitroaniline	15.87	138	69408	9.98	ng	# 88
62) Azobenzene	16.13	77	391267	14.01	ng	91
64) 4,6-Dinitro-2-methylphenol	15.93	198	57377	9.59	ng	89
65) n-Nitrosodiphenylamine	16.05	169	292638	12.61	ng	98
66) 4-Bromophenyl-phenylether	16.74	248	115190	11.00	ng	96
67) Hexachlorobenzene	16.86	284	130487	11.46	ng	93
68) Atrazine	17.01	200	113766	11.06	ng	92
69) Pentachlorophenol	17.21	266	156303	21.19	ng	95
70) Phenanthrene	17.60	178	521948	13.23	ng	96
71) Anthracene	17.69	178	531195	13.29	ng	98
72) Carbazole	17.96	167	447338	12.96	ng	94
73) Di-n-butylphthalate	18.50	149	556628	14.50	ng	# 96
74) Fluoranthene	19.61	202	606684	12.53	ng	95
77) Pyrene	19.97	202	620742	12.59	ng	91
79) Butylbenzylphthalate	20.84	149	266966	13.67	ng	92
80) Benzo(a)anthracene	21.92	228	596272	12.15	ng	95
81) 3,3'-Dichlorobenzidine	21.76	252	59397	2.76	ng	# 89
82) Chrysene	21.92	228	596272	12.95	ng	96
83) Bis(2-ethylhexyl)phthalate	21.73	149	376670	13.89	ng	# 97
84) Di-n-octyl phthalate	22.99	149	614380	13.59	ng	100
85) Indeno(1,2,3-cd)pyrene	29.12	276	653243	11.13	ng	# 100
87) Benzo(b)fluoranthene	24.17	252	625112	12.17	ng	# 99
88) Benzo(k)fluoranthene	24.24	252	607500	12.46	ng	# 97
89) Benzo(a)pyrene	25.09	252	608098	12.35	ng	97
90) Dibenzo(a,h)anthracene	29.19	278	545629	11.17	ng	# 94
91) Benzo(g,h,i)perylene	30.34	276	536998	10.97	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

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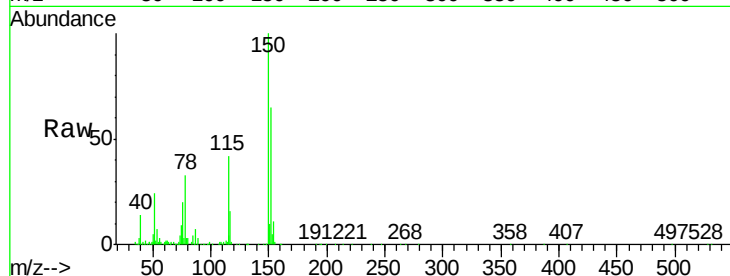
Tgt Ion:152 Resp: 97587

Ion Ratio Lower Upper

152 100

150 154.6 144.7 217.1

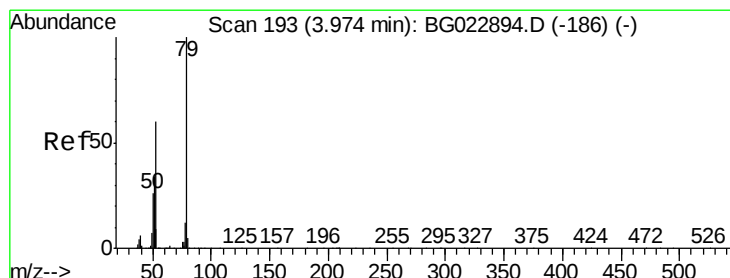
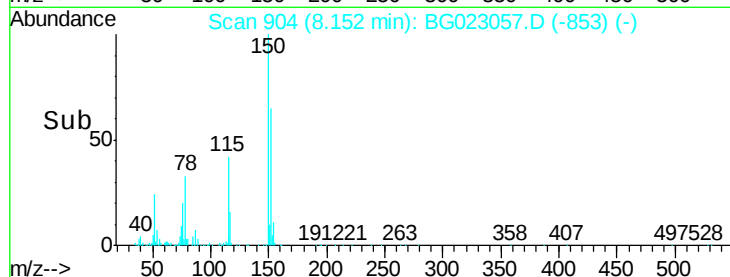
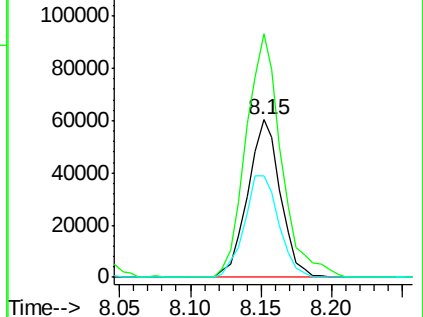
115 64.3 64.0 96.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

Pyridine

Concen: 9.66 ng

RT: 3.97 min Scan# 193

Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

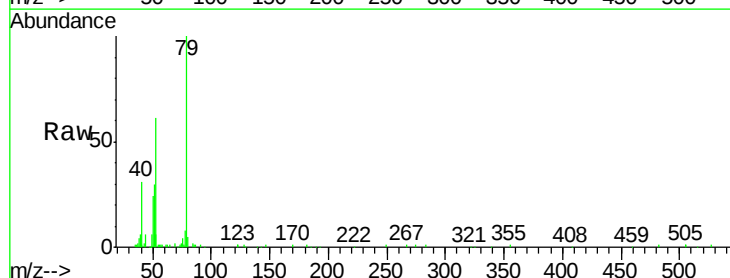
Tgt Ion: 79 Resp: 76692

Ion Ratio Lower Upper

79 100

52 61.2 51.8 77.8

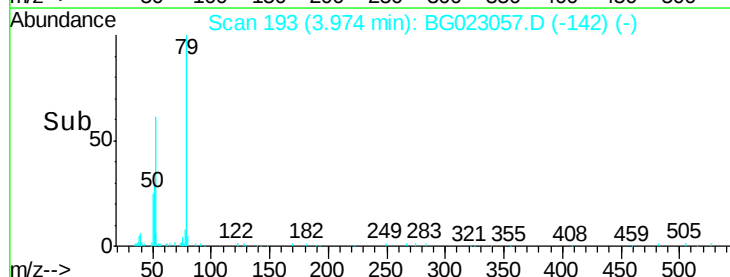
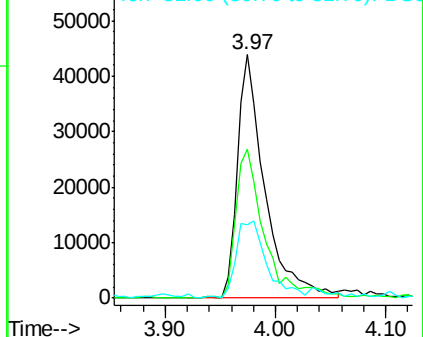
51 30.2 32.7 49.1#

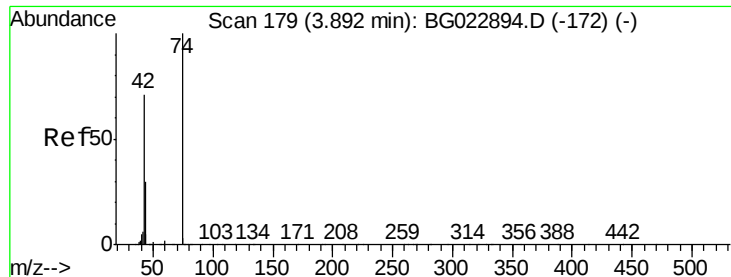


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC





#4

n-Nitrosodimethylamine

Concen: 10.43 ng

RT: 3.89 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

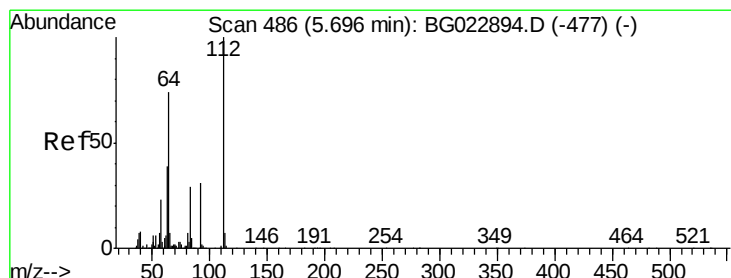
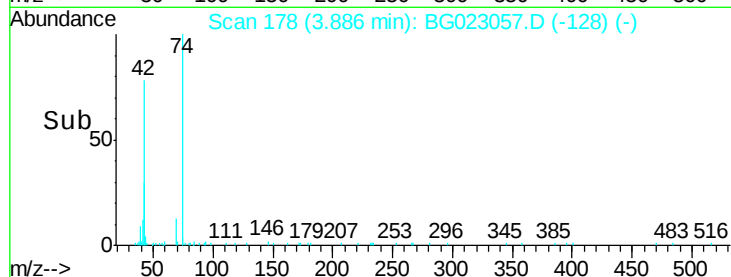
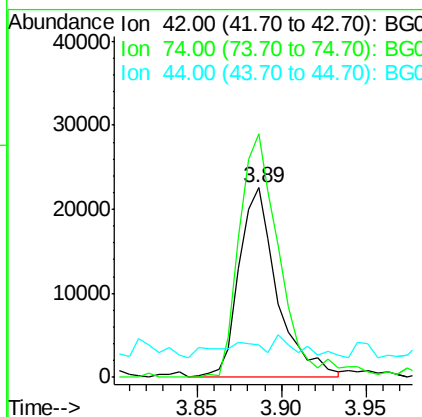
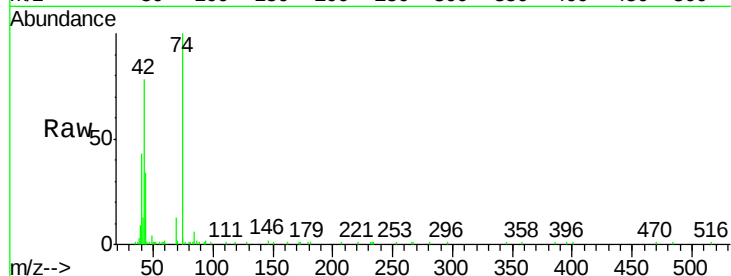
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Tgt Ion:	42	Resp:	35508
Ion	Ratio	Lower	Upper
42	100		
74	128.4	100.6	150.8
44	16.9	4.5	6.7#



#5

2-Fluorophenol

Concen: 67.92 ng

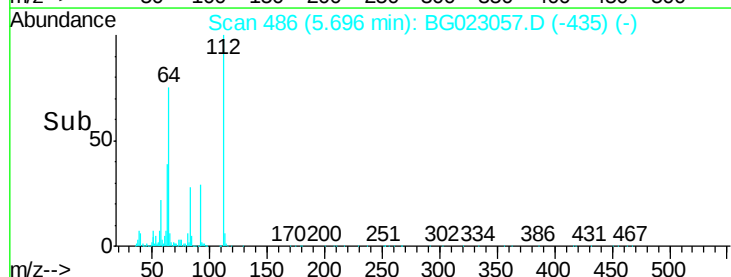
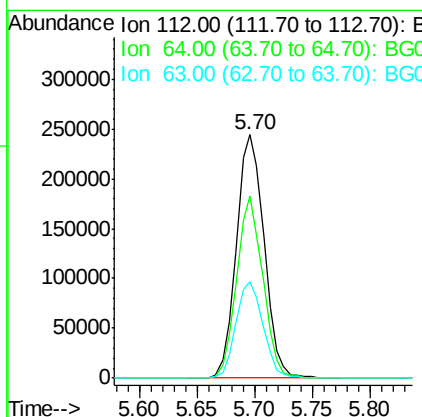
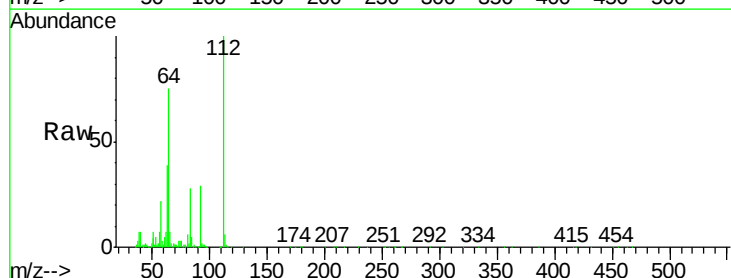
RT: 5.70 min Scan# 486

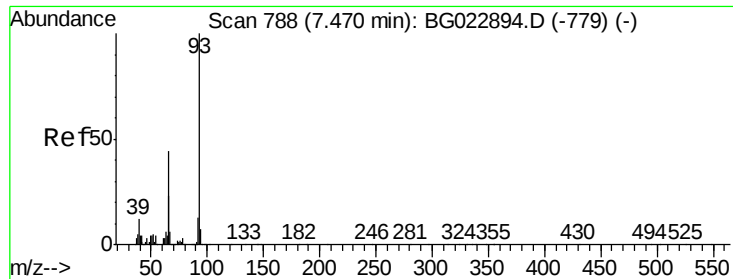
Delta R.T. 0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Tgt Ion:	112	Resp:	405262
Ion	Ratio	Lower	Upper
112	100		
64	74.6	59.0	88.4
63	39.5	37.8	56.8





#6

Aniline

Concen: 8.69 ng

RT: 7.47 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MSD

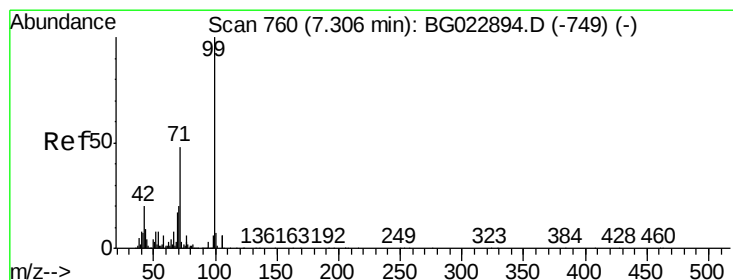
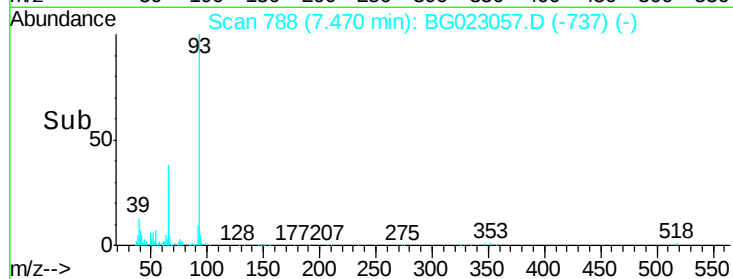
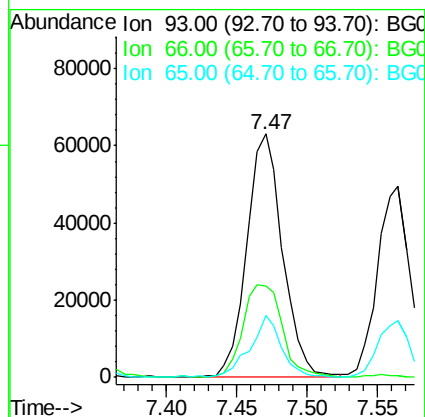
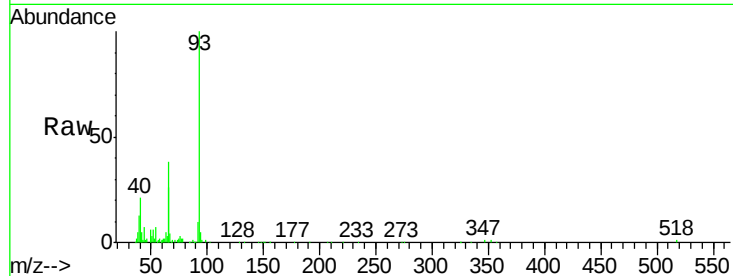
Tgt Ion: 93 Resp: 112496

Ion Ratio Lower Upper

93 100

66 37.7 37.5 56.3

65 25.6 17.9 26.9



#7

Phenol-d6

Concen: 43.42 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.01 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

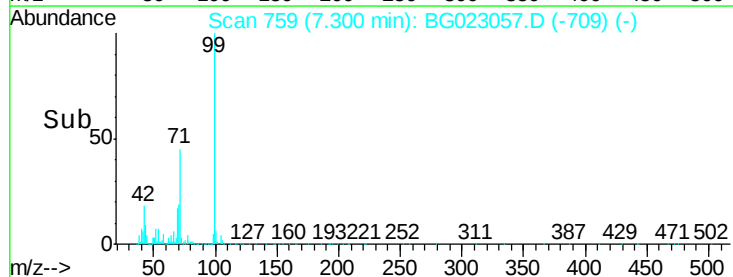
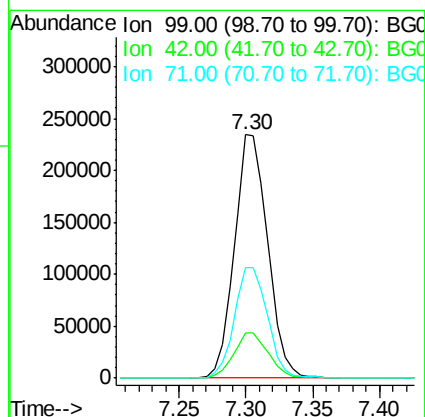
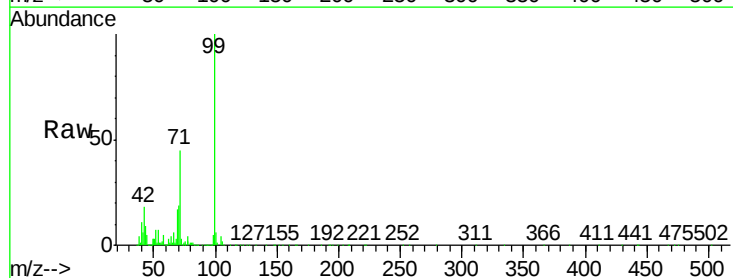
Tgt Ion: 99 Resp: 405733

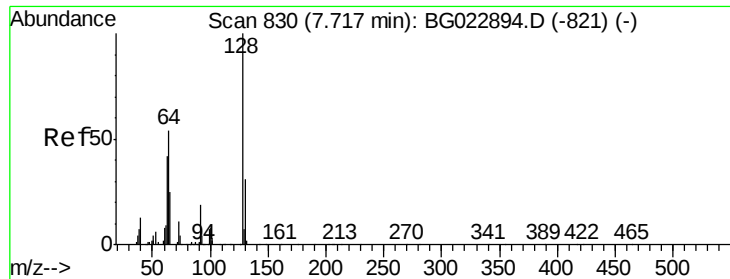
Ion Ratio Lower Upper

99 100

42 18.4 17.8 26.6

71 45.5 41.5 62.3





#8

2-Chlorophenol

Concen: 11.64 ng

RT: 7.71 min Scan# 829

Delta R.T. -0.01 min

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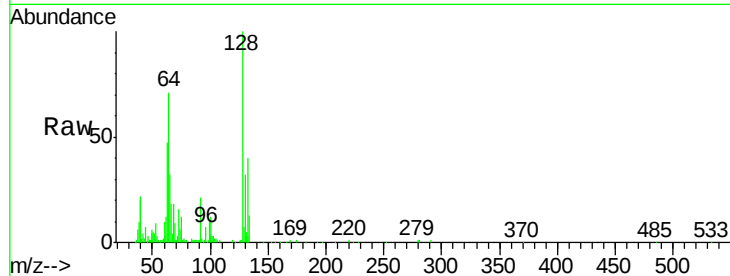
Tgt Ion:128 Resp: 73920

