

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021137.D
 Acq On : 28 Feb 2016 5:29
 Operator : UM/SJ
 Sample : H1443-01MSD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP004MSD

Quant Time: Feb 29 00:29:59 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	6570	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	35292	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	23749	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	57583	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	60619	20.00	ng	-0.02
86) Perylene-d12	25.05	264	53554	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	77892	207.56	ng	0.00
7) Phenol-d6	7.31	99	126680	226.85	ng	-0.01
23) Nitrobenzene-d5	9.33	82	88470	119.44	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	43382	139.33	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	158332	85.31	ng	-0.01
78) Terphenyl-d14	20.10	244	254750	98.21	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.61	88	7994	46.00	ng	# 85
3) Pyridine	4.01	79	25992	51.14	ng	95
4) n-Nitrosodimethylamine	3.92	42	13612	52.82	ng	98
6) Aniline	7.49	93	19559	28.32	ng	92
8) 2-Chlorophenol	7.73	128	30343	64.83	ng	89
9) Benzaldehyde	7.30	77	8205	27.13	ng	82
10) Phenol	7.34	94	46433	81.17	ng	79
11) bis(2-Chloroethyl)ether	7.58	93	29066	66.29	ng	96
12) 1,3-Dichlorobenzene	8.05	146	26588	53.37	ng	# 89
13) 1,4-Dichlorobenzene	8.20	146	28190	52.98	ng	96
14) 1,2-Dichlorobenzene	8.52	146	27549	54.68	ng	96
15) Benzyl Alcohol	8.40	79	36802	75.45	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.69	45	45480	90.46	ng	93
17) 2-Methylphenol	8.60	107	30252	74.92	ng	# 90
18) Hexachloroethane	9.25	117	11226	55.77	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	31494	73.11	ng	97
20) 3+4-Methylphenols	8.92	107	42151	75.29	ng	92
22) Acetophenone	8.99	105	49897	51.22	ng	# 94
24) Nitrobenzene	9.38	77	45867	59.94	ng	90
25) Isophorone	9.89	82	88148	63.49	ng	95
26) 2-Nitrophenol	10.08	139	17293	53.45	ng	# 64
27) 2,4-Dimethylphenol	10.13	122	30611	53.64	ng	90
28) bis(2-Chloroethoxy)methane	10.37	93	44209	65.34	ng	96
29) 2,4-Dichlorophenol	10.62	162	31912	57.13	ng	96
30) 1,2,4-Trichlorobenzene	10.83	180	28591	45.16	ng	99
31) Naphthalene	11.03	128	95684	52.78	ng	98
32) Benzoic acid	10.13	122	30611	58.41	ng	# 20
33) 4-Chloroaniline	11.13	127	12097	15.98	ng	# 88
34) Hexachlorobutadiene	11.30	225	17282	40.79	ng	96
35) Caprolactam	11.90	113	7522	39.85	ng	# 79
36) 4-Chloro-3-methylphenol	12.23	107	45031	65.75	ng	87
37) 2-Methylnaphthalene	12.62	142	73467	57.71	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	36491	41.58	ng	# 97
40) Hexachlorocyclopentadiene	12.95	237	42211	73.14	ng	99

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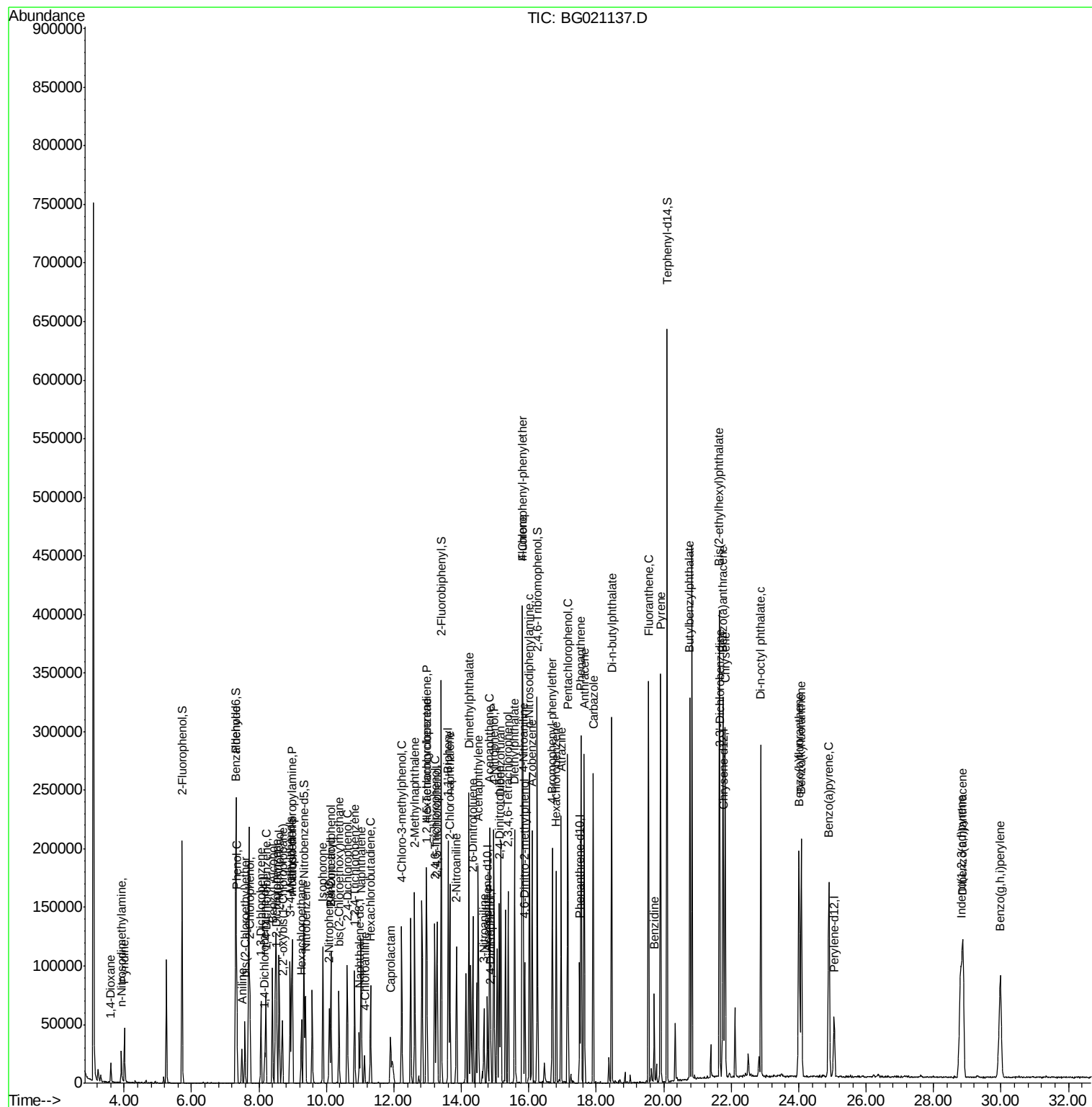
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	28861	52.44	ng	96
43) 2,4,5-Trichlorophenol	13.28	196	32153	56.86	ng	94
45) 1,1'-Biphenyl	13.61	154	96908	48.46	ng	95
46) 2-Chloronaphthalene	13.66	162	75585	49.81	ng	96
47) 2-Nitroaniline	13.85	65	37401	76.07	ng	# 75
48) Acenaphthylene	14.50	152	127526	53.12	ng	98
49) Dimethylphthalate	14.22	163	141909	69.33	ng	98
50) 2,6-Dinitrotoluene	14.34	165	23947	56.87	ng	# 63
51) Acenaphthene	14.83	154	82484	50.37	ng	99
52) 3-Nitroaniline	14.67	138	13274	32.40	ng	# 78
53) 2,4-Dinitrophenol	14.87	184	8572	29.20	ng	88
54) Dibenzofuran	15.17	168	122090	58.85	ng	93
55) 4-Nitrophenol	14.96	139	44203	121.63	ng	# 55
56) 2,4-Dinitrotoluene	15.12	165	35079	58.09	ng	# 68
57) Fluorene	15.82	166	107708	53.37	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	28244	57.47	ng	# 97
59) Diethylphthalate	15.58	149	118340	54.86	ng	98
60) 4-Chlorophenyl-phenylether	15.80	204	52889	47.64	ng	98
61) 4-Nitroaniline	15.83	138	27150	58.19	ng	# 58
62) Azobenzene	16.10	77	135094	72.28	ng	94
64) 4,6-Dinitro-2-methylphenol	15.88	198	18792	44.49	ng	93
65) n-Nitrosodiphenylamine	16.02	169	96914	57.05	ng	94
66) 4-Bromophenyl-phenylether	16.70	248	31621	46.64	ng	# 87
67) Hexachlorobenzene	16.81	284	31938	44.65	ng	# 88
68) Atrazine	16.96	200	36806	58.47	ng	98
69) Pentachlorophenol	17.15	266	40711	84.32	ng	93
70) Phenanthrene	17.55	178	171001	55.19	ng	98
71) Anthracene	17.64	178	166862	53.48	ng	98
72) Carbazole	17.91	167	156499	58.09	ng	97
73) Di-n-butylphthalate	18.45	149	207562	58.45	ng	# 98
74) Fluoranthene	19.55	202	200115	51.49	ng	97
76) Benzidine	19.72	184	38401	24.08	ng	97
77) Pyrene	19.91	202	204698	60.98	ng	99
79) Butylbenzylphthalate	20.78	149	92296	65.89	ng	89
80) Benzo(a)anthracene	21.75	228	193696	55.53	ng	97
81) 3,3'-Dichlorobenzidine	21.66	252	23567	17.27	ng	100
82) Chrysene	21.82	228	175131	52.14	ng	98
83) Bis(2-ethylhexyl)phthalate	21.64	149	135619	62.69	ng	95
84) Di-n-octyl phthalate	22.88	149	232912	64.24	ng	99
85) Indeno(1,2,3-cd)pyrene	28.81	276	199081	49.16	ng	# 100
87) Benzo(b)fluoranthene	24.01	252	187756	56.09	ng	100
88) Benzo(k)fluoranthene	24.08	252	182422	55.28	ng	97
89) Benzo(a)pyrene	24.90	252	180126	56.06	ng	96
90) Dibenzo(a,h)anthracene	28.87	278	168381	51.98	ng	96
91) Benzo(g,h,i)perylene	29.98	276	161064	51.62	ng	95

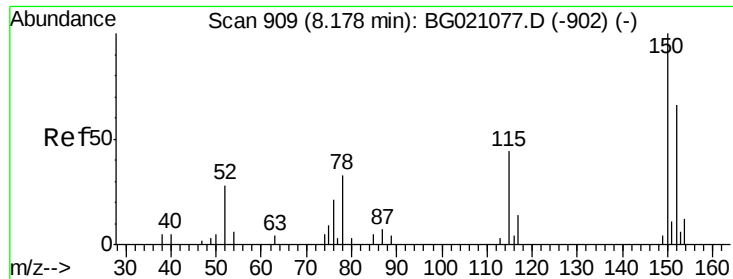
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG021137.D

Acq: 28 Feb 2016 5:29

Instrument :

BNA_G

ClientSampleId :

EP004MSD

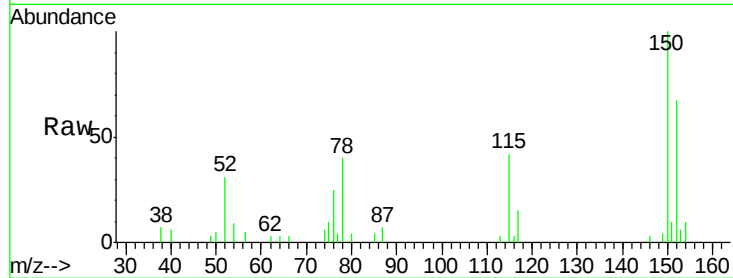
Tgt Ion:152 Resp: 6570

Ion Ratio Lower Upper

152 100

150 148.8 123.4 185.2

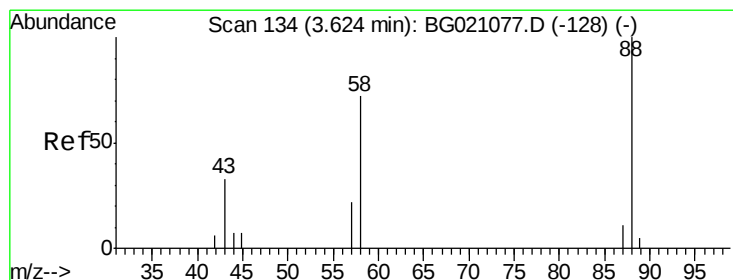
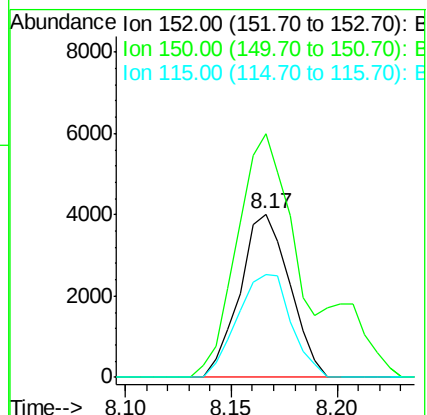
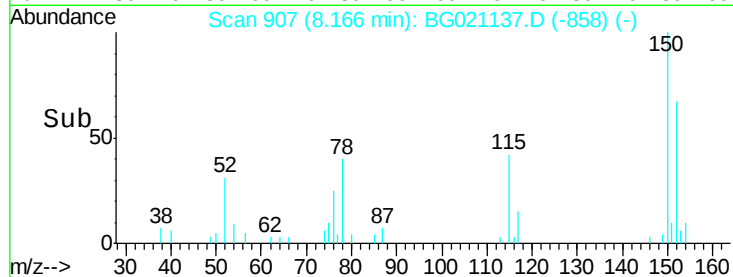
115 63.0 43.3 64.9



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



#2

1,4-Dioxane

Concen: 46.00 ng

RT: 3.61 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG021137.D

Acq: 28 Feb 2016 5:29

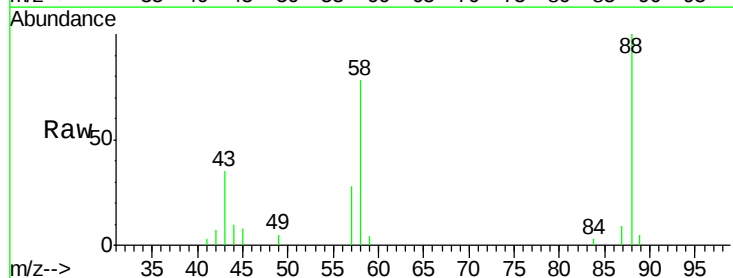
Tgt Ion: 88 Resp: 7994

Ion Ratio Lower Upper

88 100

58 83.6 55.9 83.9

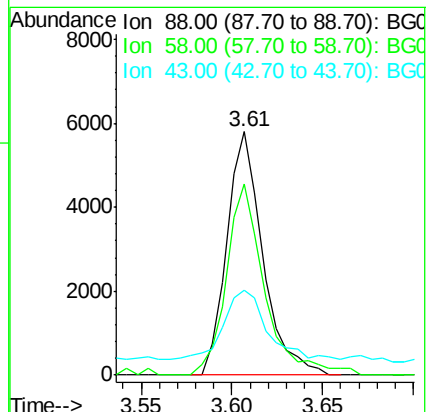
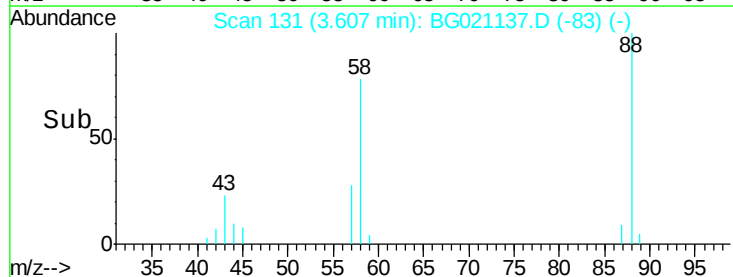
43 34.5 22.5 33.7#

