

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042015\
 Data File : BG016563.D
 Acq On : 20 Apr 2015 22:10
 Operator : TP/IZ
 Sample : PB82873BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82873BSD

Quant Time: Apr 21 02:21:50 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	67492	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	294692	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	171520	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	368243	20.00	ng	0.00
75) Chrysene-d12	21.21	240	317518	20.00	ng	0.00
86) Perylene-d12	23.43	264	301792	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	572341	133.83	ng	0.00
7) Phenol-d6	6.85	99	779238	121.38	ng	0.02
23) Nitrobenzene-d5	8.81	82	399851	78.60	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	161782	139.47	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	863913	85.76	ng	0.00
78) Terphenyl-d14	19.66	244	1046950	77.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	65657	33.77	ng	97
3) Pyridine	3.52	79	180838	31.12	ng	96
4) n-Nitrosodimethylamine	3.44	42	59587	34.50	ng	99
6) Aniline	6.98	93	141014	15.38	ng	99
8) 2-Chlorophenol	7.22	128	217970	42.44	ng	93
9) Benzaldehyde	6.79	77	23973	6.38	ng	100
10) Phenol	6.87	94	269118	39.18	ng	99
11) bis(2-Chloroethyl)ether	7.08	93	188175	34.36	ng	99
12) 1,3-Dichlorobenzene	7.54	146	202248	39.00	ng	97
13) 1,4-Dichlorobenzene	7.69	146	207354	38.54	ng	97
14) 1,2-Dichlorobenzene	8.00	146	196492	38.19	ng	98
15) Benzyl Alcohol	7.90	79	150671	33.67	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.19	45	198516	32.18	ng	98
17) 2-Methylphenol	8.11	107	180926	39.28	ng	98
18) Hexachloroethane	8.72	117	75494	36.68	ng	95
19) n-Nitroso-di-n-propylamine	8.46	70	141266	30.71	ng	98
20) 3+4-Methylphenols	8.44	107	241973	37.93	ng	97
22) Acetophenone	8.48	105	267615	39.16	ng	# 99
24) Nitrobenzene	8.85	77	197234	36.26	ng	93
25) Isophorone	9.37	82	388078	34.35	ng	96
26) 2-Nitrophenol	9.56	139	116283	45.84	ng	97
27) 2,4-Dimethylphenol	9.63	122	209384	44.31	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	240330	37.27	ng	98
29) 2,4-Dichlorophenol	10.10	162	181872	48.64	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	168876	43.26	ng	100
31) Naphthalene	10.48	128	603062	39.27	ng	99
32) Benzoic acid	9.79	122	101589	35.70	ng	93
33) 4-Chloroaniline	10.61	127	64834	9.00	ng	96
34) Hexachlorobutadiene	10.77	225	74102	43.22	ng	97
35) Caprolactam	11.38	113	65499	27.83	ng	92
36) 4-Chloro-3-methylphenol	11.75	107	211927	42.91	ng	95
37) 2-Methylnaphthalene	12.11	142	444742	40.26	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.48	216	157159	41.62	ng	99
40) Hexachlorocyclopentadiene	12.45	237	125831	72.80	ng	97

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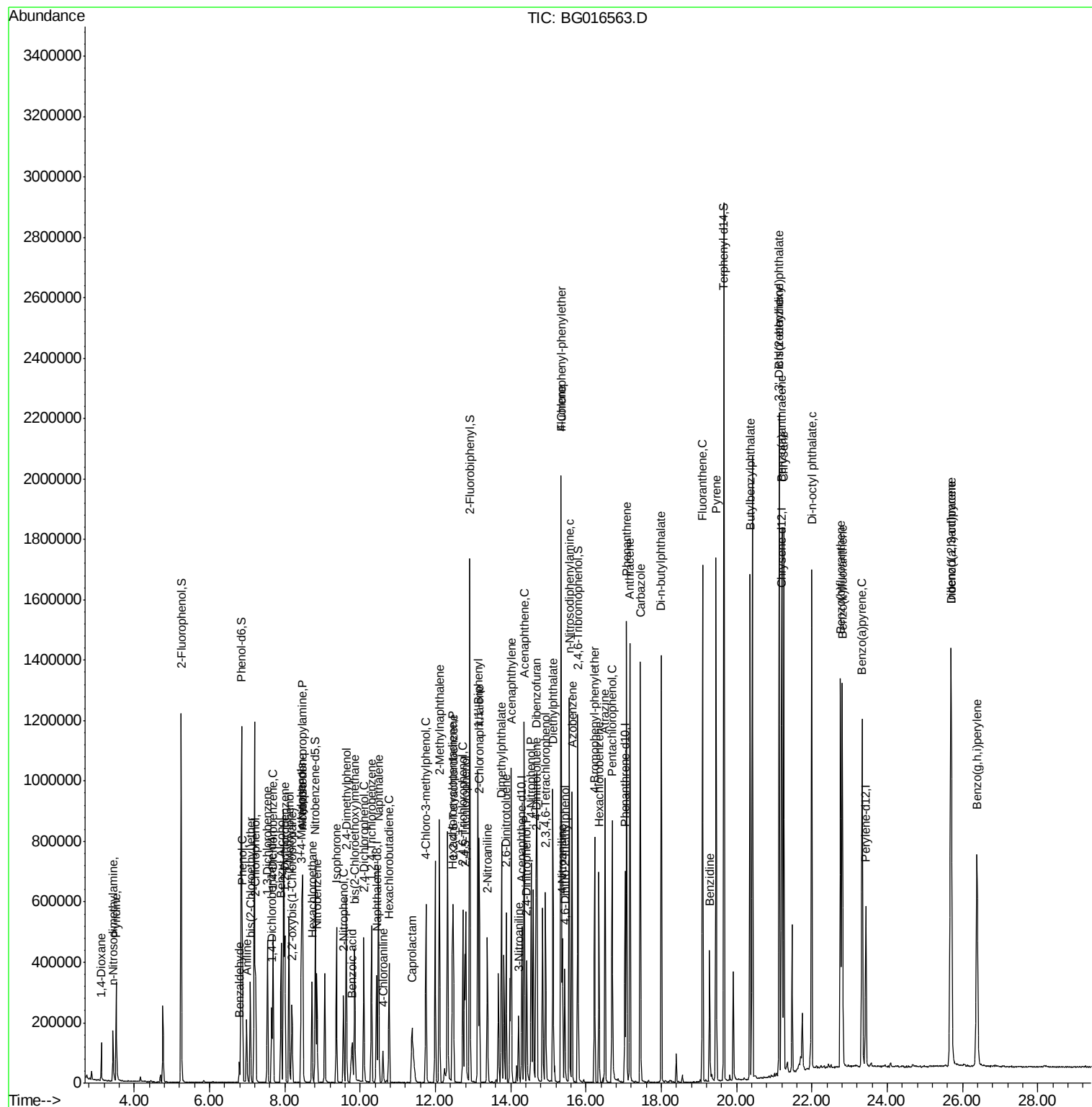
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.73	196	127508	45.44	ng	98
43) 2,4,5-Trichlorophenol	12.81	196	137285	45.79	ng	97
45) 1,1'-Biphenyl	13.13	154	538671	40.94	ng	97
46) 2-Chloronaphthalene	13.16	162	409499	40.86	ng	99
47) 2-Nitroaniline	13.38	65	125464	38.84	ng	93
48) Acenaphthylene	14.02	152	712256	39.96	ng	98
49) Dimethylphthalate	13.76	163	513780	40.87	ng	100
50) 2,6-Dinitrotoluene	13.88	165	130704	42.99	ng	93
51) Acenaphthene	14.36	154	430166	40.39	ng	99
52) 3-Nitroaniline	14.21	138	68655	17.68	ng	88
53) 2,4-Dinitrophenol	14.43	184	111792	65.24	ng	94
54) Dibenzofuran	14.69	168	624684	42.27	ng	99
55) 4-Nitrophenol	14.54	139	255402	79.60	ng	96
56) 2,4-Dinitrotoluene	14.67	165	188178	45.44	ng	88
57) Fluorene	15.34	166	546036	41.88	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.93	232	105432	45.57	ng	96
59) Diethylphthalate	15.12	149	558590	41.75	ng	100
60) 4-Chlorophenyl-phenylether	15.34	204	224049	42.01	ng	95
61) 4-Nitroaniline	15.38	138	167810	38.08	ng	96
62) Azobenzene	15.63	77	542291	38.08	ng	98
64) 4,6-Dinitro-2-methylphenol	15.44	198	92457	36.67	ng	90
65) n-Nitrosodiphenylamine	15.56	169	496001	39.84	ng	99
66) 4-Bromophenyl-phenylether	16.23	248	118853	40.42	ng	95
67) Hexachlorobenzene	16.35	284	122353	40.04	ng	97
68) Atrazine	16.51	200	158393	45.65	ng	99
69) Pentachlorophenol	16.70	266	135385	72.56	ng	99
70) Phenanthrene	17.08	178	829372	40.04	ng	99
71) Anthracene	17.17	178	844798	41.16	ng	99
72) Carbazole	17.44	167	864826	41.98	ng	99
73) Di-n-butylphthalate	18.00	149	1033916	41.01	ng	100
74) Fluoranthene	19.09	202	877225	41.09	ng	97
76) Benzidine	19.29	184	256715	19.07	ng	96
77) Pyrene	19.46	202	905670	40.96	ng	99
79) Butylbenzylphthalate	20.36	149	478897	44.09	ng	96
80) Benzo(a)anthracene	21.20	228	771170	41.09	ng	100
81) 3,3'-Dichlorobenzidine	21.14	252	131053	21.24	ng	99
82) Chrysene	21.25	228	727312	40.15	ng	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	661550	44.99	ng	98
84) Di-n-octyl phthalate	21.99	149	1108087	46.25	ng	98
85) Indeno(1,2,3-cd)pyrene	25.70	276	813018	43.20	ng	98
87) Benzo(b)fluoranthene	22.76	252	747212	42.27	ng	98
88) Benzo(k)fluoranthene	22.81	252	697246	40.31	ng	99
89) Benzo(a)pyrene	23.34	252	716052	43.22	ng	99
90) Dibenzo(a,h)anthracene	25.70	278	669022	41.50	ng	98
91) Benzo(g,h,i)perylene	26.39	276	685435	42.57	ng	99

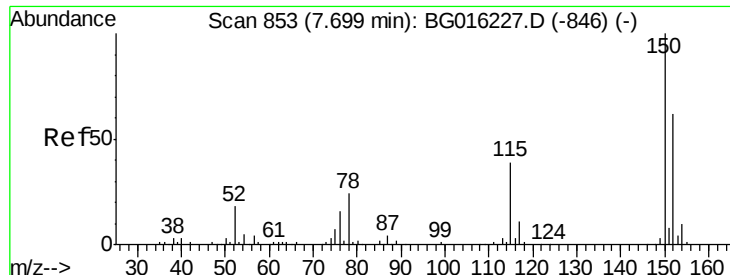
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG016563.D

Acq: 20 Apr 2015 22:10

Instrument :

BNA_G

ClientSampleId :

PB82873BSD

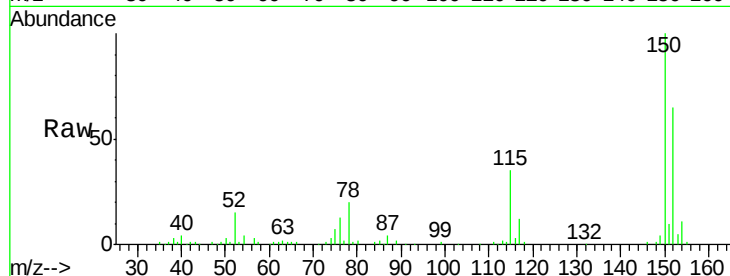
Tgt Ion:152 Resp: 67492

Ion Ratio Lower Upper

152 100

150 153.4 130.1 195.1

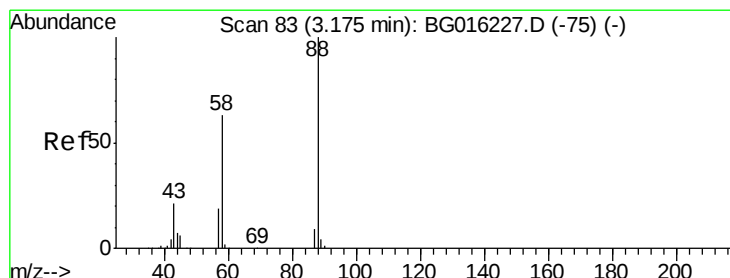
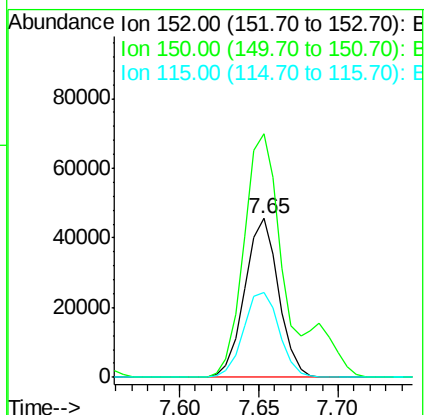
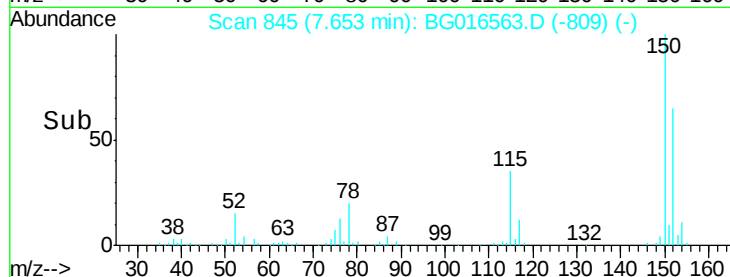
115 53.8 50.5 75.7