Ion Ratio Lower Upper

128 100

130 31.5 12.9 52.9

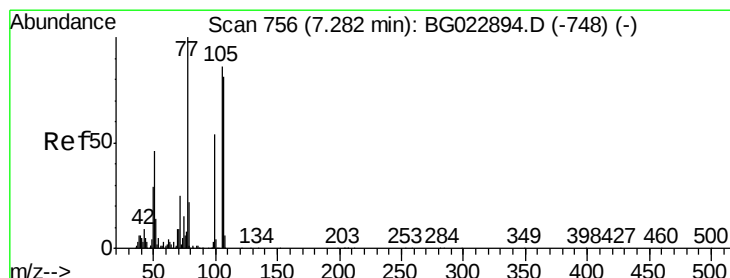
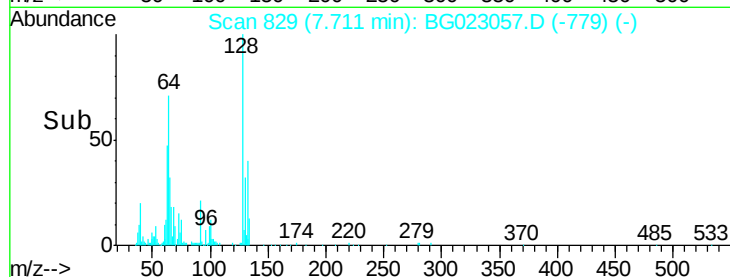
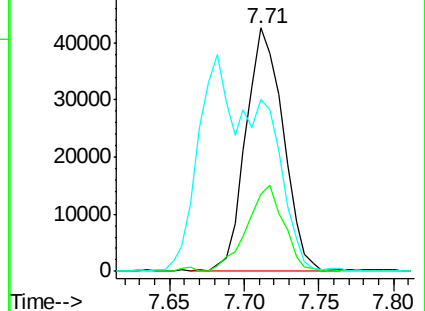
64 70.6 42.0 82.0



Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 6.83 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

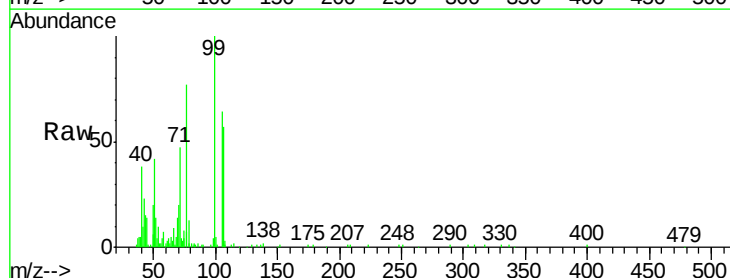
Tgt Ion: 77 Resp: 42628

Ion Ratio Lower Upper

77 100

105 83.2 58.7 98.7

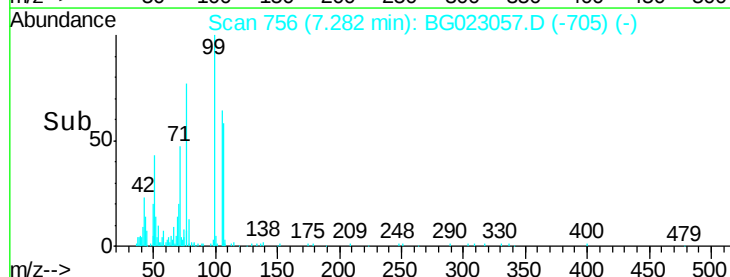
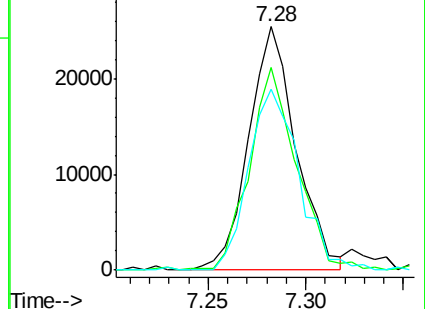
106 74.4 67.5 107.5

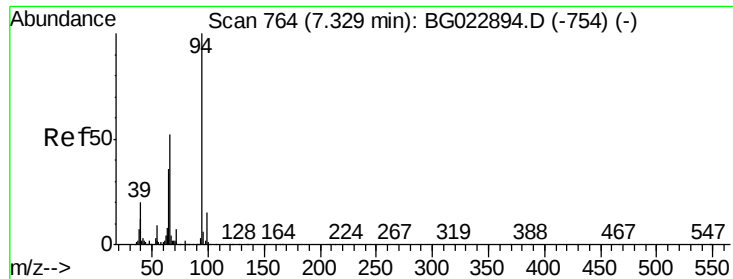


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 13.64 ng

RT: 7.34 min Scan# 765

Delta R.T. 0.01 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Instrument :

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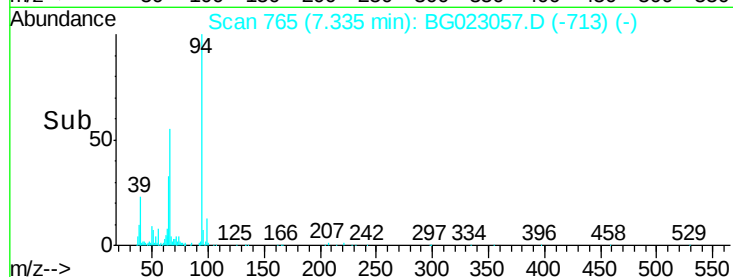
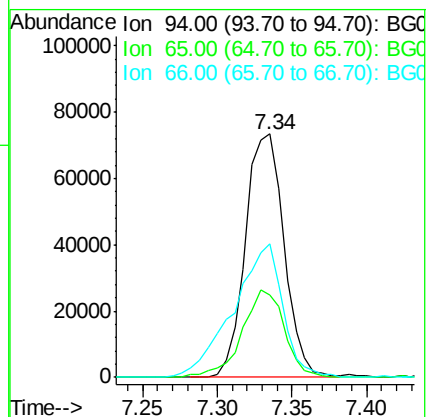
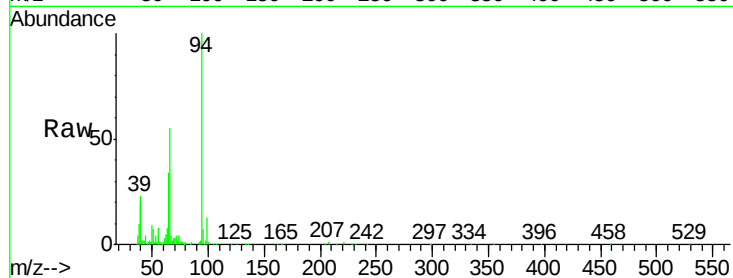
Tgt Ion: 94 Resp: 131199

Ion Ratio Lower Upper

94 100

65 33.7 18.1 58.1

66 54.9 42.1 82.1



#11

bis(2-Chloroethyl)ether

Concen: 10.39 ng

RT: 7.56 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

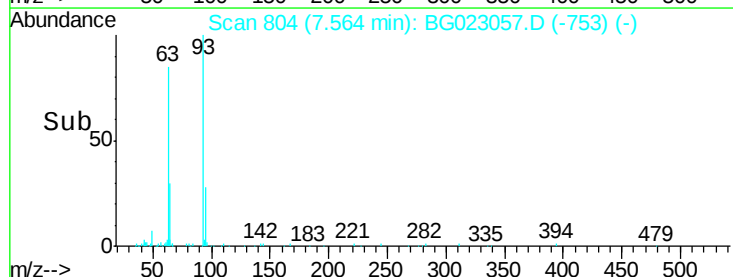
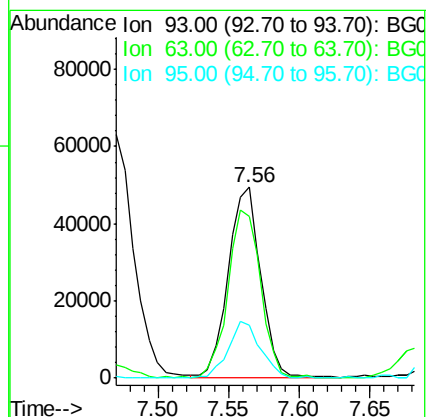
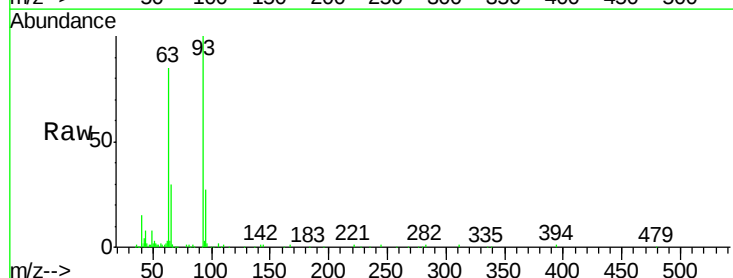
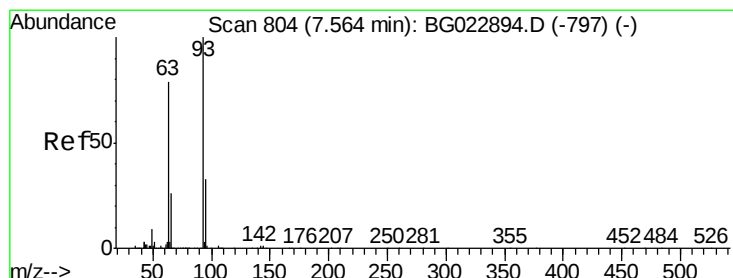
Tgt Ion: 93 Resp: 79155

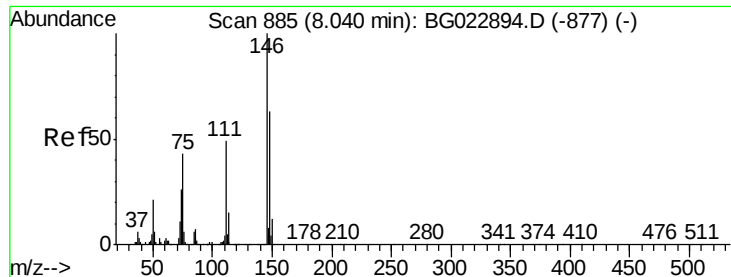
Ion Ratio Lower Upper

93 100

63 84.8 55.0 95.0

95 27.5 11.0 51.0





#12

1,3-Dichlorobenzene

Concen: 10.57 ng

RT: 8.04 min Scan# 885

Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MSD

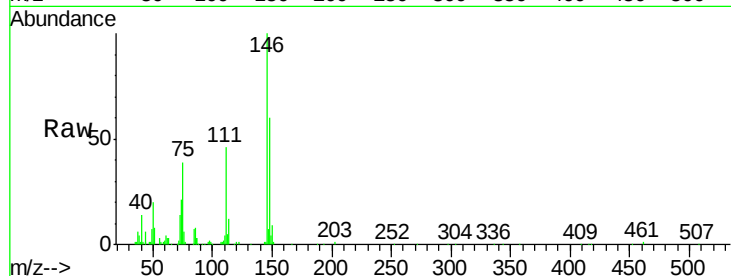
Tgt Ion:146 Resp: 82169

Ion Ratio Lower Upper

146 100

148 59.9 50.3 75.5

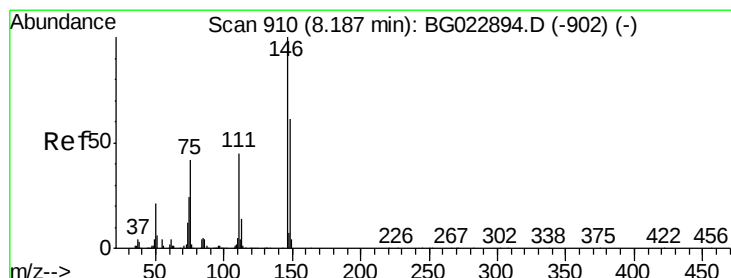
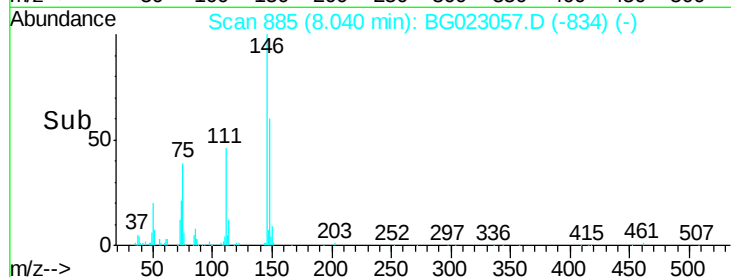
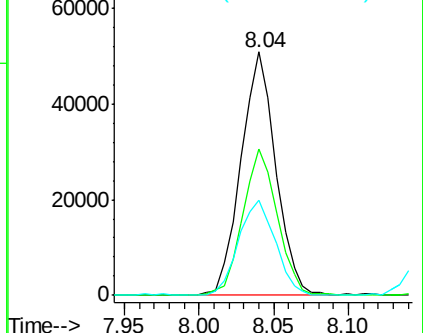
75 38.8 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): B



#13

1,4-Dichlorobenzene

Concen: 10.53 ng

RT: 8.19 min Scan# 911

Delta R.T. 0.01 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

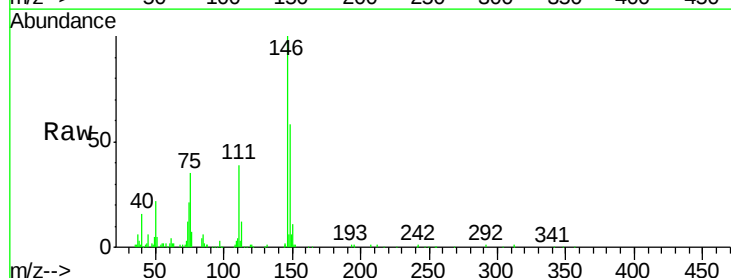
Tgt Ion:146 Resp: 81917

Ion Ratio Lower Upper

146 100

148 58.1 54.5 81.7

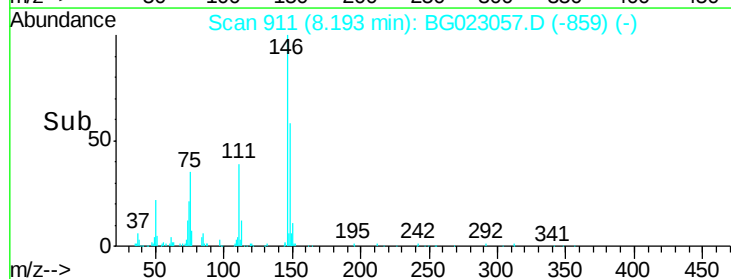
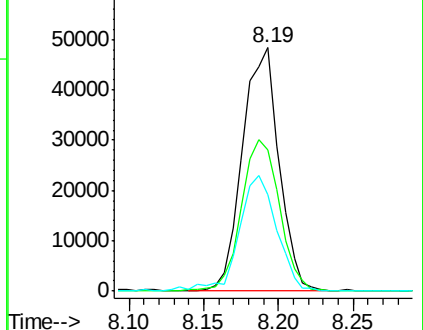
111 39.4 37.8 56.8

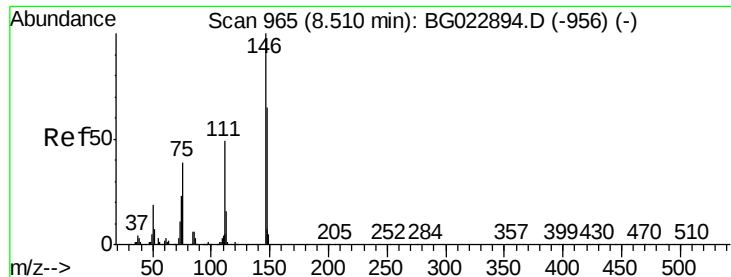


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

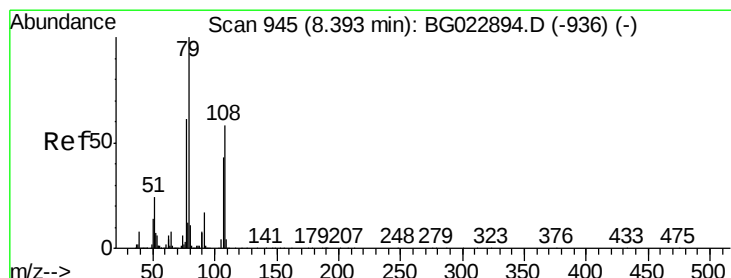
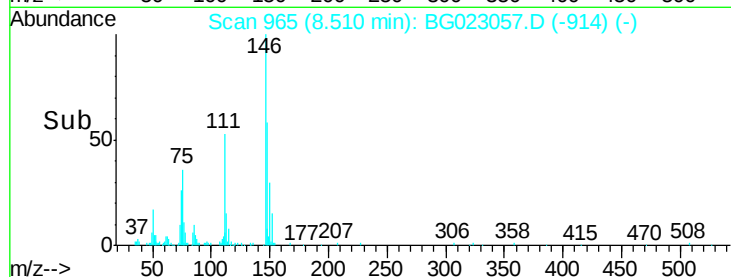
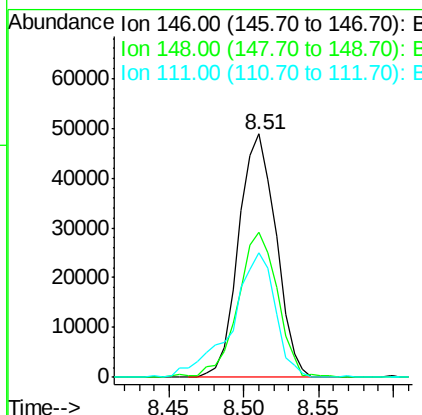
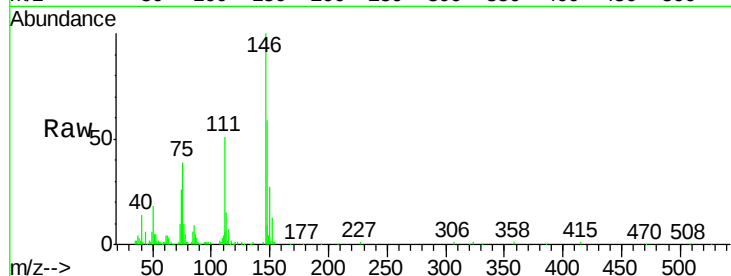




