

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
 Data File : BG016646.D
 Acq On : 23 Apr 2015 8:59
 Operator : TP/IZ
 Sample : G1949-08MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 23 15:42:16 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 02:10:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	42599	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	198583	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	126533	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	295997	20.00	ng	0.00
75) Chrysene-d12	21.21	240	270289	20.00	ng	0.00
86) Perylene-d12	23.43	264	243533	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	393765	148.15	ng	0.00
7) Phenol-d6	6.84	99	534704	143.99	ng	0.01
23) Nitrobenzene-d5	8.80	82	300377	93.14	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	154876	180.22	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	712067	93.20	ng	0.00
78) Terphenyl-d14	19.66	244	1011965	90.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.11	88	42215	35.32	ng	# 93
3) Pyridine	3.52	79	70734	21.39	ng	97
4) n-Nitrosodimethylamine	3.43	42	38533	38.93	ng	97
6) Aniline	6.97	93	42775	8.34	ng	96
8) 2-Chlorophenol	7.21	128	166198	52.38	ng	99
9) Benzaldehyde	6.78	77	9594	5.68	ng	99
10) Phenol	6.86	94	191678	48.80	ng	99
11) bis(2-Chloroethyl)ether	7.07	93	137976	44.87	ng	99
12) 1,3-Dichlorobenzene	7.52	146	135871	41.01	ng	99
13) 1,4-Dichlorobenzene	7.67	146	141522	41.97	ng	99
14) 1,2-Dichlorobenzene	7.98	146	140469	43.78	ng	98
15) Benzyl Alcohol	7.89	79	124350	52.62	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.17	45	133480	44.82	ng	98
17) 2-Methylphenol	8.10	107	137581	51.97	ng	98
18) Hexachloroethane	8.70	117	48333	39.92	ng	95
19) n-Nitroso-di-n-propylamine	8.44	70	106178	44.23	ng	96
20) 3+4-Methylphenols	8.43	107	192861	52.90	ng	97
22) Acetophenone	8.46	105	213614	48.29	ng	# 98
24) Nitrobenzene	8.84	77	156105	46.51	ng	97
25) Isophorone	9.36	82	309162	46.82	ng	99
26) 2-Nitrophenol	9.54	139	95179	51.36	ng	99
27) 2,4-Dimethylphenol	9.62	122	171327	54.36	ng	97
28) bis(2-Chloroethoxy)methane	9.84	93	184168	46.52	ng	98
29) 2,4-Dichlorophenol	10.09	162	158606	60.87	ng	99
30) 1,2,4-Trichlorobenzene	10.28	180	130009	46.93	ng	100
31) Naphthalene	10.47	128	493493	47.60	ng	99
32) Benzoic acid	9.77	122	60313	51.11	ng	96
33) 4-Chloroaniline	10.60	127	11961	2.52	ng	99
34) Hexachlorobutadiene	10.75	225	53313	43.30	ng	98
35) Caprolactam	11.38	113	43707	28.97	ng	97
36) 4-Chloro-3-methylphenol	11.75	107	188084	59.77	ng	98
37) 2-Methylnaphthalene	12.09	142	368895	49.71	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.46	216	129249	44.40	ng	99
40) Hexachlorocyclopentadiene	12.43	237	70987	63.47	ng	97

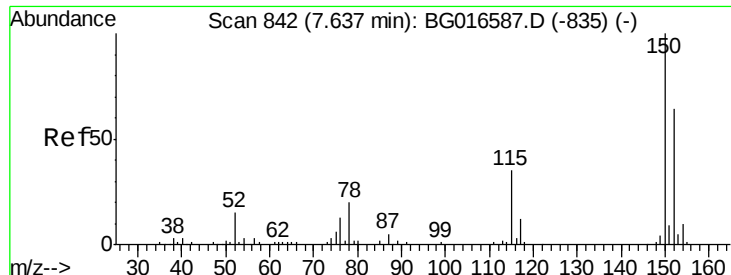
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
 Data File : BG016646.D
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Quant Time: Apr 23 15:42:16 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 02:10:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.72	196	115134	55.86	ng	97
43) 2,4,5-Trichlorophenol	12.80	196	130655	59.45	ng	96
45) 1,1'-Biphenyl	13.11	154	463428	47.56	ng	98
46) 2-Chloronaphthalene	13.15	162	354013	47.44	ng	99
47) 2-Nitroaniline	13.37	65	115040	52.85	ng	91
48) Acenaphthylene	14.00	152	632798	47.76	ng	99
49) Dimethylphthalate	13.75	163	462931	49.48	ng	99
50) 2,6-Dinitrotoluene	13.87	165	119621	52.06	ng	95
51) Acenaphthene	14.34	154	385514	48.77	ng	99
52) 3-Nitroaniline	14.20	138	48488	17.09	ng	98
53) 2,4-Dinitrophenol	14.42	184	52181	52.21	ng	93
54) Dibenzofuran	14.68	168	570425	51.25	ng	99
55) 4-Nitrophenol	14.55	139	209416	97.50	ng	98
56) 2,4-Dinitrotoluene	14.66	165	177073	56.00	ng	96
57) Fluorene	15.33	166	507338	51.73	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.92	232	99533	60.02	ng	99
59) Diethylphthalate	15.11	149	491835	49.34	ng	99
60) 4-Chlorophenyl-phenylether	15.33	204	205352	51.00	ng	98
61) 4-Nitroaniline	15.37	138	162283	49.91	ng	98
62) Azobenzene	15.62	77	478936	51.77	ng	99
64) 4,6-Dinitro-2-methylphenol	15.43	198	55531	29.04	ng	95
65) n-Nitrosodiphenylamine	15.55	169	467069	47.07	ng	100
66) 4-Bromophenyl-phenylether	16.22	248	114302	49.05	ng	98
67) Hexachlorobenzene	16.34	284	117347	48.21	ng	93
68) Atrazine	16.50	200	136022	49.02	ng	97
69) Pentachlorophenol	16.69	266	96459	76.80	ng	99
70) Phenanthrene	17.06	178	810438	48.10	ng	98
71) Anthracene	17.16	178	819947	48.97	ng	99
72) Carbazole	17.43	167	855771	50.09	ng	99
73) Di-n-butylphthalate	17.99	149	948336	45.61	ng	100
74) Fluoranthene	19.09	202	865860	47.70	ng	100
76) Benzidine	19.28	184	34162	3.42	ng	96
77) Pyrene	19.45	202	889046	48.97	ng	98
79) Butylbenzylphthalate	20.35	149	438106	46.10	ng	99
80) Benzo(a)anthracene	21.19	228	778211	47.74	ng	100
81) 3,3'-Dichlorobenzidine	21.13	252	96957	17.97	ng	98
82) Chrysene	21.25	228	742259	47.43	ng	100
83) Bis(2-ethylhexyl)phthalate	21.12	149	535791	41.07	ng	100
84) Di-n-octyl phthalate	21.99	149	977394	45.12	ng	98
85) Indeno(1,2,3-cd)pyrene	25.69	276	762959	44.43	ng	98
87) Benzo(b)fluoranthene	22.76	252	709459	48.82	ng	99
88) Benzo(k)fluoranthene	22.80	252	730935	51.28	ng	98
89) Benzo(a)pyrene	23.33	252	724749	52.53	ng	98
90) Dibenzo(a,h)anthracene	25.70	278	660351	49.25	ng	98
91) Benzo(g,h,i)perylene	26.38	276	563980	41.69	ng	98

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

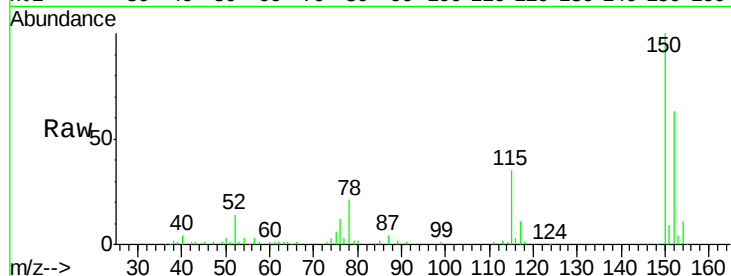


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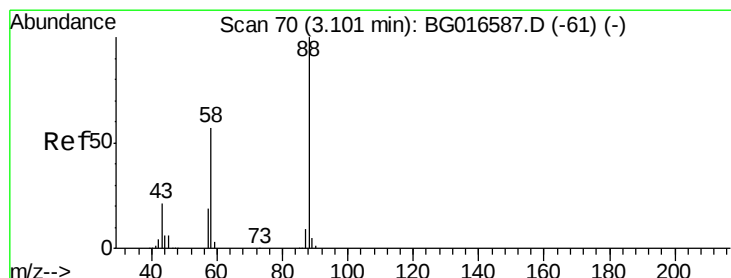
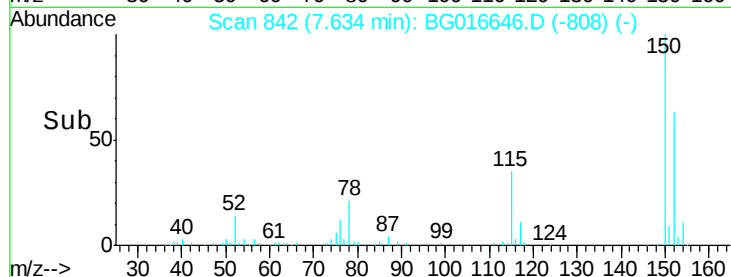
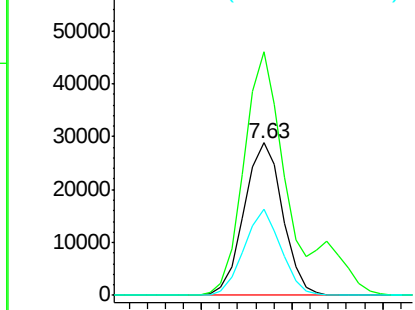
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 842
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 42599
Ion Ratio Lower Upper
152 100
150 159.6 125.5 188.3
115 56.5 44.5 66.7



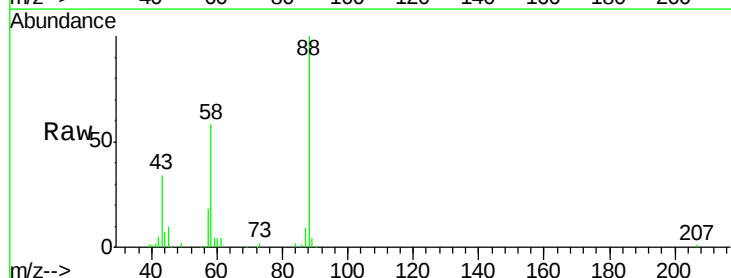
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



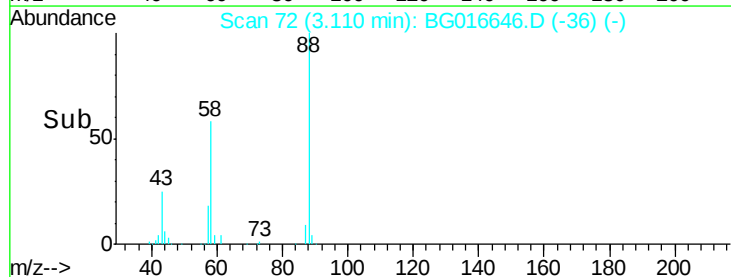
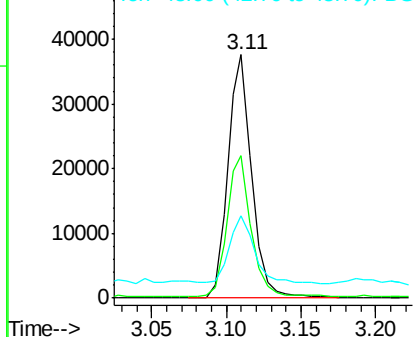
#2

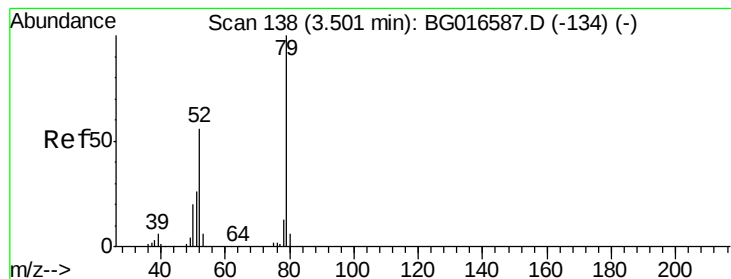
1,4-Dioxane
Concen: 35.32 ng
RT: 3.11 min Scan# 72
Delta R.T. 0.01 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion: 88 Resp: 42215
Ion Ratio Lower Upper
88 100
58 59.1 46.0 69.0
43 30.4 16.2 24.4#



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

Pvridine

Concen: 21.39 ng

RT: 3.52 min Scan# 141

Delta R.T. 0.01 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

ClientSampleId :

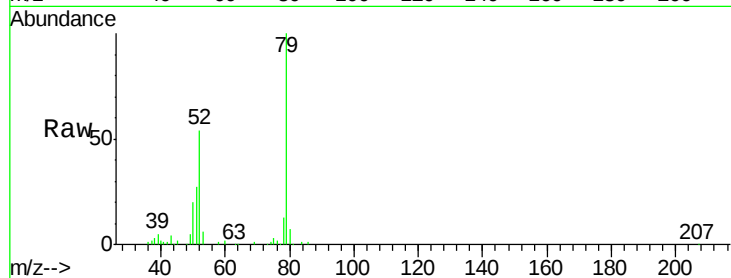
Tot Ion: 79 Resp: 70734

Ion Ratio Lower Upper

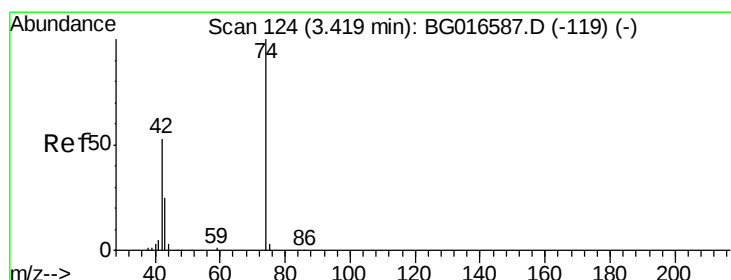
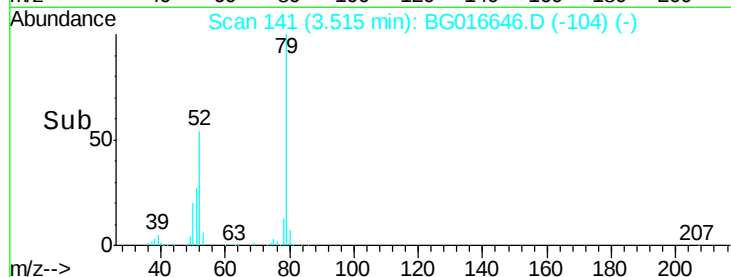
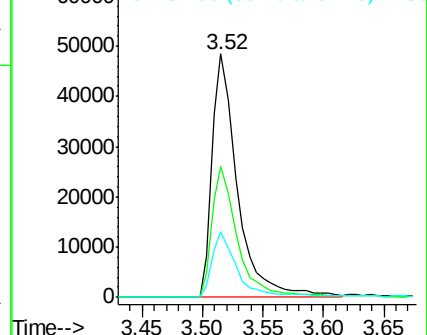
79 100

52 53.6 45.0 67.4

51 26.9 21.4 32.0



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: 38.93 ng

RT: 3.43 min Scan# 126

Delta R.T. 0.01 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

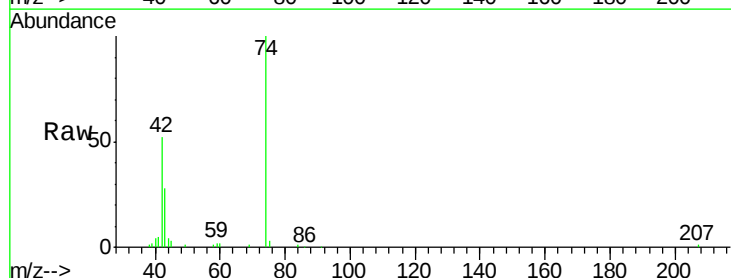
Tgt Ion: 42 Resp: 38533

Ion Ratio Lower Upper

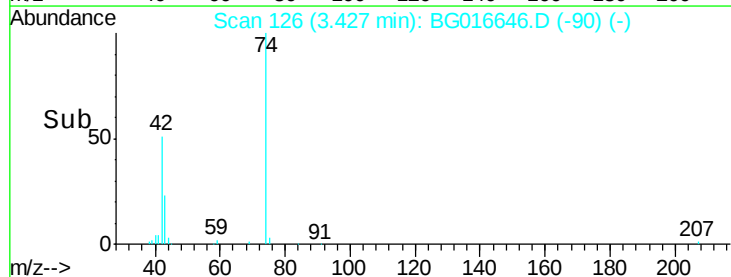
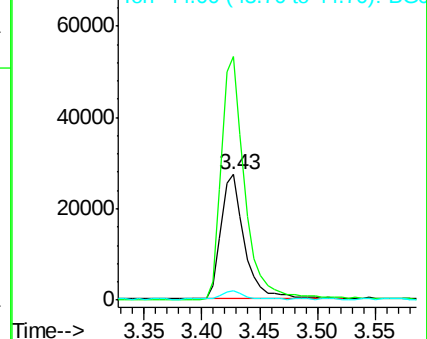
42 100

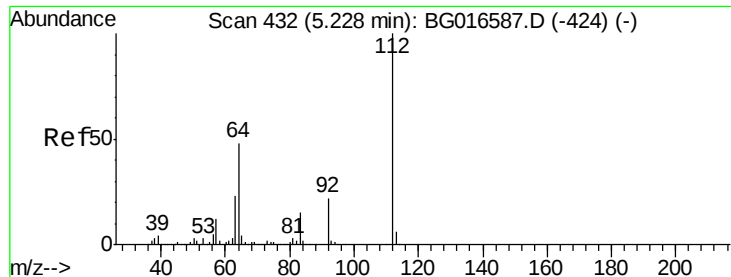
74 194.1 151.6 227.4

44 7.2 4.9 7.3



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: 148.15 ng

RT: 5.24 min Scan# 434

Delta R.T. 0.01 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

ClientSampleId :

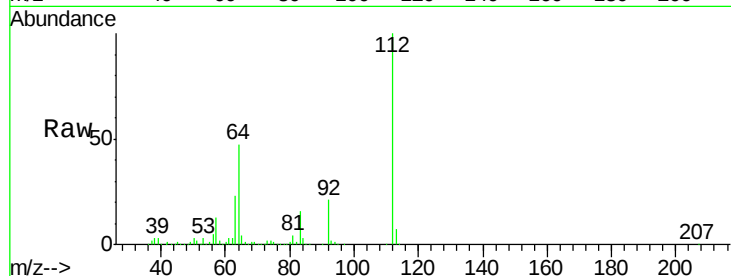
Tot Ion:112 Resp: 393765

Ion Ratio Lower Upper

112 100

64 47.5 38.5 57.7

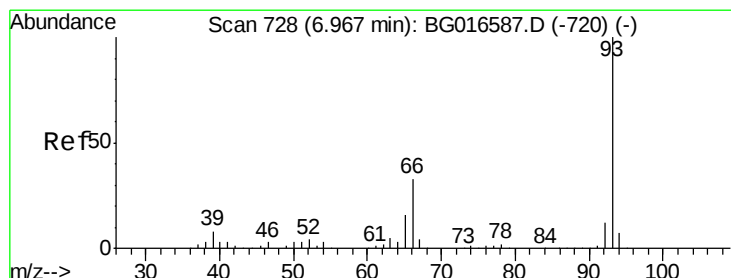
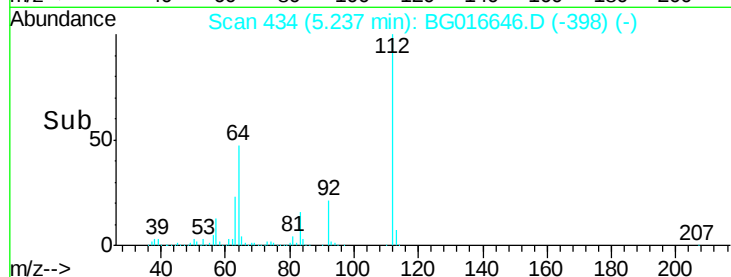
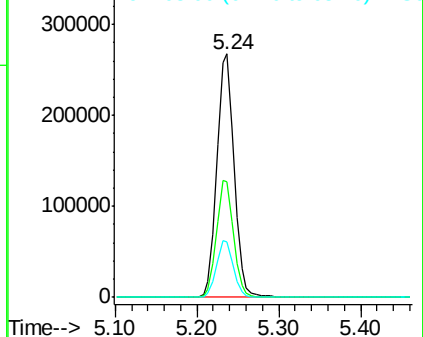
63 22.8 18.2 27.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 8.34 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

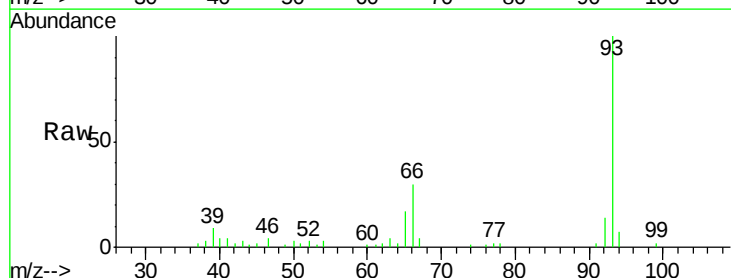
Tgt Ion: 93 Resp: 42775

Ion Ratio Lower Upper

93 100

66 29.8 26.1 39.1

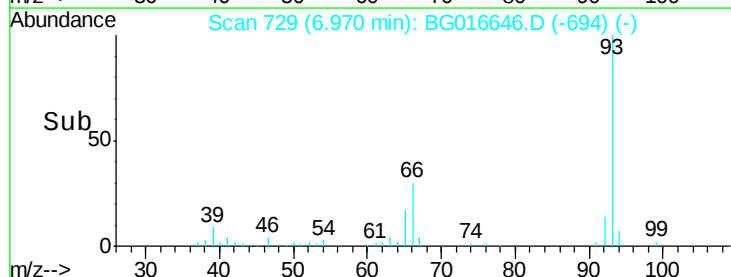
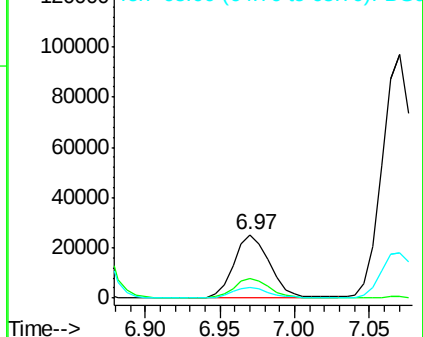
65 17.0 13.0 19.6

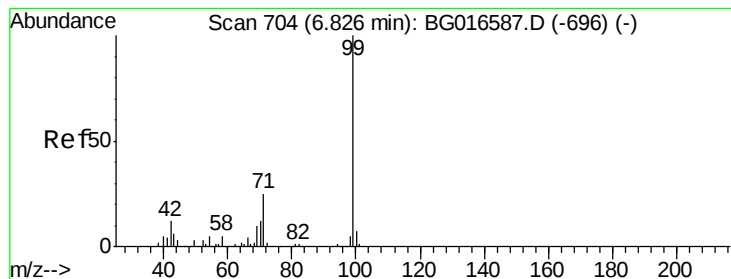


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 143.99 ng

RT: 6.84 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

ClientSampleId :

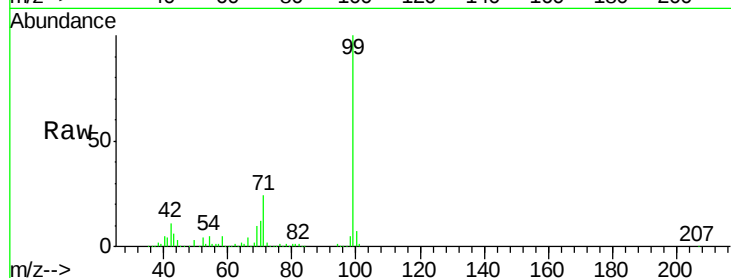
Tot Ion: 99 Resp: 534704

Ion Ratio Lower Upper

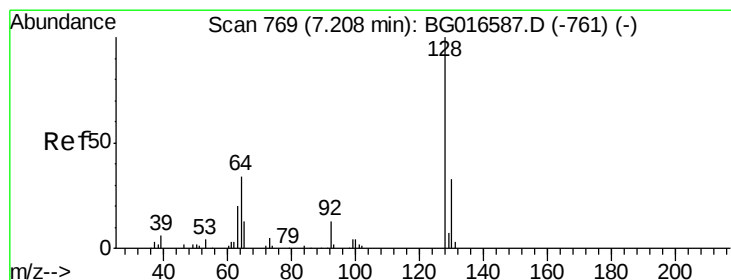
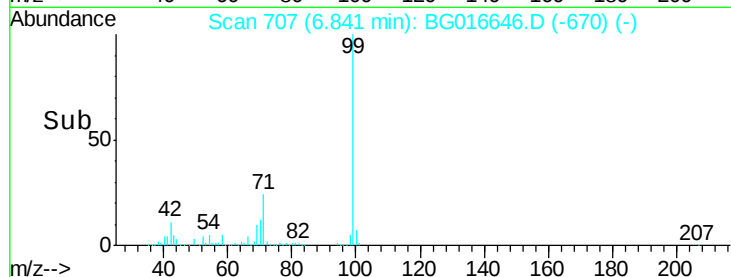
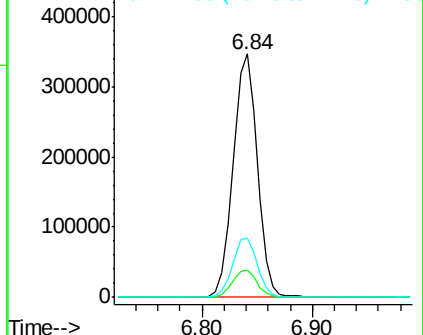
99 100

42 11.4 9.5 14.3

71 24.4 20.2 30.2



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: 52.38 ng

RT: 7.21 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

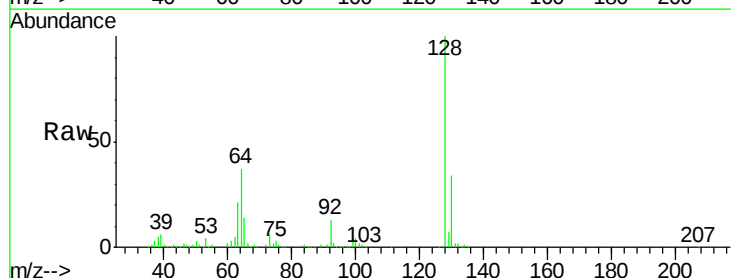
Tgt Ion: 128 Resp: 166198

Ion Ratio Lower Upper

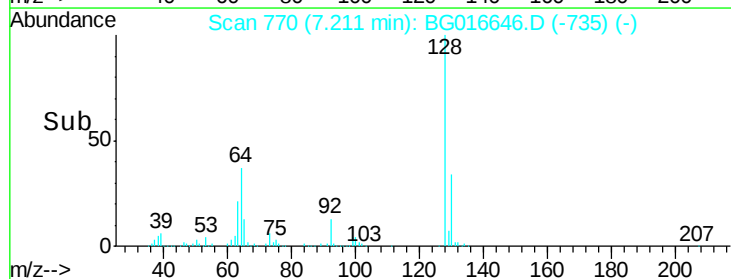
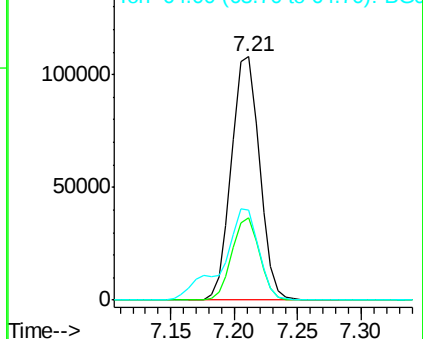
128 100

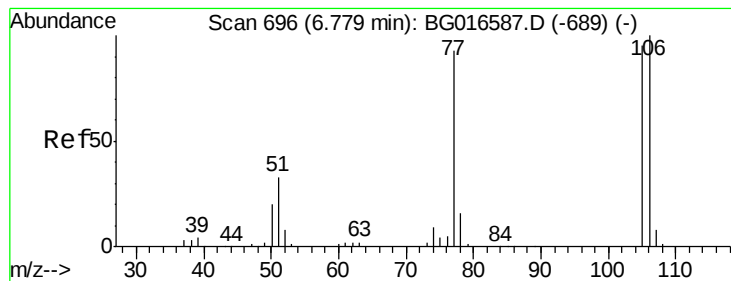
130 33.7 13.5 53.5

64 36.7 17.9 57.9



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: 5.68 ng

RT: 6.78 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

ClientSampleId :