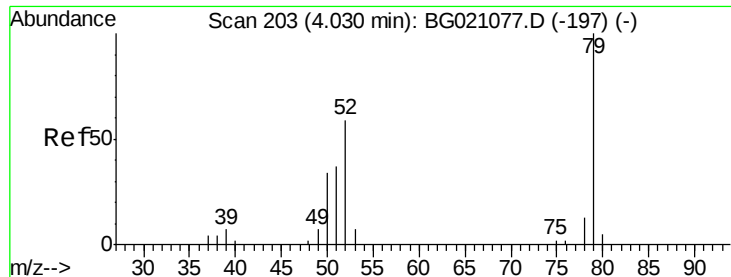


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 51.14 ng

RT: 4.01 min Scan# 199

Delta R.T. -0.02 min

Lab File: BG021137.D

Acq: 28 Feb 2016 5:29

Instrument :

BNA_G

ClientSampleId :

EP004MSD

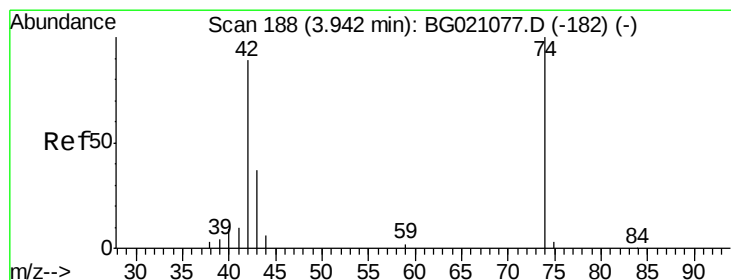
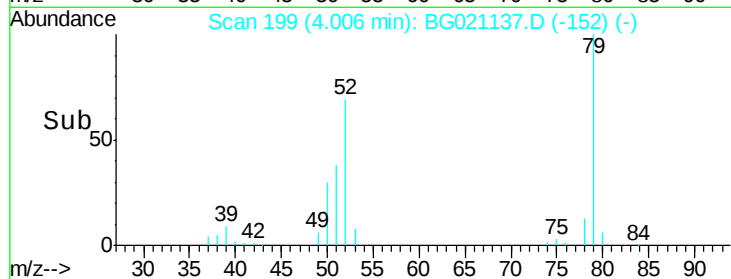
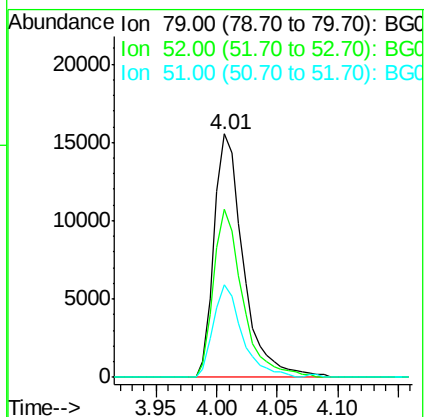
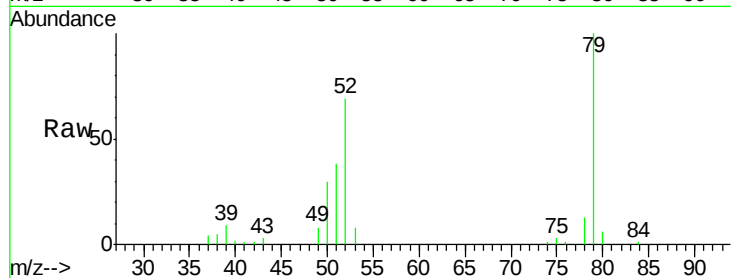
Tgt Ion: 79 Resp: 25992

Ion Ratio Lower Upper

79 100

52 69.3 53.2 79.8

51 37.8 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 52.82 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.02 min

Lab File: BG021137.D

Acq: 28 Feb 2016 5:29

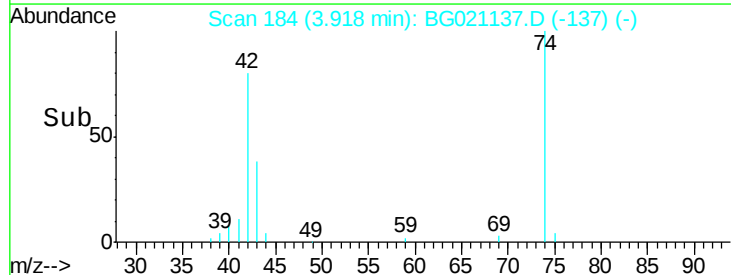
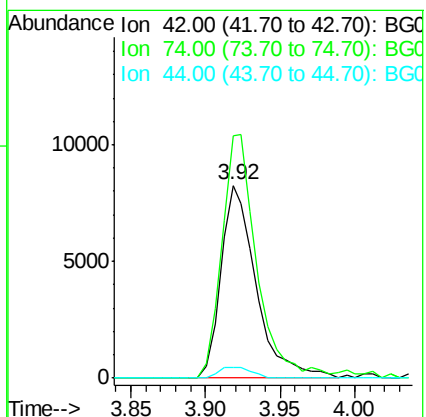
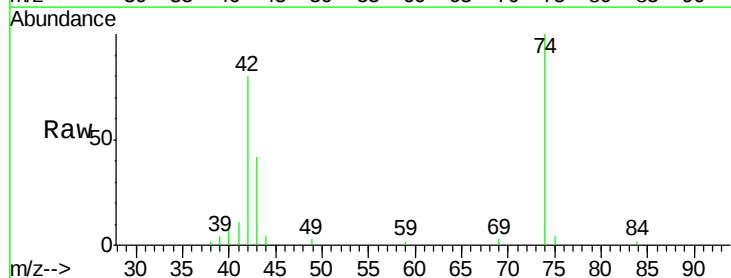
Tgt Ion: 42 Resp: 13612

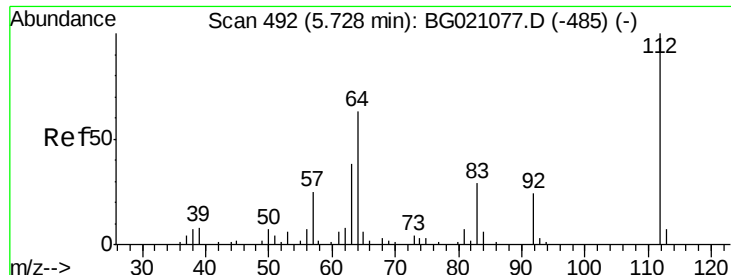
Ion Ratio Lower Upper

42 100

74 125.6 102.3 153.5

44 5.6 4.8 7.2





#5

2-Fluorophenol

Concen: 207.56 ng

RT: 5.72 min Scan# 491

Delta R.T. -0.01 min

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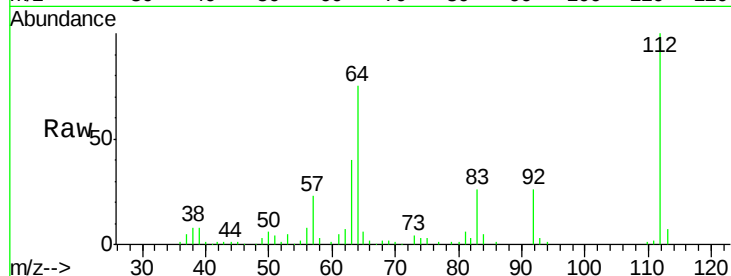
Tgt Ion: 112 Resp: 77892

Ion Ratio Lower Upper

112 100

64 75.3 42.6 63.8#

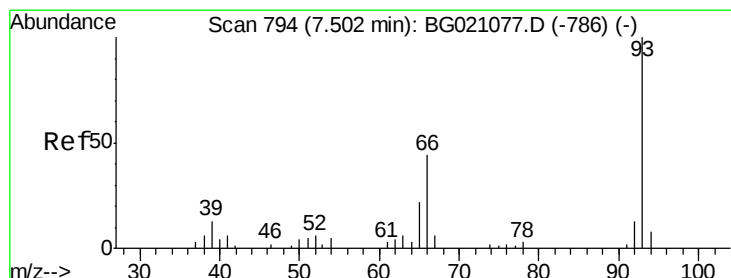
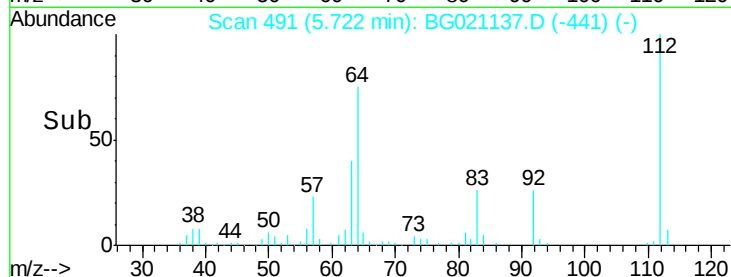
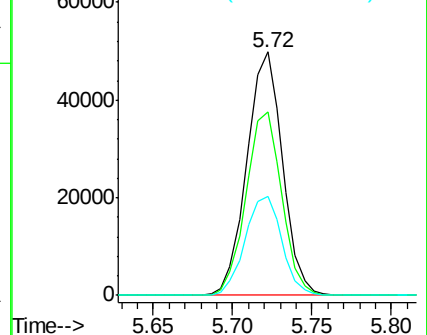
63 40.5 21.7 32.5#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.32 ng

RT: 7.49 min Scan# 792

Delta R.T. -0.01 min

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Acq: 28 Feb 2016 5:29

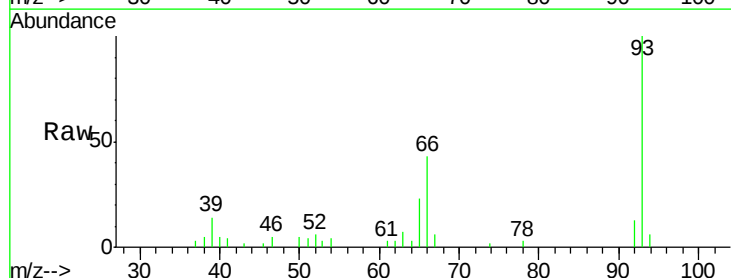
Tgt Ion: 93 Resp: 19559

Ion Ratio Lower Upper

93 100

66 43.5 30.1 45.1

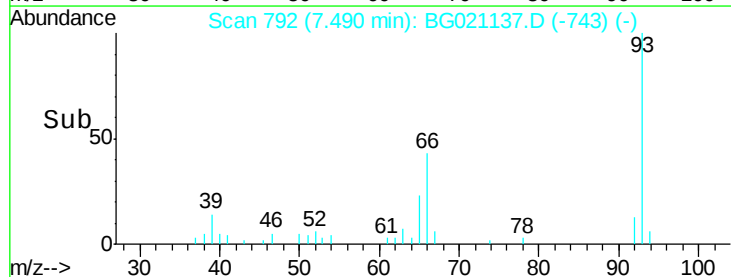
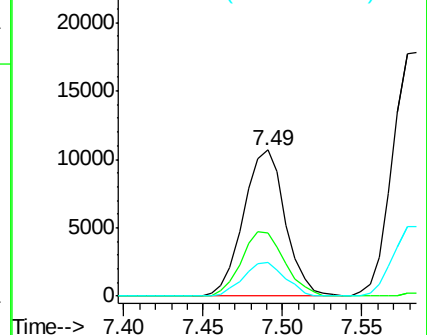
65 23.3 16.6 24.8

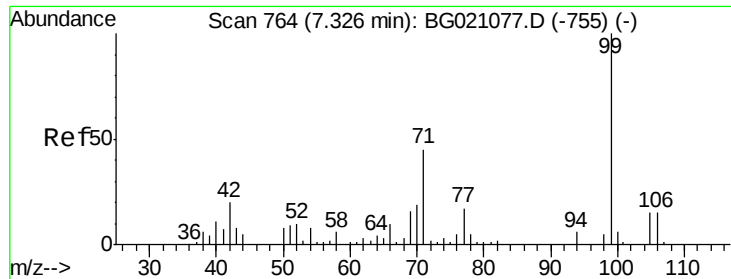


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 226.85 ng

RT: 7.31 min Scan# 762

Delta R.T. -0.01 min

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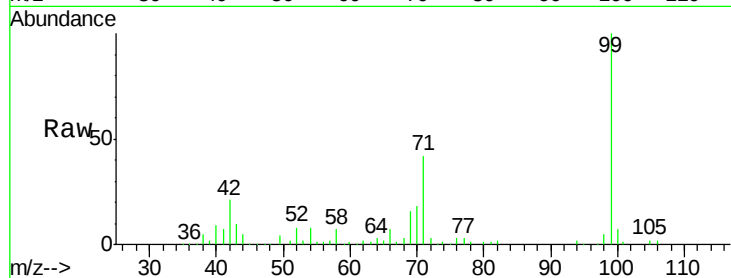
Tgt Ion: 99 Resp: 126680

Ion Ratio Lower Upper

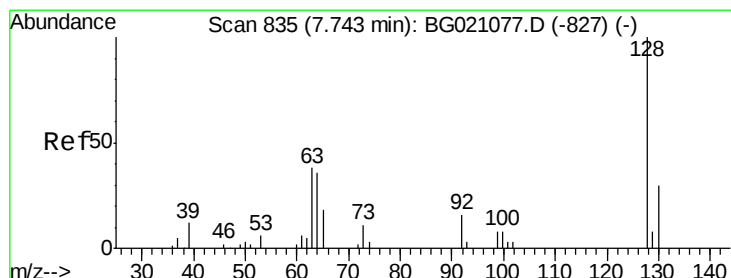
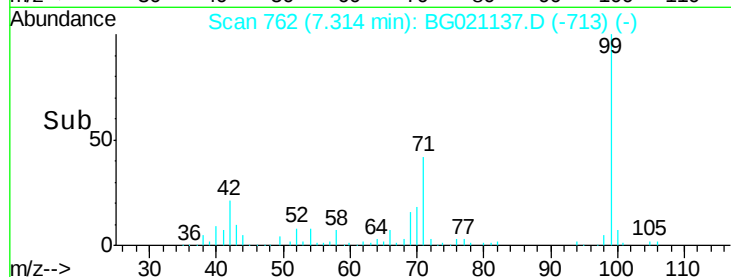
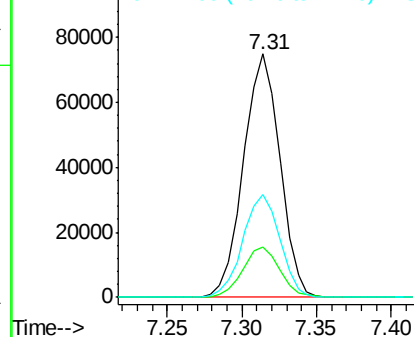
99 100