#14
 1,2-Dichlorobenzene
 Concen: 10.96 ng
 RT: 8.51 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BG023057.D
 Acq: 13 Jul 2016 5:28

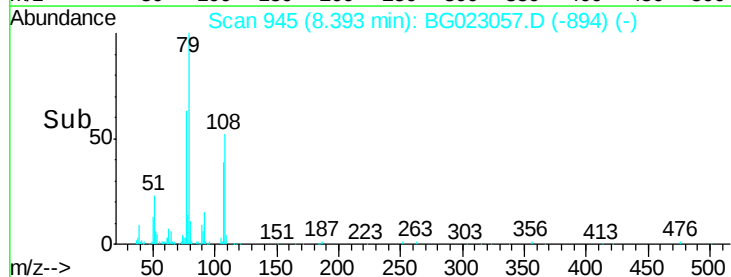
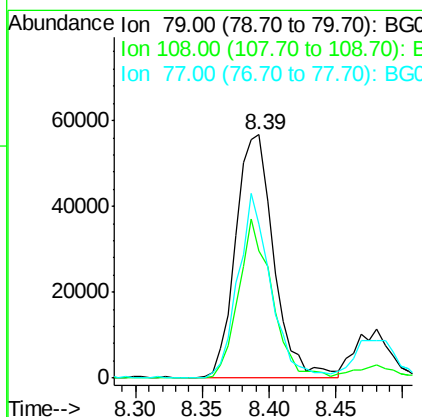
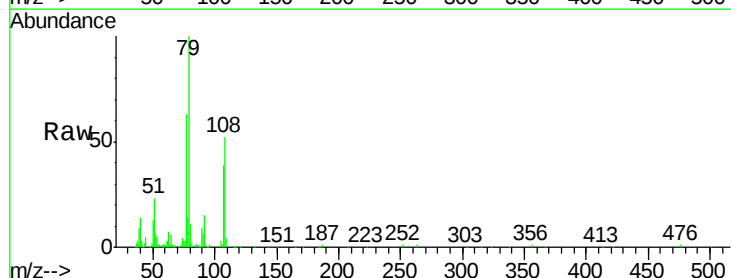
Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MSD

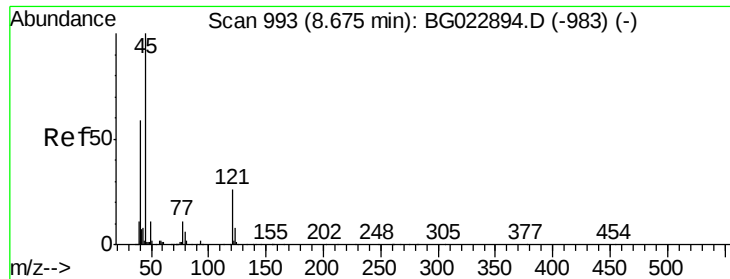
Tgt Ion:146 Resp: 84788
 Ion Ratio Lower Upper
 146 100
 148 59.5 52.9 79.3
 111 51.2 43.5 65.3



#15
 Benzyl Alcohol
 Concen: 13.12 ng
 RT: 8.39 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BG023057.D
 Acq: 13 Jul 2016 5:28

Tgt Ion: 79 Resp: 112328
 Ion Ratio Lower Upper
 79 100
 108 52.5 46.5 69.7
 77 63.2 52.3 78.5

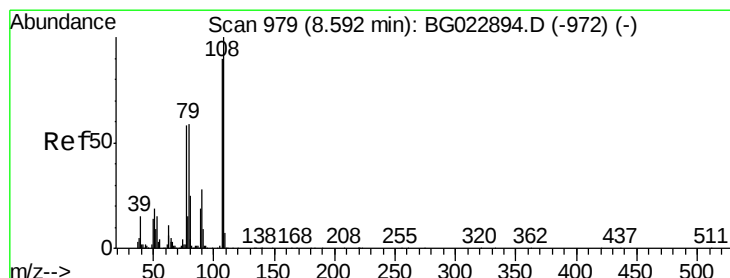
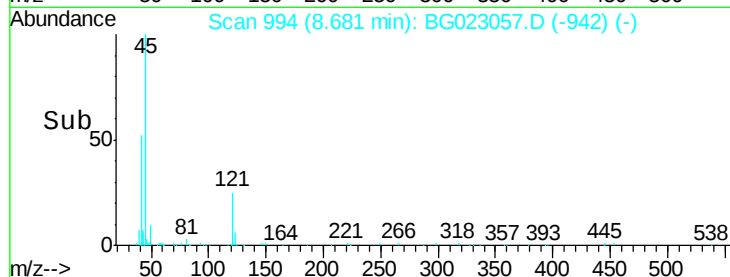
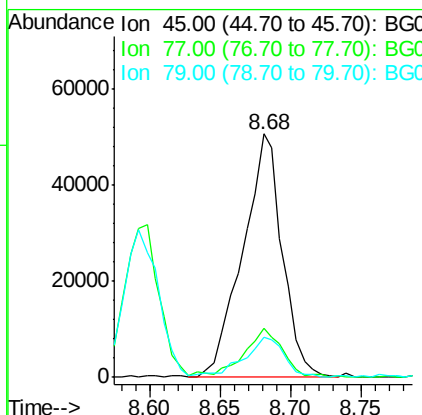
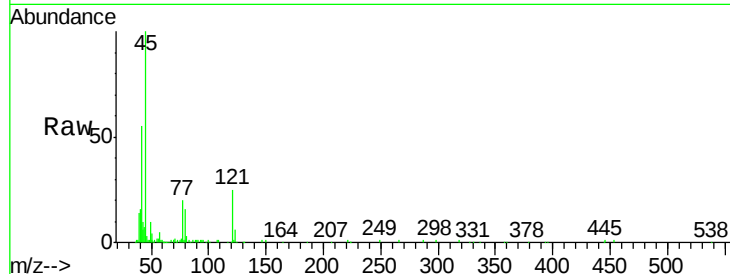




#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.67 ng
RT: 8.68 min Scan# 994
Delta R.T. 0.01 min
Lab File: BG023057.D
Acq: 13 Jul 2016 5:28

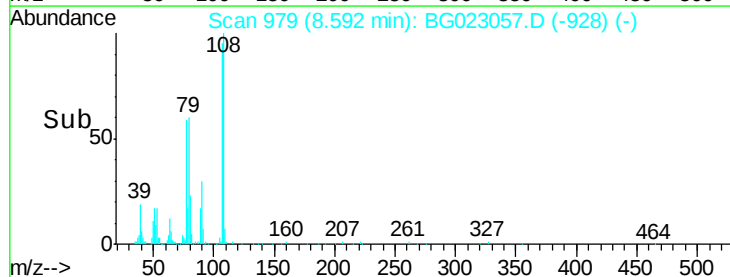
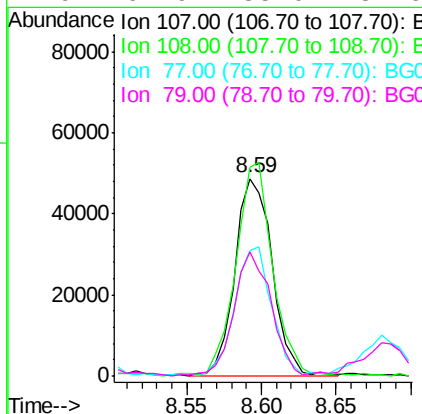
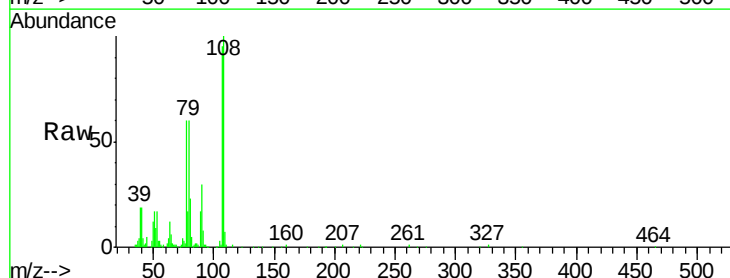
Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

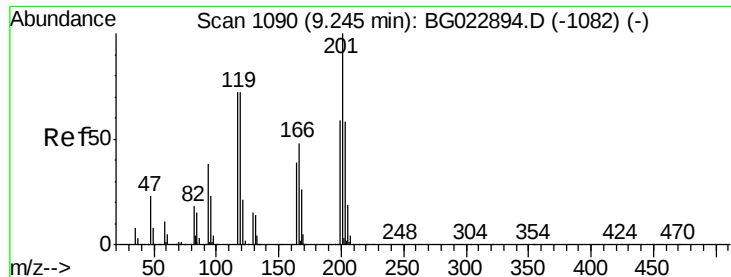
Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.2	0.6	40.6
79	16.4	0.0	36.2



#17
2-Methylphenol
Concen: 13.53 ng
RT: 8.59 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG023057.D
Acq: 13 Jul 2016 5:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	105.7	92.0	138.0
77	63.4	55.8	83.6
79	62.9	55.0	82.6

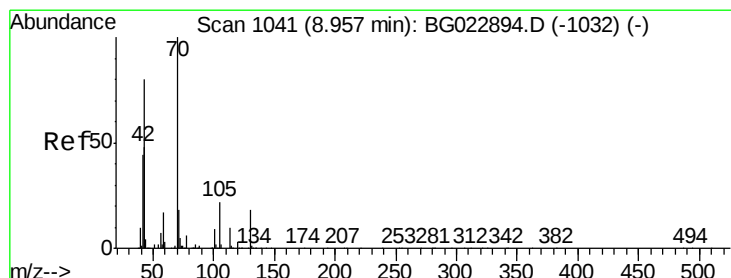
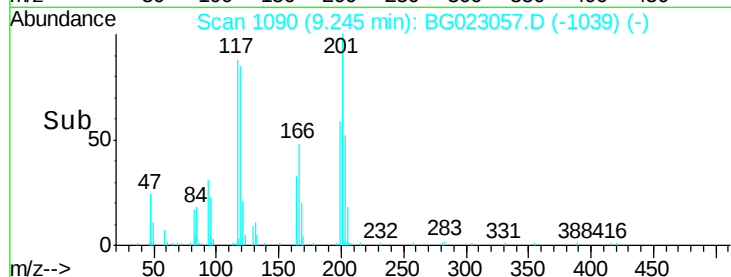
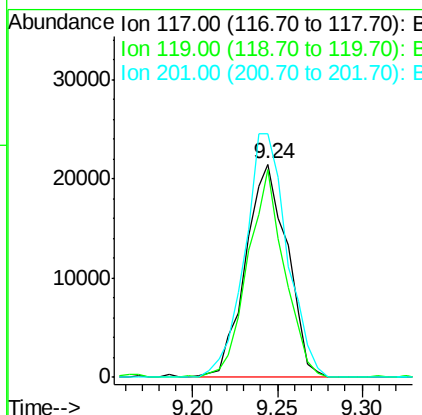
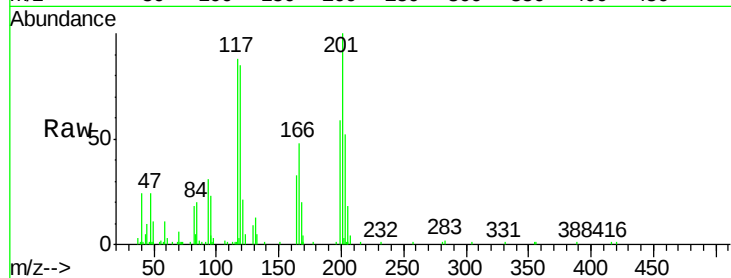




#18
Hexachloroethane
Concen: 11.25 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BG023057.D
Acq: 13 Jul 2016 5:28

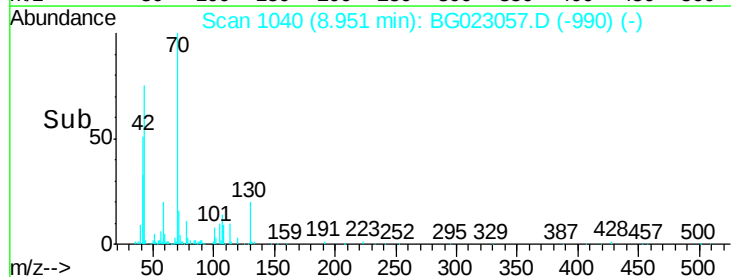
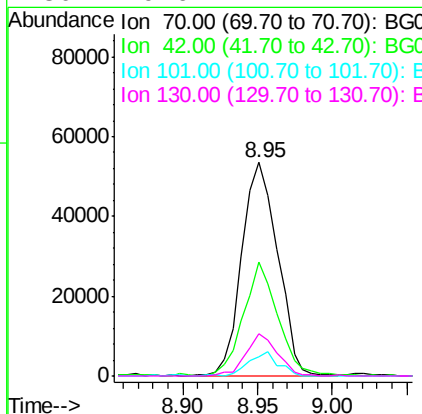
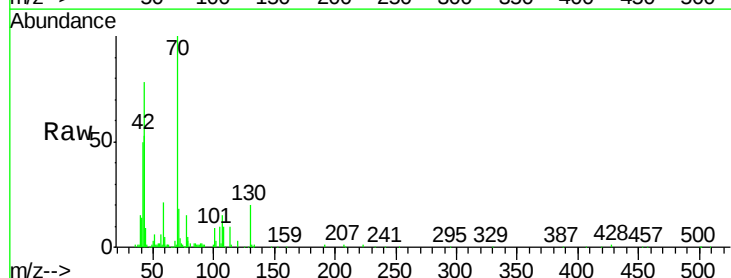
Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

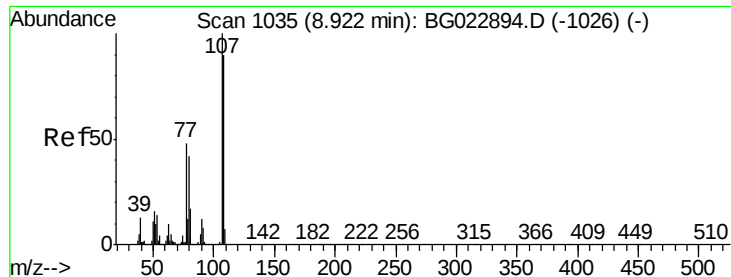
Tgt Ion: 117 Resp: 36954
Ion Ratio Lower Upper
117 100
119 97.5 73.7 110.5
201 114.2 88.7 133.1



#19
n-Nitroso-di-n-propylamine
Concen: 10.60 ng
RT: 8.95 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG023057.D
Acq: 13 Jul 2016 5:28

Tgt Ion: 70 Resp: 89337
Ion Ratio Lower Upper
70 100
42 53.4 42.1 63.1
101 9.0 7.2 10.8
130 19.6 14.2 21.2

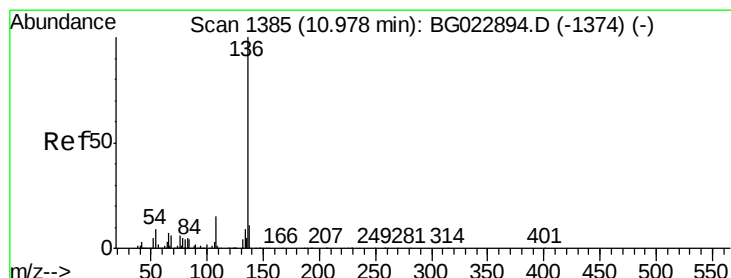
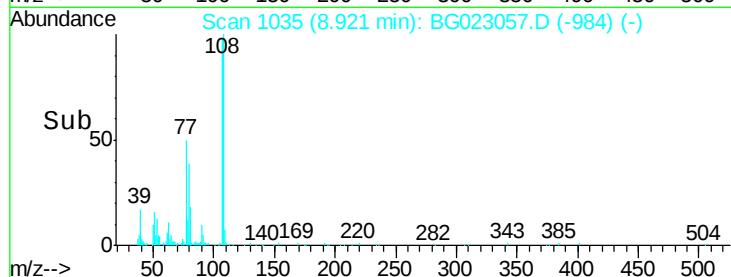
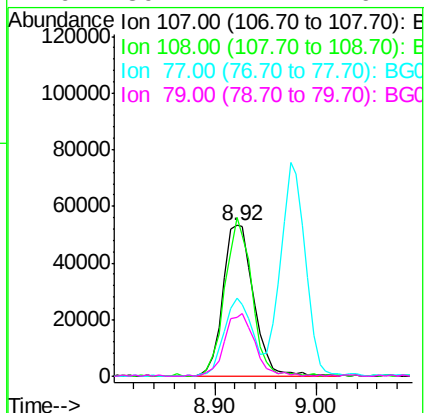
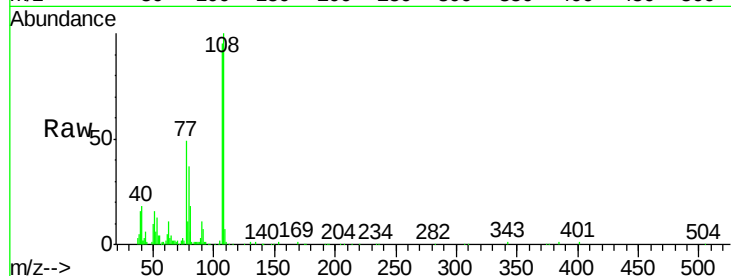




#20
3+4-Methylphenols
Concen: 12.86 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG023057.D
Acq: 13 Jul 2016 5:28

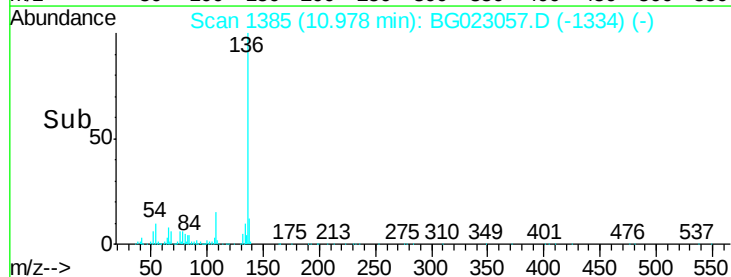
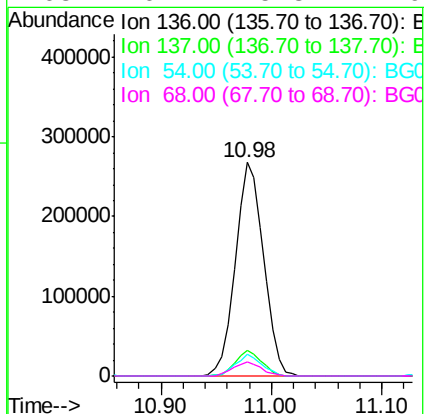
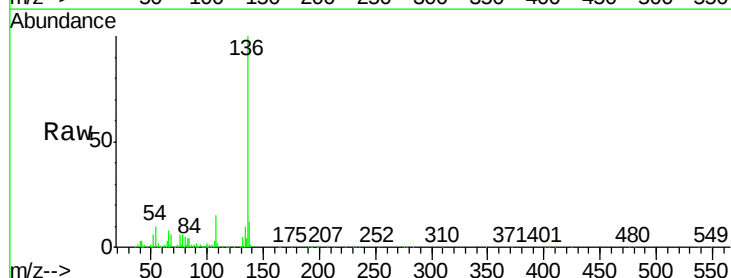
Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