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: 33.77 ng

RT: 3.12 min Scan# 74

Delta R.T. 0.00 min

Lab File: BG016563.D

Acq: 20 Apr 2015 22:10

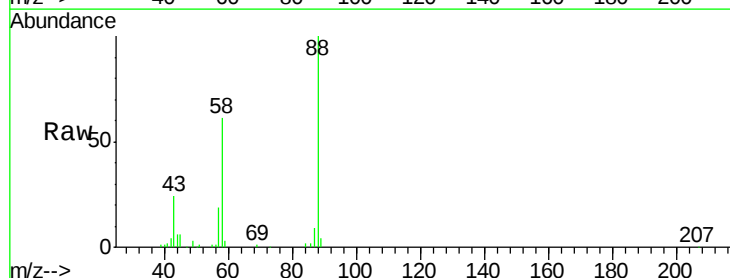
Tgt Ion: 88 Resp: 65657

Ion Ratio Lower Upper

88 100

58 60.1 50.6 76.0

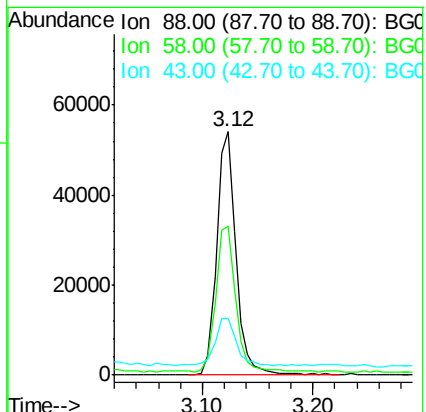
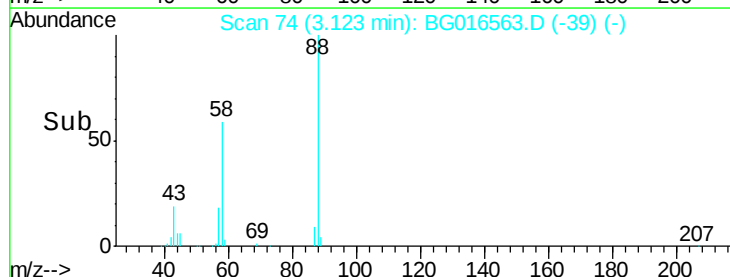
43 20.9 17.0 25.4

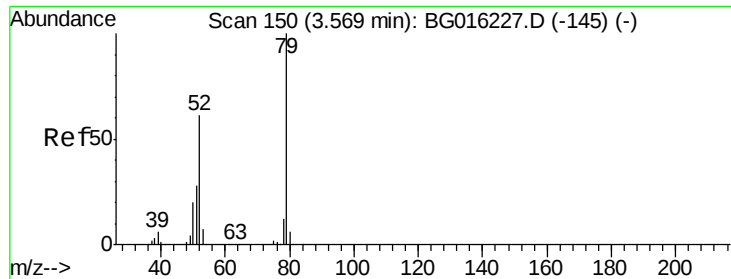


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 31.12 ng

RT: 3.52 min Scan# 141

Delta R.T. 0.00 min

Lab File: BG016563.D

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BNA_G

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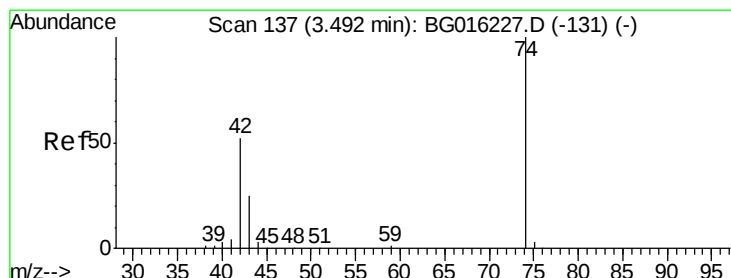
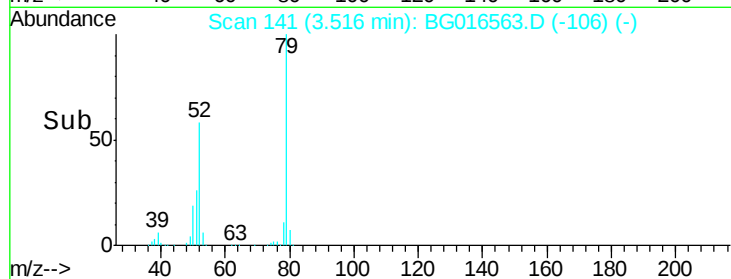
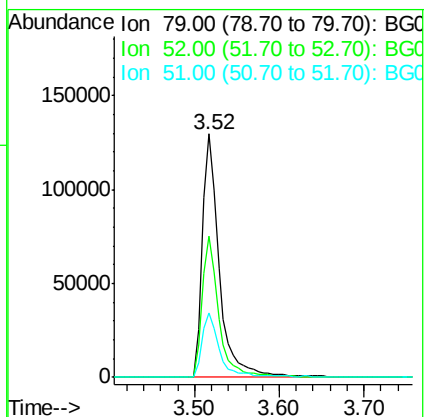
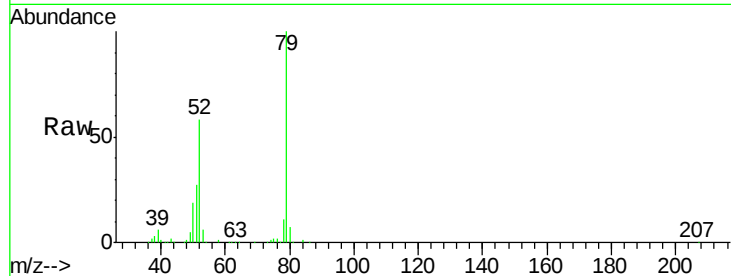
Tgt Ion: 79 Resp: 180838

Ion Ratio Lower Upper

79 100

52 58.2 49.0 73.4

51 26.6 22.5 33.7



#4

n-Nitrosodimethylamine

Concen: 34.50 ng

RT: 3.44 min Scan# 128

Delta R.T. 0.00 min

Lab File: BG016563.D

Acq: 20 Apr 2015 22:10

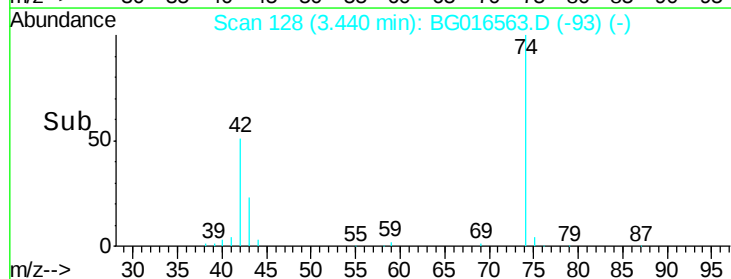
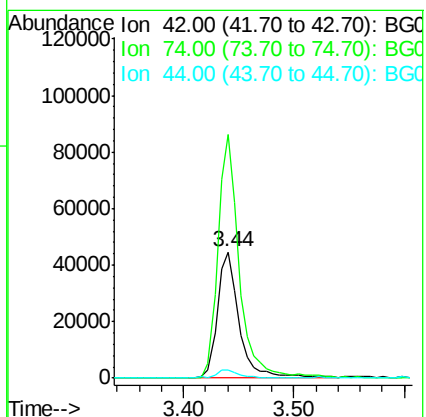
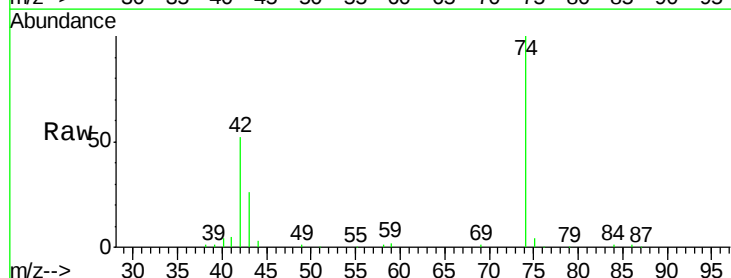
Tgt Ion: 42 Resp: 59587

Ion Ratio Lower Upper

42 100

74 193.4 153.7 230.5

44 6.0 5.3 7.9





#5

2-Fluorophenol

Concen: 133.83 ng

RT: 5.24 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG016563.D

Acq: 20 Apr 2015 22:10

Instrument :

BNA_G

ClientSampleId :

PB82873BSD

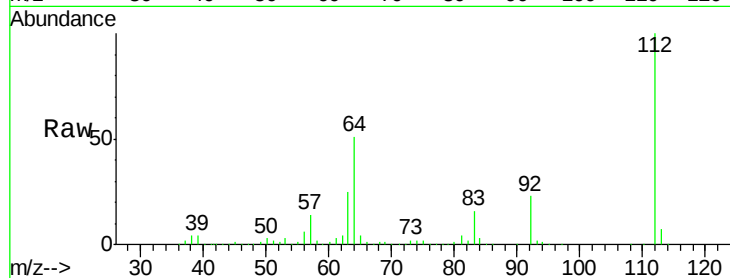
Tgt Ion: 112 Resp: 572341

Ion Ratio Lower Upper

112 100

64 50.9 44.5 66.7

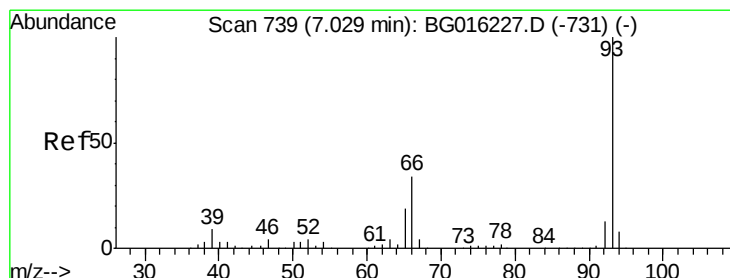
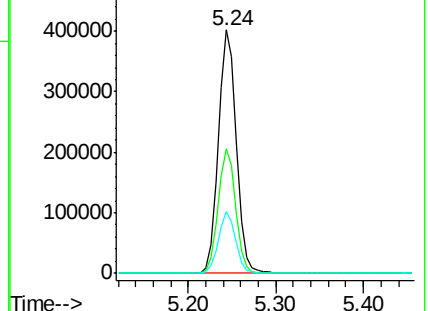
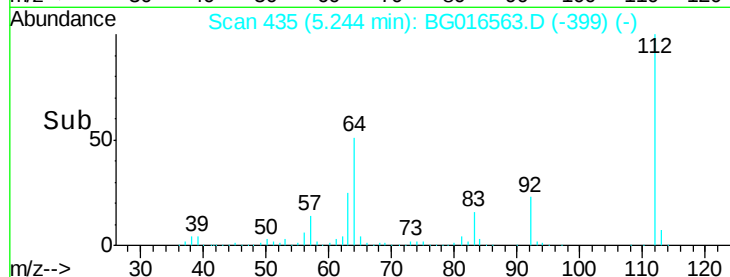
63 25.2 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.38 ng

RT: 6.98 min Scan# 731

Delta R.T. 0.01 min

Lab File: BG016563.D

Acq: 20 Apr 2015 22:10

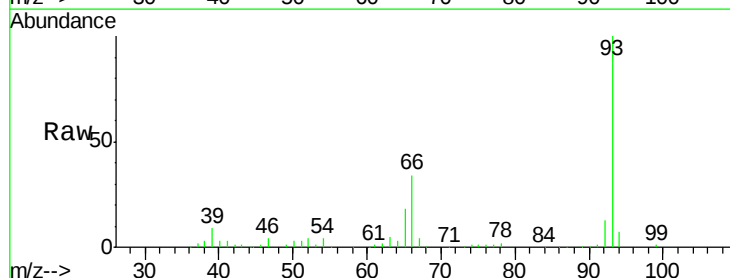
Tgt Ion: 93 Resp: 141014

Ion Ratio Lower Upper

93 100

66 34.1 27.5 41.3

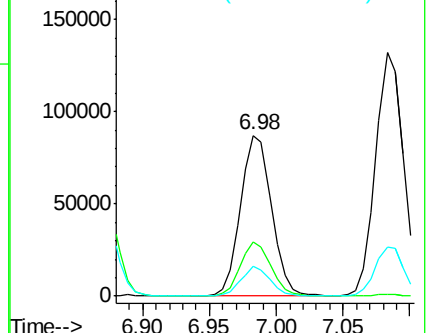
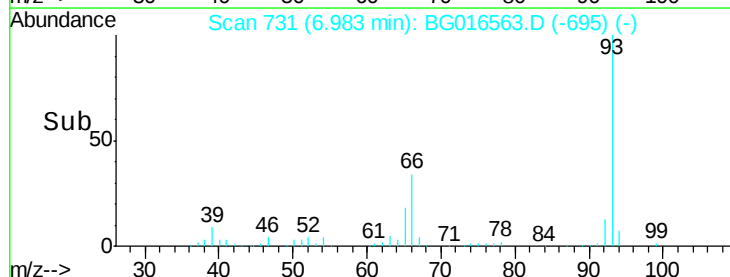
65 18.2 15.1 22.7