42 20.9 13.2 19.8#

71 42.4 25.2 37.8#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 64.83 ng

RT: 7.73 min Scan# 833

Delta R.T. -0.01 min

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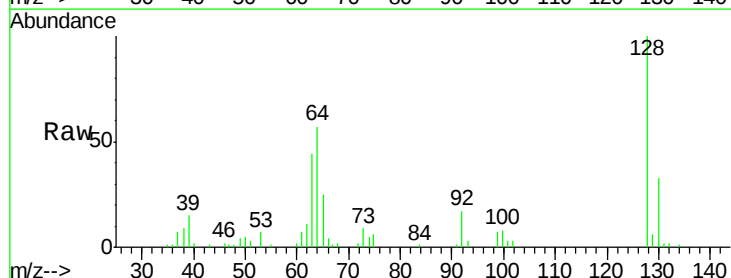
Tgt Ion: 128 Resp: 30343

Ion Ratio Lower Upper

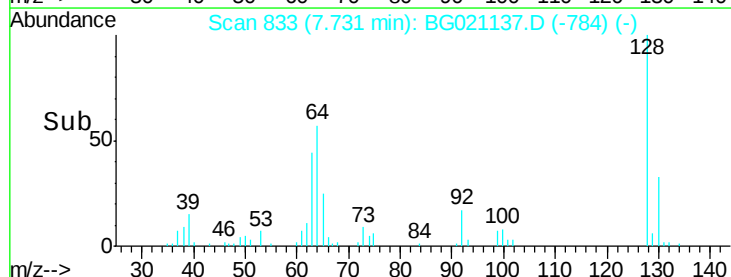
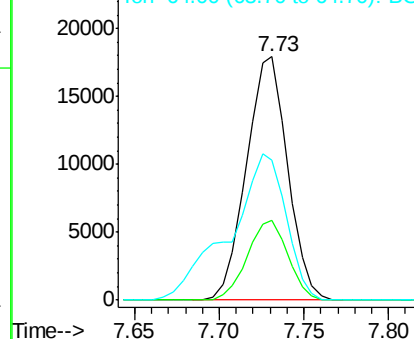
128 100

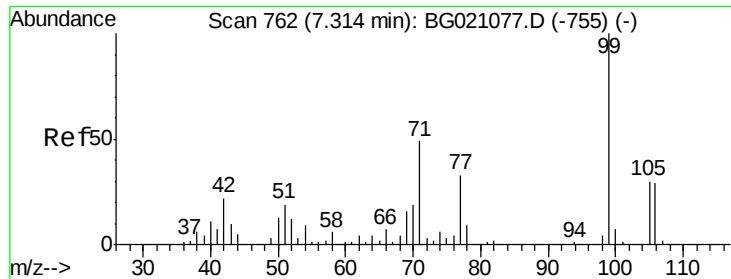
130 32.8 11.9 51.9

64 57.3 25.8 65.8



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: 27.13 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.01 min

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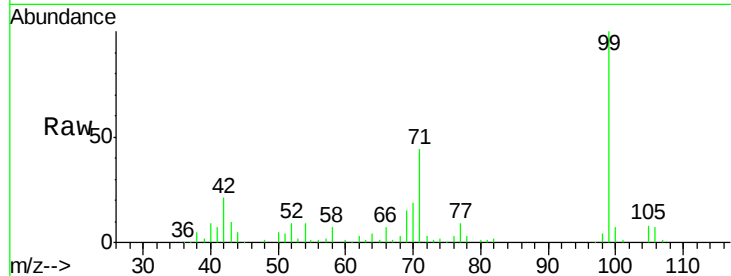
Tgt Ion: 77 Resp: 8205

Ion Ratio Lower Upper

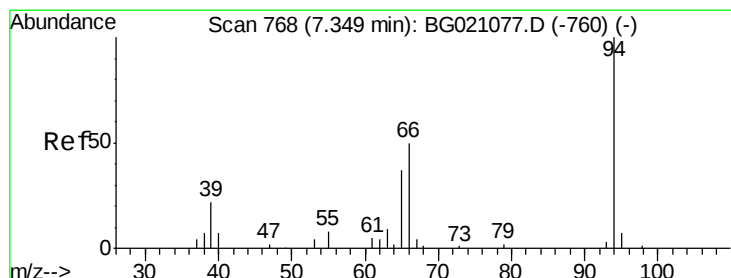
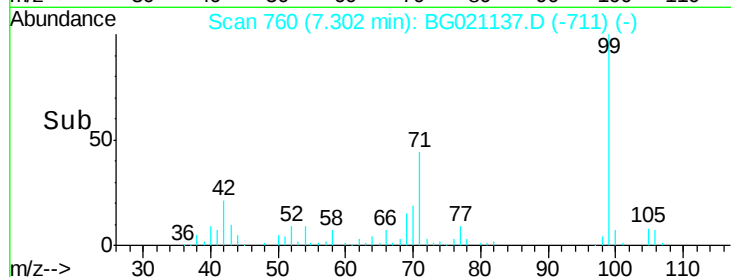
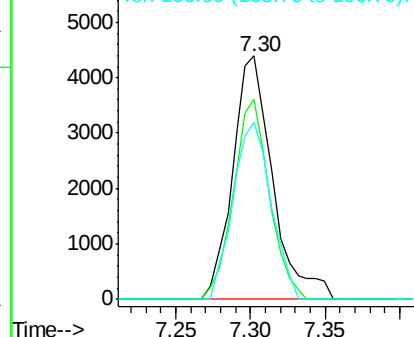
77 100

105 82.2 77.4 117.4

106 72.9 72.8 112.8



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: 81.17 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG021137.D

Acq: 28 Feb 2016 5:29

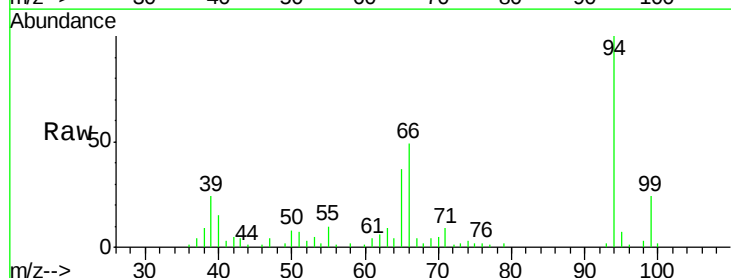
Tgt Ion: 94 Resp: 46433

Ion Ratio Lower Upper

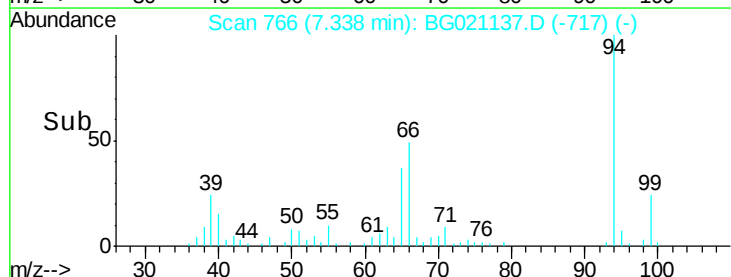
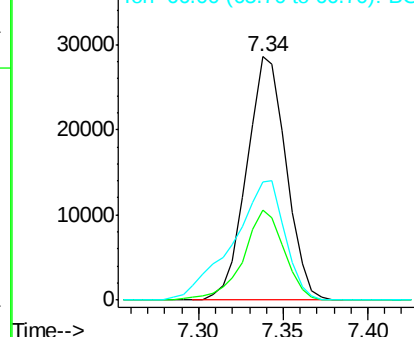
94 100

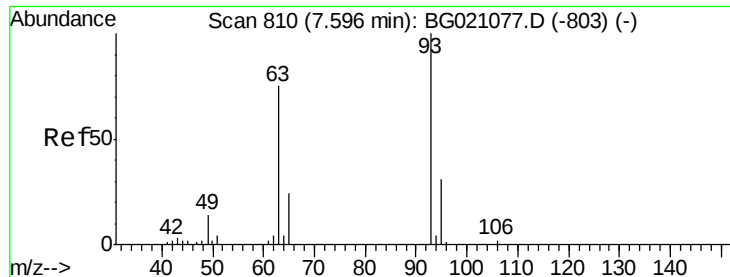
65 37.0 7.2 47.2

66 48.7 15.4 55.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 66.29 ng

RT: 7.58 min Scan# 808

Delta R.T. -0.01 min

Lab File: BG021137.D

Acq: 28 Feb 2016 5:29

Instrument :

BNA_G

ClientSampleId :

EP004MSD

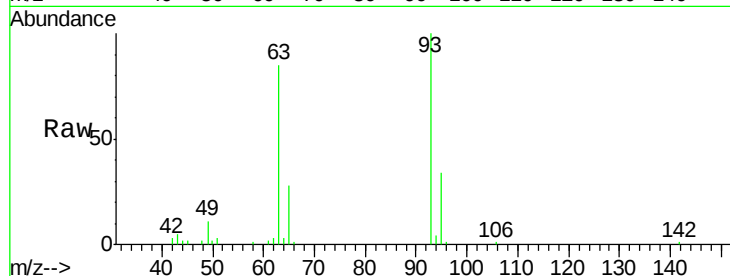
Tgt Ion: 93 Resp: 29066

Ion Ratio Lower Upper

93 100

63 85.0 60.5 100.5

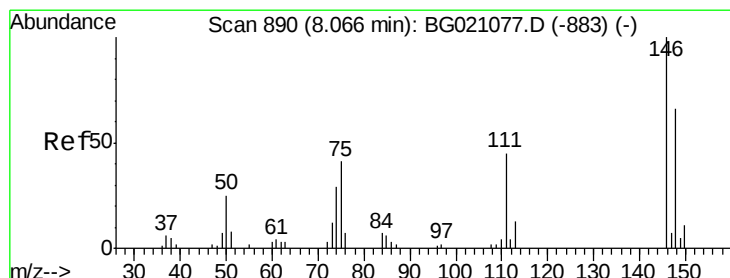
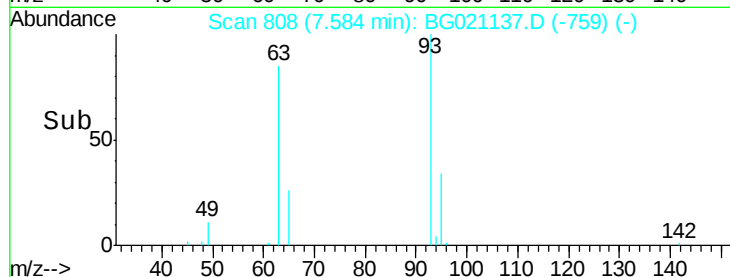
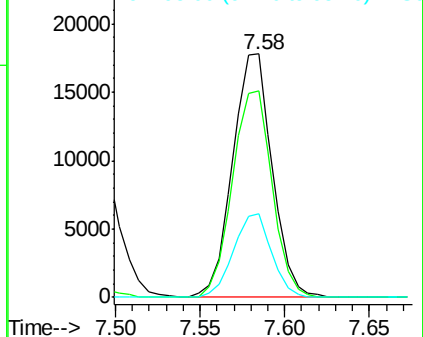
95 34.3 14.6 54.6



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 53.37 ng

RT: 8.05 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG021137.D

Acq: 28 Feb 2016 5:29

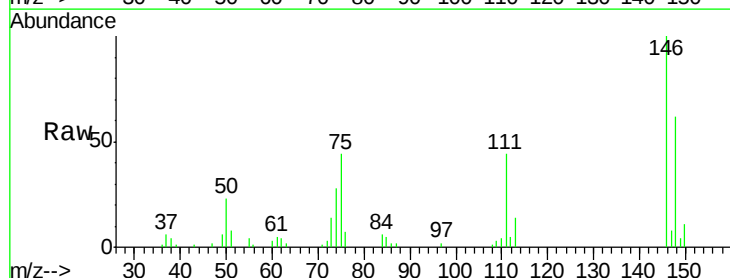
Tgt Ion: 146 Resp: 26588

Ion Ratio Lower Upper

146 100

148 62.1 52.6 78.8

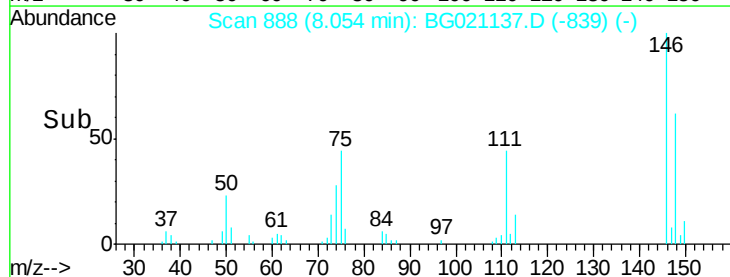
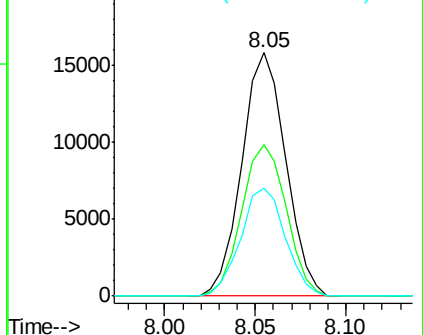
75 44.2 24.0 36.0#

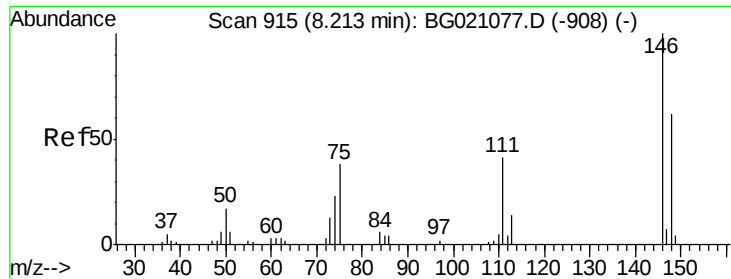


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

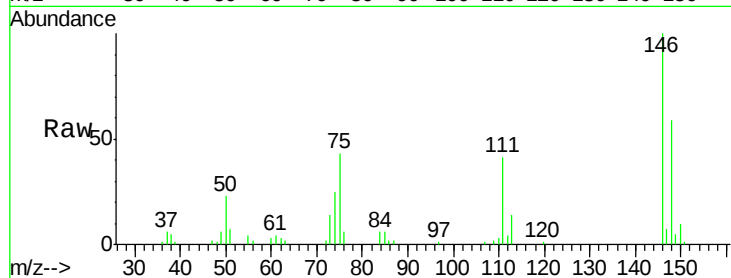




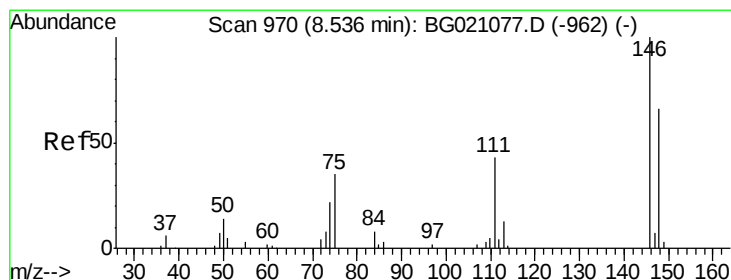
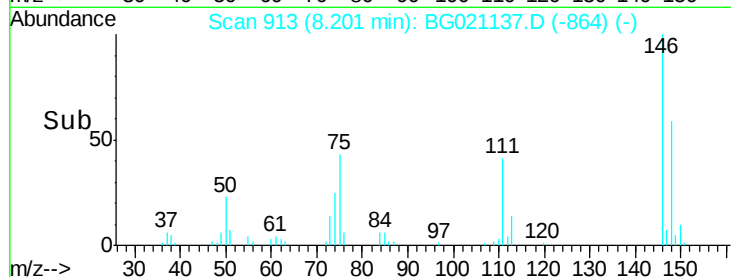
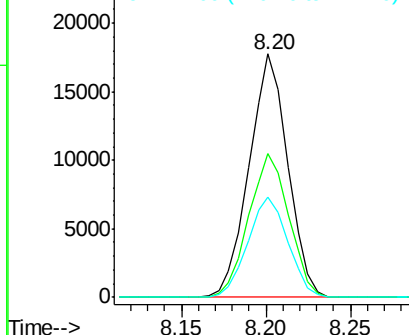
#13
 1,4-Dichlorobenzene
 Concen: 52.98 ng
 RT: 8.20 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BG021137.D
 Acq: 28 Feb 2016 5:29