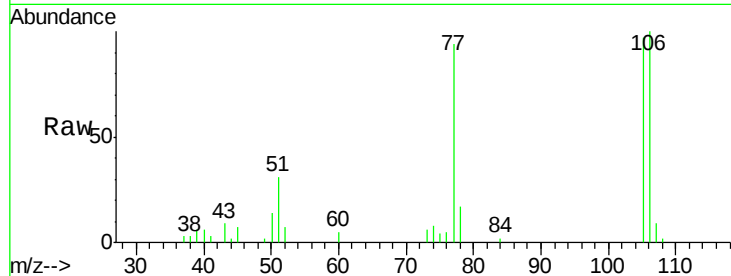
Tot Ion: 77 Resp: 9594

Ion Ratio Lower Upper

77 100

105 103.2 81.6 121.6

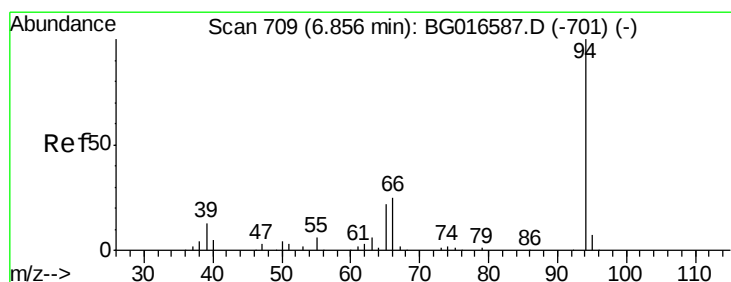
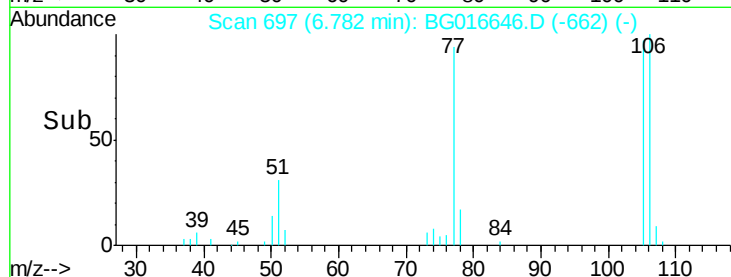
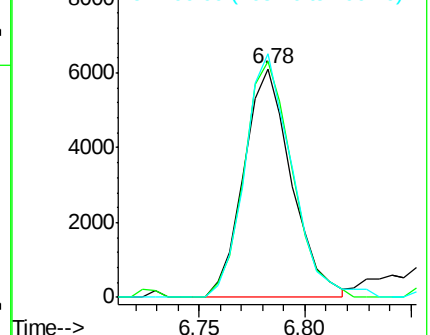
106 106.4 87.4 127.4



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: 48.80 ng

RT: 6.86 min Scan# 711

Delta R.T. 0.01 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

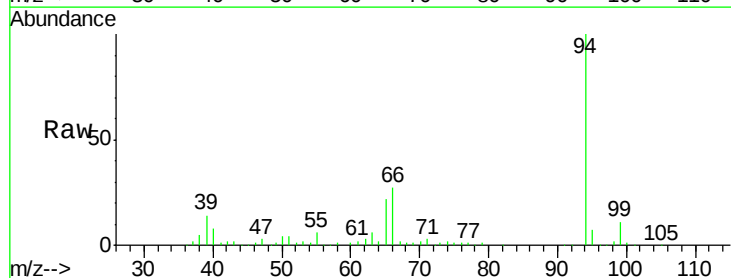
Tgt Ion: 94 Resp: 191678

Ion Ratio Lower Upper

94 100

65 22.0 2.6 42.6

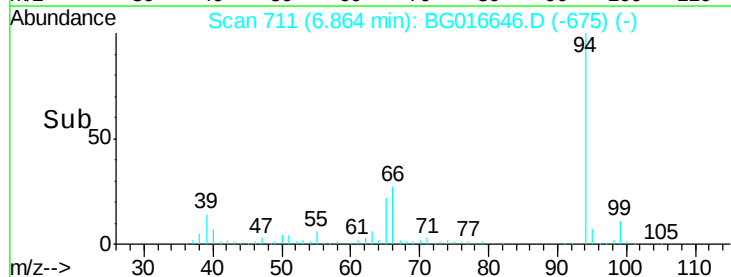
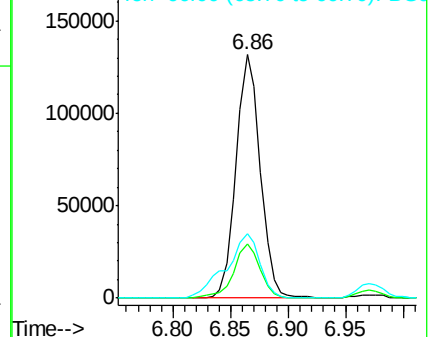
66 26.6 6.3 46.3

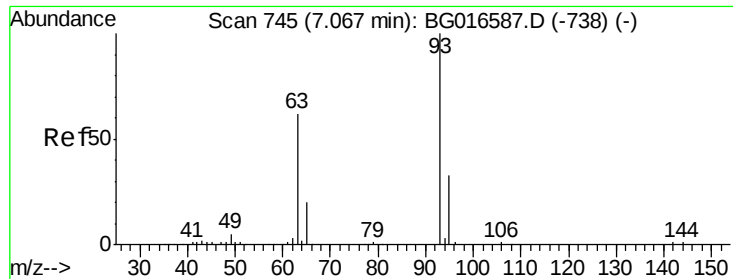


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

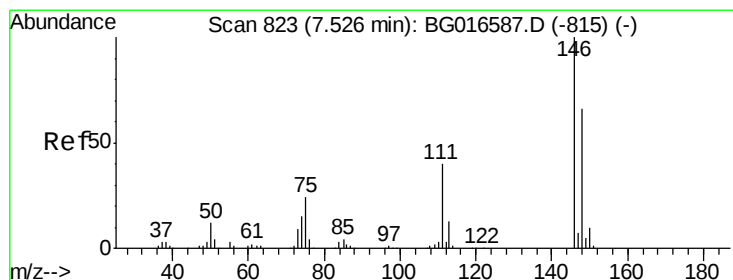
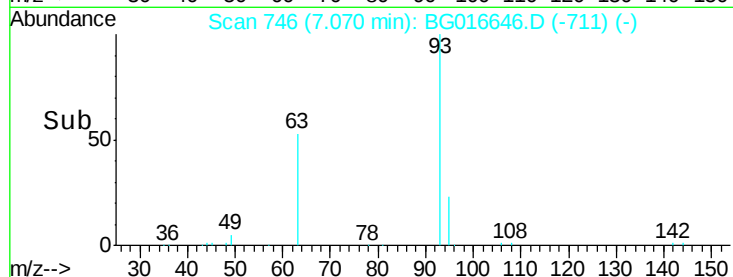
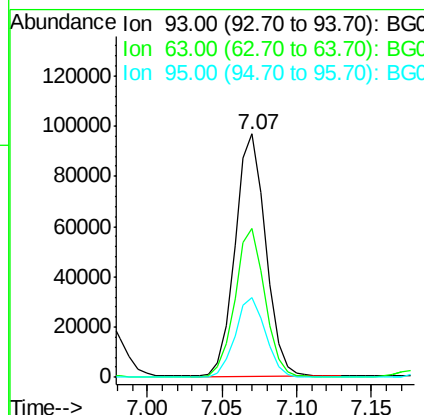
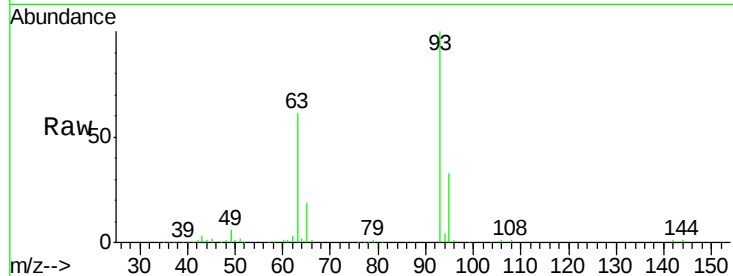




#11
bis(2-Chloroethyl)ether
Concen: 44.87 ng
RT: 7.07 min Scan# 746
Delta R.T. 0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

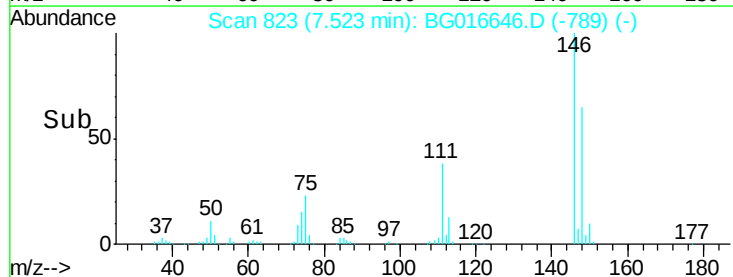
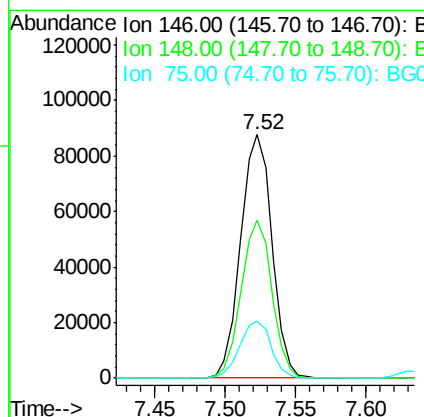
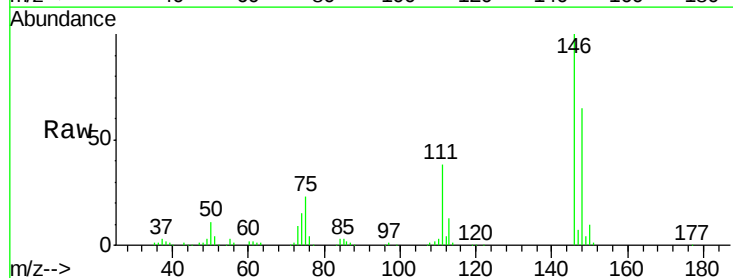
Instrument :
BNA_G
ClientSampleId :

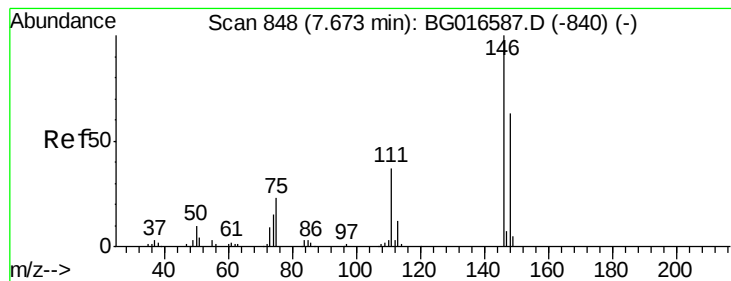
Tot Ion: 93 Resp: 137976
Ion Ratio Lower Upper
93 100
63 61.0 42.0 82.0
95 32.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.01 ng
RT: 7.52 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion: 146 Resp: 135871
Ion Ratio Lower Upper
146 100
148 64.7 52.6 79.0
75 23.4 19.5 29.3





#13

1,4-Dichlorobenzene

Concen: 41.97 ng

RT: 7.67 min Scan# 848

Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

ClientSampled :

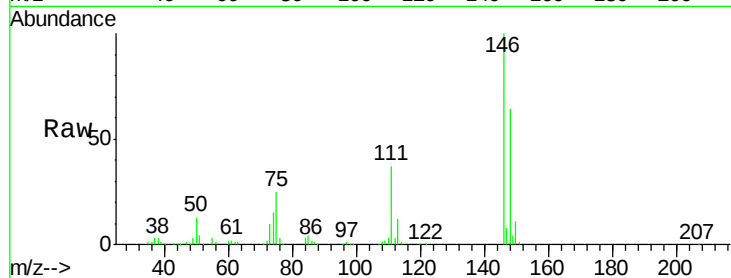
Tot Ion:146 Resp: 141522

Ion Ratio Lower Upper

146 100

148 63.9 50.5 75.7

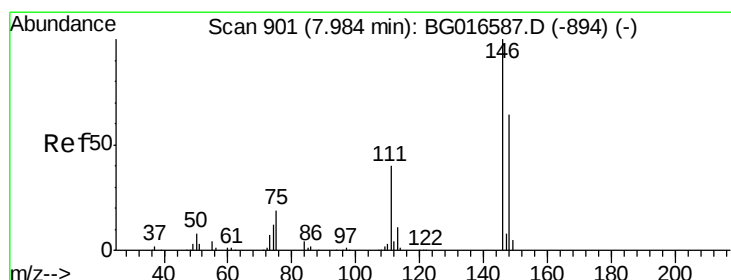
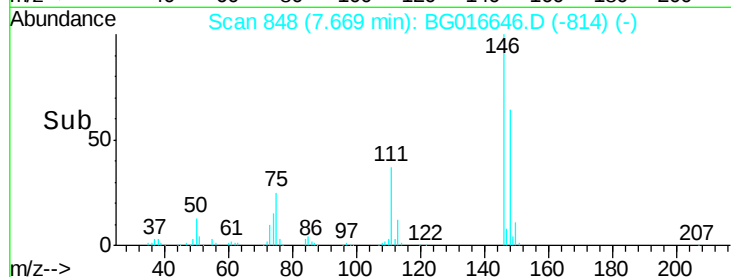
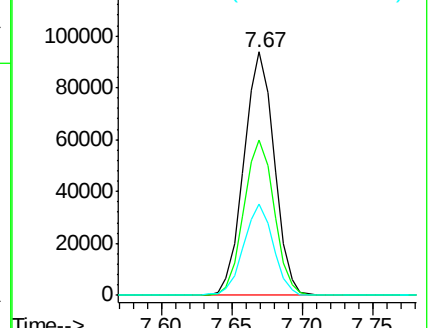
111 37.4 29.6 44.4



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: 43.78 ng

RT: 7.98 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

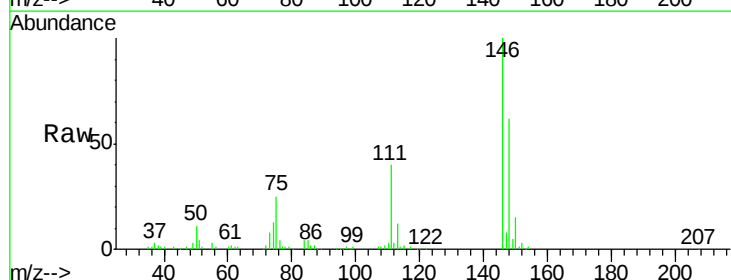
Tgt Ion:146 Resp: 140469

Ion Ratio Lower Upper

146 100

148 62.1 51.4 77.2

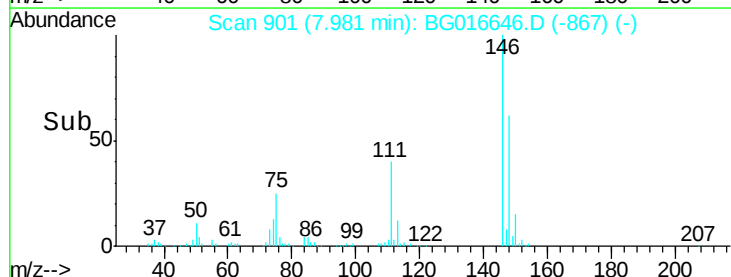
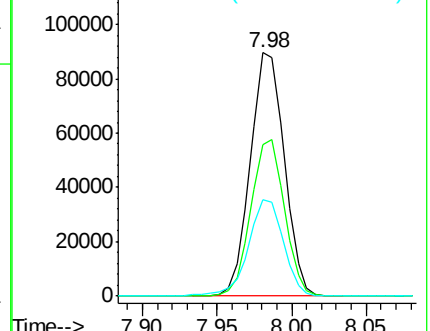
111 39.5 32.6 48.8

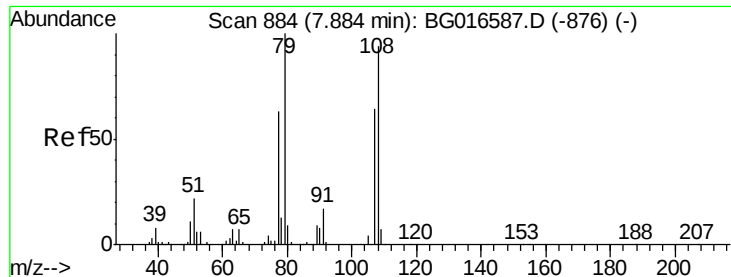


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 52.62 ng

RT: 7.89 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

ClientSampleId :

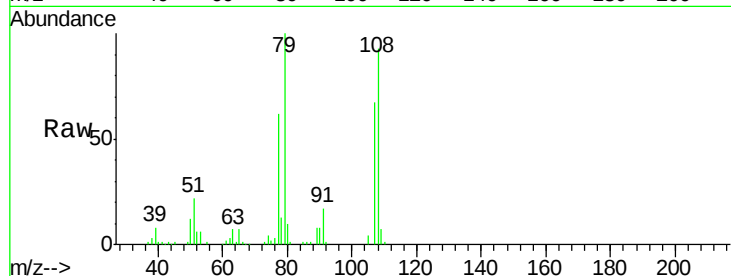
Tot Ion: 79 Resp: 124350

Ion Ratio Lower Upper

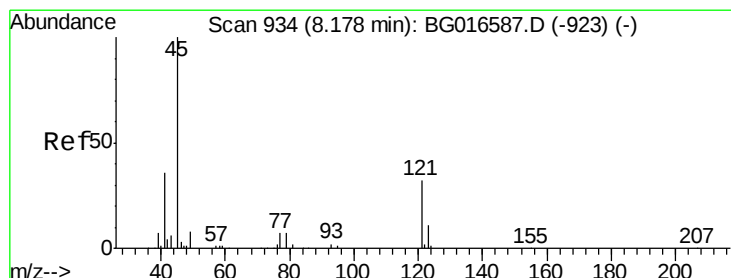
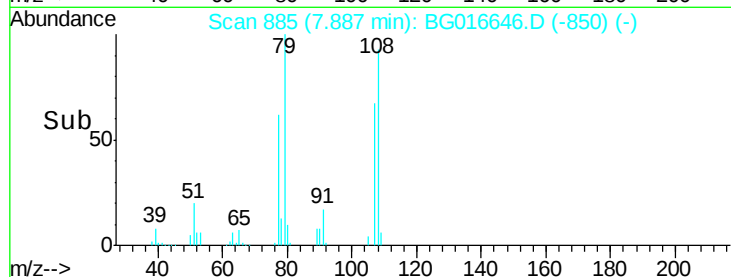
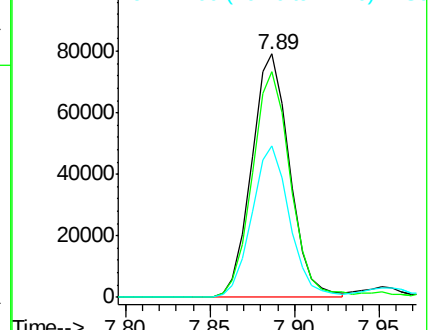
79 100

108 92.8 74.8 112.2

77 62.5 50.0 75.0



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: 44.82 ng

RT: 8.17 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

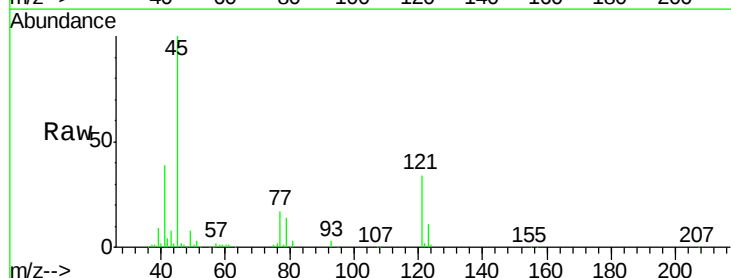
Tgt Ion: 45 Resp: 133480

Ion Ratio Lower Upper

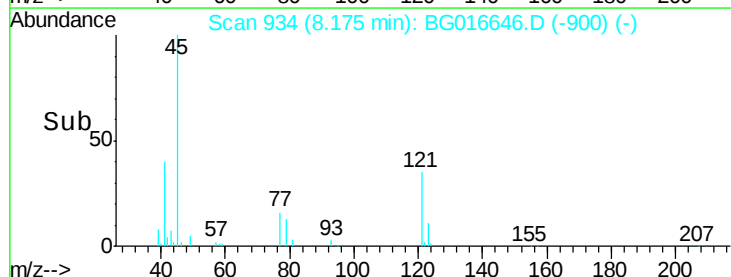
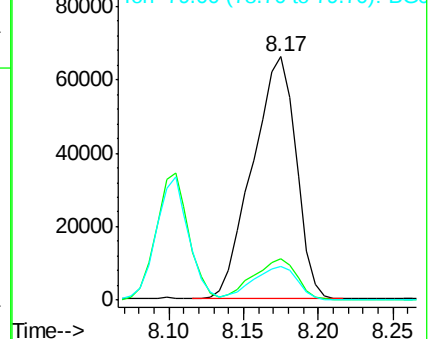
45 100

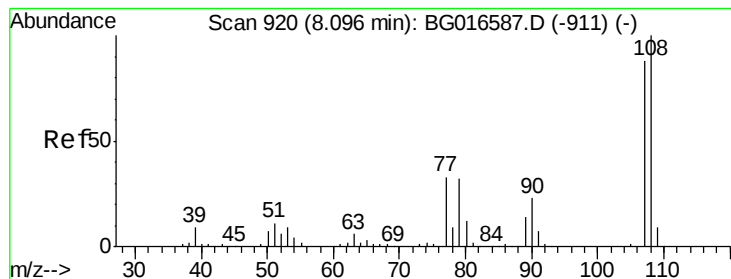
77 17.2 0.0 35.7

79 13.9 0.0 34.3



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





#17

2-Methylphenol

Concen: 51.97 ng

RT: 8.10 min Scan# 922

Delta R.T. 0.01 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 137581

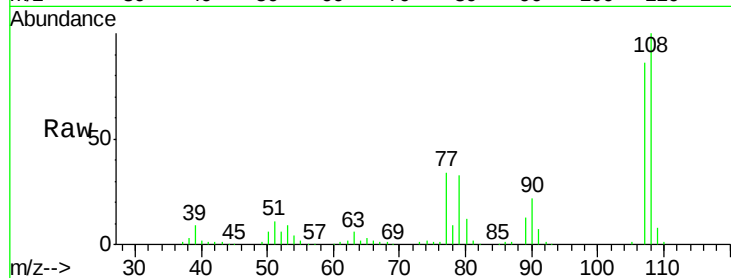
Ion Ratio Lower Upper

107 100

108 115.9 91.6 137.4

77 39.3 30.2 45.4

79 38.2 29.4 44.2

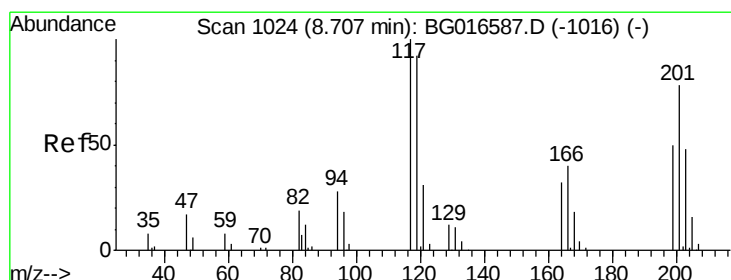
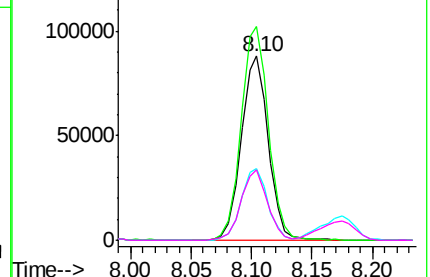
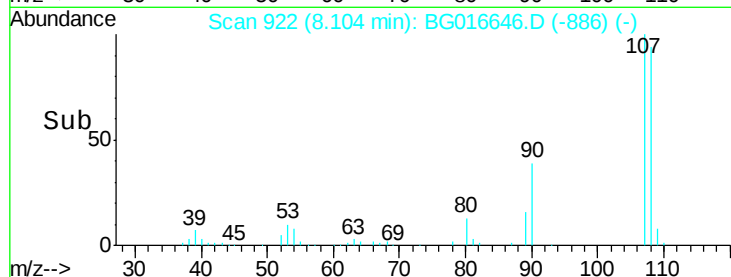


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.92 ng

RT: 8.70 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

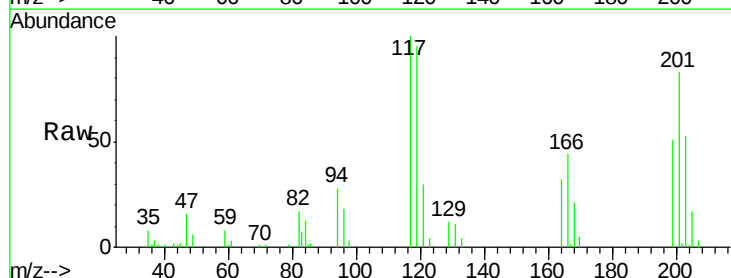
Tgt Ion:117 Resp: 48333

Ion Ratio Lower Upper

117 100

119 95.5 73.8 110.8

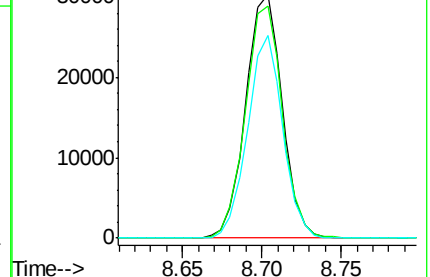
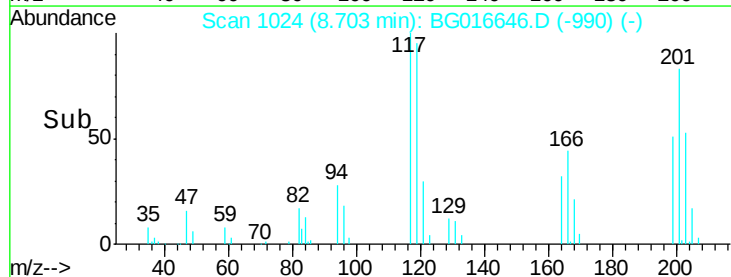
201 83.4 62.2 93.2

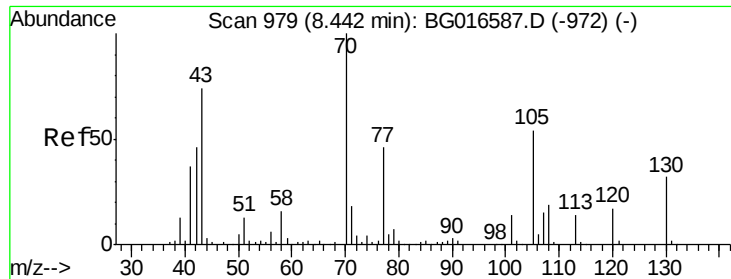


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

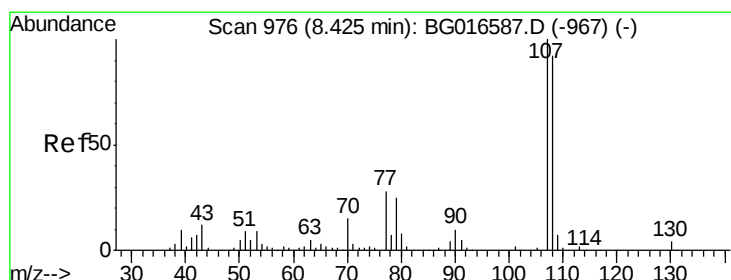
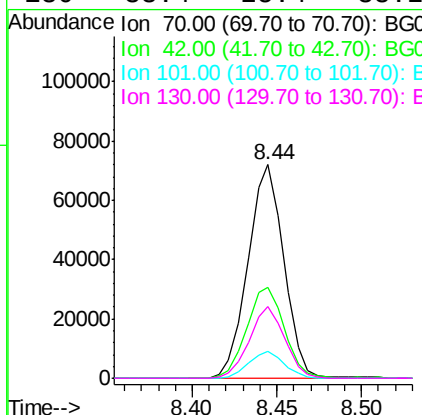
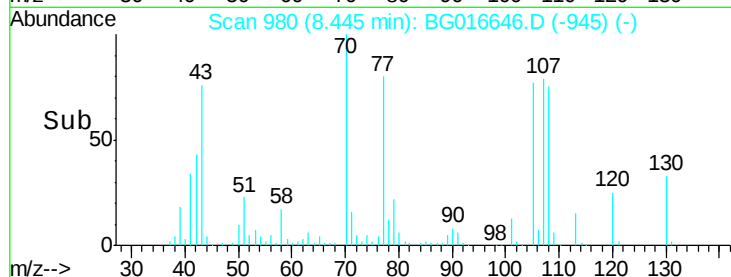
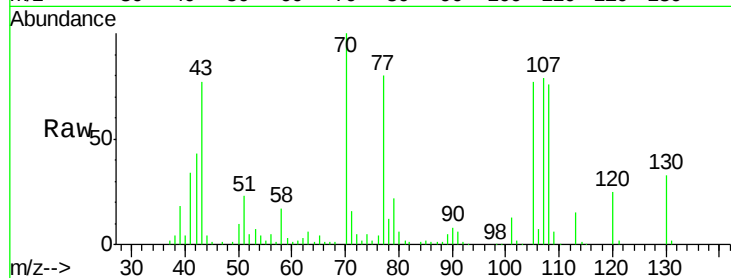




#19
n-Nitroso-di-n-propylamine
Concen: 44.23 ng
RT: 8.44 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