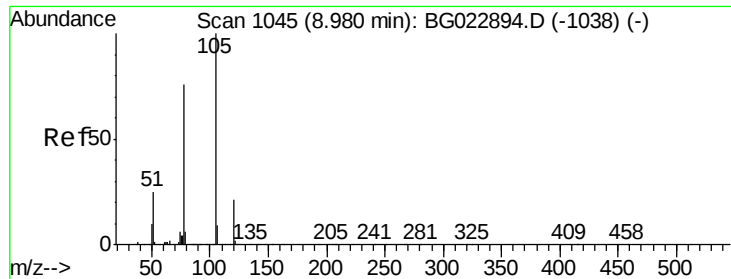
Tgt Ion:	107	Resp:	112249
Ion	Ratio	Lower	Upper
107	100		
108	105.1	72.5	112.5
77	51.6	30.1	70.1
79	39.4	24.2	64.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023057.D
Acq: 13 Jul 2016 5:28

Tgt Ion:	136	Resp:	478657
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	10.0	7.3	10.9
68	6.4	5.3	7.9





#22

Acetophenone

Concen: 10.32 ng

RT: 8.97 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MSD

Tgt Ion: 105 Resp: 148315

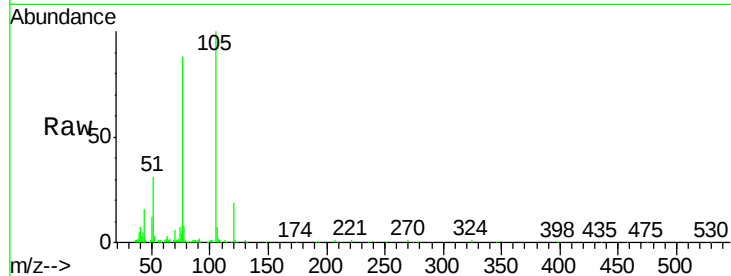
Ion Ratio Lower Upper

105 100

71 1.0 2.6 3.8#

51 30.5 27.1 40.7

120 19.0 15.1 22.7

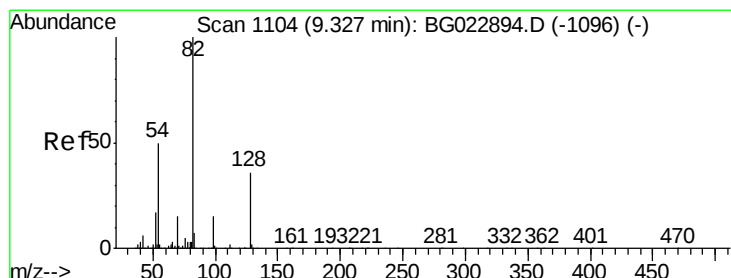
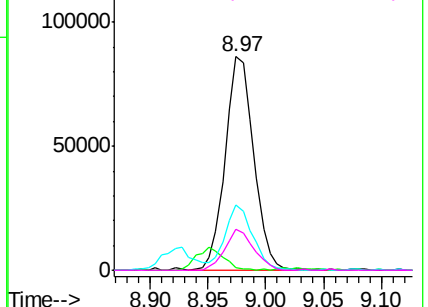
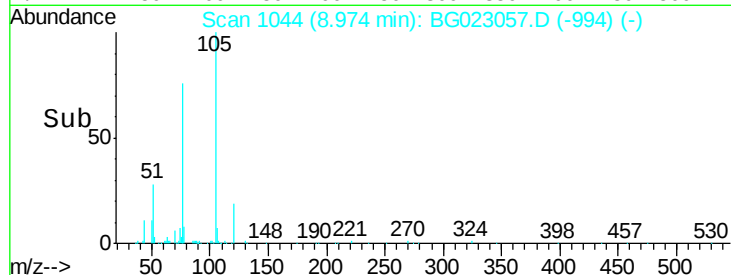


Abundance Ion 105.00 (104.70 to 105.70): B

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): B



#23

Nitrobenzene-d5

Concen: 98.51 ng

RT: 9.33 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

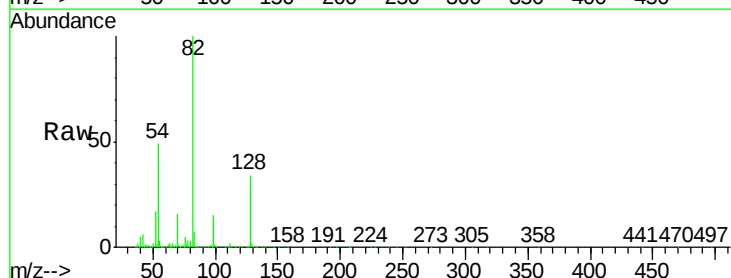
Tgt Ion: 82 Resp: 1101204

Ion Ratio Lower Upper

82 100

128 33.8 24.4 36.6

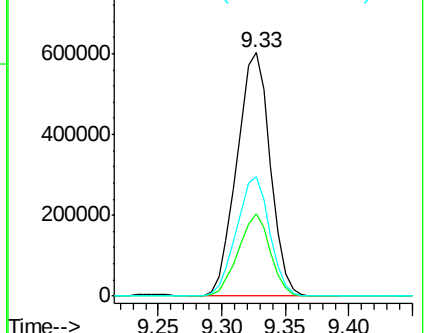
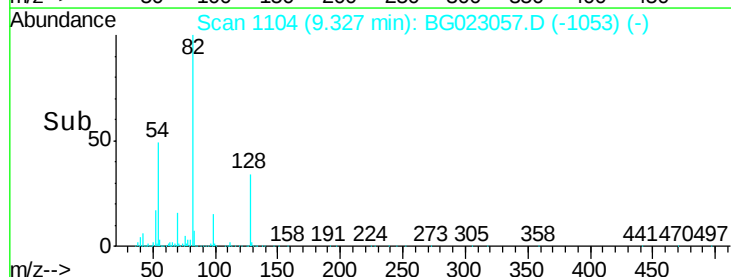
54 49.1 41.4 62.0

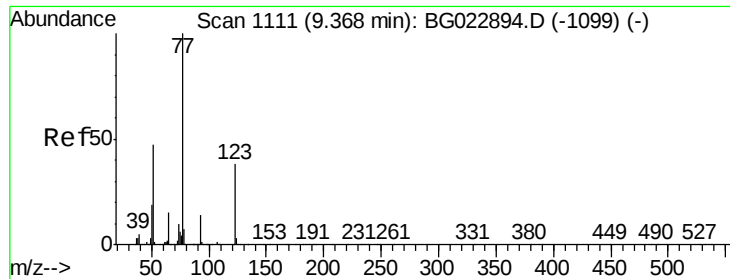


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BGC

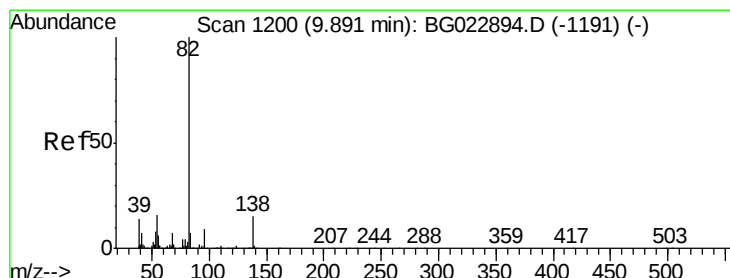
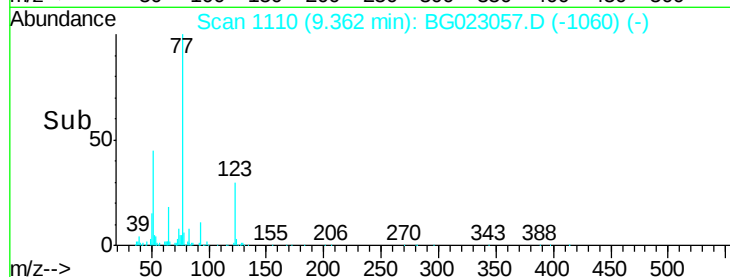
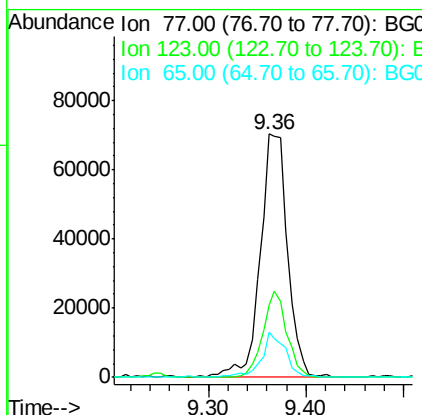
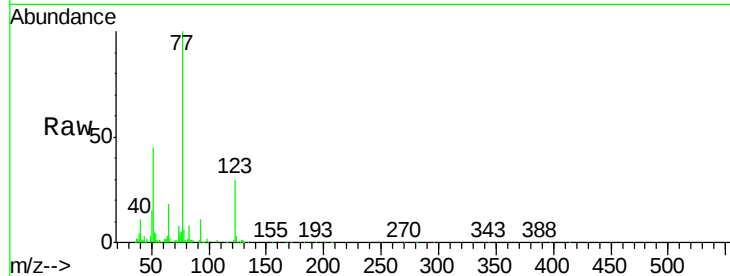




#24
Nitrobenzene
Concen: 11.66 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BG023057.D
Acq: 13 Jul 2016 5:28

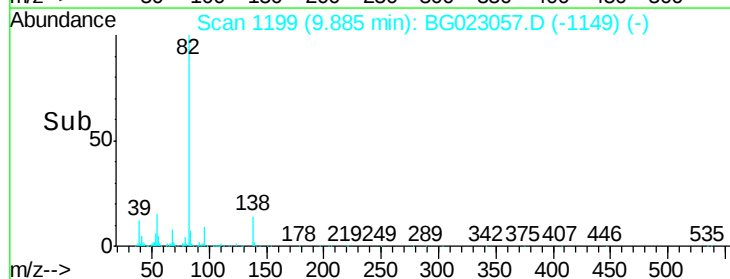
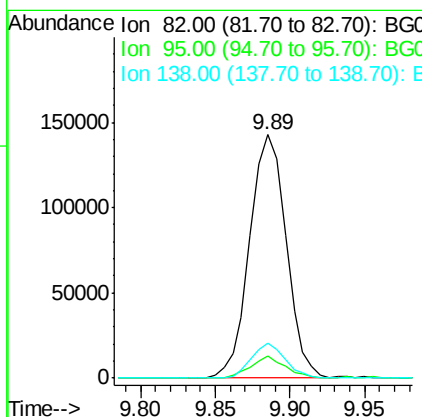
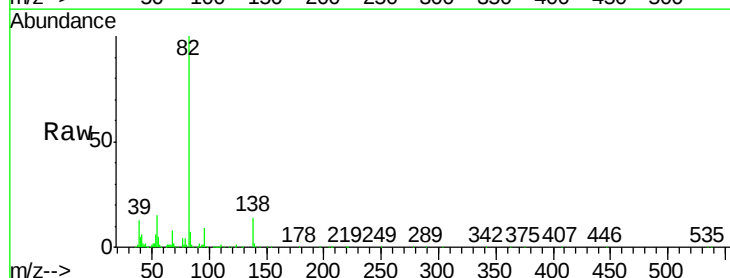
Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

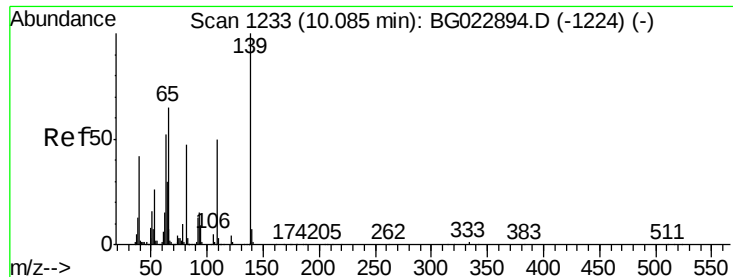
Tgt Ion	Ratio	Lower	Upper
77	100		
123	29.9	25.0	37.6
65	18.4	13.4	20.0



#25
Isophorone
Concen: 10.77 ng
RT: 9.89 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BG023057.D
Acq: 13 Jul 2016 5:28

Tgt Ion	Ratio	Lower	Upper
82	100		
95	9.1	8.2	12.2
138	14.3	10.7	16.1

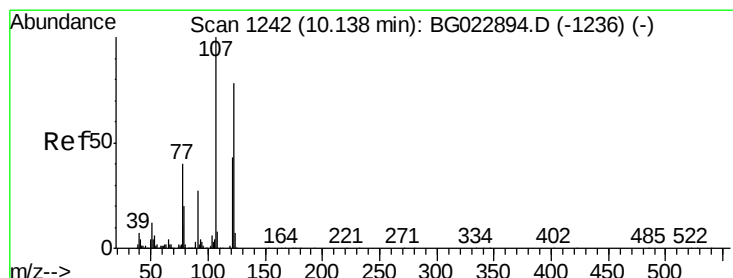
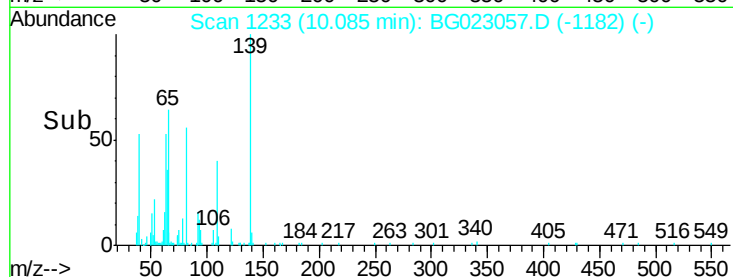
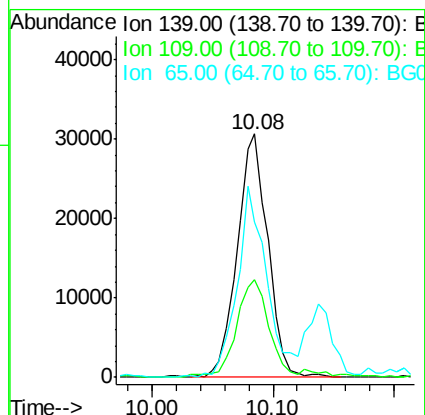
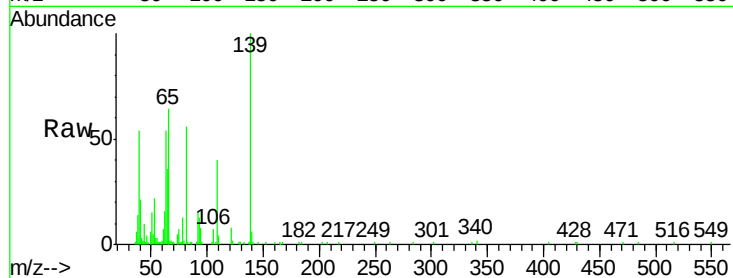




#26
2-Nitrophenol
Concen: 11.56 ng
RT: 10.08 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BG023057.D
Acq: 13 Jul 2016 5:28

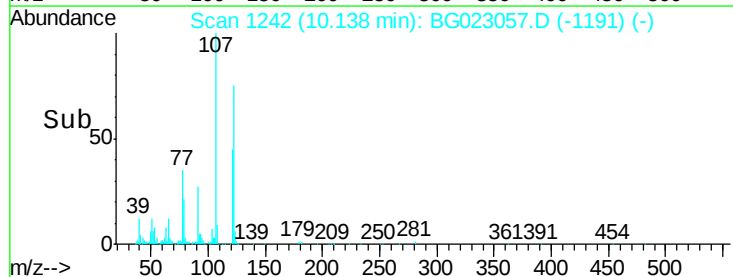
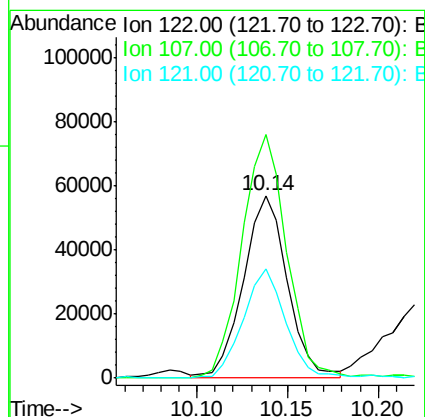
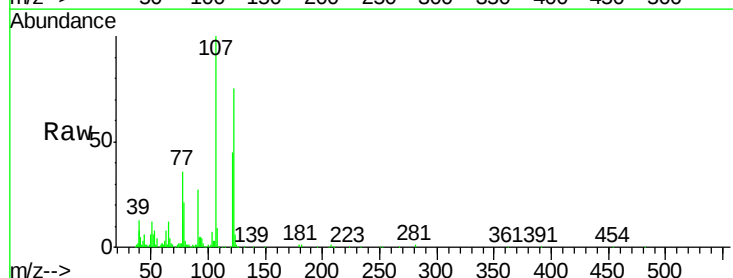
Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

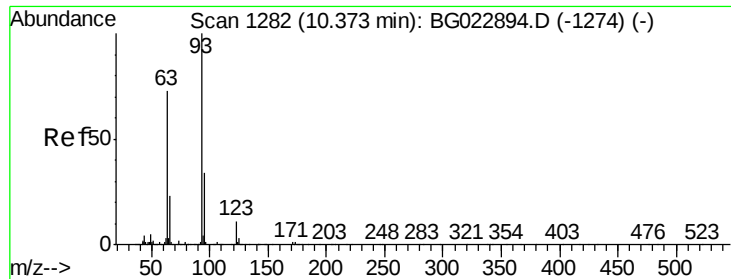
Tgt Ion:139 Resp: 53883
Ion Ratio Lower Upper
139 100
109 40.0 43.5 65.3#
65 63.9 64.3 96.5#



#27
2,4-Dimethylphenol
Concen: 11.78 ng
RT: 10.14 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BG023057.D
Acq: 13 Jul 2016 5:28

Tgt Ion:122 Resp: 94906
Ion Ratio Lower Upper
122 100
107 133.5 117.0 175.4
121 60.2 50.1 75.1