Instrument :
 BNA_G
 ClientSampleId :
 EP004MSD

Tgt Ion:146 Resp: 28190
 Ion Ratio Lower Upper
 146 100
 148 59.2 50.2 75.4
 111 41.0 31.9 47.9

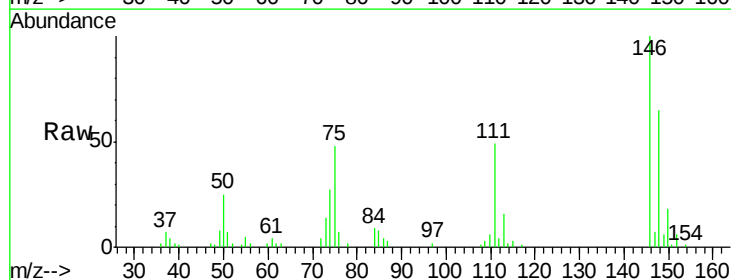


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

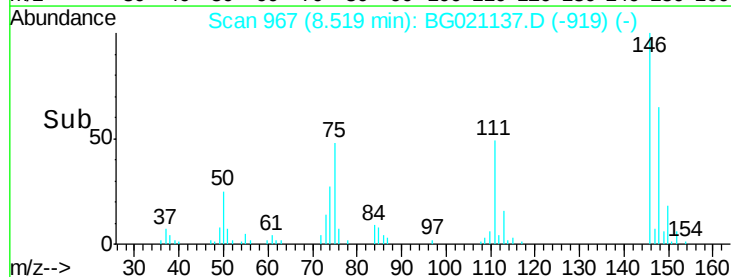
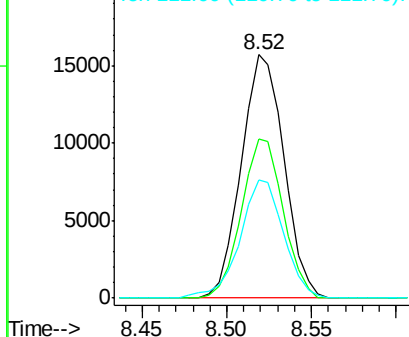


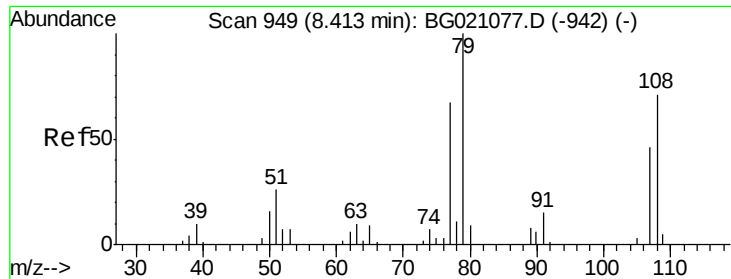
#14
 1,2-Dichlorobenzene
 Concen: 54.68 ng
 RT: 8.52 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BG021137.D
 Acq: 28 Feb 2016 5:29

Tgt Ion:146 Resp: 27549
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.5 75.7
 111 48.6 35.4 53.2



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





#15

Benzyl Alcohol

Concen: 75.45 ng

RT: 8.40 min Scan# 947

Delta R.T. -0.01 min

Lab File: BG021137.D

Acq: 28 Feb 2016 5:29

Instrument :

BNA_G

ClientSampleId :

EP004MSD

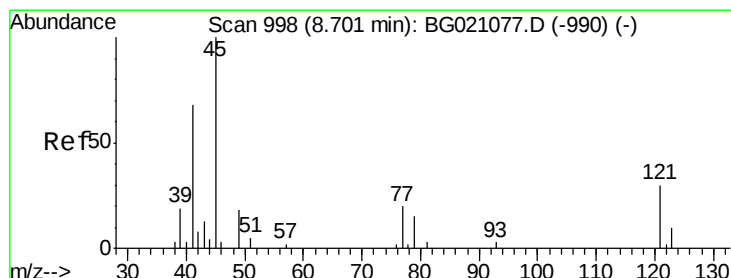
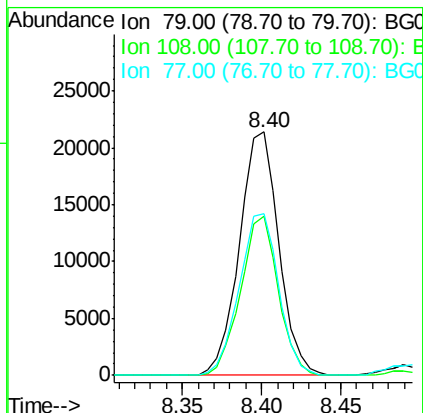
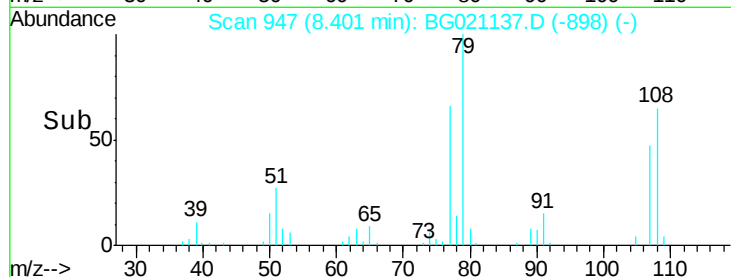
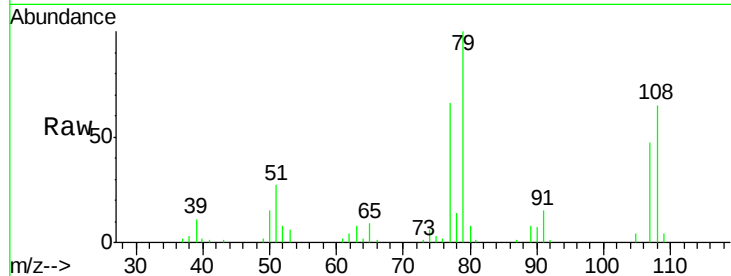
Tgt Ion: 79 Resp: 36802

Ion Ratio Lower Upper

79 100

108 65.2 65.1 97.7

77 66.3 53.8 80.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 90.46 ng

RT: 8.69 min Scan# 997

Delta R.T. -0.01 min

Lab File: BG021137.D

Acq: 28 Feb 2016 5:29

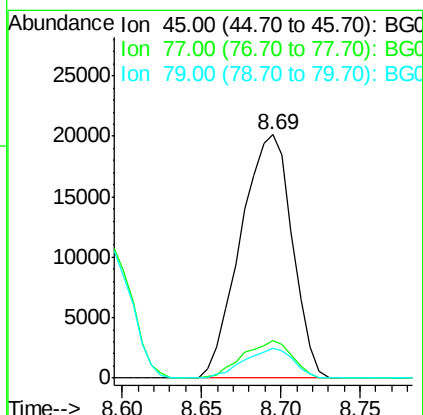
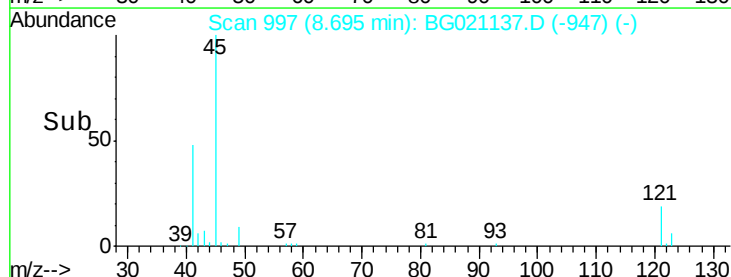
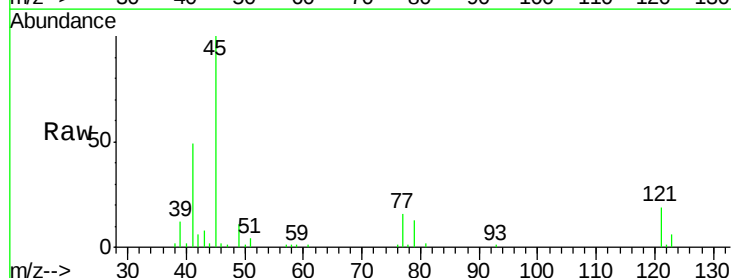
Tgt Ion: 45 Resp: 45480

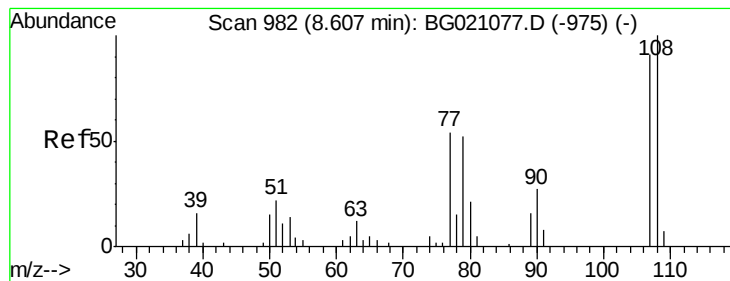
Ion Ratio Lower Upper

45 100

77 15.5 0.0 33.3

79 12.5 0.0 29.6





#17

2-Methylphenol

Concen: 74.92 ng

RT: 8.60 min Scan# 980

Delta R.T. -0.01 min

Lab File: BG021137.D

Acq: 28 Feb 2016 5:29

Instrument :

BNA_G

ClientSampleId :

EP004MSD

Tgt Ion:107 Resp: 30252

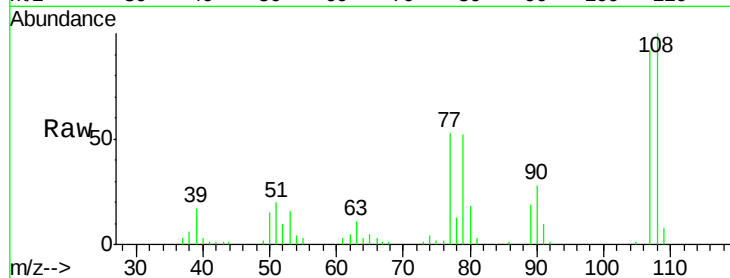
Ion Ratio Lower Upper

107 100

108 108.2 88.8 133.2

77 57.6 38.0 57.0#

79 56.6 32.6 49.0#

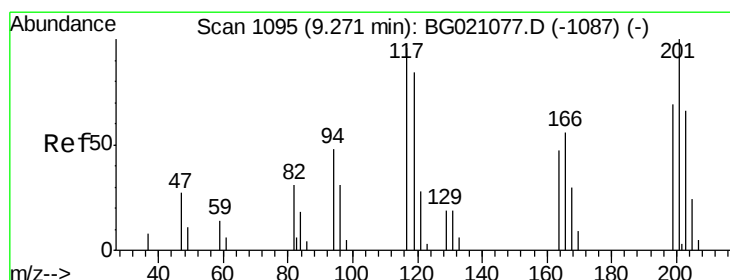
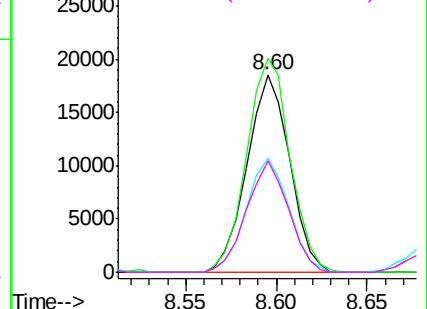
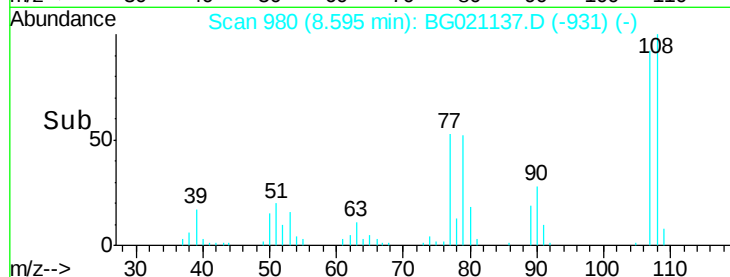


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 55.77 ng

RT: 9.25 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BG021137.D

Acq: 28 Feb 2016 5:29

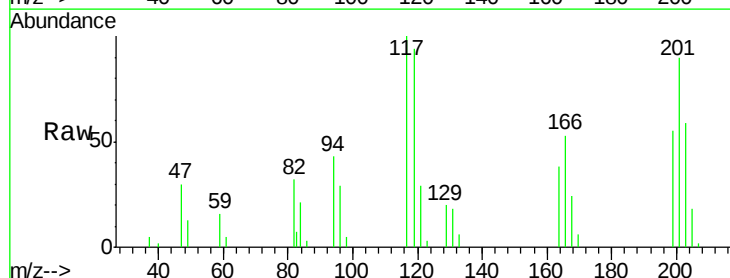
Tgt Ion:117 Resp: 11226

Ion Ratio Lower Upper

117 100

119 93.8 74.5 111.7

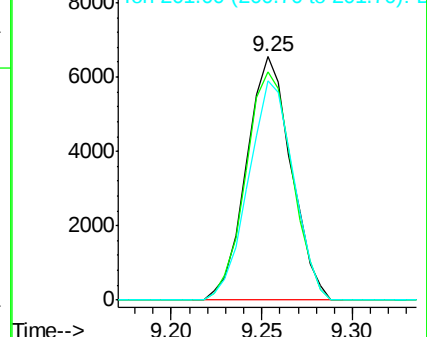
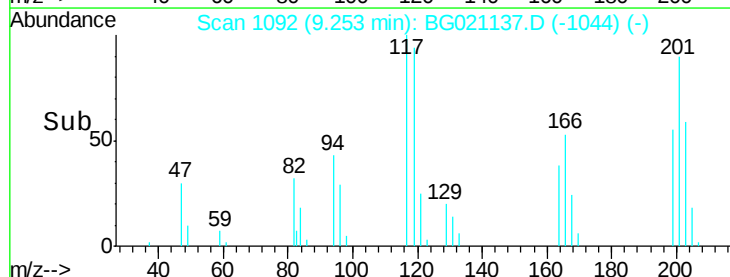
201 90.0 68.2 102.4

