

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042015\
 Data File : BG016562.D
 Acq On : 20 Apr 2015 21:35
 Operator : TP/IZ
 Sample : PB82873BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82873BS

Quant Time: Apr 21 01:54:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 01:34:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	66104	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	291300	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	173311	20.00	ng	0.00
63) Phenanthrene-d10	17.03	188	373231	20.00	ng	0.00
75) Chrysene-d12	21.22	240	319589	20.00	ng	0.00
86) Perylene-d12	23.43	264	306174	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	565896	135.11	ng	0.00
7) Phenol-d6	6.85	99	773464	123.01	ng	0.01
23) Nitrobenzene-d5	8.81	82	395057	78.56	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	167668	143.05	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	883247	86.77	ng	0.00
78) Terphenyl-d14	19.66	244	1072850	78.57	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	65925	34.62	ng	98
3) Pyridine	3.52	79	184503	32.42	ng	96
4) n-Nitrosodimethylamine	3.44	42	60019	35.48	ng	99
6) Aniline	6.99	93	135885	15.13	ng	95
8) 2-Chlorophenol	7.22	128	214966	42.74	ng	96
9) Benzaldehyde	6.79	77	23369	6.35	ng	89
10) Phenol	6.87	94	267695	39.79	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	190308	35.48	ng	96
12) 1,3-Dichlorobenzene	7.54	146	204605	40.28	ng	96
13) 1,4-Dichlorobenzene	7.69	146	208558	39.58	ng	94
14) 1,2-Dichlorobenzene	8.00	146	202374	40.16	ng	98
15) Benzyl Alcohol	7.90	79	151532	34.57	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.19	45	196101	32.46	ng	97
17) 2-Methylphenol	8.11	107	178460	39.56	ng	99
18) Hexachloroethane	8.72	117	75900	37.65	ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	138364	30.71	ng	97
20) 3+4-Methylphenols	8.44	107	243865	39.03	ng	98
22) Acetophenone	8.47	105	263681	39.04	ng	97
24) Nitrobenzene	8.85	77	198734	36.96	ng	92
25) Isophorone	9.37	82	388283	34.77	ng	95
26) 2-Nitrophenol	9.56	139	114728	45.75	ng	95
27) 2,4-Dimethylphenol	9.63	122	210049	44.97	ng	99
28) bis(2-Chloroethoxy)methane	9.85	93	239614	37.59	ng	98
29) 2,4-Dichlorophenol	10.10	162	183325	49.60	ng	96
30) 1,2,4-Trichlorobenzene	10.30	180	168885	43.77	ng	98
31) Naphthalene	10.48	128	604901	39.85	ng	99
32) Benzoic acid	9.79	122	108969	37.99	ng	97
33) 4-Chloroaniline	10.61	127	58741	8.25	ng	96
34) Hexachlorobutadiene	10.77	225	74801	44.13	ng	97
35) Caprolactam	11.38	113	59697	25.66	ng	95
36) 4-Chloro-3-methylphenol	11.75	107	217998	44.65	ng	94
37) 2-Methylnaphthalene	12.11	142	441774	40.46	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.48	216	156075	40.90	ng	99
40) Hexachlorocyclopentadiene	12.45	237	120883	69.21	ng	98

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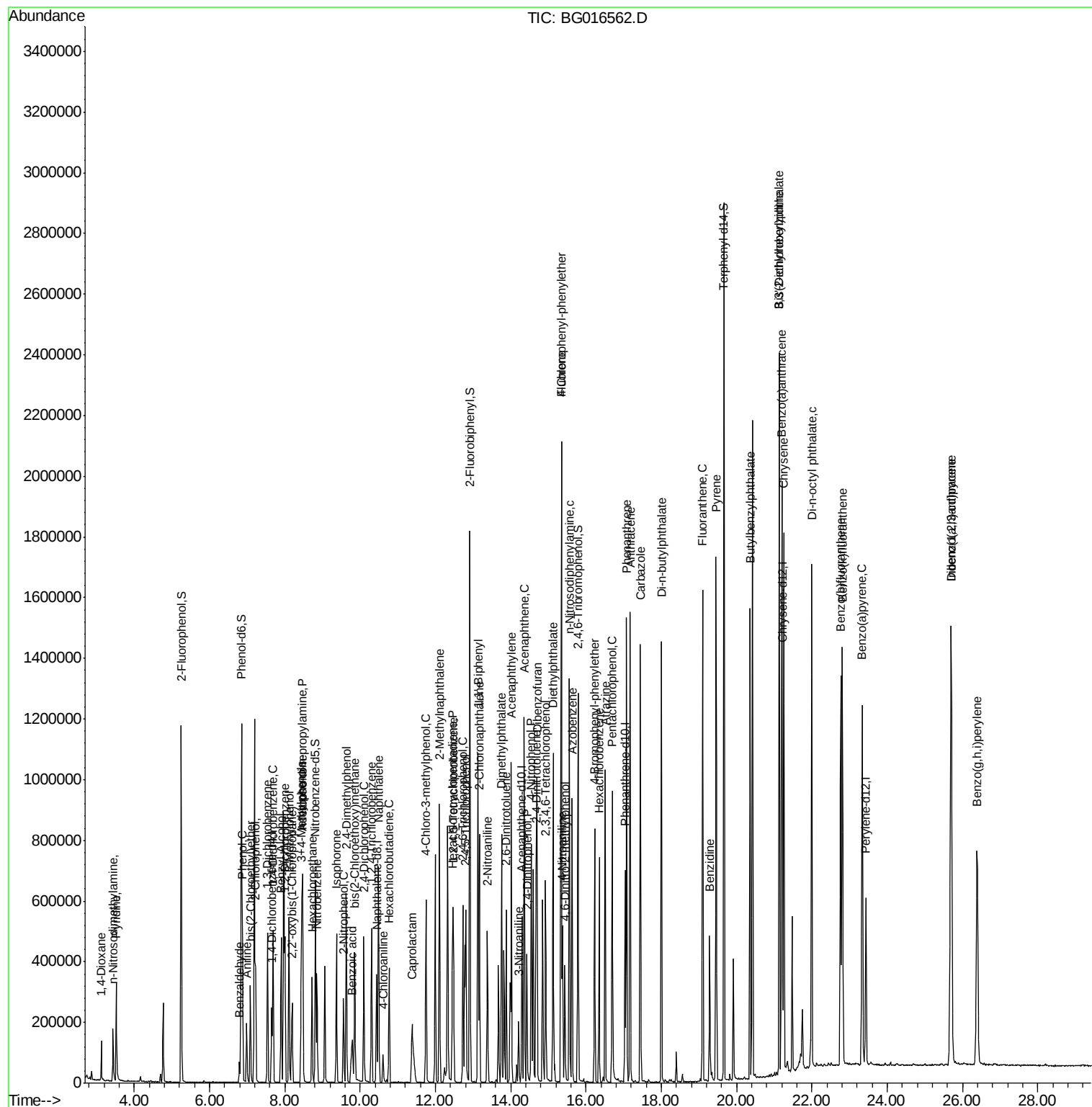
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.73	196	129805	45.78	ng	98
43) 2,4,5-Trichlorophenol	12.80	196	144487	47.69	ng	94
45) 1,1'-Biphenyl	13.13	154	546136	41.08	ng	98
46) 2-Chloronaphthalene	13.17	162	419341	41.41	ng	97
47) 2-Nitroaniline	13.38	65	128962	39.51	ng	89
48) Acenaphthylene	14.01	152	723626	40.18	ng	99
49) Dimethylphthalate	13.76	163	535257	42.14	ng	99
50) 2,6-Dinitrotoluene	13.88	165	135238	44.02	ng	93
51) Acenaphthene	14.36	154	440042	40.89	ng	98
52) 3-Nitroaniline	14.21	138	63425	16.17	ng	93
53) 2,4-Dinitrophenol	14.43	184	114537	66.03	ng	91
54) Dibenzofuran	14.70	168	640151	42.87	ng	99
55) 4-Nitrophenol	14.54	139	262115	80.84	ng	98
56) 2,4-Dinitrotoluene	14.67	165	191524	45.77	ng	93
57) Fluorene	15.34	166	562017	42.66	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.93	232	111078	47.51	ng	95
59) Diethylphthalate	15.13	149	575550	42.57	ng	99
60) 4-Chlorophenyl-phenylether	15.34	204	233272	43.29	ng	99
61) 4-Nitroaniline	15.38	138	172296	38.69	ng	97
62) Azobenzene	15.63	77	559974	38.91	ng	99
64) 4,6-Dinitro-2-methylphenol	15.44	198	98455	38.33	ng	89
65) n-Nitrosodiphenylamine	15.56	169	509742	40.40	ng	100
66) 4-Bromophenyl-phenylether	16.23	248	124295	41.71	ng	94
67) Hexachlorobenzene	16.35	284	125747	40.60	ng	97
68) Atrazine	16.51	200	164117	46.67	ng	97
69) Pentachlorophenol	16.69	266	143285	75.76	ng	98
70) Phenanthrene	17.08	178	863968	41.16	ng	100
71) Anthracene	17.17	178	874851	42.05	ng	100
72) Carbazole	17.45	167	893491	42.79	ng	99
73) Di-n-butylphthalate	18.00	149	1067290	41.77	ng	100
74) Fluoranthene	19.10	202	903300	41.75	ng	96
76) Benzidine	19.28	184	272545	20.11	ng	98
77) Pyrene	19.46	202	937681	42.14	ng	99
79) Butylbenzylphthalate	20.36	149	498544	45.60	ng	94
80) Benzo(a)anthracene	21.20	228	793115	41.99	ng	100
81) 3,3'-Dichlorobenzidine	21.14	252	134576	21.67	ng	99
82) Chrysene	21.25	228	751997	41.24	ng	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	675425	45.63	ng	97
84) Di-n-octyl phthalate	21.99	149	1153886	47.85	ng	97
85) Indeno(1,2,3-cd)pyrene	25.69	276	837086	44.19	ng	98
87) Benzo(b)fluoranthene	22.77	252	746727	41.64	ng	99
88) Benzo(k)fluoranthene	22.81	252	741446	42.25	ng	99
89) Benzo(a)pyrene	23.34	252	735572	43.77	ng	98
90) Dibenzo(a,h)anthracene	25.71	278	693954	42.43	ng	100
91) Benzo(g,h,i)perylene	26.39	276	712427	43.61	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.65 min Scan# 845

Delta R.T. 0.01 min

Lab File: BG016562.D

Acq: 20 Apr 2015 21:35

Instrument :

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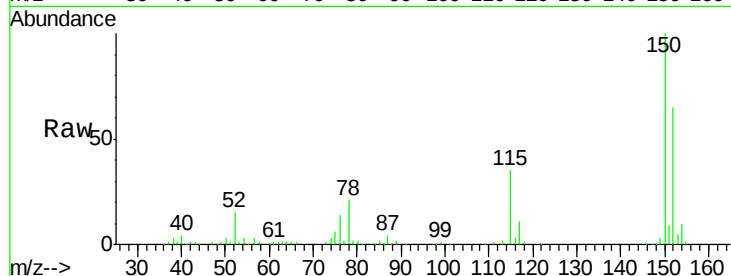
Tgt Ion:152 Resp: 66104

Ion Ratio Lower Upper

152 100

150 154.6 130.1 195.1

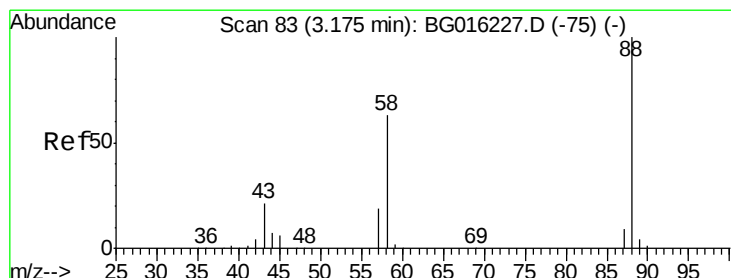
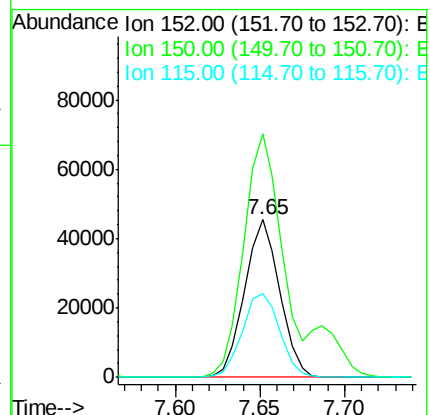
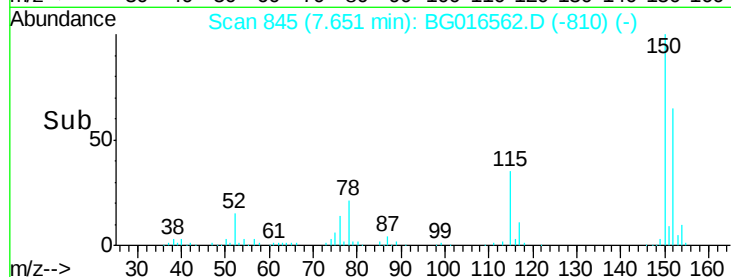
115 53.4 50.5 75.7