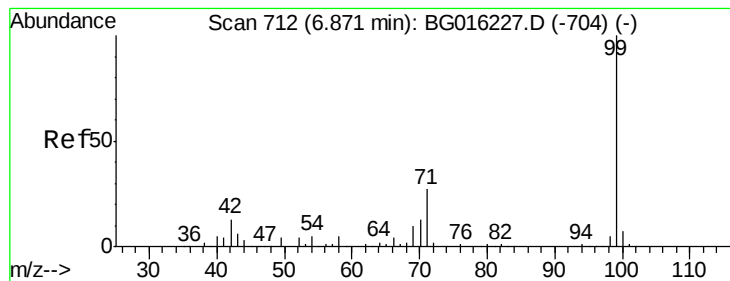


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.38 ng

RT: 6.85 min Scan# 708

Delta R.T. 0.02 min

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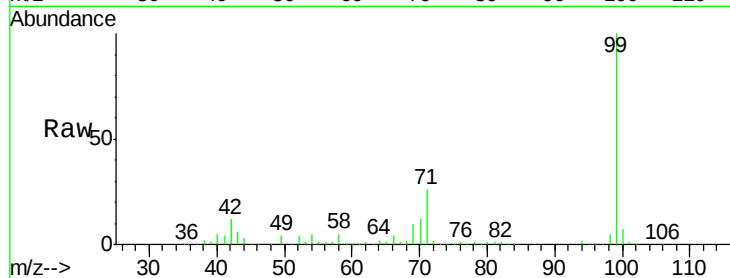
Tgt Ion: 99 Resp: 779238

Ion Ratio Lower Upper

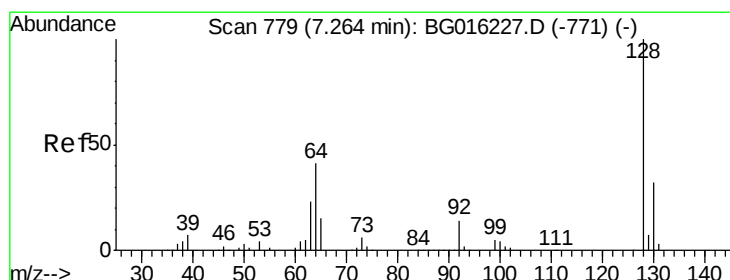
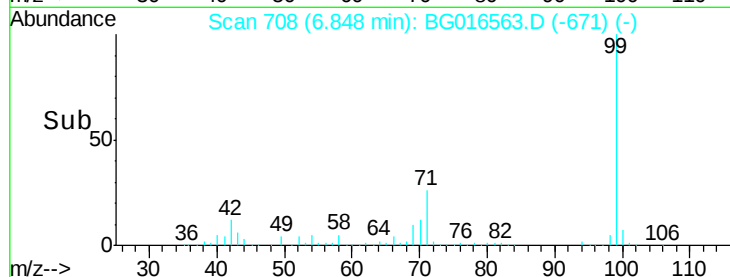
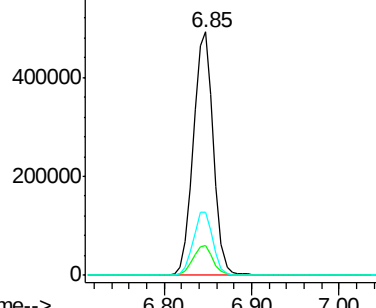
99 100

42 12.0 10.0 15.0

71 26.1 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: 42.44 ng

RT: 7.22 min Scan# 772

Delta R.T. 0.01 min

Lab File: BG016563.D

Acq: 20 Apr 2015 22:10

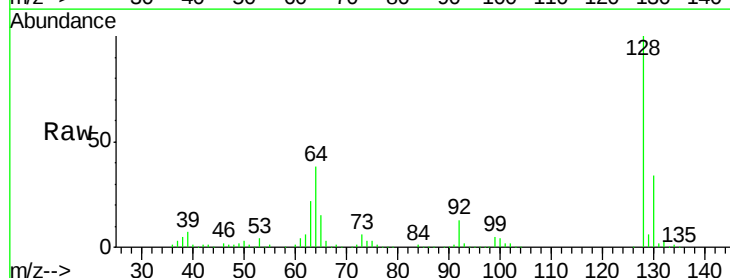
Tgt Ion: 128 Resp: 217970

Ion Ratio Lower Upper

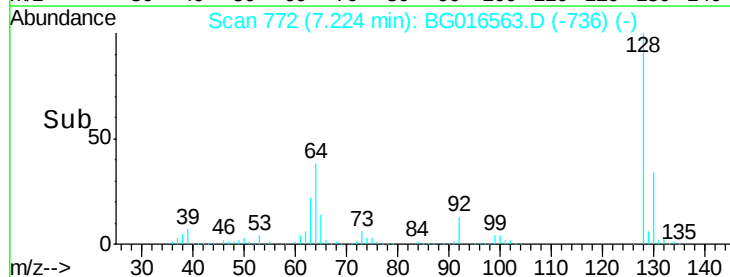
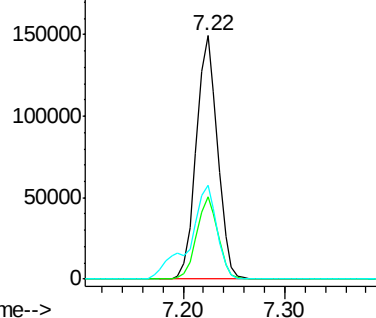
128 100

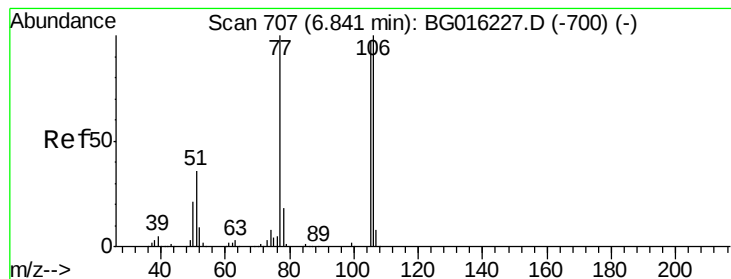
130 33.6 11.6 51.6

64 38.5 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: 6.38 ng

RT: 6.79 min Scan# 699

Delta R.T. 0.00 min

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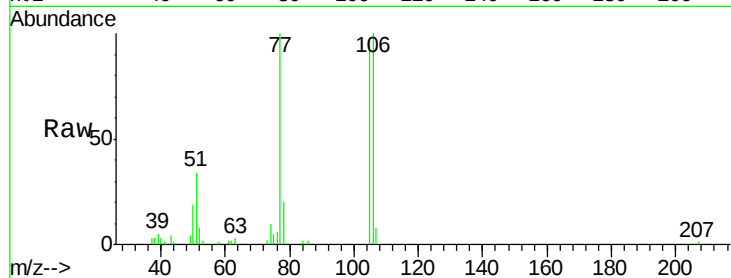
Tgt Ion: 77 Resp: 23973

Ion Ratio Lower Upper

77 100

105 96.9 76.8 116.8

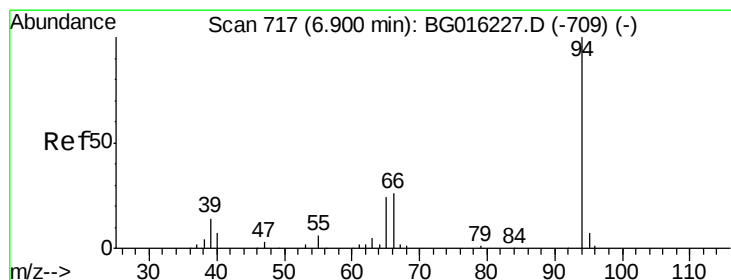
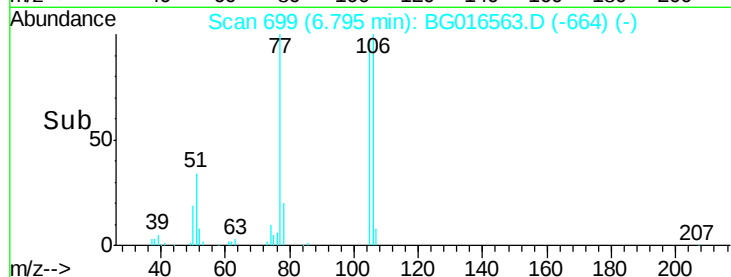
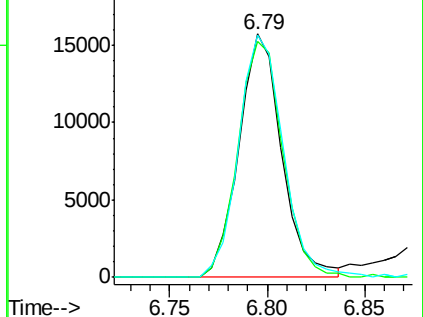
106 99.5 80.1 120.1



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: 39.18 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.01 min

Lab File: BG016563.D

Acq: 20 Apr 2015 22:10

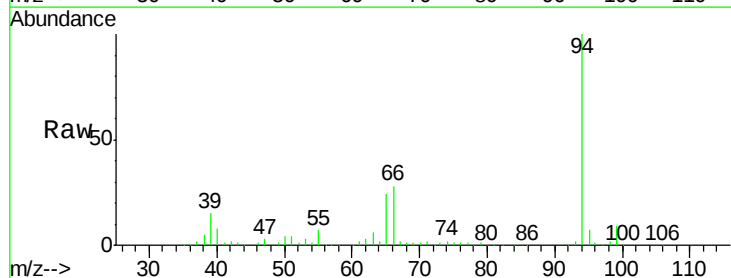
Tgt Ion: 94 Resp: 269118

Ion Ratio Lower Upper

94 100

65 24.0 3.8 43.8

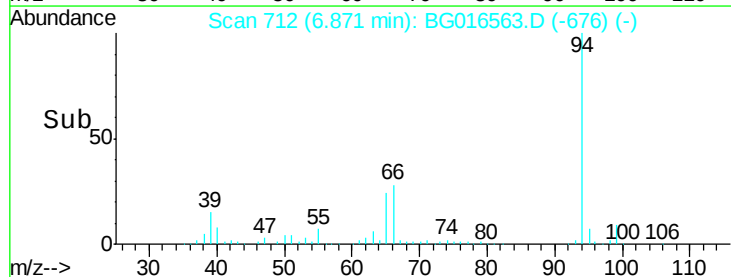
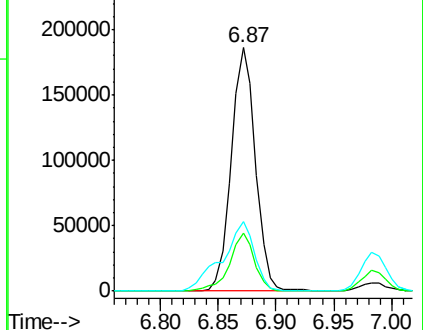
66 28.5 7.4 47.4



