

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042315\
 Data File : BG016666.D
 Acq On : 23 Apr 2015 23:12
 Operator : TP/IZ
 Sample : PB82885BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82885BS

Quant Time: Apr 24 02:26:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 19:19:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	61343	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	267254	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	150777	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	311677	20.00	ng	0.00
75) Chrysene-d12	21.18	240	291156	20.00	ng	0.00
86) Perylene-d12	23.39	264	267286	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	479531	126.85	ng	0.00
7) Phenol-d6	6.80	99	665418	125.47	ng	0.00
23) Nitrobenzene-d5	8.76	82	330660	78.18	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	134513	120.26	ng	0.00
44) 2-Fluorobiphenyl	12.87	172	760065	80.99	ng	0.00
78) Terphenyl-d14	19.63	244	916508	72.51	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	50311	30.72	ng	96
3) Pyridine	3.45	79	139435	29.99	ng	98
4) n-Nitrosodimethylamine	3.38	42	46588	33.96	ng	100
6) Aniline	6.93	93	179269	24.65	ng	99
8) 2-Chlorophenol	7.17	128	179996	38.52	ng	98
9) Benzaldehyde	6.74	77	16764	7.74	ng	93
10) Phenol	6.82	94	226253	40.47	ng	98
11) bis(2-Chloroethyl)ether	7.04	93	153180	35.11	ng	98
12) 1,3-Dichlorobenzene	7.48	146	166118	34.38	ng	99
13) 1,4-Dichlorobenzene	7.63	146	170343	34.49	ng	98
14) 1,2-Dichlorobenzene	7.95	146	164545	34.90	ng	98
15) Benzyl Alcohol	7.85	79	125568	37.73	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.14	45	152571	37.36	ng	100
17) 2-Methylphenol	8.06	107	151647	40.58	ng	97
18) Hexachloroethane	8.66	117	61373	35.24	ng	95
19) n-Nitroso-di-n-propylamine	8.41	70	113564	34.35	ng	97
20) 3+4-Methylphenols	8.39	107	204213	38.86	ng	98
22) Acetophenone	8.42	105	224427	38.26	ng	# 99
24) Nitrobenzene	8.80	77	163053	36.71	ng	97
25) Isophorone	9.32	82	312493	35.65	ng	97
26) 2-Nitrophenol	9.51	139	96539	37.46	ng	98
27) 2,4-Dimethylphenol	9.58	122	176358	40.98	ng	99
28) bis(2-Chloroethoxy)methane	9.81	93	199092	37.64	ng	97
29) 2,4-Dichlorophenol	10.05	162	153146	41.86	ng	98
30) 1,2,4-Trichlorobenzene	10.25	180	142032	36.63	ng	98
31) Naphthalene	10.43	128	509708	36.17	ng	99
32) Benzoic acid	9.74	122	58194	29.20	ng	95
33) 4-Chloroaniline	10.56	127	122961	18.94	ng	97
34) Hexachlorobutadiene	10.71	225	62458	36.07	ng	98
35) Caprolactam	11.33	113	37610	19.07	ng	99
36) 4-Chloro-3-methylphenol	11.71	107	168129	39.52	ng	98
37) 2-Methylnaphthalene	12.05	142	376788	37.02	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	134164	37.35	ng	98
40) Hexachlorocyclopentadiene	12.41	237	108917	78.39	ng	98

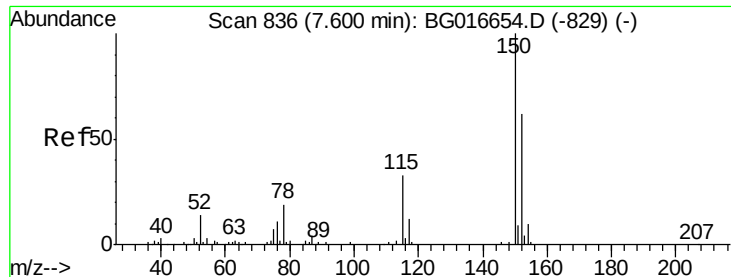
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042315\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	102871	39.19	ng	99
43) 2,4,5-Trichlorophenol	12.76	196	107898	38.85	ng	99
45) 1,1'-Biphenyl	13.08	154	454370	38.37	ng	98
46) 2-Chloronaphthalene	13.12	162	343774	37.77	ng	99
47) 2-Nitroaniline	13.34	65	97627	39.32	ng	98
48) Acenaphthylene	13.97	152	591137	37.08	ng	99
49) Dimethylphthalate	13.72	163	420620	37.29	ng	99
50) 2,6-Dinitrotoluene	13.84	165	104386	37.71	ng	94
51) Acenaphthene	14.32	154	355535	37.16	ng	99
52) 3-Nitroaniline	14.17	138	77135	23.06	ng	99
53) 2,4-Dinitrophenol	14.39	184	110046	73.78	ng	97
54) Dibenzofuran	14.65	168	513286	38.03	ng	100
55) 4-Nitrophenol	14.52	139	200262	79.89	ng	99
56) 2,4-Dinitrotoluene	14.63	165	145803	38.46	ng	98
57) Fluorene	15.30	166	443557	37.60	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.89	232	81744	38.90	ng	99
59) Diethylphthalate	15.09	149	435895	37.08	ng	99
60) 4-Chlorophenyl-phenylether	15.30	204	184594	37.46	ng	98
61) 4-Nitroaniline	15.34	138	134557	36.36	ng	98
62) Azobenzene	15.59	77	425392	39.62	ng	99
64) 4,6-Dinitro-2-methylphenol	15.40	198	76029	36.05	ng	99
65) n-Nitrosodiphenylamine	15.51	169	389849	36.48	ng	100
66) 4-Bromophenyl-phenylether	16.19	248	96648	37.11	ng	100
67) Hexachlorobenzene	16.30	284	99510	37.15	ng	98
68) Atrazine	16.47	200	120642	42.06	ng	99
69) Pentachlorophenol	16.65	266	106065	81.55	ng	97
70) Phenanthrene	17.04	178	656456	36.66	ng	100
71) Anthracene	17.13	178	664945	37.34	ng	99
72) Carbazole	17.41	167	685832	38.44	ng	100
73) Di-n-butylphthalate	17.96	149	814161	38.28	ng	100
74) Fluoranthene	19.06	202	704463	37.13	ng	99
76) Benzidine	19.25	184	374685	37.78	ng	98
77) Pyrene	19.42	202	739352	36.15	ng	99
79) Butylbenzylphthalate	20.33	149	380006	37.77	ng	97
80) Benzo(a)anthracene	21.17	228	648468	36.73	ng	99
81) 3,3'-Dichlorobenzidine	21.10	252	137217	23.85	ng	97
82) Chrysene	21.22	228	612586	36.19	ng	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	528224	38.59	ng	98
84) Di-n-octyl phthalate	21.96	149	879988	38.59	ng	100
85) Indeno(1,2,3-cd)pyrene	25.63	276	663627	35.97	ng	99
87) Benzo(b)fluoranthene	22.72	252	634530	39.08	ng	99
88) Benzo(k)fluoranthene	22.76	252	570392	36.00	ng	98
89) Benzo(a)pyrene	23.29	252	585936	38.30	ng	97
90) Dibenzo(a,h)anthracene	25.63	278	546153	36.71	ng	95
91) Benzo(g,h,i)perylene	26.31	276	559956	36.99	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.59 min Scan# 835

Delta R.T. -0.01 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

Instrument :

BNA_G

ClientSampleId :

PB82885BS

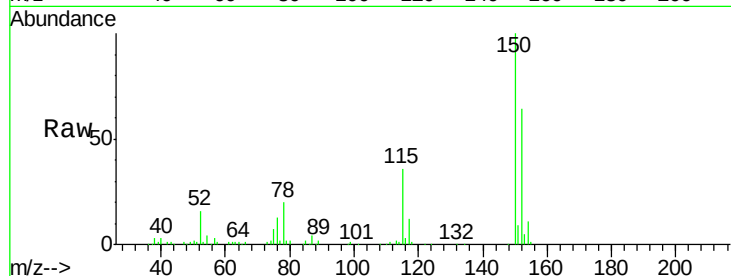
Tgt Ion:152 Resp: 61343

Ion Ratio Lower Upper

152 100

150 155.9 129.6 194.4

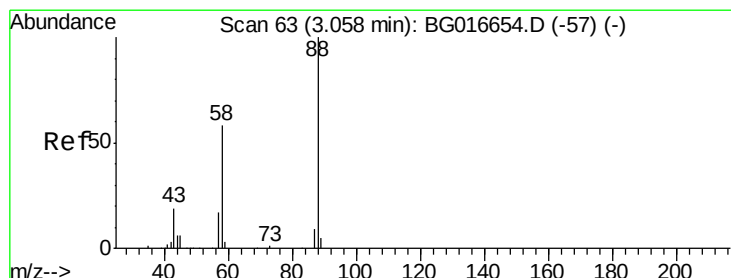
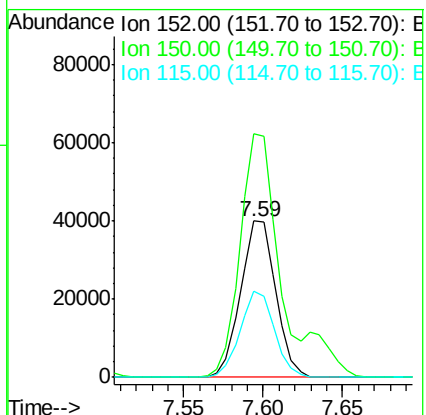
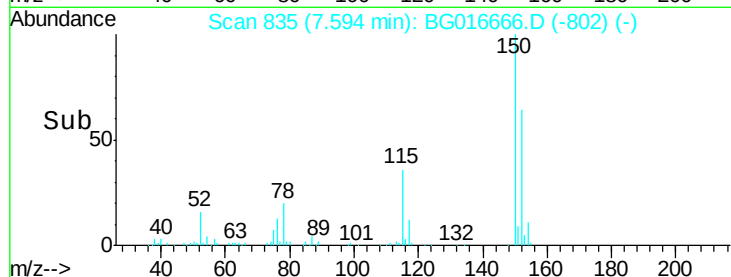
115 55.4 43.0 64.6



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: 30.72 ng

RT: 3.05 min Scan# 62

Delta R.T. -0.01 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

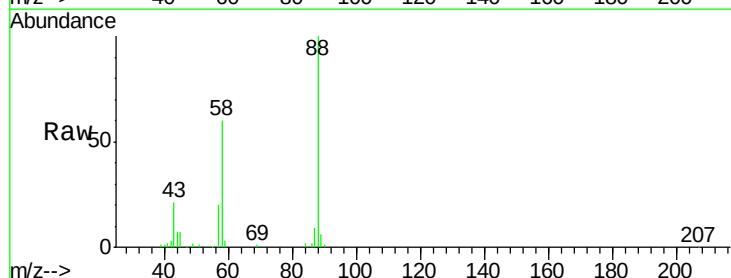
Tgt Ion: 88 Resp: 50311

Ion Ratio Lower Upper

88 100

58 61.1 46.8 70.2

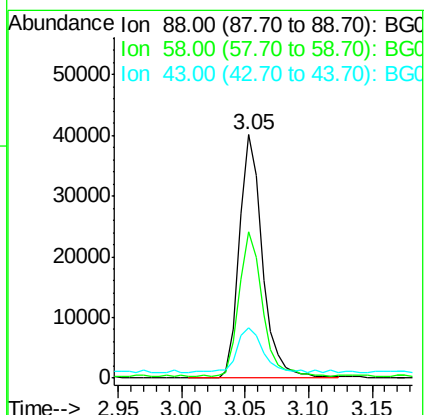
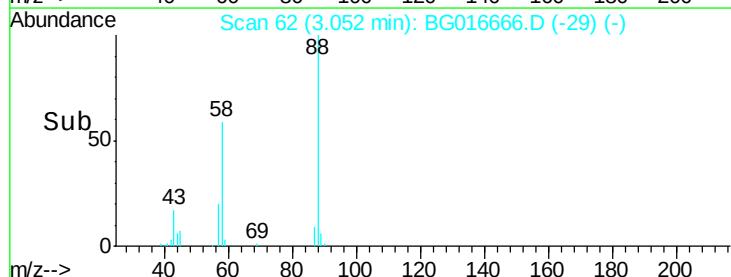
43 22.2 15.8 23.8

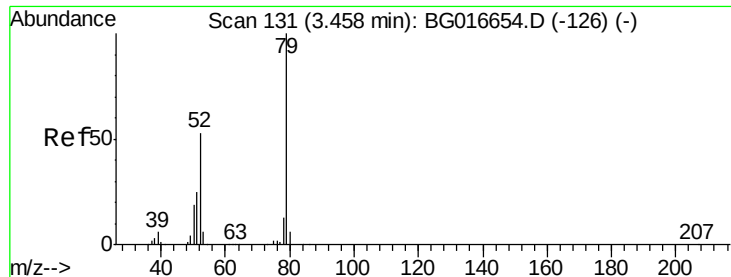


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 29.99 ng

RT: 3.45 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

Instrument :

BNA_G

ClientSampleId :

PB82885BS

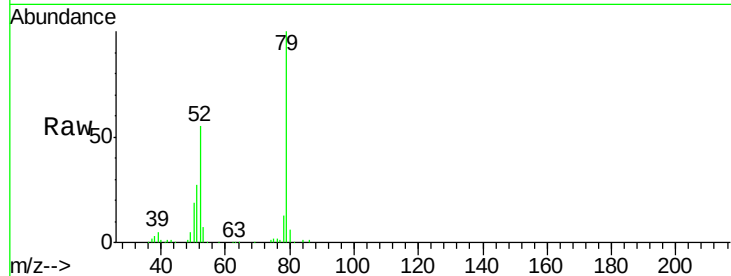
Tgt Ion: 79 Resp: 139435

Ion Ratio Lower Upper

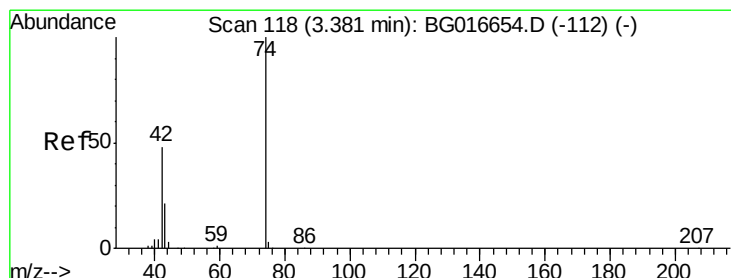
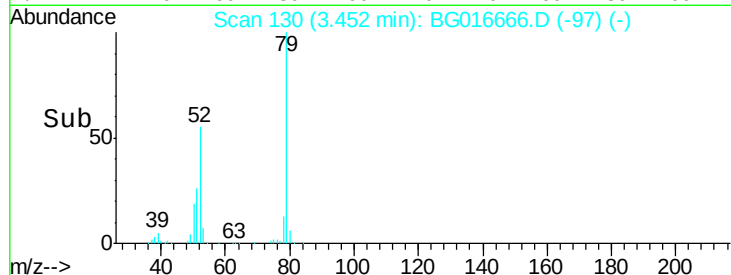
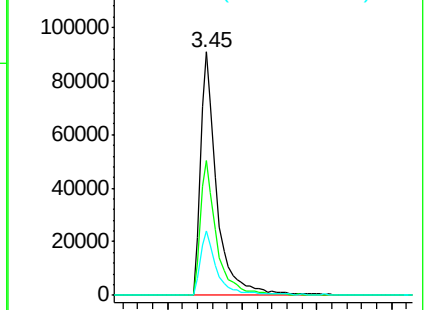
79 100

52 55.3 42.7 64.1

51 26.7 20.5 30.7



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: 33.96 ng

RT: 3.38 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

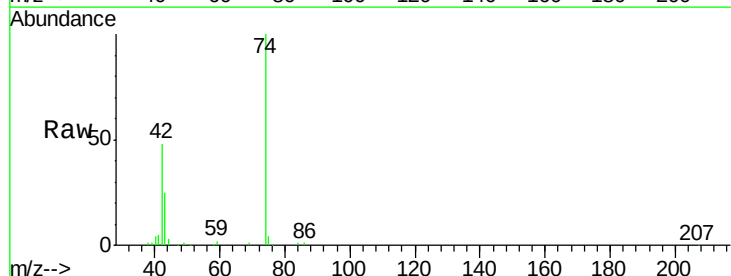
Tgt Ion: 42 Resp: 46588

Ion Ratio Lower Upper

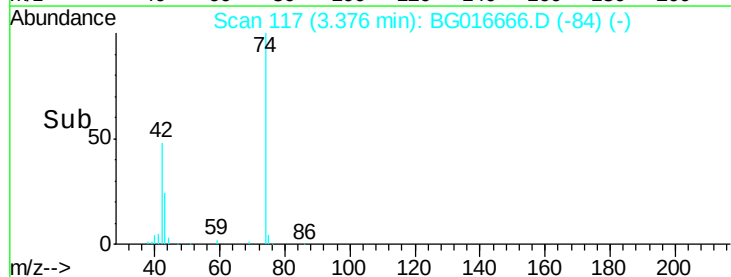
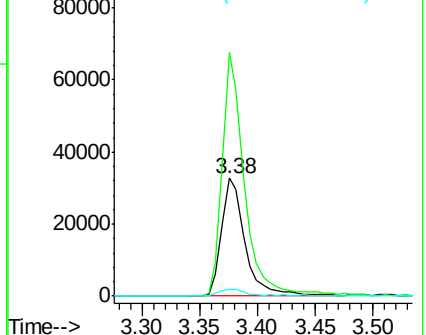
42 100

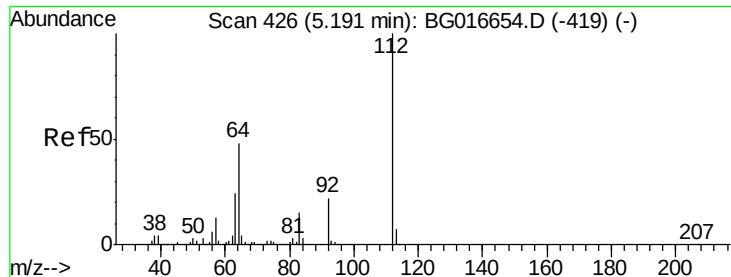
74 207.0 165.6 248.4

44 6.0 5.0 7.6



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: 126.85 ng

RT: 5.19 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

Instrument :

BNA_G

ClientSampleId :