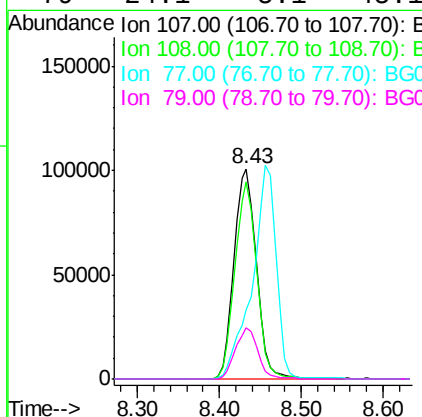
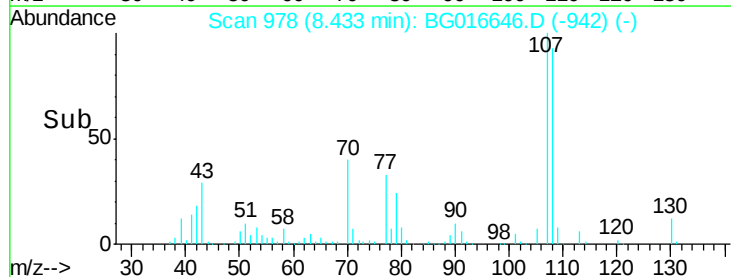
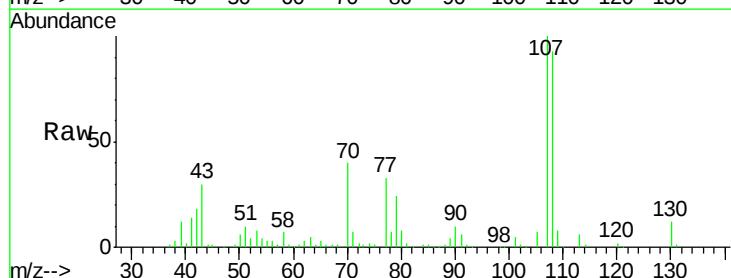
Instrument :
BNA_G
ClientSampleId :

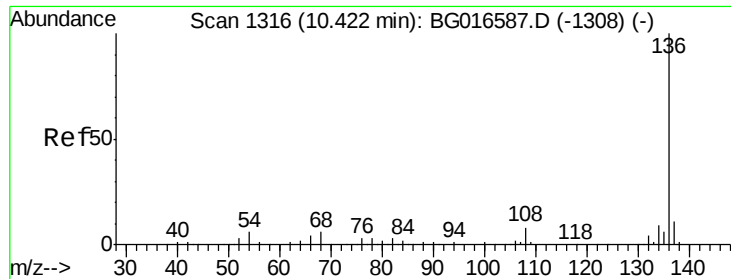
Tot Ion: 70 Resp: 106178
Ion Ratio Lower Upper
70 100
42 42.5 36.9 55.3
101 12.8 10.8 16.2
130 33.4 25.4 38.2



#20
3+4-Methylphenols
Concen: 52.90 ng
RT: 8.43 min Scan# 978
Delta R.T. 0.01 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion: 107 Resp: 192861
Ion Ratio Lower Upper
107 100
108 93.5 71.6 111.6
77 32.8 7.6 47.6
79 24.1 5.1 45.1

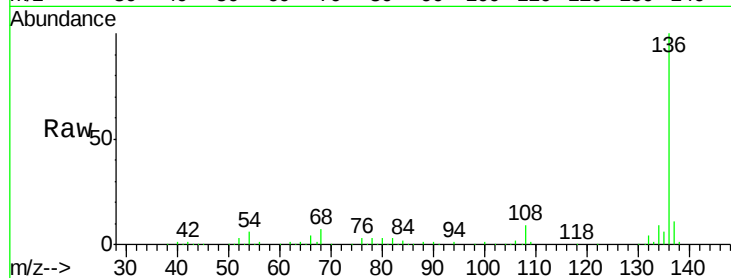




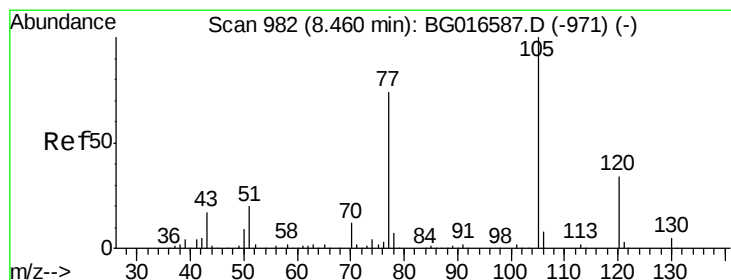
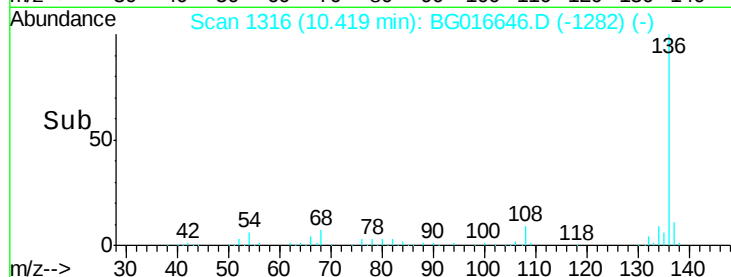
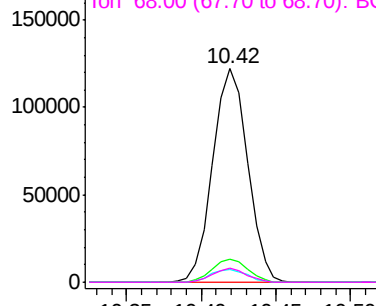
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	198583
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	5.8	4.9 7.3
68	6.5	4.9 7.3

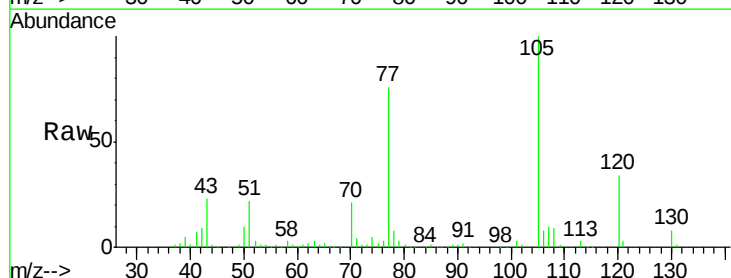


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

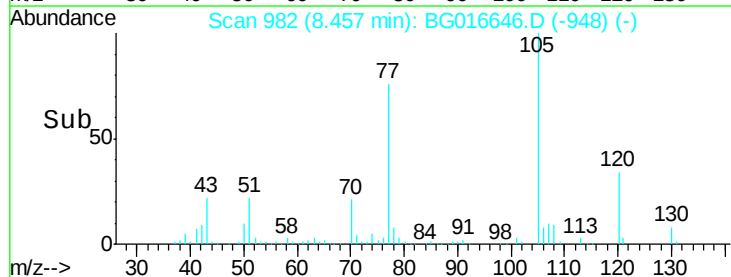
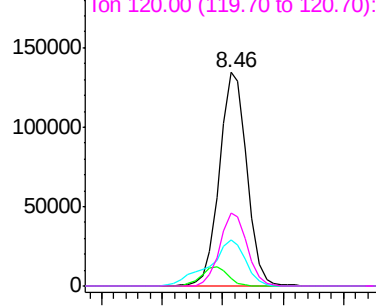


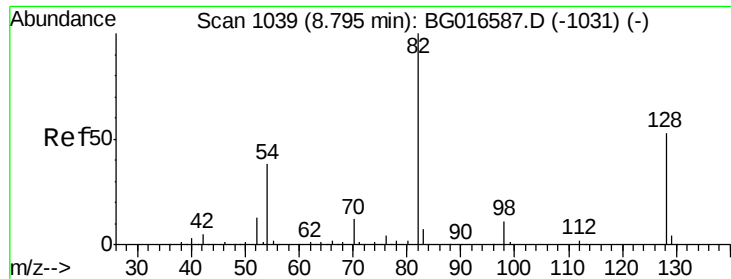
#22
Acetophenone
Concen: 48.29 ng
RT: 8.46 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion:105	Resp:	213614
Ion Ratio	Lower	Upper
105	100	
71	3.8	1.8 2.6#
51	21.7	16.5 24.7
120	34.1	26.8 40.2



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

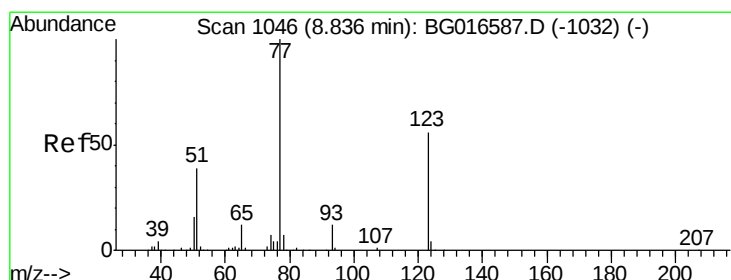
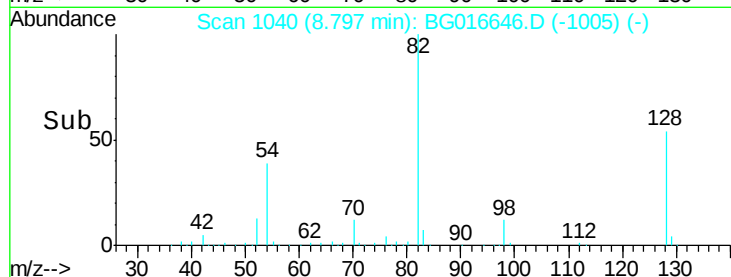
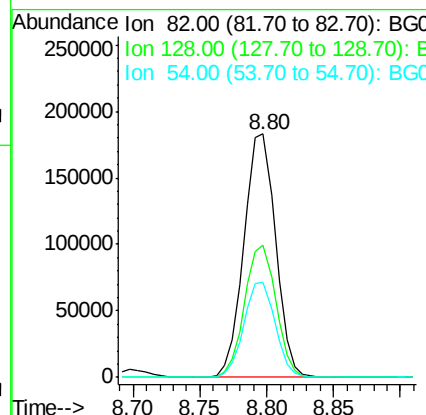
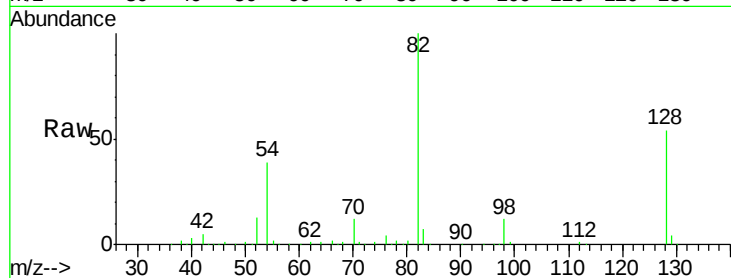




#23
 Nitrobenzene-d5
 Concen: 93.14 ng
 RT: 8.80 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

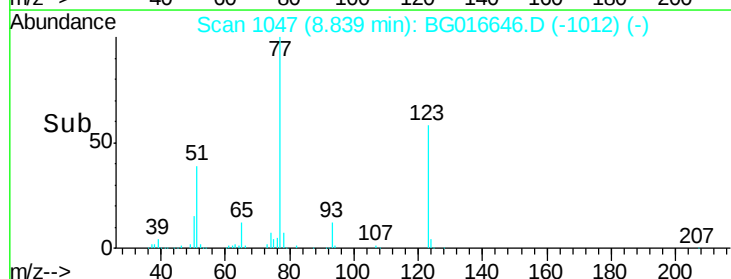
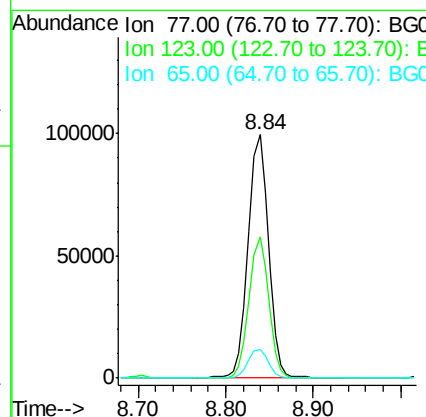
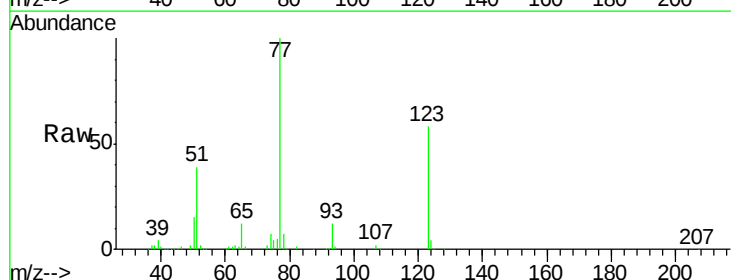
Instrument :
 BNA_G
 ClientSampled :

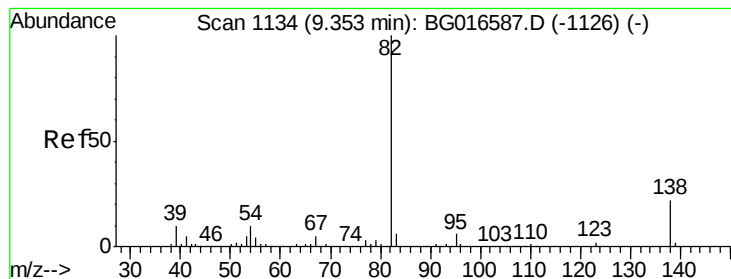
Tot Ion: 82 Resp: 300377
 Ion Ratio Lower Upper
 82 100
 128 54.4 42.7 64.1
 54 39.0 30.6 45.8



#24
 Nitrobenzene
 Concen: 46.51 ng
 RT: 8.84 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Tgt Ion: 77 Resp: 156105
 Ion Ratio Lower Upper
 77 100
 123 58.0 44.8 67.2
 65 11.5 9.8 14.6





#25

Isophorone

Concen: 46.82 ng

RT: 9.36 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

ClientSampled :

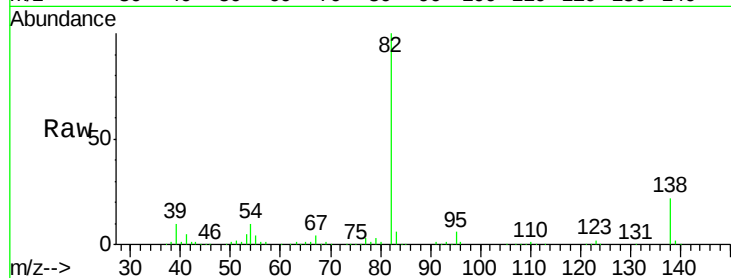
Tot Ion: 82 Resp: 309162

Ion Ratio Lower Upper

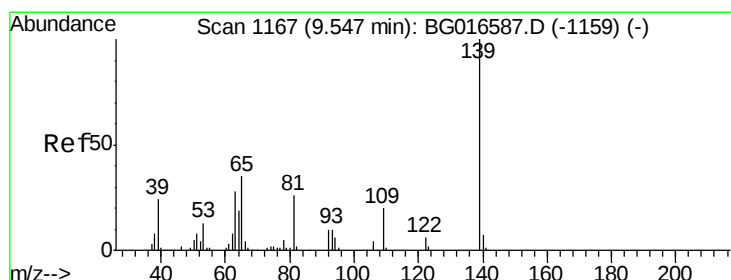
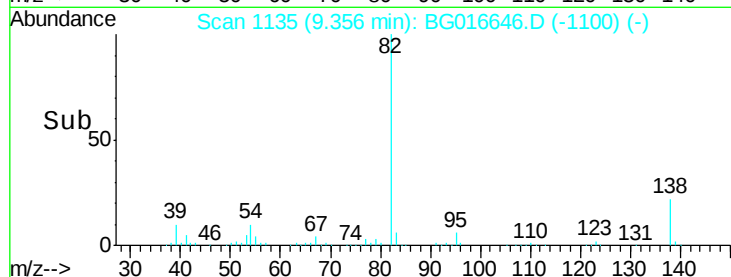
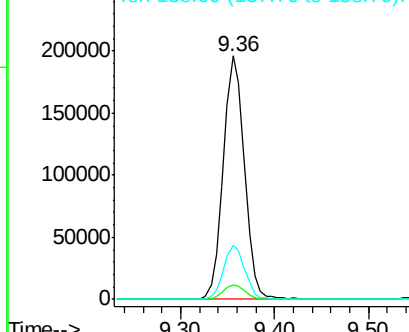
82 100

95 6.1 4.9 7.3

138 22.5 17.7 26.5



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: 51.36 ng

RT: 9.54 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

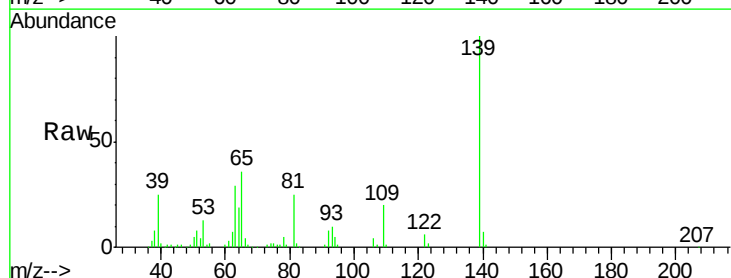
Tgt Ion: 139 Resp: 95179

Ion Ratio Lower Upper

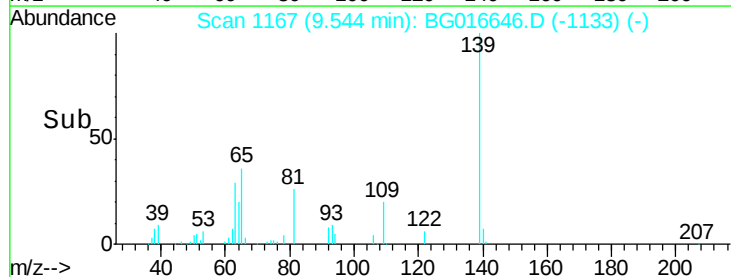
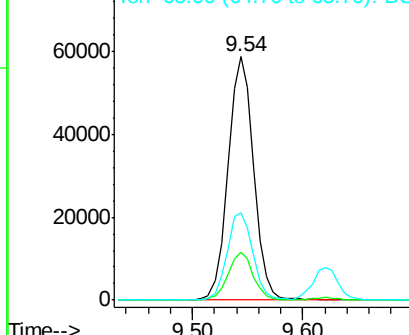
139 100

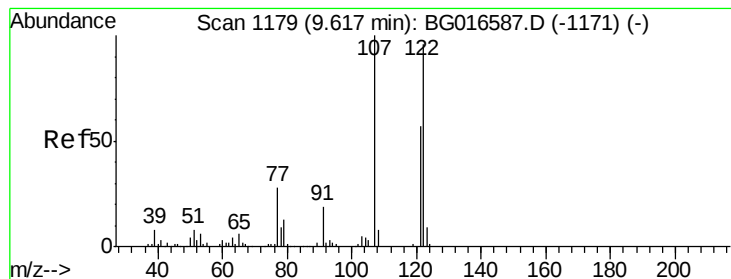
109 19.8 16.2 24.2

65 36.2 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: 54.36 ng

RT: 9.62 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

ClientSampleId :

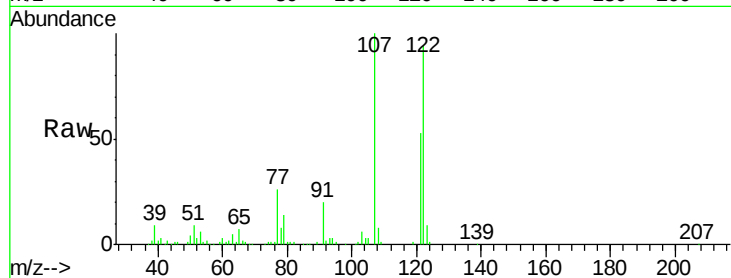
Tot Ion:122 Resp: 171327

Ion Ratio Lower Upper

122 100

107 106.3 82.9 124.3

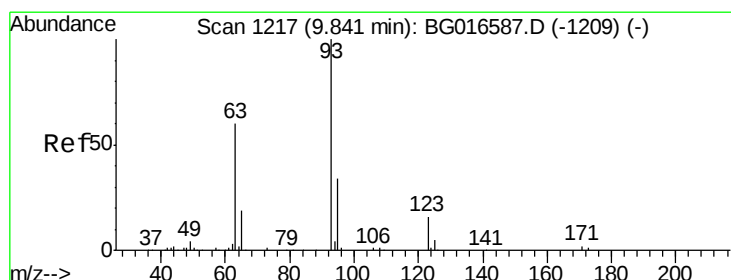
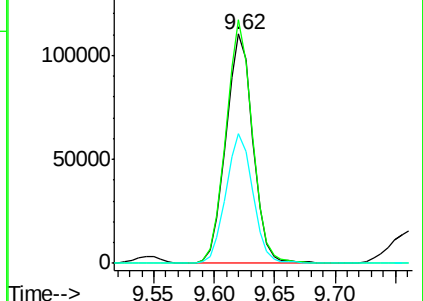
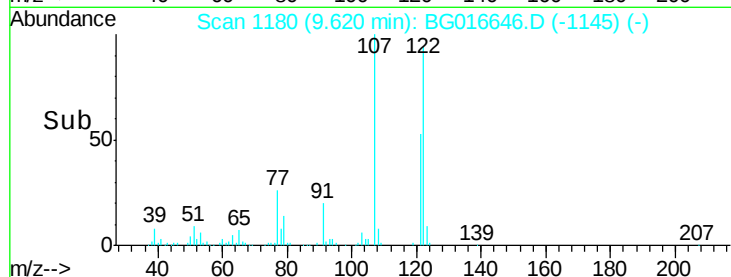
121 56.4 47.0 70.4



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: 46.52 ng

RT: 9.84 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

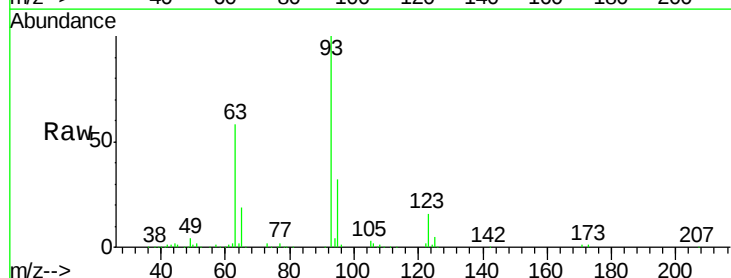
Tgt Ion: 93 Resp: 184168

Ion Ratio Lower Upper

93 100

95 31.9 26.9 40.3

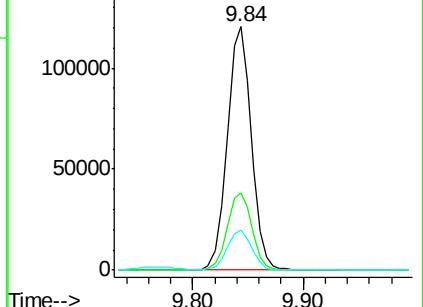
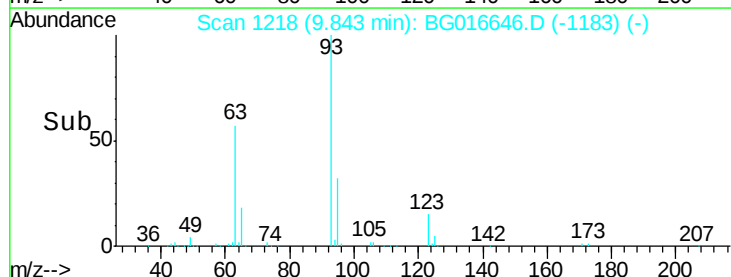
123 16.4 13.0 19.6

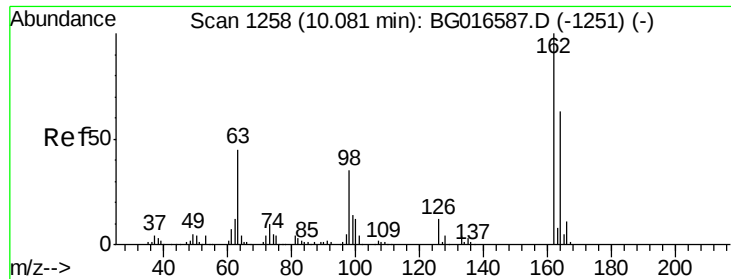


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

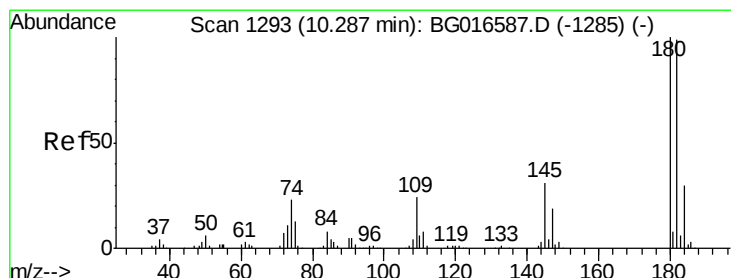
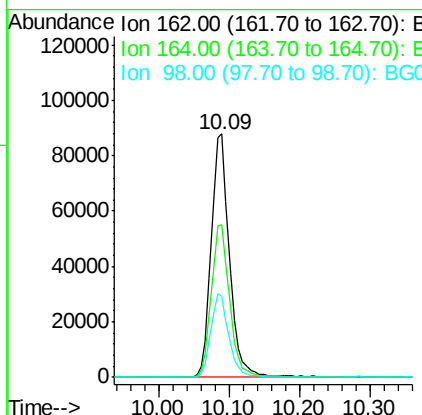
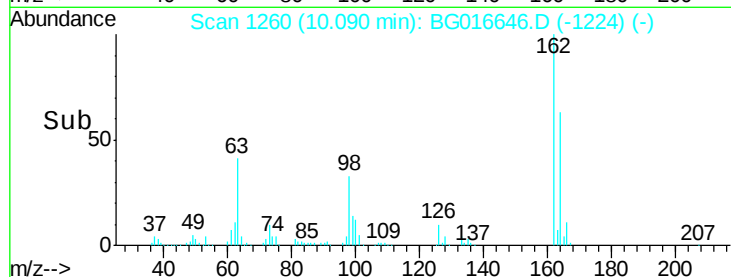
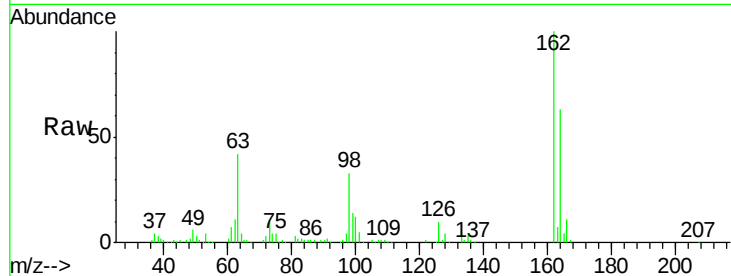




#29
 2,4-Dichlorophenol
 Concen: 60.87 ng
 RT: 10.09 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

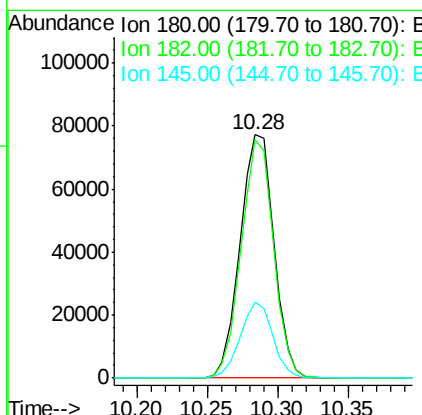
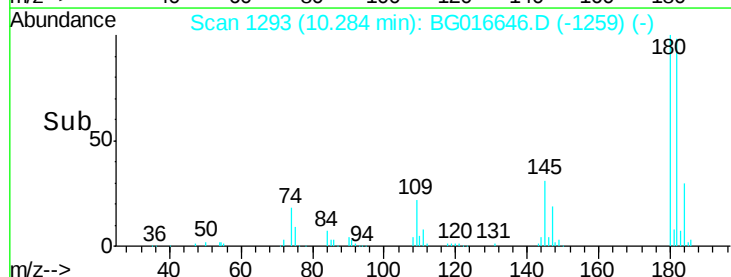
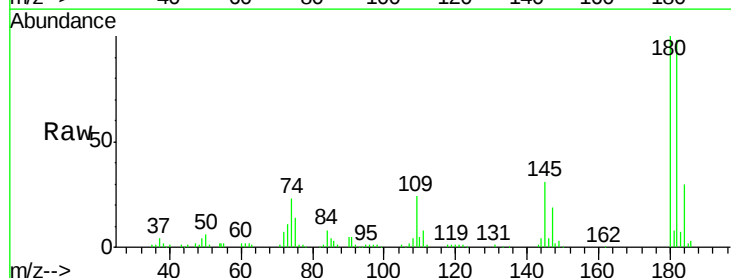
Instrument :
 BNA_G
 ClientSampleId :

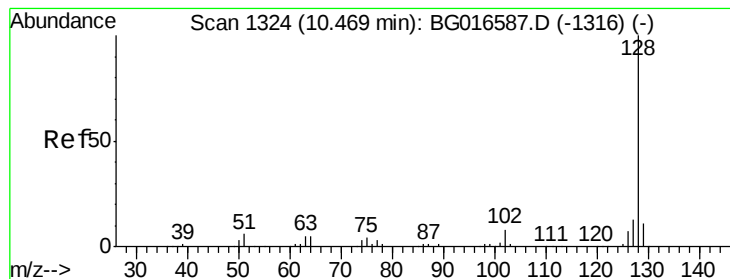
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	42.6	82.6
98	33.1	15.1	55.1