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

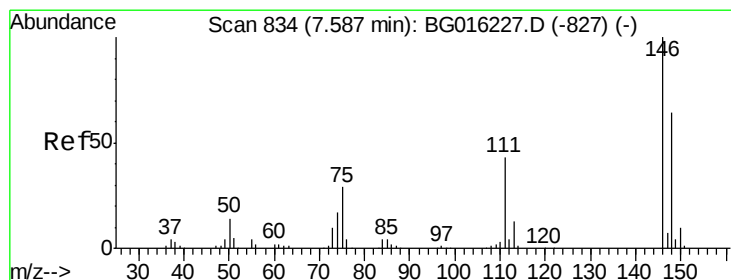
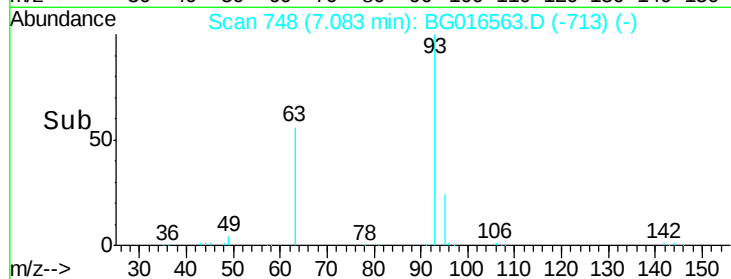
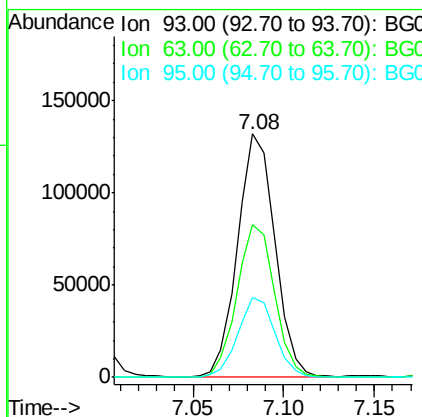
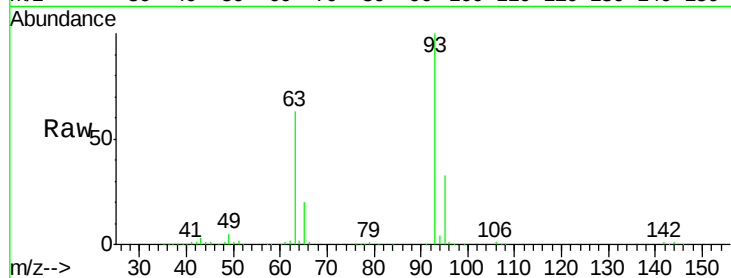




#11
 bis(2-Chloroethyl)ether
 Concen: 34.36 ng
 RT: 7.08 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BG016563.D
 Acq: 20 Apr 2015 22:10

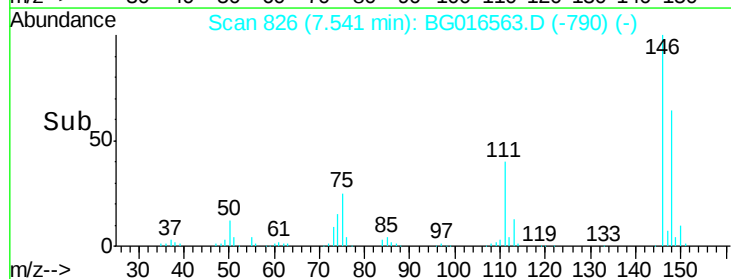
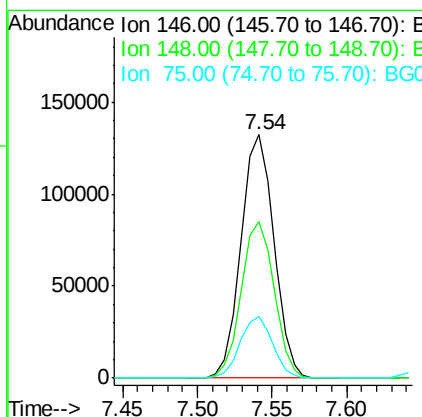
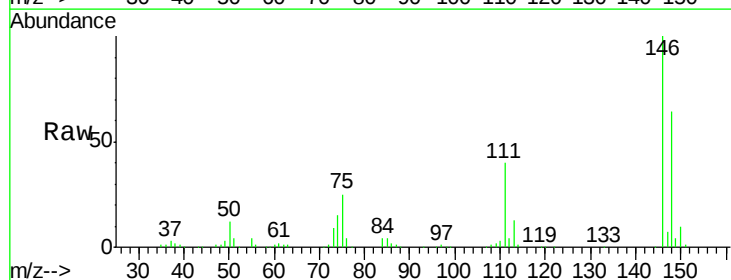
Instrument :
 BNA_G
 ClientSampleId :
 PB82873BSD

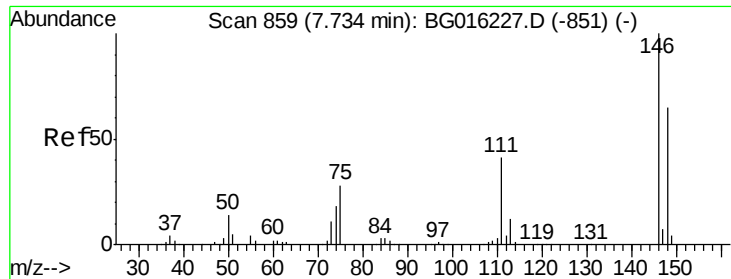
Tgt Ion:	93	Resp:	188175
Ion	Ratio	Lower	Upper
93	100		
63	62.7	44.1	84.1
95	32.8	12.5	52.5



#12
 1,3-Dichlorobenzene
 Concen: 39.00 ng
 RT: 7.54 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BG016563.D
 Acq: 20 Apr 2015 22:10

Tgt Ion:	146	Resp:	202248
Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.9	76.3
75	25.2	23.3	34.9

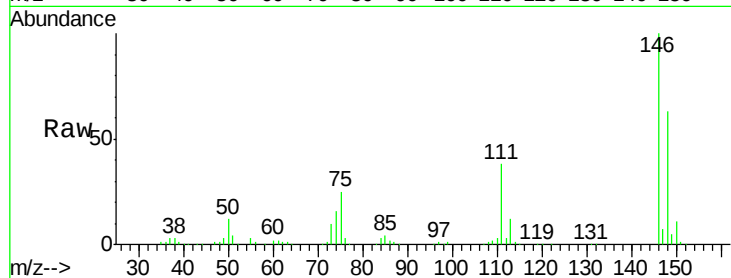




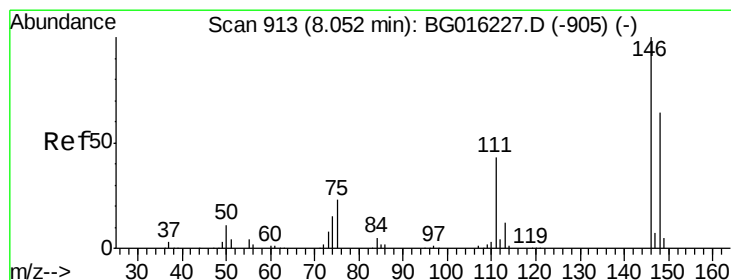
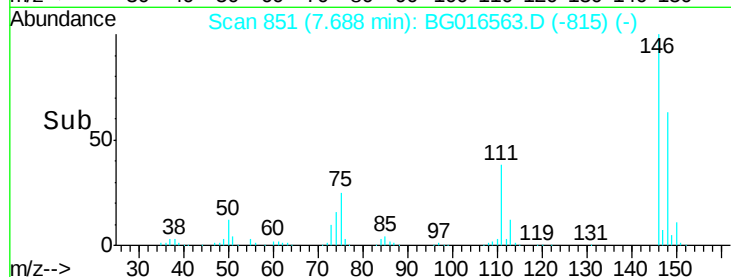
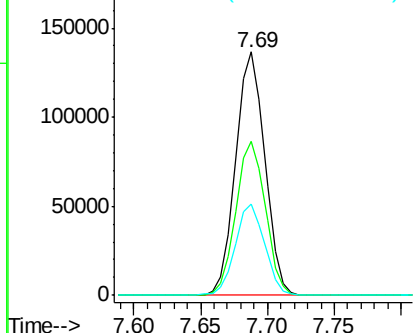
#13
 1,4-Dichlorobenzene
 Concen: 38.54 ng
 RT: 7.69 min Scan# 851
 Delta R.T. 0.01 min
 Lab File: BG016563.D
 Acq: 20 Apr 2015 22:10

Instrument :
 BNA_G
 ClientSampleId :
 PB82873BSD

Tgt Ion:146 Resp: 207354
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.0 78.0
 111 37.7 32.6 49.0

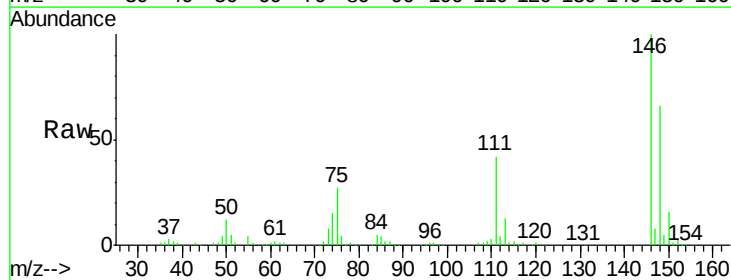


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

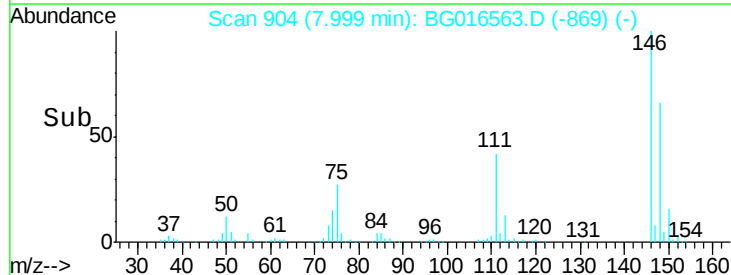
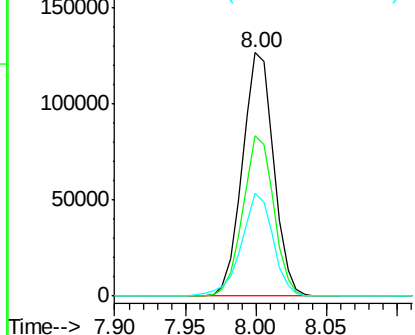


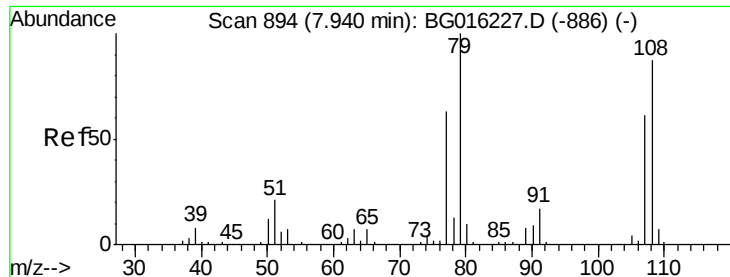
#14
 1,2-Dichlorobenzene
 Concen: 38.19 ng
 RT: 8.00 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BG016563.D
 Acq: 20 Apr 2015 22:10

Tgt Ion:146 Resp: 196492
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.9 76.3
 111 42.0 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: 33.67 ng

RT: 7.90 min Scan# 887

Delta R.T. 0.01 min

Lab File: BG016563.D

Acq: 20 Apr 2015 22:10

Instrument :

BNA_G

ClientSampleId :

PB82873BSD

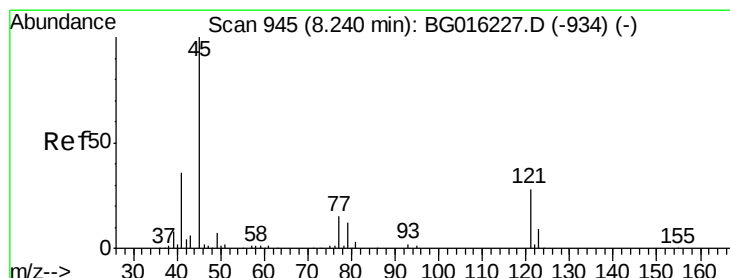
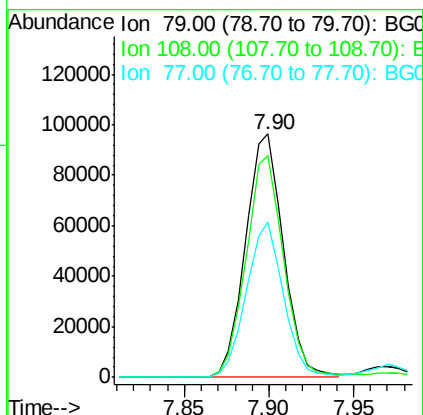
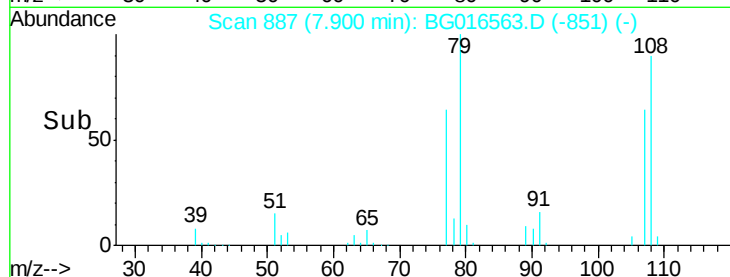
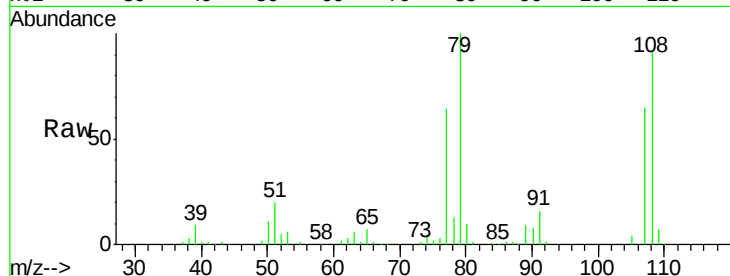
Tgt Ion: 79 Resp: 150671