PB82885BS

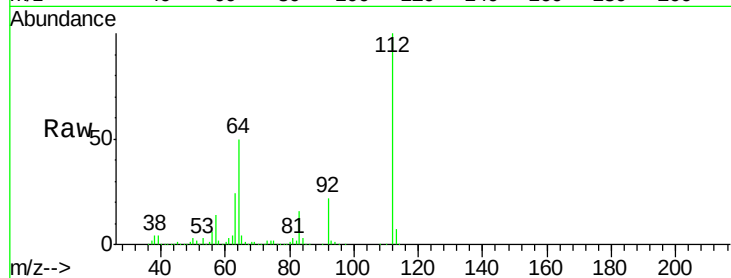
Tgt Ion: 112 Resp: 479531

Ion Ratio Lower Upper

112 100

64 50.5 38.3 57.5

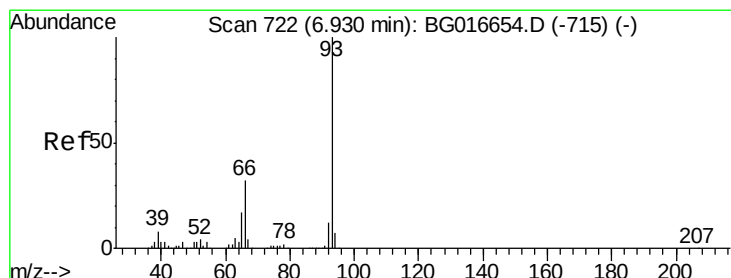
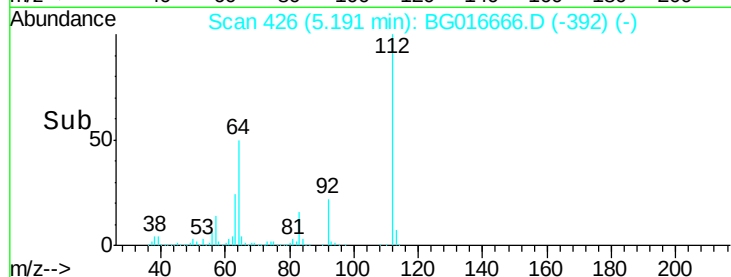
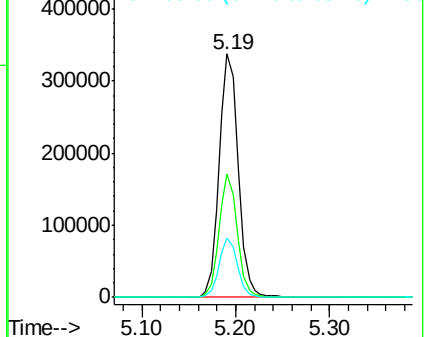
63 24.3 18.9 28.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 24.65 ng

RT: 6.93 min Scan# 722

Delta R.T. 0.00 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

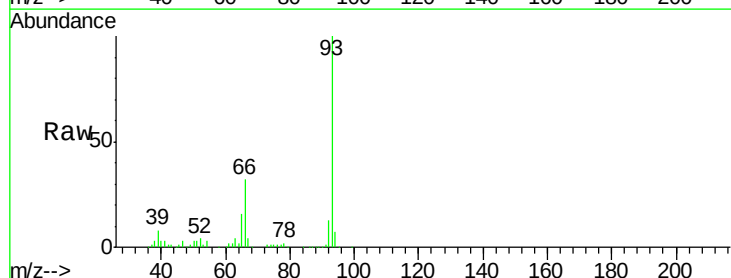
Tgt Ion: 93 Resp: 179269

Ion Ratio Lower Upper

93 100

66 32.2 25.4 38.2

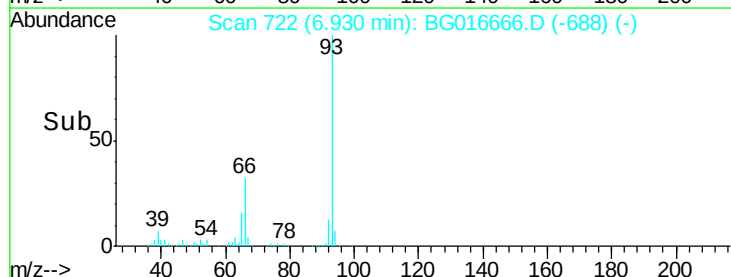
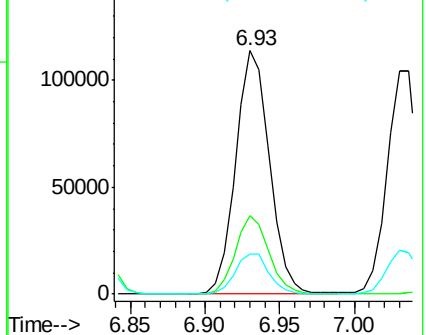
65 16.5 13.8 20.6

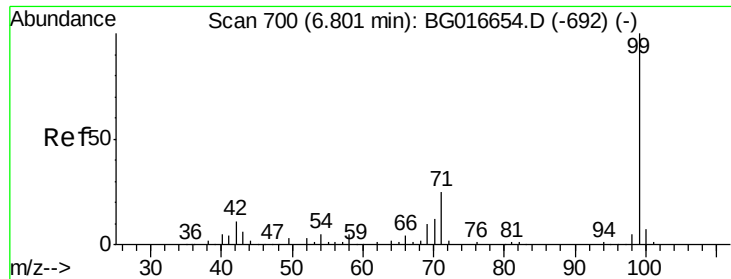


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 125.47 ng

RT: 6.80 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG016666.D

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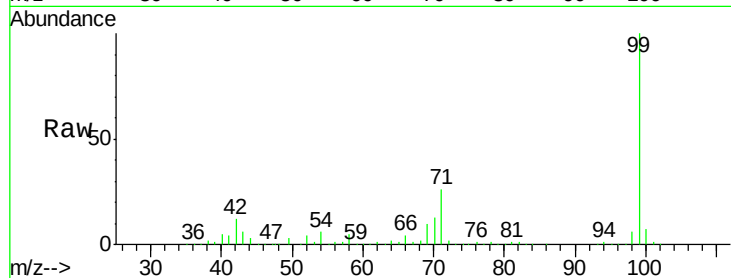
Tgt Ion: 99 Resp: 665418

Ion Ratio Lower Upper

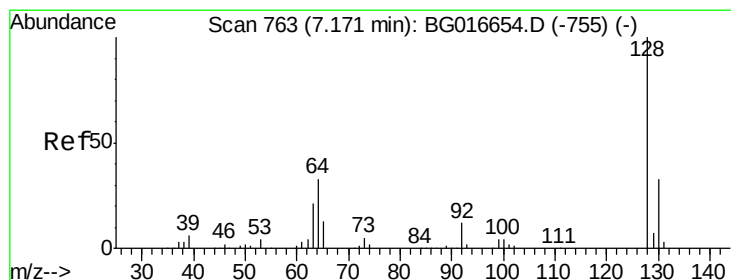
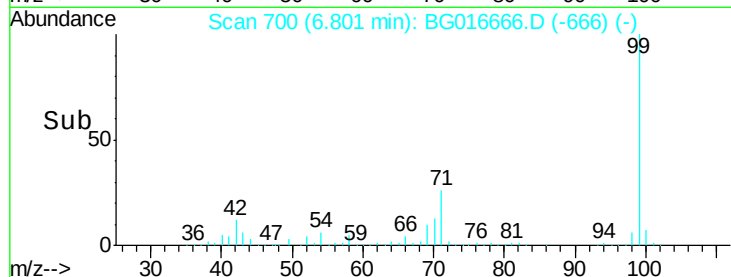
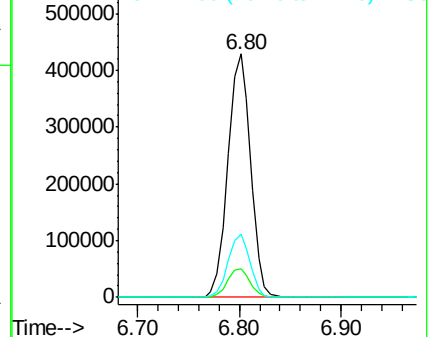
99 100

42 11.6 8.8 13.2

71 25.9 19.9 29.9



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: 38.52 ng

RT: 7.17 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

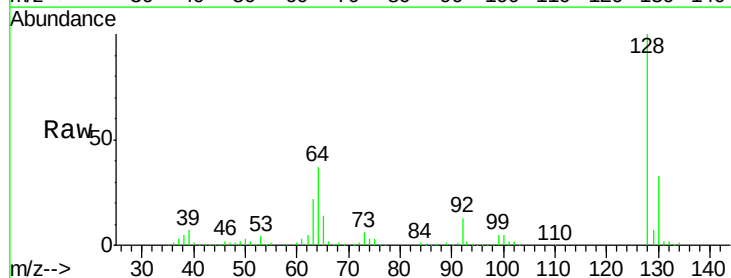
Tgt Ion: 128 Resp: 179996

Ion Ratio Lower Upper

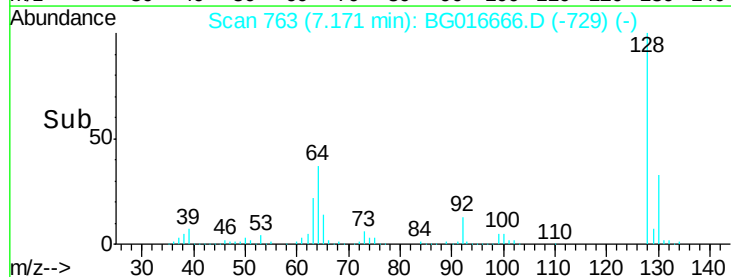
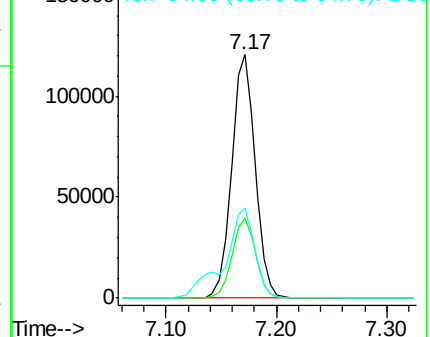
128 100

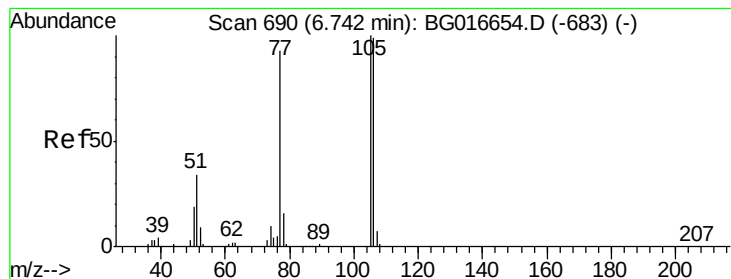
130 32.7 13.5 53.5

64 36.9 15.8 55.8



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: 7.74 ng

RT: 6.74 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

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PB82885BS

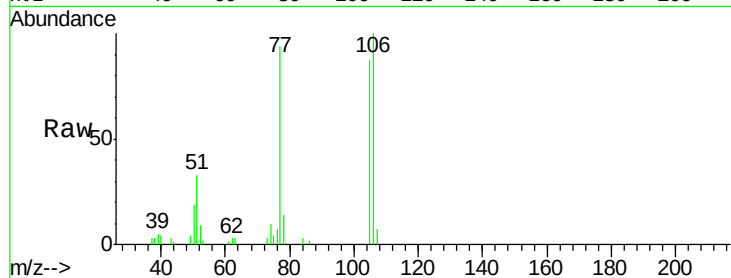
Tgt Ion: 77 Resp: 16764

Ion Ratio Lower Upper

77 100

105 93.0 88.0 128.0

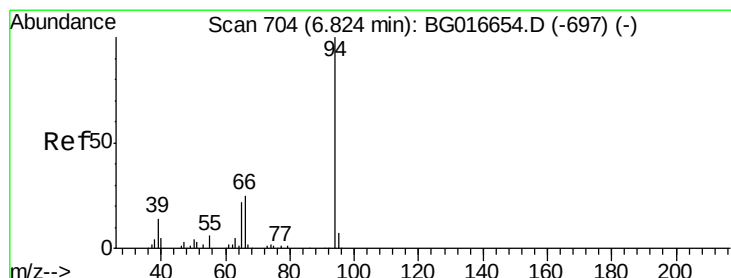
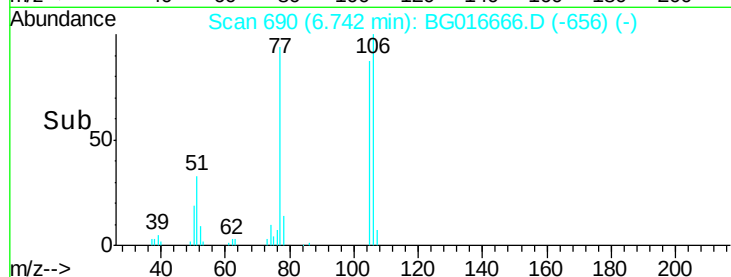
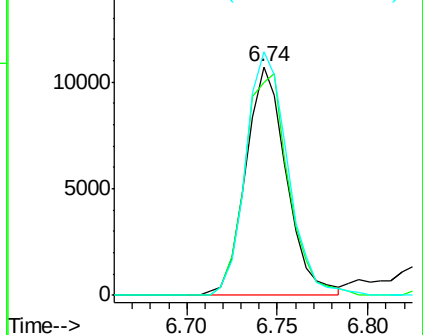
106 106.5 86.6 126.6



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: 40.47 ng

RT: 6.82 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

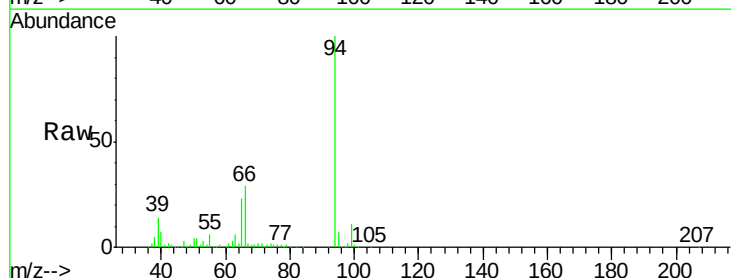
Tgt Ion: 94 Resp: 226253

Ion Ratio Lower Upper

94 100

65 23.3 2.6 42.6

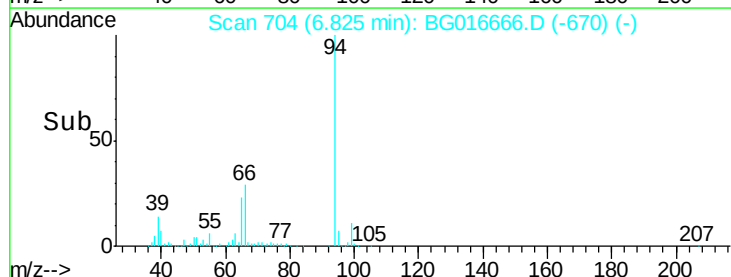
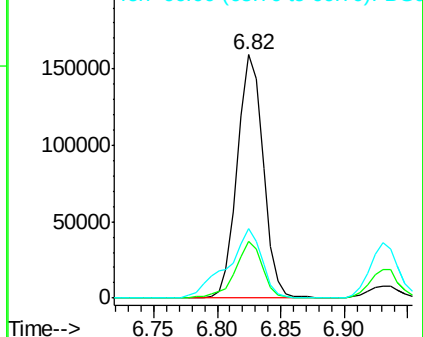
66 28.6 7.0 47.0

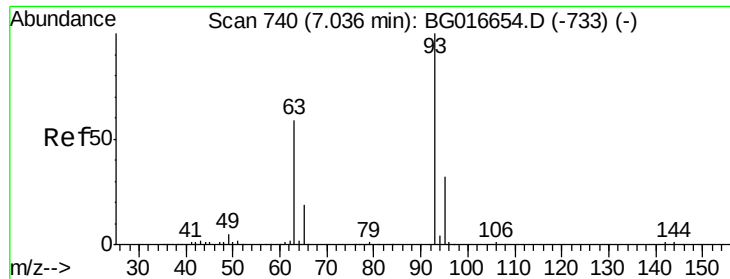


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

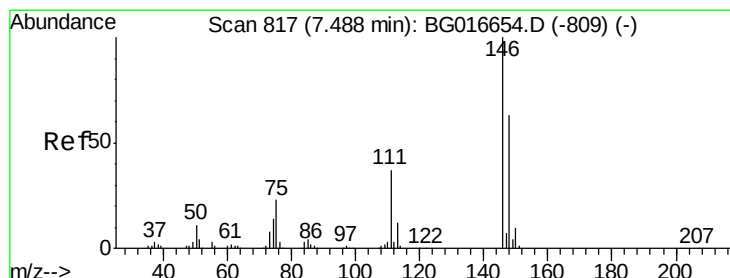
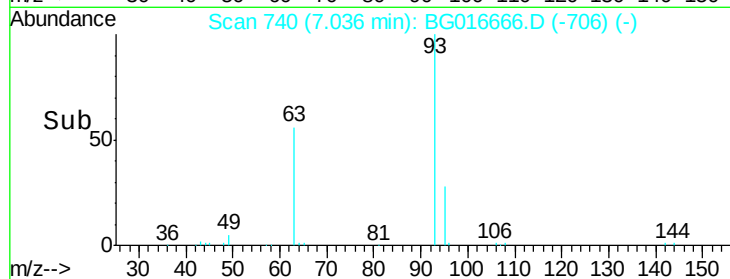
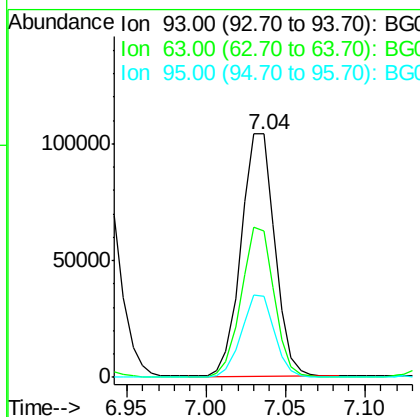
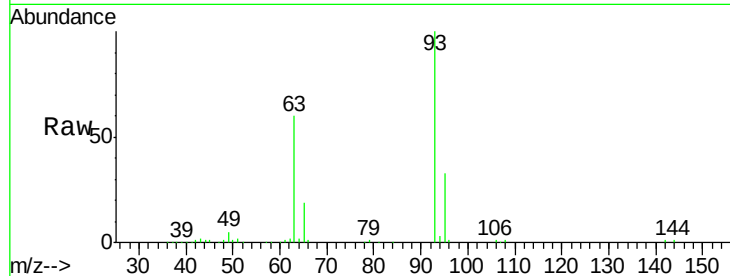




#11
bis(2-Chloroethyl)ether
Concen: 35.11 ng
RT: 7.04 min Scan# 740
Delta R.T. 0.00 min
Lab File: BG016666.D
Acq: 23 Apr 2015 23:12

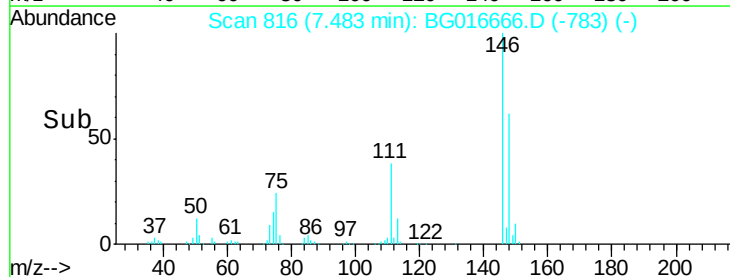
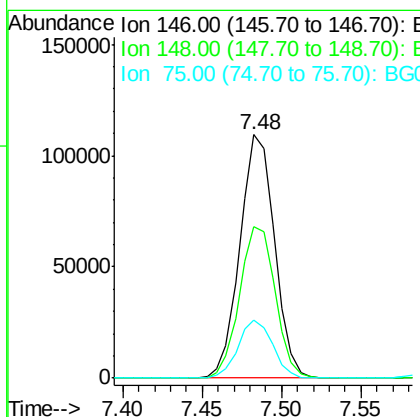
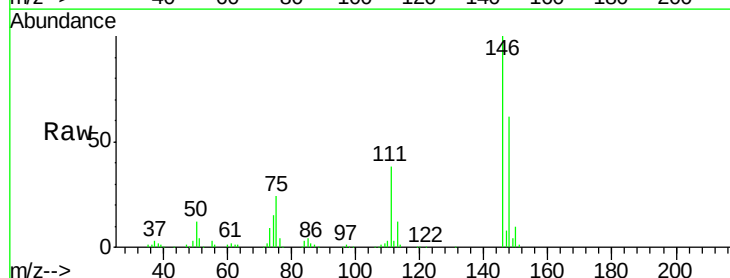
Instrument :
BNA_G
ClientSampleId :
PB82885BS