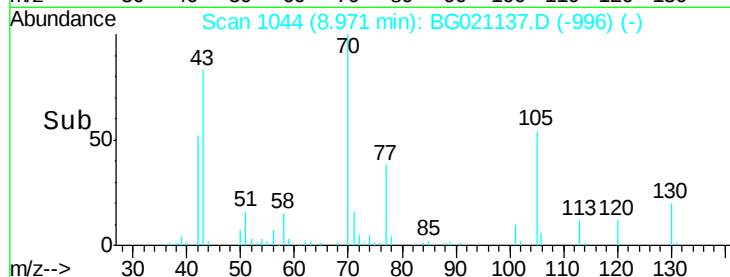
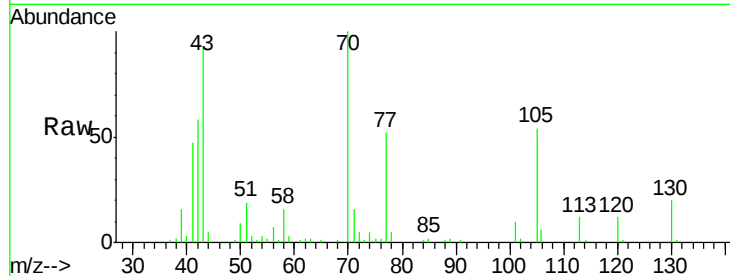
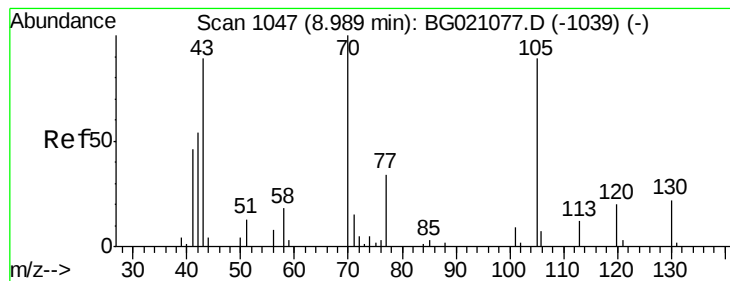


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 73.11 ng

RT: 8.97 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BG021137.D

Acq: 28 Feb 2016 5:29

Instrument :

BNA_G

ClientSampleId :

EP004MSD

Tgt Ion: 70 Resp: 31494

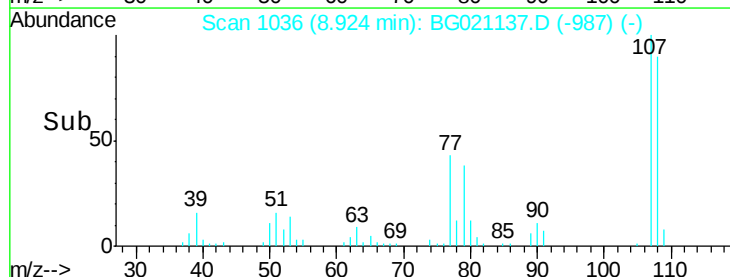
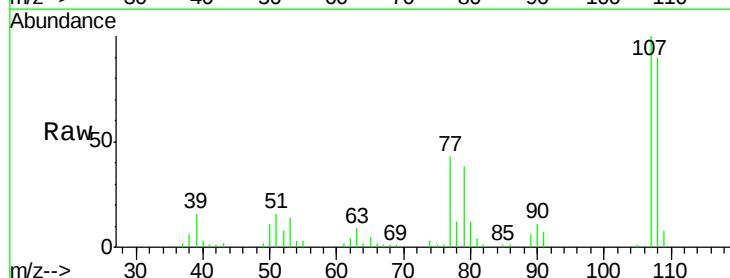
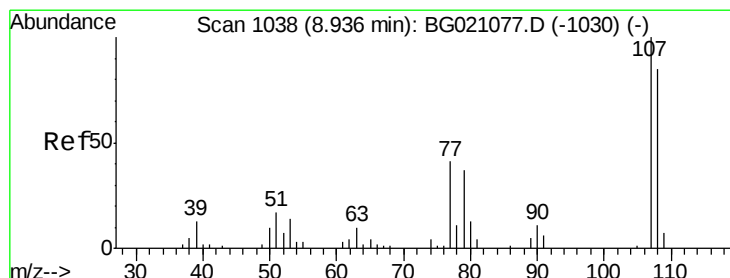
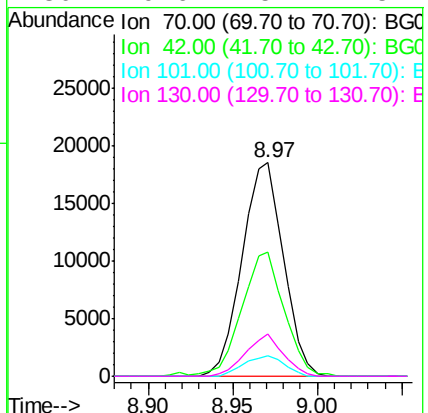
Ion Ratio Lower Upper

70 100

42 57.9 48.8 73.2

101 9.7 8.5 12.7

130 19.6 15.4 23.2



#20

3+4-Methylphenols

Concen: 75.29 ng

RT: 8.92 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BG021137.D

Acq: 28 Feb 2016 5:29

Tgt Ion: 107 Resp: 42151

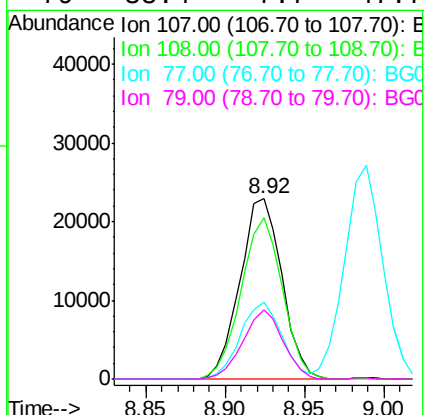
Ion Ratio Lower Upper

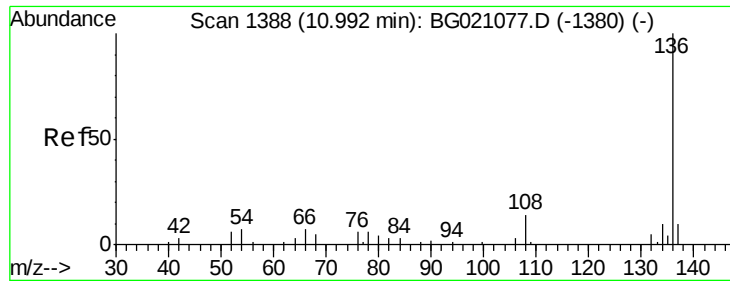
107 100

108 89.7 67.6 107.6

77 42.9 14.4 54.4

79 38.4 7.7 47.7

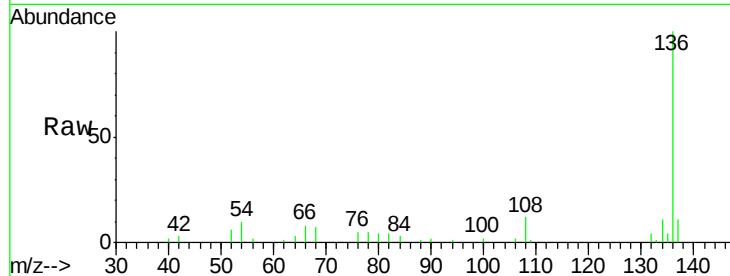




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BG021137.D
Acq: 28 Feb 2016 5:29

Instrument :
BNA_G
ClientSampleId :
EP004MSD

Tgt Ion:	136	Resp:	35292
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.1	6.9	10.3
68	7.3	5.8	8.6



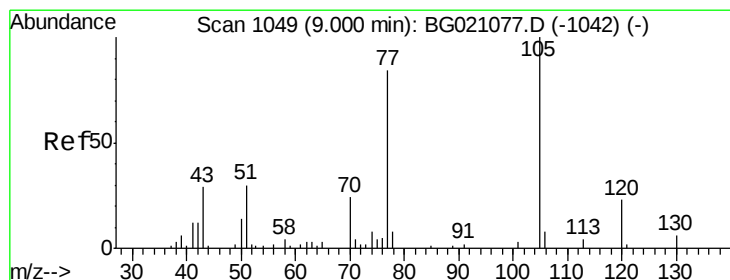
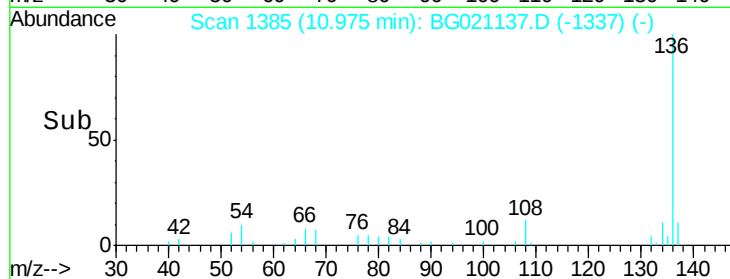
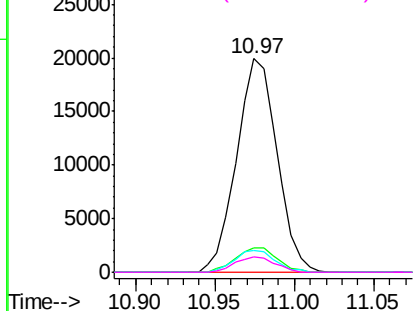
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

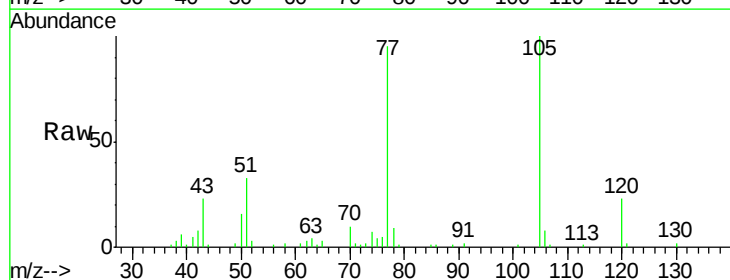
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 51.22 ng
RT: 8.99 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG021137.D
Acq: 28 Feb 2016 5:29

Tgt Ion:	105	Resp:	49897
Ion	Ratio	Lower	Upper
105	100		
71	1.7	0.0	0.0#
51	32.6	21.4	32.2#
120	22.7	18.0	27.0



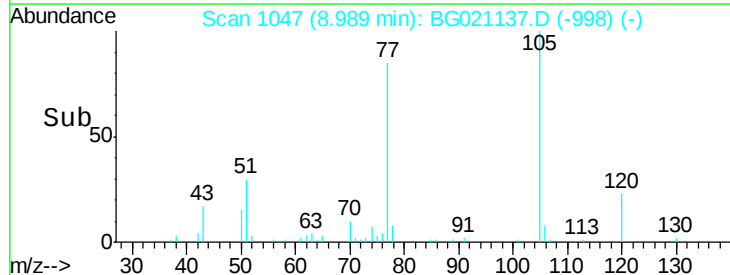
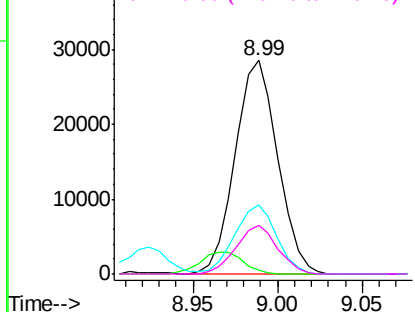
Abundance

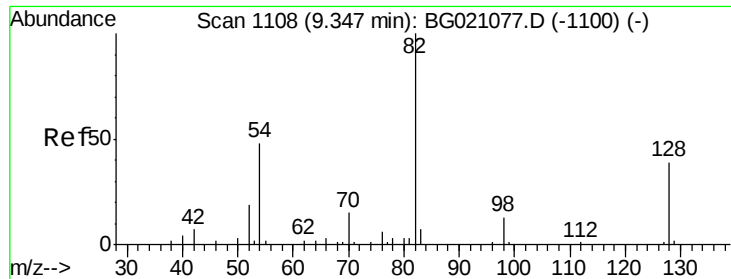
Ion 105.00 (104.70 to 105.70): E

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): E

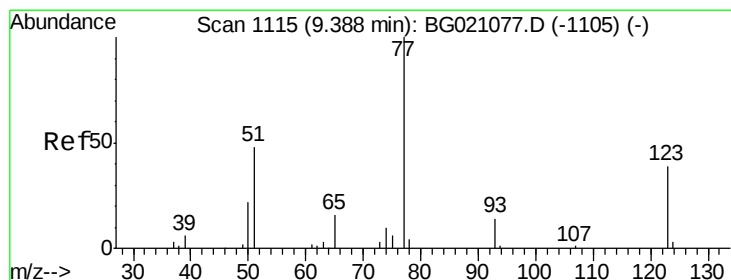
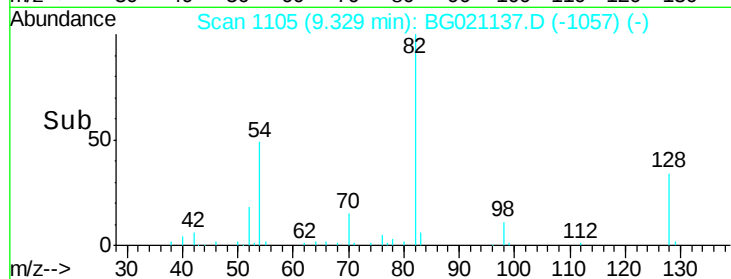
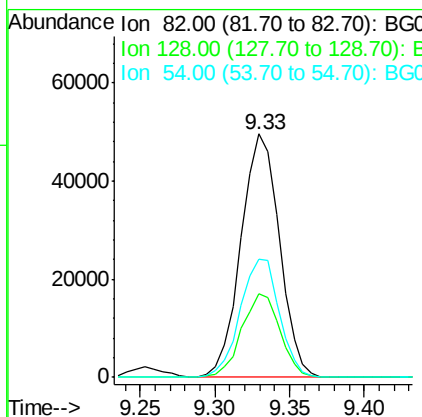
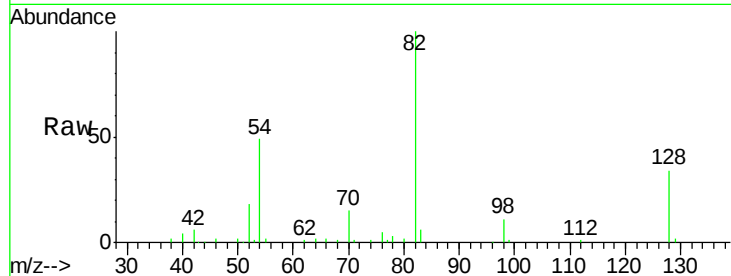




#23
 Nitrobenzene-d5
 Concen: 119.44 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BG021137.D
 Acq: 28 Feb 2016 5:29