Ion Ratio Lower Upper

79 100

108 90.9 69.3 103.9

77 63.8 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.18 ng

RT: 8.19 min Scan# 936

Delta R.T. 0.00 min

Lab File: BG016563.D

Acq: 20 Apr 2015 22:10

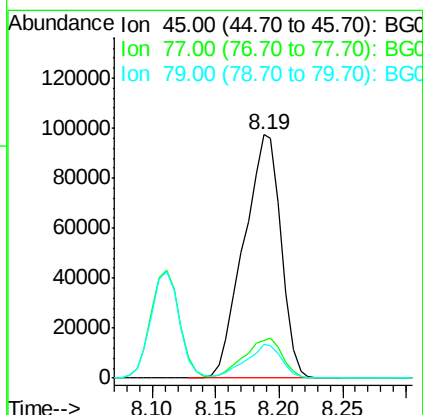
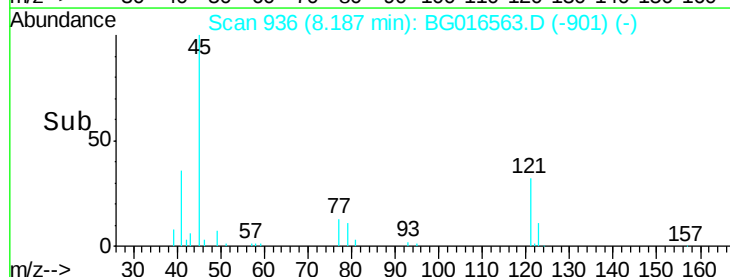
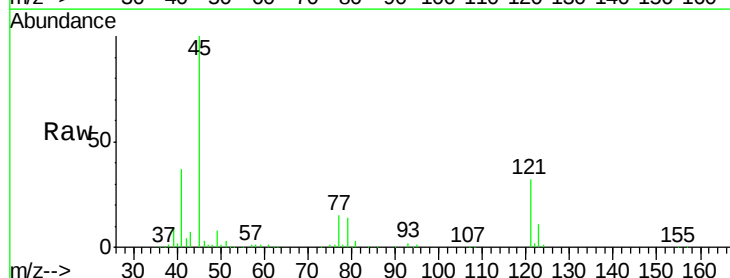
Tgt Ion: 45 Resp: 198516

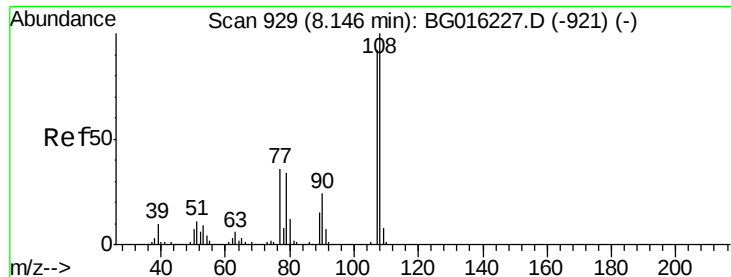
Ion Ratio Lower Upper

45 100

77 15.5 0.0 35.3

79 13.7 0.0 32.3

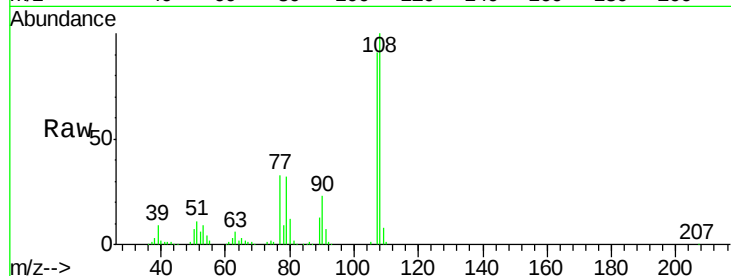




#17
2-Methylphenol
Concen: 39.28 ng
RT: 8.11 min Scan# 923
Delta R.T. 0.01 min
Lab File: BG016563.D
Acq: 20 Apr 2015 22:10

Instrument :
BNA_G
ClientSampleId :
PB82873BSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.1	87.2	130.8
77	36.2	31.1	46.7
79	35.7	29.7	44.5



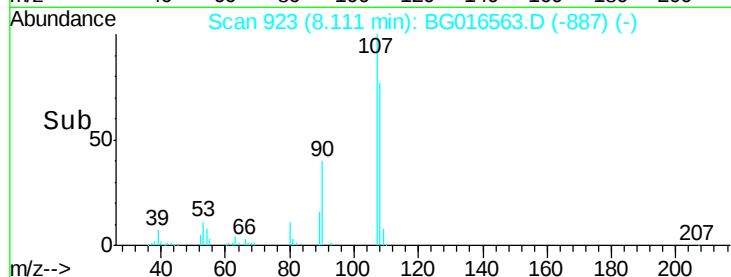
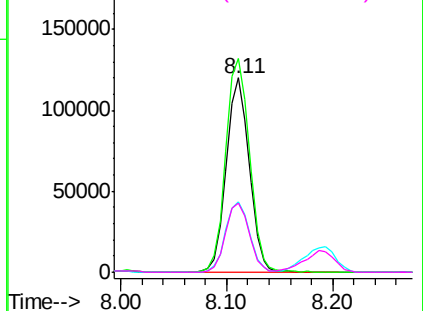
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

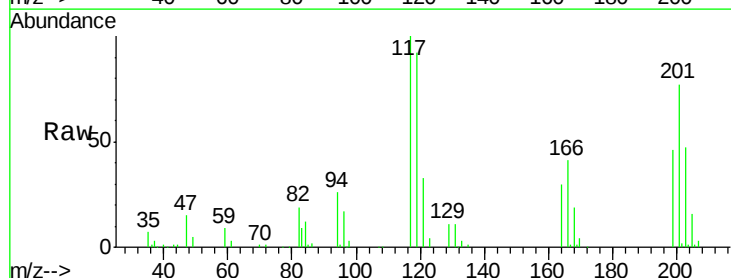
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.68 ng
RT: 8.72 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BG016563.D
Acq: 20 Apr 2015 22:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	78.8	118.2
201	76.8	59.0	88.4

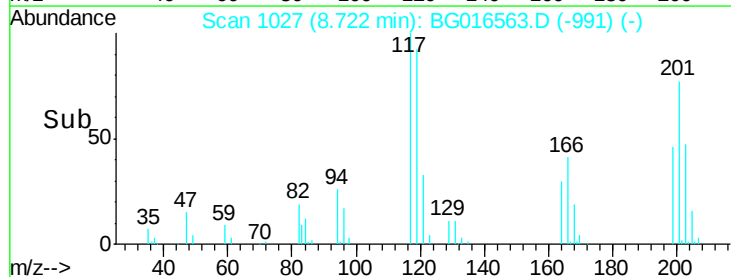
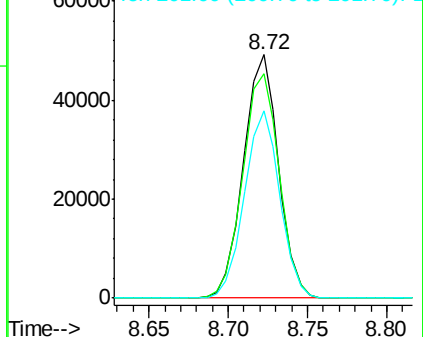


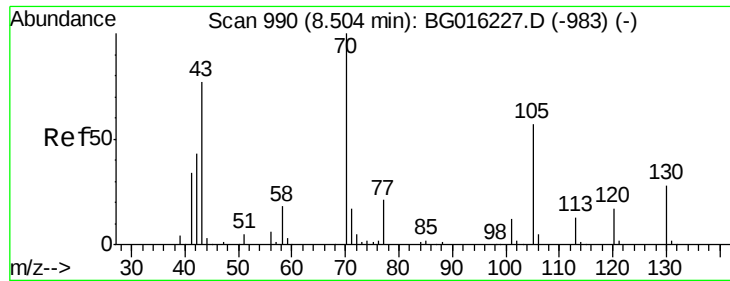
Abundance

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

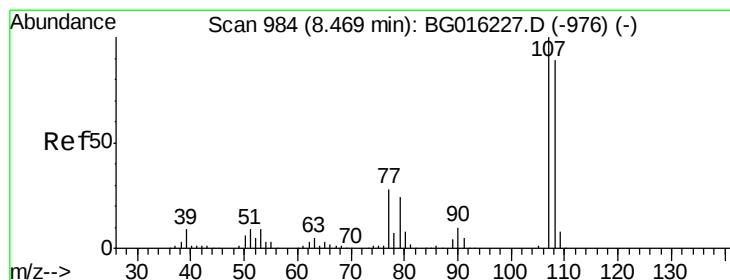
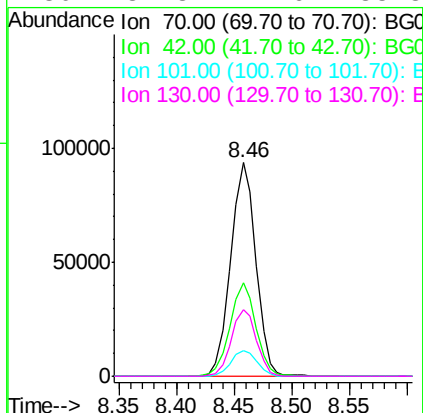
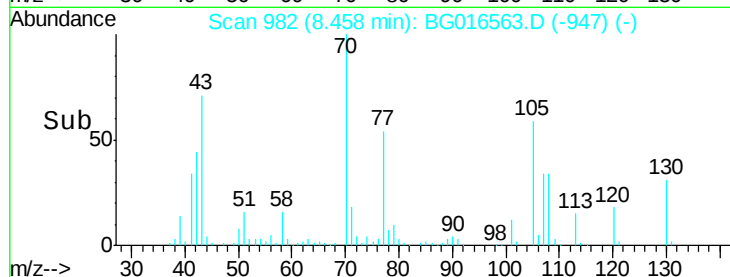
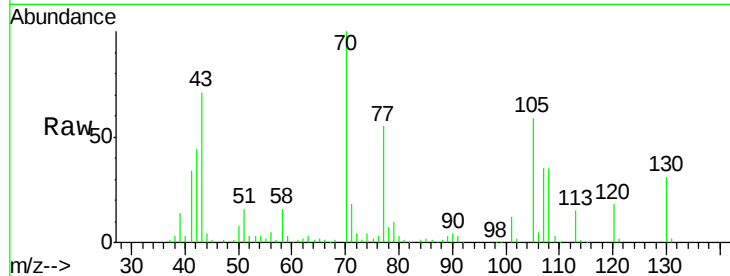




#19
n-Nitroso-di-n-propylamine
Concen: 30.71 ng
RT: 8.46 min Scan# 982
Delta R.T. 0.00 min
Lab File: BG016563.D
Acq: 20 Apr 2015 22:10

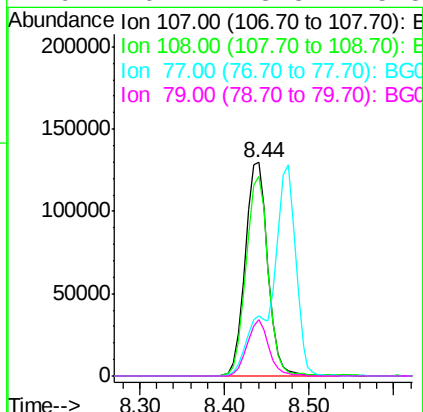
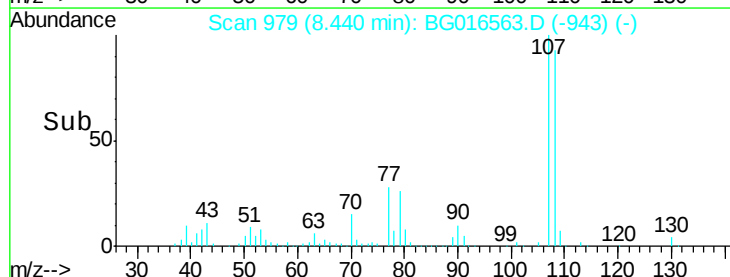
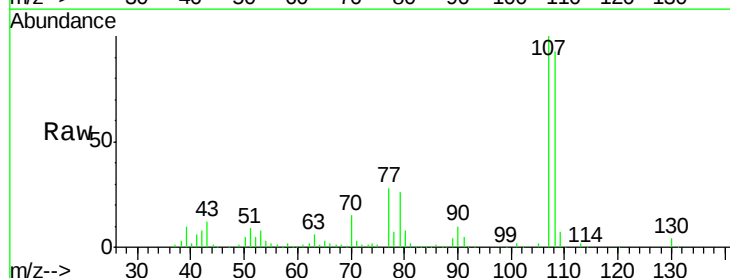
Instrument :
BNA_G
ClientSampleId :
PB82873BSD