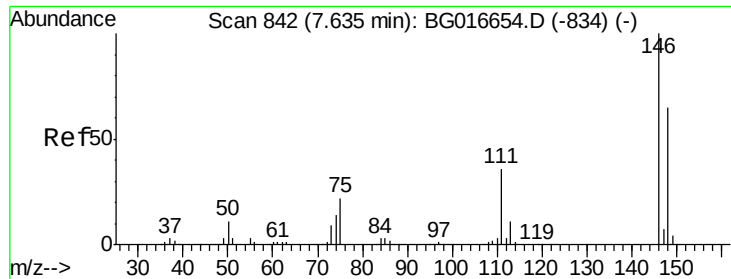
Tgt Ion: 93 Resp: 153180
Ion Ratio Lower Upper
93 100
63 60.3 39.2 79.2
95 33.2 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 34.38 ng
RT: 7.48 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG016666.D
Acq: 23 Apr 2015 23:12

Tgt Ion: 146 Resp: 166118
Ion Ratio Lower Upper
146 100
148 62.4 50.2 75.4
75 23.7 18.4 27.6

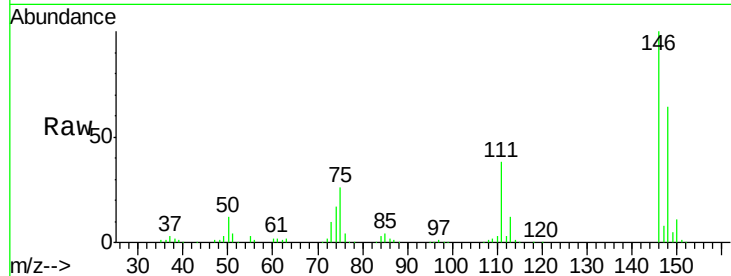




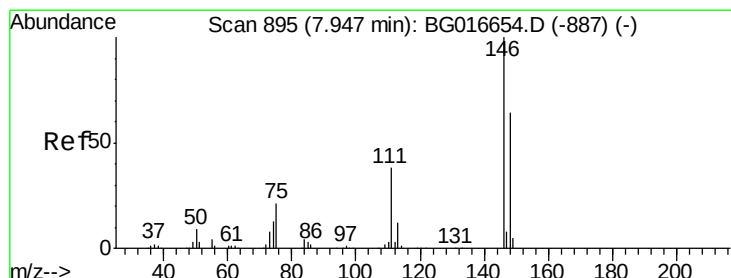
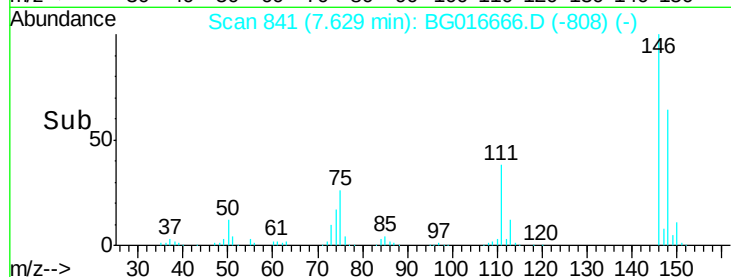
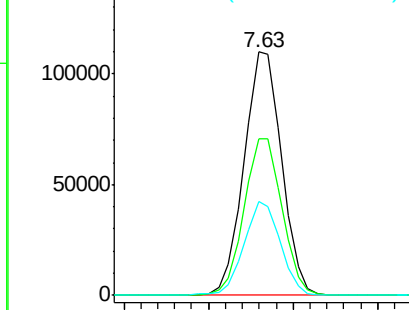
#13
 1,4-Dichlorobenzene
 Concen: 34.49 ng
 RT: 7.63 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG016666.D
 Acq: 23 Apr 2015 23:12

Instrument :
 BNA_G
 ClientSampled :
 PB82885BS

Tgt Ion:146 Resp: 170343
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.6 77.4
 111 38.5 29.0 43.4

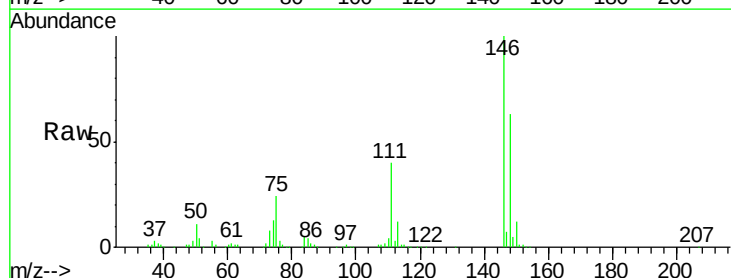


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

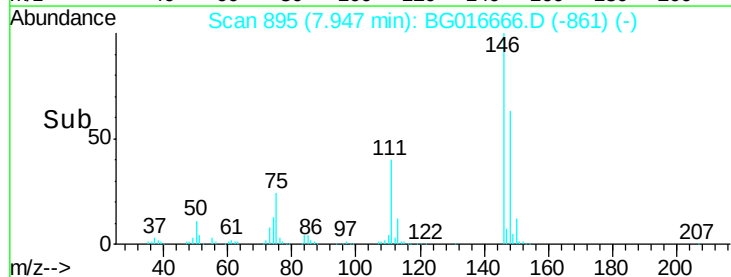
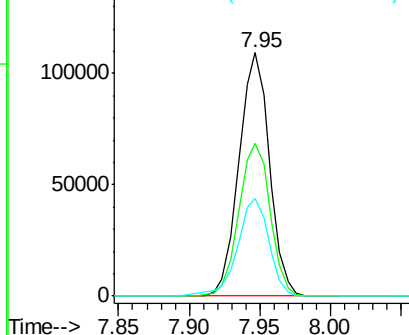


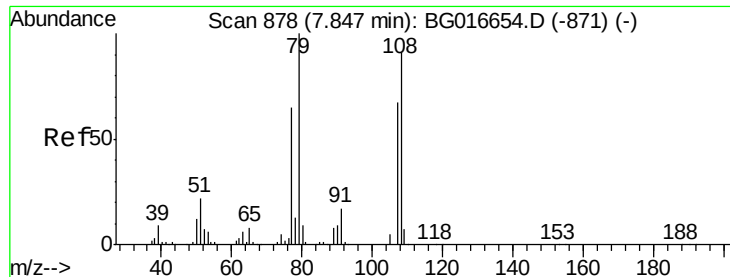
#14
 1,2-Dichlorobenzene
 Concen: 34.90 ng
 RT: 7.95 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BG016666.D
 Acq: 23 Apr 2015 23:12

Tgt Ion:146 Resp: 164545
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.3 76.9
 111 40.3 31.0 46.4



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: 37.73 ng

RT: 7.85 min Scan# 878

Delta R.T. 0.00 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

Instrument :

BNA_G

ClientSampleId :

PB82885BS

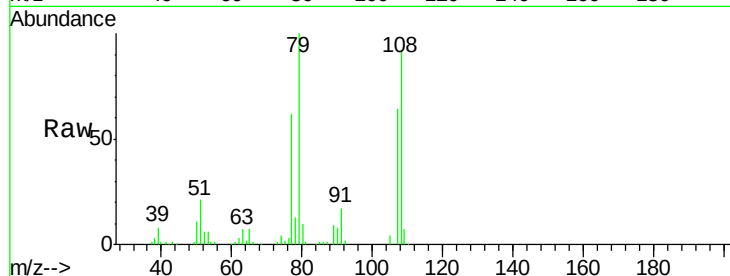
Tgt Ion: 79 Resp: 125568

Ion Ratio Lower Upper

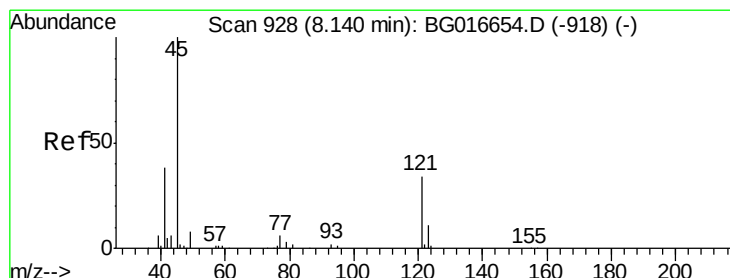
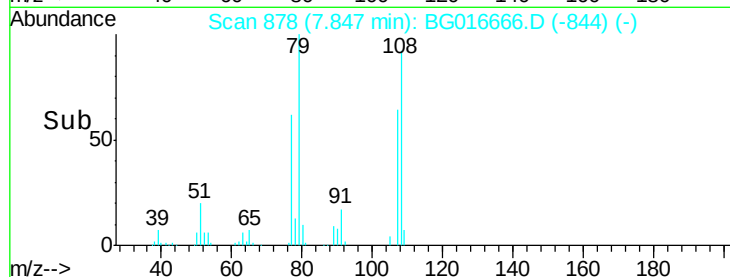
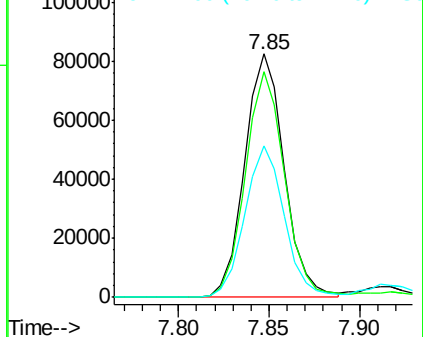
79 100

108 92.5 73.0 109.4

77 62.0 51.8 77.8



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: 37.36 ng

RT: 8.14 min Scan# 928

Delta R.T. 0.00 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

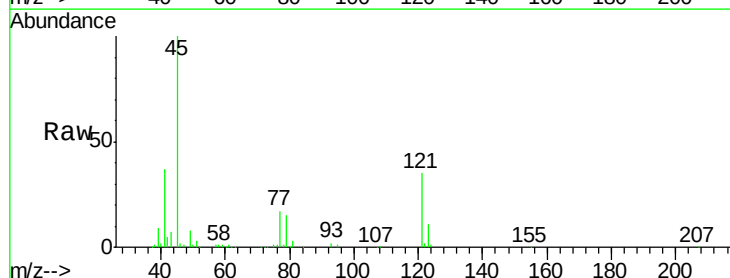
Tgt Ion: 45 Resp: 152571

Ion Ratio Lower Upper

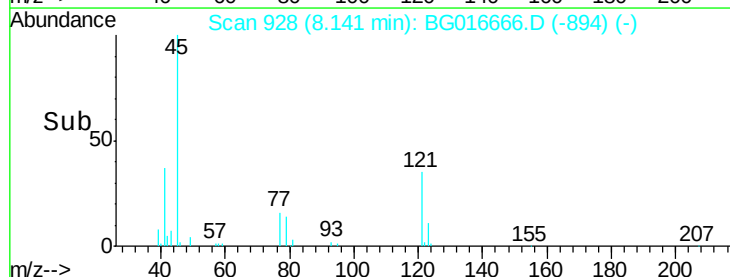
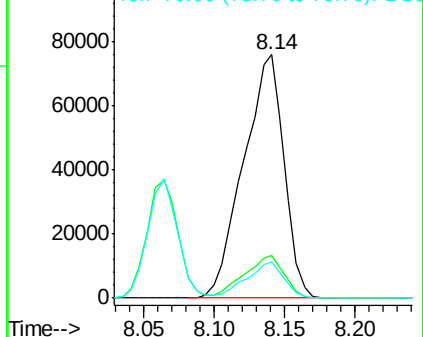
45 100

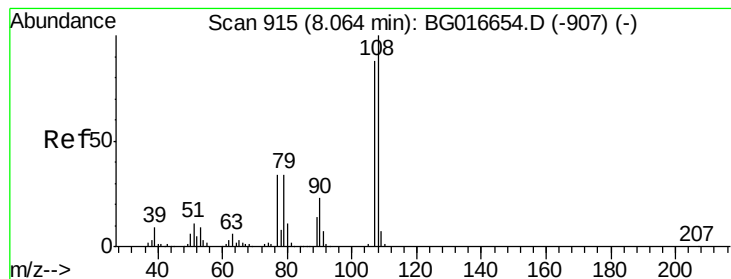
77 17.3 0.0 37.3

79 14.6 0.0 34.7



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: 40.58 ng

RT: 8.06 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

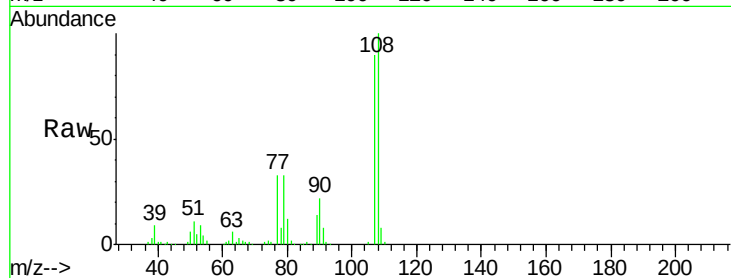
Instrument :

BNA_G

ClientSampleId :

PB82885BS

Tgt Ion:	107	Resp:	151647
Ion	Ratio	Lower	Upper
107	100		
108	110.9	90.6	135.8
77	36.1	31.4	47.0
79	36.5	30.9	46.3

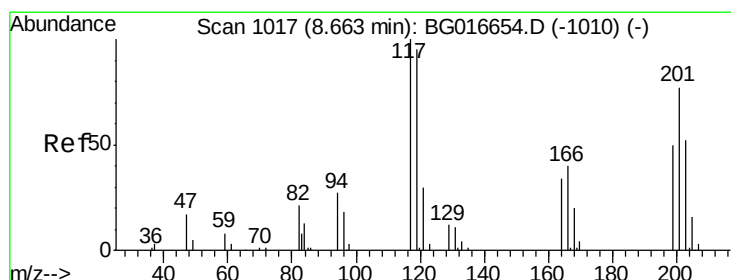
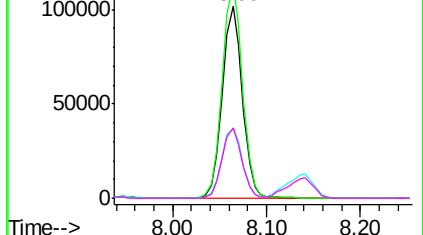
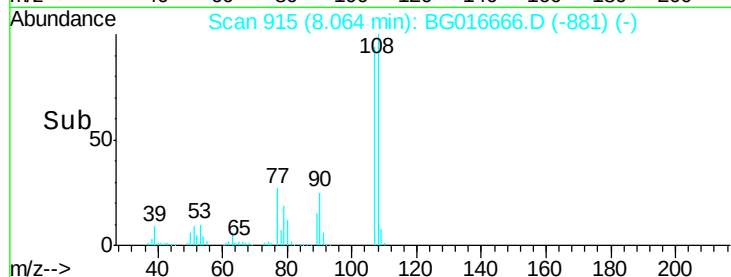


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.24 ng

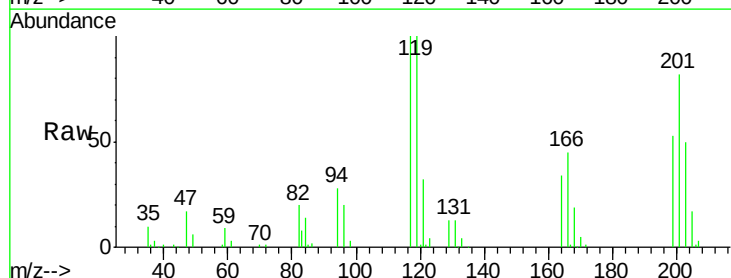
RT: 8.66 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

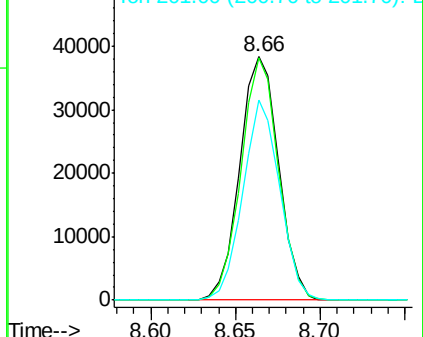
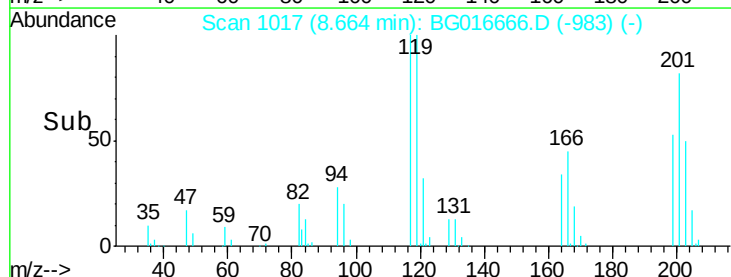
Tgt Ion:	117	Resp:	61373
Ion	Ratio	Lower	Upper
117	100		
119	99.6	76.3	114.5
201	82.1	61.5	92.3

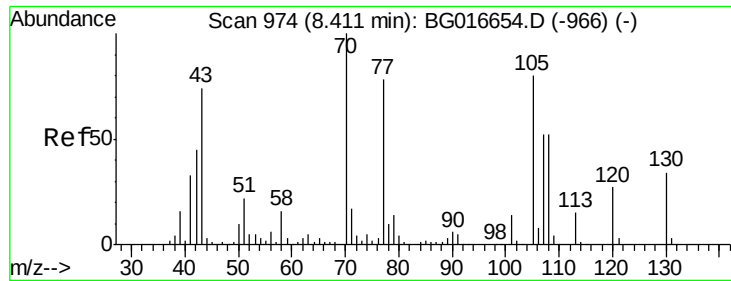


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

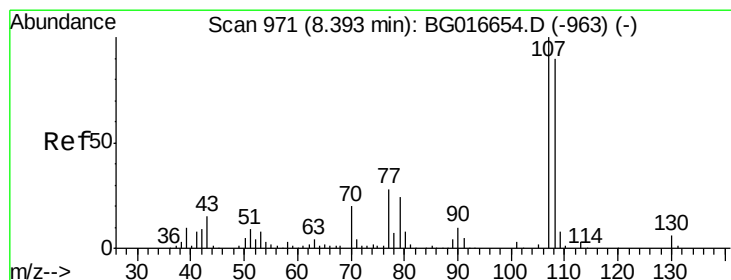
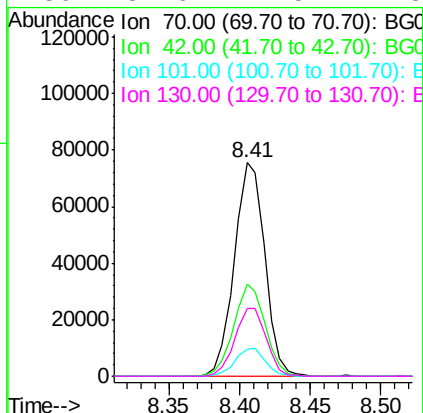
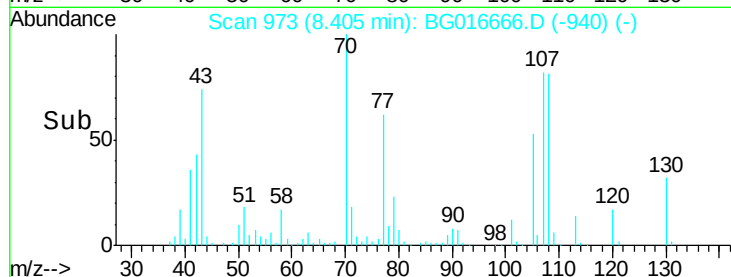
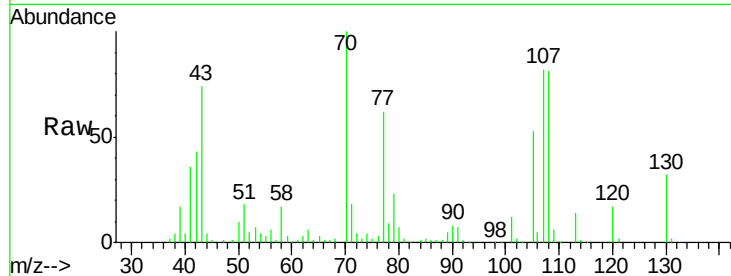