#30
 1,2,4-Trichlorobenzene
 Concen: 46.93 ng
 RT: 10.28 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	78.9	118.3
145	31.3	24.8	37.2





#31

Naphthalene

Concen: 47.60 ng

RT: 10.47 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

ClientSampleId :

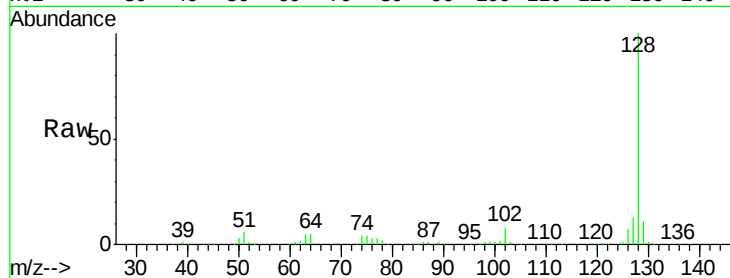
Tot Ion:128 Resp: 493493

Ion Ratio Lower Upper

128 100

129 11.1 9.2 13.8

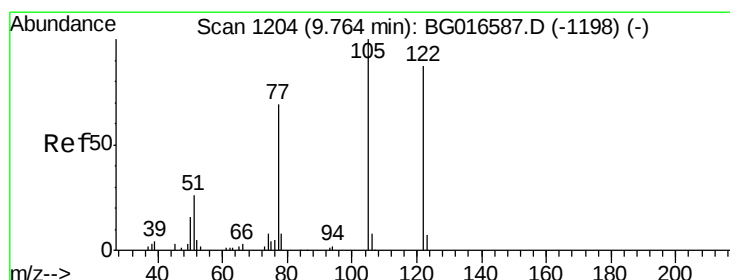
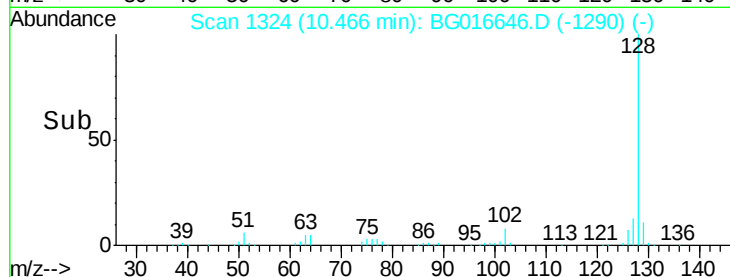
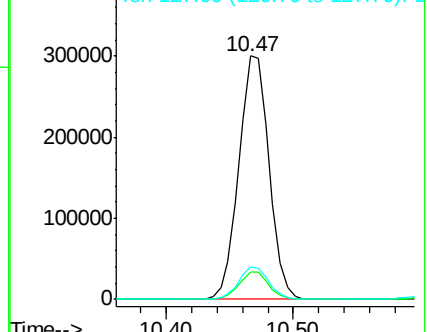
127 13.3 10.6 16.0



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: 51.11 ng

RT: 9.77 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

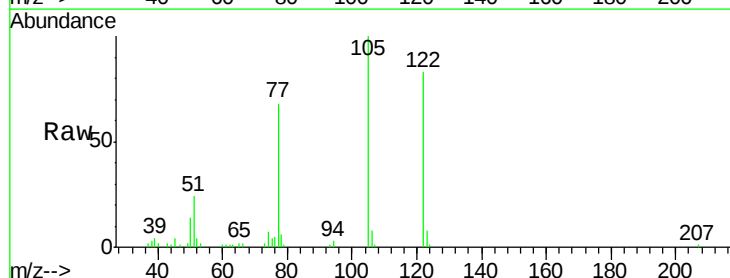
Tgt Ion:122 Resp: 60313

Ion Ratio Lower Upper

122 100

105 120.8 95.5 135.5

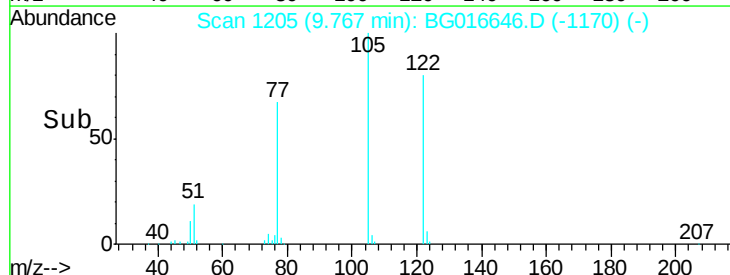
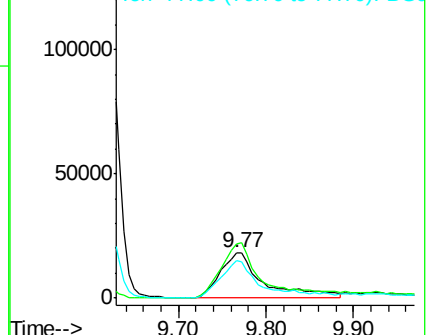
77 82.0 60.2 100.2

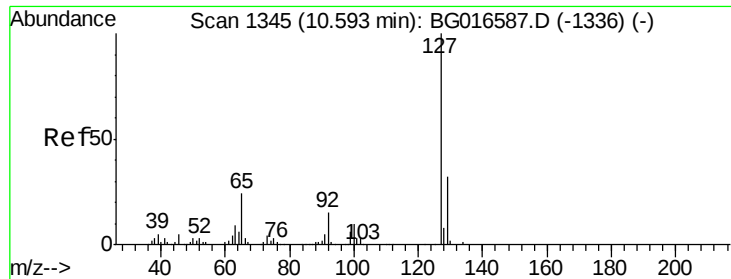


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

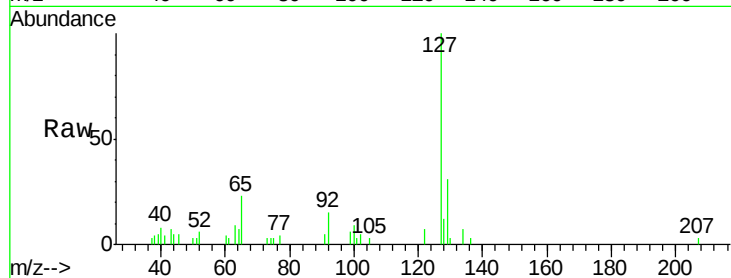




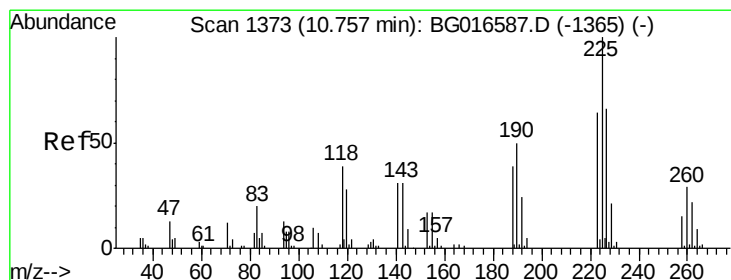
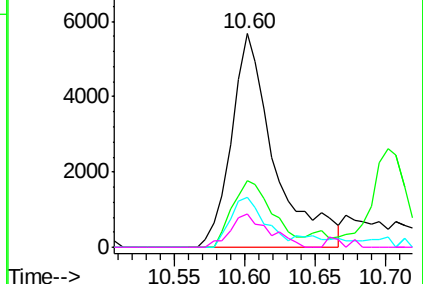
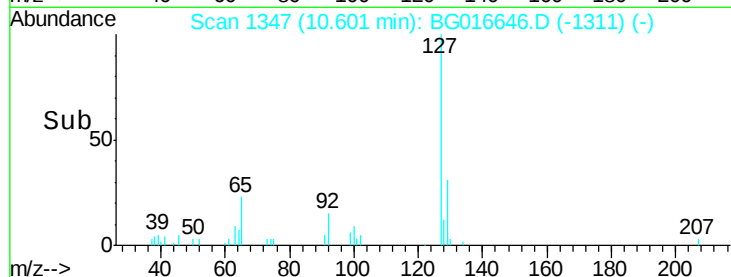
#33
4-Chloroaniline
Concen: 2.52 ng
RT: 10.60 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	11961
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.4	38.0
65	23.1	19.0	28.4
92	15.5	12.3	18.5

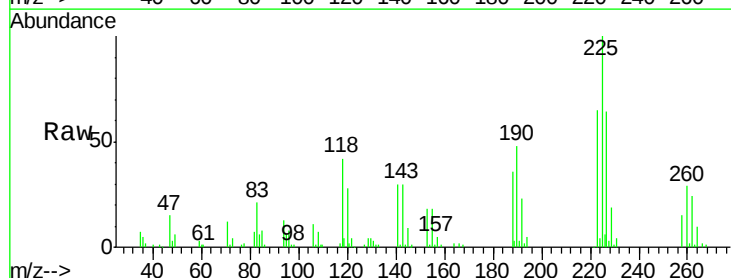


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

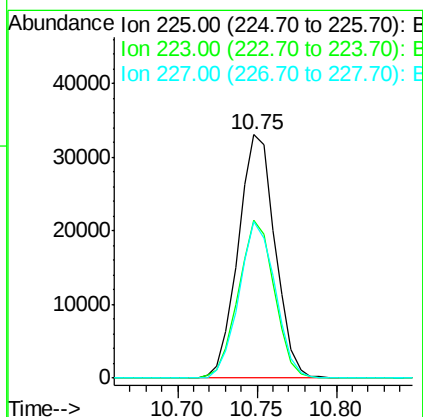
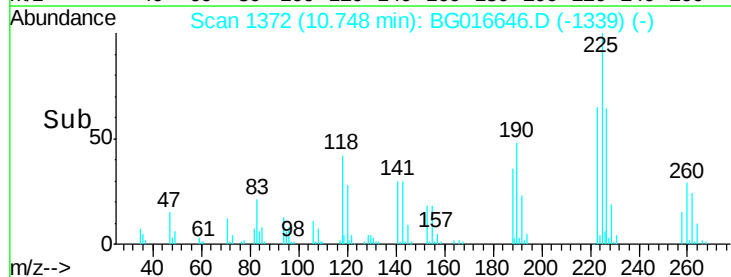


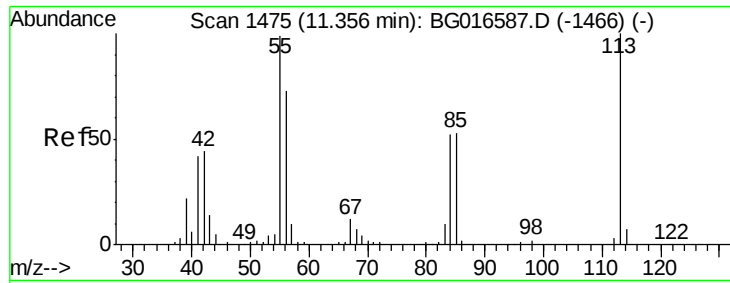
#34
Hexachlorobutadiene
Concen: 43.30 ng
RT: 10.75 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion:	225	Resp:	53313
Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.0	76.4
227	64.4	52.7	79.1



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: 28.97 ng

RT: 11.38 min Scan# 1479

Delta R.T. 0.02 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

ClientSampled :

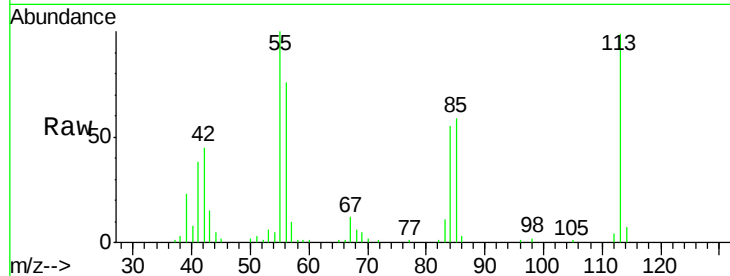
Tot Ion:113 Resp: 43707

Ion Ratio Lower Upper

113 100

55 101.1 79.2 119.2

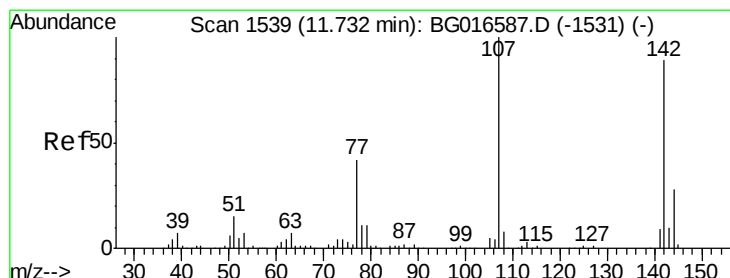
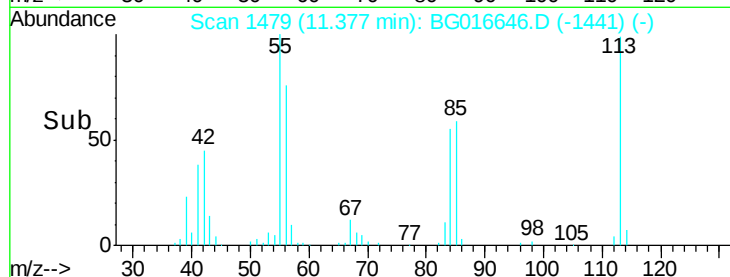
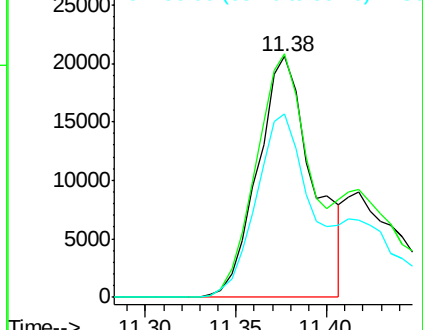
56 76.3 53.2 93.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 59.77 ng

RT: 11.75 min Scan# 1542

Delta R.T. 0.01 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

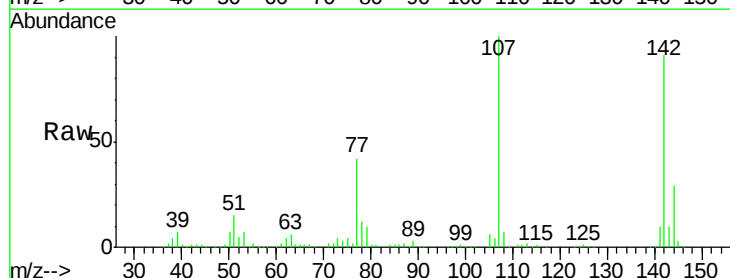
Tgt Ion:107 Resp: 188084

Ion Ratio Lower Upper

107 100

144 29.5 22.3 33.5

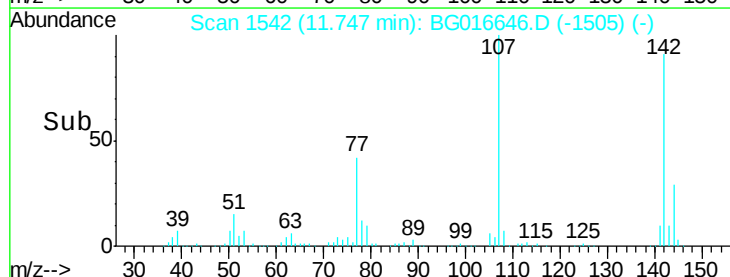
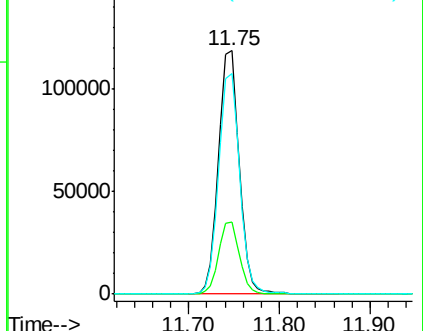
142 90.5 71.3 106.9

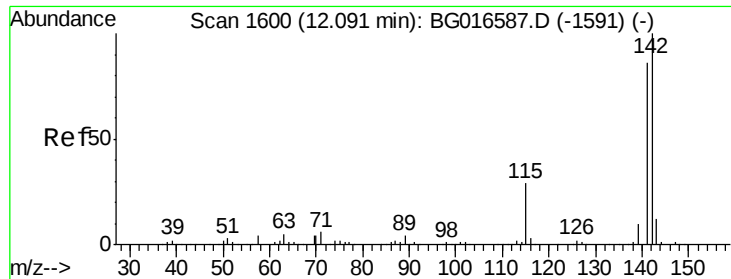


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

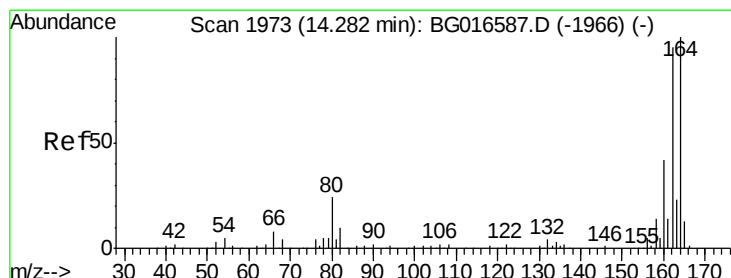
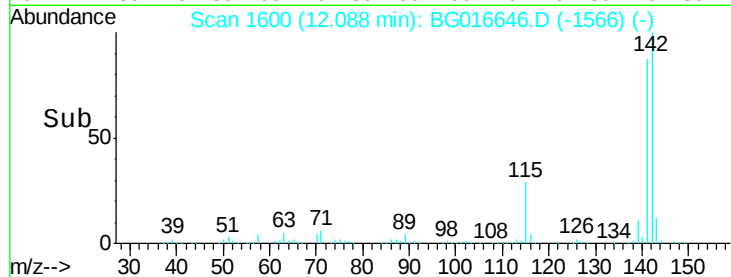
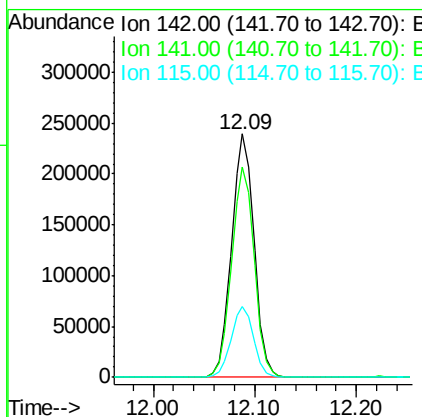
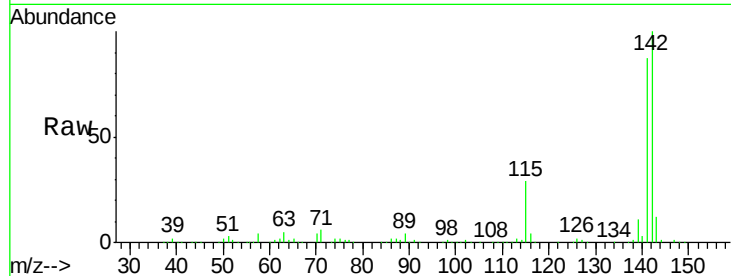




#37
2-Methylnaphthalene
Concen: 49.71 ng
RT: 12.09 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

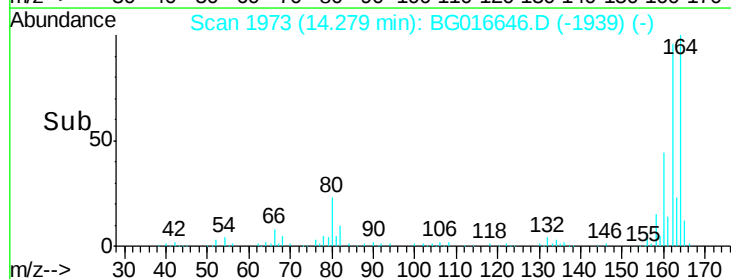
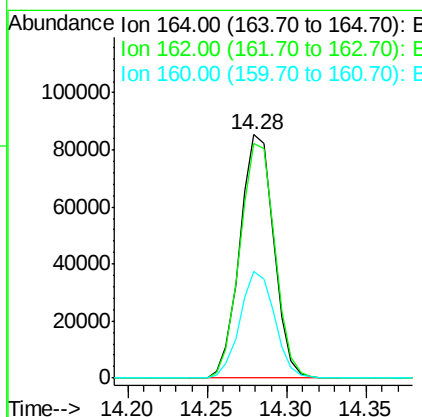
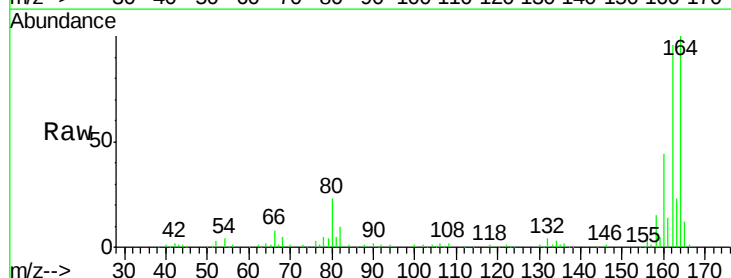
Instrument :
BNA_G
ClientSampleId :

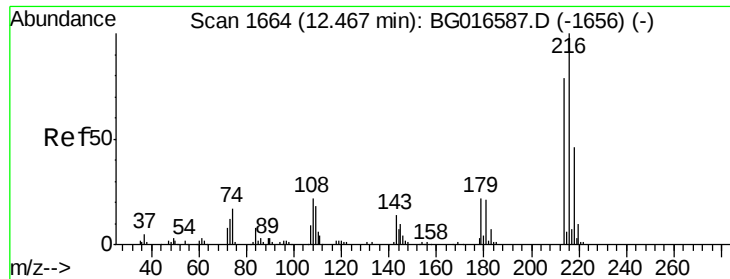
Tot Ion:142 Resp: 368895
Ion Ratio Lower Upper
142 100
141 86.6 68.6 102.8
115 29.3 23.3 34.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.28 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion:164 Resp: 126533
Ion Ratio Lower Upper
164 100
162 96.3 75.8 113.6
160 43.7 33.8 50.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.40 ng

RT: 12.46 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 129249

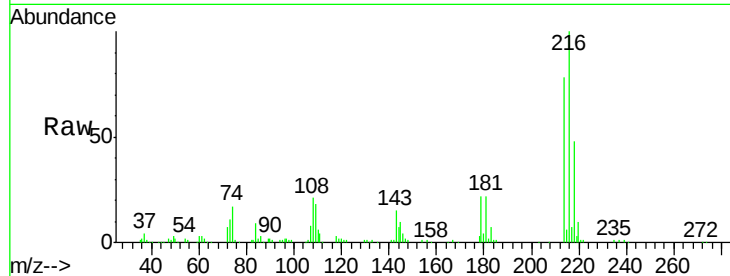
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.6

179 22.2 18.4 27.6

108 23.9 19.4 29.0

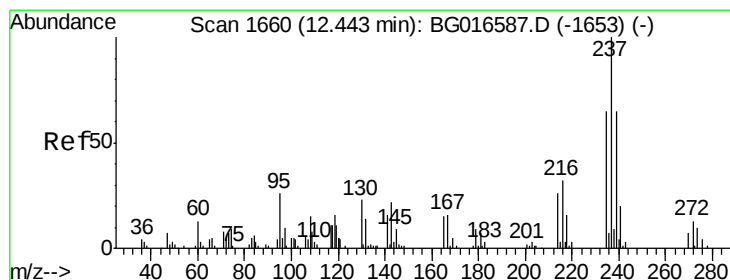
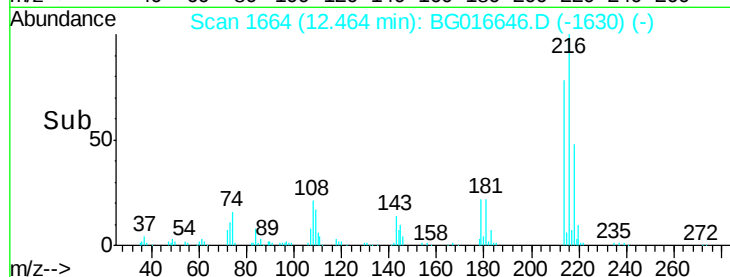
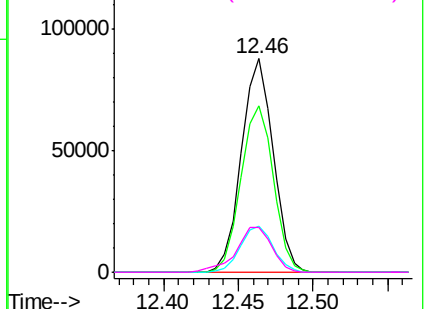


Abundance Ion 216.00 (215.70 to 216.70): E

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: 63.47 ng

RT: 12.43 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

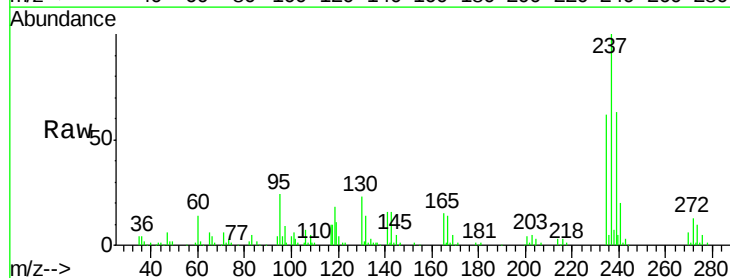
Tgt Ion:237 Resp: 70987

Ion Ratio Lower Upper

237 100

235 62.1 44.7 84.7

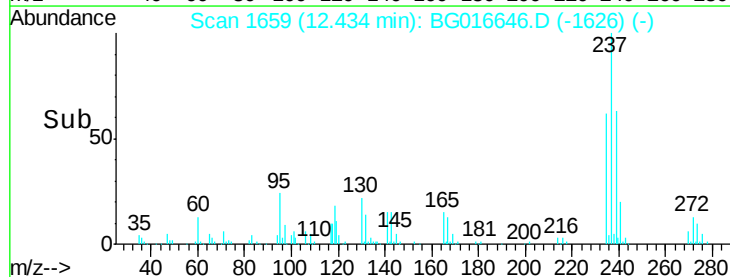
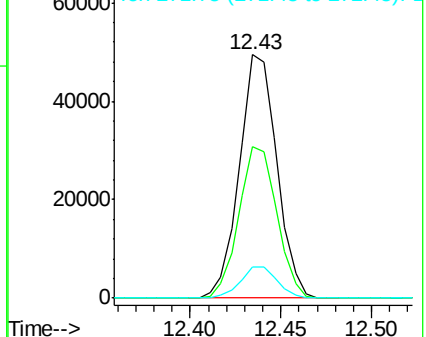
272 12.6 0.0 32.6

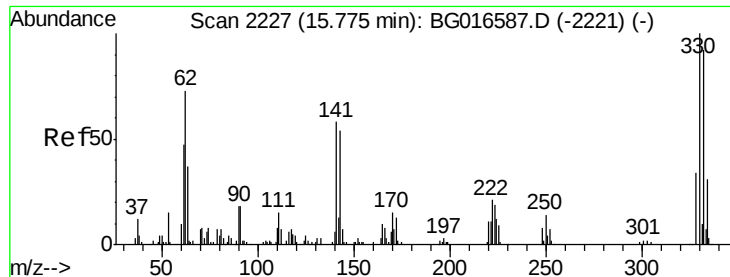


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

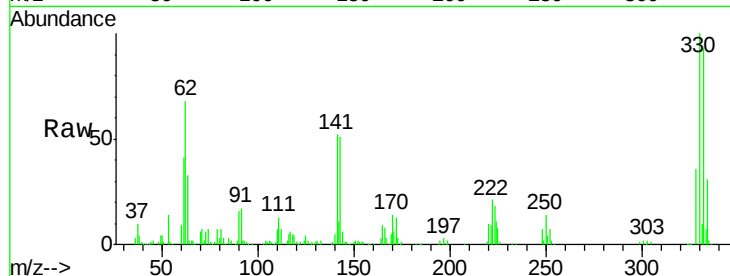




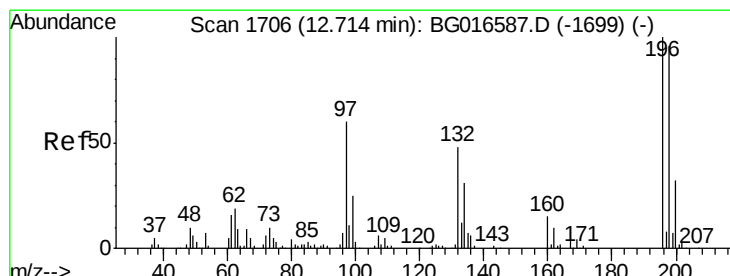
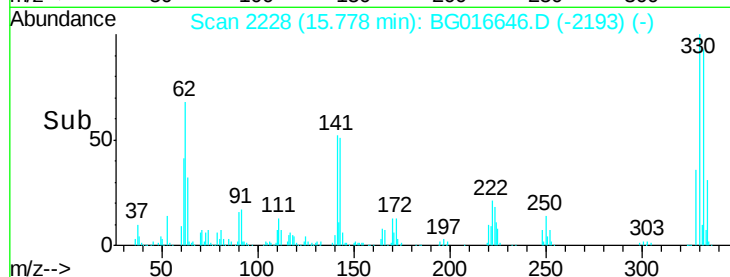
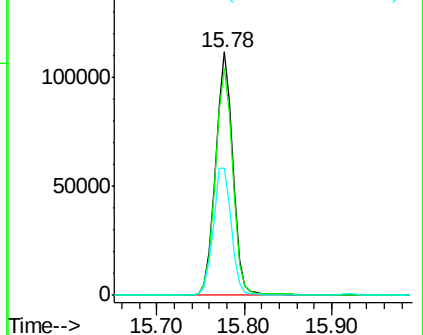
#41
 2,4,6-Tribromophenol
 Concen: 180.22 ng
 RT: 15.78 min Scan# 2228
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 154876
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.6 114.8
 141 54.8 45.9 68.9