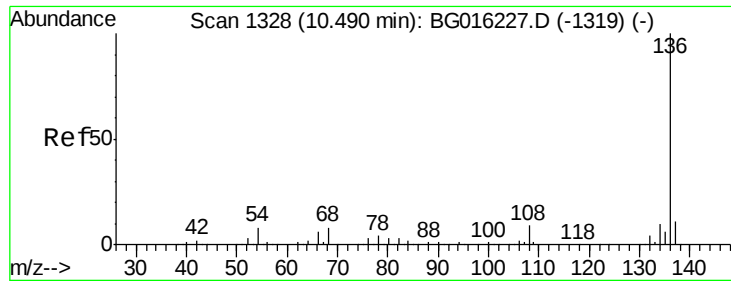
Tgt Ion: 70 Resp: 141266
Ion Ratio Lower Upper
70 100
42 43.7 34.7 52.1
101 12.0 9.2 13.8
130 31.3 22.6 33.8



#20
3+4-Methylphenols
Concen: 37.93 ng
RT: 8.44 min Scan# 979
Delta R.T. 0.01 min
Lab File: BG016563.D
Acq: 20 Apr 2015 22:10

Tgt Ion: 107 Resp: 241973
Ion Ratio Lower Upper
107 100
108 93.3 69.5 109.5
77 28.1 8.2 48.2
79 26.2 3.8 43.8

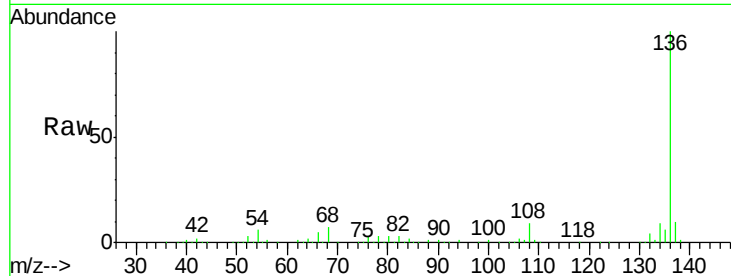




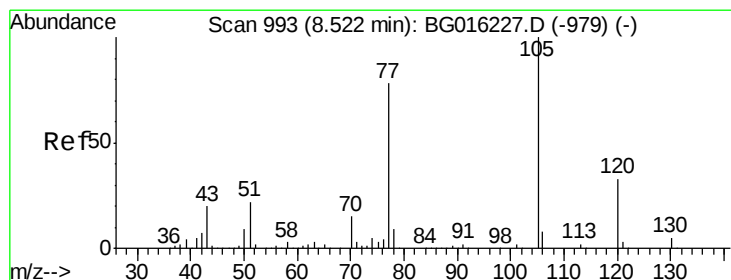
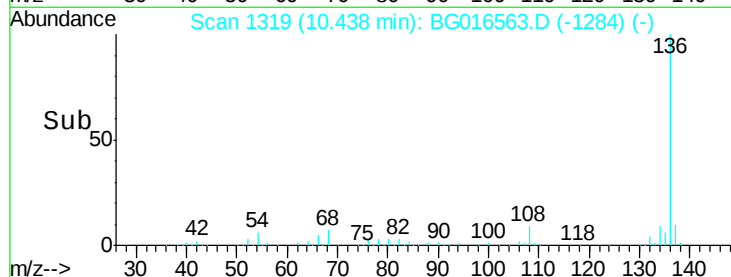
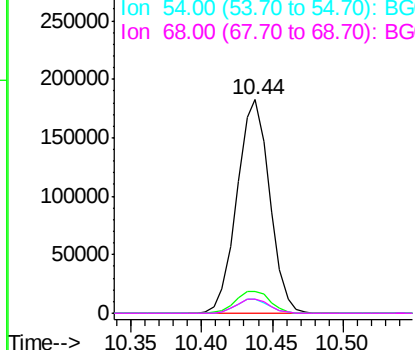
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.44 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG016563.D
Acq: 20 Apr 2015 22:10

Instrument :
BNA_G
ClientSampleId :
PB82873BSD

Tgt Ion:	136	Resp:	294692
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	6.5	6.3	9.5
68	6.8	6.5	9.7

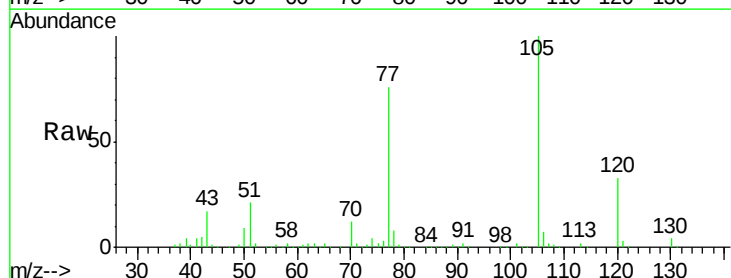


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

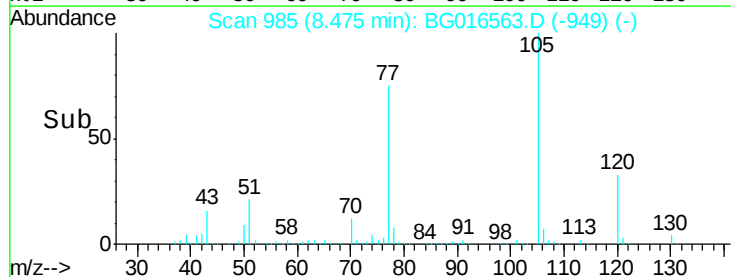
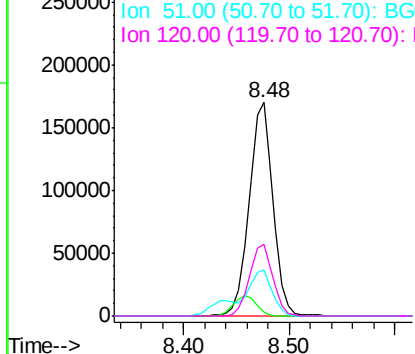


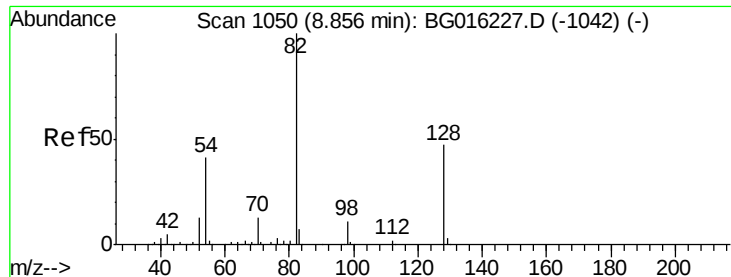
#22
Acetophenone
Concen: 39.16 ng
RT: 8.48 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG016563.D
Acq: 20 Apr 2015 22:10

Tgt Ion:	105	Resp:	267615
Ion	Ratio	Lower	Upper
105	100		
71	1.7	2.0	3.0#
51	21.3	17.9	26.9
120	33.3	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

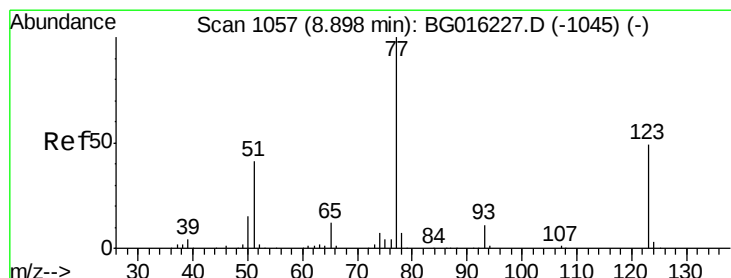
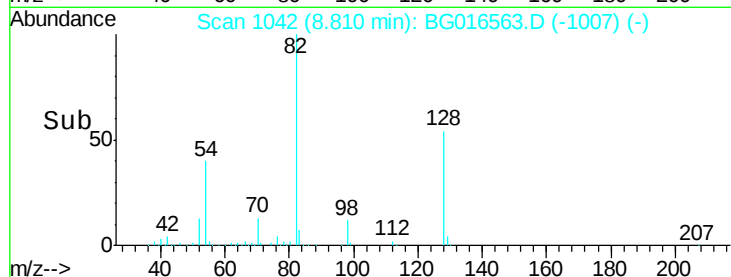
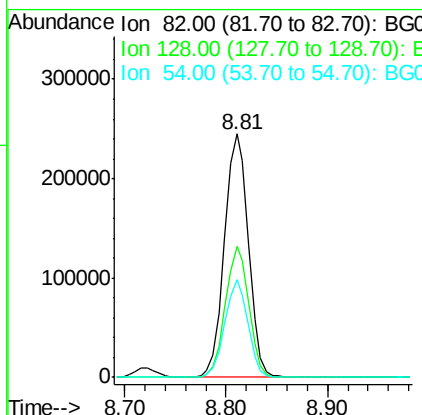
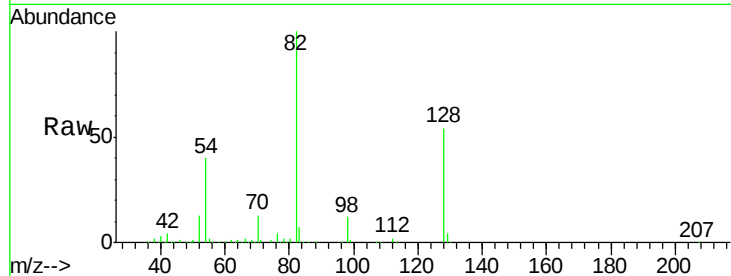




#23
Nitrobenzene-d5
Concen: 78.60 ng
RT: 8.81 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG016563.D
Acq: 20 Apr 2015 22:10

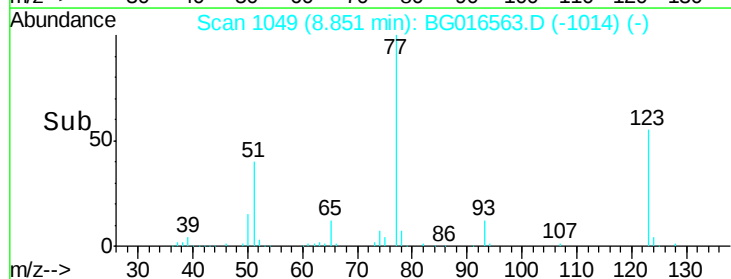
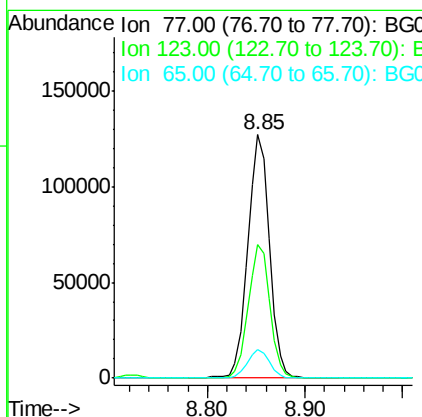
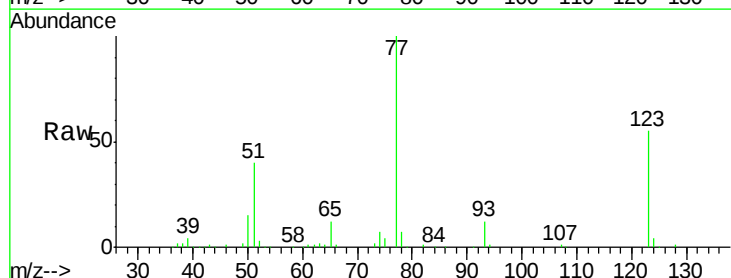
Instrument :
BNA_G
ClientSampleId :
PB82873BSD

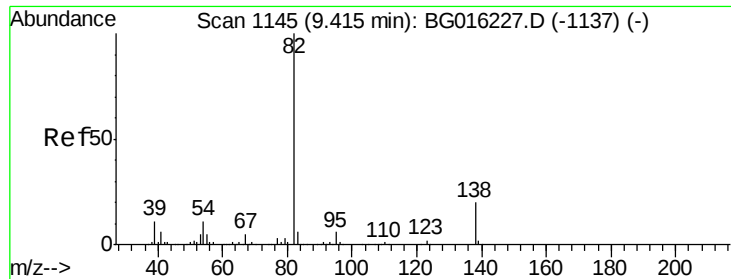
Tgt Ion: 82 Resp: 399851
Ion Ratio Lower Upper
82 100
128 53.6 37.8 56.8
54 40.4 32.6 49.0



#24
Nitrobenzene
Concen: 36.26 ng
RT: 8.85 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BG016563.D
Acq: 20 Apr 2015 22:10

Tgt Ion: 77 Resp: 197234
Ion Ratio Lower Upper
77 100
123 54.6 38.8 58.2
65 11.9 9.4 14.2