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: 34.62 ng

RT: 3.12 min Scan# 74

Delta R.T. 0.00 min

Lab File: BG016562.D

Acq: 20 Apr 2015 21:35

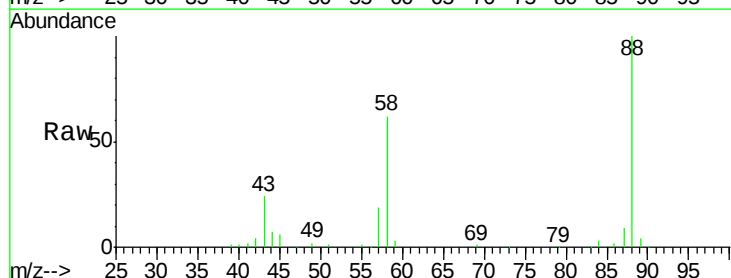
Tgt Ion: 88 Resp: 65925

Ion Ratio Lower Upper

88 100

58 62.1 50.6 76.0

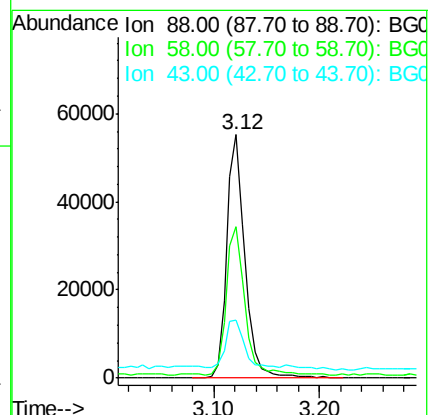
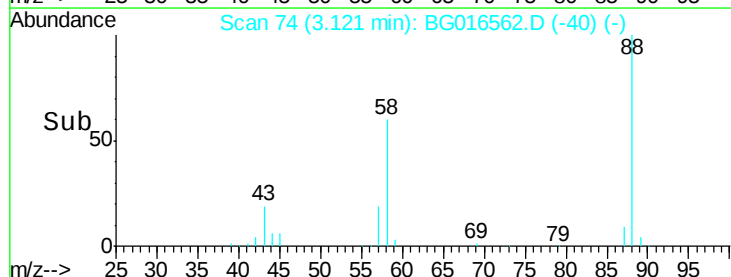
43 18.9 17.0 25.4



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: 32.42 ng

RT: 3.52 min Scan# 141

Delta R.T. 0.00 min

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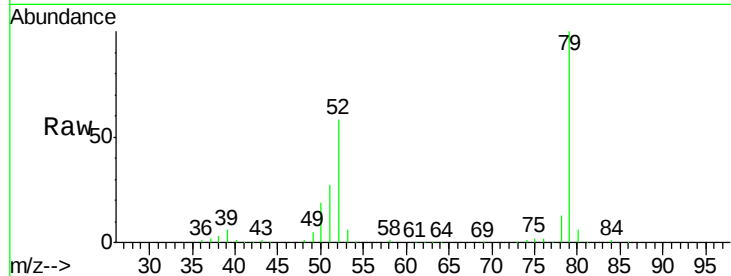
Tgt Ion: 79 Resp: 184503

Ion Ratio Lower Upper

79 100

52 57.6 49.0 73.4

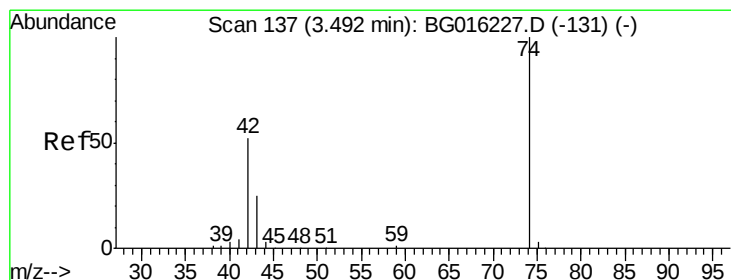
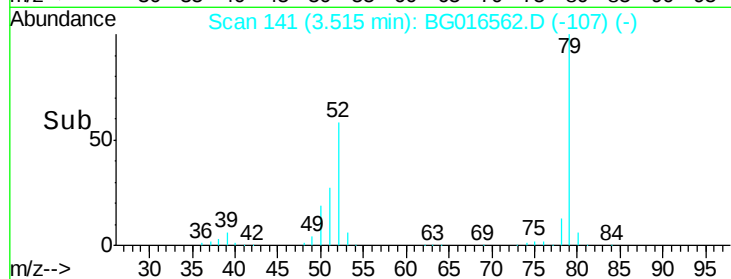
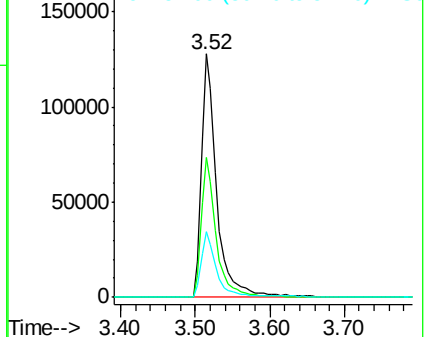
51 27.2 22.5 33.7



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: 35.48 ng

RT: 3.44 min Scan# 128

Delta R.T. 0.00 min

Lab File: BG016562.D

Acq: 20 Apr 2015 21:35

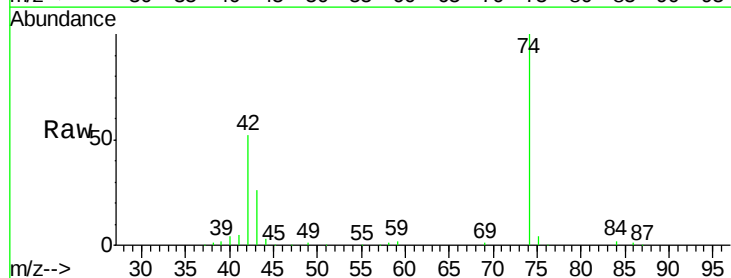
Tgt Ion: 42 Resp: 60019

Ion Ratio Lower Upper

42 100

74 194.0 153.7 230.5

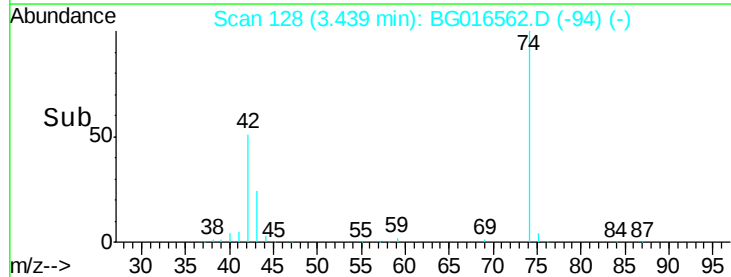
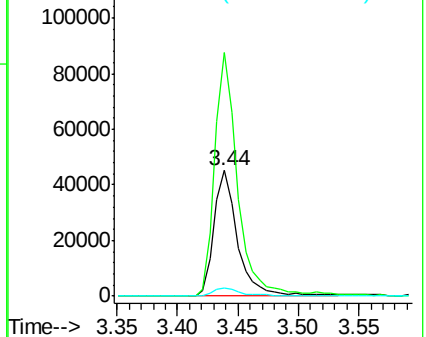
44 6.3 5.3 7.9

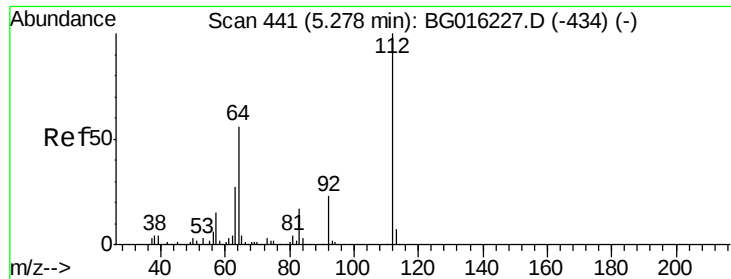


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 135.11 ng

RT: 5.24 min Scan# 435

Delta R.T. 0.01 min

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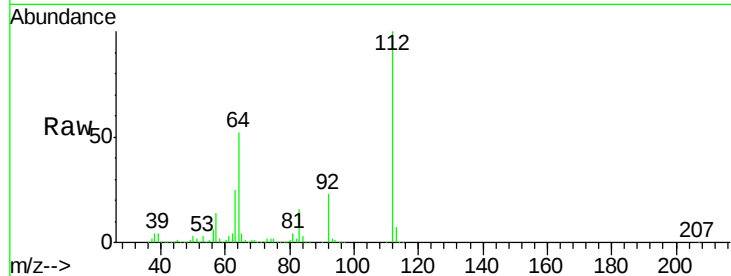
Tgt Ion: 112 Resp: 565896

Ion Ratio Lower Upper

112 100

64 52.5 44.5 66.7

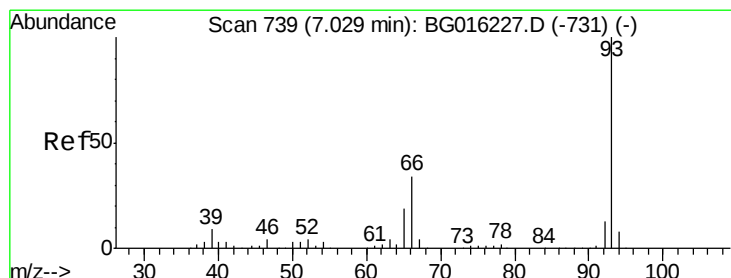
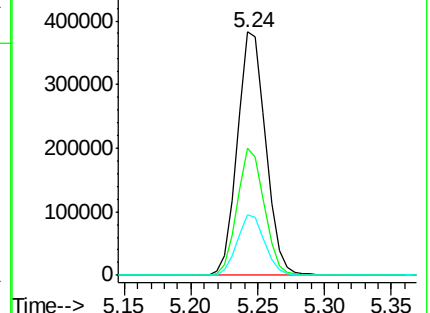
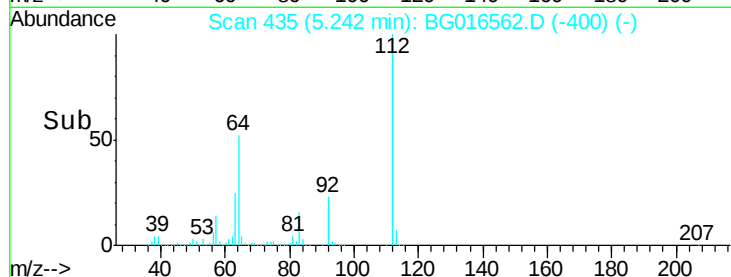
63 24.8 21.4 32.0



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: 15.13 ng

RT: 6.99 min Scan# 732

Delta R.T. 0.01 min

Lab File: BG016562.D

Acq: 20 Apr 2015 21:35

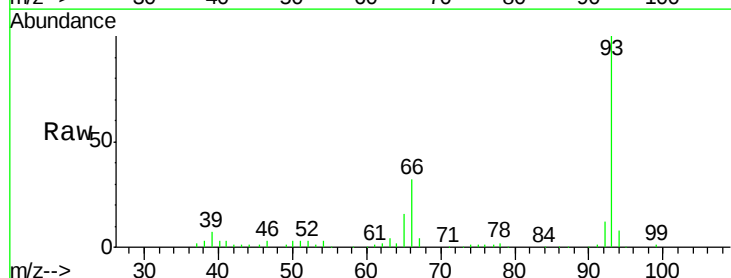
Tgt Ion: 93 Resp: 135885

Ion Ratio Lower Upper

93 100

66 31.9 27.5 41.3

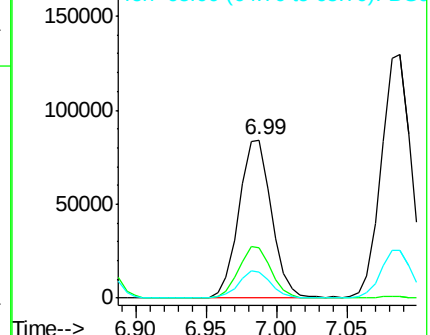
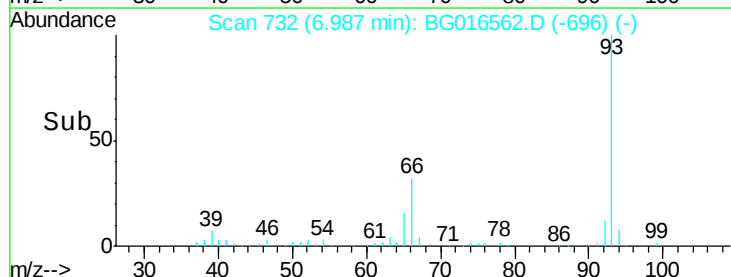
65 16.3 15.1 22.7

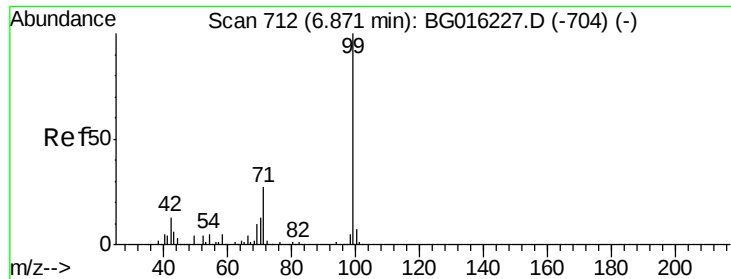


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.01 ng

RT: 6.85 min Scan# 708

Delta R.T. 0.01 min

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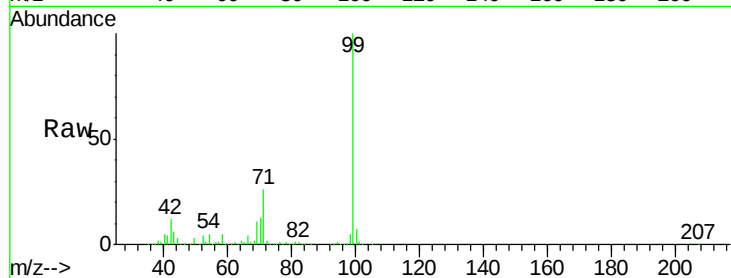
Tgt Ion: 99 Resp: 773464