#19
n-Nitroso-di-n-propylamine
Concen: 34.35 ng
RT: 8.41 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG016666.D
Acq: 23 Apr 2015 23:12

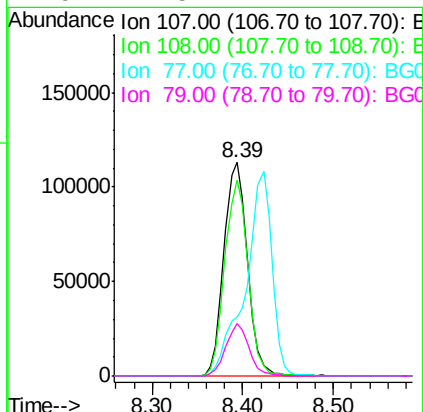
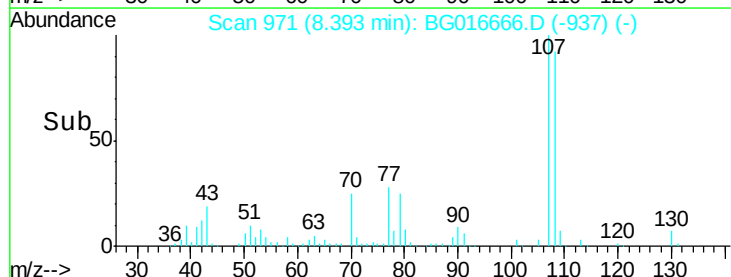
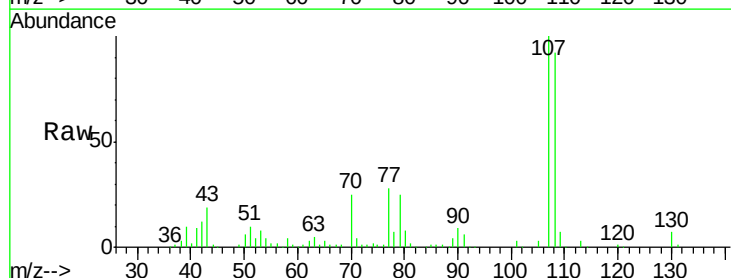
Instrument :
BNA_G
ClientSampleId :
PB82885BS

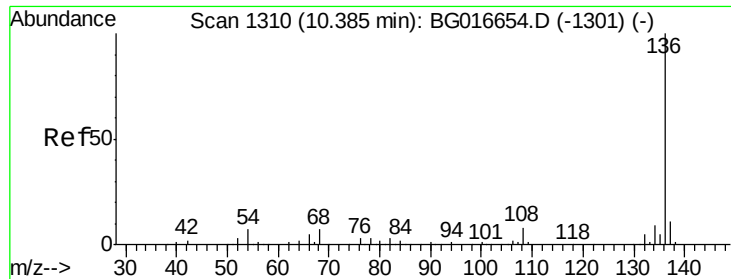
Tgt Ion:	70	Resp:	113564
Ion	Ratio	Lower	Upper
70	100		
42	43.3	35.7	53.5
101	12.4	11.0	16.4
130	31.6	27.5	41.3



#20
3+4-Methylphenols
Concen: 38.86 ng
RT: 8.39 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG016666.D
Acq: 23 Apr 2015 23:12

Tgt Ion:	107	Resp:	204213
Ion	Ratio	Lower	Upper
107	100		
108	91.7	69.5	109.5
77	27.7	8.2	48.2
79	24.5	4.2	44.2

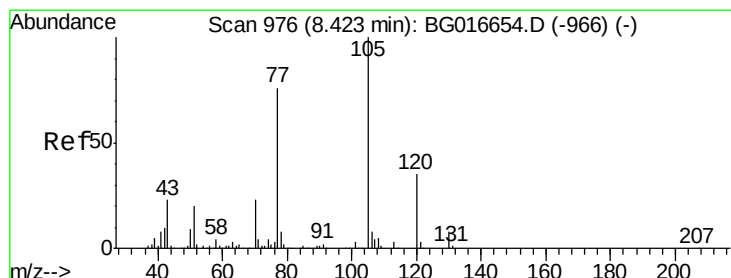
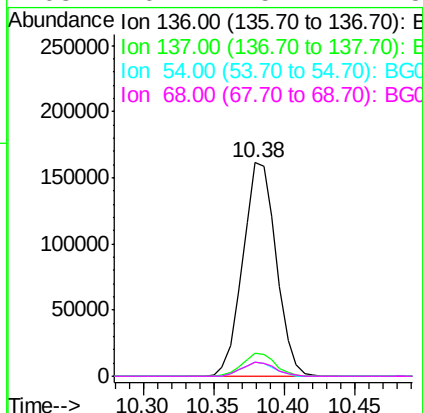
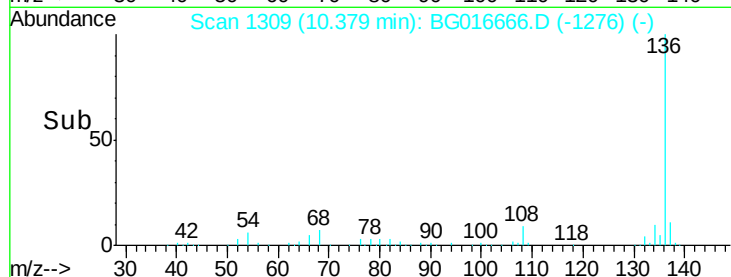
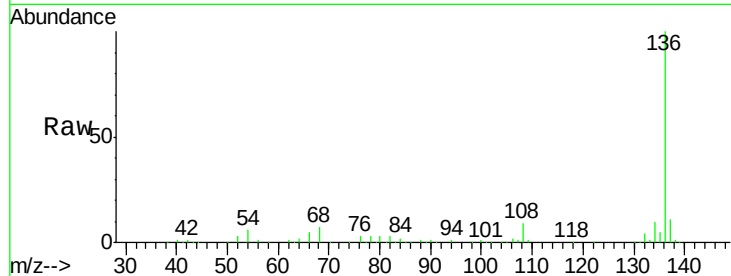




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.38 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG016666.D
Acq: 23 Apr 2015 23:12

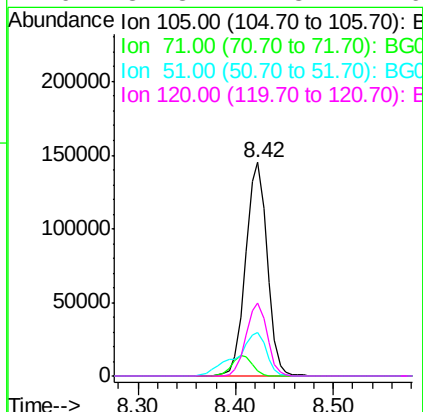
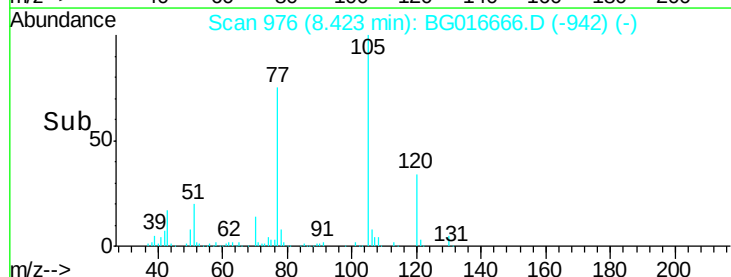
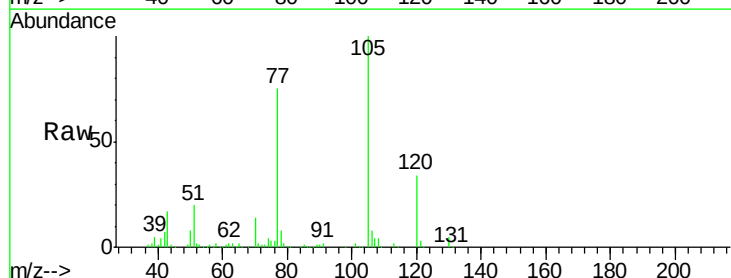
Instrument :
BNA_G
ClientSampleId :
PB82885BS

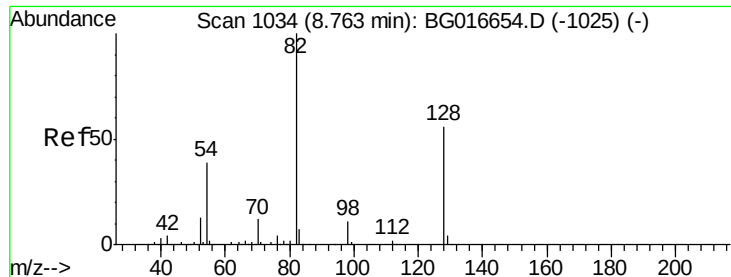
Tgt Ion:	136	Resp:	267254
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.5	5.4	8.2
68	6.7	5.2	7.8



#22
Acetophenone
Concen: 38.26 ng
RT: 8.42 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG016666.D
Acq: 23 Apr 2015 23:12

Tgt Ion:	105	Resp:	224427
Ion	Ratio	Lower	Upper
105	100		
71	2.3	3.0	4.4#
51	20.3	16.5	24.7
120	34.3	27.8	41.6

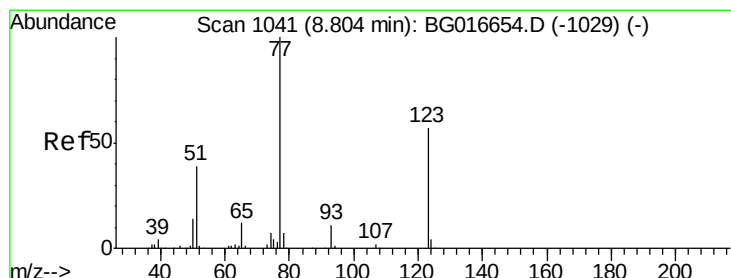
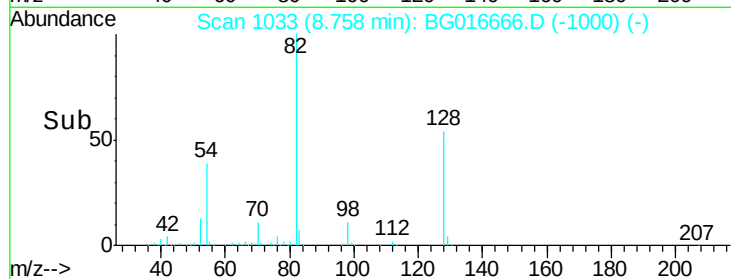
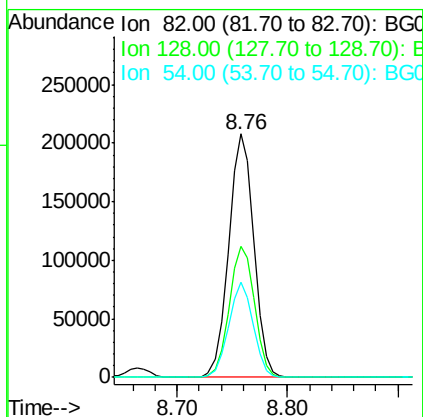
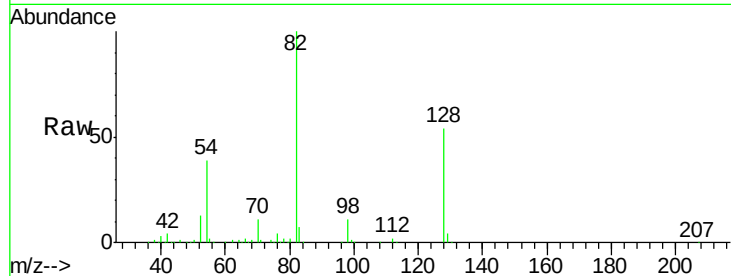




#23
 Nitrobenzene-d5
 Concen: 78.18 ng
 RT: 8.76 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG016666.D
 Acq: 23 Apr 2015 23:12

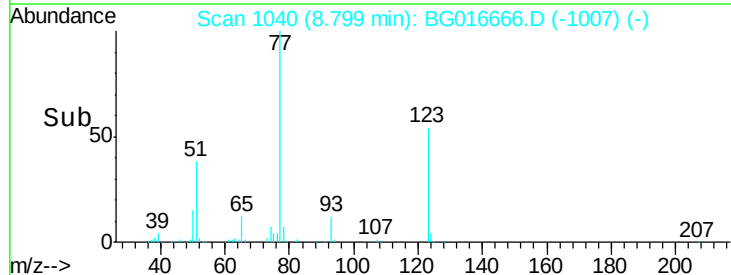
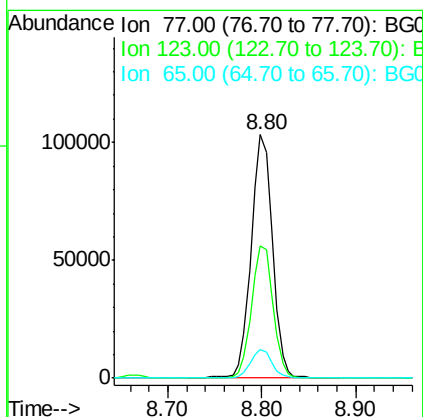
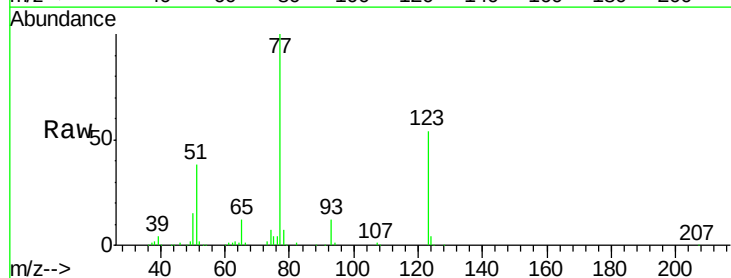
Instrument :
 BNA_G
 ClientSampleId :
 PB82885BS

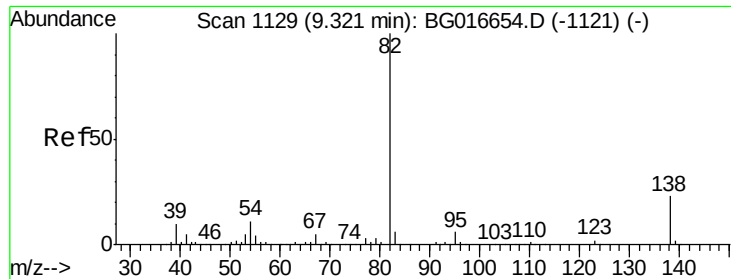
Tgt Ion: 82 Resp: 330660
 Ion Ratio Lower Upper
 82 100
 128 53.6 44.7 67.1
 54 38.9 30.9 46.3



#24
 Nitrobenzene
 Concen: 36.71 ng
 RT: 8.80 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG016666.D
 Acq: 23 Apr 2015 23:12

Tgt Ion: 77 Resp: 163053
 Ion Ratio Lower Upper
 77 100
 123 54.5 45.6 68.4
 65 11.5 9.4 14.2





#25

Isophorone

Concen: 35.65 ng

RT: 9.32 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

Instrument :

BNA_G

ClientSampled :

PB82885BS

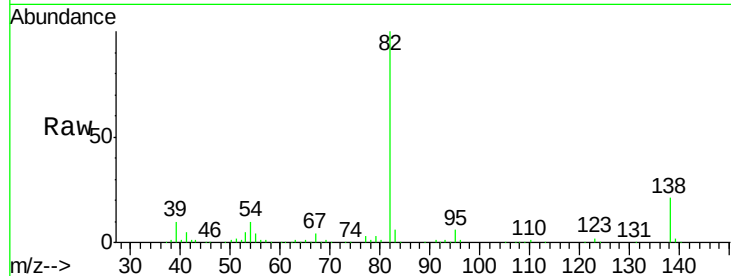
Tgt Ion: 82 Resp: 312493

Ion Ratio Lower Upper

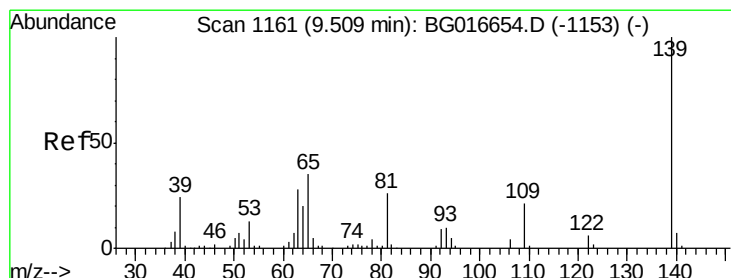
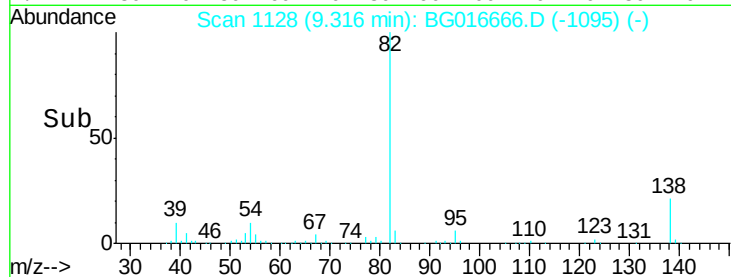
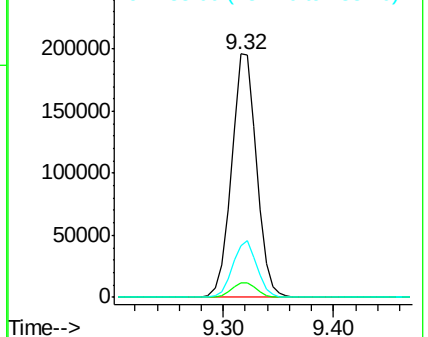
82 100