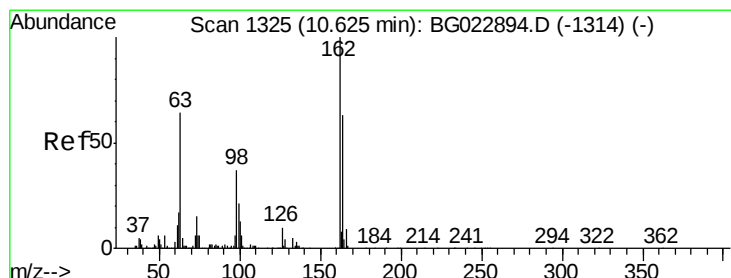
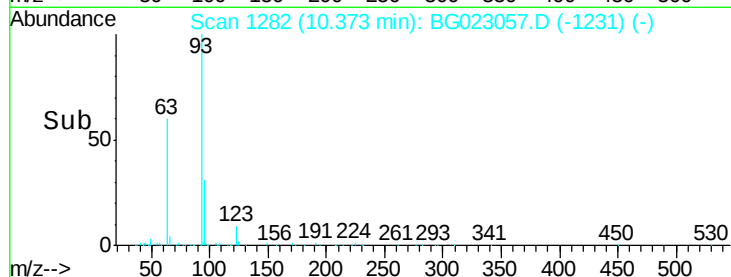
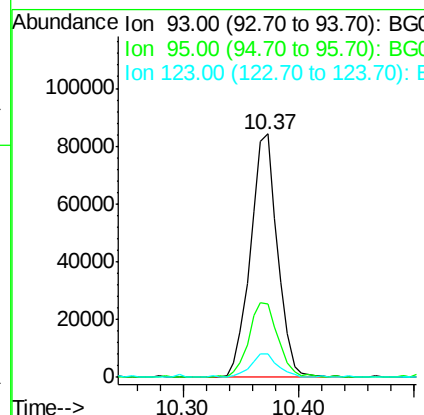
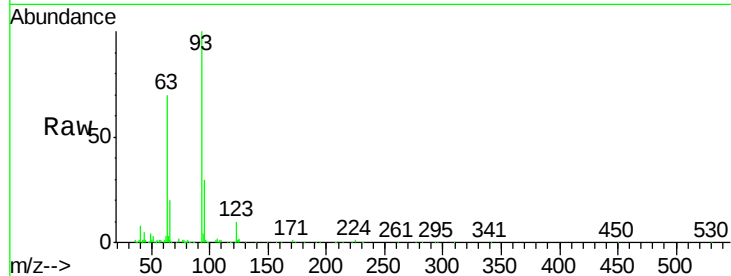




#28
bis(2-Chloroethoxy)methane
Concen: 10.93 ng
RT: 10.37 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BG023057.D
Acq: 13 Jul 2016 5:28

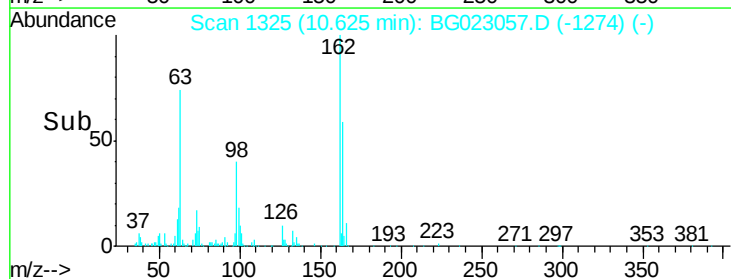
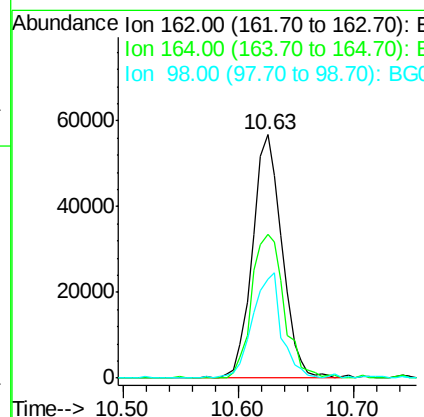
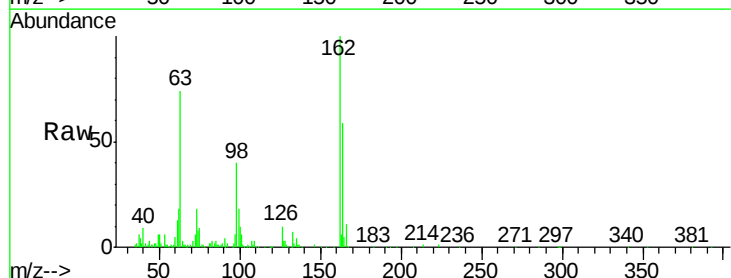
Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

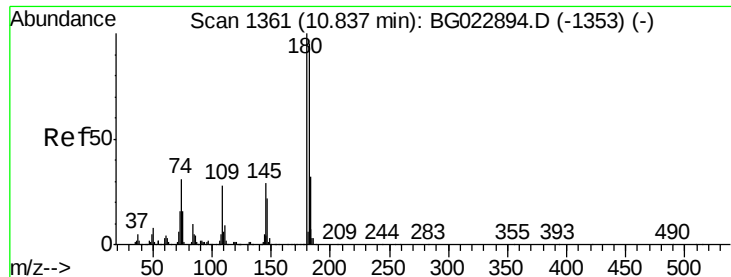
Tgt Ion: 93 Resp: 137023
Ion Ratio Lower Upper
93 100
95 30.3 25.4 38.2
123 9.7 8.2 12.2



#29
2,4-Dichlorophenol
Concen: 11.80 ng
RT: 10.63 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG023057.D
Acq: 13 Jul 2016 5:28

Tgt Ion: 162 Resp: 101362
Ion Ratio Lower Upper
162 100
164 59.0 44.3 84.3
98 40.5 19.5 59.5

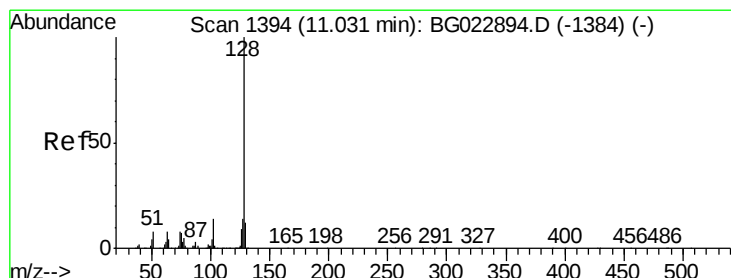
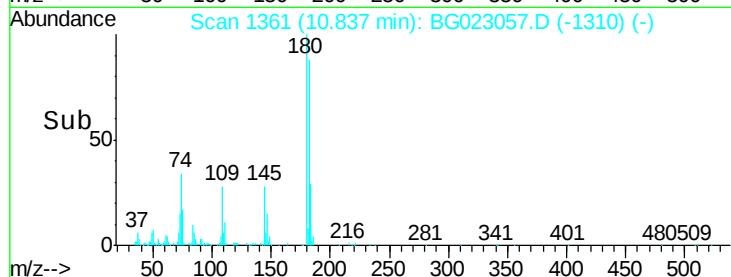
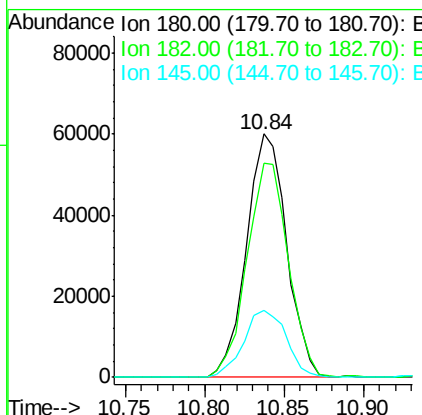
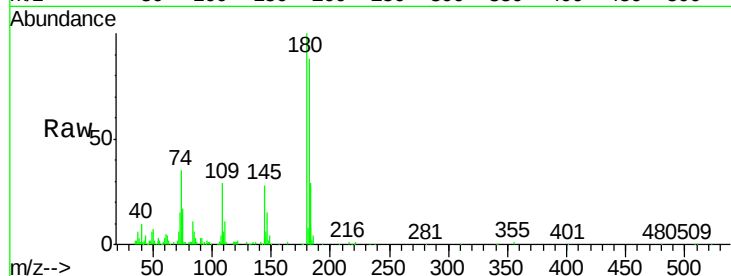




#30
 1,2,4-Trichlorobenzene
 Concen: 10.73 ng
 RT: 10.84 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BG023057.D
 Acq: 13 Jul 2016 5:28

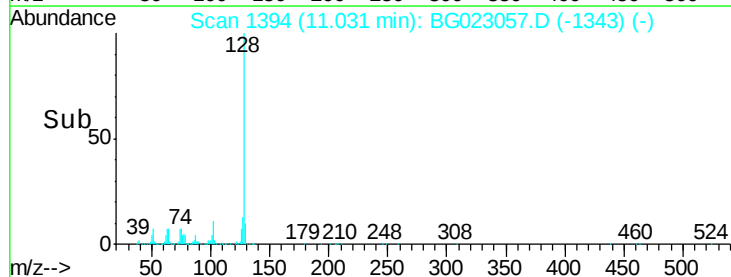
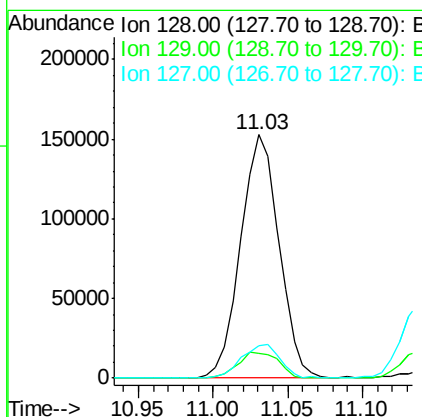
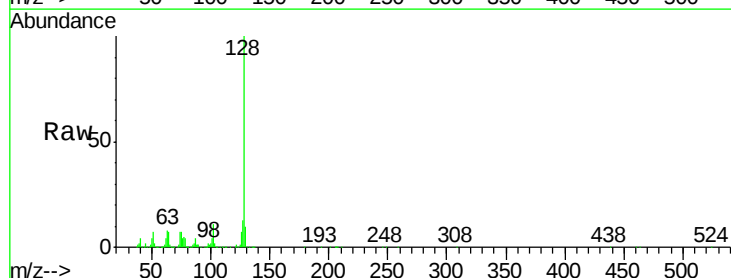
Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MSD

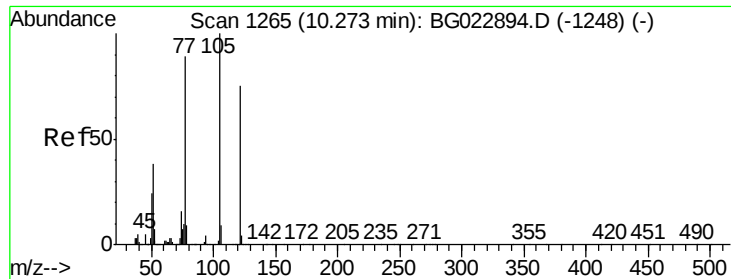
Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.9	73.8	110.8
145	27.5	24.4	36.6



#31
 Naphthalene
 Concen: 11.16 ng
 RT: 11.03 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BG023057.D
 Acq: 13 Jul 2016 5:28

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.4	14.0
127	13.4	11.3	16.9





#32

Benzoic acid

Concen: 7.27 ng

RT: 10.23 min Scan# 1257

Delta R.T. -0.05 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MSD

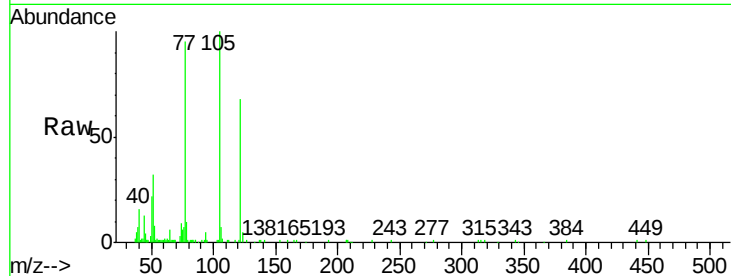
Tgt Ion:122 Resp: 53316

Ion Ratio Lower Upper

122 100

105 147.0 117.2 157.2

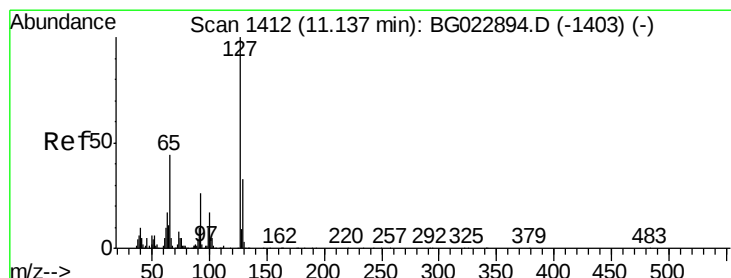
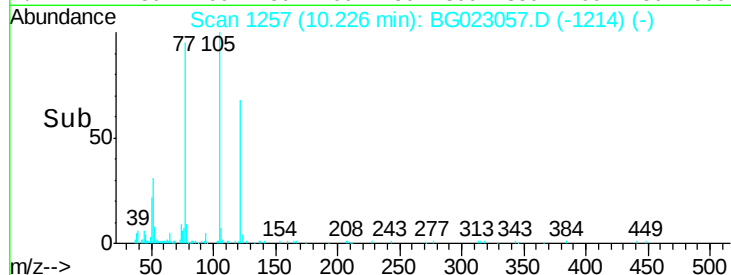
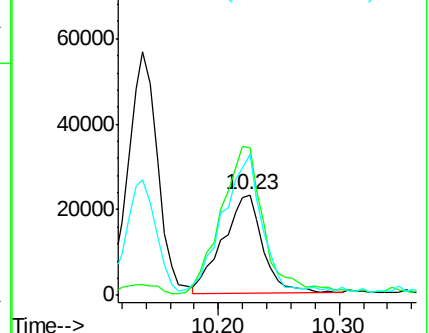
77 140.3 109.2 149.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 7.56 ng

RT: 11.14 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Tgt Ion:127 Resp: 90087

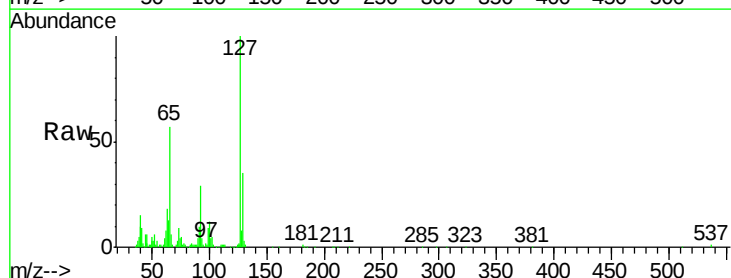
Ion Ratio Lower Upper

127 100

129 35.0 27.9 41.9

65 56.9 36.8 55.2#

92 28.7 21.0 31.6

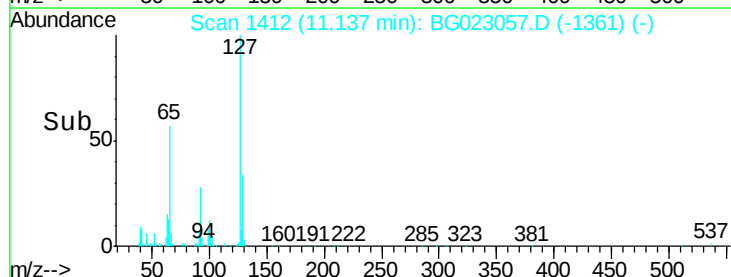
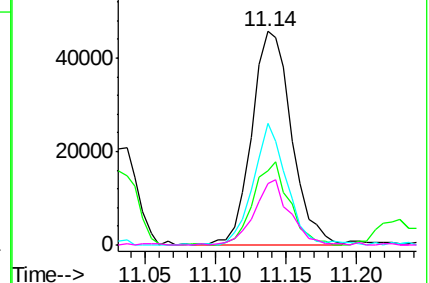


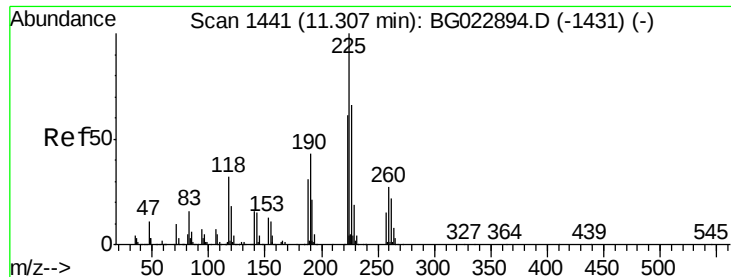
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#34

Hexachlorobutadiene

Concen: 9.78 ng

RT: 11.31 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

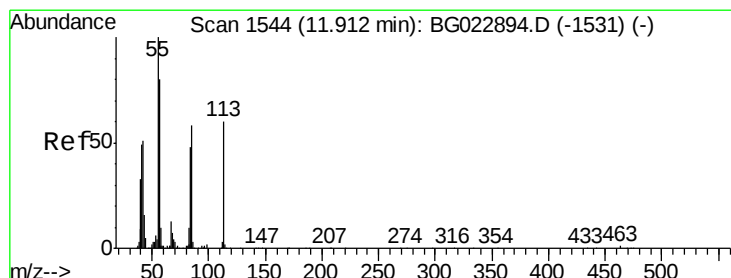
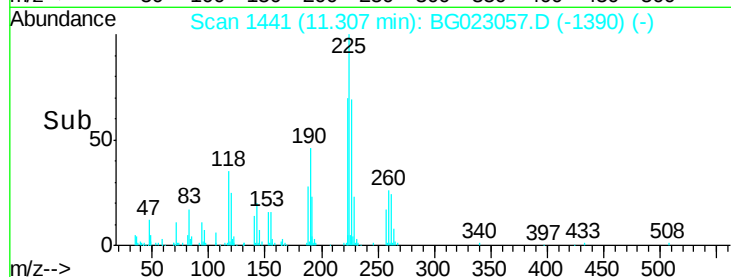
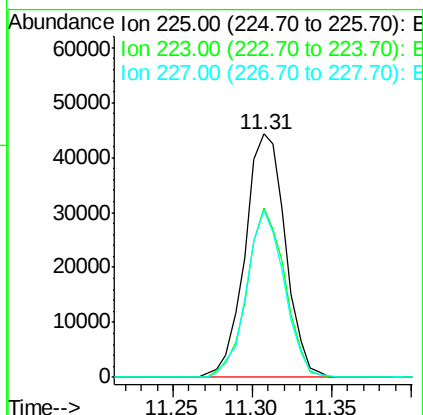
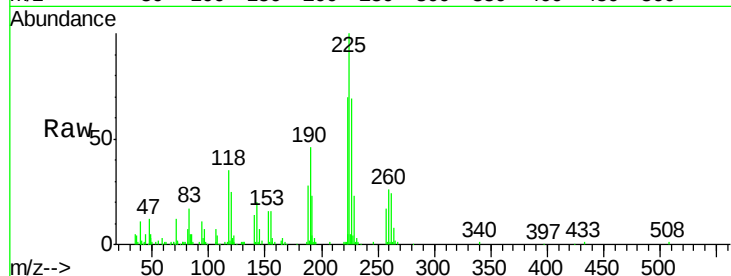
Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MSD