Ion Ratio Lower Upper

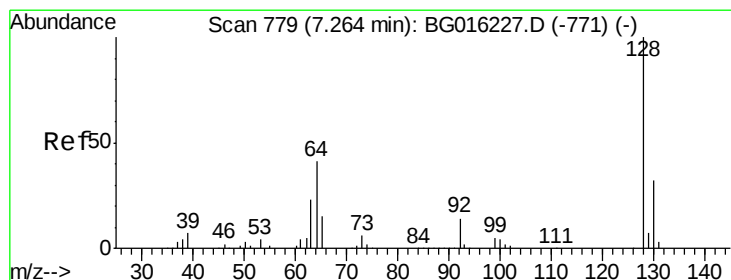
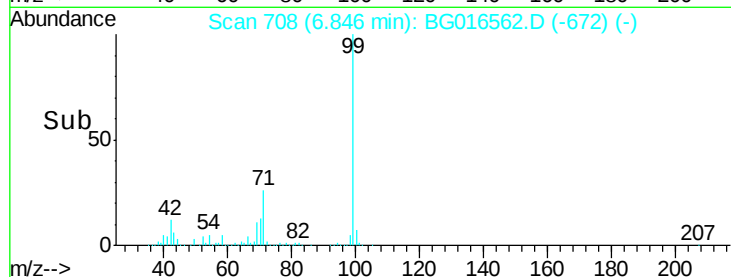
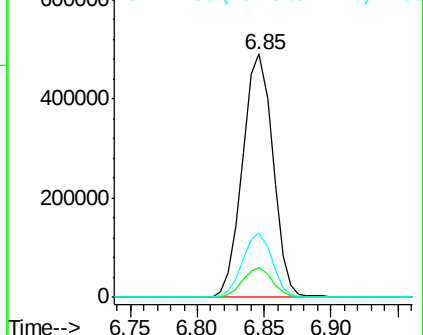
99 100

42 12.1 10.0 15.0

71 26.5 21.5 32.3



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: 42.74 ng

RT: 7.22 min Scan# 772

Delta R.T. 0.01 min

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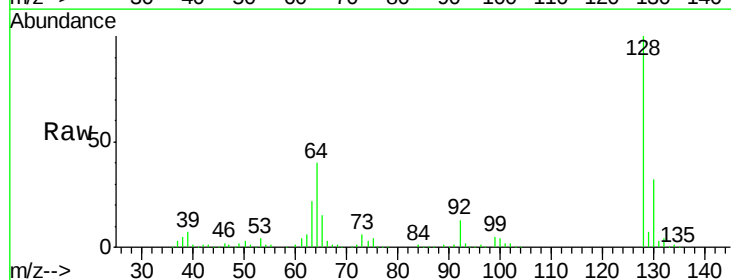
Tgt Ion: 128 Resp: 214966

Ion Ratio Lower Upper

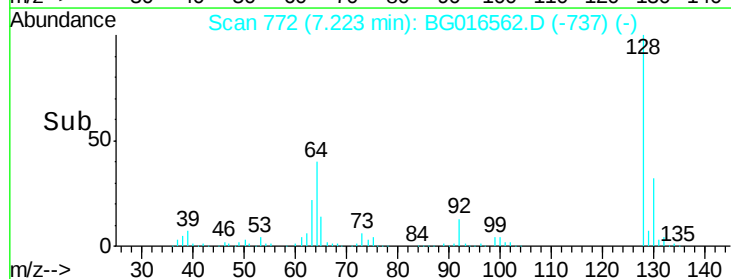
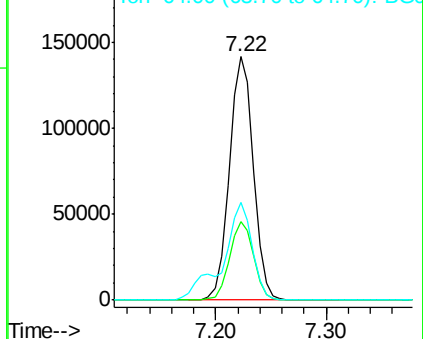
128 100

130 32.3 11.6 51.6

64 39.9 24.2 64.2



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: 6.35 ng

RT: 6.79 min Scan# 699

Delta R.T. 0.00 min

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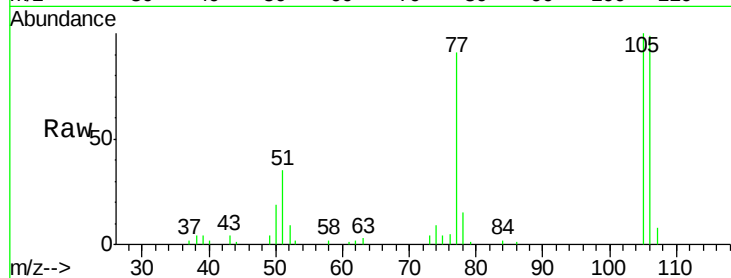
Tgt Ion: 77 Resp: 23369

Ion Ratio Lower Upper

77 100

105 109.9 76.8 116.8

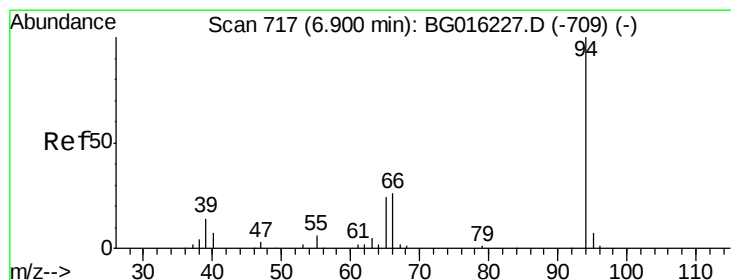
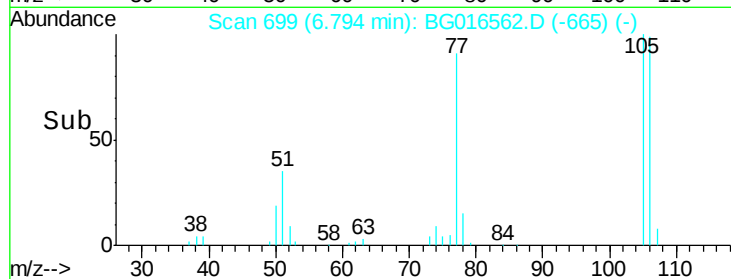
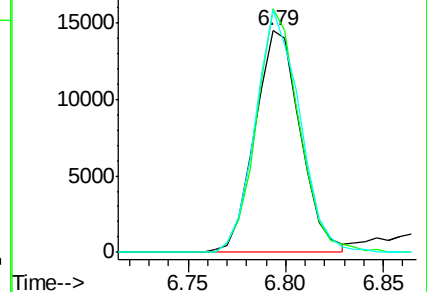
106 109.2 80.1 120.1



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: 39.79 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.01 min

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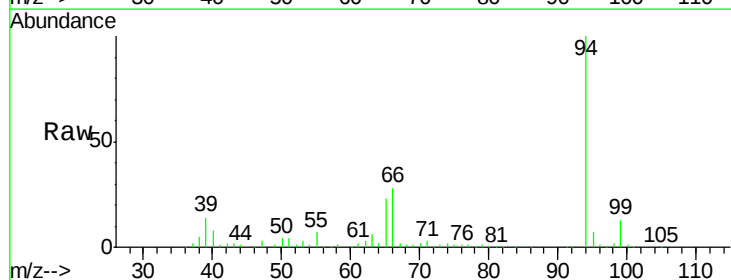
Tgt Ion: 94 Resp: 267695

Ion Ratio Lower Upper

94 100

65 23.4 3.8 43.8

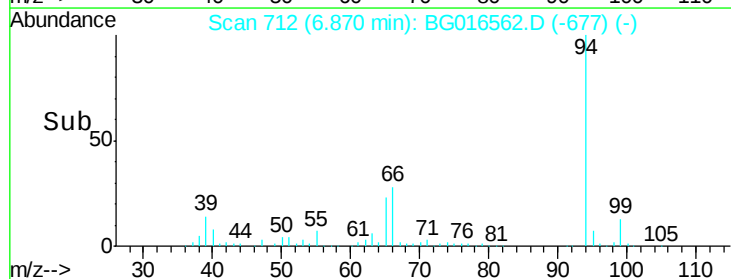
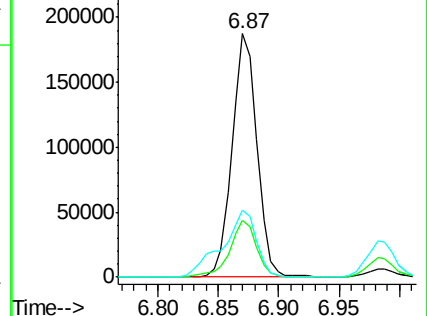
66 27.7 7.4 47.4



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

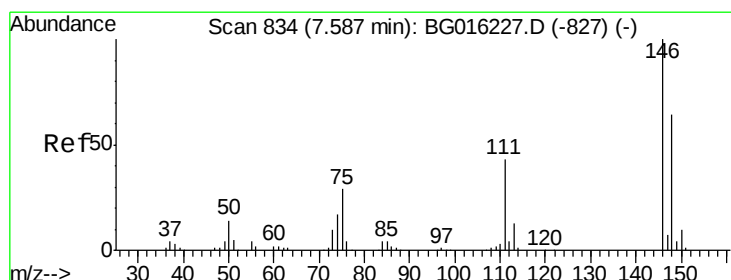
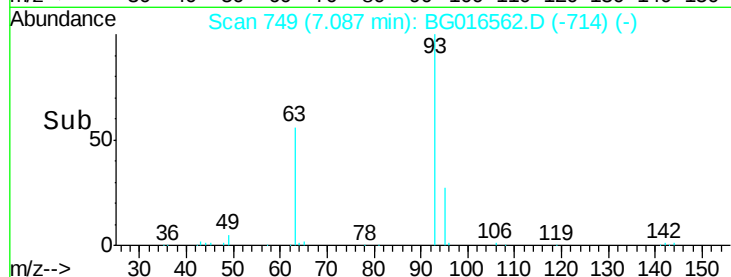
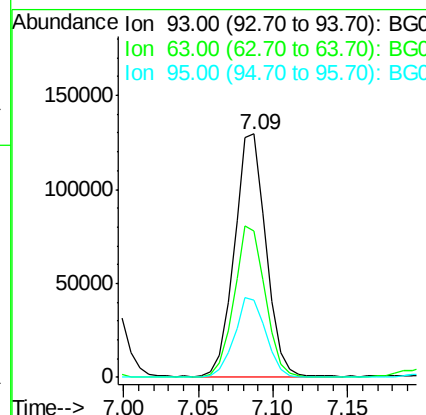
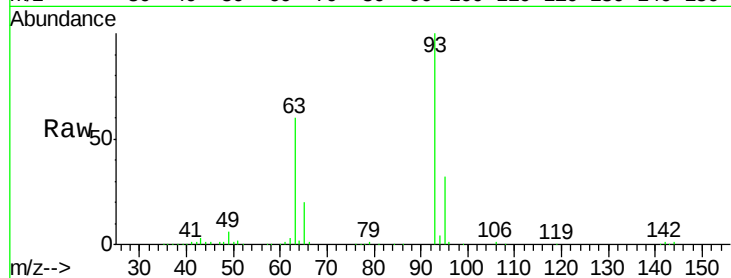




#11
bis(2-Chloroethyl)ether
Concen: 35.48 ng
RT: 7.09 min Scan# 749
Delta R.T. 0.01 min
Lab File: BG016562.D
Acq: 20 Apr 2015 21:35

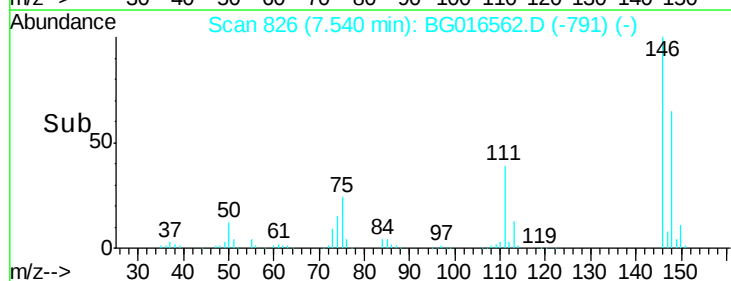
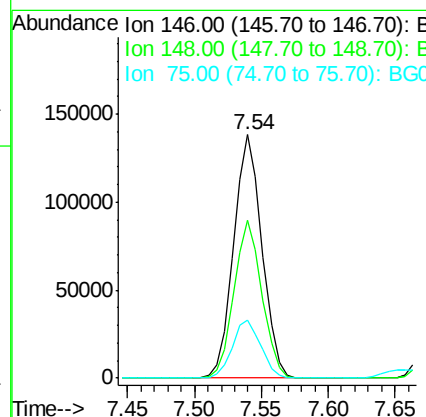
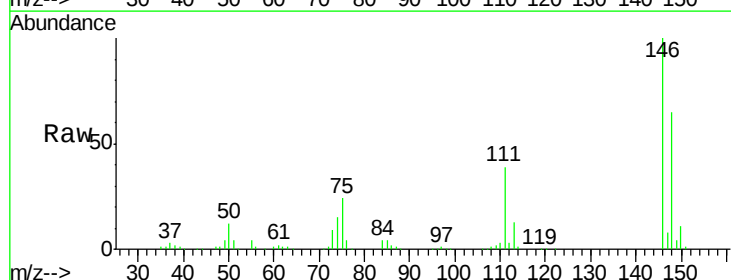
Instrument :
BNA_G
ClientSampleId :
PB82873BS