95 5.8 5.0 7.6

138 21.3 18.2 27.2



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: 37.46 ng

RT: 9.51 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

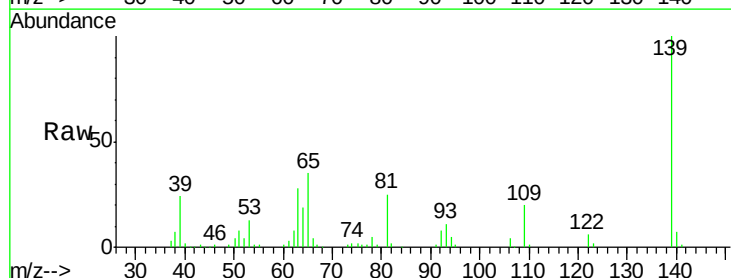
Tgt Ion: 139 Resp: 96539

Ion Ratio Lower Upper

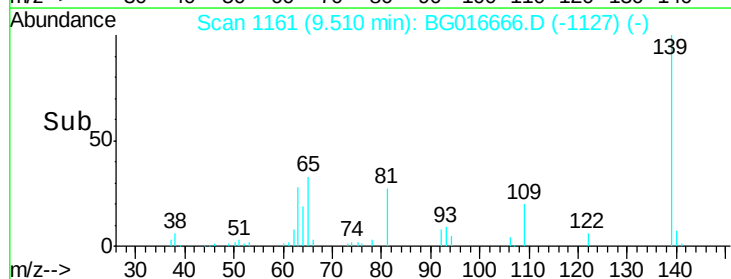
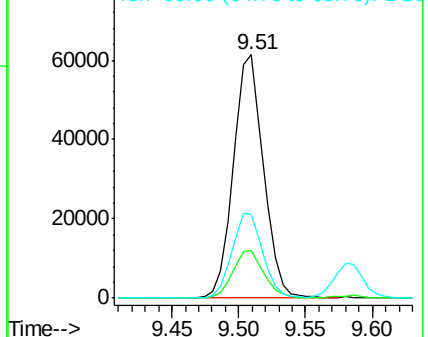
139 100

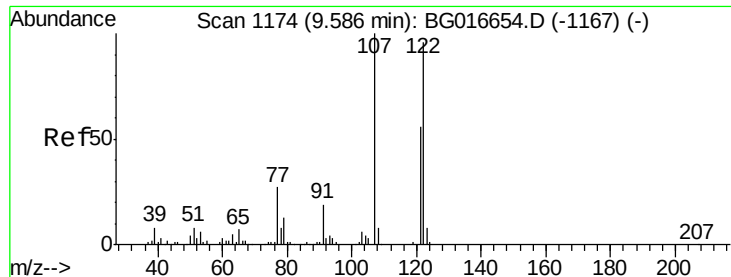
109 19.6 17.0 25.6

65 34.5 28.2 42.4



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

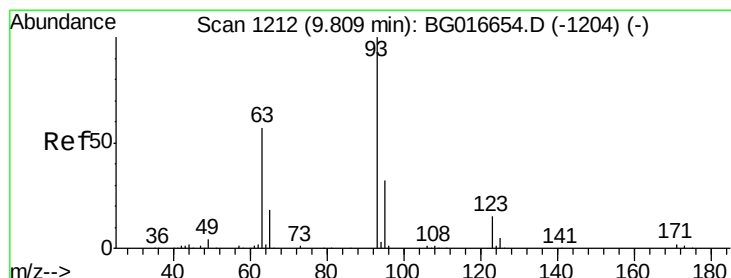
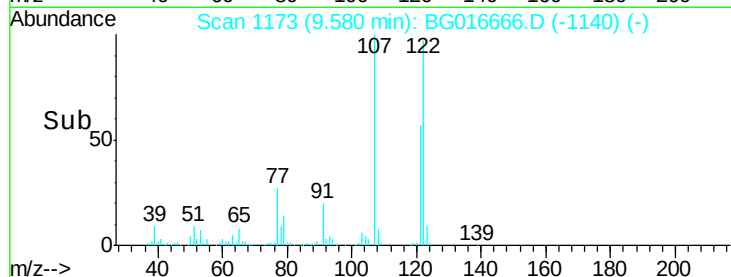
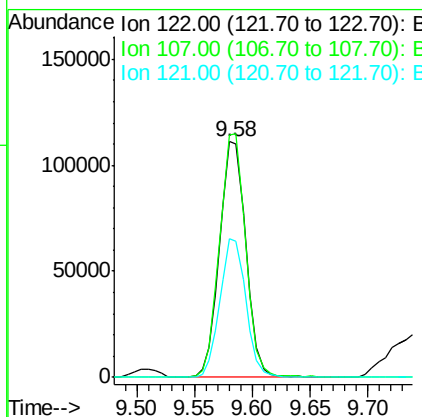
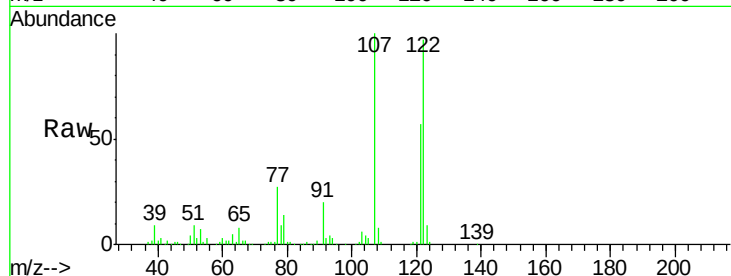




#27
 2,4-Dimethylphenol
 Concen: 40.98 ng
 RT: 9.58 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BG016666.D
 Acq: 23 Apr 2015 23:12

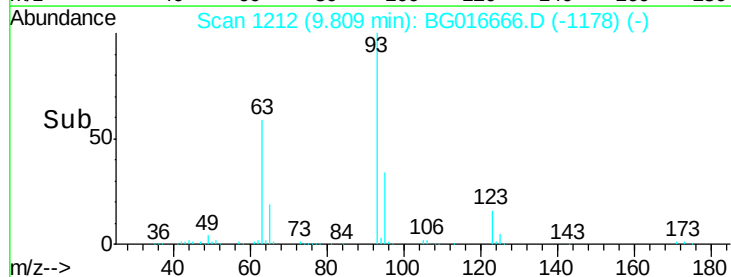
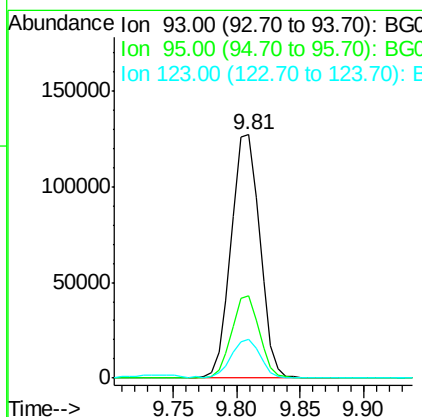
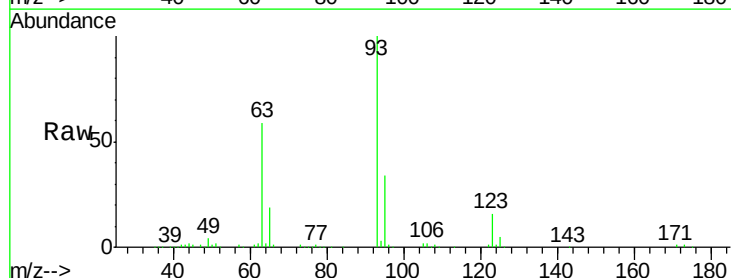
Instrument :
 BNA_G
 ClientSampleId :
 PB82885BS

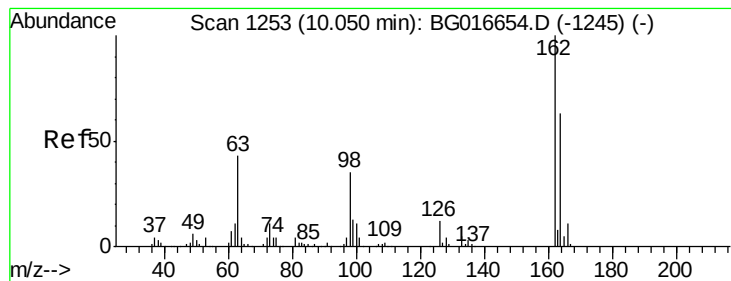
Tgt Ion	Ratio	Lower	Upper
122	100		
107	102.6	83.6	125.4
121	58.8	46.8	70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.64 ng
 RT: 9.81 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BG016666.D
 Acq: 23 Apr 2015 23:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	25.4	38.2
123	16.0	12.2	18.4





#29

2,4-Dichlorophenol

Concen: 41.86 ng

RT: 10.05 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

Instrument :

BNA_G

ClientSampleId :

PB82885BS

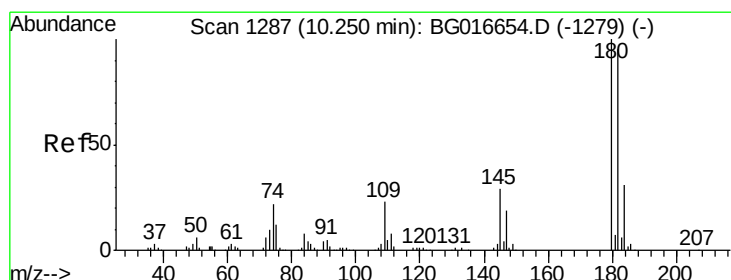
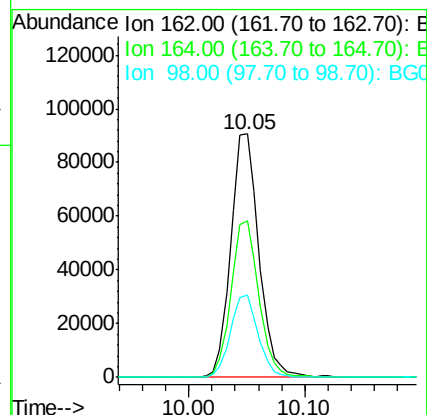
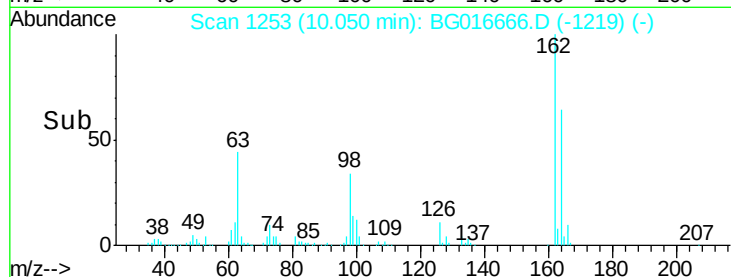
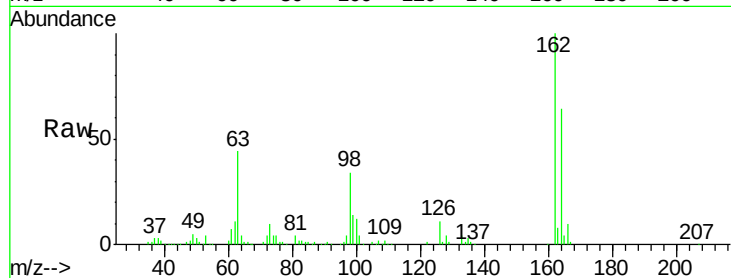
Tgt Ion:162 Resp: 153146

Ion Ratio Lower Upper

162 100

164 64.3 42.9 82.9

98 33.9 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 36.63 ng

RT: 10.25 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

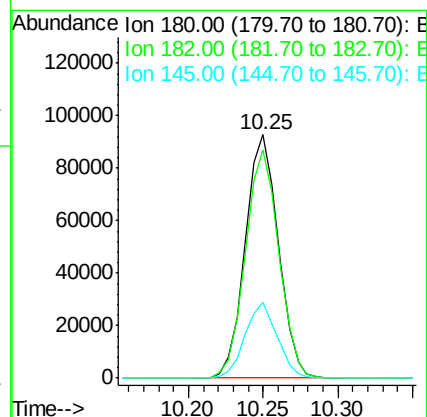
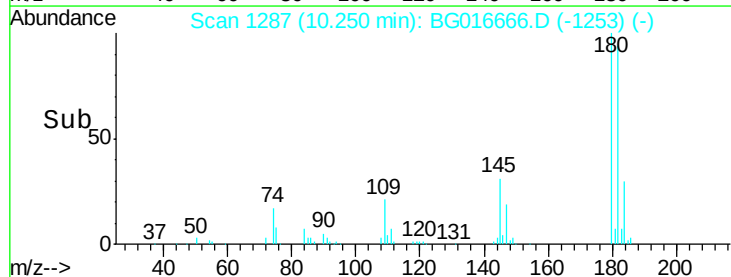
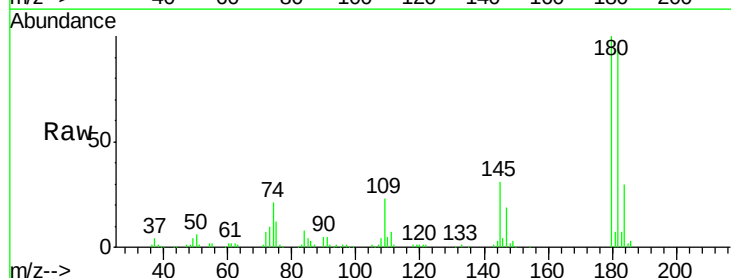
Tgt Ion:180 Resp: 142032

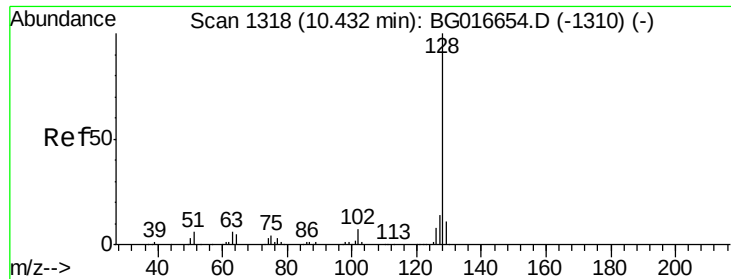
Ion Ratio Lower Upper

180 100

182 93.7 76.2 114.4

145 31.0 23.2 34.8

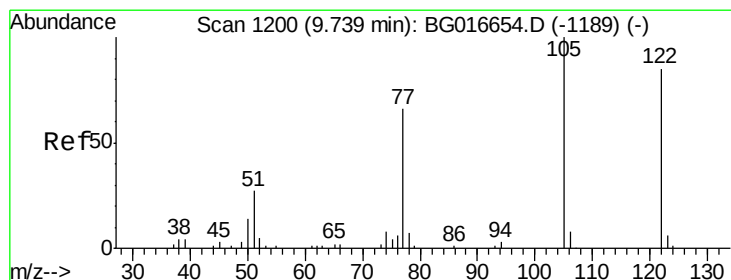
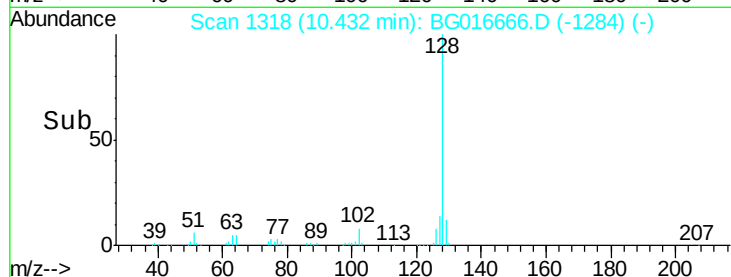
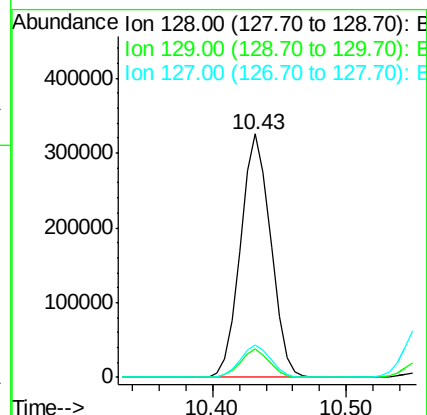
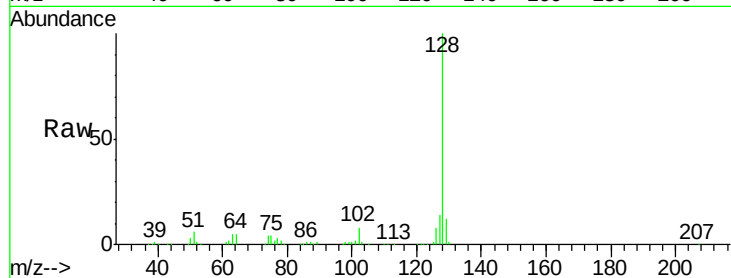




#31
Naphthalene
Concen: 36.17 ng
RT: 10.43 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG016666.D
Acq: 23 Apr 2015 23:12

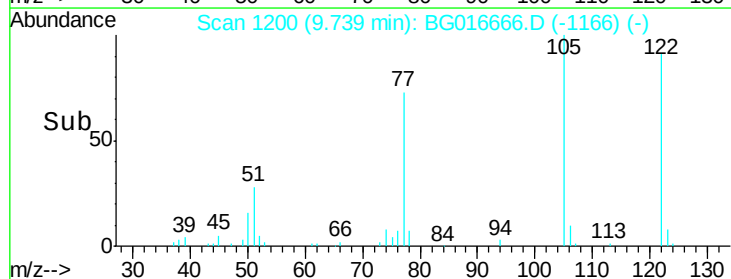
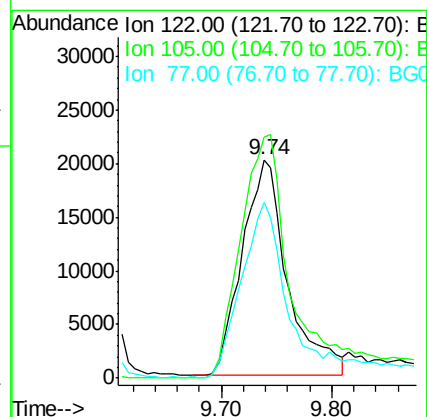
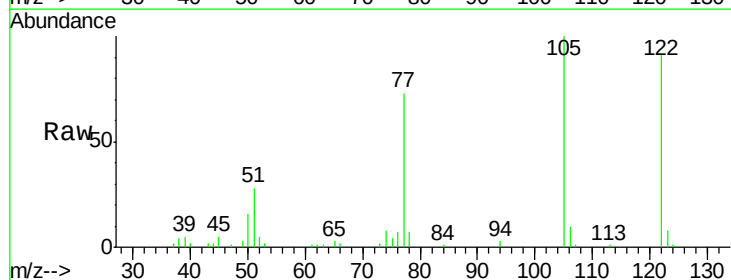
Instrument :
BNA_G
ClientSampleId :
PB82885BS

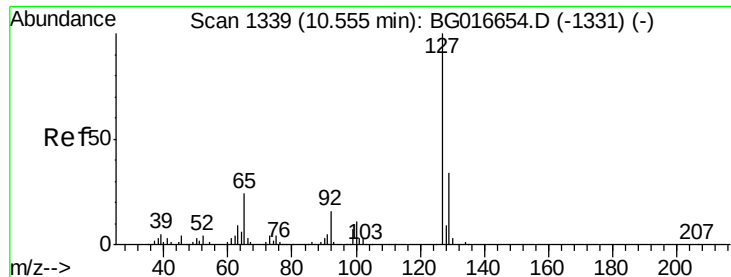
Tgt Ion:128 Resp: 509708
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.5 11.1 16.7



#32
Benzoic acid
Concen: 29.20 ng
RT: 9.74 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG016666.D
Acq: 23 Apr 2015 23:12

Tgt Ion:122 Resp: 58194
Ion Ratio Lower Upper
122 100
105 110.2 97.2 137.2
77 80.2 58.4 98.4