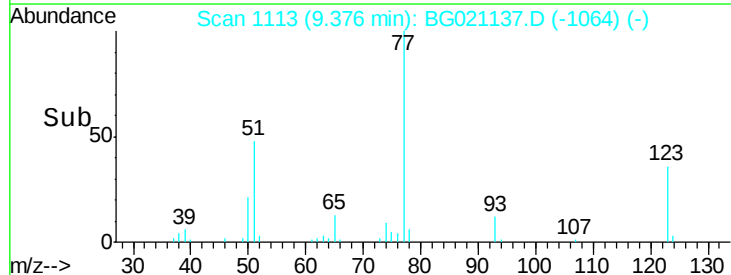
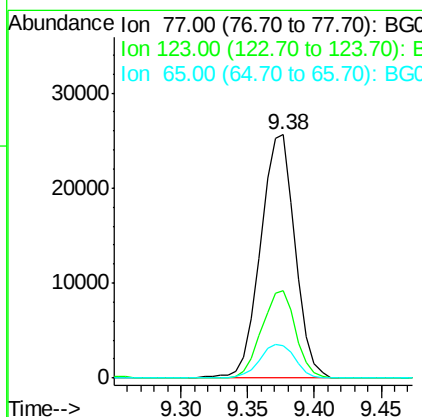
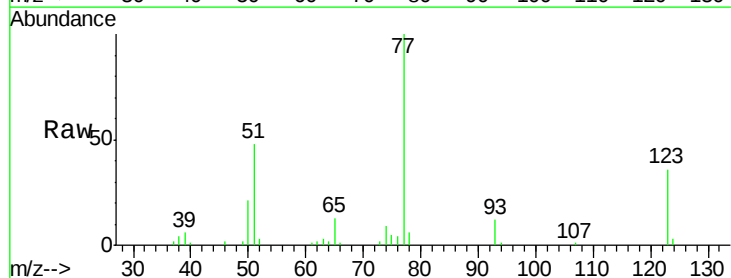
Instrument :
 BNA_G
 ClientSampleId :
 EP004MSD

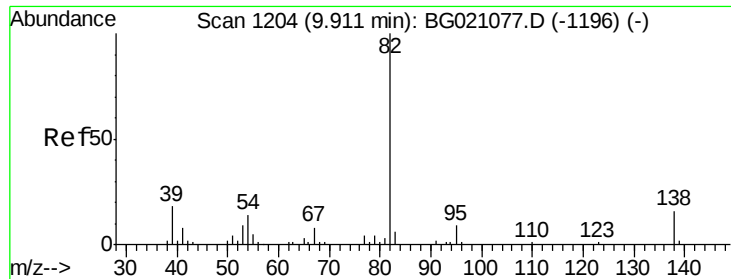
Tgt Ion: 82 Resp: 88470
 Ion Ratio Lower Upper
 82 100
 128 34.3 36.3 54.5#
 54 48.6 37.6 56.4



#24
 Nitrobenzene
 Concen: 59.94 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BG021137.D
 Acq: 28 Feb 2016 5:29

Tgt Ion: 77 Resp: 45867
 Ion Ratio Lower Upper
 77 100
 123 36.0 35.8 53.6
 65 13.4 10.6 16.0

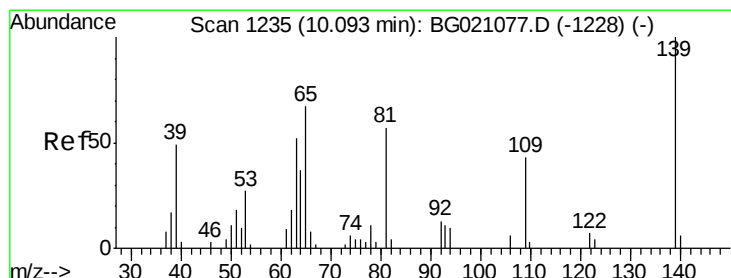
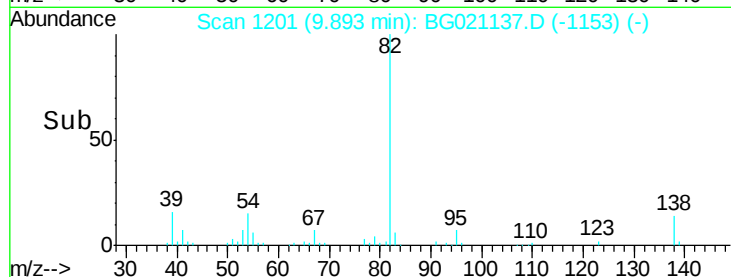
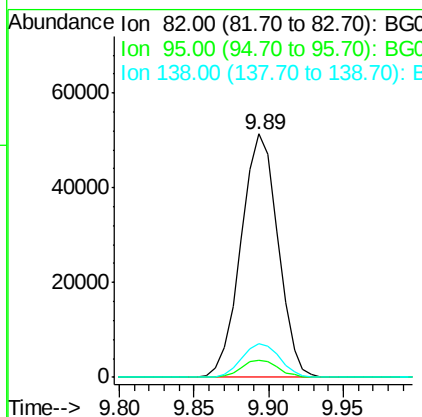
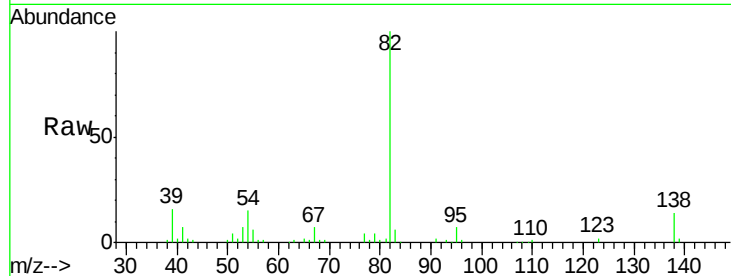




#25
Isophorone
Concen: 63.49 ng
RT: 9.89 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG021137.D
Acq: 28 Feb 2016 5:29

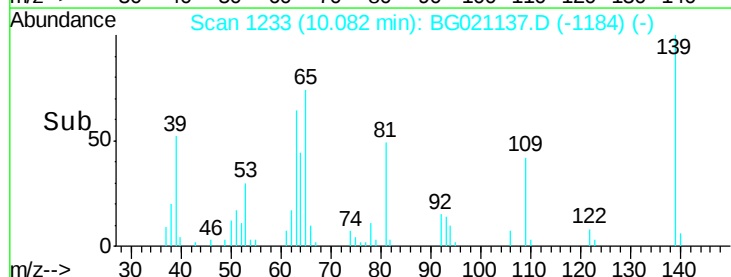
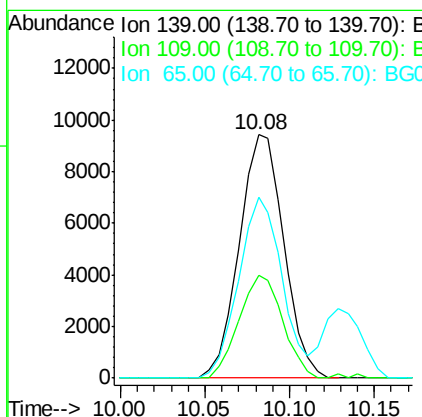
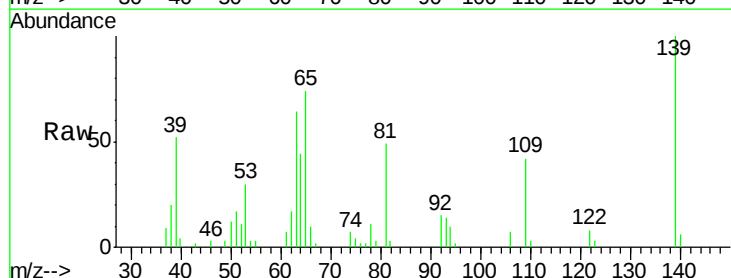
Instrument :
BNA_G
ClientSampleId :
EP004MSD

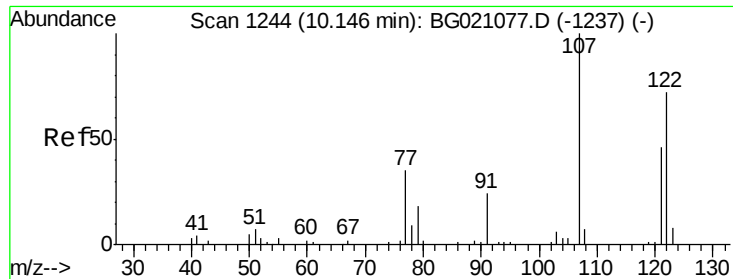
Tgt Ion: 82 Resp: 88148
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 14.1 13.4 20.0



#26
2-Nitrophenol
Concen: 53.45 ng
RT: 10.08 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BG021137.D
Acq: 28 Feb 2016 5:29

Tgt Ion: 139 Resp: 17293
Ion Ratio Lower Upper
139 100
109 42.1 21.4 32.0#
65 74.1 37.8 56.8#

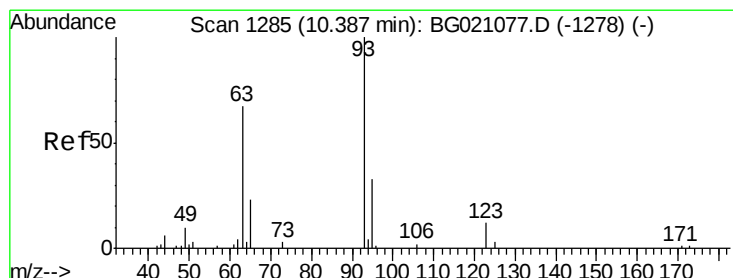
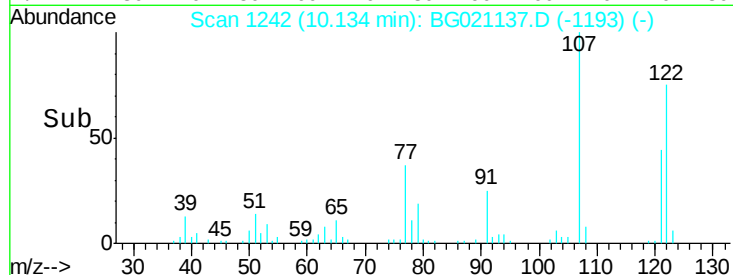
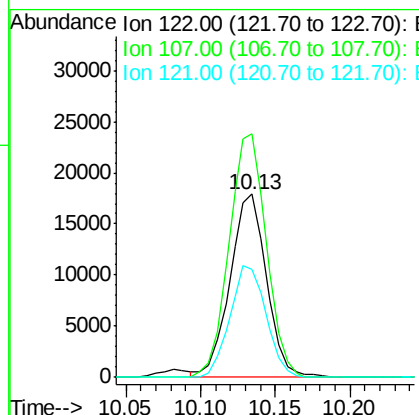
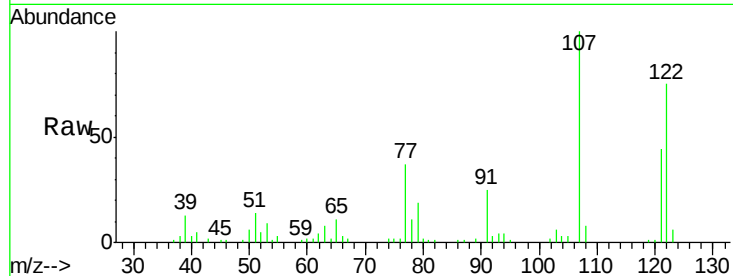




#27
 2,4-Dimethylphenol
 Concen: 53.64 ng
 RT: 10.13 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BG021137.D
 Acq: 28 Feb 2016 5:29

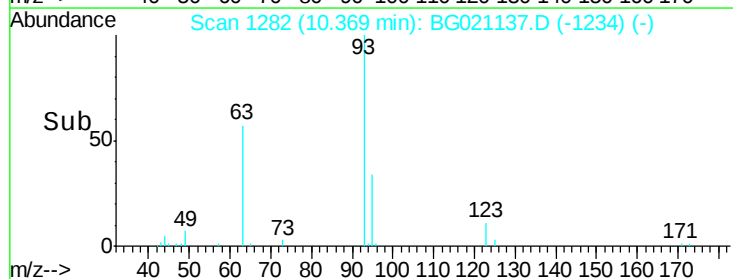
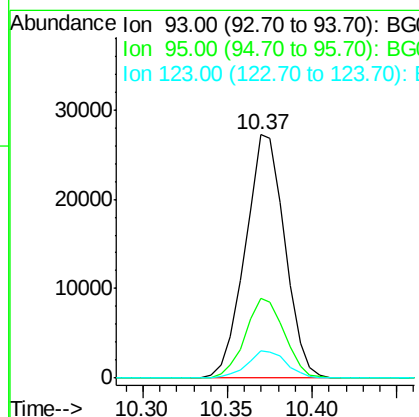
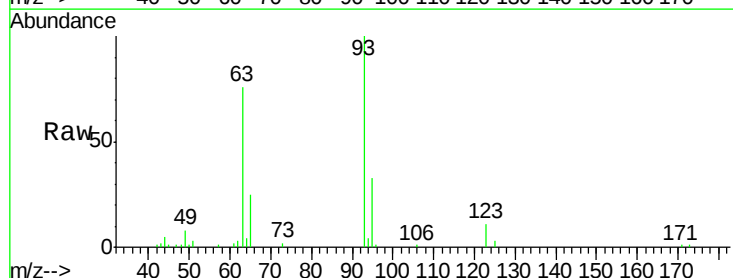
Instrument :
 BNA_G
 ClientSampleId :
 EP004MSD

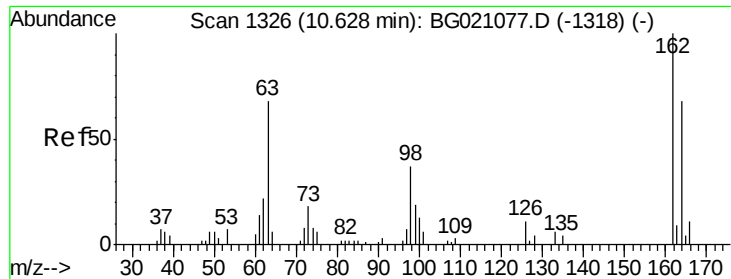
Tgt Ion:	122	Resp:	30611
Ion	Ratio	Lower	Upper
122	100		
107	132.9	94.1	141.1
121	58.7	45.9	68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 65.34 ng
 RT: 10.37 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BG021137.D
 Acq: 28 Feb 2016 5:29

Tgt Ion:	93	Resp:	44209
Ion	Ratio	Lower	Upper
93	100		
95	32.8	24.2	36.2
123	11.1	9.0	13.6

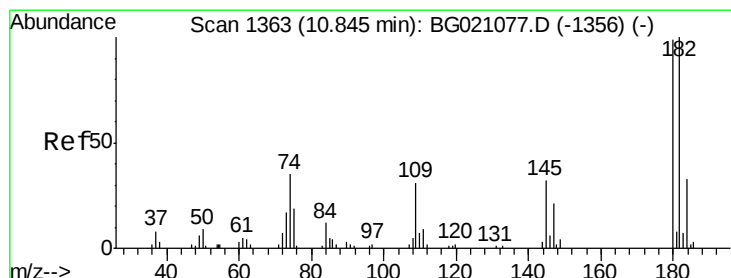
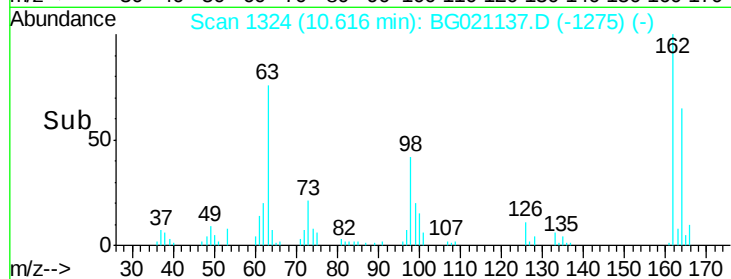
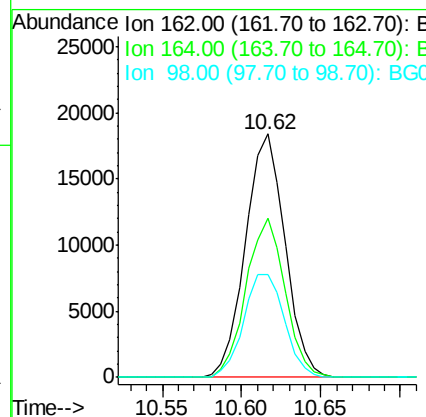
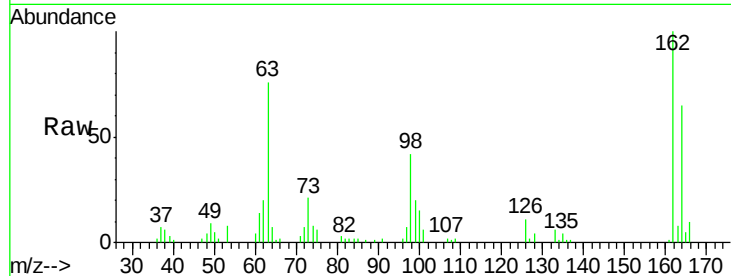