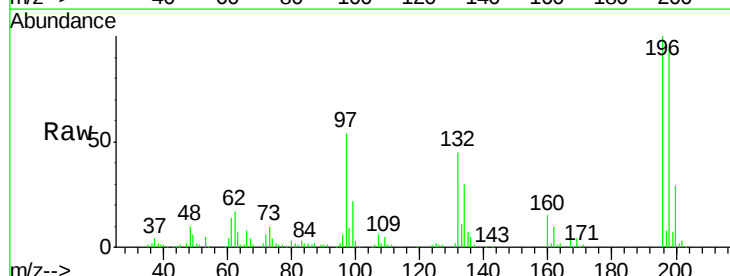


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

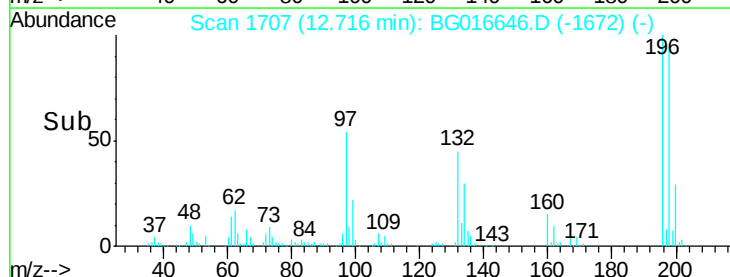
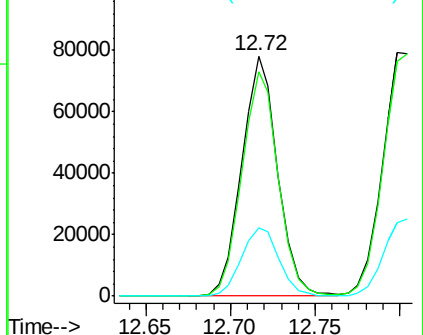


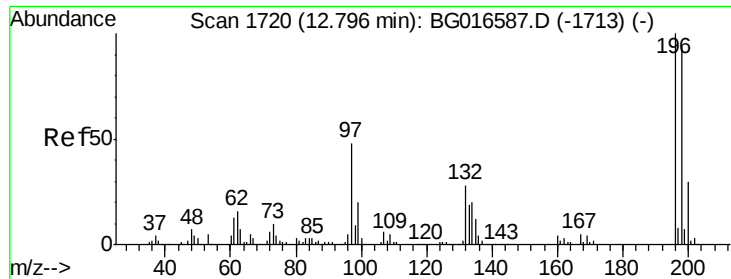
#42
 2,4,6-Trichlorophenol
 Concen: 55.86 ng
 RT: 12.72 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Tgt Ion:196 Resp: 115134
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.6 114.8
 200 28.6 25.8 38.6



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

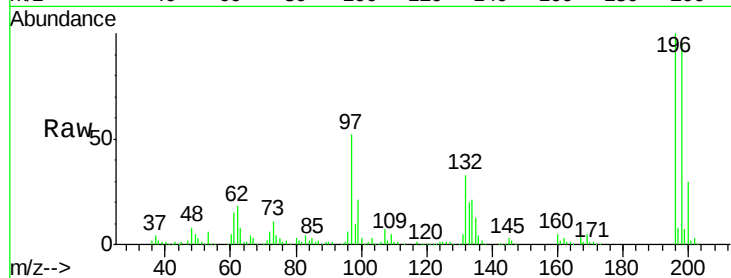




#43
 2,4,5-Trichlorophenol
 Concen: 59.45 ng
 RT: 12.80 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		130655		
198	96.4	75.4	113.2		
97	52.1	38.9	58.3		
132	33.3	22.6	33.8		



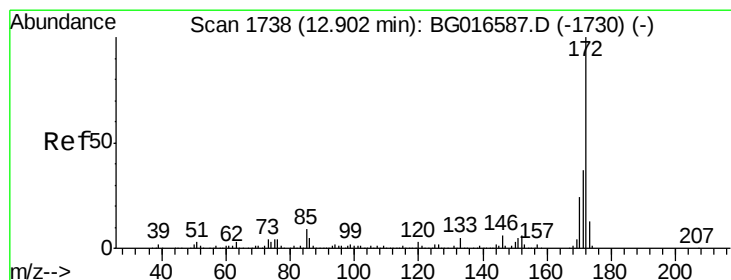
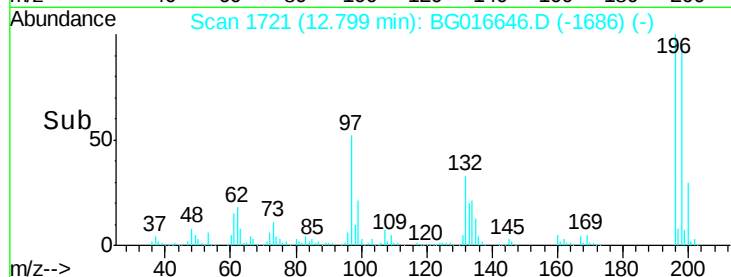
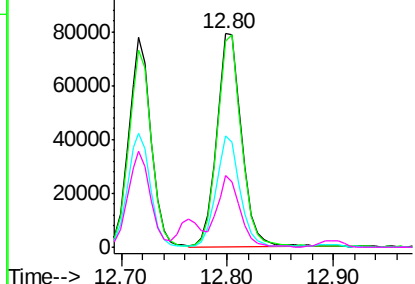
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

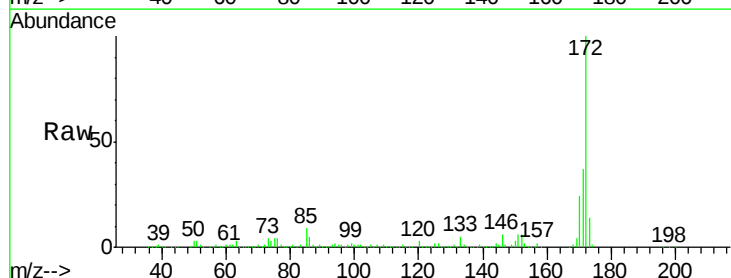
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.20 ng
 RT: 12.90 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		712067		
171	37.3	29.6	44.4		
170	24.2	19.4	29.0		

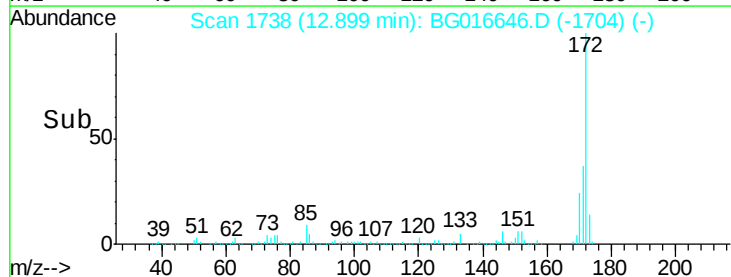
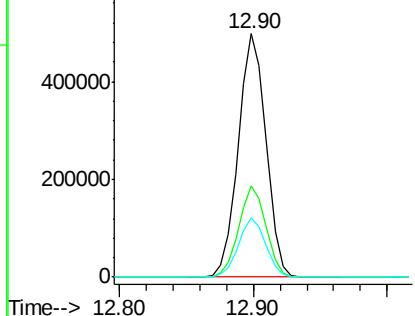


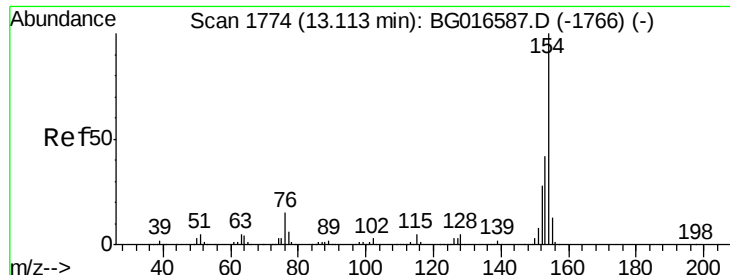
Abundance

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

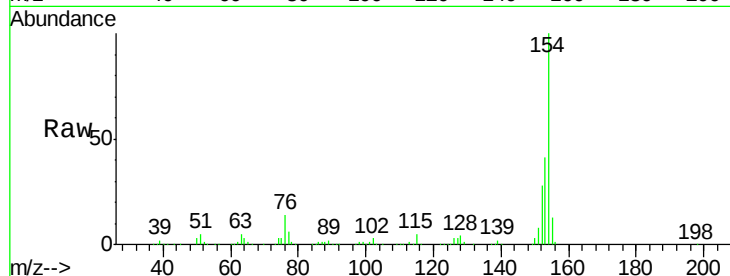




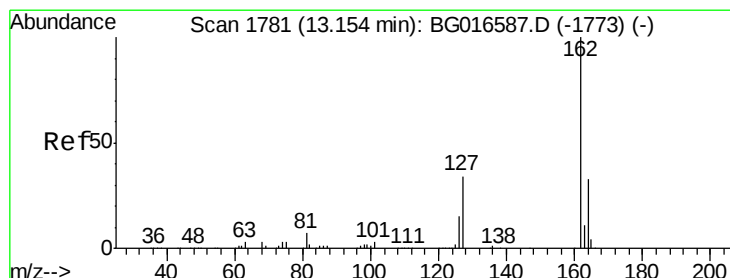
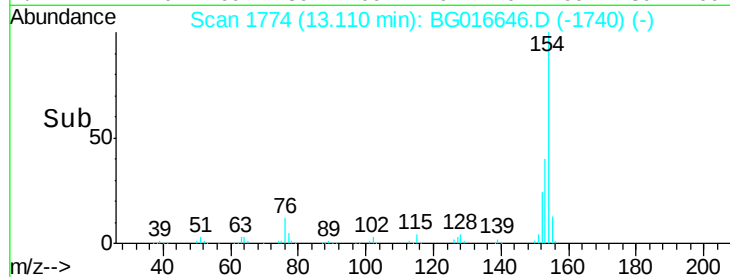
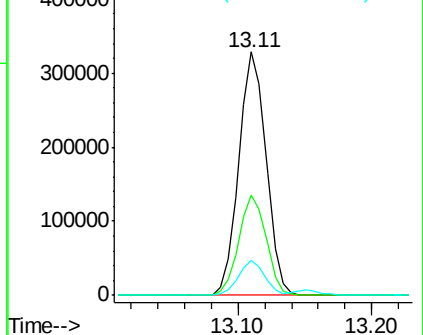
#45
 1,1'-Biphenyl
 Concen: 47.56 ng
 RT: 13.11 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:154 Resp: 463428
 Ion Ratio Lower Upper
 154 100
 153 41.3 22.4 62.4
 76 14.1 0.0 35.1

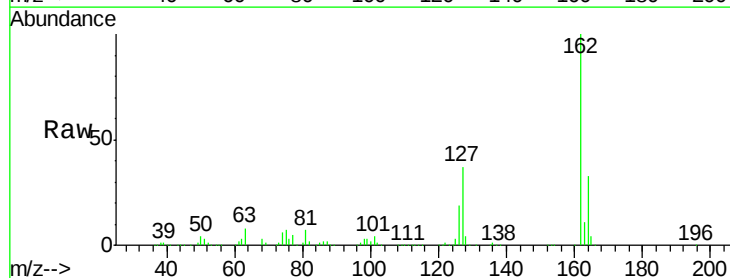


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

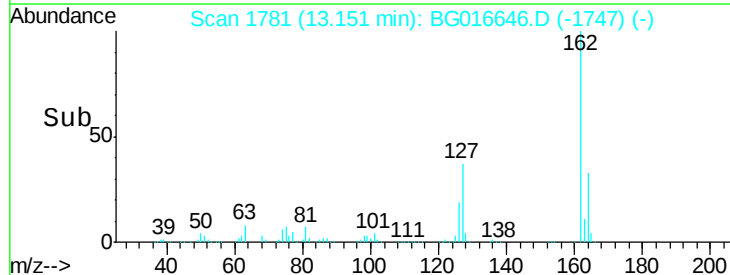
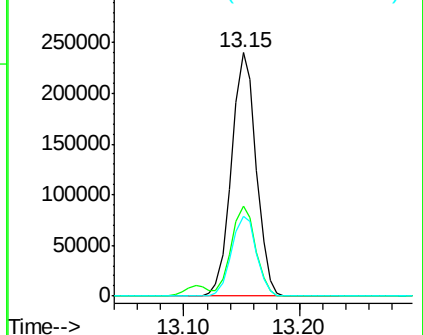


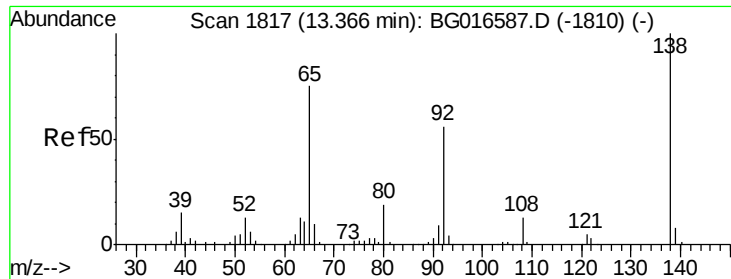
#46
 2-Chloronaphthalene
 Concen: 47.44 ng
 RT: 13.15 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Tgt Ion:162 Resp: 354013
 Ion Ratio Lower Upper
 162 100
 127 37.0 30.3 45.5
 164 32.8 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

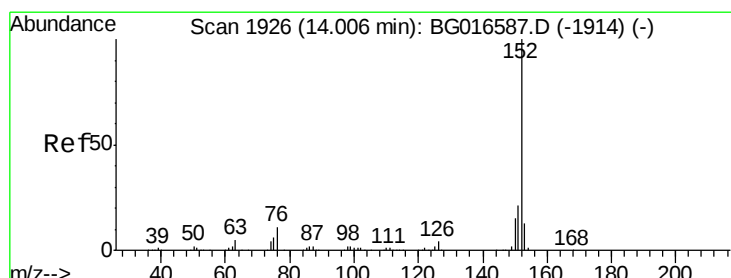
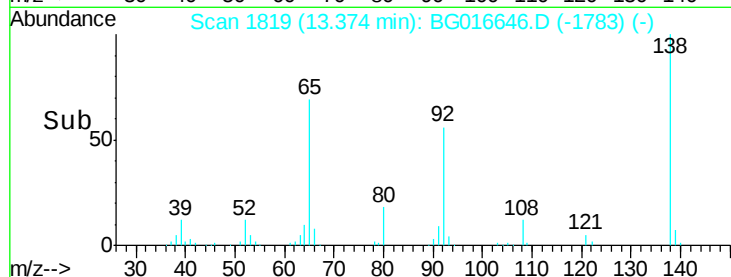
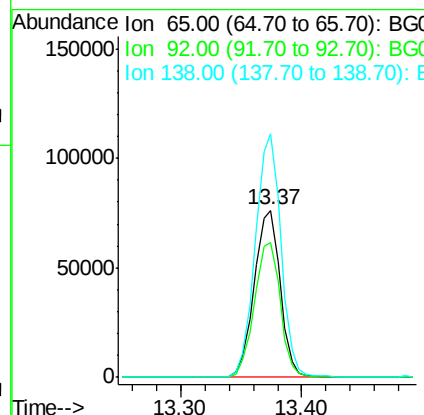
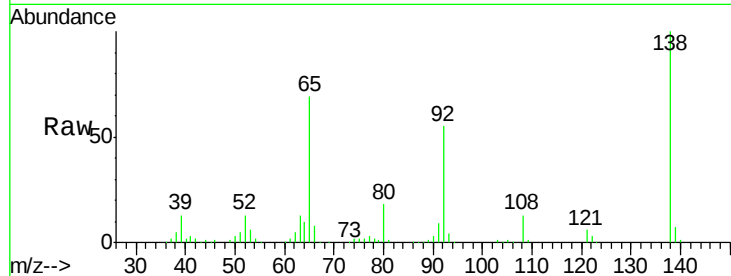




#47
2-Nitroaniline
Concen: 52.85 ng
RT: 13.37 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

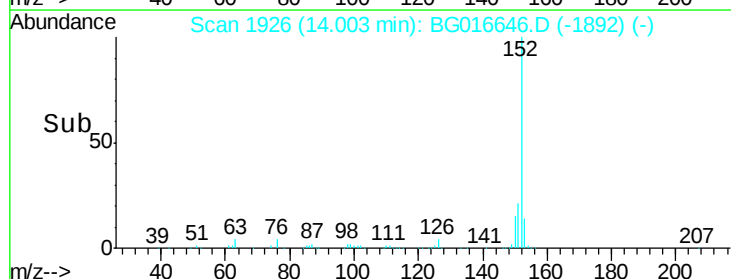
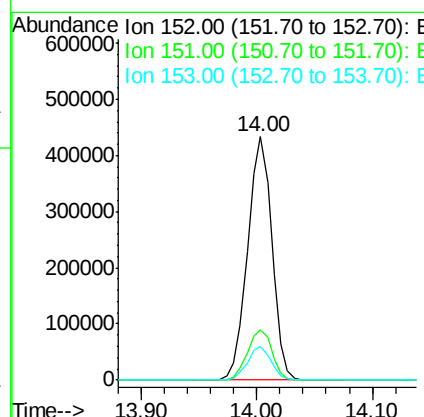
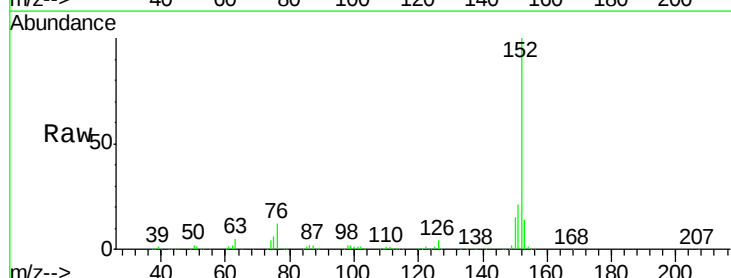
Instrument :
BNA_G
ClientSampled :

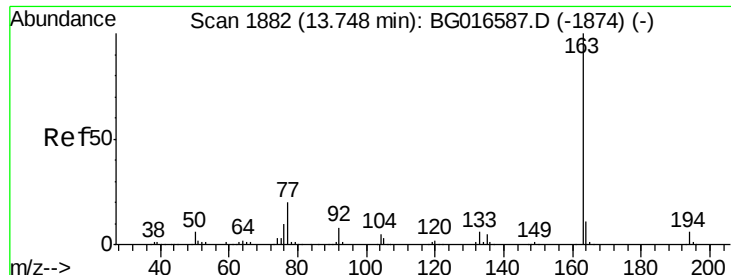
Tot Ion: 65 Resp: 115040
Ion Ratio Lower Upper
65 100
92 80.8 60.3 90.5
138 145.9 106.9 160.3



#48
Acenaphthylene
Concen: 47.76 ng
RT: 14.00 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion: 152 Resp: 632798
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0
153 13.6 10.4 15.6





#49

Dimethylphthalate

Concen: 49.48 ng

RT: 13.75 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

ClientSampled :

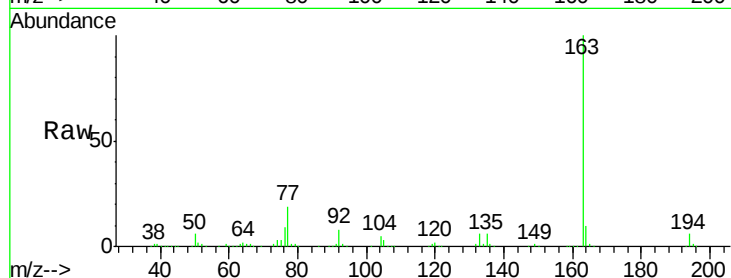
Tot Ion:163 Resp: 462931

Ion Ratio Lower Upper

163 100

194 6.1 4.9 7.3

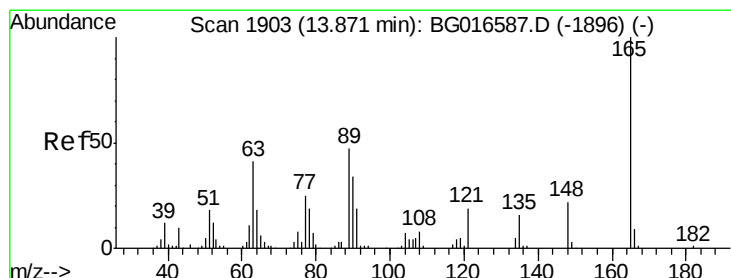
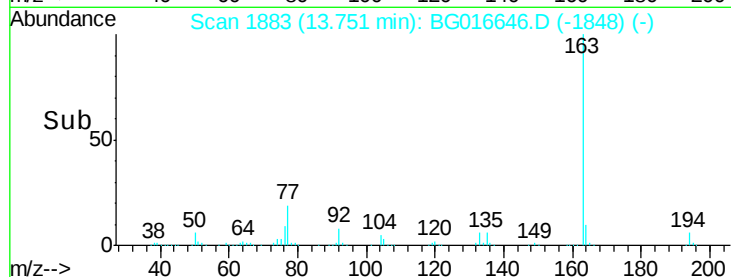
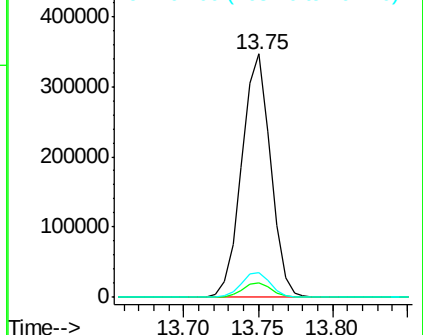
164 10.0 8.6 12.8



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: 52.06 ng

RT: 13.87 min Scan# 1904

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

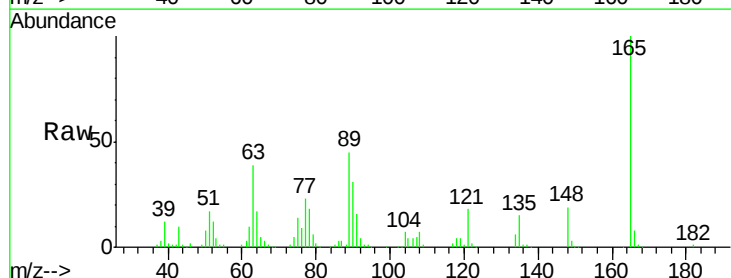
Tgt Ion:165 Resp: 119621

Ion Ratio Lower Upper

165 100

63 38.5 33.8 50.8

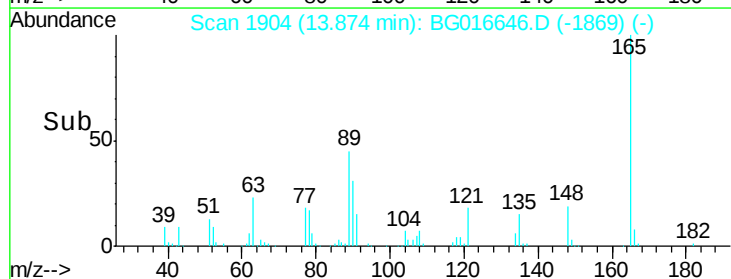
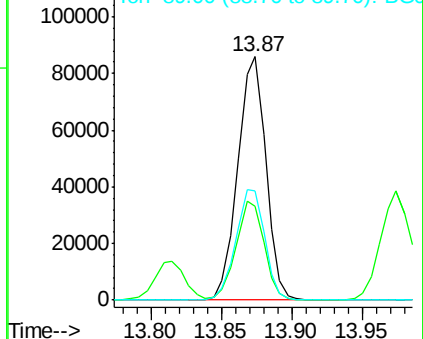
89 45.0 37.8 56.8

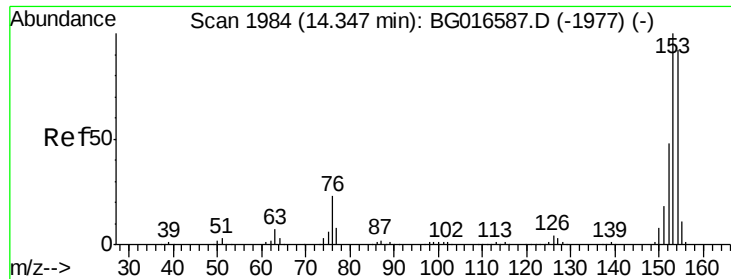


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 48.77 ng

RT: 14.34 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

ClientSampleId :

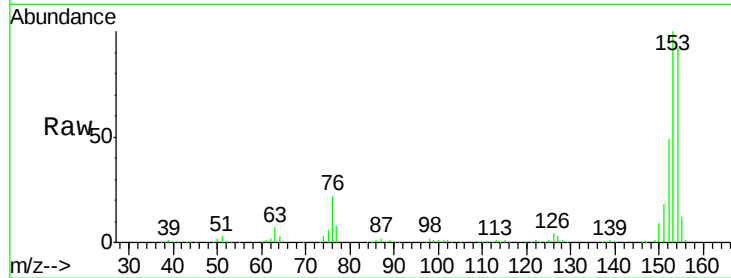
Tot Ion:154 Resp: 385514

Ion Ratio Lower Upper

154 100

153 108.2 87.3 130.9

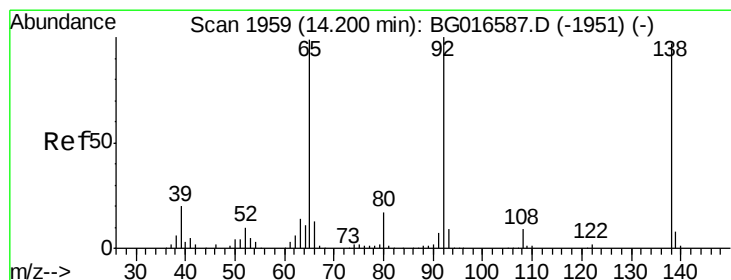
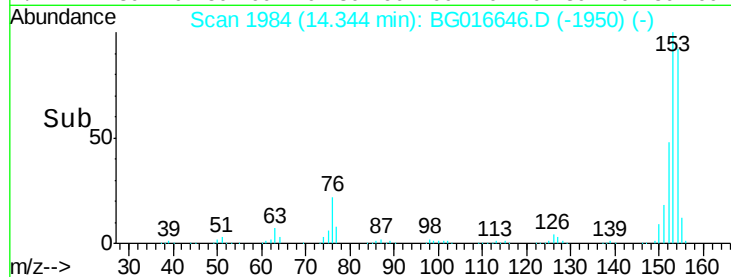
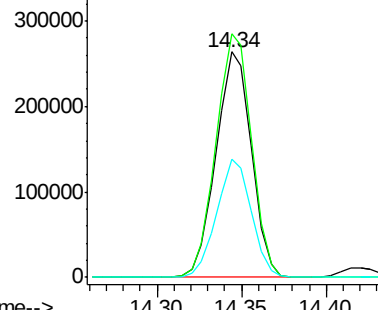
152 52.5 41.4 62.2



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: 17.09 ng

RT: 14.20 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

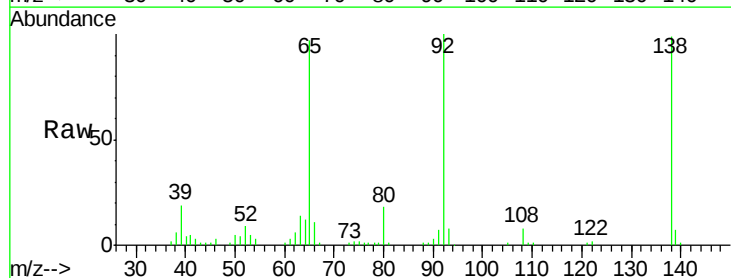
Tgt Ion:138 Resp: 48488

Ion Ratio Lower Upper

138 100

108 8.2 7.8 11.6

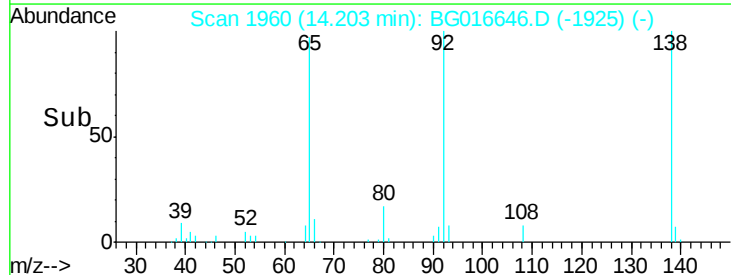
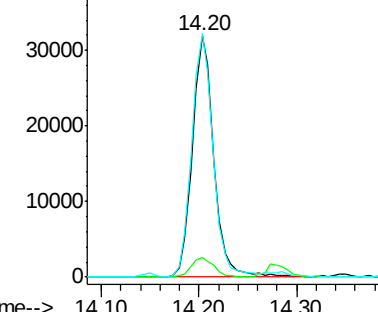
92 100.9 82.2 123.2