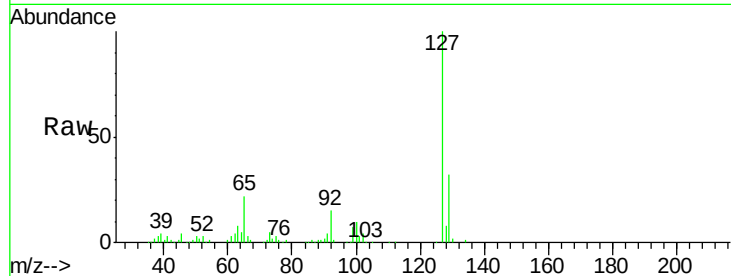




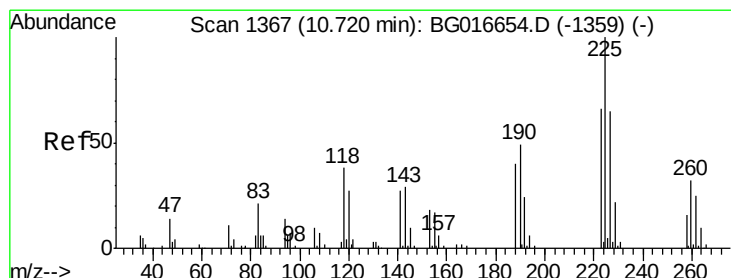
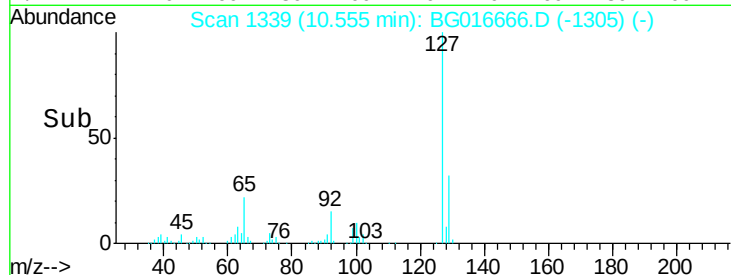
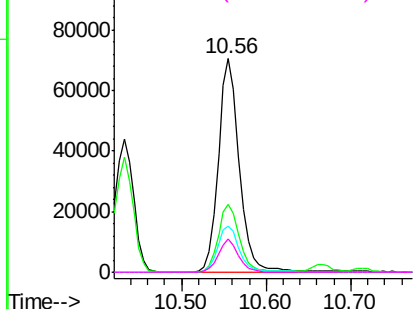
#33
4-Chloroaniline
Concen: 18.94 ng
RT: 10.56 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG016666.D
Acq: 23 Apr 2015 23:12

Instrument :
BNA_G
ClientSampleId :
PB82885BS

Tgt Ion:	127	Resp:	122961
Ion	Ratio	Lower	Upper
127	100		
129	31.9	27.4	41.2
65	21.7	19.1	28.7
92	15.5	12.6	18.8

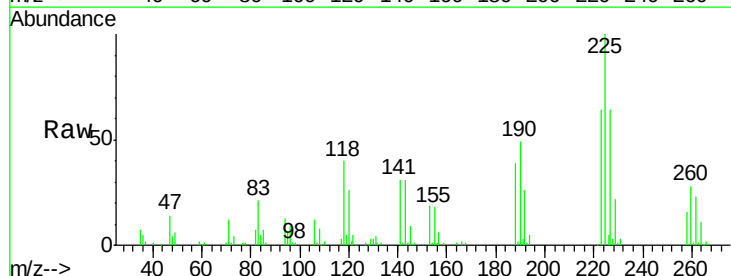


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

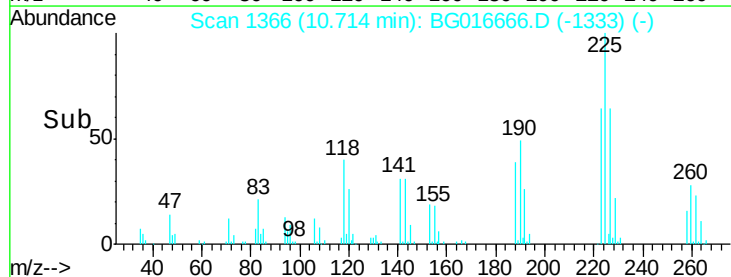
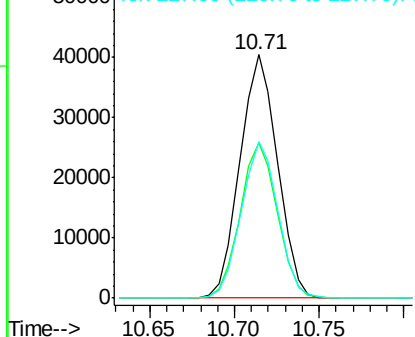


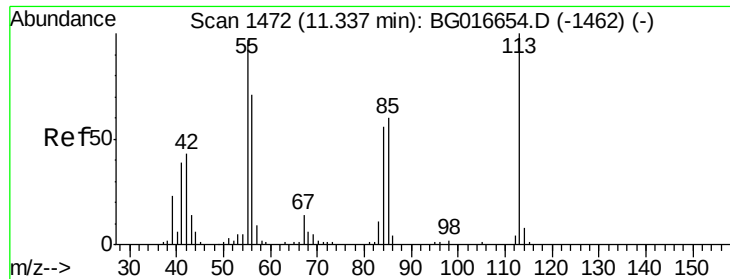
#34
Hexachlorobutadiene
Concen: 36.07 ng
RT: 10.71 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG016666.D
Acq: 23 Apr 2015 23:12

Tgt Ion:	225	Resp:	62458
Ion	Ratio	Lower	Upper
225	100		
223	63.6	52.6	79.0
227	64.3	52.0	78.0



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: 19.07 ng

RT: 11.33 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

Instrument :

BNA_G

ClientSampleId :

PB82885BS

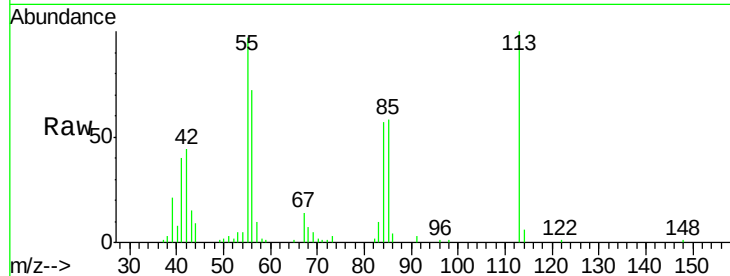
Tgt Ion:113 Resp: 37610

Ion Ratio Lower Upper

113 100

55 97.4 77.1 117.1

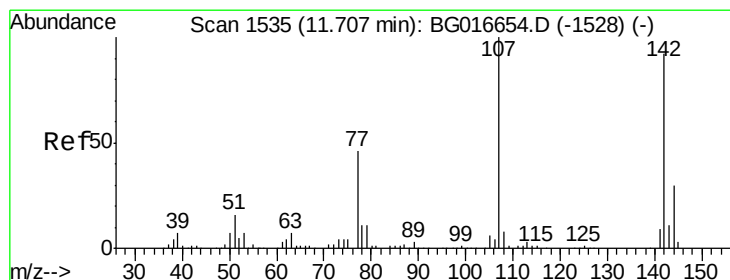
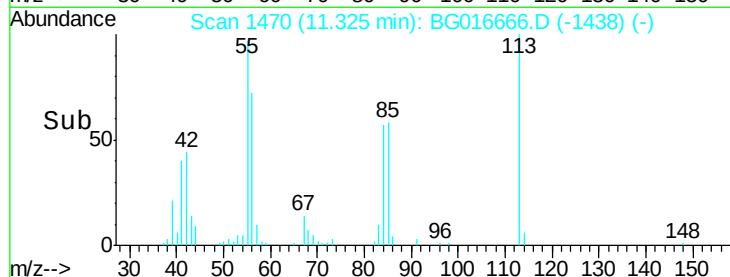
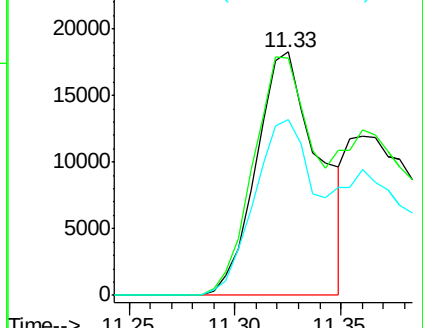
56 72.3 51.4 91.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG016666.D

Ion 56.00 (55.70 to 56.70): BG016666.D



#36

4-Chloro-3-methylphenol

Concen: 39.52 ng

RT: 11.71 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

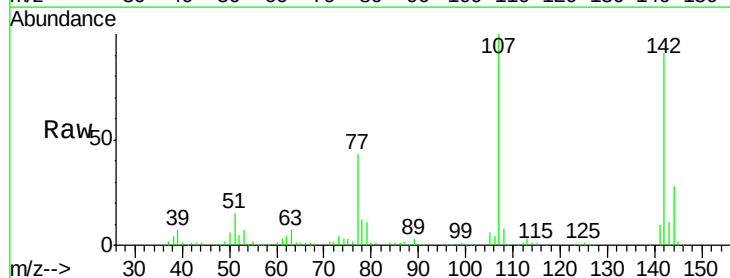
Tgt Ion:107 Resp: 168129

Ion Ratio Lower Upper

107 100

144 27.9 24.2 36.4

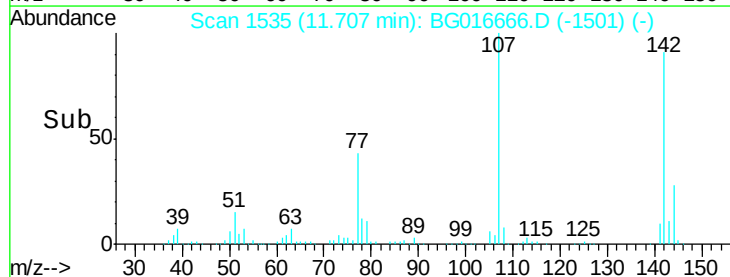
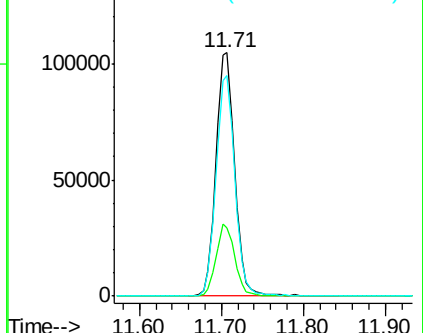
142 90.6 73.8 110.6

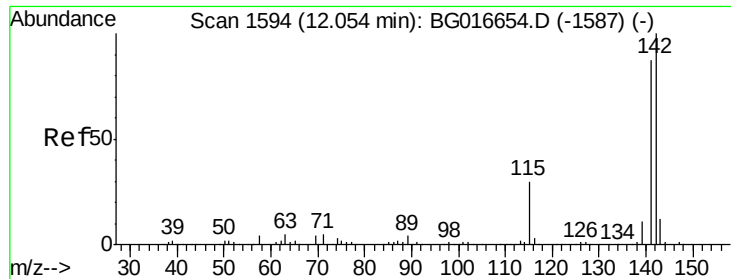


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

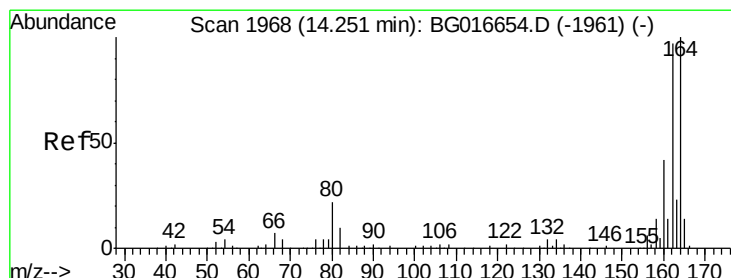
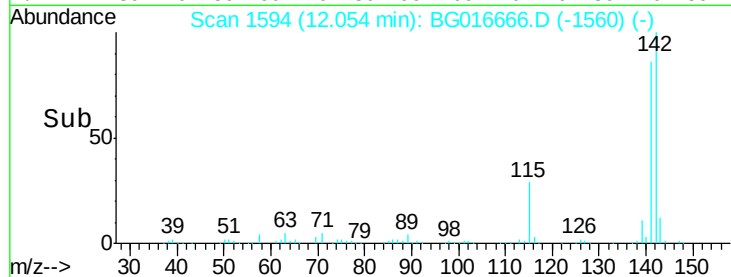
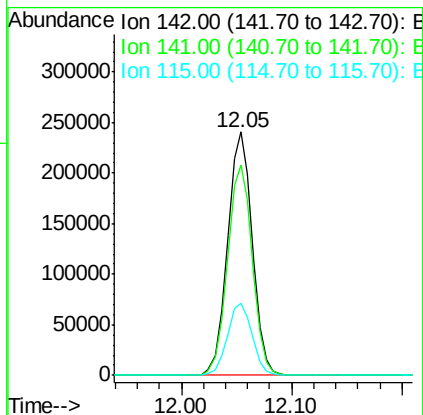
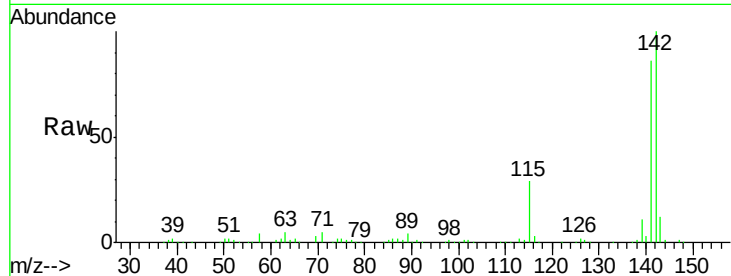




#37
 2-Methylnaphthalene
 Concen: 37.02 ng
 RT: 12.05 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: BG016666.D
 Acq: 23 Apr 2015 23:12

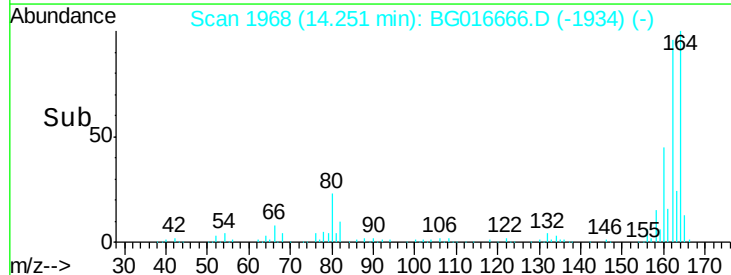
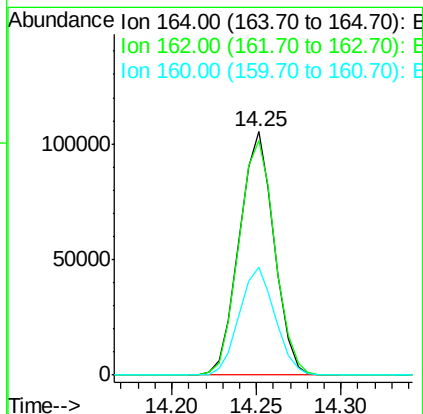
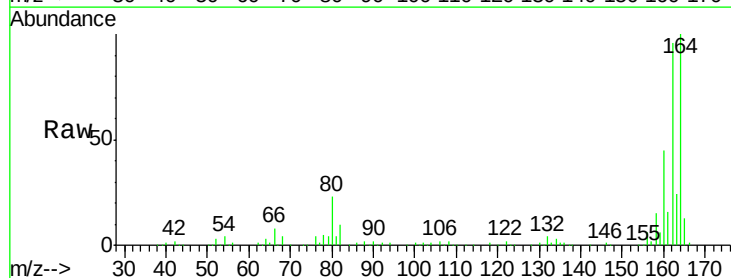
Instrument :
 BNA_G
 ClientSampleId :
 PB82885BS

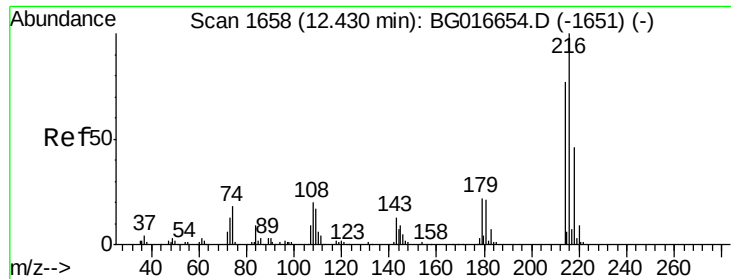
Tgt Ion:142 Resp: 376788
 Ion Ratio Lower Upper
 142 100
 141 86.4 69.9 104.9
 115 29.4 24.0 36.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.25 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: BG016666.D
 Acq: 23 Apr 2015 23:12

Tgt Ion:164 Resp: 150777
 Ion Ratio Lower Upper
 164 100
 162 96.1 77.3 115.9
 160 44.6 33.7 50.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.35 ng

RT: 12.43 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

Instrument :

BNA_G

ClientSampleId :

PB82885BS

Tgt Ion:216 Resp: 134164

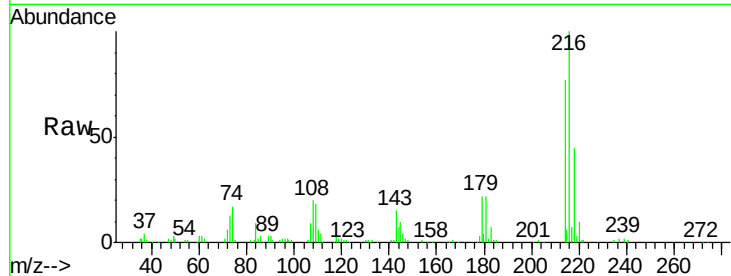
Ion Ratio Lower Upper

216 100

214 78.3 63.8 95.8

179 22.9 17.6 26.4

108 24.5 18.1 27.1

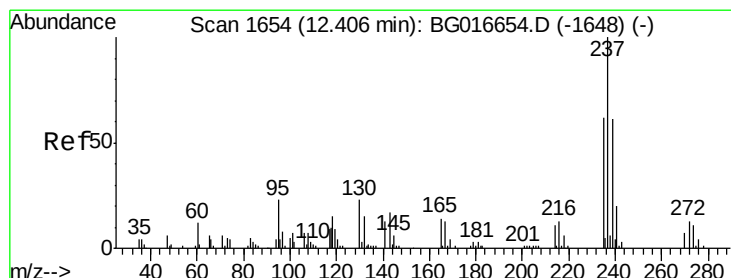
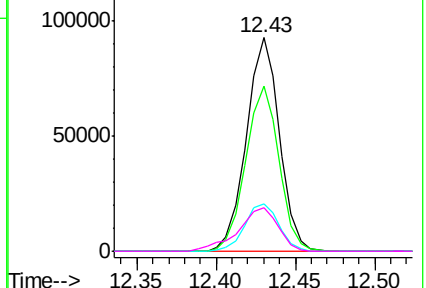
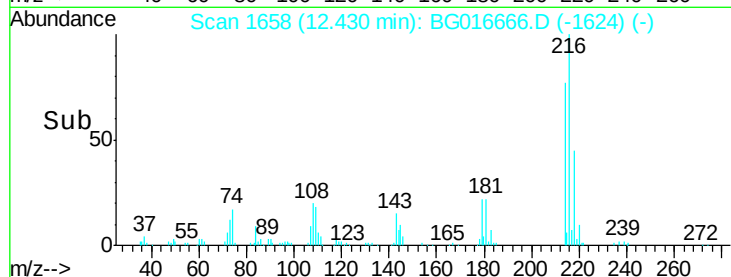