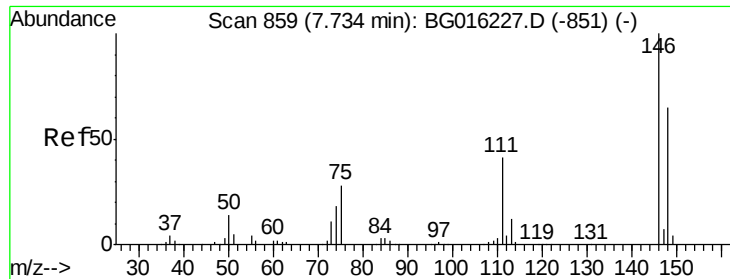
Tgt Ion: 93 Resp: 190308
Ion Ratio Lower Upper
93 100
63 60.3 44.1 84.1
95 31.8 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 40.28 ng
RT: 7.54 min Scan# 826
Delta R.T. 0.01 min
Lab File: BG016562.D
Acq: 20 Apr 2015 21:35

Tgt Ion: 146 Resp: 204605
Ion Ratio Lower Upper
146 100
148 64.7 50.9 76.3
75 24.0 23.3 34.9

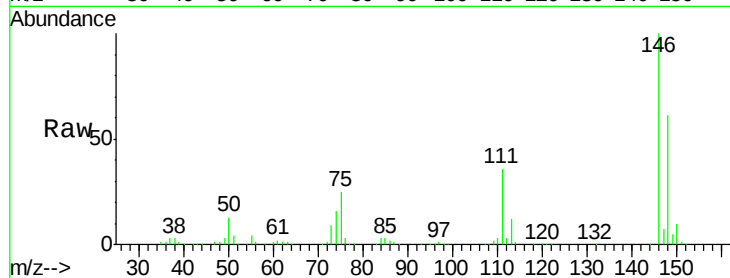




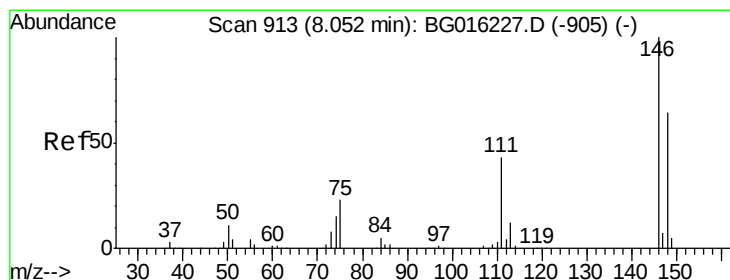
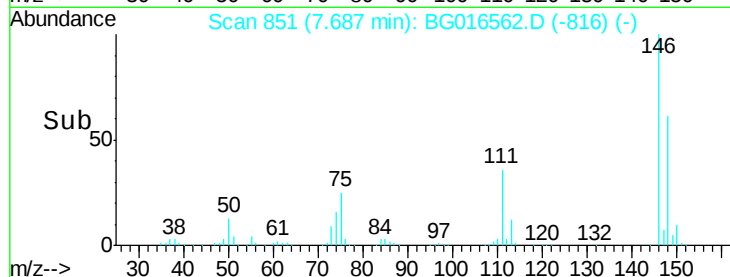
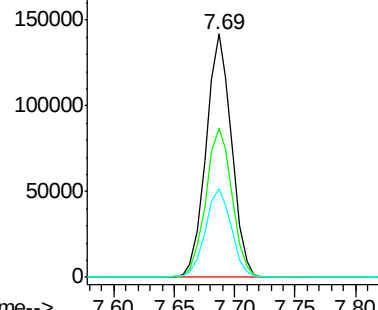
#13
 1,4-Dichlorobenzene
 Concen: 39.58 ng
 RT: 7.69 min Scan# 851
 Delta R.T. 0.01 min
 Lab File: BG016562.D
 Acq: 20 Apr 2015 21:35

Instrument :
 BNA_G
 ClientSampleId :
 PB82873BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	52.0	78.0
111	36.2	32.6	49.0

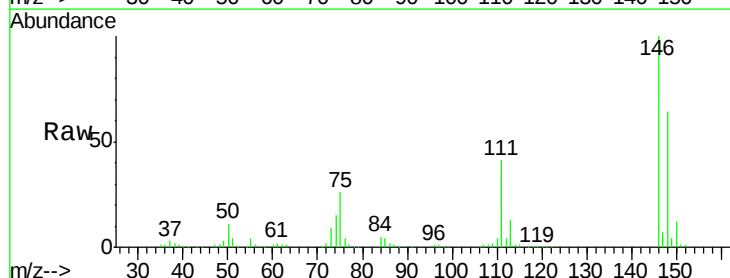


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

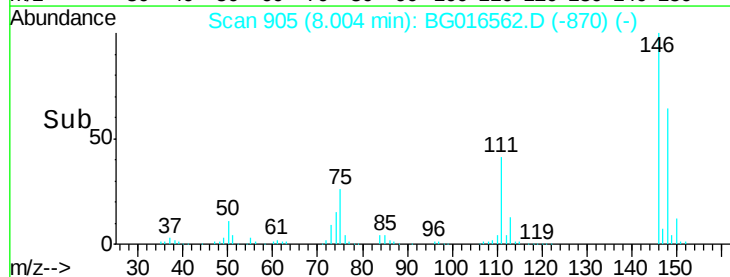
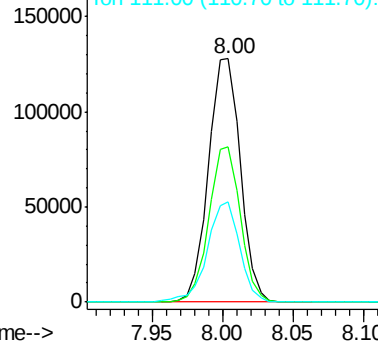


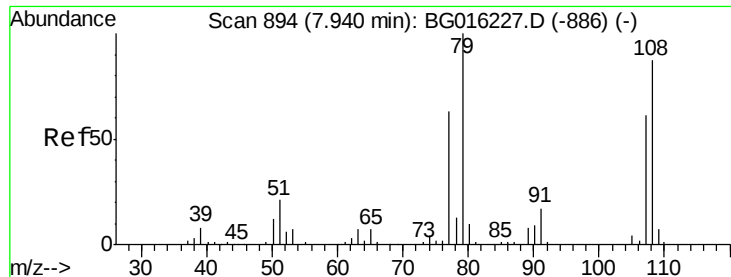
#14
 1,2-Dichlorobenzene
 Concen: 40.16 ng
 RT: 8.00 min Scan# 905
 Delta R.T. 0.01 min
 Lab File: BG016562.D
 Acq: 20 Apr 2015 21:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.9	76.3
111	41.2	34.7	52.1



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: 34.57 ng

RT: 7.90 min Scan# 887

Delta R.T. 0.01 min

Lab File: BG016562.D

Acq: 20 Apr 2015 21:35

Instrument :

BNA_G

ClientSampleId :

PB82873BS

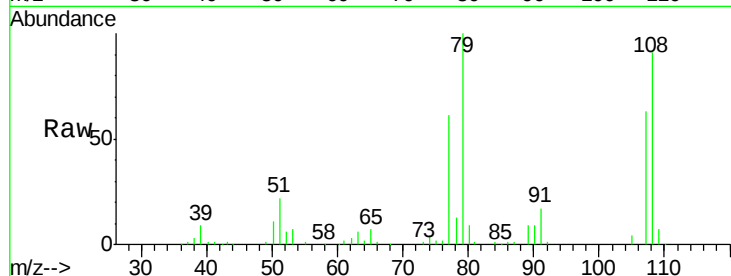
Tgt Ion: 79 Resp: 151532

Ion Ratio Lower Upper

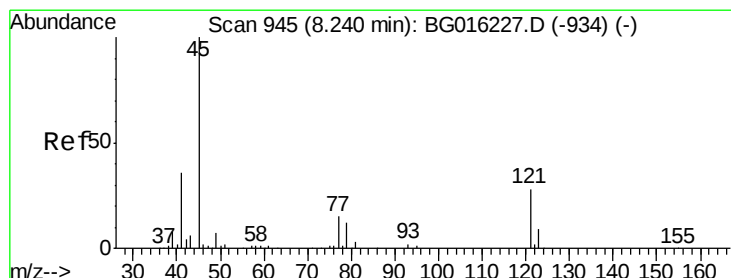
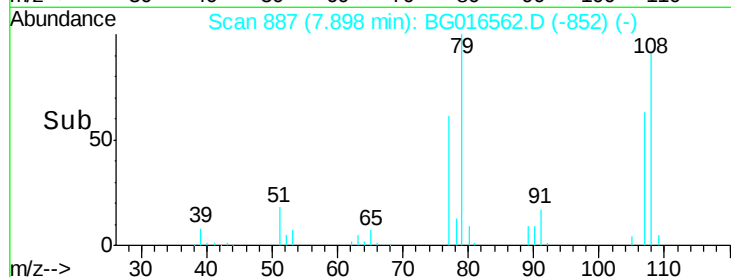
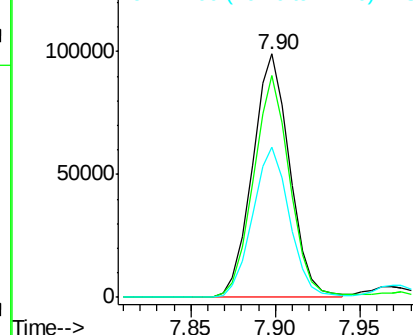
79 100

108 91.2 69.3 103.9

77 61.5 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.46 ng

RT: 8.19 min Scan# 937

Delta R.T. 0.01 min

Lab File: BG016562.D

Acq: 20 Apr 2015 21:35

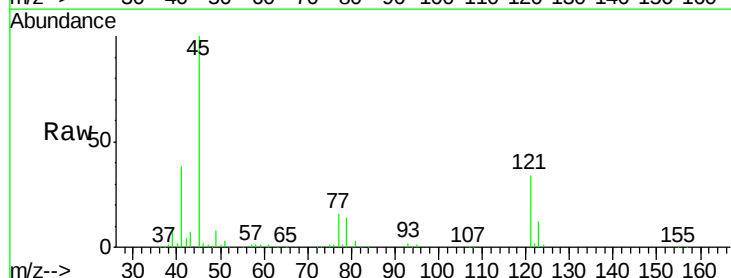
Tgt Ion: 45 Resp: 196101

Ion Ratio Lower Upper

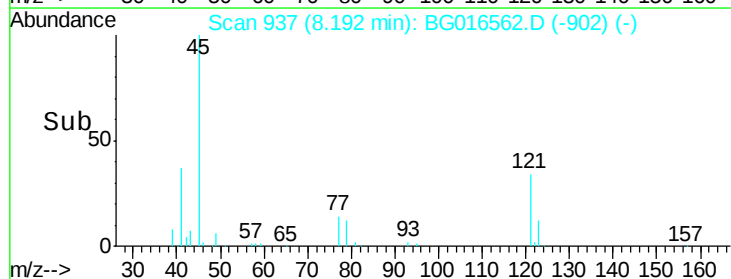
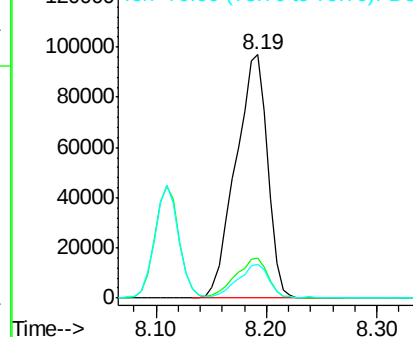
45 100

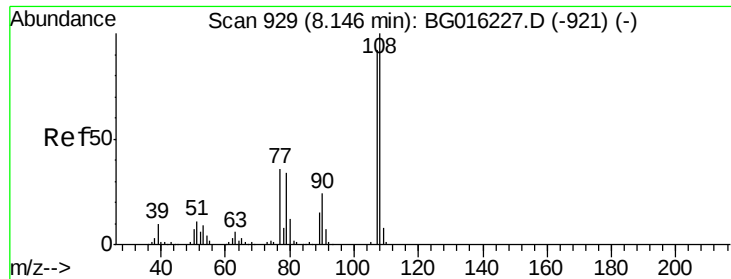
77 16.2 0.0 35.3

79 13.8 0.0 32.3



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 39.56 ng

RT: 8.11 min Scan# 923

Delta R.T. 0.01 min

Lab File: BG016562.D

Acq: 20 Apr 2015 21:35

Instrument :

BNA_G

ClientSampleId :