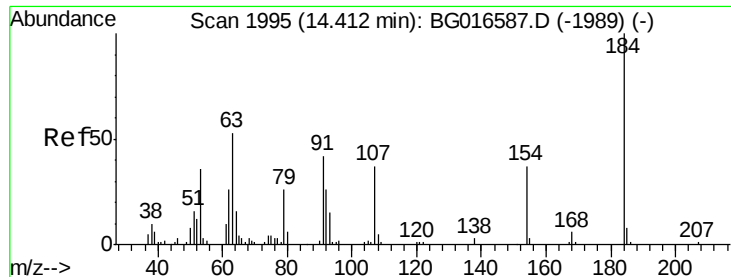


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

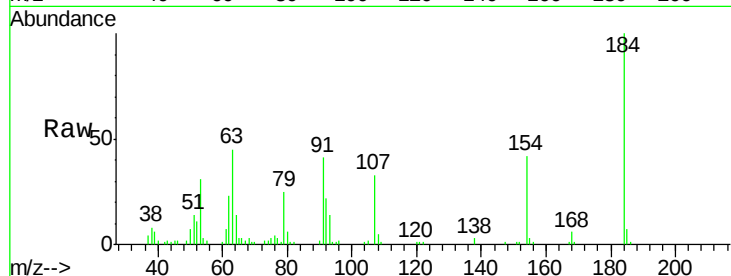




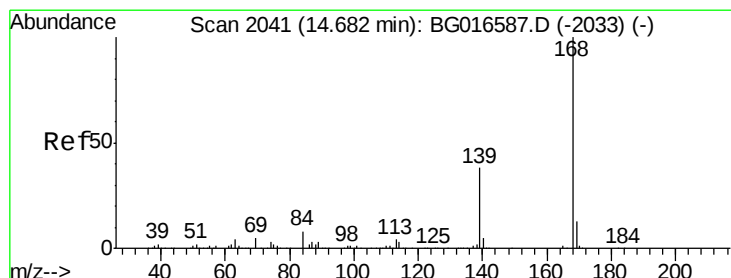
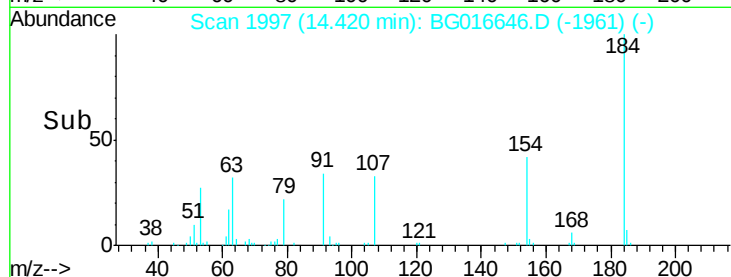
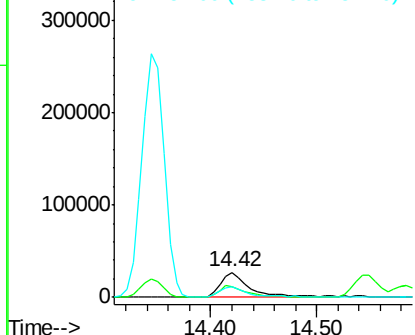
#53
 2,4-Dinitrophenol
 Concen: 52.21 ng
 RT: 14.42 min Scan# 1997
 Delta R.T. 0.01 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 52181
 Ion Ratio Lower Upper
 184 100
 63 44.7 42.6 64.0
 154 42.3 33.4 50.0

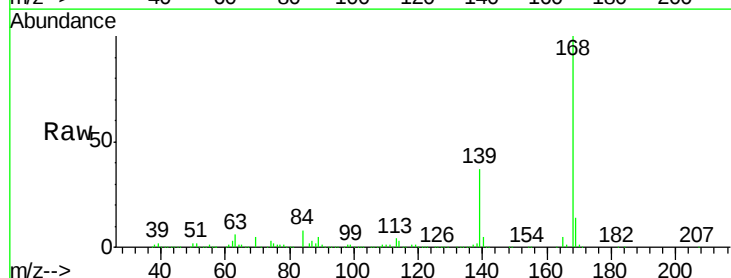


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

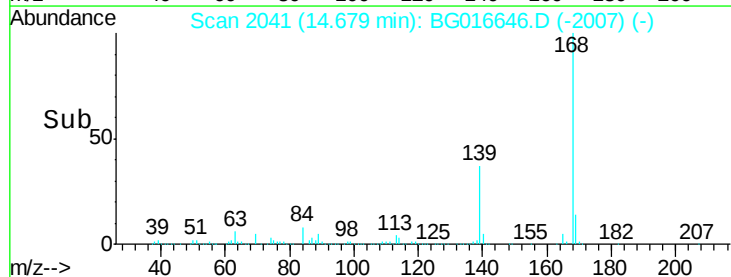
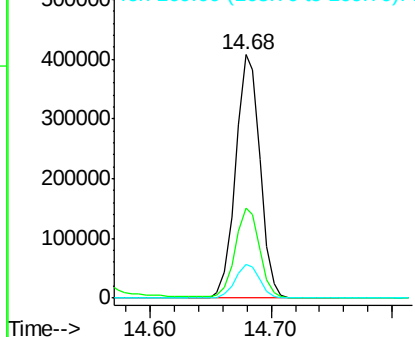


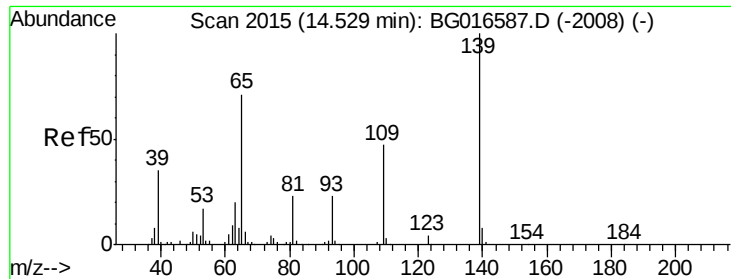
#54
 Dibenzofuran
 Concen: 51.25 ng
 RT: 14.68 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Tgt Ion:168 Resp: 570425
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.2 45.2
 169 13.7 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

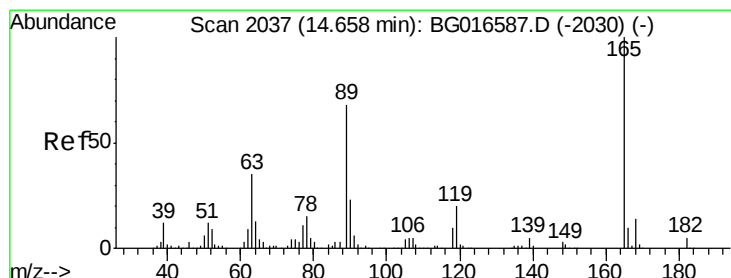
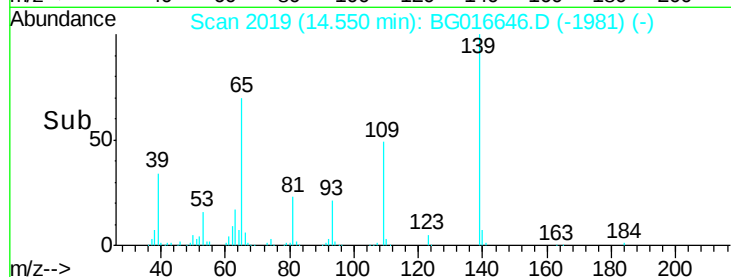
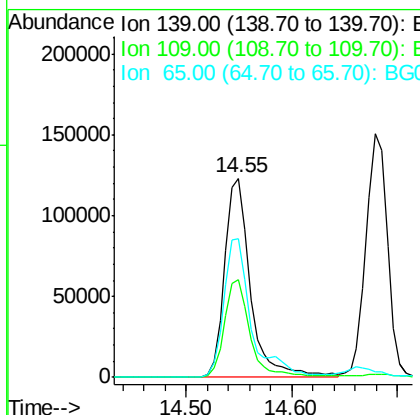
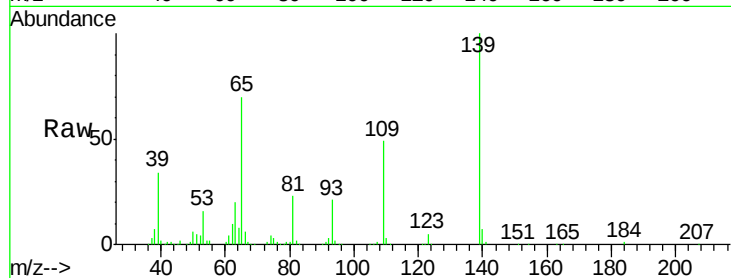




#55
4-Nitrophenol
Concen: 97.50 ng
RT: 14.55 min Scan# 2019
Delta R.T. 0.02 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

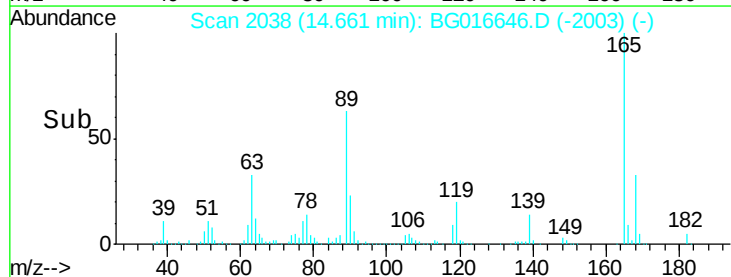
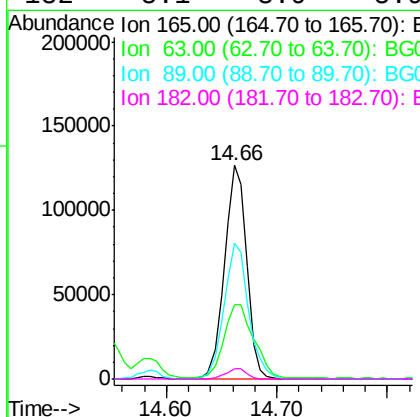
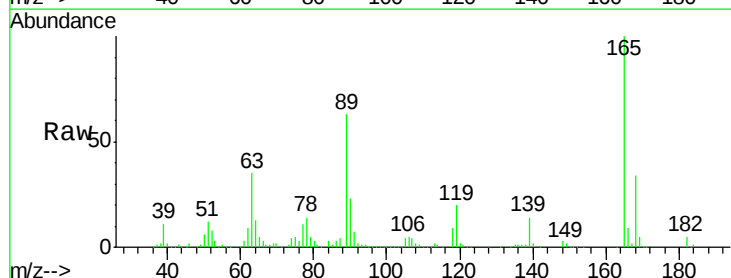
Instrument :
BNA_G
ClientSampleId :

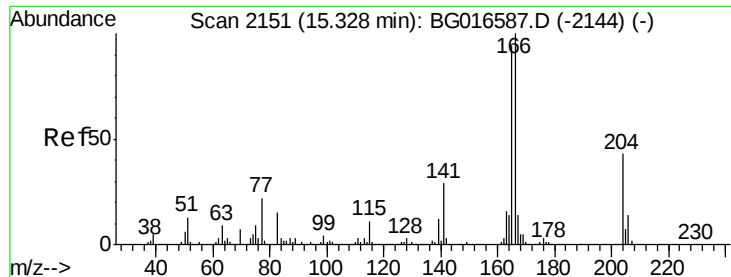
Tot Ion	Ratio	Lower	Upper
139	100		
109	49.0	27.5	67.5
65	69.6	50.7	90.7



#56
2,4-Dinitrotoluene
Concen: 56.00 ng
RT: 14.66 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	34.8	28.2	42.4
89	63.3	54.1	81.1
182	5.1	3.9	5.9





#57

Fluorene

Concen: 51.73 ng

RT: 15.33 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

ClientSampleId :

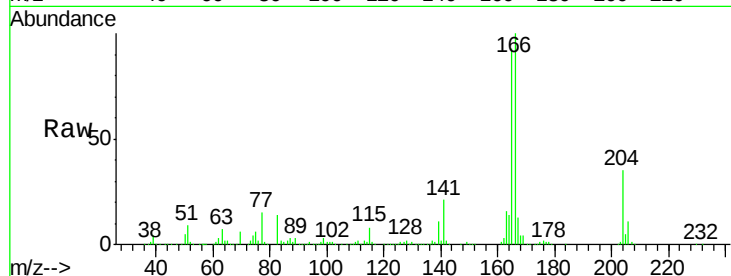
Tot Ion:166 Resp: 507338

Ion Ratio Lower Upper

166 100

165 93.5 75.4 113.0

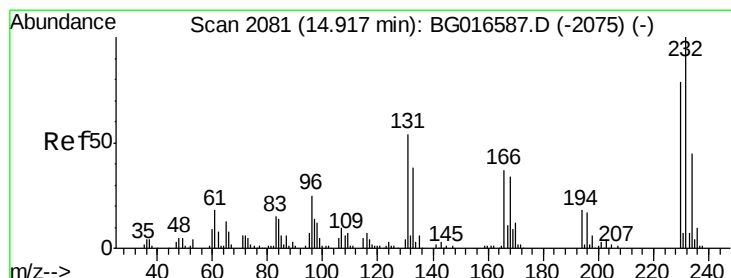
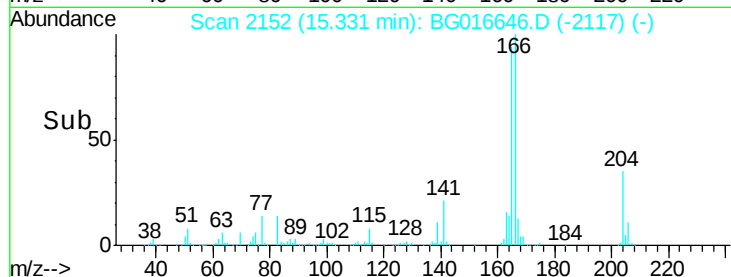
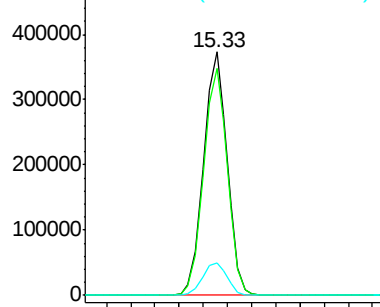
167 13.4 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 60.02 ng

RT: 14.92 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Tgt Ion:232 Resp: 99533

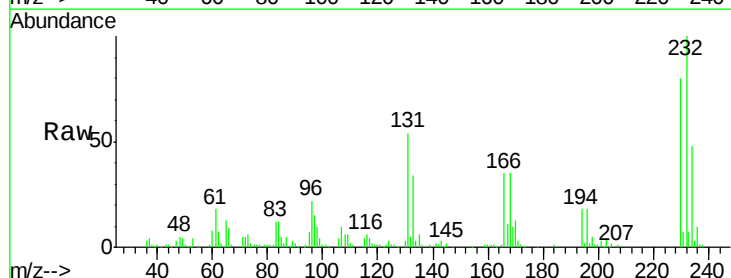
Ion Ratio Lower Upper

232 100

131 54.9 44.0 66.0

130 3.0 2.3 3.5

166 35.6 29.4 44.2

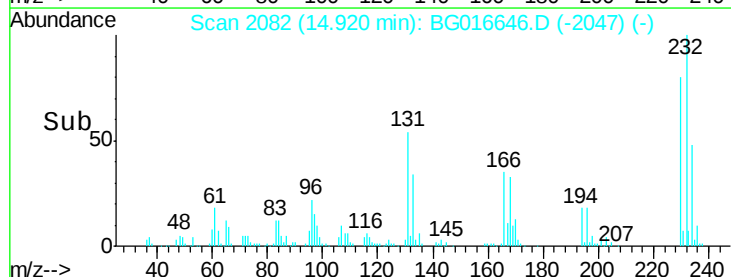
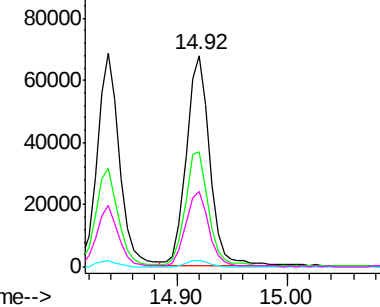


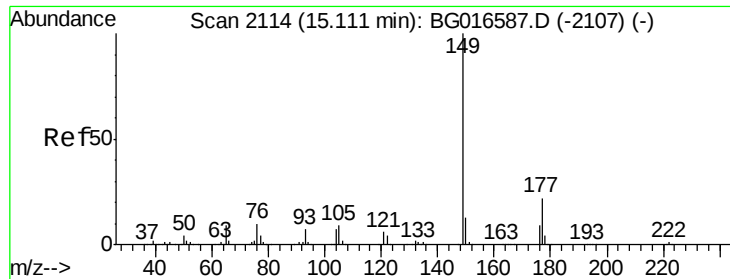
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

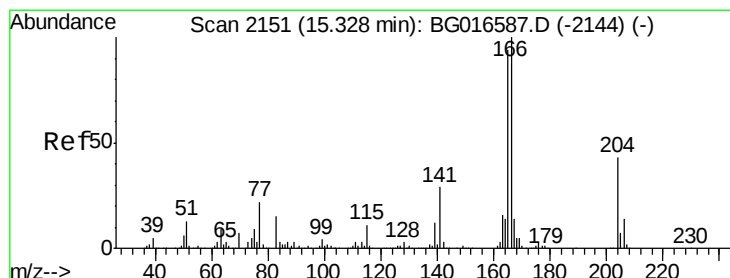
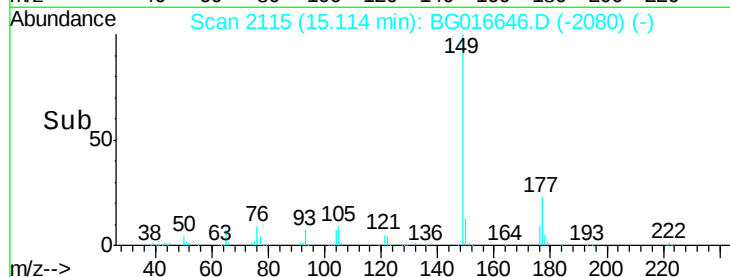
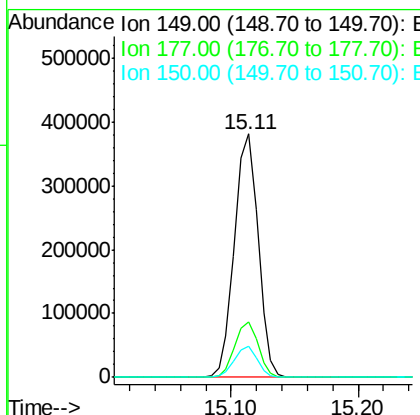
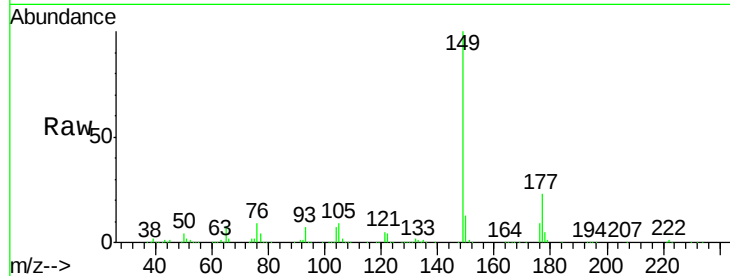




#59
Diethylphthalate
Concen: 49.34 ng
RT: 15.11 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

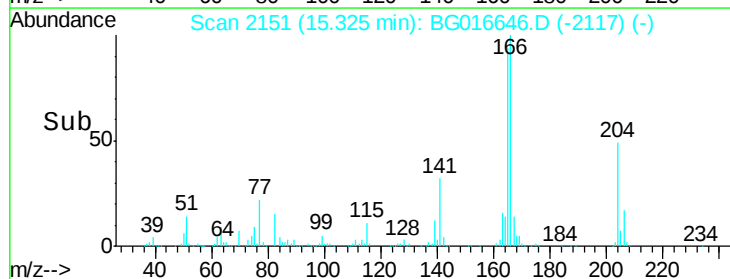
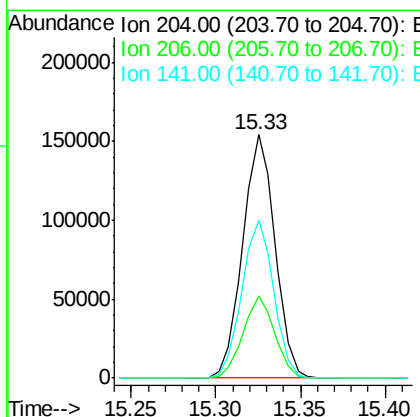
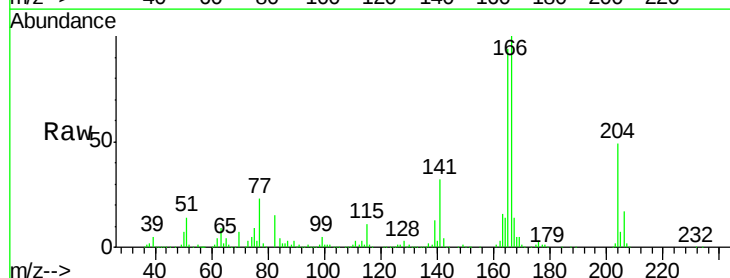
Instrument :
BNA_G
ClientSampled :

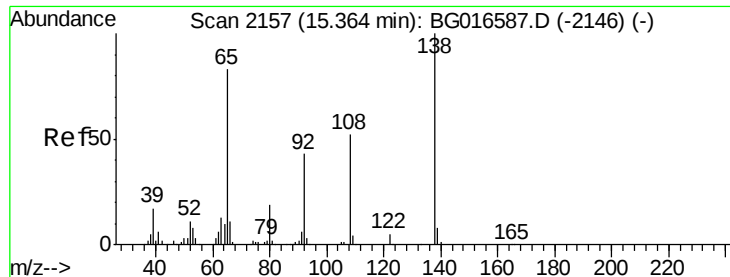
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.6	26.4
150	12.6	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 51.00 ng
RT: 15.33 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.6	40.0
141	64.9	53.5	80.3

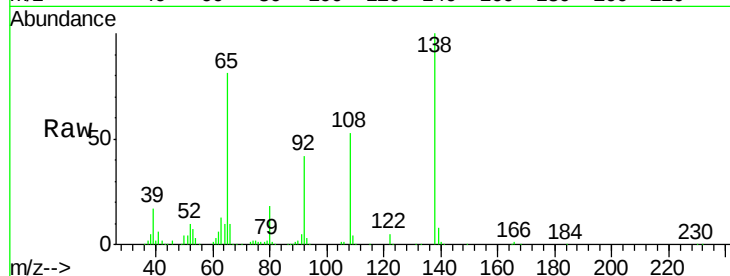




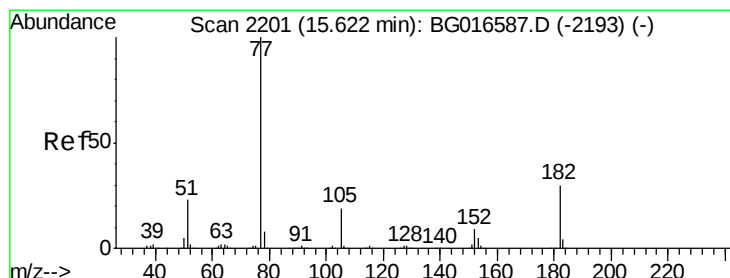
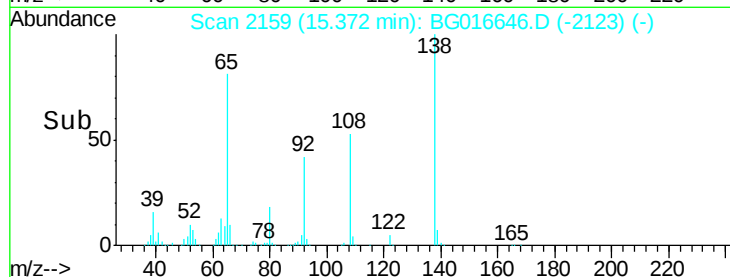
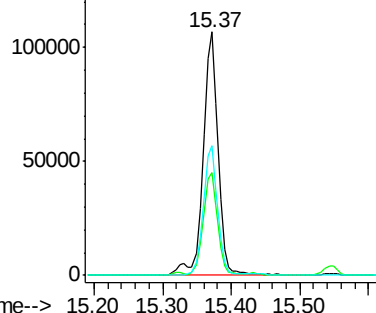
#61
4-Nitroaniline
Concen: 49.91 ng
RT: 15.37 min Scan# 2159
Delta R.T. 0.01 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 162283
Ion Ratio Lower Upper
138 100
92 42.0 23.3 63.3
108 53.0 31.8 71.8

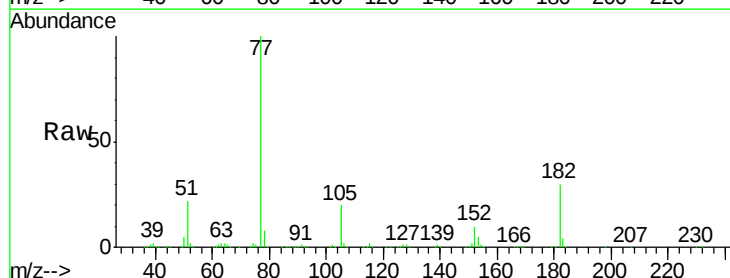


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

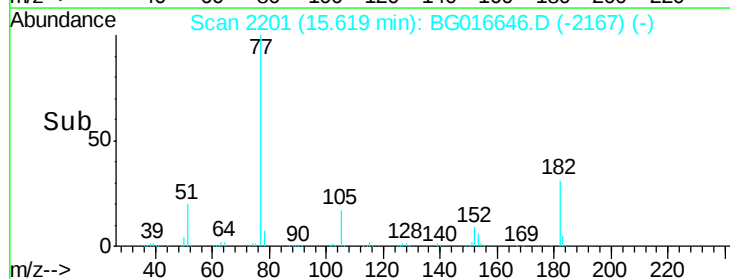
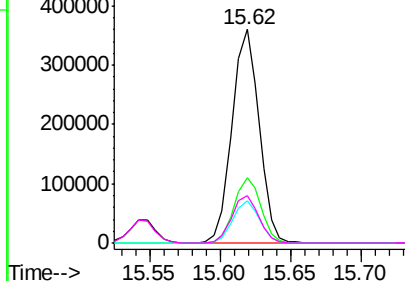


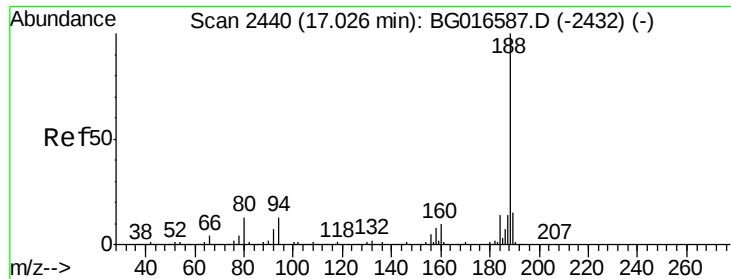
#62
Azobenzene
Concen: 51.77 ng
RT: 15.62 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion: 77 Resp: 478936
Ion Ratio Lower Upper
77 100
182 30.4 9.9 49.9
105 20.0 0.0 38.8
51 22.1 2.7 42.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

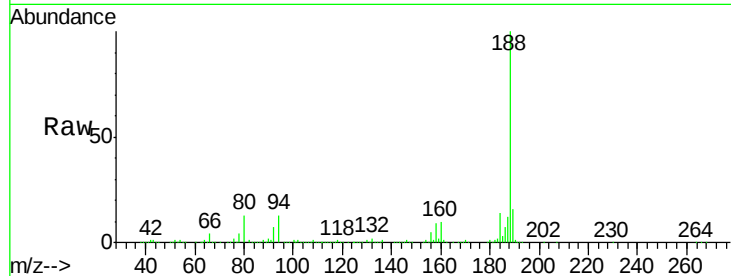




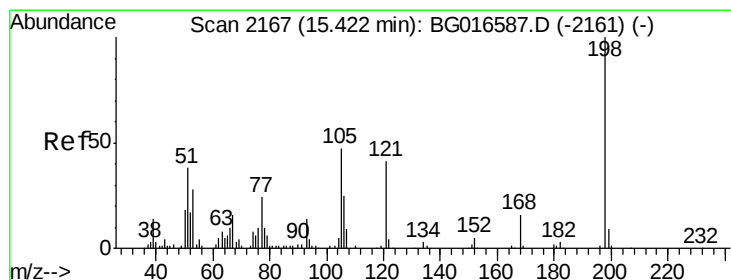
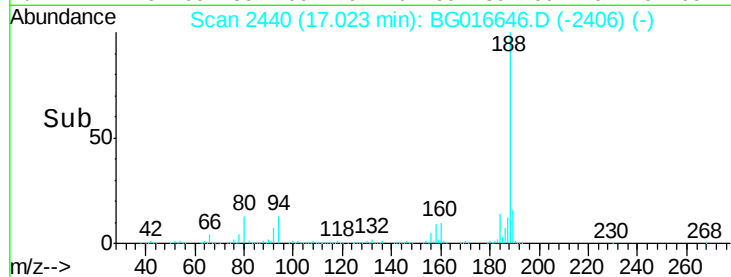
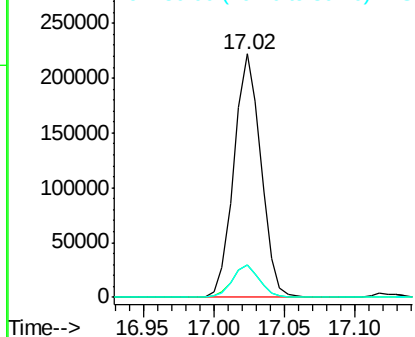
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	13.1	10.5	15.7
80	13.3	10.6	16.0