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.39 ng

RT: 12.41 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

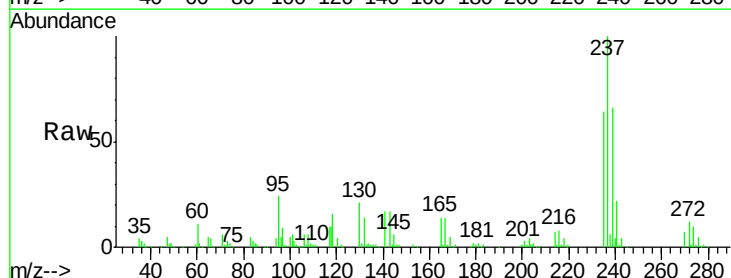
Tgt Ion:237 Resp: 108917

Ion Ratio Lower Upper

237 100

235 64.1 42.2 82.2

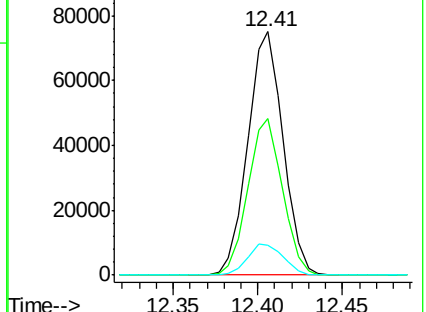
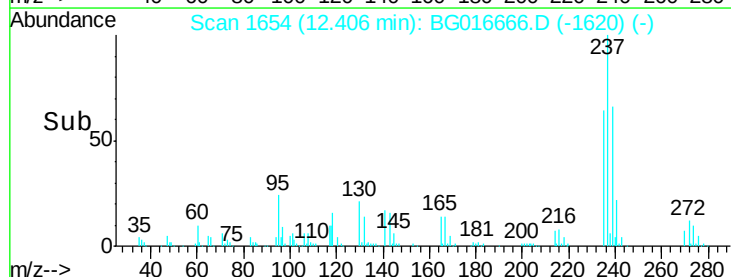
272 12.0 0.0 32.8

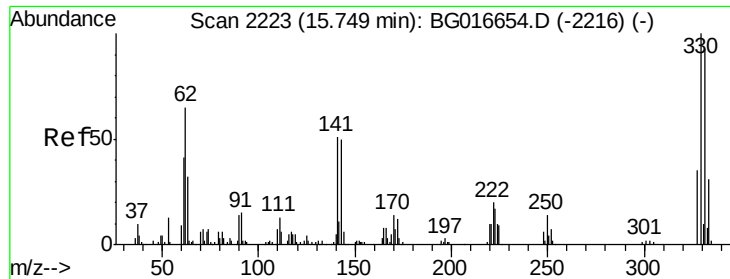


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

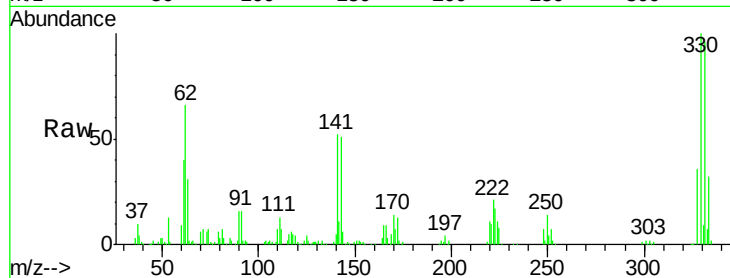




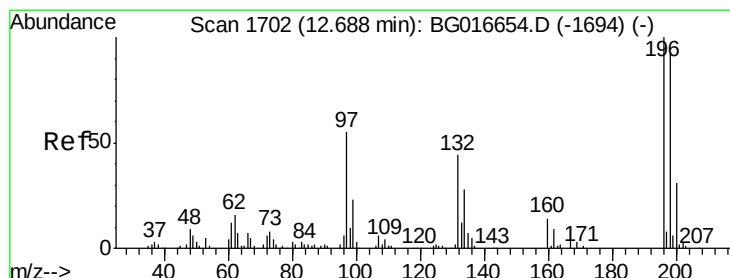
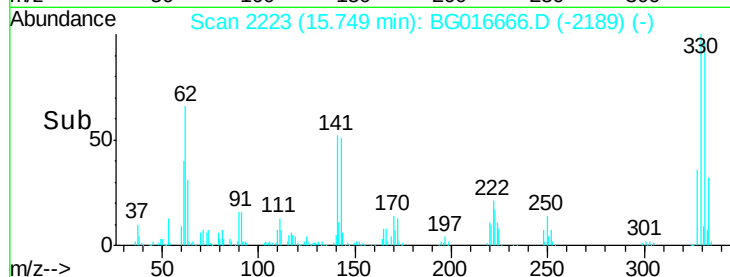
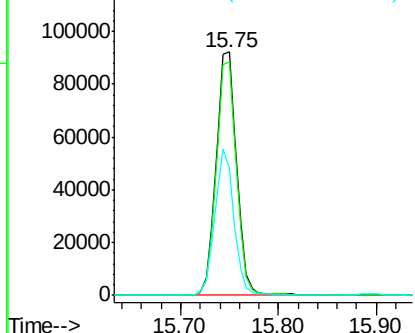
#41
 2,4,6-Tribromophenol
 Concen: 120.26 ng
 RT: 15.75 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BG016666.D
 Acq: 23 Apr 2015 23:12

Instrument :
 BNA_G
 ClientSampleId :
 PB82885BS

Tgt Ion:330 Resp: 134513
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.2 114.4
 141 55.8 43.0 64.6

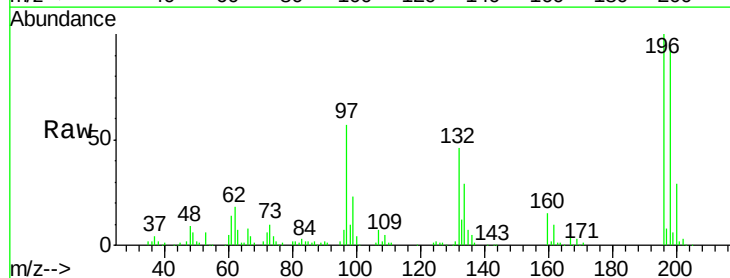


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

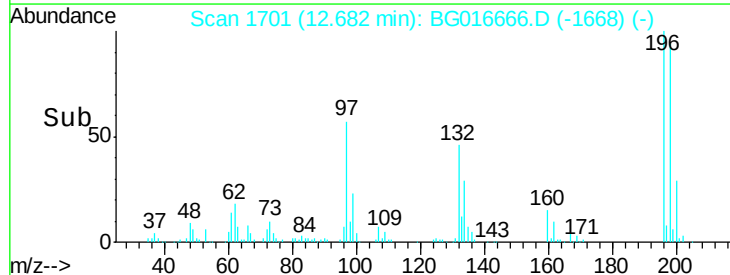
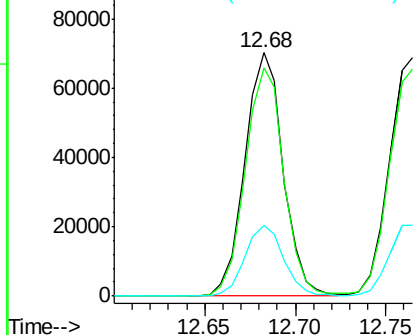


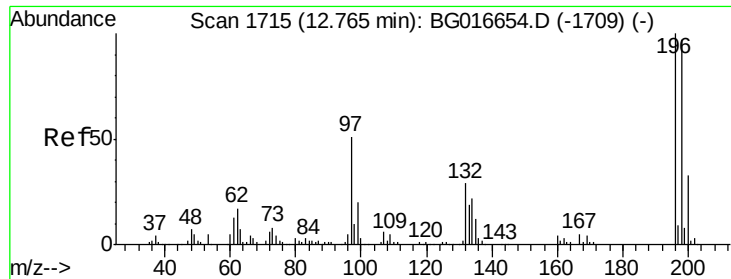
#42
 2,4,6-Trichlorophenol
 Concen: 39.19 ng
 RT: 12.68 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG016666.D
 Acq: 23 Apr 2015 23:12

Tgt Ion:196 Resp: 102871
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.6 111.8
 200 29.3 24.6 37.0



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

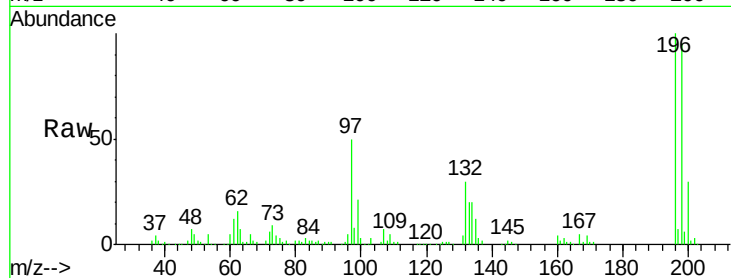




#43
 2,4,5-Trichlorophenol
 Concen: 38.85 ng
 RT: 12.76 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG016666.D
 Acq: 23 Apr 2015 23:12

Instrument :
 BNA_G
 ClientSampleId :
 PB82885BS

Tgt Ion	Resp	Lower	Upper
196	107898		
198	95.4	77.4	116.0
97	50.3	40.9	61.3
132	29.7	23.2	34.8



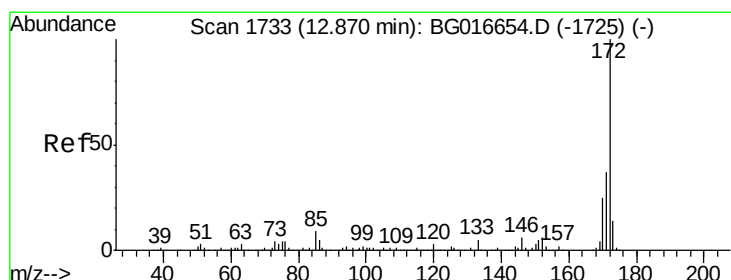
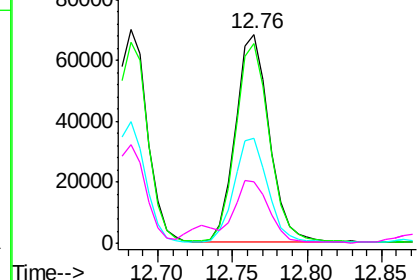
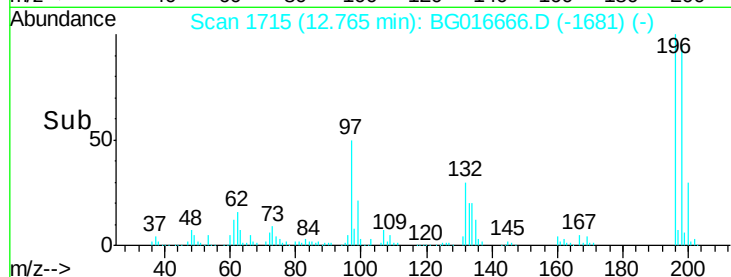
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

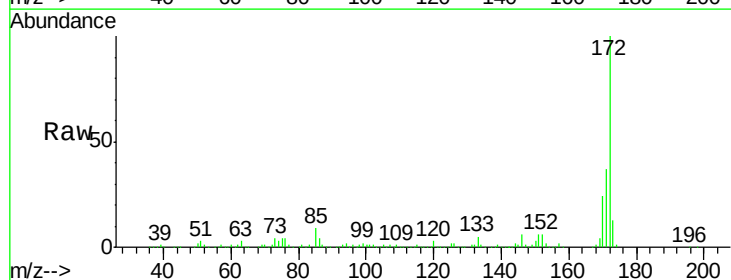
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.99 ng
 RT: 12.87 min Scan# 1733
 Delta R.T. 0.00 min
 Lab File: BG016666.D
 Acq: 23 Apr 2015 23:12

Tgt Ion	Resp	Lower	Upper
172	760065		
171	36.7	29.9	44.9
170	23.6	19.8	29.8

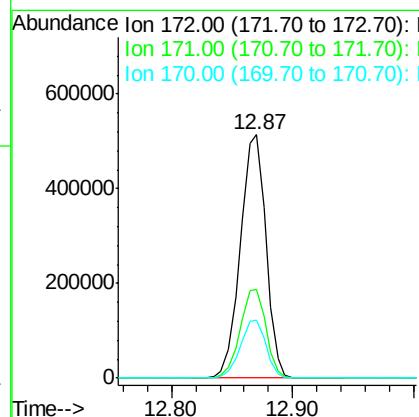
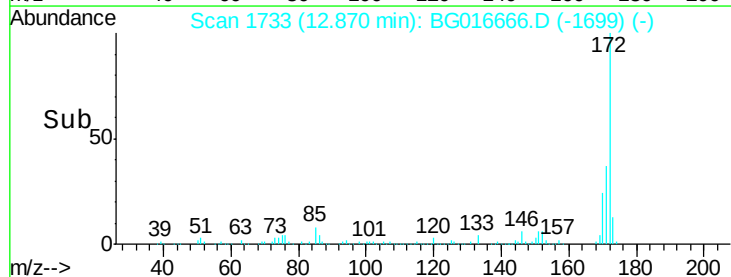


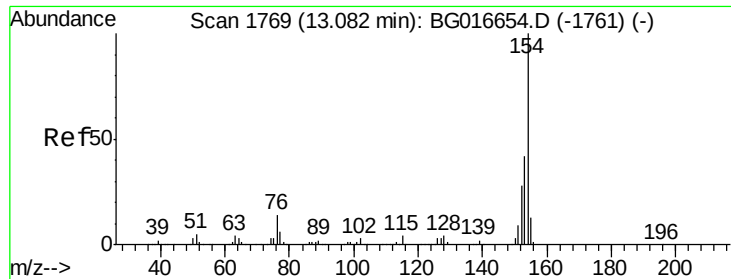
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

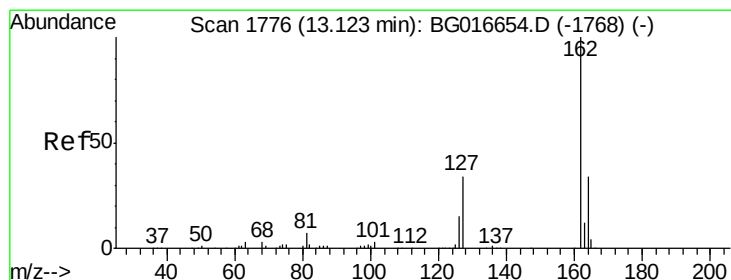
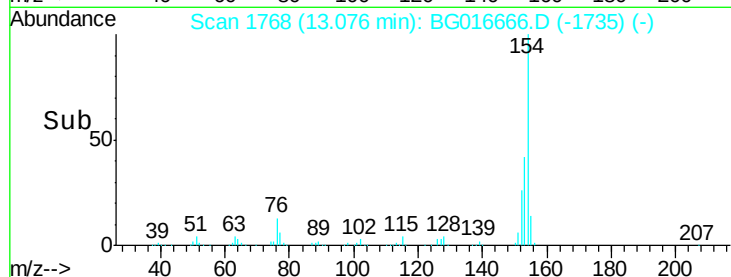
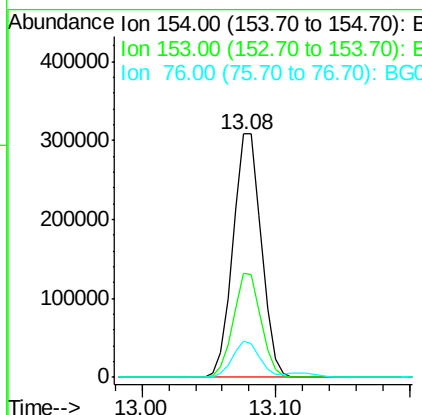
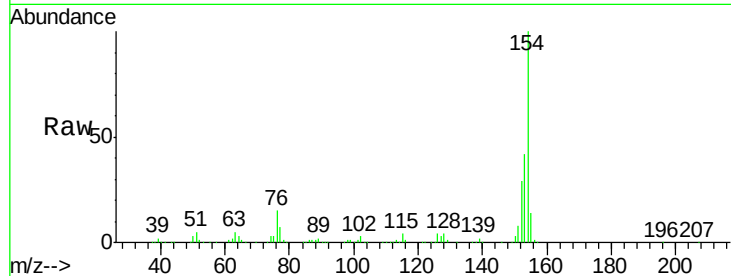




#45
 1,1'-Biphenyl
 Concen: 38.37 ng
 RT: 13.08 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: BG016666.D
 Acq: 23 Apr 2015 23:12

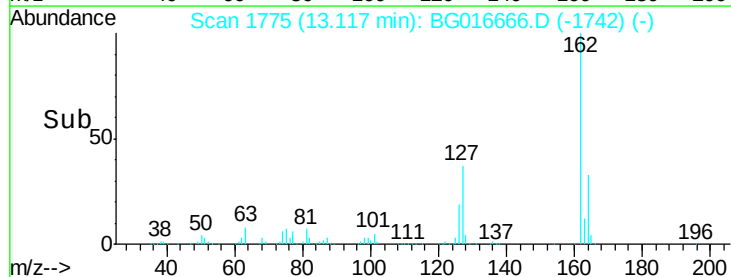
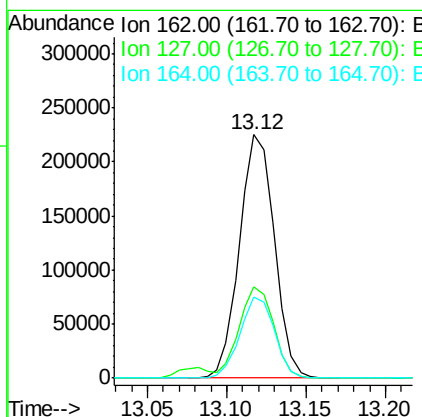
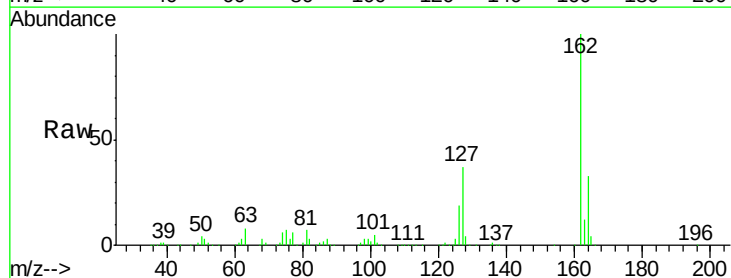
Instrument :
 BNA_G
 ClientSampleId :
 PB82885BS

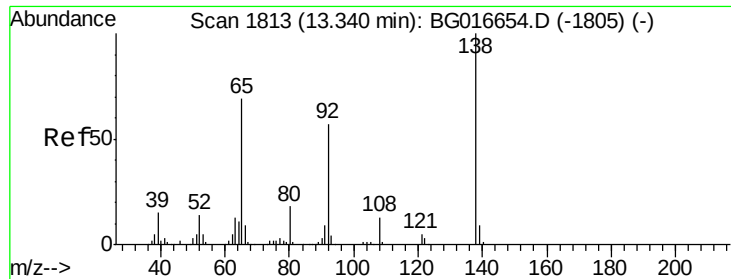
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	21.8	61.8
76	15.0	0.0	33.7



#46
 2-Chloronaphthalene
 Concen: 37.77 ng
 RT: 13.12 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BG016666.D
 Acq: 23 Apr 2015 23:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.4	30.4	45.6
164	33.0	26.9	40.3





#47

2-Nitroaniline

Concen: 39.32 ng

RT: 13.34 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

Instrument :

BNA_G

ClientSampleId :