#25

Isophorone

Concen: 34.35 ng

RT: 9.37 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BG016563.D

Acq: 20 Apr 2015 22:10

Instrument :

BNA_G

ClientSampleId :

PB82873BSD

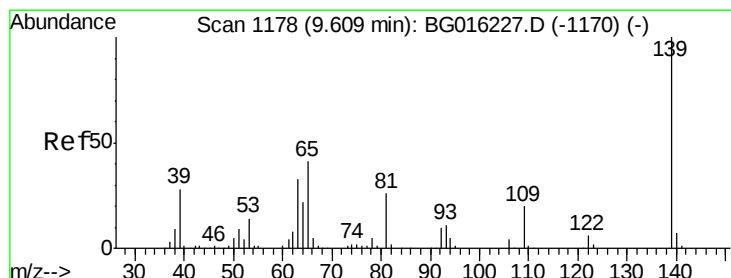
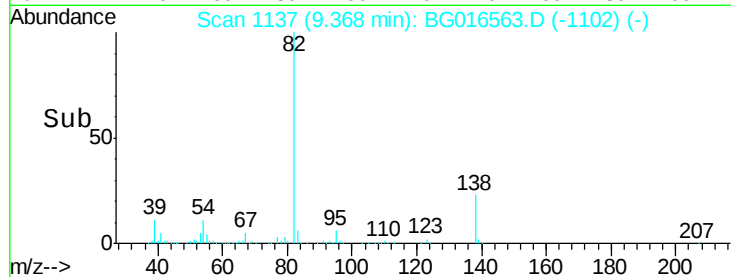
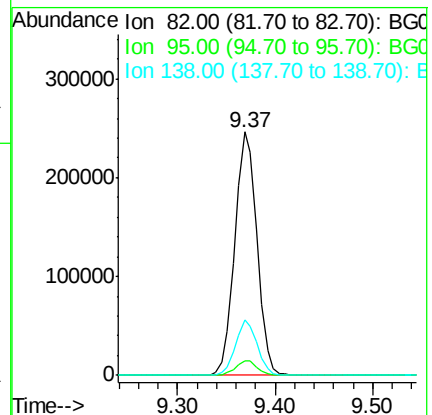
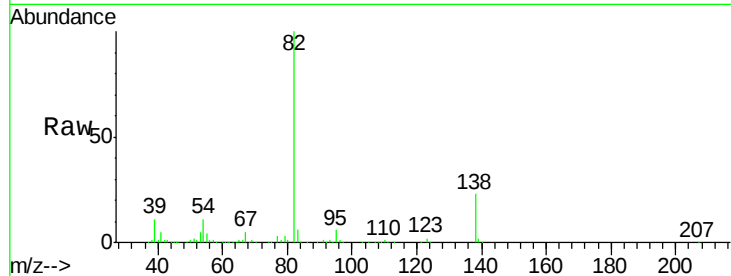
Tgt Ion: 82 Resp: 388078

Ion Ratio Lower Upper

82 100

95 5.9 5.0 7.6

138 22.6 16.2 24.2



#26

2-Nitrophenol

Concen: 45.84 ng

RT: 9.56 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BG016563.D

Acq: 20 Apr 2015 22:10

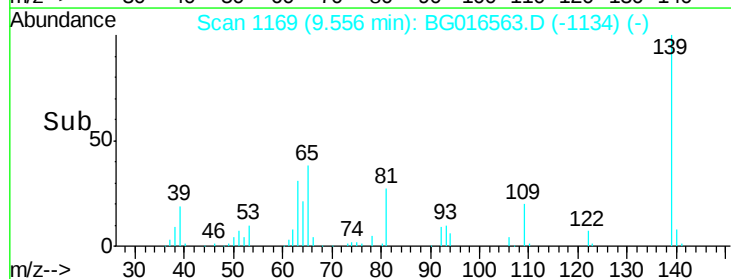
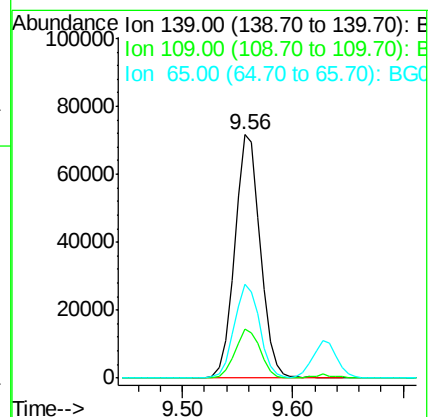
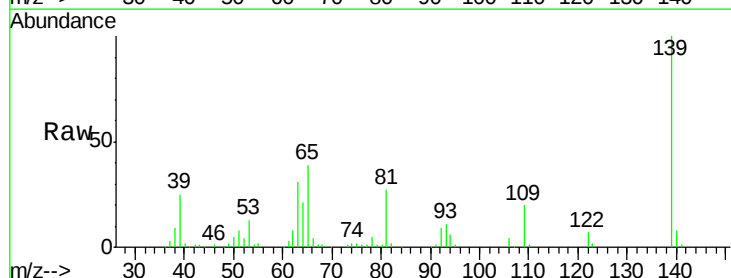
Tgt Ion: 139 Resp: 116283

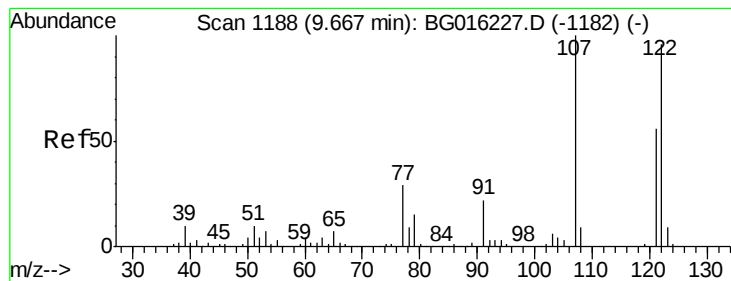
Ion Ratio Lower Upper

139 100

109 20.0 15.9 23.9

65 38.8 32.9 49.3





#27

2,4-Dimethylphenol

Concen: 44.31 ng

RT: 9.63 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BG016563.D

Acq: 20 Apr 2015 22:10

Instrument :

BNA_G

ClientSampleId :

PB82873BSD

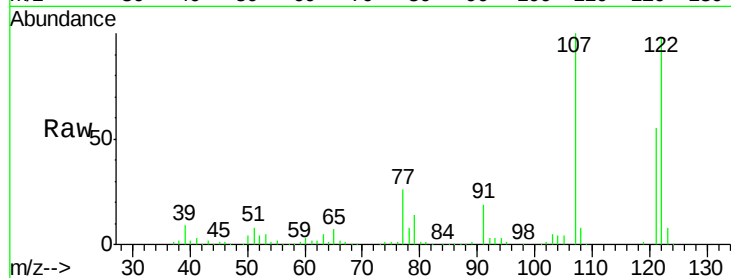
Tgt Ion: 122 Resp: 209384

Ion Ratio Lower Upper

122 100

107 102.5 83.4 125.2

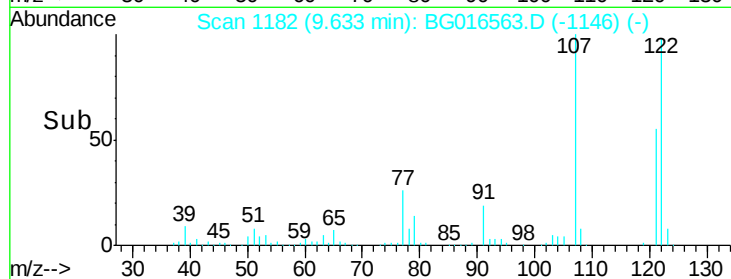
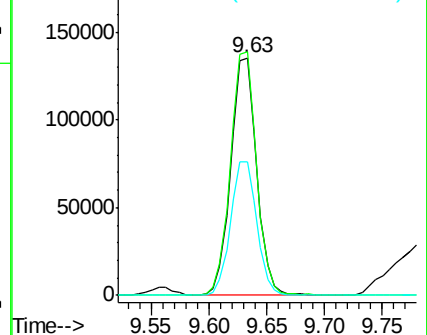
121 56.0 46.2 69.4



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: 37.27 ng

RT: 9.86 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BG016563.D

Acq: 20 Apr 2015 22:10

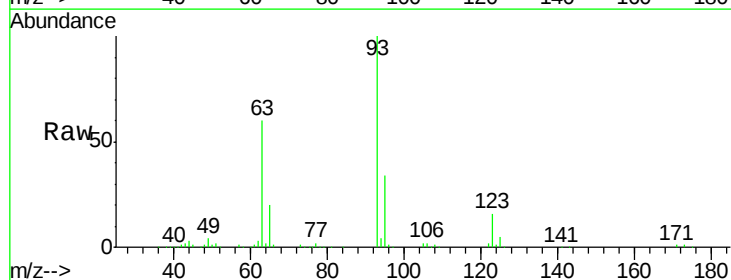
Tgt Ion: 93 Resp: 240330

Ion Ratio Lower Upper

93 100

95 33.5 26.1 39.1

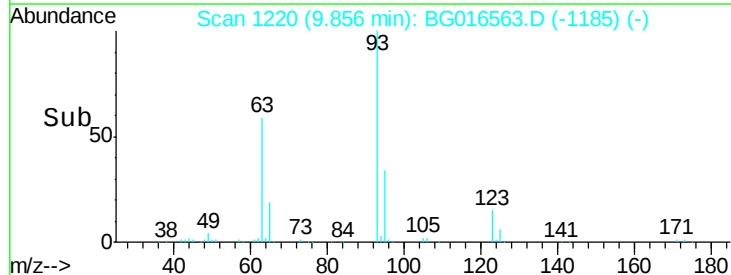
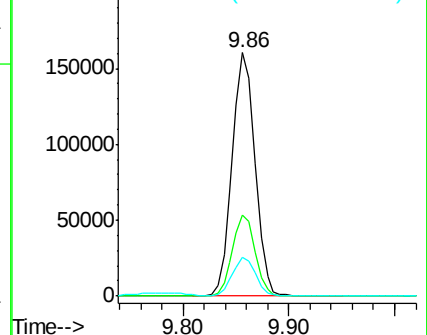
123 16.2 11.8 17.8

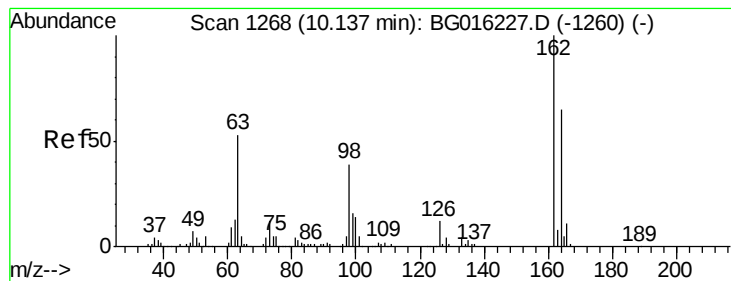


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.64 ng

RT: 10.10 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG016563.D

Acq: 20 Apr 2015 22:10

Instrument :

BNA_G

ClientSampleId :

PB82873BSD

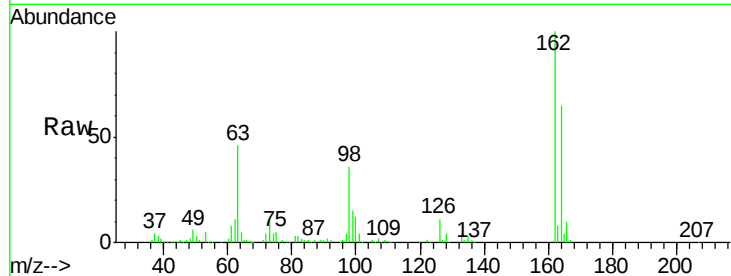
Tgt Ion:162 Resp: 181872

Ion Ratio Lower Upper

162 100

164 65.0 45.0 85.0

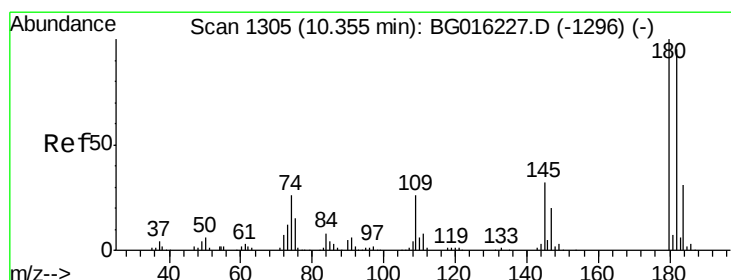
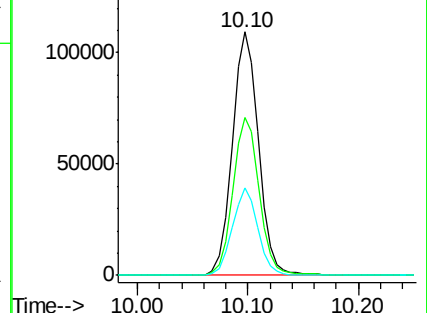
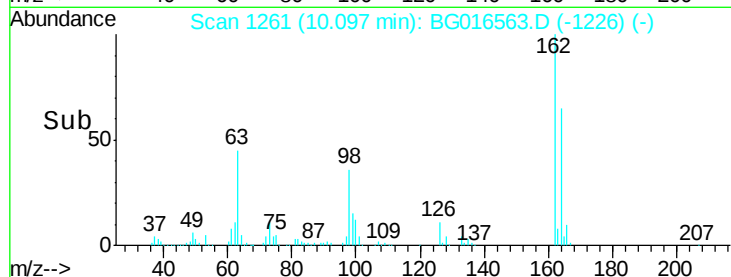
98 36.0 19.1 59.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 43.26 ng