Tgt Ion:	225	Resp:	78037
Ion	Ratio	Lower	Upper
225	100		
223	70.6	49.6	74.4
227	65.3	54.5	81.7



#35

Caprolactam

Concen: 9.45 ng

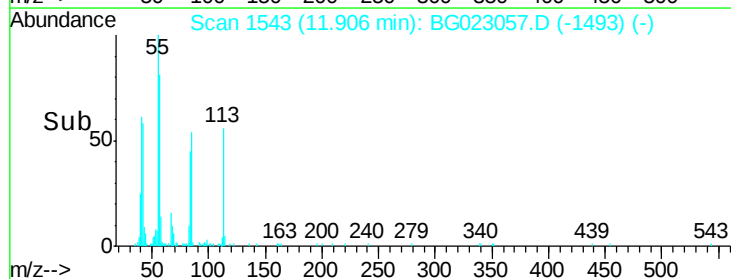
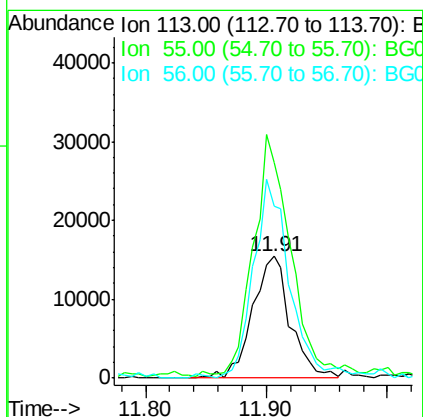
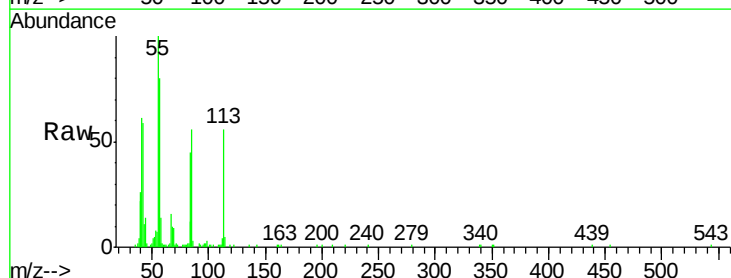
RT: 11.91 min Scan# 1543

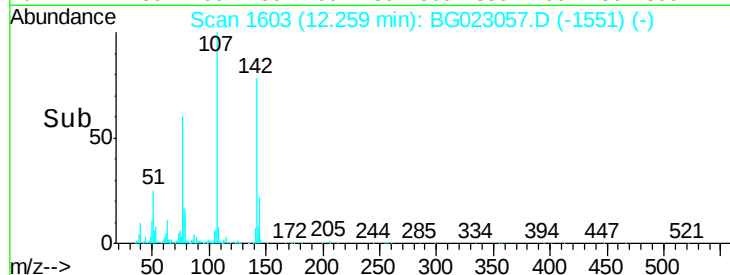
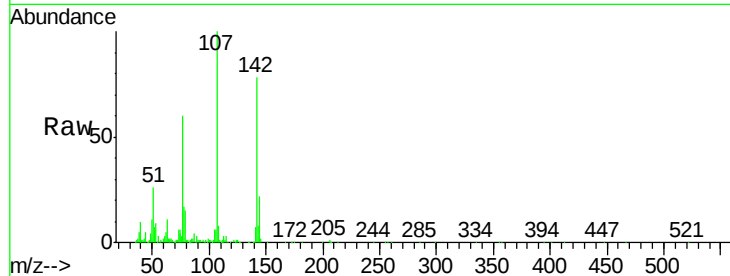
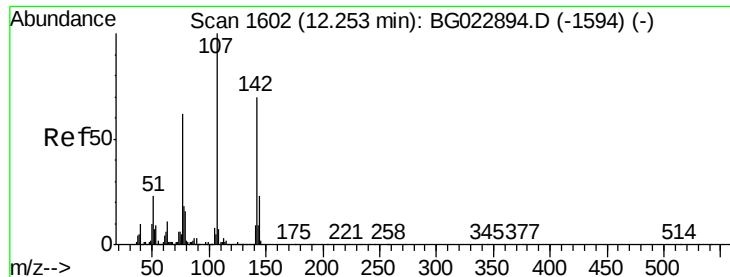
Delta R.T. -0.01 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Tgt Ion:	113	Resp:	33395
Ion	Ratio	Lower	Upper
113	100		
55	177.6	154.5	194.5
56	142.0	125.1	165.1

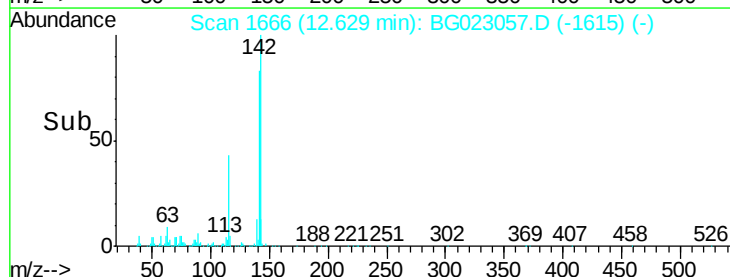
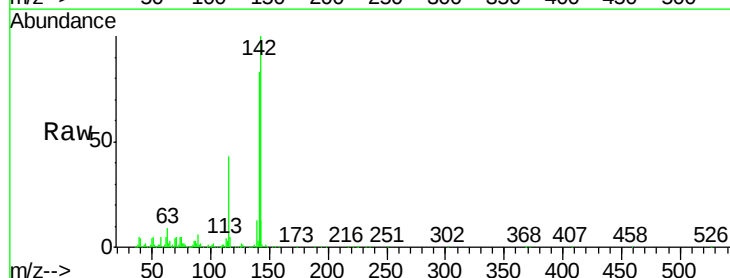
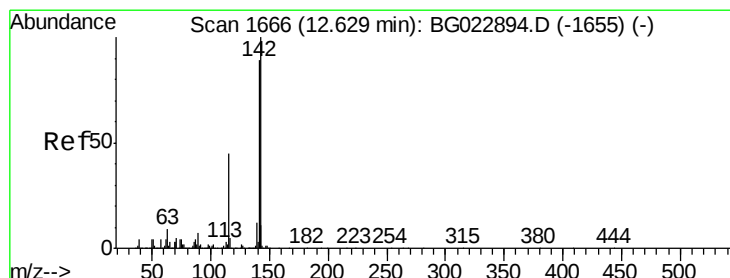
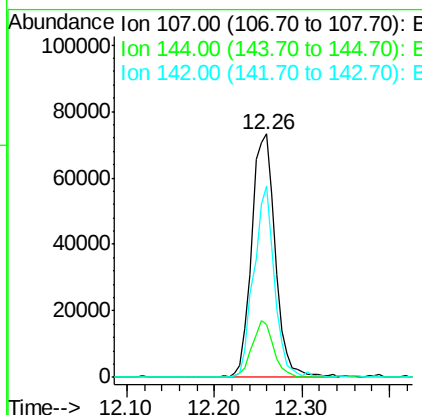




#36
4-Chloro-3-methylphenol
Concen: 11.42 ng
RT: 12.26 min Scan# 1603
Delta R.T. 0.01 min
Lab File: BG023057.D
Acq: 13 Jul 2016 5:28

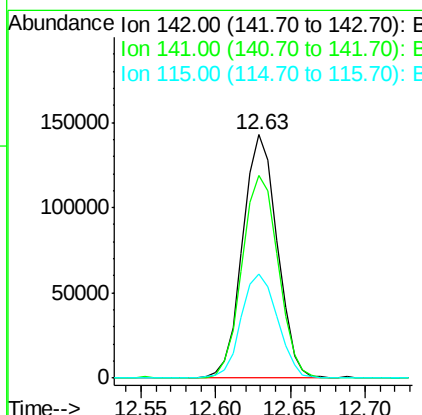
Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

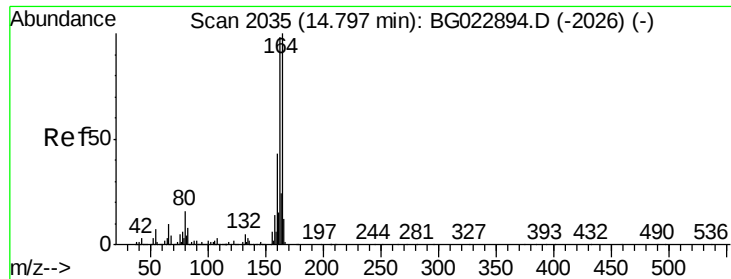
Tgt Ion:107 Resp: 134215
Ion Ratio Lower Upper
107 100
144 21.8 17.0 25.6
142 78.3 53.0 79.6



#37
2-Methylnaphthalene
Concen: 11.92 ng
RT: 12.63 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG023057.D
Acq: 13 Jul 2016 5:28

Tgt Ion:142 Resp: 229469
Ion Ratio Lower Upper
142 100
141 83.2 70.2 105.2
115 42.9 41.7 62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MSD

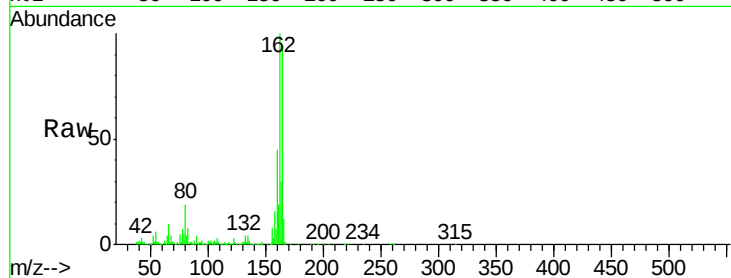
Tgt Ion:164 Resp: 351173

Ion Ratio Lower Upper

164 100

162 105.9 87.7 131.5

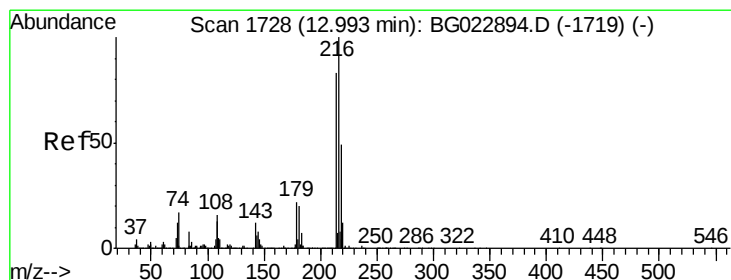
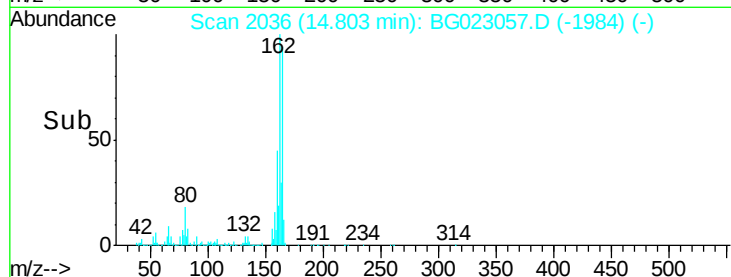
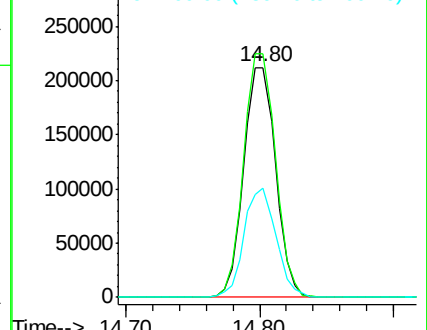
160 47.4 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 9.69 ng

RT: 12.99 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Tgt Ion:216 Resp: 146572

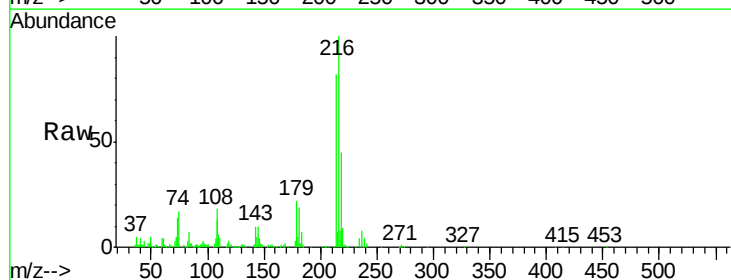
Ion Ratio Lower Upper

216 100

214 79.6 62.9 94.3

179 20.1 17.2 25.8

108 20.9 16.3 24.5

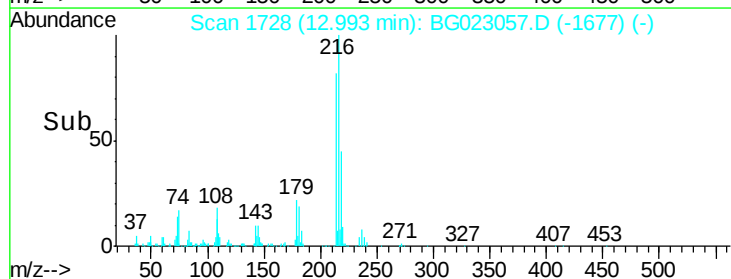
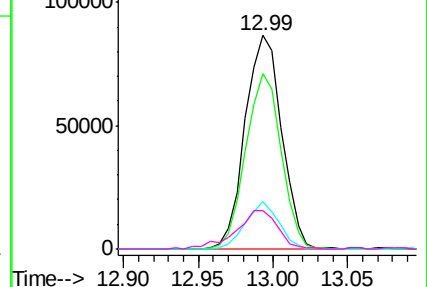


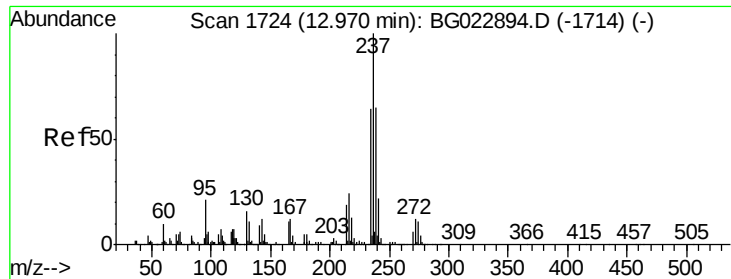
Abundance Ion 216.00 (215.70 to 216.70): E

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





#40

Hexachlorocyclopentadiene

Concen: 16.44 ng

RT: 12.97 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MSD

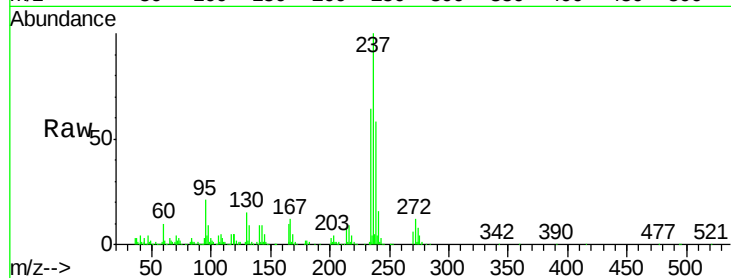
Tgt Ion: 237 Resp: 143192

Ion Ratio Lower Upper

237 100

235 63.6 43.1 83.1

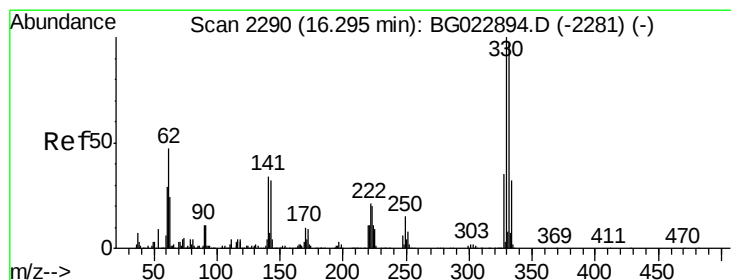
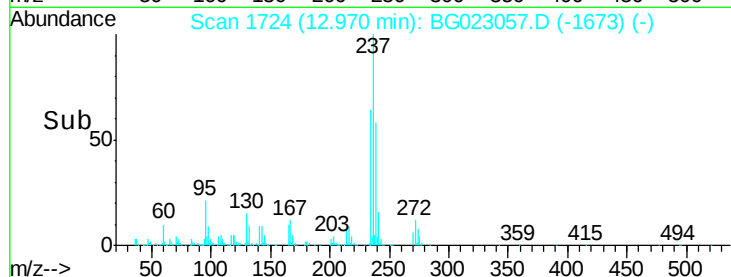
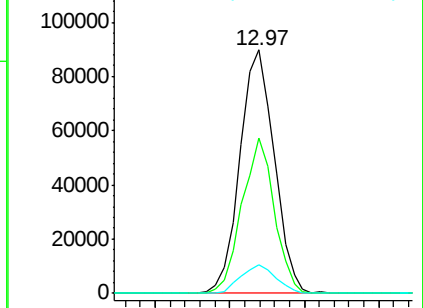
272 11.8 0.0 30.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 122.79 ng

RT: 16.30 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

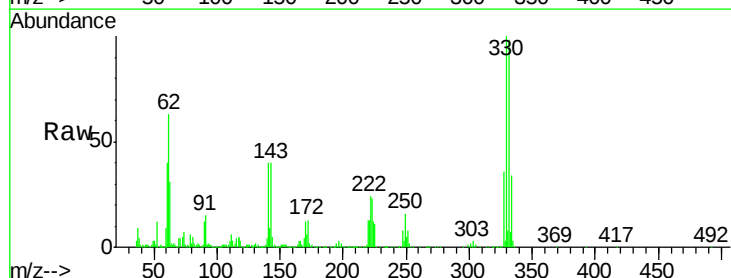
Tgt Ion: 330 Resp: 774962

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

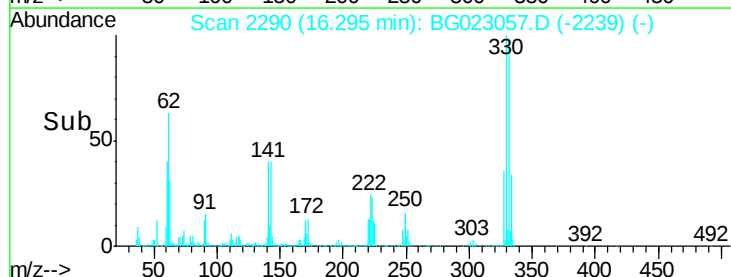
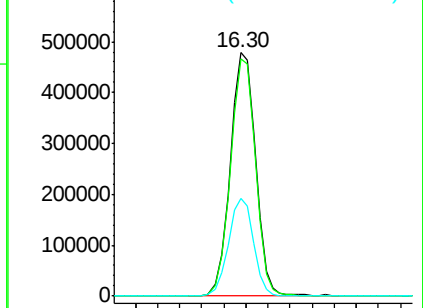
141 39.6 31.7 47.5