PB82885BS

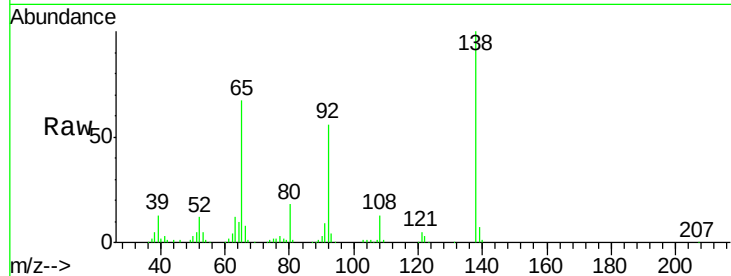
Tgt Ion: 65 Resp: 97627

Ion Ratio Lower Upper

65 100

92 82.5 65.9 98.9

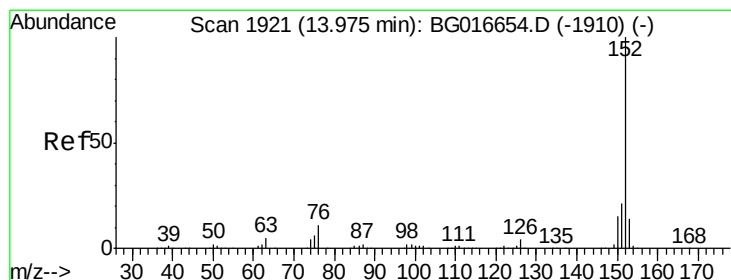
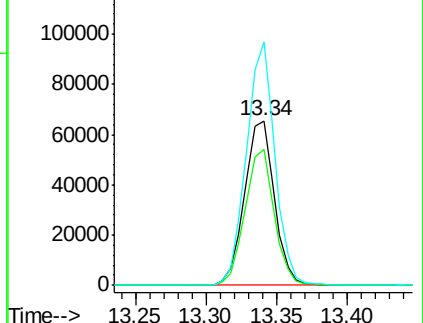
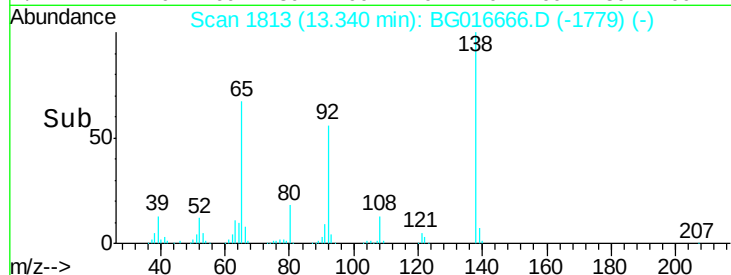
138 148.2 115.4 173.2



Abundance Ion 65.00 (64.70 to 65.70): BG016666.D (-1779) (-)

Ion 92.00 (91.70 to 92.70): BG016666.D (-1779) (-)

Ion 138.00 (137.70 to 138.70): BG016666.D (-1779) (-)



#48

Acenaphthylene

Concen: 37.08 ng

RT: 13.97 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

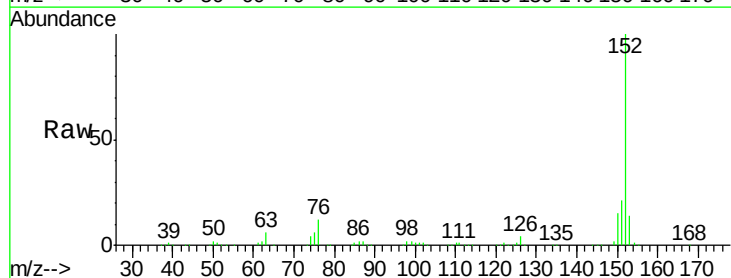
Tgt Ion: 152 Resp: 591137

Ion Ratio Lower Upper

152 100

151 21.4 16.7 25.1

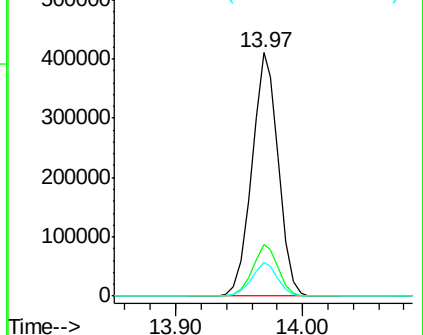
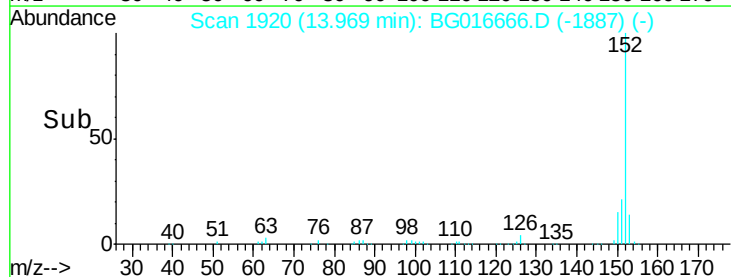
153 13.7 11.0 16.6

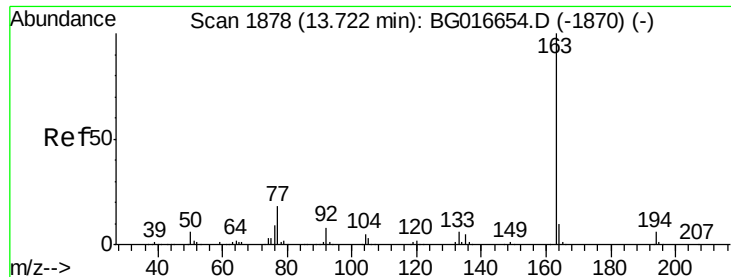


Abundance Ion 152.00 (151.70 to 152.70): BG016666.D (-1887) (-)

Ion 151.00 (150.70 to 151.70): BG016666.D (-1887) (-)

Ion 153.00 (152.70 to 153.70): BG016666.D (-1887) (-)





#49

Dimethylphthalate

Concen: 37.29 ng

RT: 13.72 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

Instrument :

BNA_G

ClientSampleId :

PB82885BS

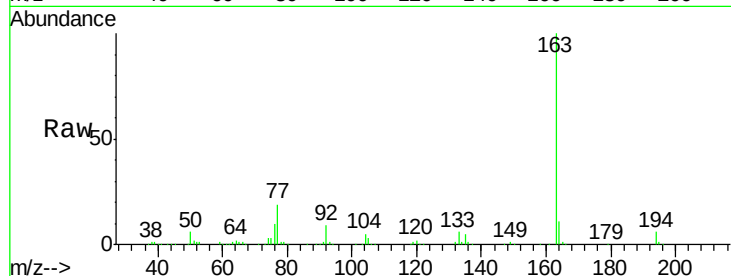
Tgt Ion:163 Resp: 420620

Ion Ratio Lower Upper

163 100

194 6.1 5.0 7.4

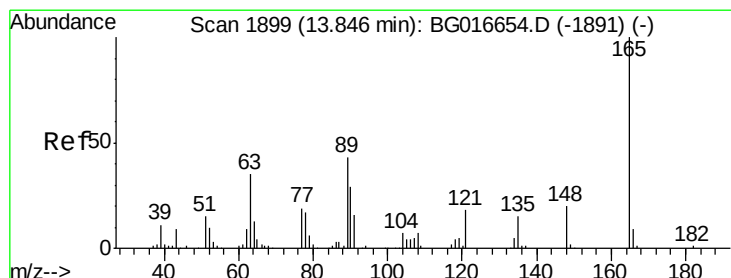
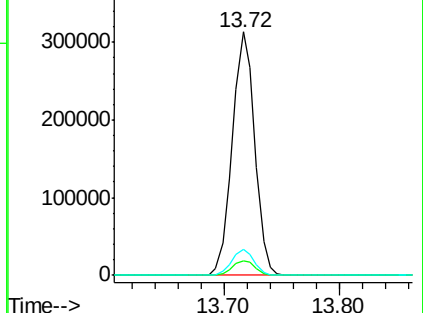
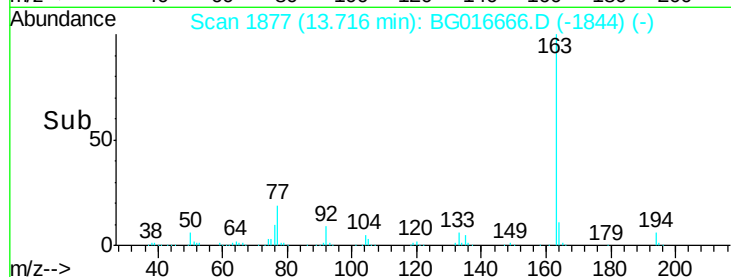
164 10.6 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.71 ng

RT: 13.84 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

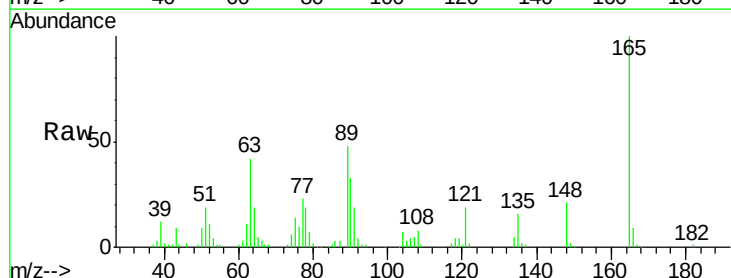
Tgt Ion:165 Resp: 104386

Ion Ratio Lower Upper

165 100

63 41.9 31.5 47.3

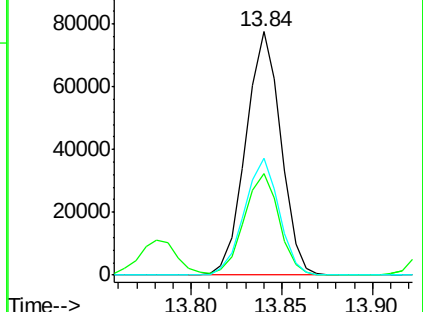
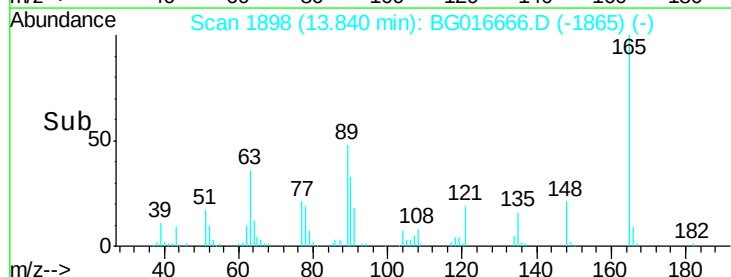
89 48.0 34.7 52.1

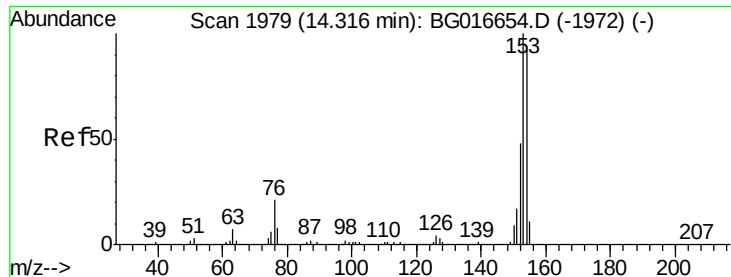


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 37.16 ng

RT: 14.32 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

Instrument :

BNA_G

ClientSampleId :

PB82885BS

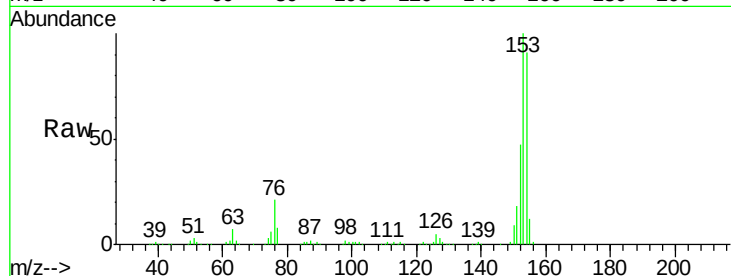
Tgt Ion:154 Resp: 35535

Ion Ratio Lower Upper

154 100

153 109.5 87.0 130.6

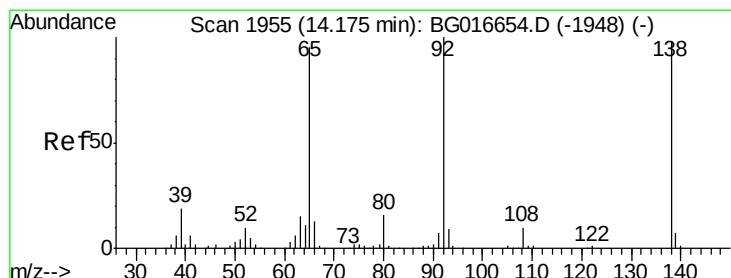
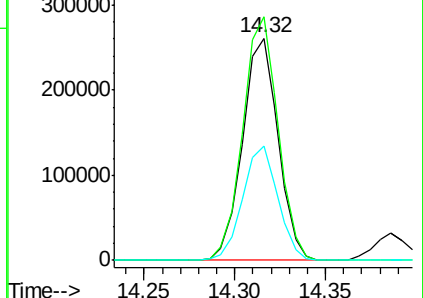
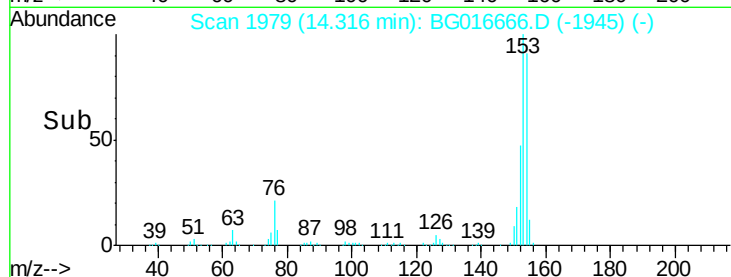
152 51.6 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.06 ng

RT: 14.17 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG016666.D

Acq: 23 Apr 2015 23:12

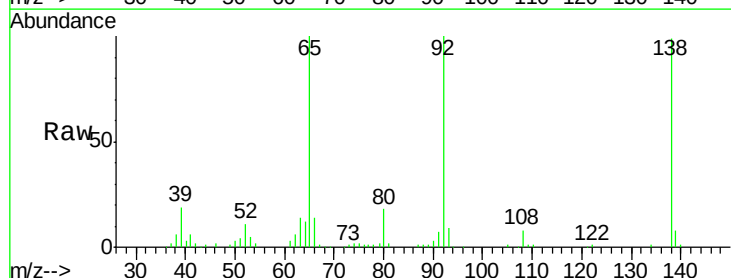
Tgt Ion:138 Resp: 77135

Ion Ratio Lower Upper

138 100

108 8.5 7.8 11.6

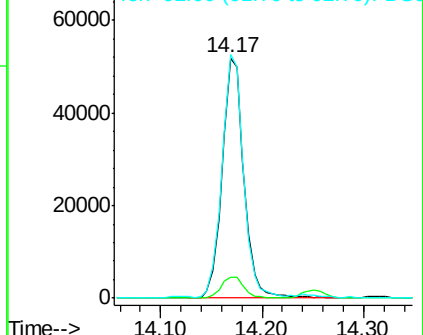
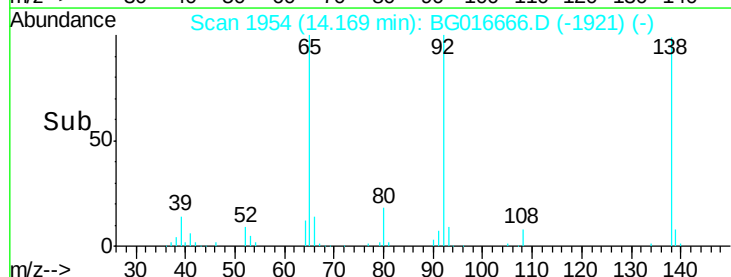
92 101.3 81.9 122.9

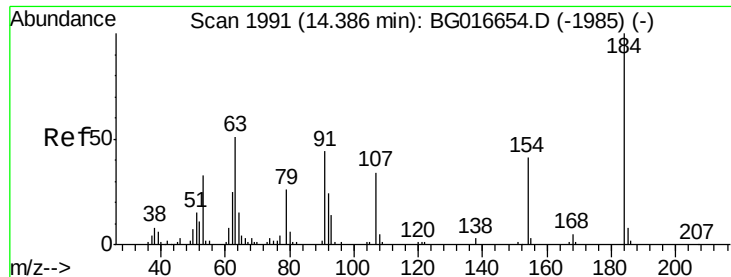


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

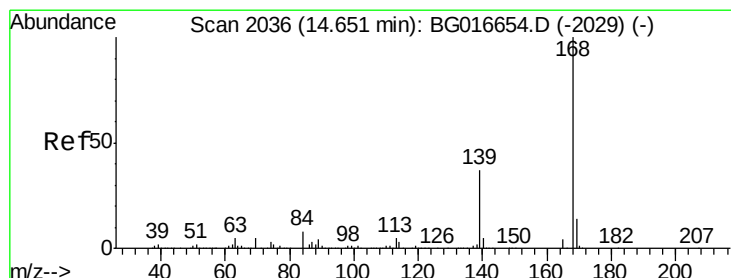
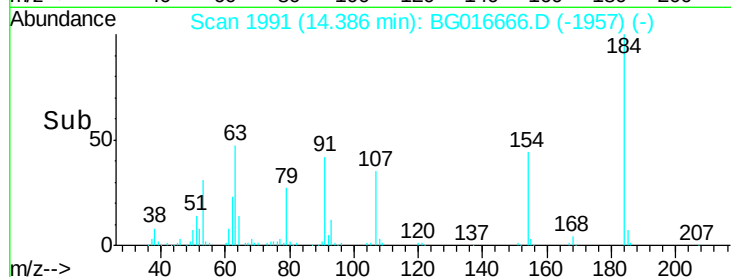
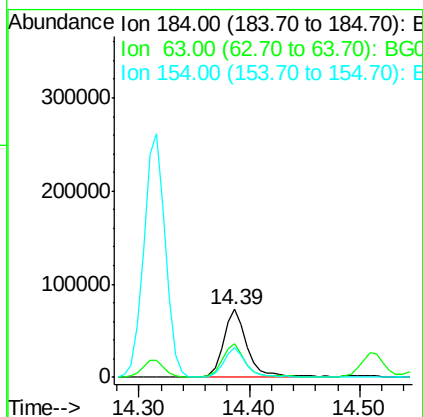
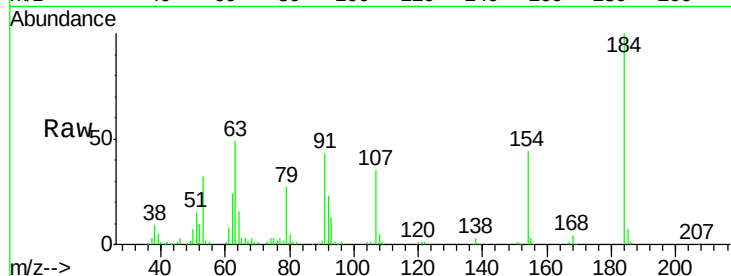




#53
2,4-Dinitrophenol
Concen: 73.78 ng
RT: 14.39 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG016666.D
Acq: 23 Apr 2015 23:12

Instrument :
BNA_G
ClientSampleId :
PB82885BS

Tgt Ion:184 Resp: 110046
Ion Ratio Lower Upper
184 100
63 49.1 40.7 61.1
154 44.4 34.1 51.1



#54
Dibenzofuran
Concen: 38.03 ng
RT: 14.65 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG016666.D
Acq: 23 Apr 2015 23:12

Tgt Ion:168 Resp: 513286
Ion Ratio Lower Upper
168 100
139 37.0 29.8 44.8
169 13.6 11.0 16.4