RT: 10.30 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG016563.D

Acq: 20 Apr 2015 22:10

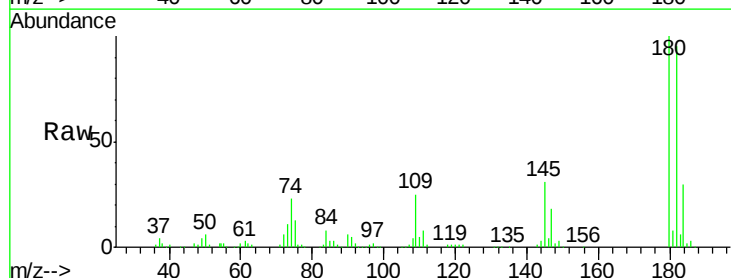
Tgt Ion:180 Resp: 168876

Ion Ratio Lower Upper

180 100

182 95.5 76.3 114.5

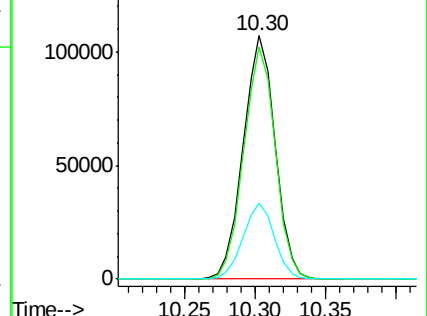
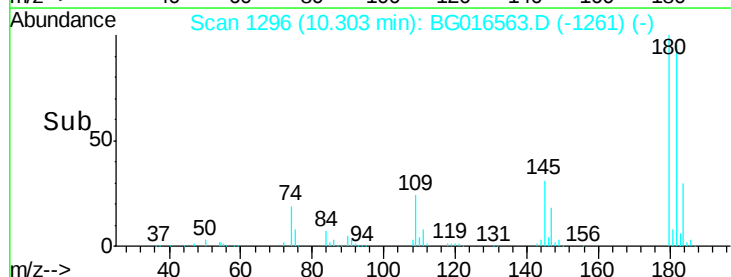
145 30.9 25.2 37.8

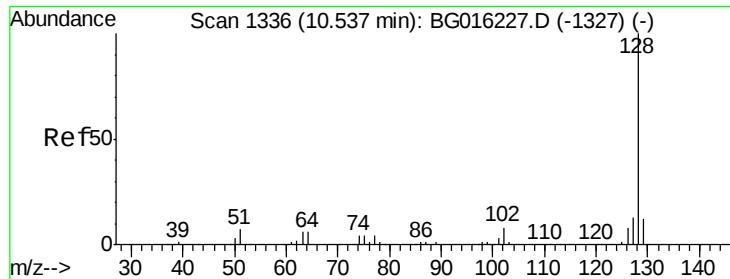


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

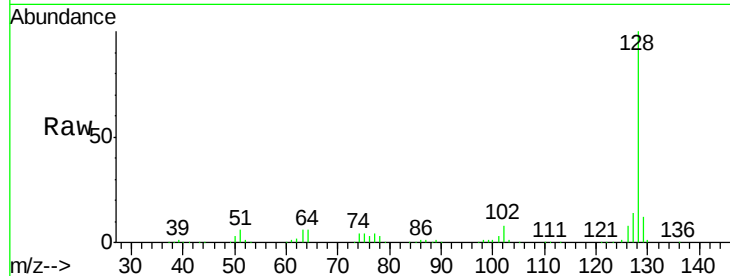




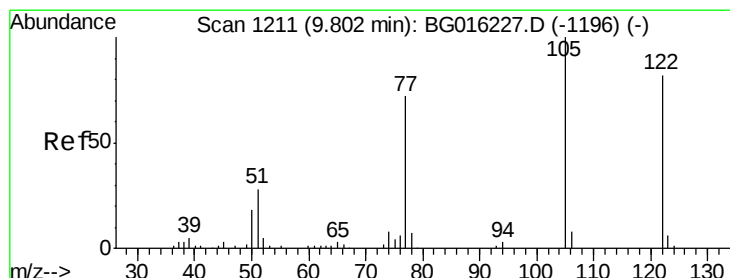
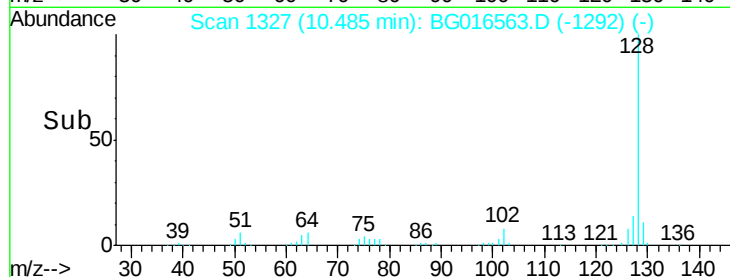
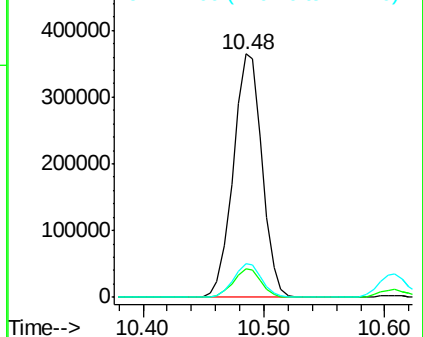
#31
Naphthalene
Concen: 39.27 ng
RT: 10.48 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG016563.D
Acq: 20 Apr 2015 22:10

Instrument :
BNA_G
ClientSampleId :
PB82873BSD

Tgt Ion:128 Resp: 603062
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 14.0 10.6 16.0

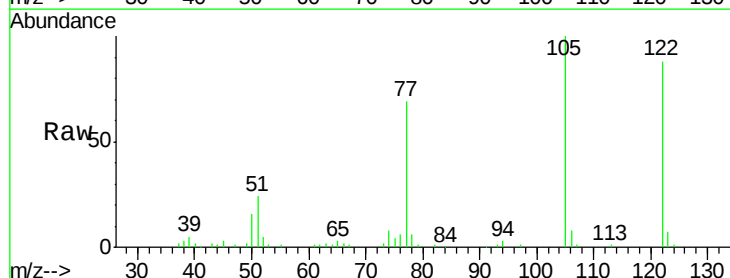


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

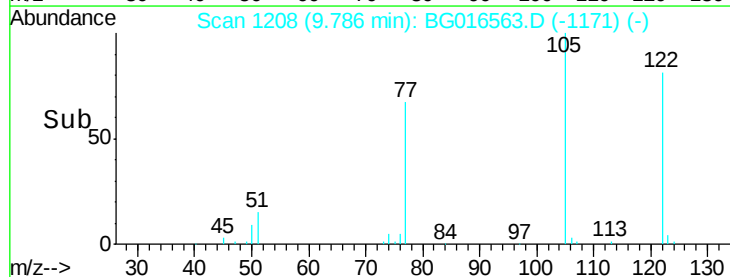
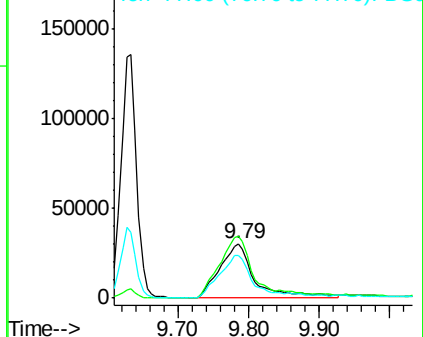


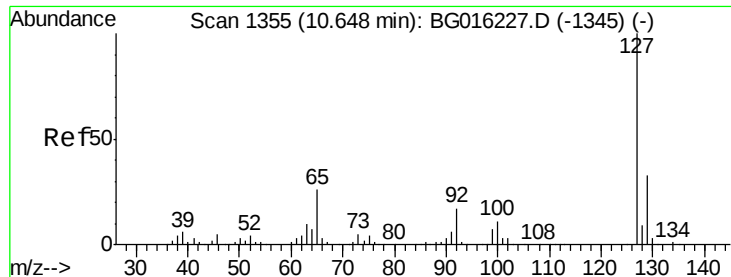
#32
Benzoic acid
Concen: 35.70 ng
RT: 9.79 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BG016563.D
Acq: 20 Apr 2015 22:10

Tgt Ion:122 Resp: 101589
Ion Ratio Lower Upper
122 100
105 113.1 99.7 139.7
77 78.0 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

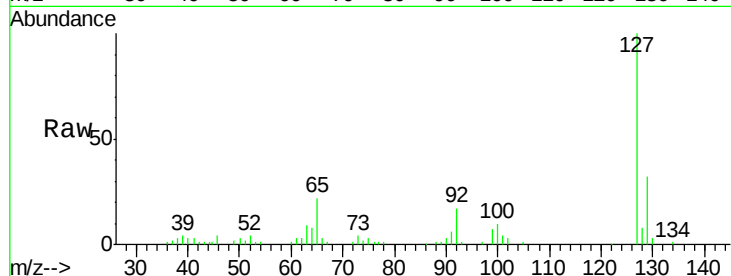




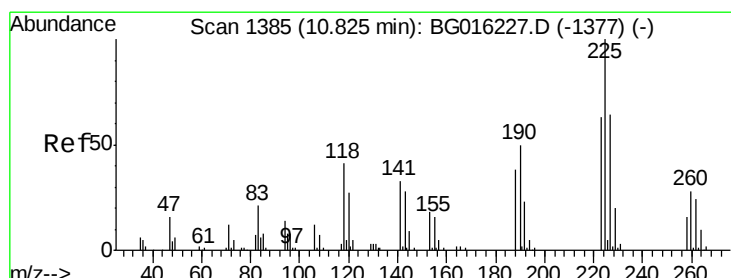
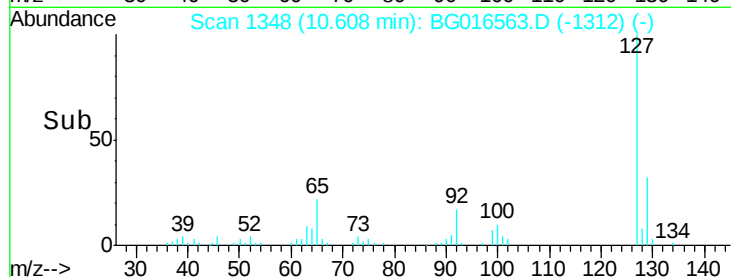
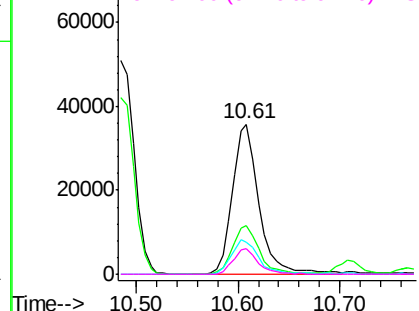
#33
4-Chloroaniline
Concen: 9.00 ng
RT: 10.61 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BG016563.D
Acq: 20 Apr 2015 22:10

Instrument :
BNA_G
ClientSampleId :
PB82873BSD

Tgt Ion:127 Resp: 64834
Ion Ratio Lower Upper
127 100
129 32.5 26.1 39.1
65 21.7 21.2 31.8
92 16.7 13.8 20.6

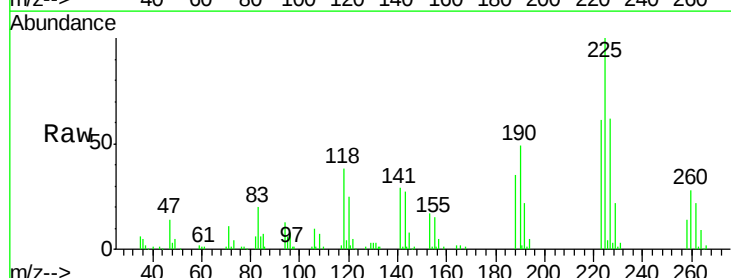


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 43.22 ng
RT: 10.77 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BG016563.D
Acq: 20 Apr 2015 22:10

Tgt Ion:225 Resp: 74102
Ion Ratio Lower Upper
225 100
223 60.9 50.4 75.6
227 62.0 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