PB82873BS

Tgt Ion:107 Resp: 178460

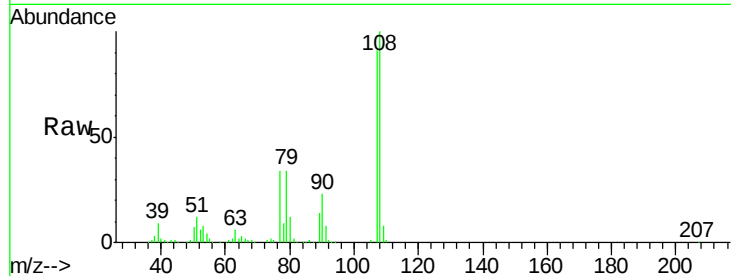
Ion Ratio Lower Upper

107 100

108 110.1 87.2 130.8

77 37.7 31.1 46.7

79 37.9 29.7 44.5

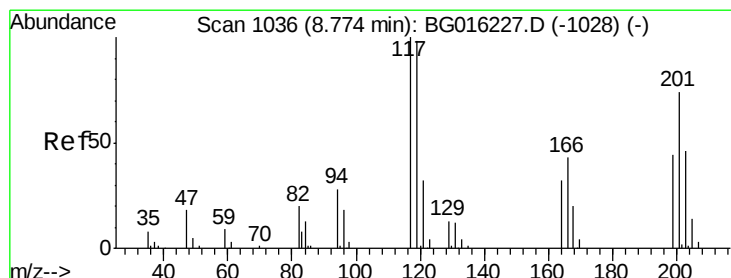
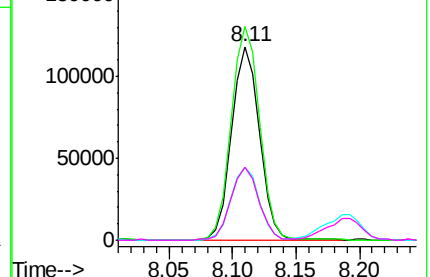
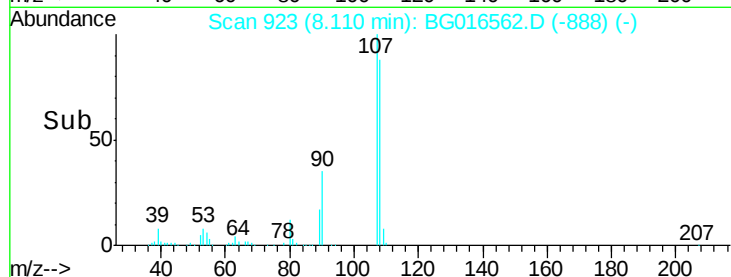


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.65 ng

RT: 8.72 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BG016562.D

Acq: 20 Apr 2015 21:35

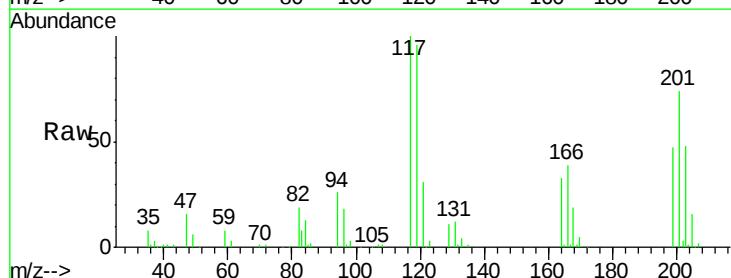
Tgt Ion:117 Resp: 75900

Ion Ratio Lower Upper

117 100

119 96.2 78.8 118.2

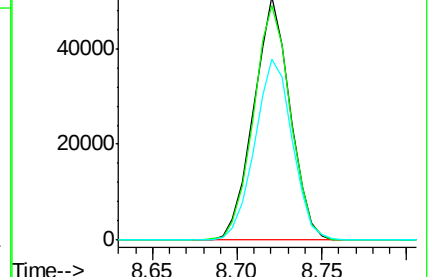
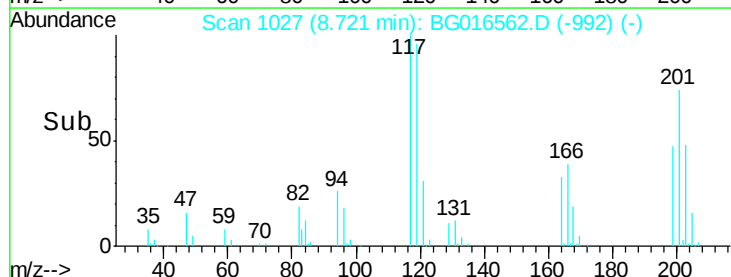
201 74.2 59.0 88.4

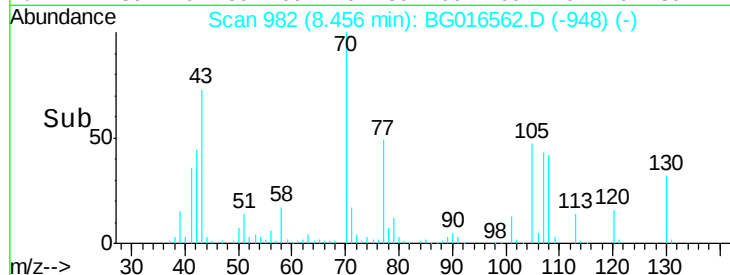
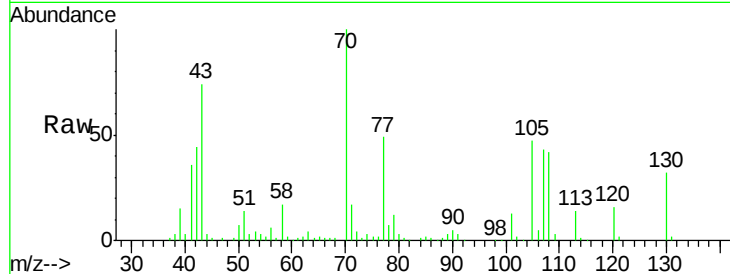
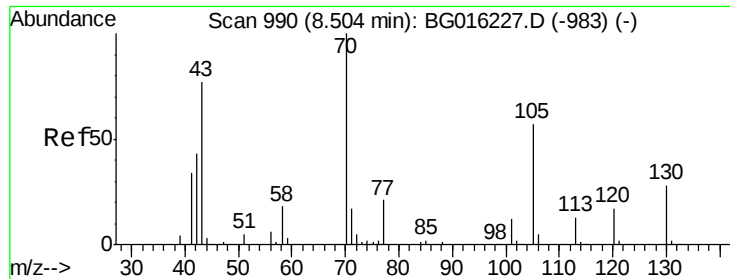


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

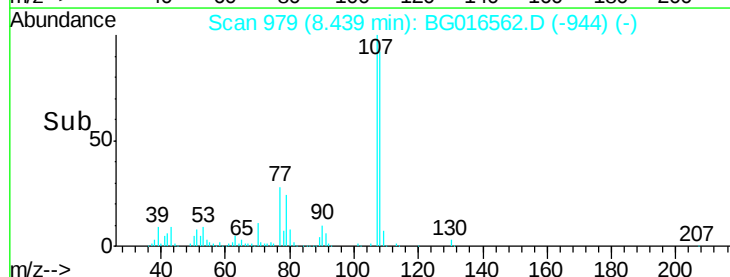
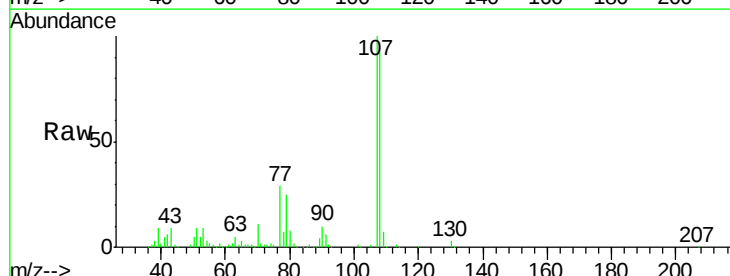
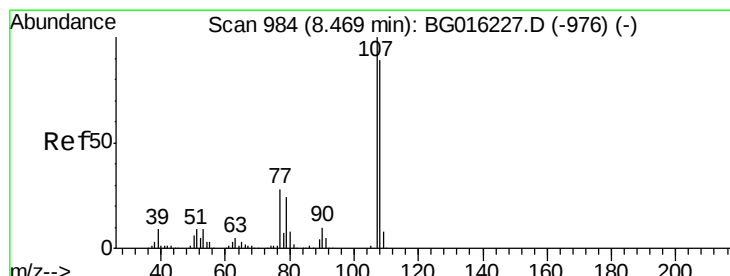
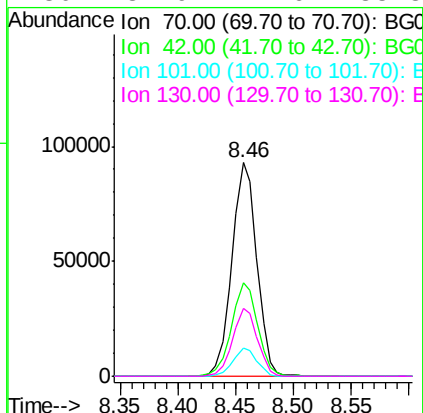




#19
n-Nitroso-di-n-propylamine
Concen: 30.71 ng
RT: 8.46 min Scan# 982
Delta R.T. 0.00 min
Lab File: BG016562.D
Acq: 20 Apr 2015 21:35

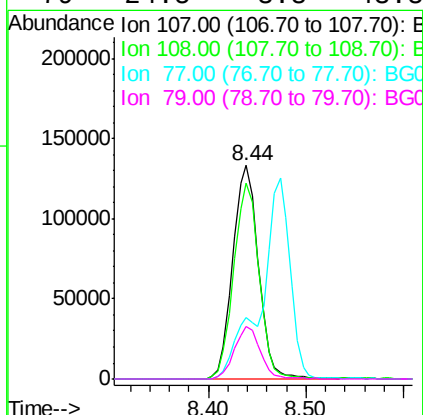
Instrument :
BNA_G
ClientSampleId :
PB82873BS

Tgt Ion: 70 Resp: 138364
Ion Ratio Lower Upper
70 100
42 43.7 34.7 52.1
101 13.1 9.2 13.8
130 31.9 22.6 33.8



#20
3+4-Methylphenols
Concen: 39.03 ng
RT: 8.44 min Scan# 979
Delta R.T. 0.01 min
Lab File: BG016562.D
Acq: 20 Apr 2015 21:35

Tgt Ion: 107 Resp: 243865
Ion Ratio Lower Upper
107 100
108 92.0 69.5 109.5
77 28.6 8.2 48.2
79 24.5 3.8 43.8

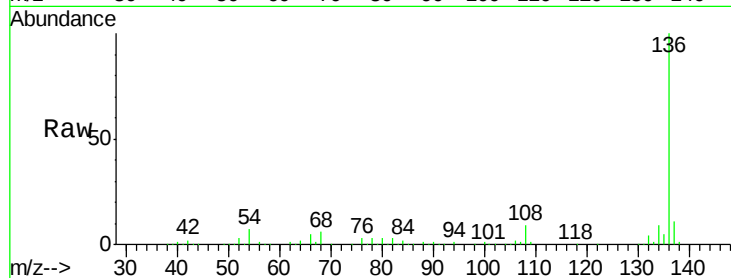




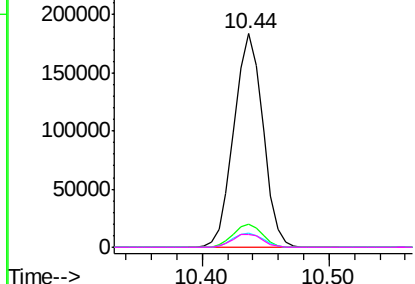
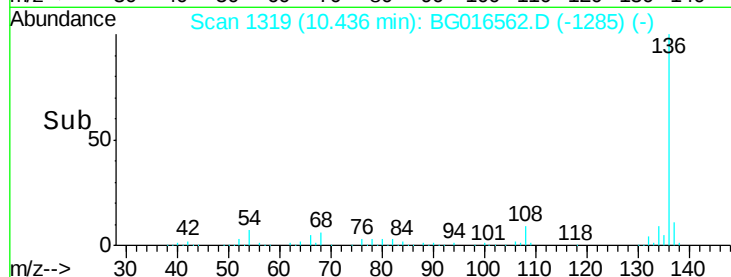
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.44 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG016562.D
Acq: 20 Apr 2015 21:35

Instrument :
BNA_G
ClientSampleId :
PB82873BS

Tgt Ion:	136	Resp:	291300
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.6	6.3	9.5
68	6.3	6.5	9.7#

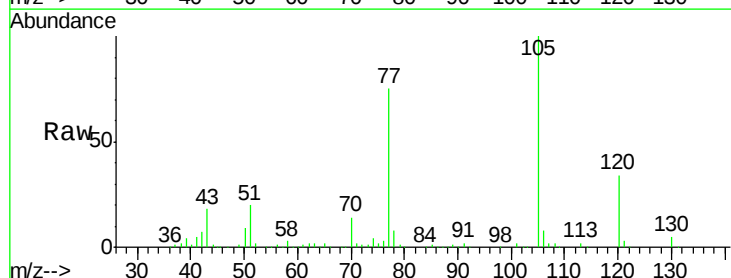


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

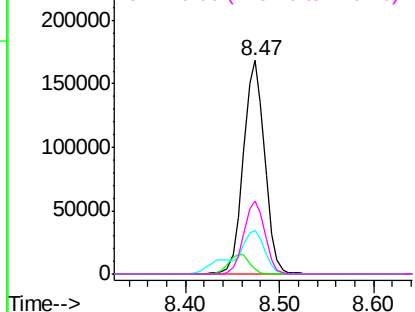
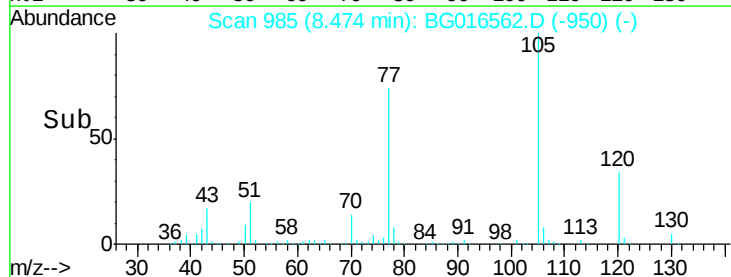


#22
Acetophenone
Concen: 39.04 ng
RT: 8.47 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG016562.D
Acq: 20 Apr 2015 21:35