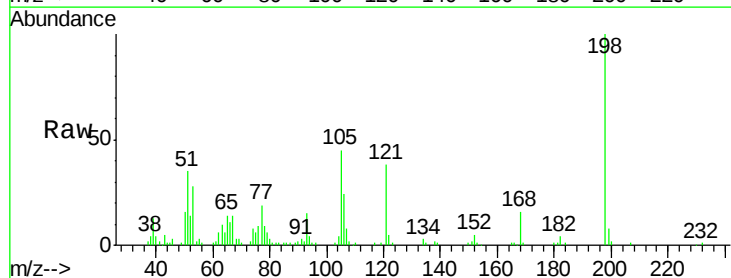


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

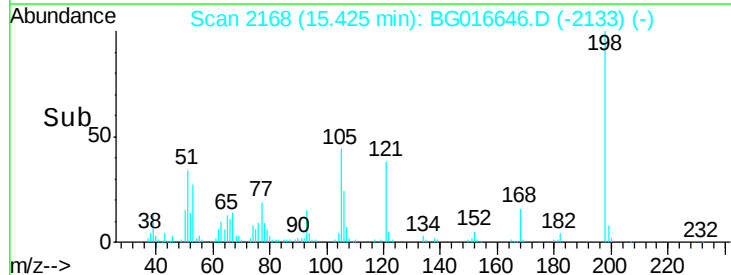
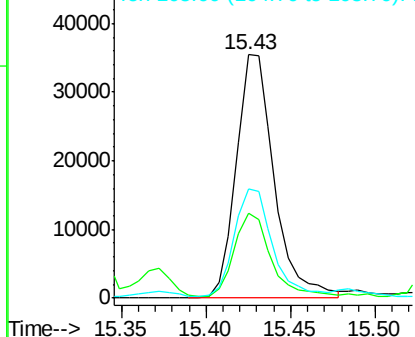


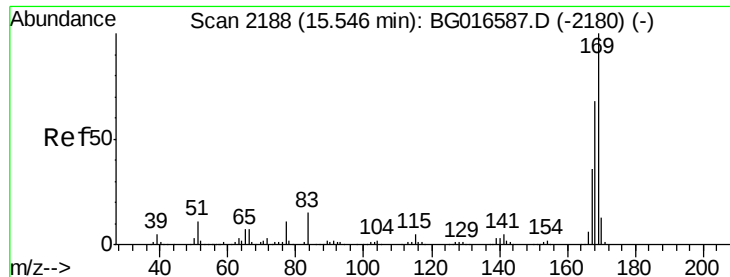
#64
4,6-Dinitro-2-methylphenol
Concen: 29.04 ng
RT: 15.43 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Lower	Upper
198	100		
51	34.8	18.6	58.6
105	44.7	27.7	67.7



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

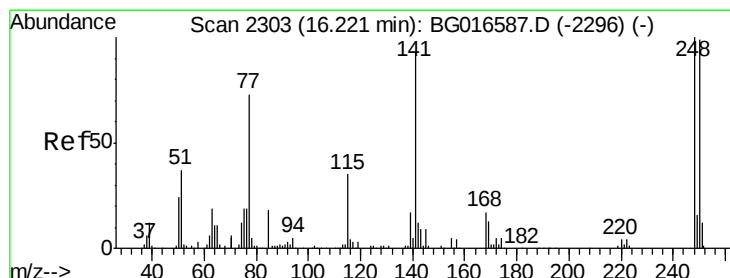
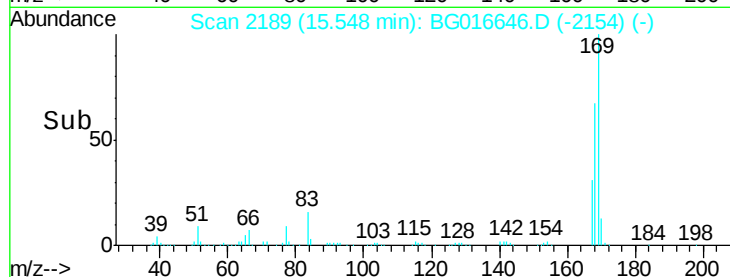
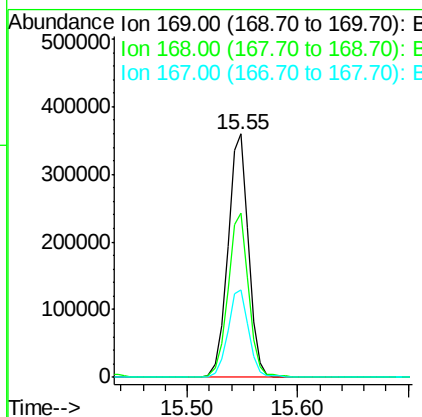
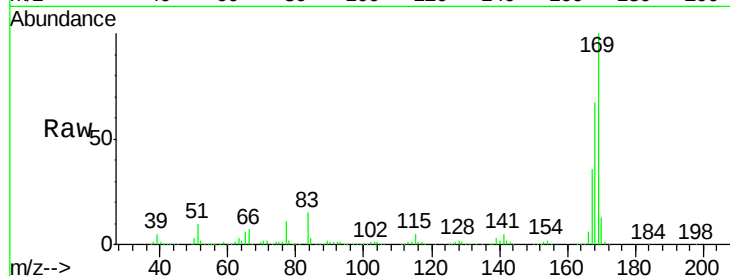




#65
n-Nitrosodiphenylamine
Concen: 47.07 ng
RT: 15.55 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

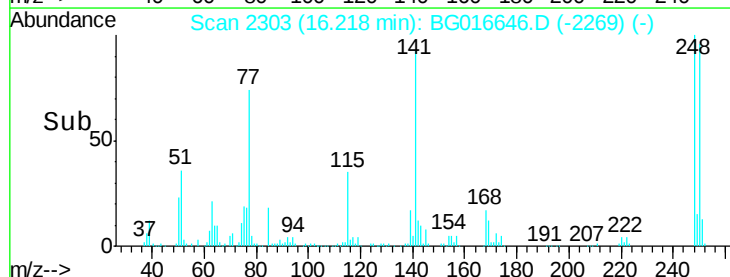
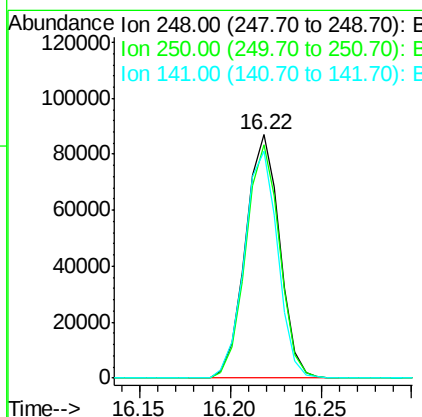
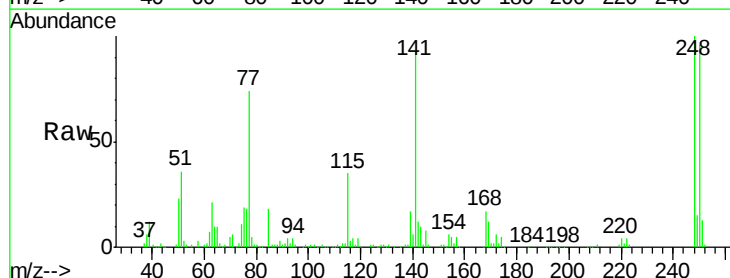
Instrument :
BNA_G
ClientSampled :

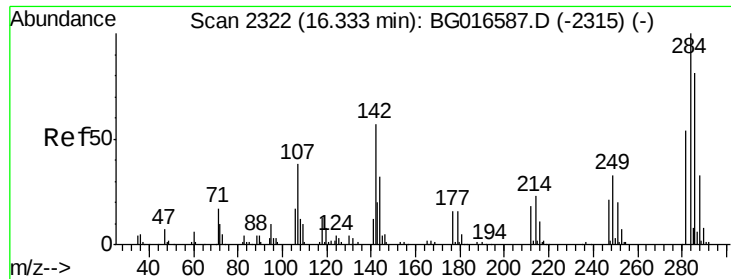
Tot Ion:169 Resp: 467069
Ion Ratio Lower Upper
169 100
168 67.4 54.1 81.1
167 35.9 28.7 43.1



#66
4-Bromophenyl-phenylether
Concen: 49.05 ng
RT: 16.22 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion:248 Resp: 114302
Ion Ratio Lower Upper
248 100
250 95.7 79.0 118.6
141 93.3 74.6 111.8

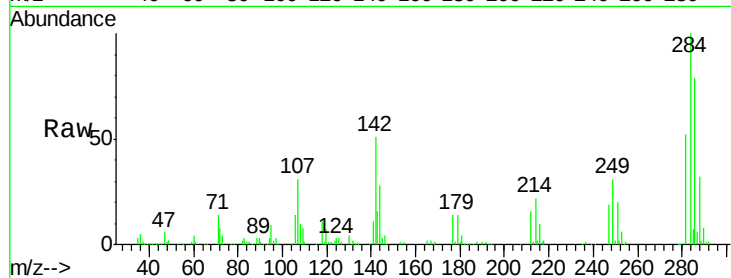




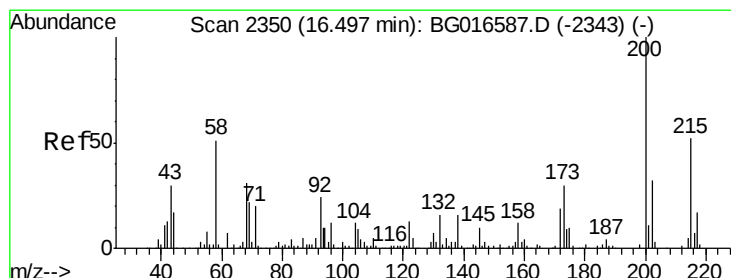
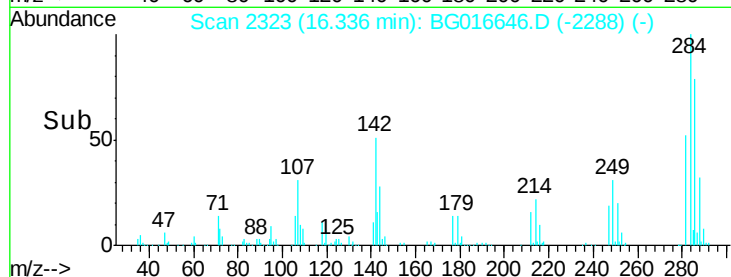
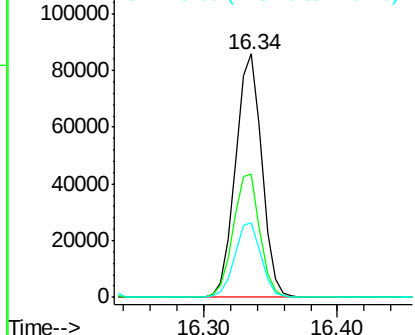
#67
Hexachlorobenzene
Concen: 48.21 ng
RT: 16.34 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 117347
Ion Ratio Lower Upper
284 100
142 50.7 45.6 68.4
249 30.8 26.2 39.2

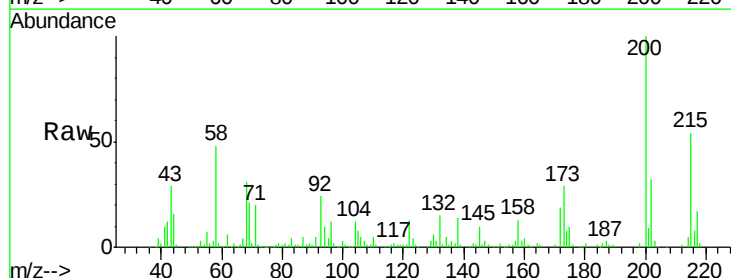


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

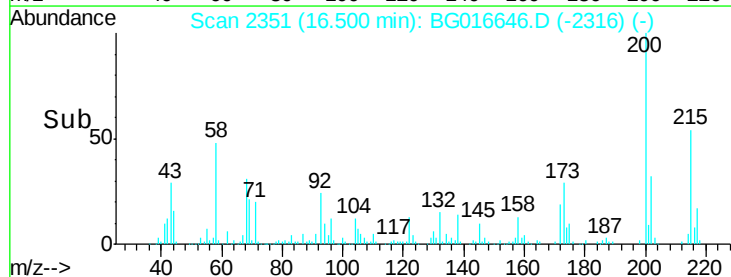
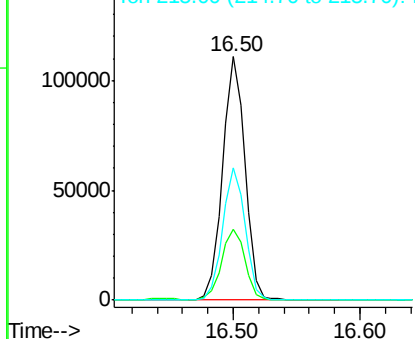


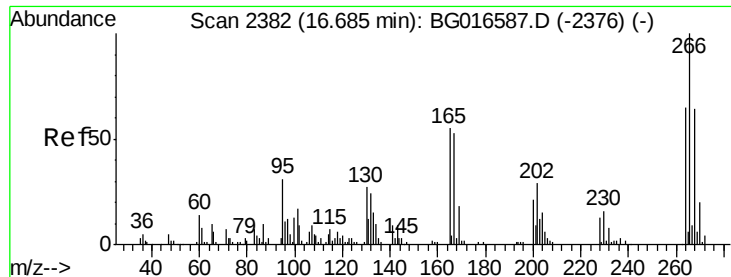
#68
Atrazine
Concen: 49.02 ng
RT: 16.50 min Scan# 2351
Delta R.T. 0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion:200 Resp: 136022
Ion Ratio Lower Upper
200 100
173 29.0 9.8 49.8
215 54.5 31.7 71.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 76.80 ng

RT: 16.69 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

ClientSampleId :

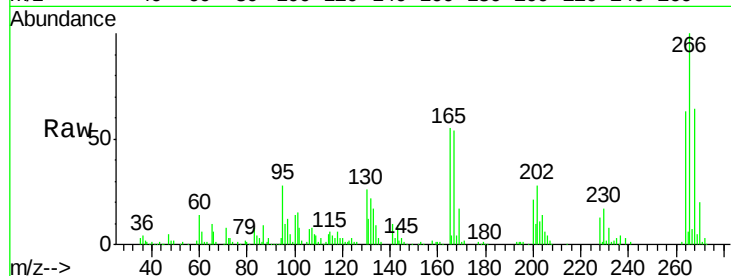
Tot Ion:266 Resp: 96459

Ion Ratio Lower Upper

266 100

268 64.3 51.3 76.9

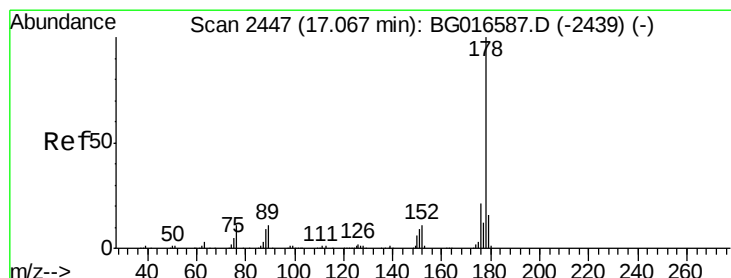
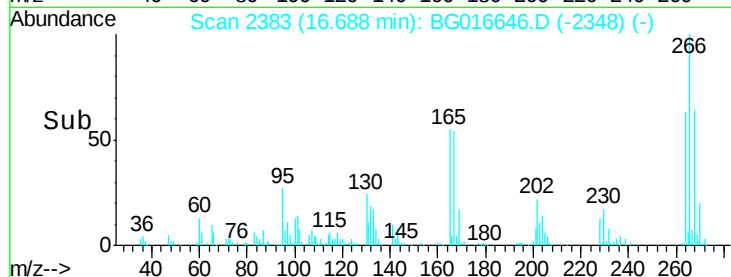
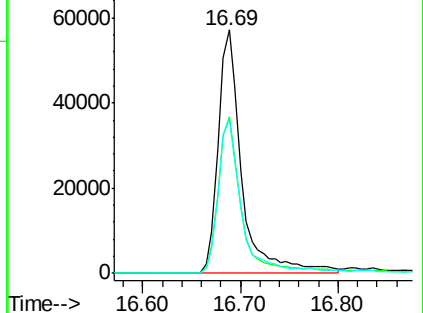
264 63.2 52.2 78.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 48.10 ng

RT: 17.06 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

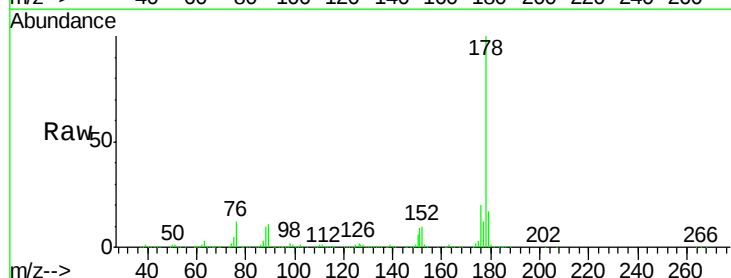
Tgt Ion:178 Resp: 810438

Ion Ratio Lower Upper

178 100

176 19.9 16.6 25.0

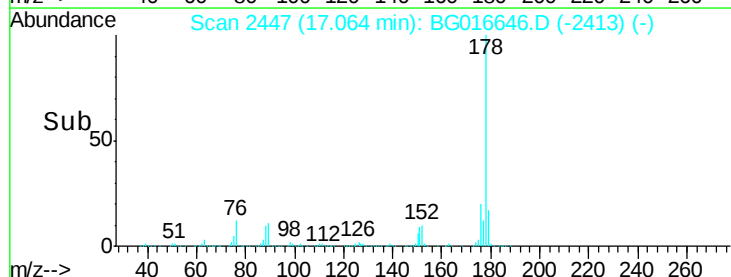
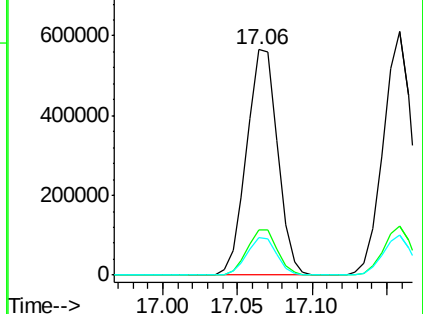
179 16.6 12.9 19.3

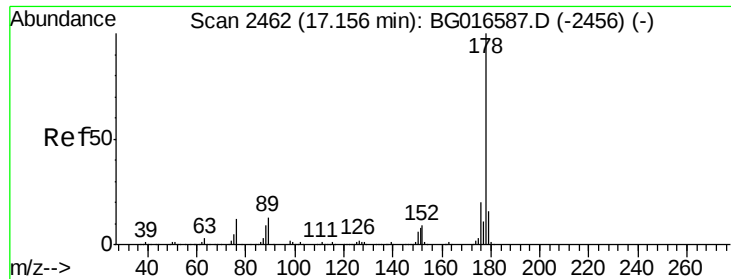


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

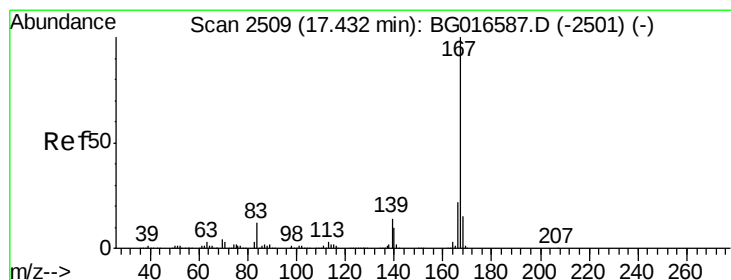
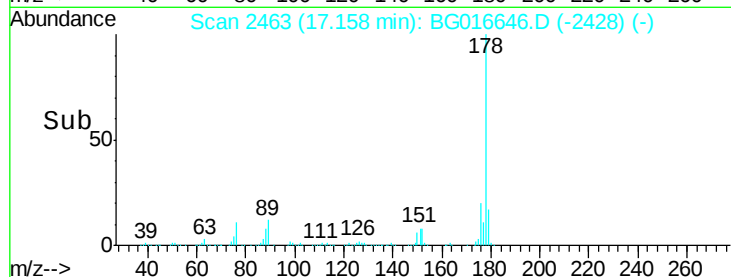
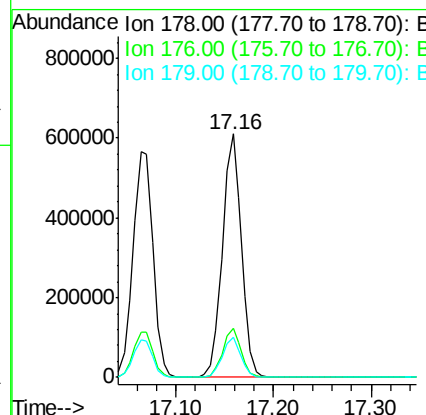
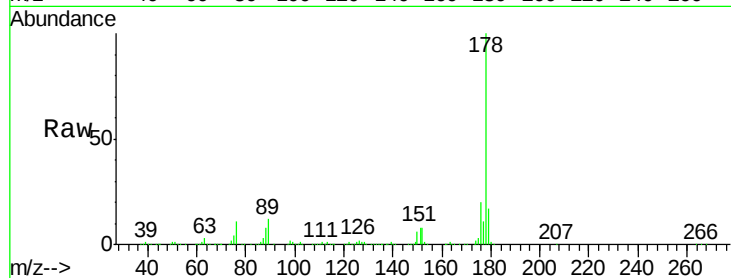




#71
 Anthracene
 Concen: 48.97 ng
 RT: 17.16 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

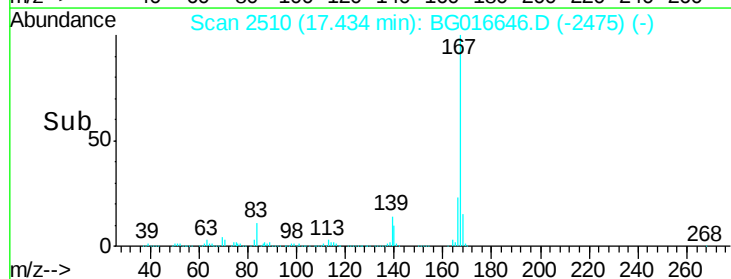
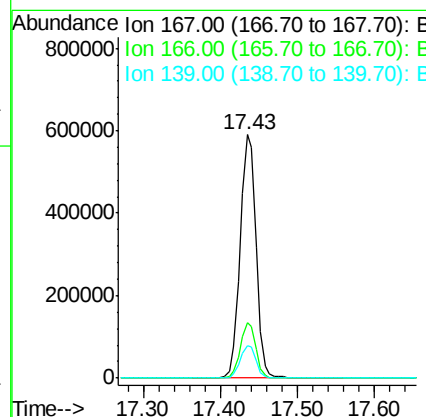
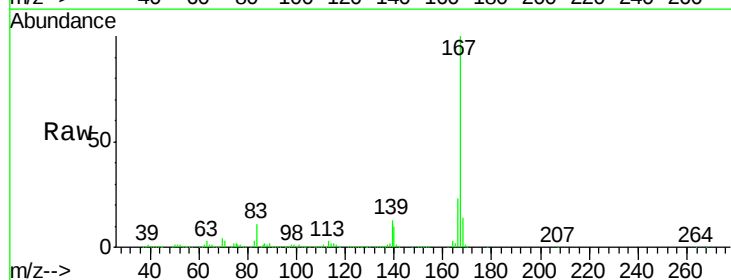
Instrument :
 BNA_G
 ClientSampleId :

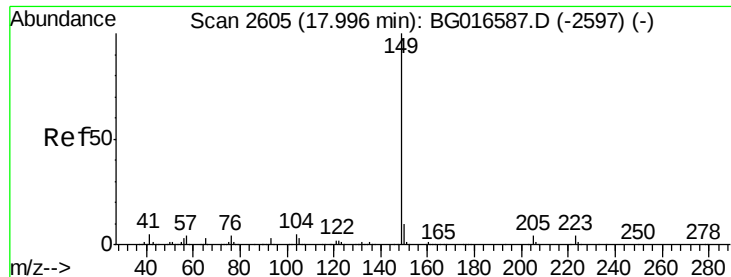
Tot Ion:178 Resp: 819947
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.9 23.9
 179 16.7 12.8 19.2



#72
 Carbazole
 Concen: 50.09 ng
 RT: 17.43 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Tgt Ion:167 Resp: 855771
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.8 26.8
 139 13.5 11.0 16.4

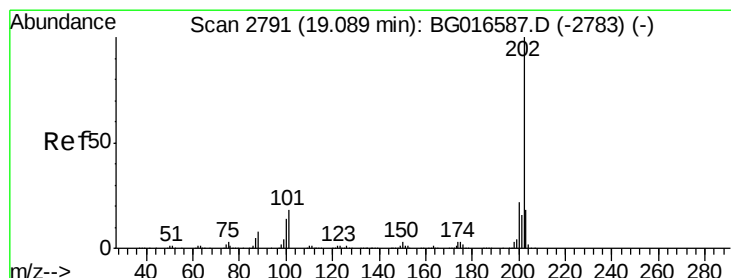
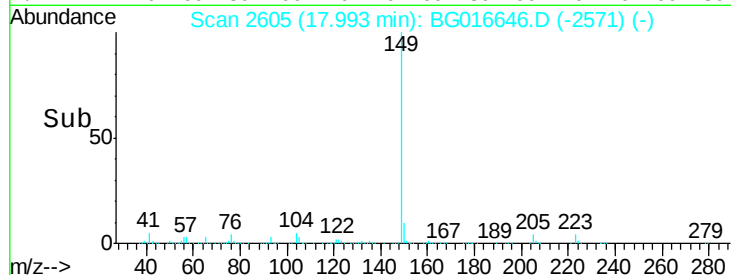
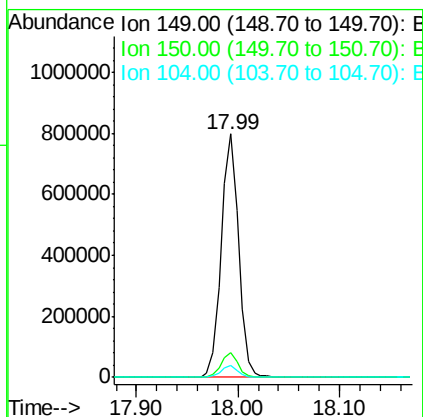
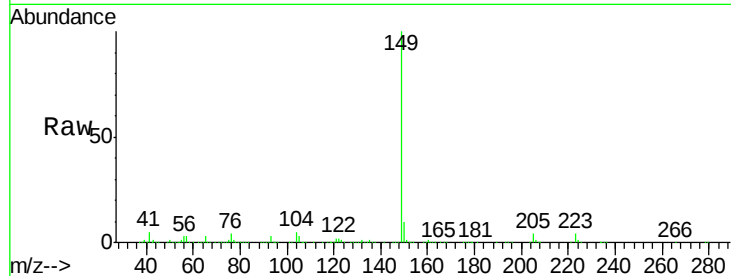




#73
Di-n-butylphthalate
Concen: 45.61 ng
RT: 17.99 min Scan# 2605
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

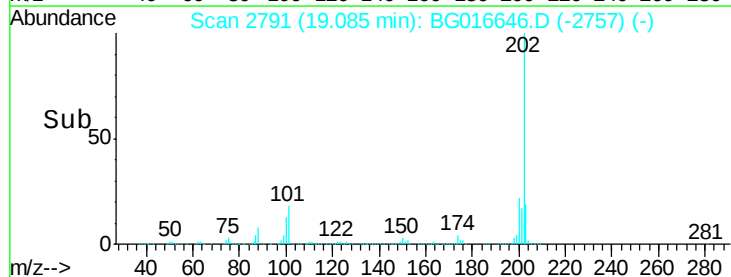
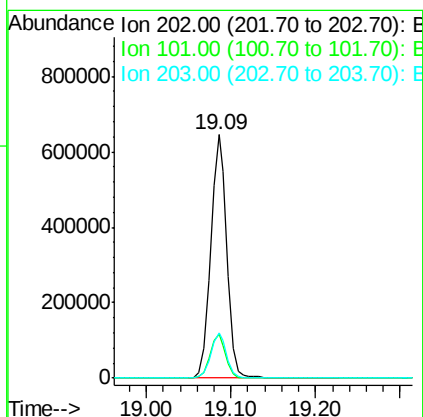
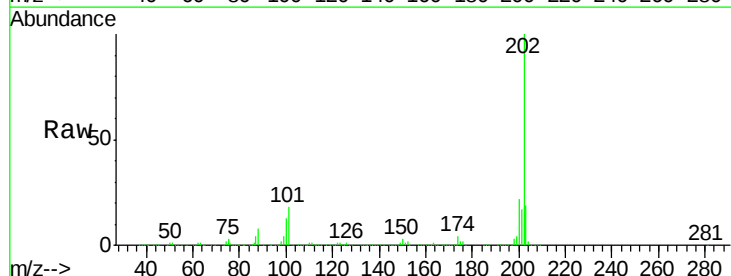
Instrument :
BNA_G
ClientSampled :