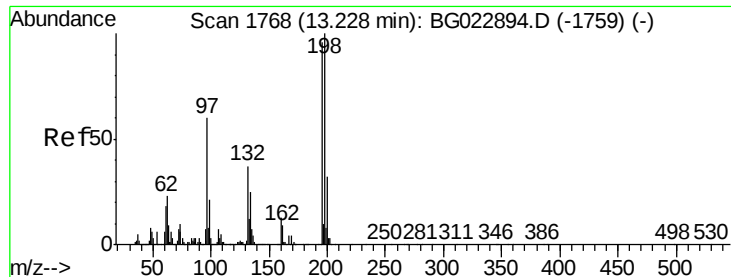


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

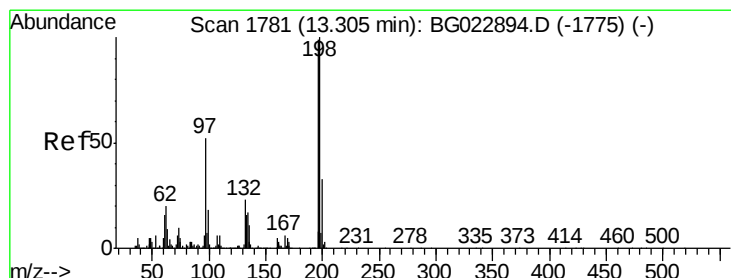
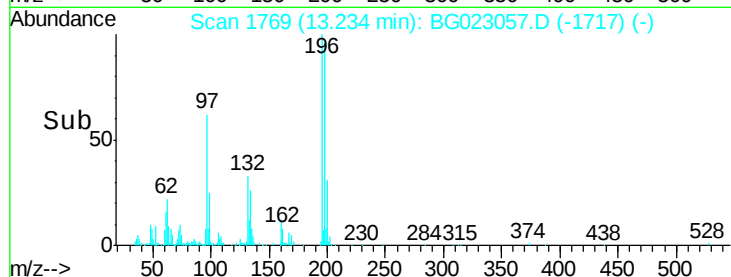
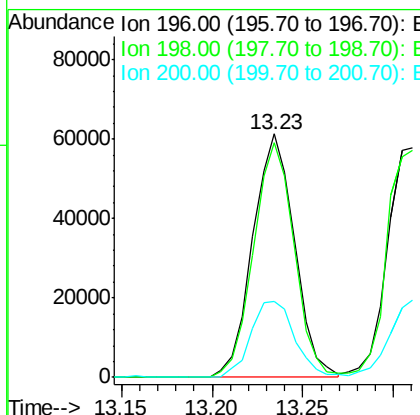
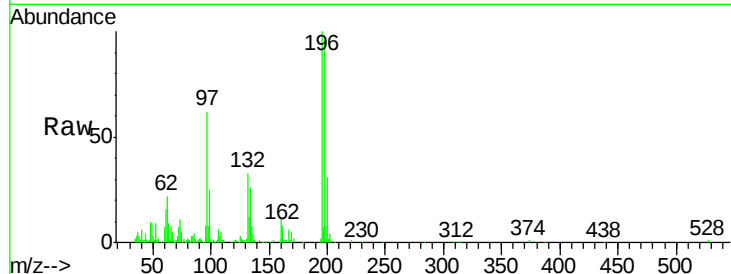




#42
 2,4,6-Trichlorophenol
 Concen: 11.25 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.01 min
 Lab File: BG023057.D
 Acq: 13 Jul 2016 5:28

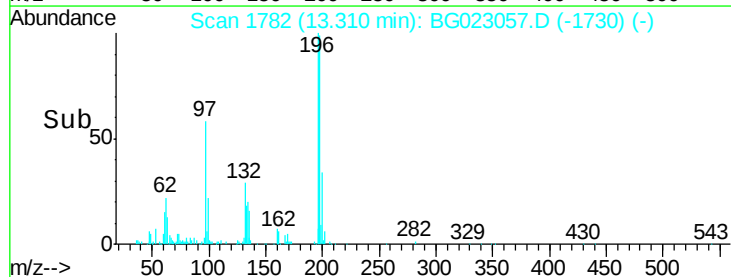
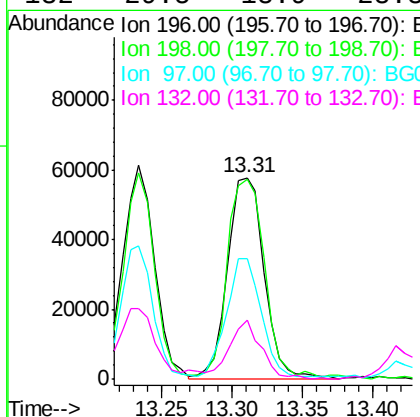
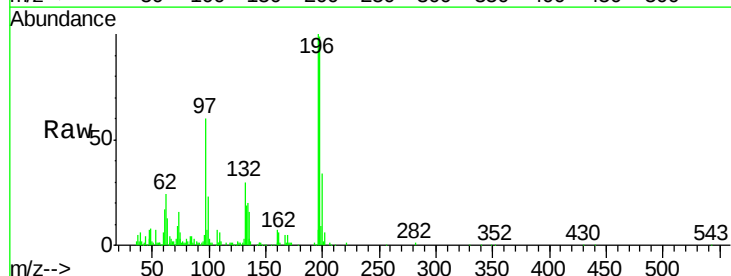
Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MSD

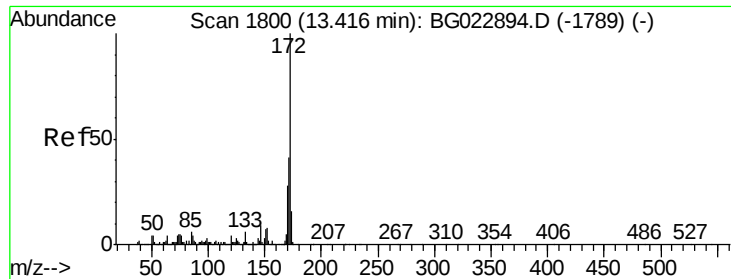
Tgt Ion:196 Resp: 97826
 Ion Ratio Lower Upper
 196 100
 198 96.4 78.2 117.2
 200 31.2 27.0 40.4



#43
 2,4,5-Trichlorophenol
 Concen: 11.73 ng
 RT: 13.31 min Scan# 1782
 Delta R.T. 0.01 min
 Lab File: BG023057.D
 Acq: 13 Jul 2016 5:28

Tgt Ion:196 Resp: 104776
 Ion Ratio Lower Upper
 196 100
 198 99.2 85.7 128.5
 97 59.8 45.5 68.3
 132 29.5 18.9 28.3#

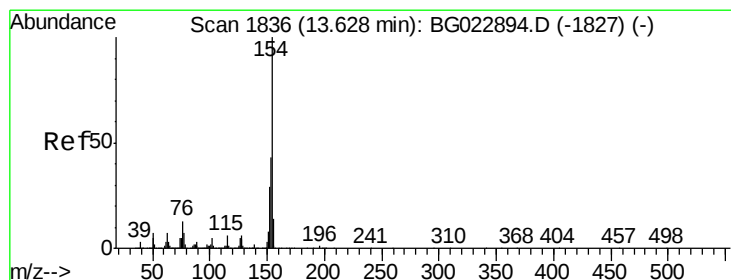
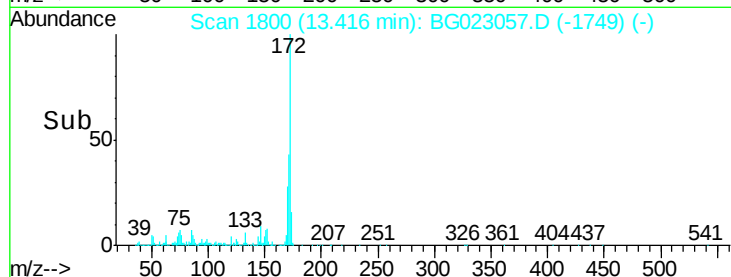
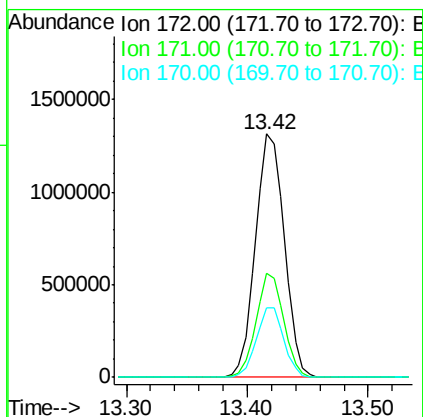
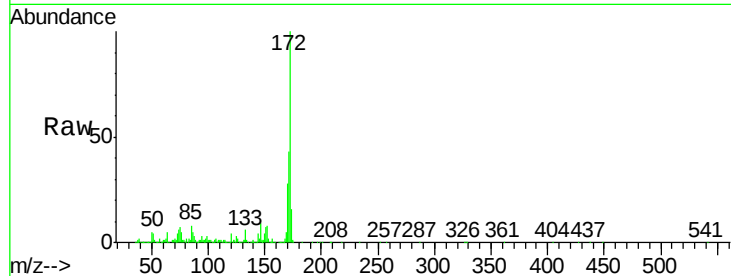




#44
2-Fluorobiphenyl
Concen: 98.08 ng
RT: 13.42 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG023057.D
Acq: 13 Jul 2016 5:28

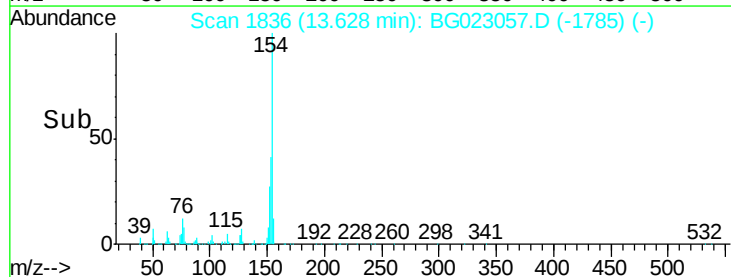
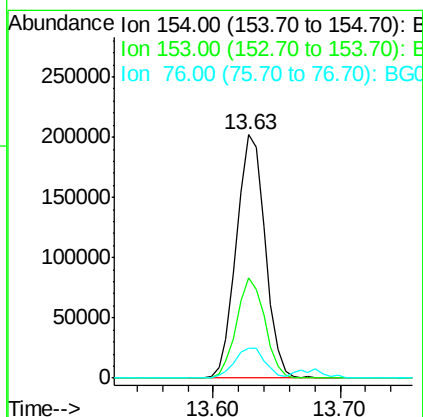
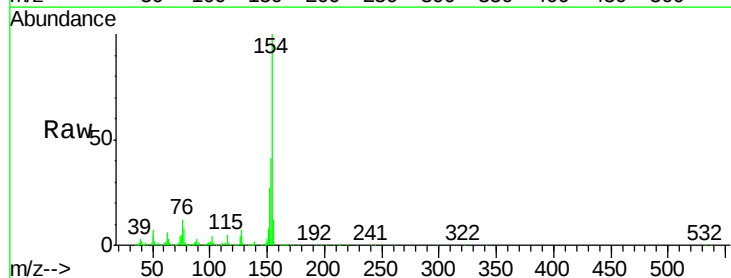
Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

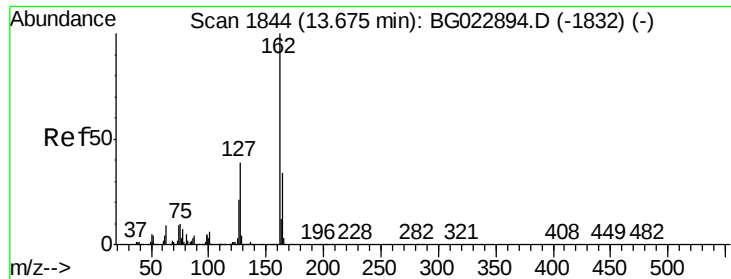
Tgt Ion:172 Resp: 2186680
Ion Ratio Lower Upper
172 100
171 42.5 31.6 47.4
170 28.4 21.3 31.9



#45
1,1'-Biphenyl
Concen: 12.03 ng
RT: 13.63 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BG023057.D
Acq: 13 Jul 2016 5:28

Tgt Ion:154 Resp: 317020
Ion Ratio Lower Upper
154 100
153 41.0 20.2 60.2
76 12.3 0.0 32.9

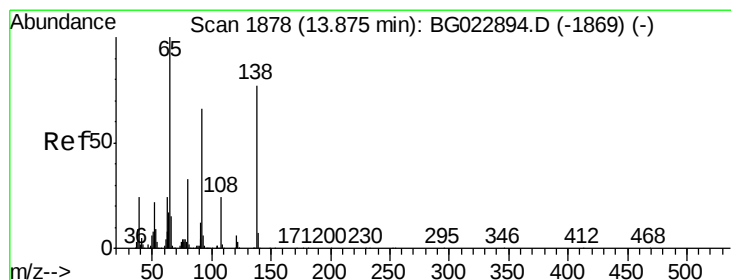
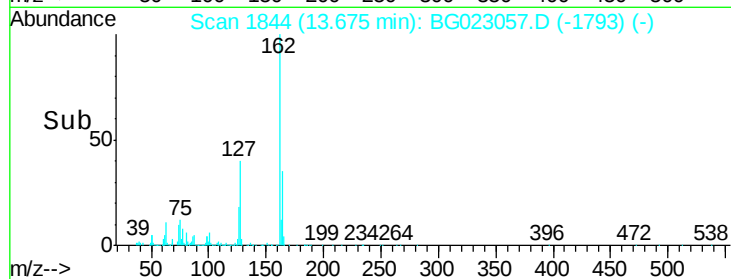
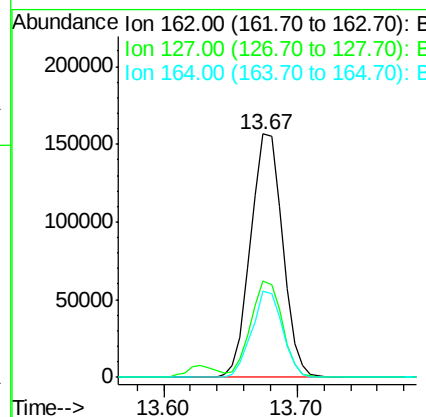
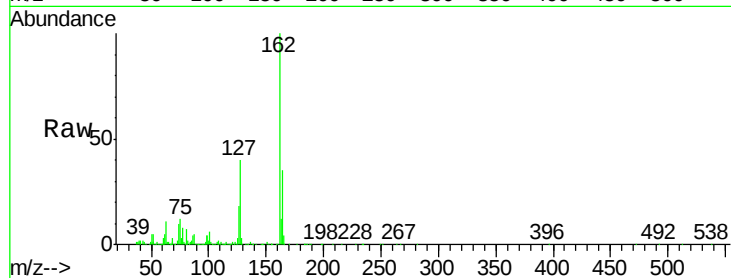




#46
2-Chloronaphthalene
Concen: 12.12 ng
RT: 13.67 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BG023057.D
Acq: 13 Jul 2016 5:28

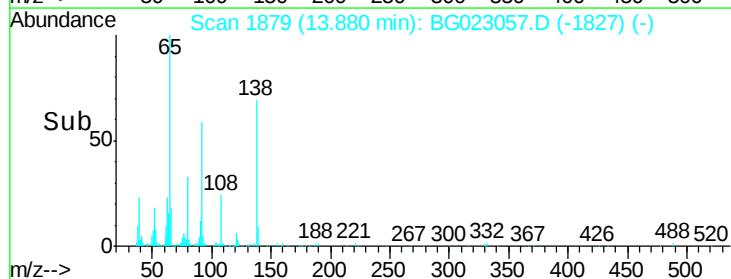
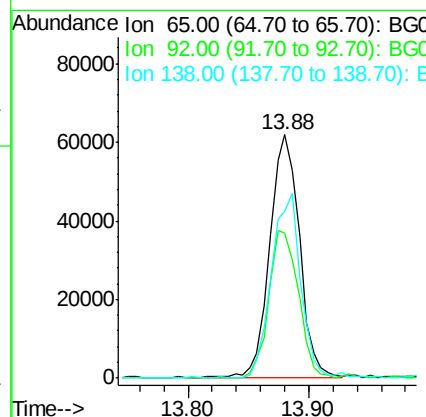
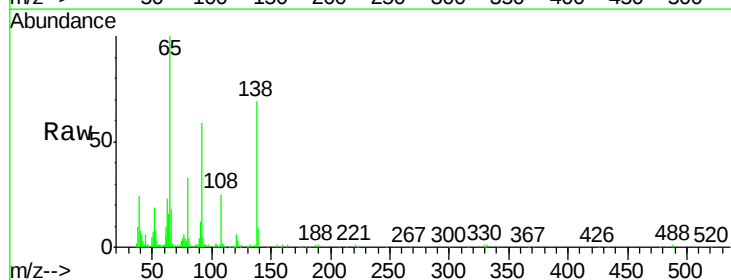
Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

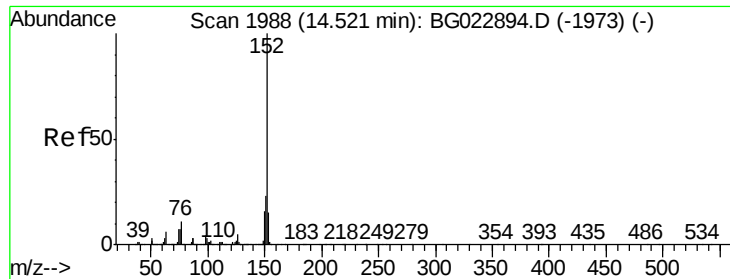
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.6	32.4	48.6
164	35.2	25.2	37.8



#47
2-Nitroaniline
Concen: 11.56 ng
RT: 13.88 min Scan# 1879
Delta R.T. 0.01 min
Lab File: BG023057.D
Acq: 13 Jul 2016 5:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.3	49.4	74.0
138	68.5	58.0	87.0