Tgt Ion:	105	Resp:	263681
Ion	Ratio	Lower	Upper
105	100		
71	2.4	2.0	3.0
51	20.4	17.9	26.9
120	34.2	26.3	39.5



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

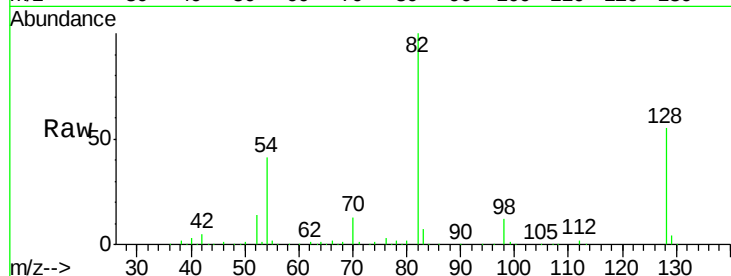




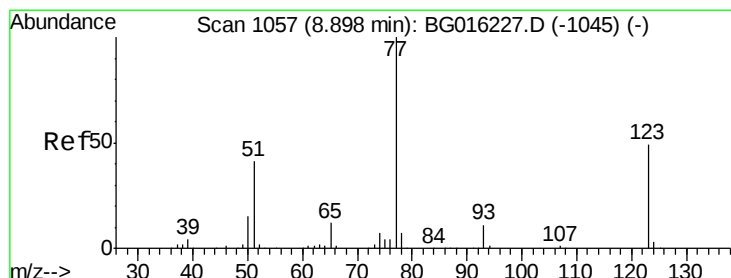
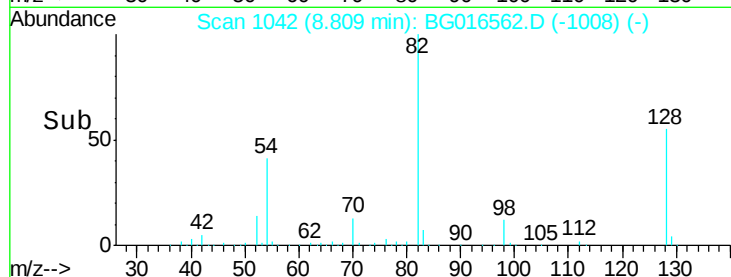
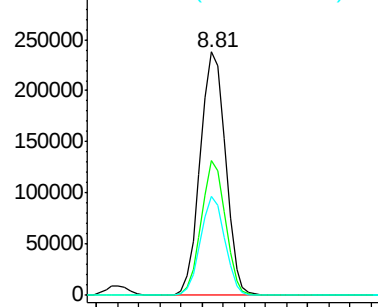
#23
 Nitrobenzene-d5
 Concen: 78.56 ng
 RT: 8.81 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG016562.D
 Acq: 20 Apr 2015 21:35

Instrument :
 BNA_G
 ClientSampleId :
 PB82873BS

Tgt Ion: 82 Resp: 395057
 Ion Ratio Lower Upper
 82 100
 128 55.2 37.8 56.8
 54 40.6 32.6 49.0

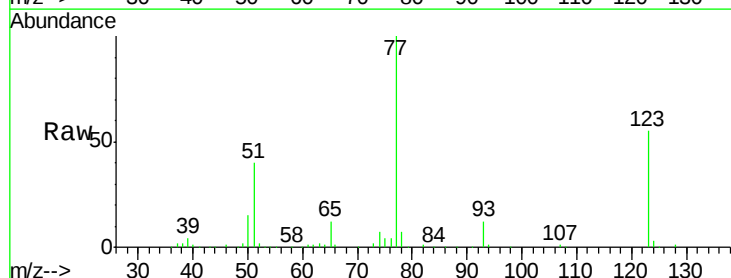


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

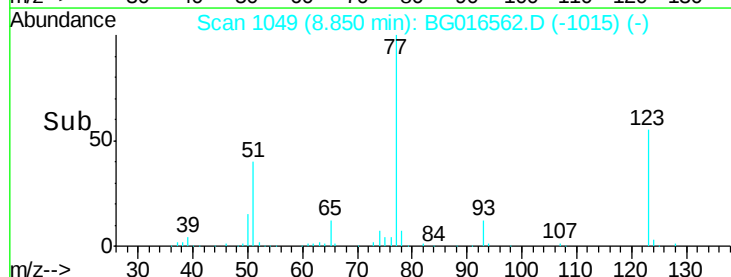
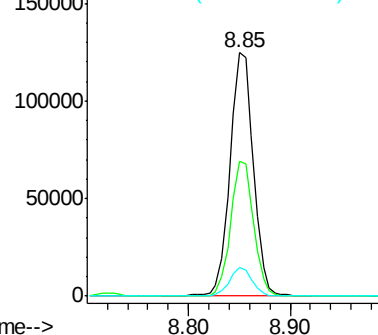


#24
 Nitrobenzene
 Concen: 36.96 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BG016562.D
 Acq: 20 Apr 2015 21:35

Tgt Ion: 77 Resp: 198734
 Ion Ratio Lower Upper
 77 100
 123 55.2 38.8 58.2
 65 11.6 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 34.77 ng

RT: 9.37 min Scan# 1138

Delta R.T. 0.01 min

Lab File: BG016562.D

Acq: 20 Apr 2015 21:35

Instrument :

BNA_G

ClientSampleId :

PB82873BS

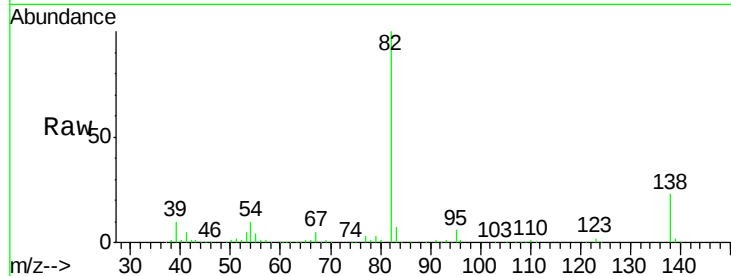
Tgt Ion: 82 Resp: 388283

Ion Ratio Lower Upper

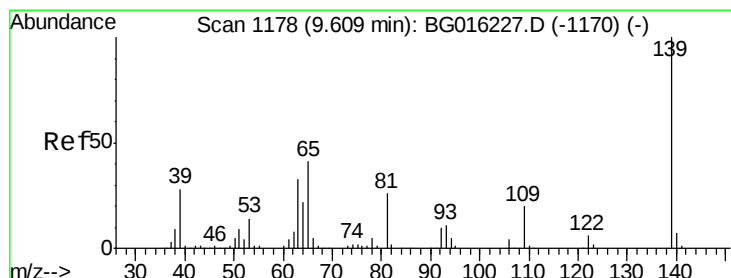
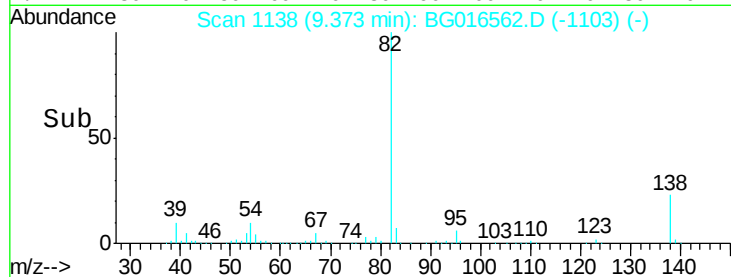
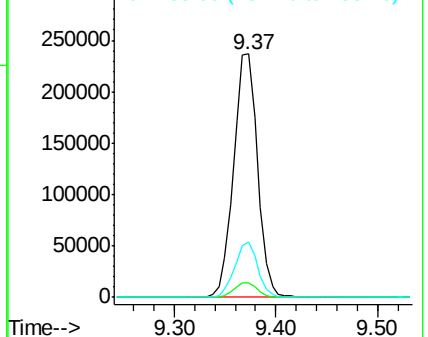
82 100

95 6.0 5.0 7.6

138 22.8 16.2 24.2



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



#26

2-Nitrophenol

Concen: 45.75 ng

RT: 9.56 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BG016562.D

Acq: 20 Apr 2015 21:35

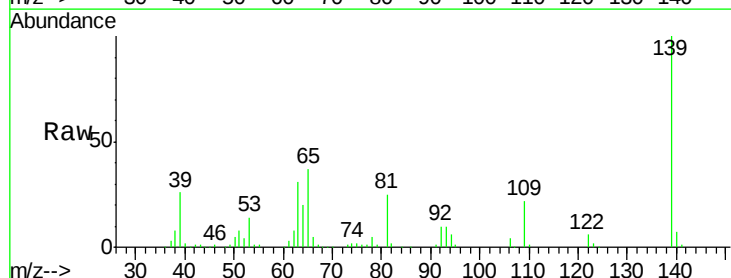
Tgt Ion: 139 Resp: 114728

Ion Ratio Lower Upper

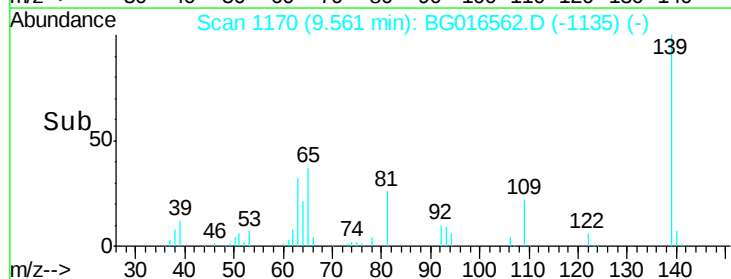
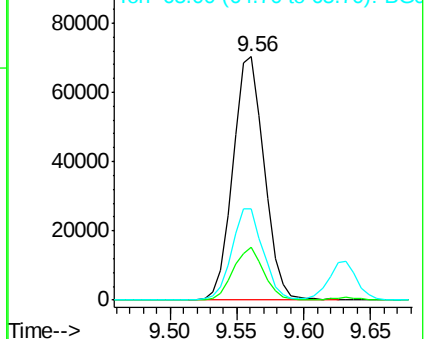
139 100

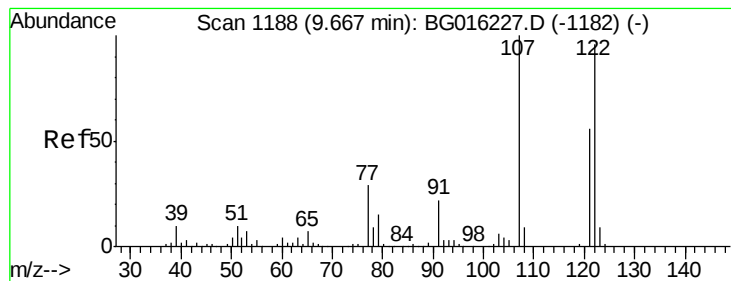
109 22.0 15.9 23.9

65 37.4 32.9 49.3



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





#27

2,4-Dimethylphenol

Concen: 44.97 ng

RT: 9.63 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BG016562.D

Acq: 20 Apr 2015 21:35

Instrument :

BNA_G

ClientSampleId :

PB82873BS

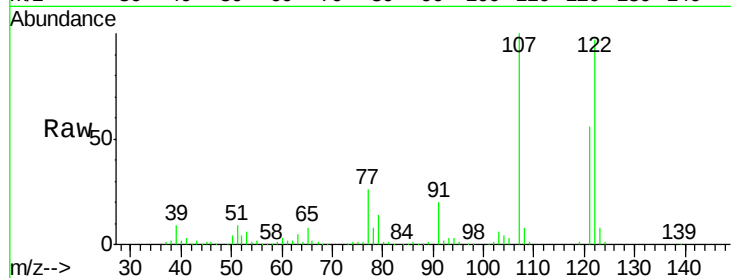
Tgt Ion: 122 Resp: 210049

Ion Ratio Lower Upper

122 100

107 103.5 83.4 125.2

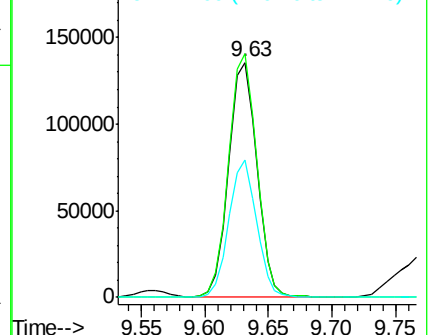
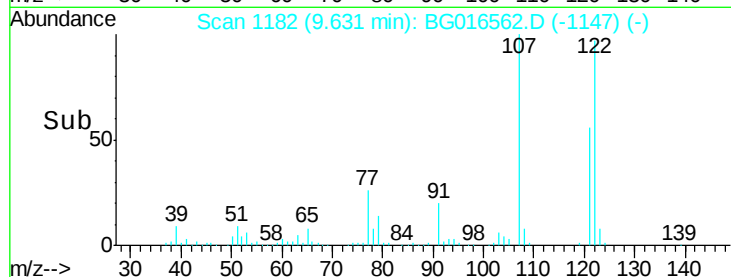
121 58.2 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.59 ng