#29
 2,4-Dichlorophenol
 Concen: 57.13 ng
 RT: 10.62 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BG021137.D
 Acq: 28 Feb 2016 5:29

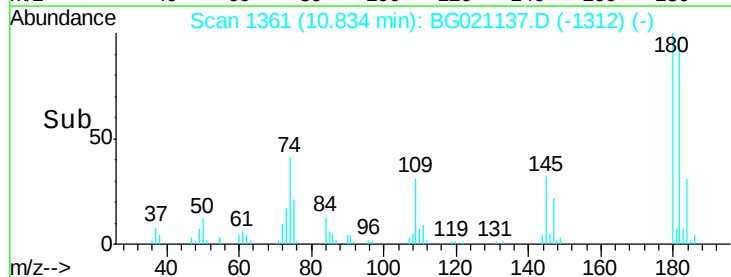
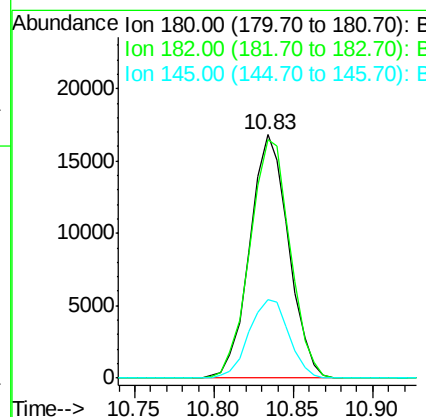
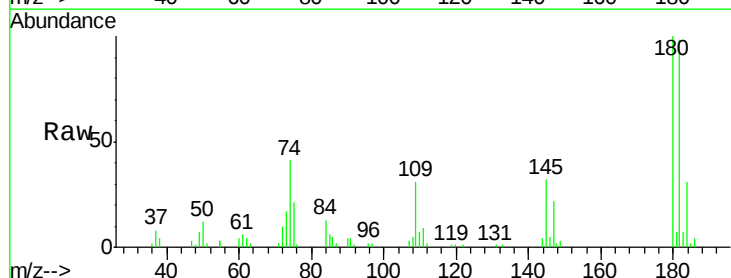
Instrument :
 BNA_G
 ClientSampleId :
 EP004MSD

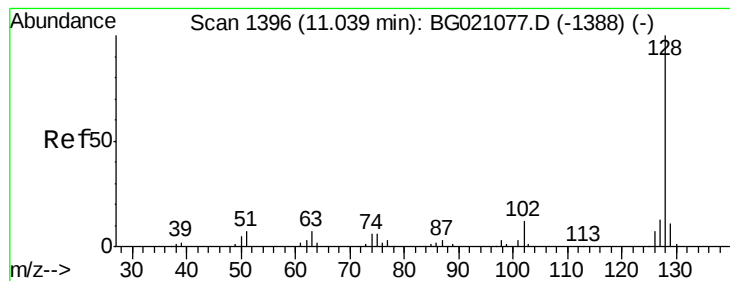
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.7	83.7
98	42.4	18.3	58.3



#30
 1,2,4-Trichlorobenzene
 Concen: 45.16 ng
 RT: 10.83 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BG021137.D
 Acq: 28 Feb 2016 5:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	77.4	116.0
145	32.2	25.7	38.5





#31

Naphthalene

Concen: 52.78 ng

RT: 11.03 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BG021137.D

Acq: 28 Feb 2016 5:29

Instrument :

BNA_G

ClientSampleId :

EP004MSD

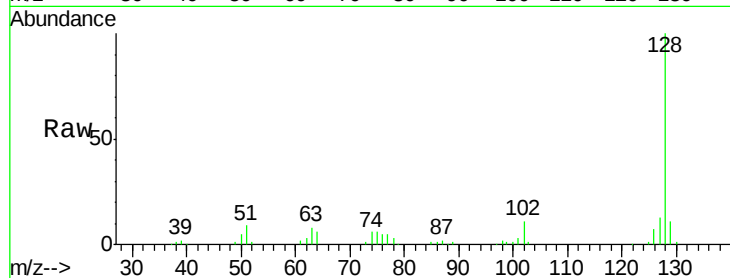
Tgt Ion:128 Resp: 95684

Ion Ratio Lower Upper

128 100

129 10.8 9.4 14.2

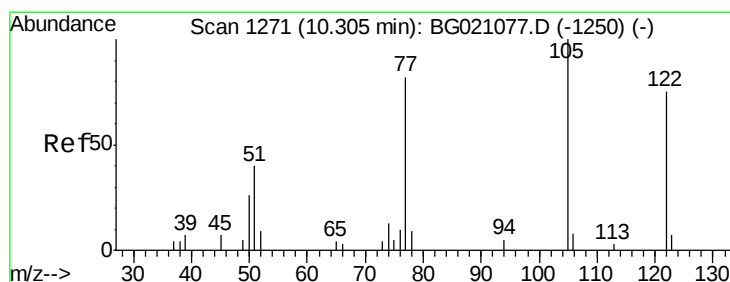
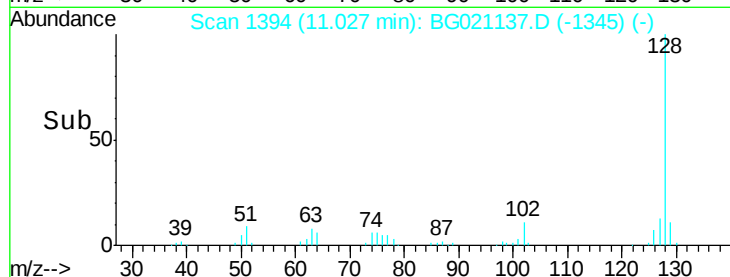
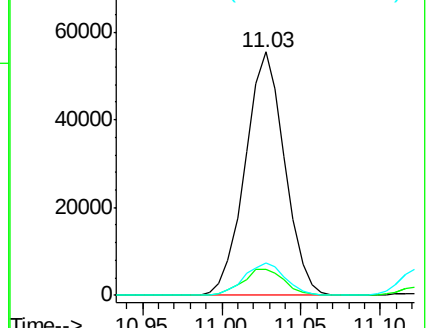
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 58.41 ng

RT: 10.13 min Scan# 1242

Delta R.T. -0.17 min

Lab File: BG021137.D

Acq: 28 Feb 2016 5:29

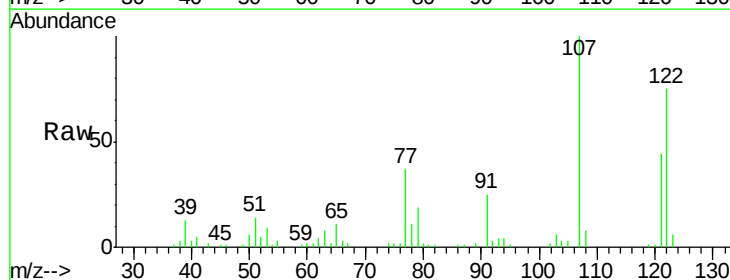
Tgt Ion:122 Resp: 30611

Ion Ratio Lower Upper

122 100

105 4.6 98.7 138.7#

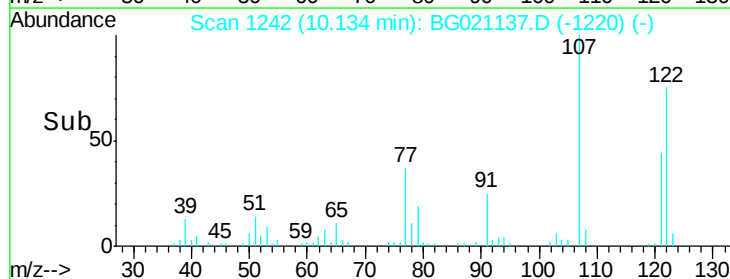
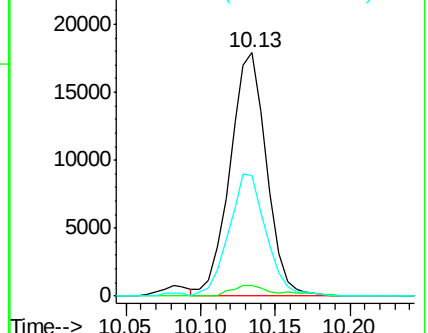
77 49.6 84.5 124.5#

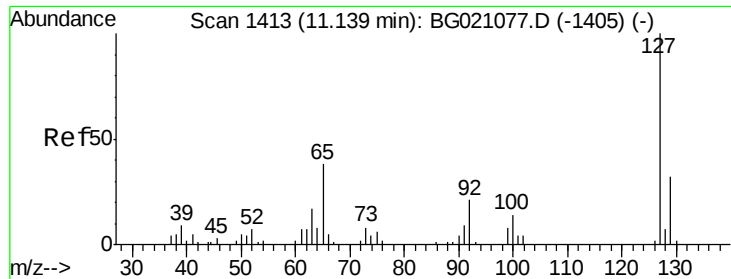


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

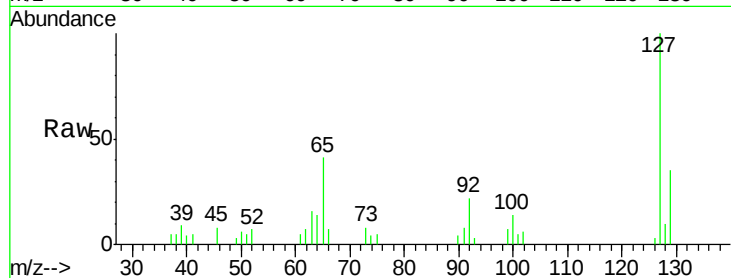




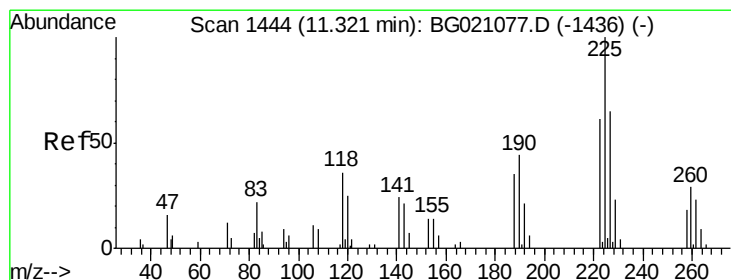
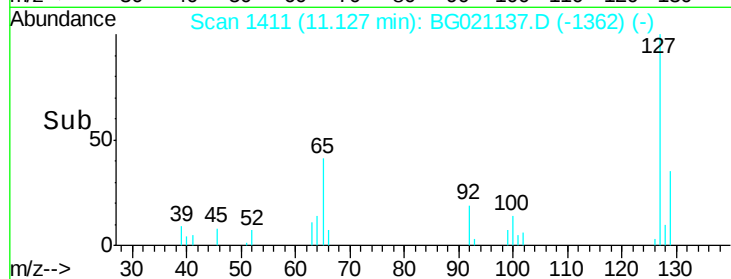
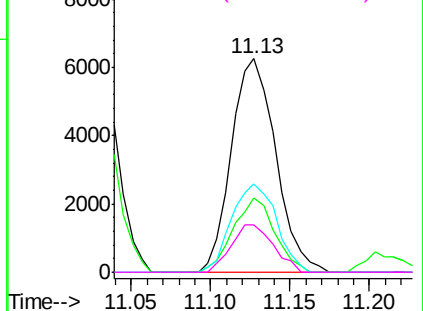
#33
4-Chloroaniline
Concen: 15.98 ng
RT: 11.13 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BG021137.D
Acq: 28 Feb 2016 5:29

Instrument :
BNA_G
ClientSampleId :
EP004MSD

Tgt Ion:	127	Resp:	12097
Ion	Ratio	Lower	Upper
127	100		
129	34.9	26.2	39.2
65	41.2	22.9	34.3#
92	22.1	15.0	22.6

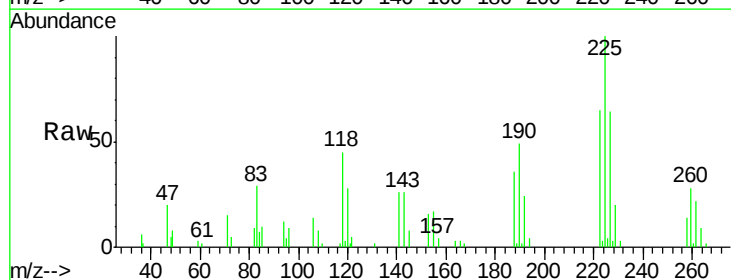


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

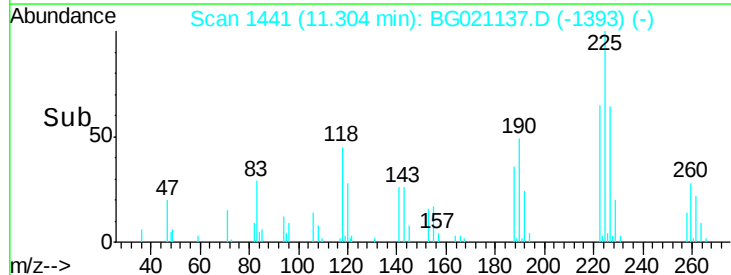
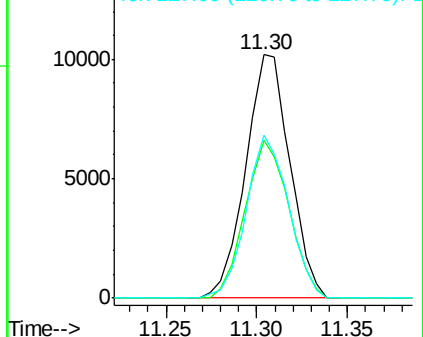


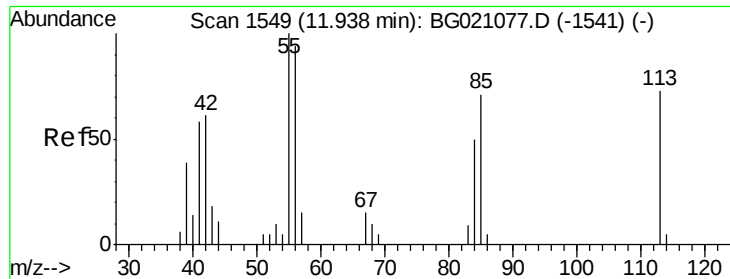
#34
Hexachlorobutadiene
Concen: 40.79 ng
RT: 11.30 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BG021137.D
Acq: 28 Feb 2016 5:29