#48

Acenaphthylene

Concen: 12.31 ng

RT: 14.52 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MSD

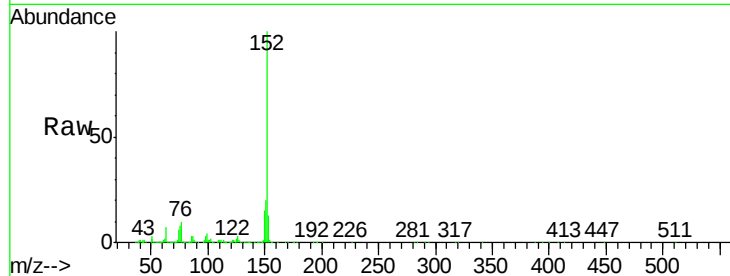
Tgt Ion:152 Resp: 394806

Ion Ratio Lower Upper

152 100

151 20.1 17.6 26.4

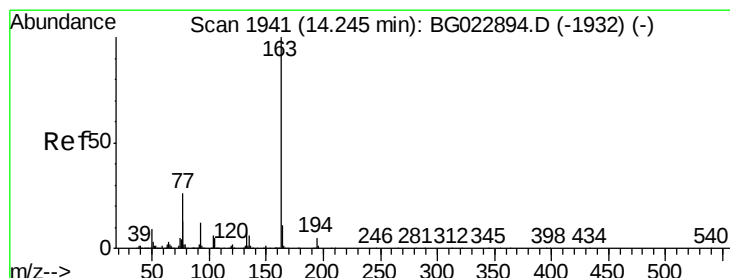
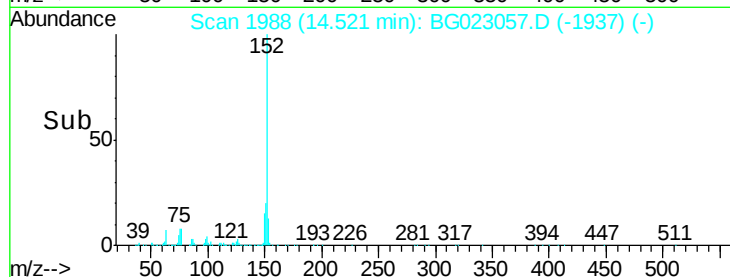
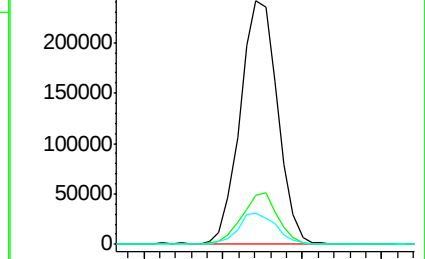
153 12.6 11.4 17.2



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



#49

Dimethylphthalate

Concen: 12.49 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

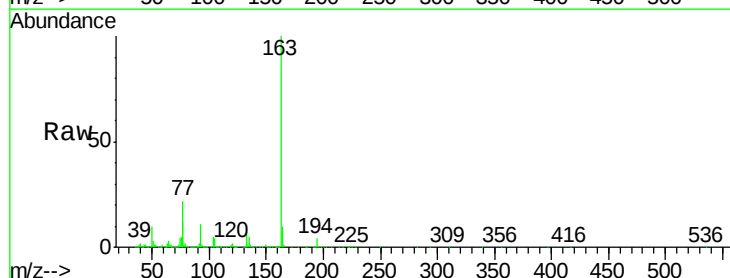
Tgt Ion:163 Resp: 358342

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

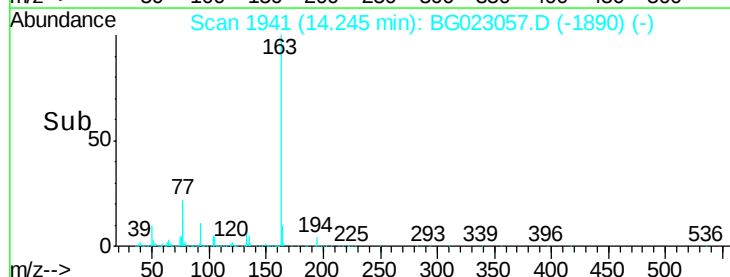
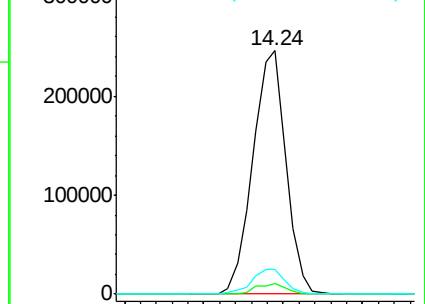
164 10.3 8.1 12.1

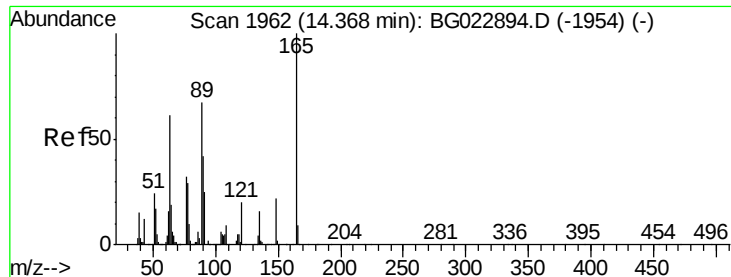


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

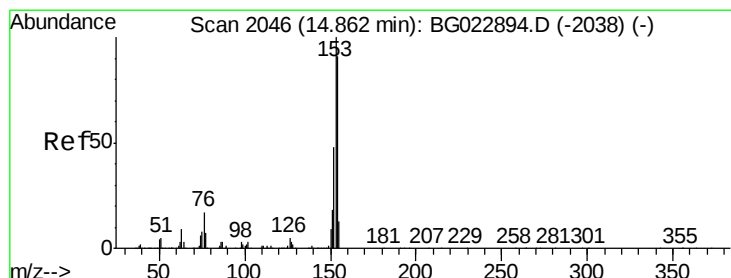
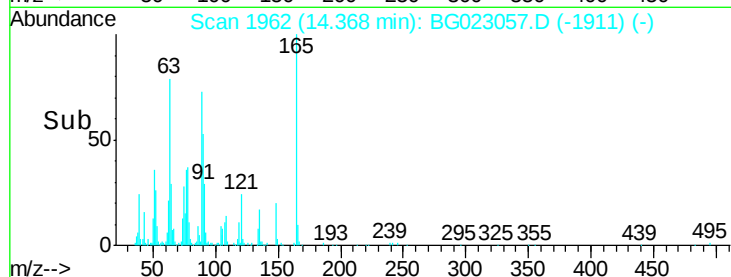
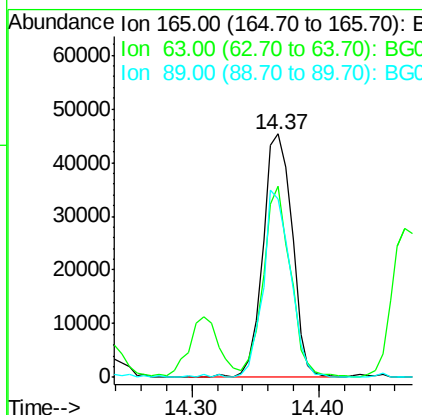
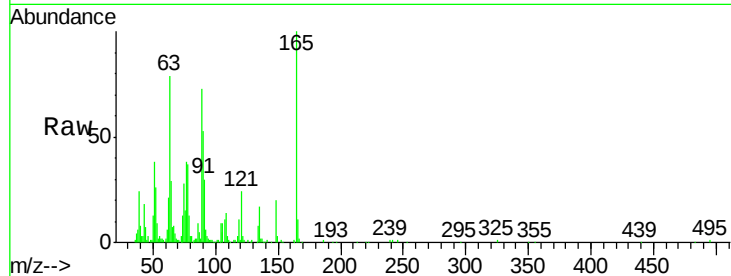




#50
2,6-Dinitrotoluene
Concen: 11.25 ng
RT: 14.37 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG023057.D
Acq: 13 Jul 2016 5:28

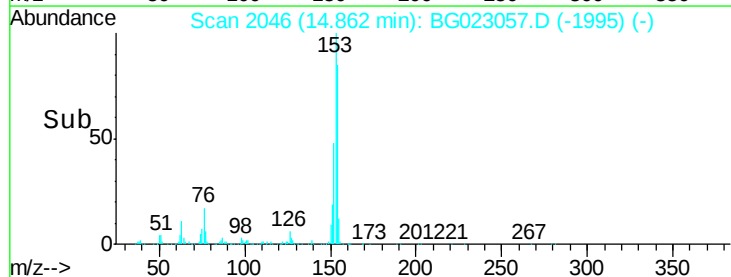
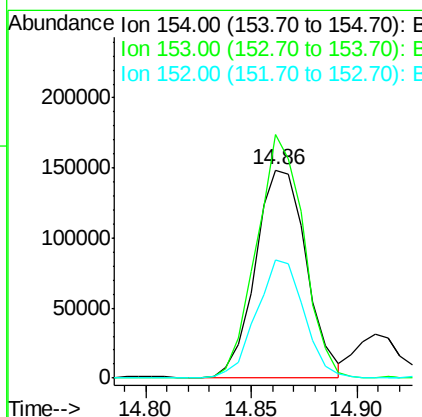
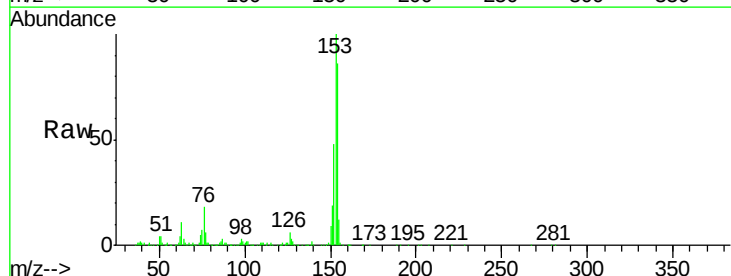
Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

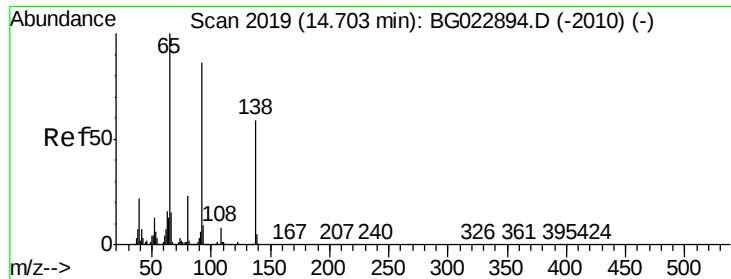
Tgt Ion	Ratio	Lower	Upper
165	100		
63	78.6	64.3	96.5
89	73.1	64.3	96.5



#51
Acenaphthene
Concen: 11.85 ng
RT: 14.86 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BG023057.D
Acq: 13 Jul 2016 5:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.9	87.5	131.3
152	56.7	42.7	64.1

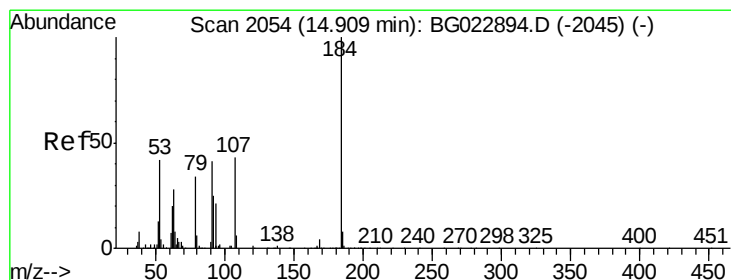
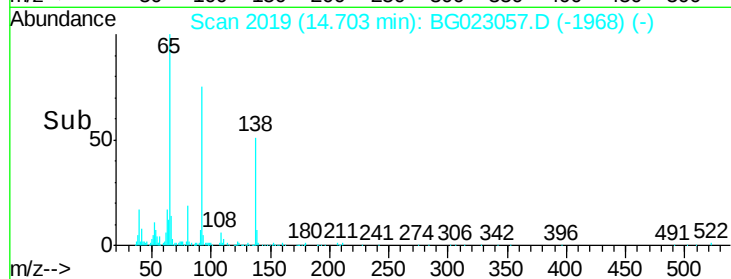
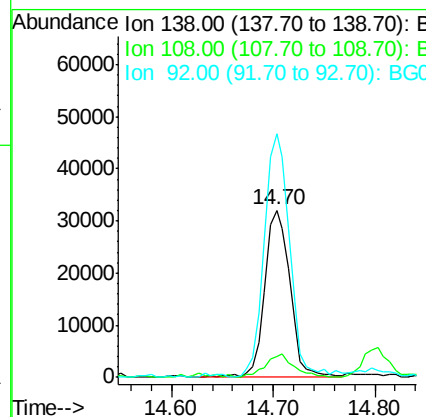
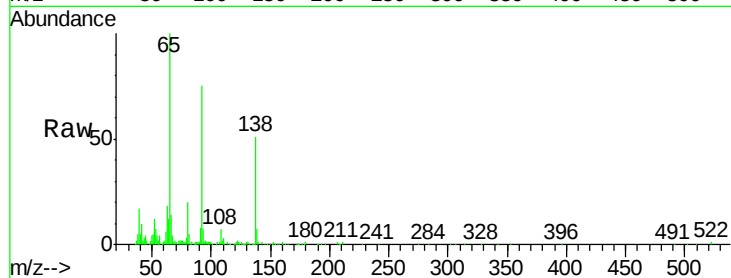




#52
 3-Nitroaniline
 Concen: 8.65 ng
 RT: 14.70 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BG023057.D
 Acq: 13 Jul 2016 5:28

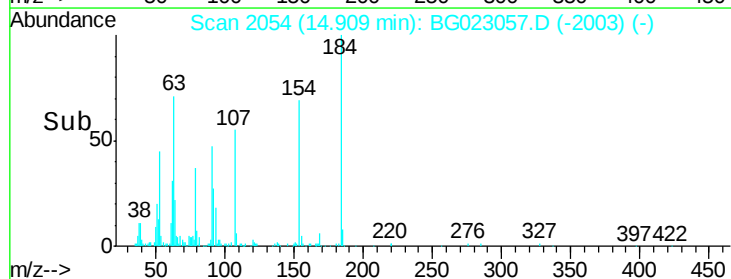
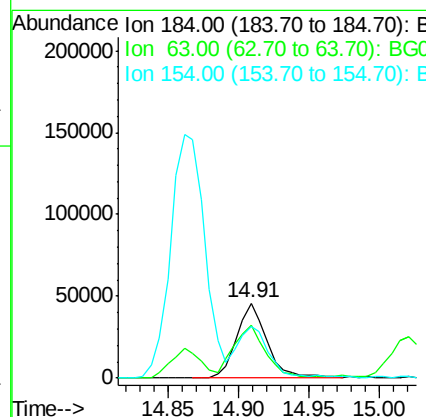
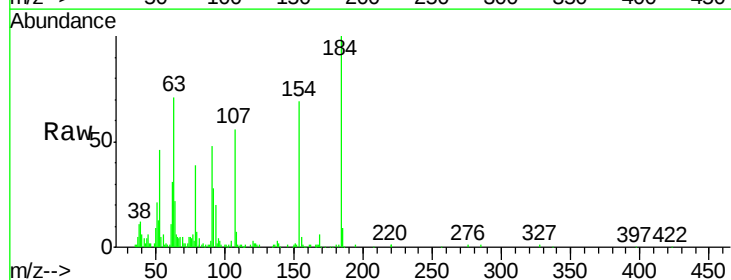
Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MSD

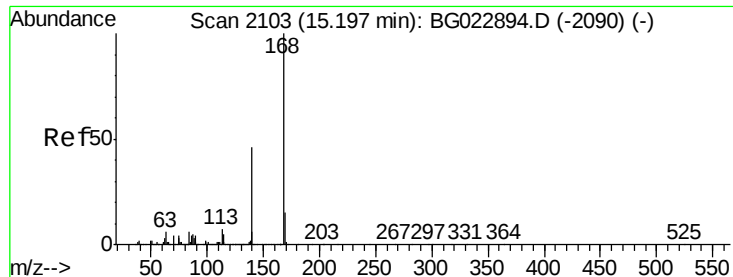
Tgt Ion:138 Resp: 55602
 Ion Ratio Lower Upper
 138 100
 108 12.9 11.7 17.5
 92 145.9 129.7 194.5



#53
 2,4-Dinitrophenol
 Concen: 15.59 ng
 RT: 14.91 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG023057.D
 Acq: 13 Jul 2016 5:28

Tgt Ion:184 Resp: 68949
 Ion Ratio Lower Upper
 184 100
 63 71.0 59.6 89.4
 154 68.9 67.4 101.0





#54

Dibenzenofuran

Concen: 13.20 ng

RT: 15.20 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MSD

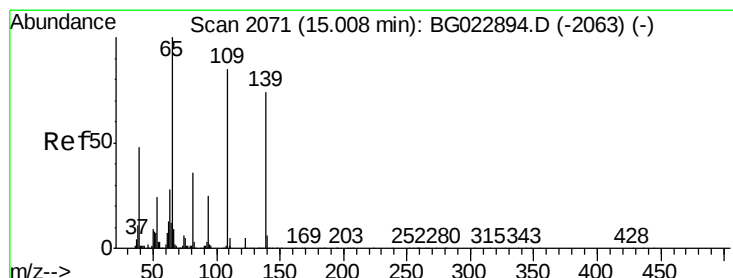
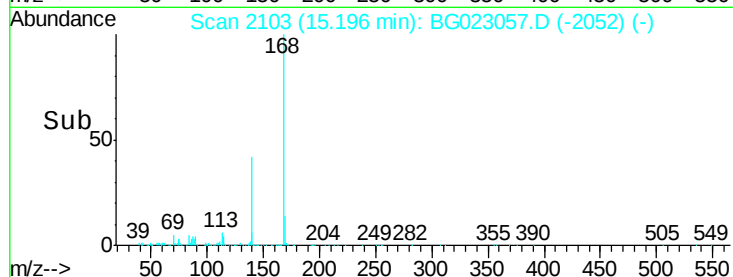
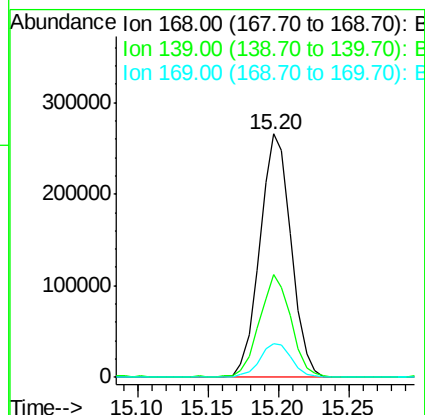
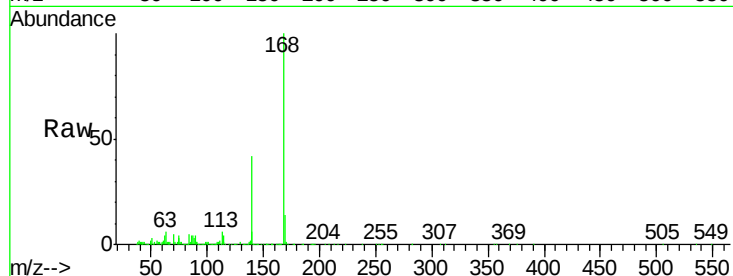
Tgt Ion:168 Resp: 414002

Ion Ratio Lower Upper

168 100

139 42.2 36.4 54.6

169 13.9 11.9 17.9



#55

4-Nitrophenol

Concen: 21.42 ng

RT: 15.02 min Scan# 2073

Delta R.T. 0.01 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Tgt Ion:139 Resp: 115436

Ion Ratio Lower Upper

139 100

109 127.2 103.0 143.0

65 146.2 112.7 152.7