RT: 9.85 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BG016562.D

Acq: 20 Apr 2015 21:35

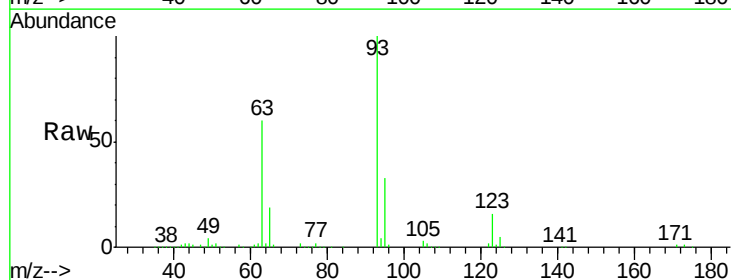
Tgt Ion: 93 Resp: 239614

Ion Ratio Lower Upper

93 100

95 33.4 26.1 39.1

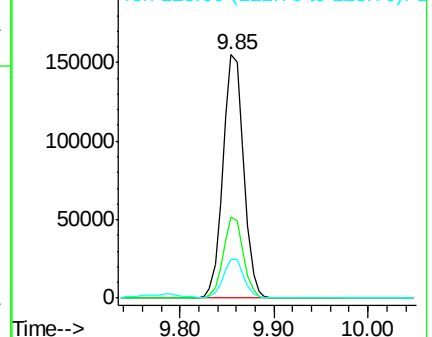
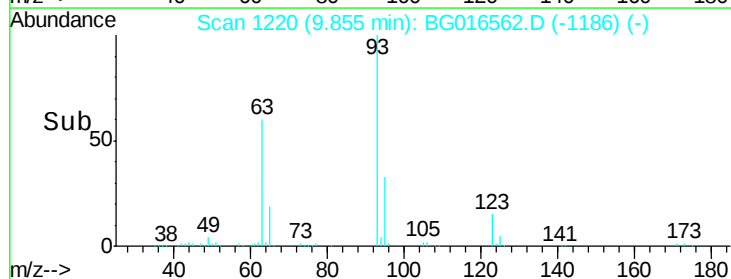
123 15.7 11.8 17.8



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

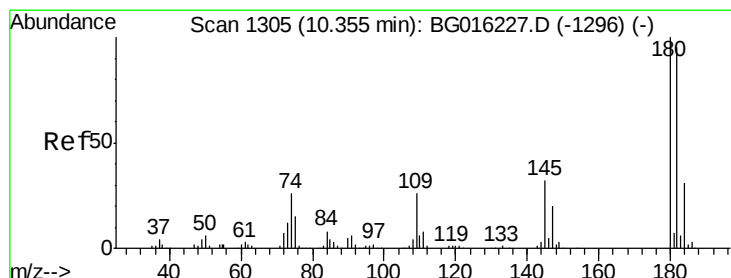
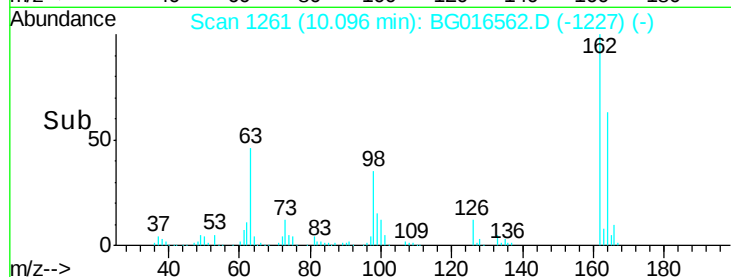
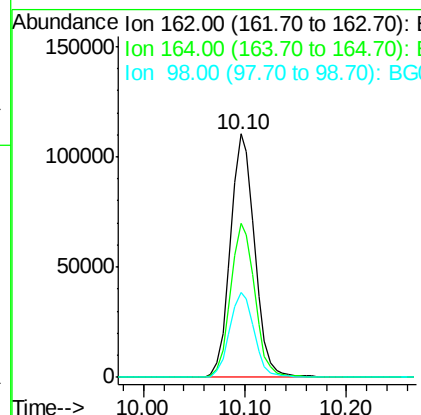
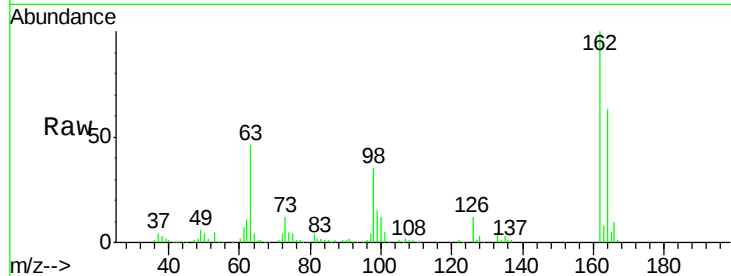




#29
 2,4-Dichlorophenol
 Concen: 49.60 ng
 RT: 10.10 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BG016562.D
 Acq: 20 Apr 2015 21:35

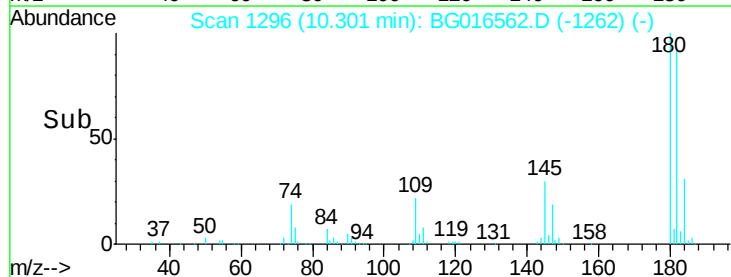
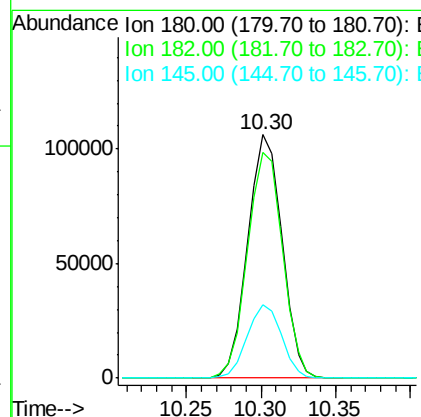
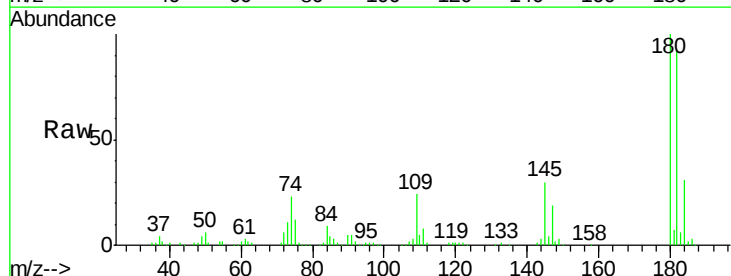
Instrument :
 BNA_G
 ClientSampled :
 PB82873BS

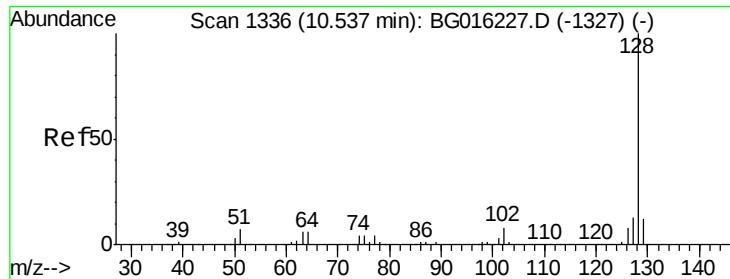
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	183325		
164	63.1	45.0	85.0	
98	34.7	19.1	59.1	



#30
 1,2,4-Trichlorobenzene
 Concen: 43.77 ng
 RT: 10.30 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BG016562.D
 Acq: 20 Apr 2015 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	168885		
182	92.9	76.3	114.5	
145	30.4	25.2	37.8	

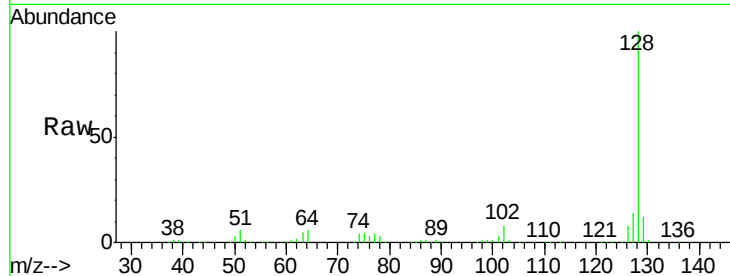




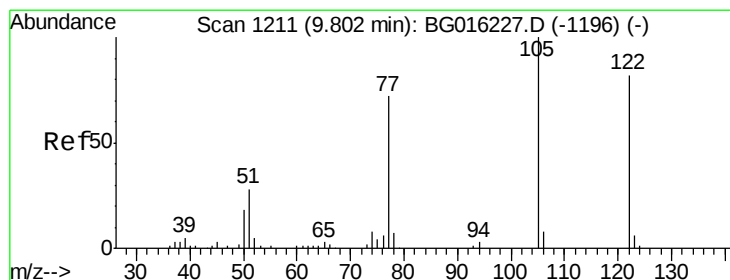
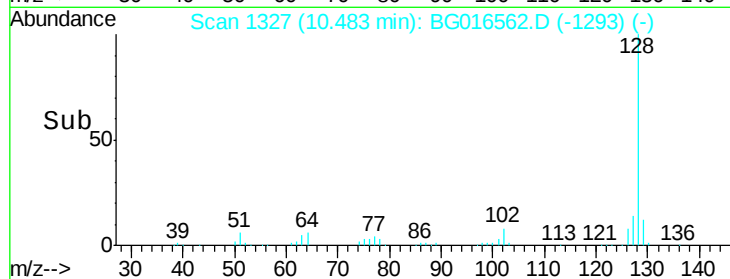
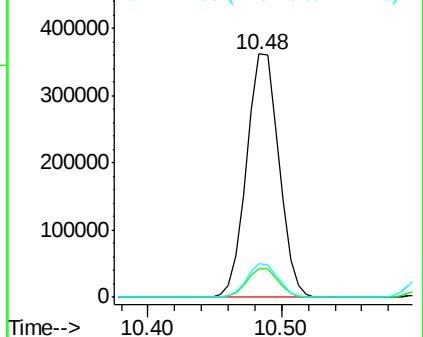
#31
Naphthalene
Concen: 39.85 ng
RT: 10.48 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG016562.D
Acq: 20 Apr 2015 21:35

Instrument :
BNA_G
ClientSampleId :
PB82873BS

Tgt Ion:128 Resp: 604901
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.7 10.6 16.0

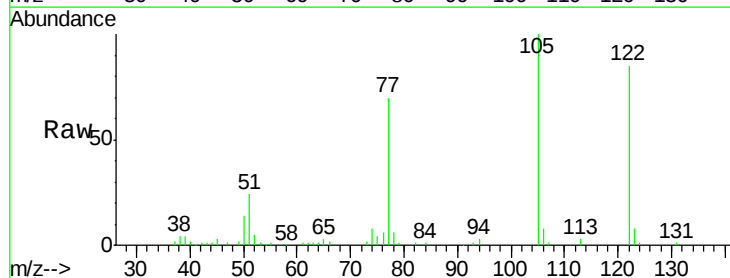


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

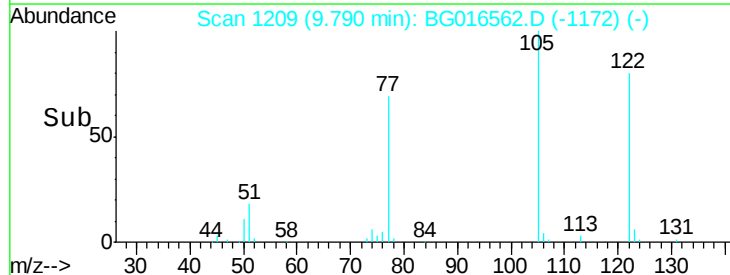
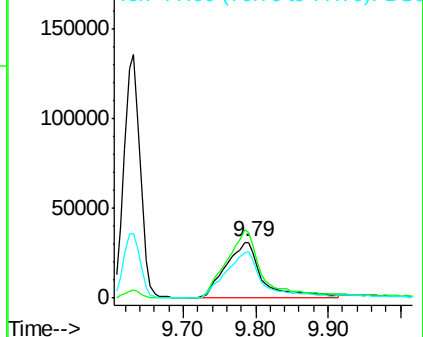


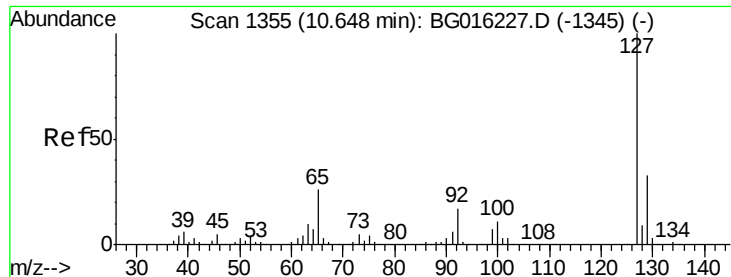
#32
Benzoic acid
Concen: 37.99 ng
RT: 9.79 min Scan# 1209
Delta R.T. 0.02 min
Lab File: BG016562.D
Acq: 20 Apr 2015 21:35

Tgt Ion:122 Resp: 108969
Ion Ratio Lower Upper
122 100
105 117.6 99.7 139.7
77 82.7 66.8 106.8