Tgt Ion:	225	Resp:	17282
Ion	Ratio	Lower	Upper
225	100		
223	65.5	54.6	82.0
227	64.4	54.6	81.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

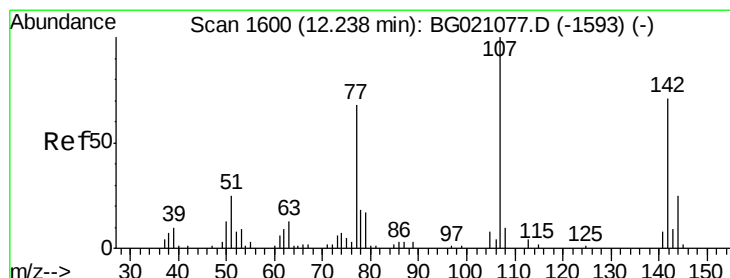
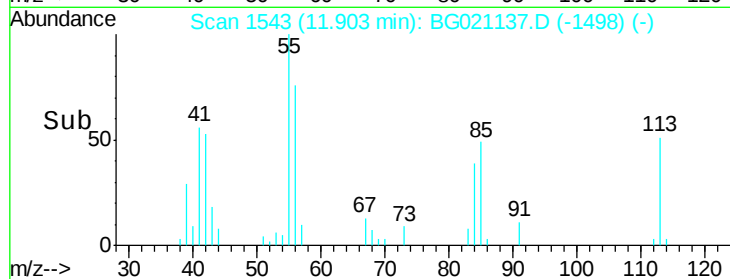
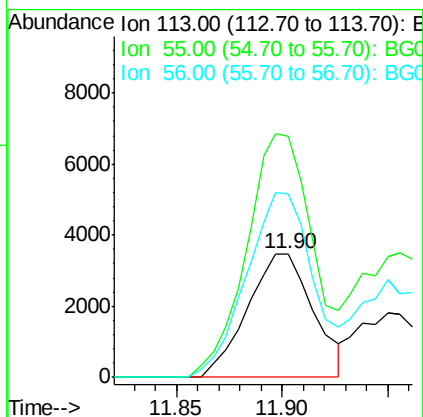
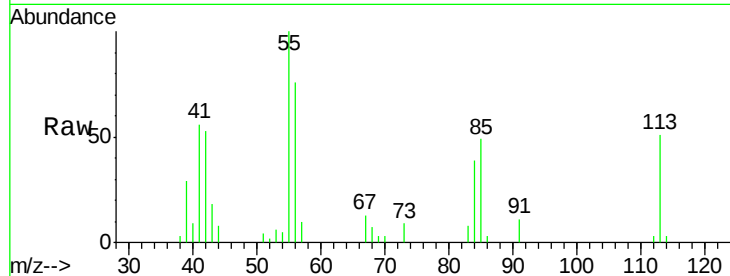




#35
 Caprolactam
 Concen: 39.85 ng
 RT: 11.90 min Scan# 1543
 Delta R.T. -0.04 min
 Lab File: BG021137.D
 Acq: 28 Feb 2016 5:29

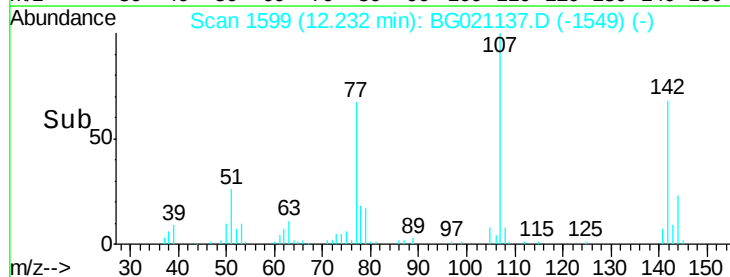
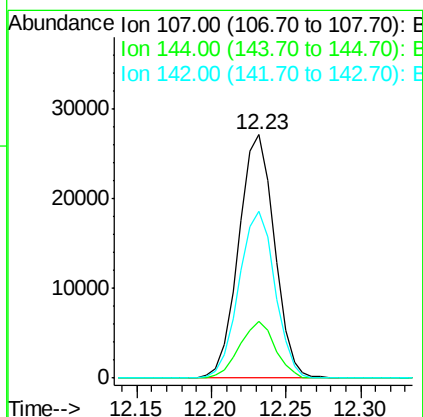
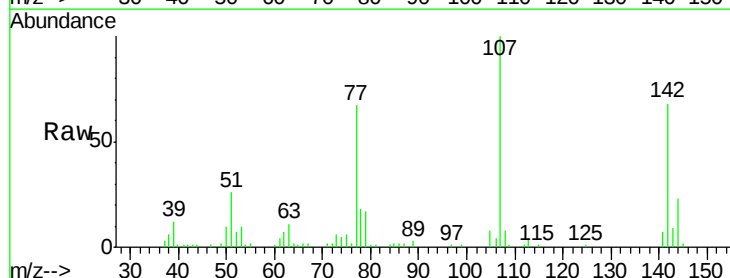
Instrument :
 BNA_G
 ClientSampleId :
 EP004MSD

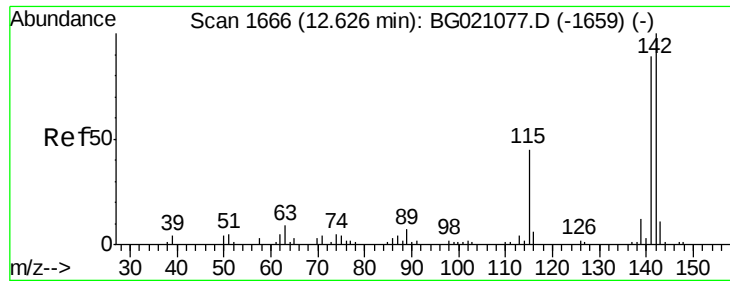
Tgt Ion:113 Resp: 7522
 Ion Ratio Lower Upper
 113 100
 55 194.9 155.2 195.2
 56 148.6 94.0 134.0#



#36
 4-Chloro-3-methylphenol
 Concen: 65.75 ng
 RT: 12.23 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG021137.D
 Acq: 28 Feb 2016 5:29

Tgt Ion:107 Resp: 45031
 Ion Ratio Lower Upper
 107 100
 144 23.2 21.8 32.8
 142 68.5 65.6 98.4

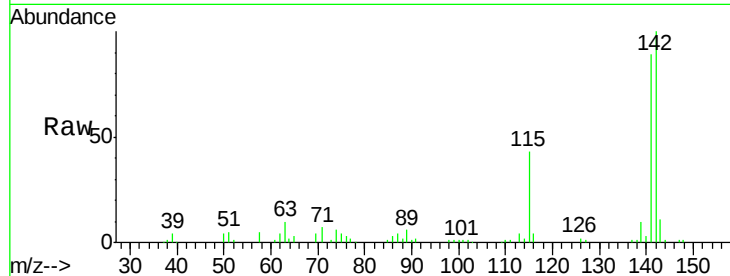




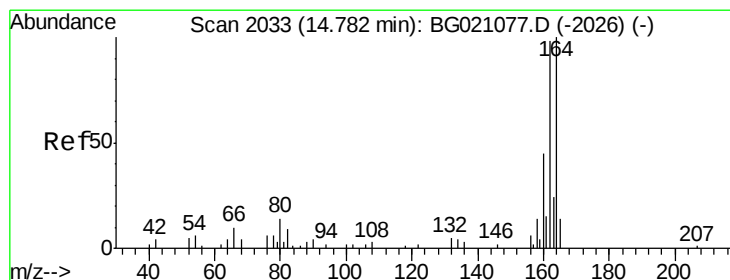
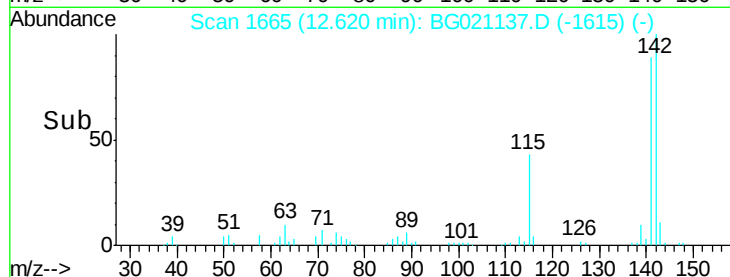
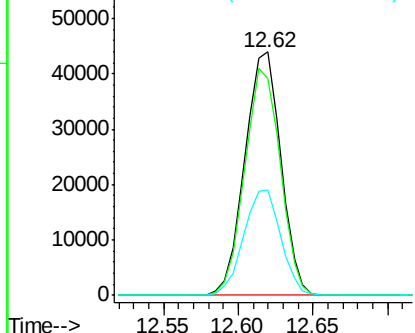
#37
 2-Methylnaphthalene
 Concen: 57.71 ng
 RT: 12.62 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BG021137.D
 Acq: 28 Feb 2016 5:29

Instrument :
 BNA_G
 ClientSampleId :
 EP004MSD

Tgt Ion:142 Resp: 73467
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.7 107.5
 115 43.4 26.2 39.4#

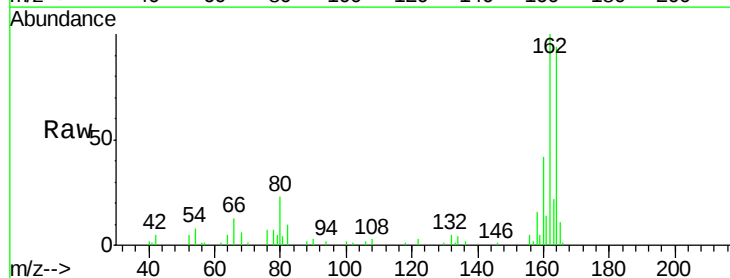


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

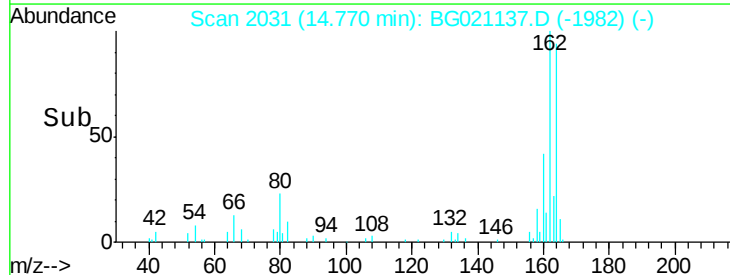
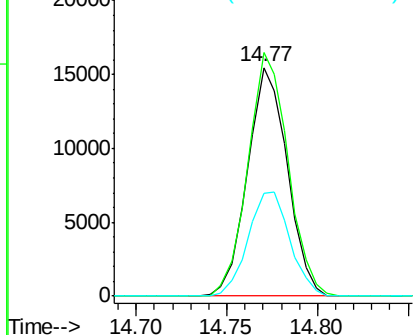


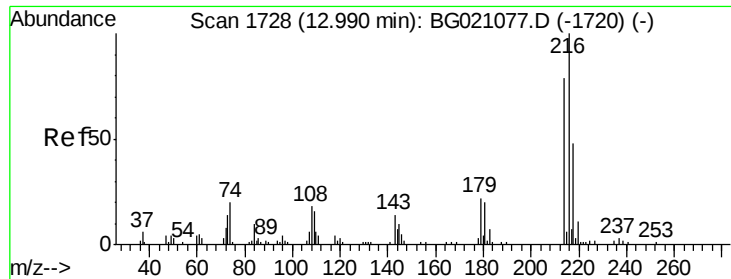
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG021137.D
 Acq: 28 Feb 2016 5:29

Tgt Ion:164 Resp: 23749
 Ion Ratio Lower Upper
 164 100
 162 106.6 80.6 120.8
 160 45.0 36.5 54.7



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: 41.58 ng

RT: 12.98 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BG021137.D

Acq: 28 Feb 2016 5:29

Instrument :

BNA_G

ClientSampleId :

EP004MSD

Tgt Ion:216 Resp: 36491

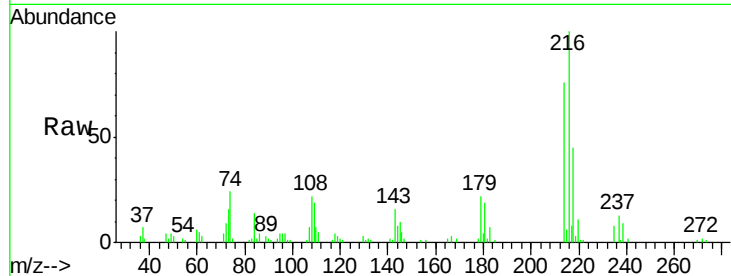
Ion Ratio Lower Upper

216 100

214 78.4 63.5 95.3

179 21.6 17.4 26.0

108 26.5 16.8 25.2#

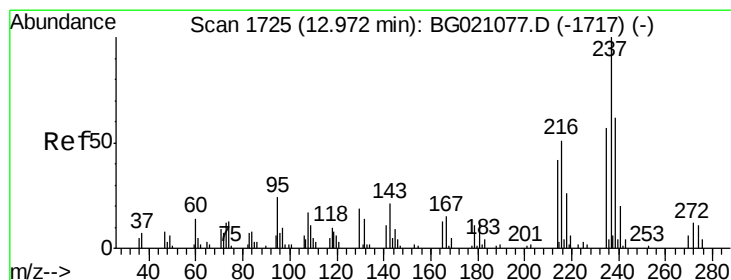
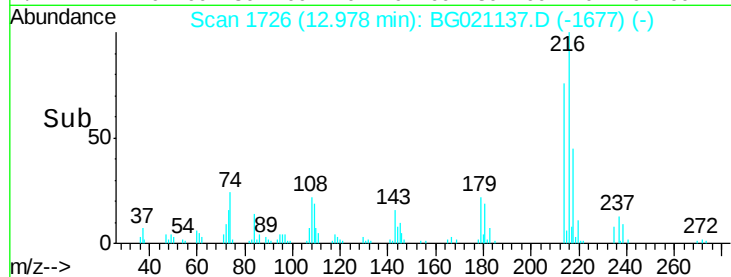
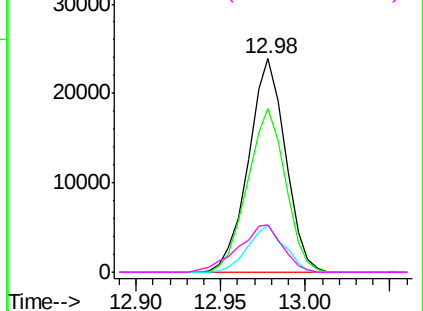


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 73.14 ng

RT: 12.95 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BG021137.D

Acq: 28 Feb 2016 5:29

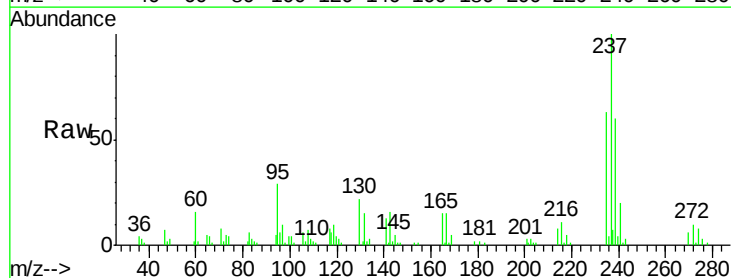
Tgt Ion:237 Resp: 42211

Ion Ratio Lower Upper

237 100

235 62.6 42.9 82.9

272 10.5 0.0 32.3



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