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

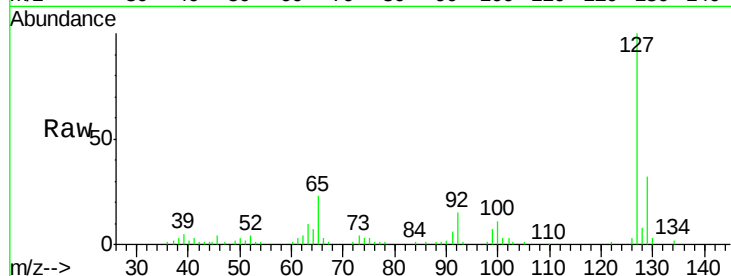




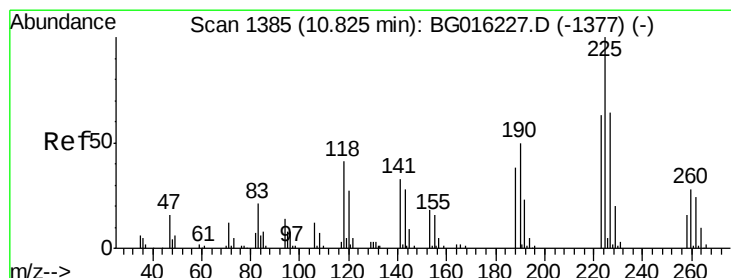
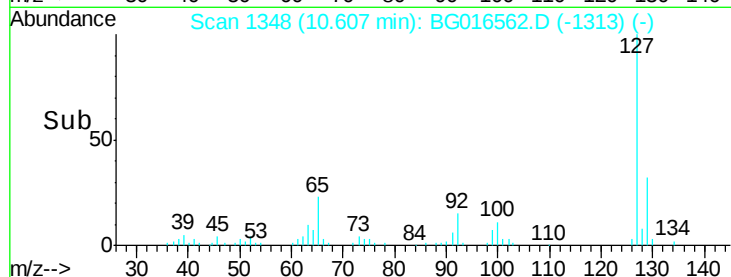
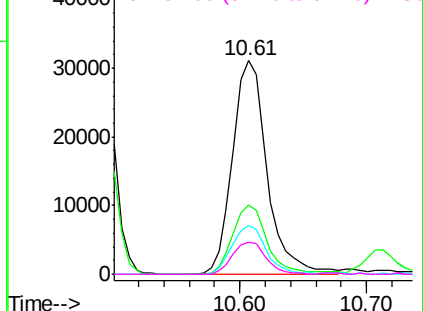
#33
4-Chloroaniline
Concen: 8.25 ng
RT: 10.61 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BG016562.D
Acq: 20 Apr 2015 21:35

Instrument :
BNA_G
ClientSampleId :
PB82873BS

Tgt Ion:	127	Resp:	58741
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	23.1	21.2	31.8
92	15.1	13.8	20.6

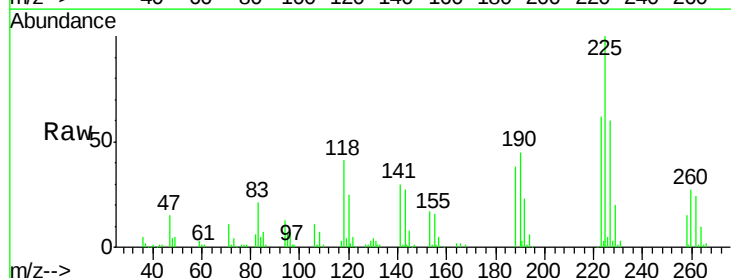


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

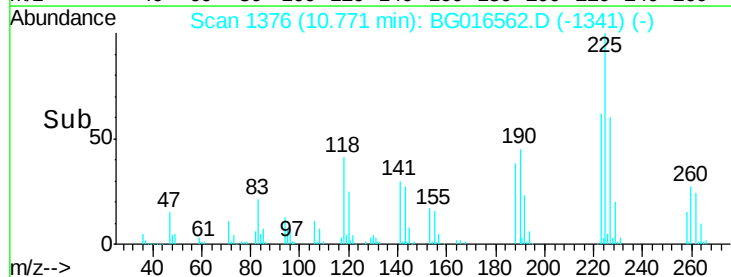
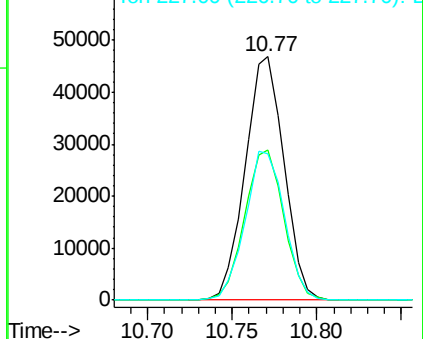


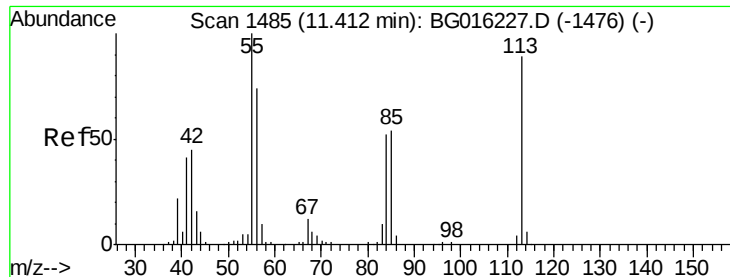
#34
Hexachlorobutadiene
Concen: 44.13 ng
RT: 10.77 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BG016562.D
Acq: 20 Apr 2015 21:35

Tgt Ion:	225	Resp:	74801
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.4	75.6
227	60.2	51.2	76.8



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: 25.66 ng

RT: 11.38 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BG016562.D

Acq: 20 Apr 2015 21:35

Instrument :

BNA_G

ClientSampleId :

PB82873BS

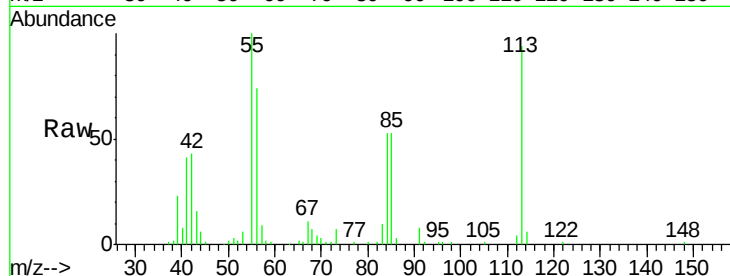
Tgt Ion:113 Resp: 59697

Ion Ratio Lower Upper

113 100

55 106.6 92.4 132.4

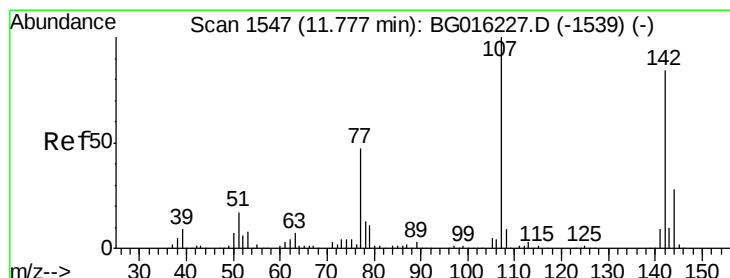
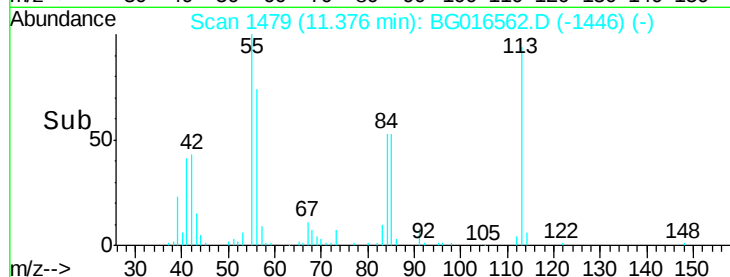
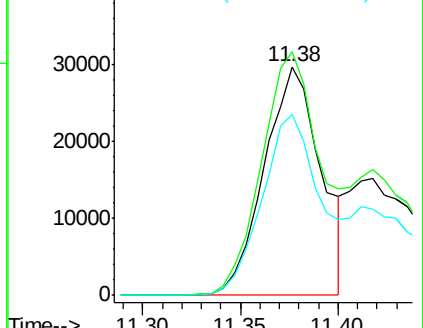
56 79.1 63.2 103.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 44.65 ng

RT: 11.75 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BG016562.D

Acq: 20 Apr 2015 21:35

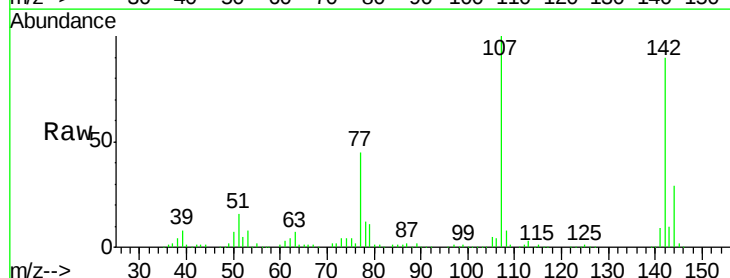
Tgt Ion:107 Resp: 217998

Ion Ratio Lower Upper

107 100

144 29.1 22.0 33.0

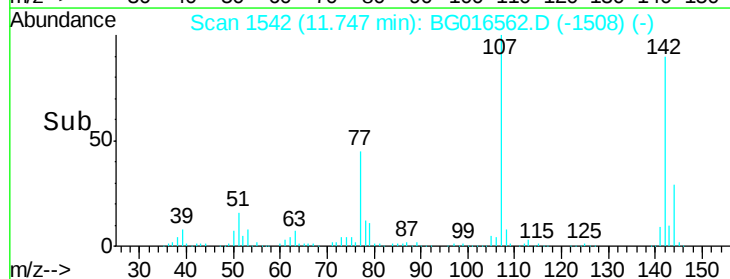
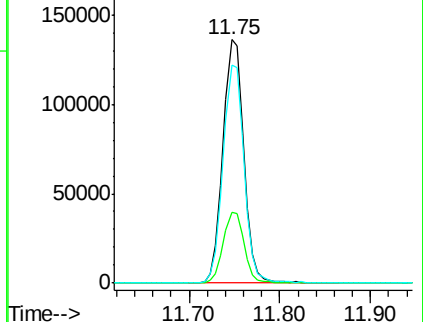
142 89.7 67.0 100.6

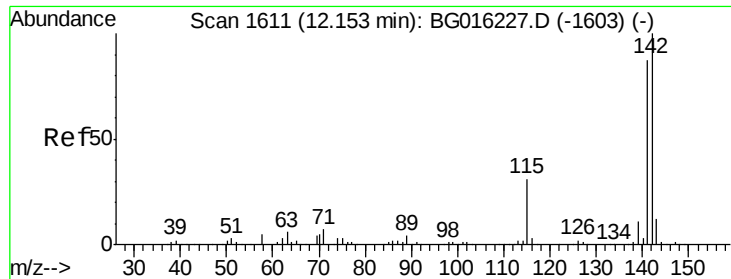


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

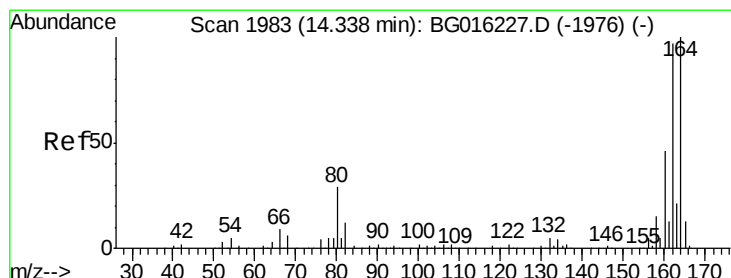
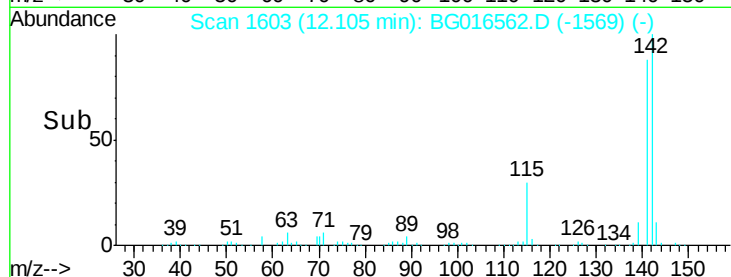
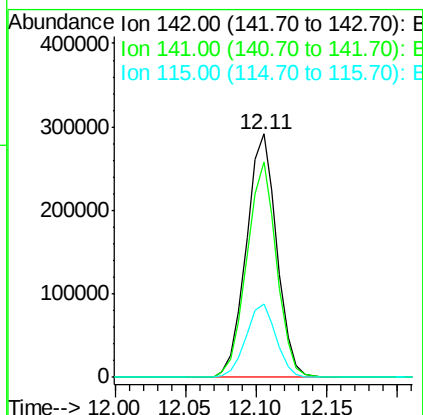
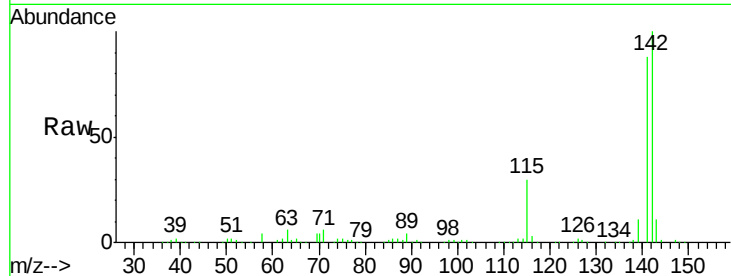




#37
2-Methylnaphthalene
Concen: 40.46 ng
RT: 12.11 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BG016562.D
Acq: 20 Apr 2015 21:35

Instrument :
BNA_G
ClientSampleId :
PB82873BS

Tgt Ion:142 Resp: 441774
Ion Ratio Lower Upper
142 100
141 88.4 69.3 103.9
115 30.0 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.30 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG016562.D
Acq: 20 Apr 2015 21:35

Tgt Ion:164 Resp: 173311
Ion Ratio Lower Upper
164 100
162 98.7 77.3 115.9
160 42.9 36.7 55.1