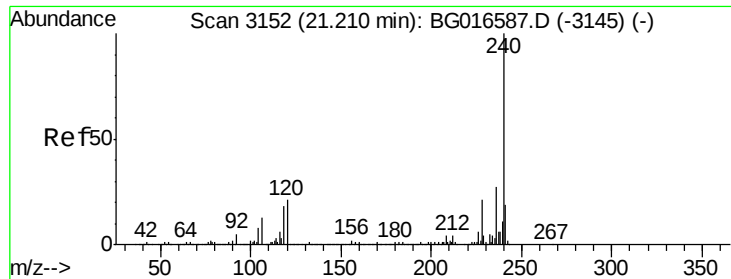
Tot Ion:149 Resp: 948336
Ion Ratio Lower Upper
149 100
150 10.0 7.9 11.9
104 4.9 3.8 5.6



#74
Fluoranthene
Concen: 47.70 ng
RT: 19.09 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion:202 Resp: 865860
Ion Ratio Lower Upper
202 100
101 17.9 0.0 37.9
203 18.7 0.0 38.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.21 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

ClientSampled :

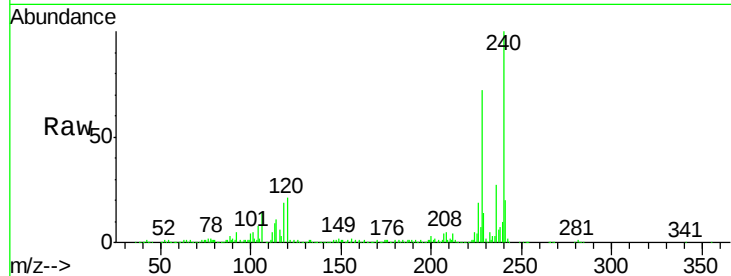
Tot Ion:240 Resp: 270289

Ion Ratio Lower Upper

240 100

120 20.9 16.7 25.1

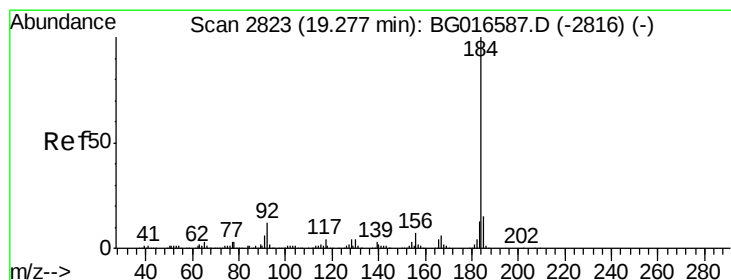
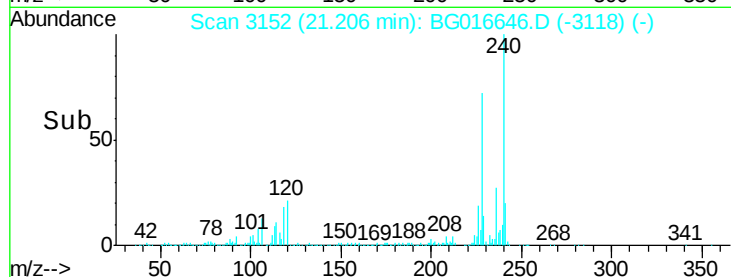
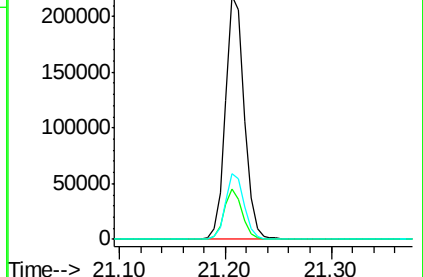
236 26.8 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.42 ng

RT: 19.28 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

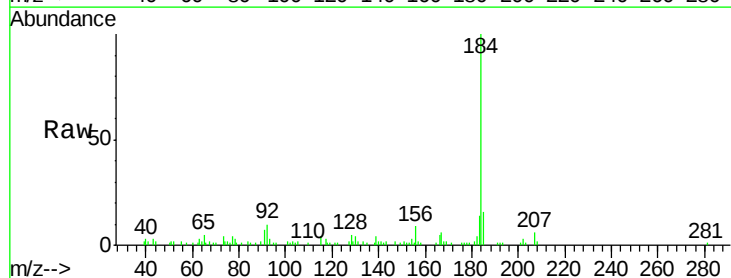
Tgt Ion:184 Resp: 34162

Ion Ratio Lower Upper

184 100

185 16.2 11.8 17.6

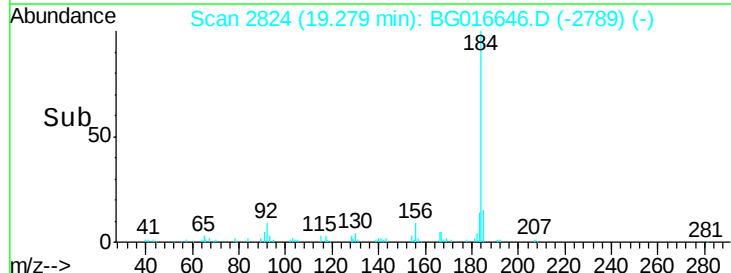
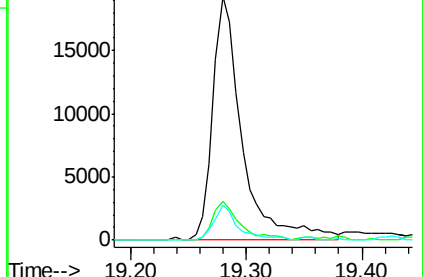
183 14.5 10.3 15.5

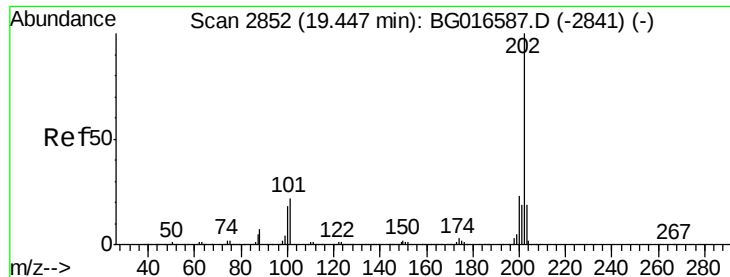


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

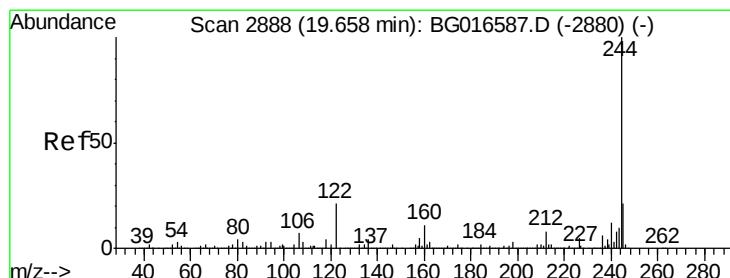
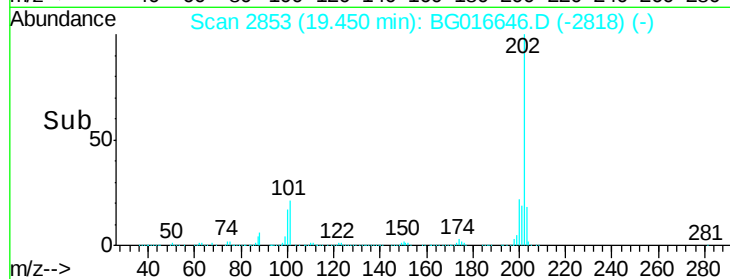
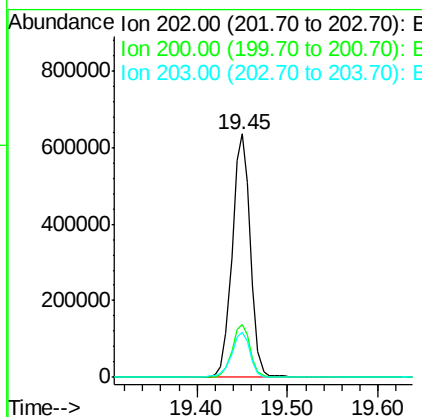
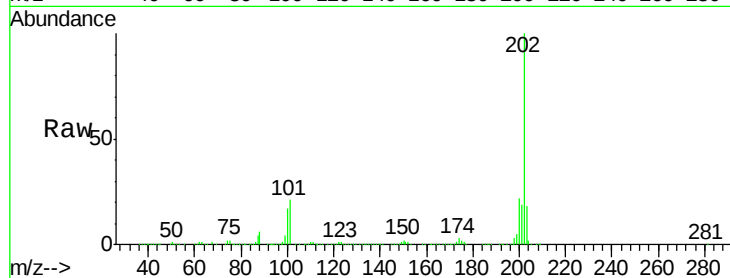




#77
Pvrene
Concen: 48.97 ng
RT: 19.45 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

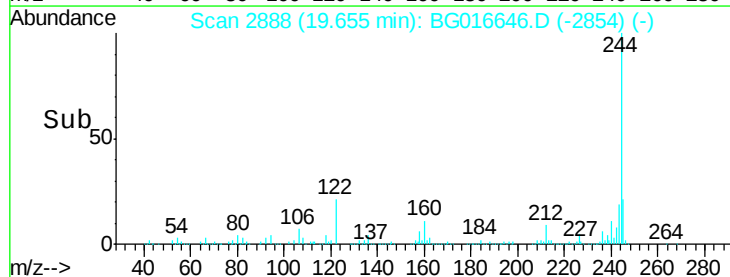
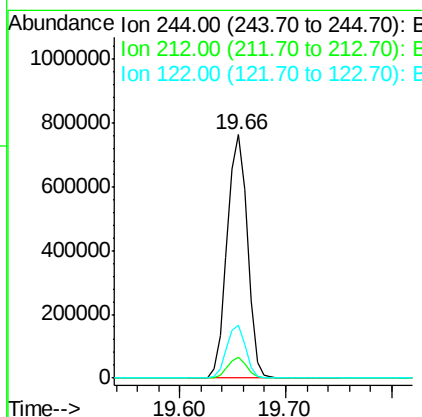
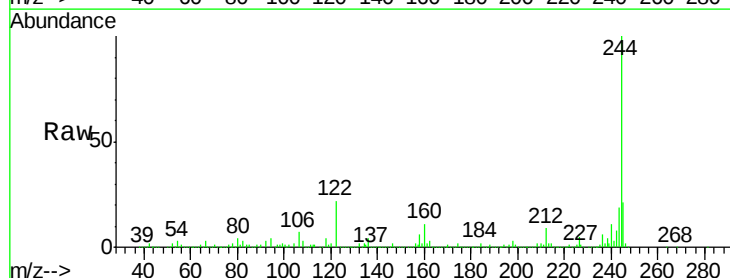
Instrument :
BNA_G
ClientSampleId :

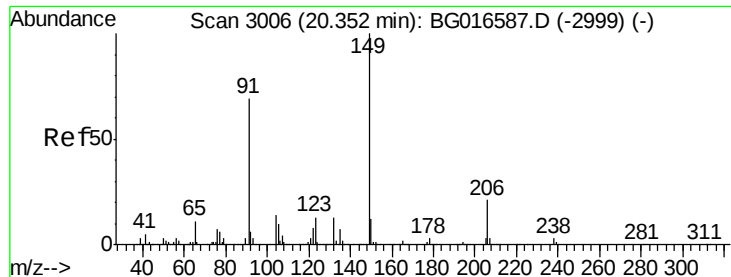
Tot Ion:202 Resp: 889046
Ion Ratio Lower Upper
202 100
200 21.9 18.2 27.2
203 18.3 15.2 22.8



#78
Terphenyl-d14
Concen: 90.20 ng
RT: 19.66 min Scan# 2888
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion:244 Resp: 1011965
Ion Ratio Lower Upper
244 100
212 8.5 6.8 10.2
122 21.8 17.0 25.6

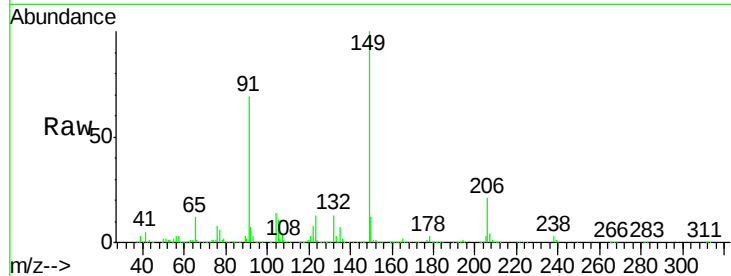




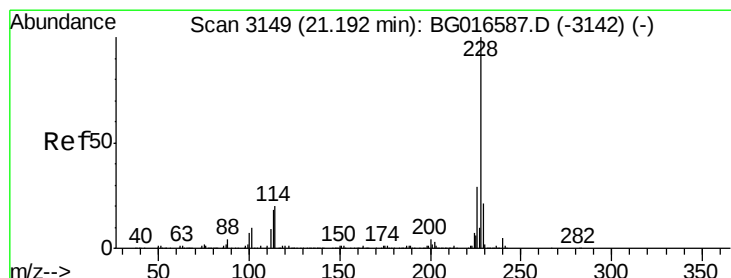
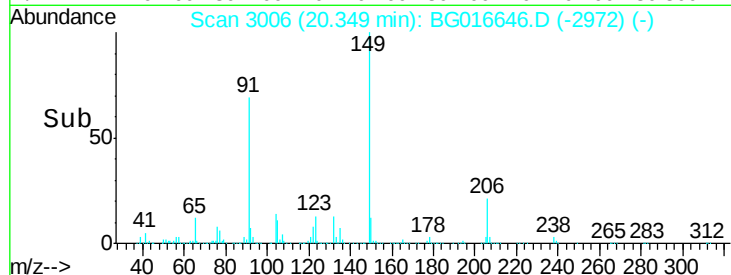
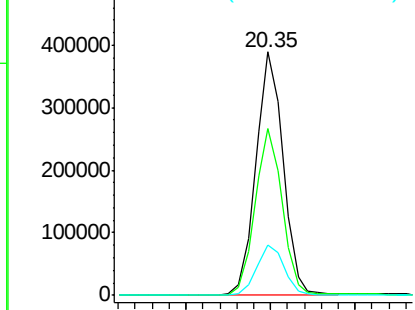
#79
Butylbenzylphthalate
Concen: 46.10 ng
RT: 20.35 min Scan# 3006
Delta R.T. -0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.7	55.4	83.0
206	20.6	16.4	24.6

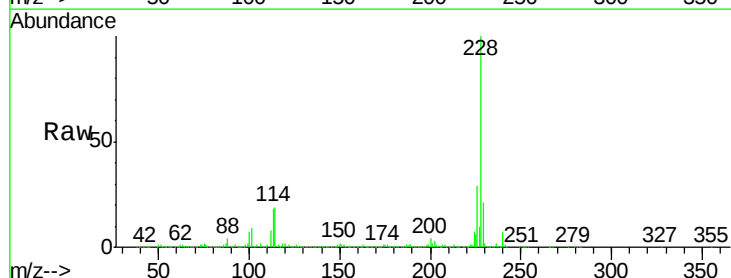


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BGC
Ion 206.00 (205.70 to 206.70): E

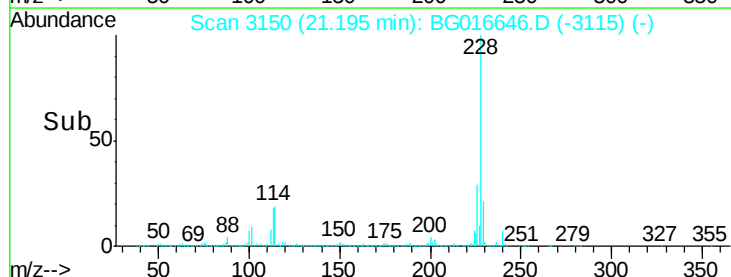
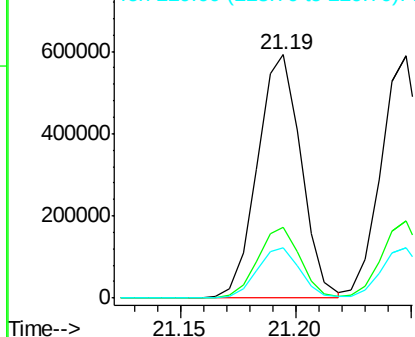


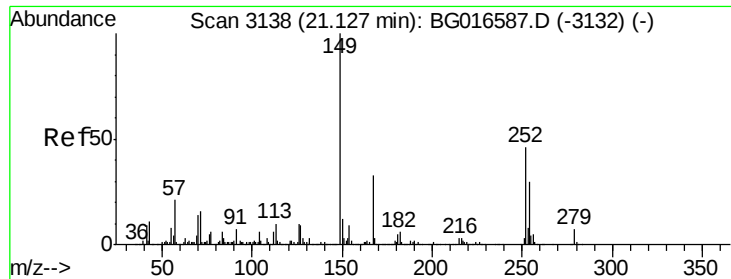
#80
Benzo(a)anthracene
Concen: 47.74 ng
RT: 21.19 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BG016646.D
Acq: 23 Apr 2015 8:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.2	34.8
229	20.9	16.9	25.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 17.97 ng

RT: 21.13 min Scan# 3139

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

ClientSampleId :

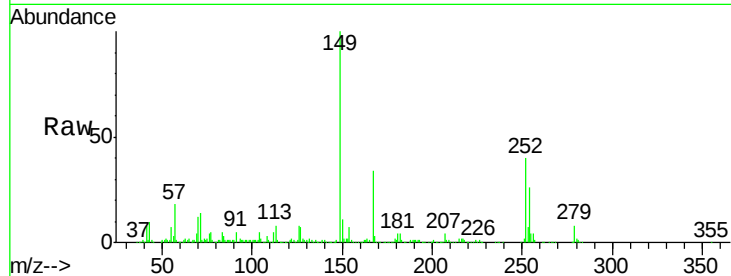
Tot Ion:252 Resp: 96957

Ion Ratio Lower Upper

252 100

254 65.6 52.6 78.8

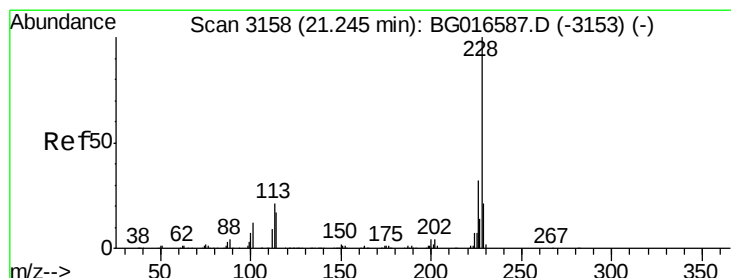
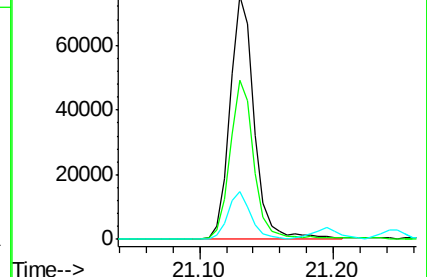
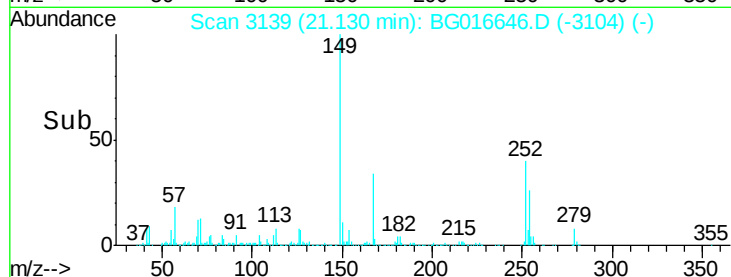
126 19.6 18.0 27.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 47.43 ng

RT: 21.25 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

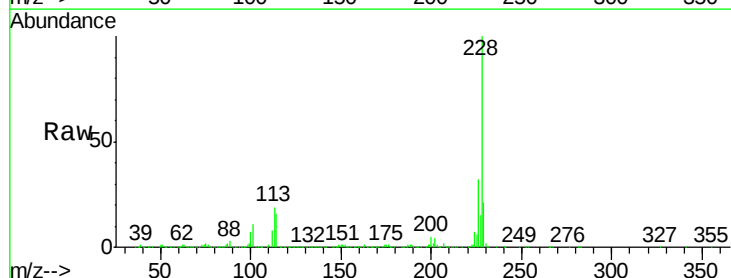
Tgt Ion:228 Resp: 742259

Ion Ratio Lower Upper

228 100

226 31.7 25.5 38.3

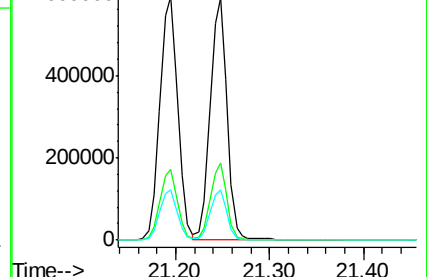
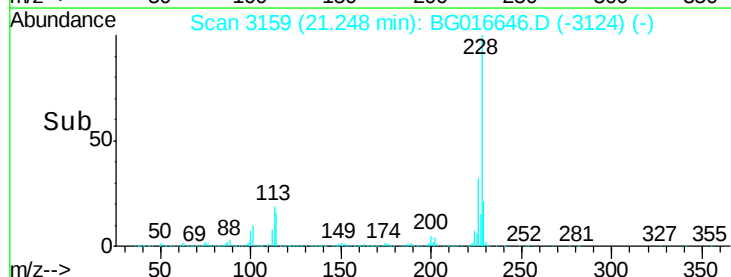
229 20.7 16.5 24.7

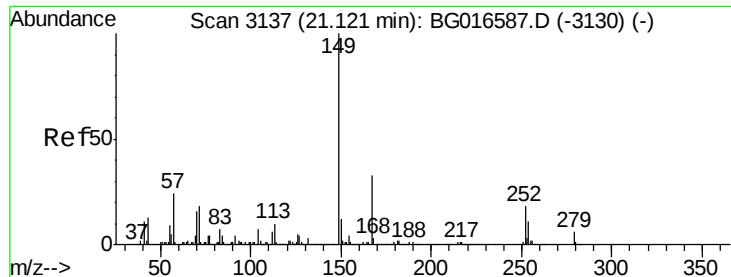


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

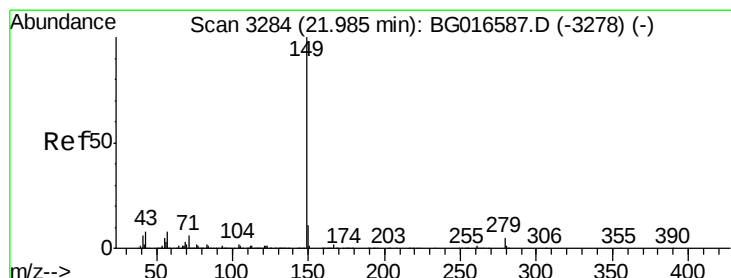
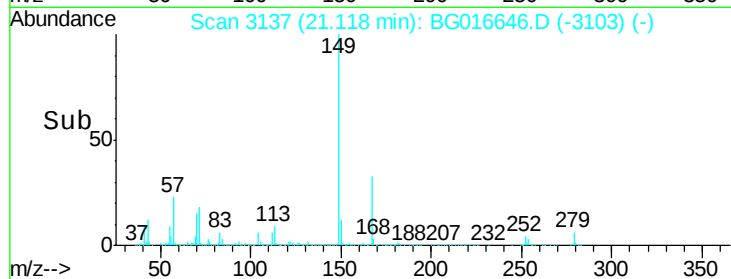
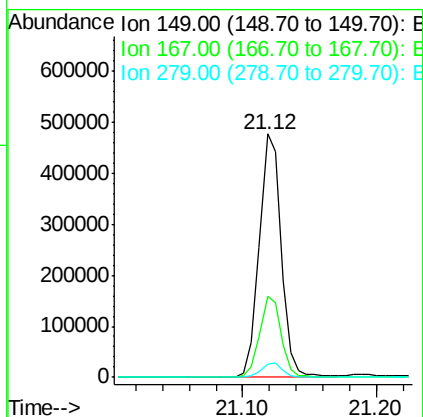
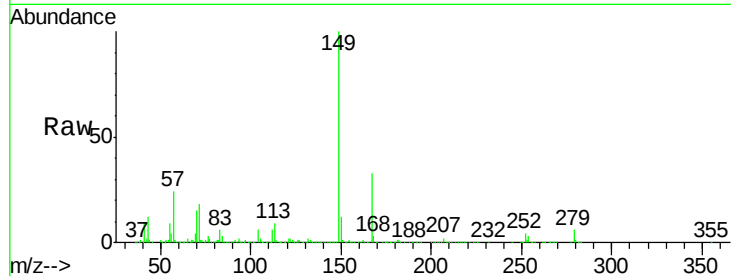




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.07 ng
 RT: 21.12 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

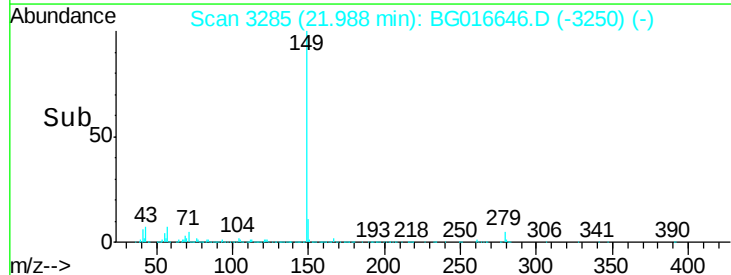
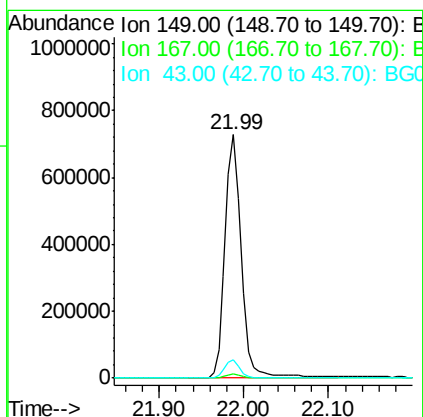
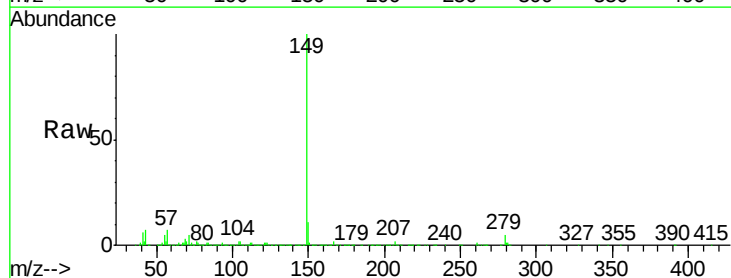
Instrument :
 BNA_G
 ClientSampleId :

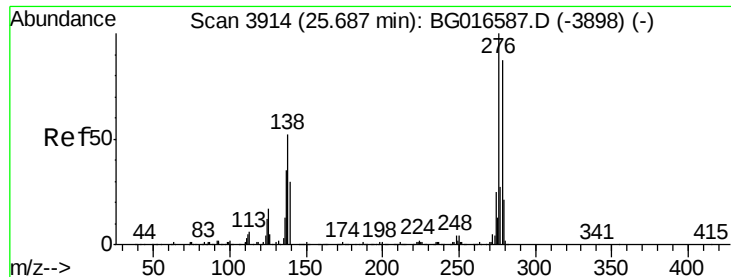
Tot Ion:149 Resp: 535791
 Ion Ratio Lower Upper
 149 100
 167 33.3 26.5 39.7
 279 5.5 4.5 6.7



#84
 Di-n-octyl phthalate
 Concen: 45.12 ng
 RT: 21.99 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Tgt Ion:149 Resp: 977394
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 7.0 6.2 9.2

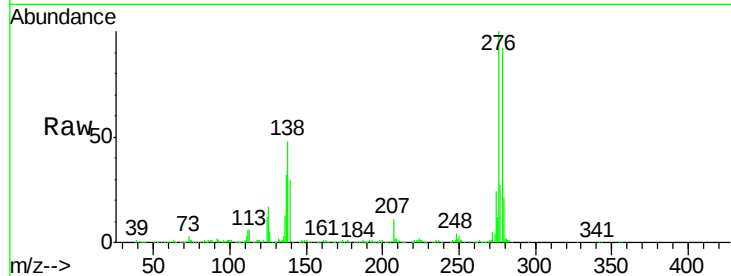




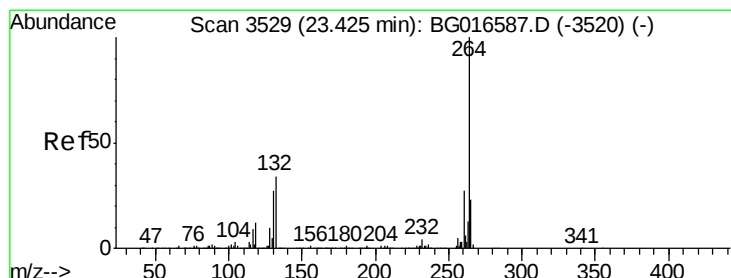
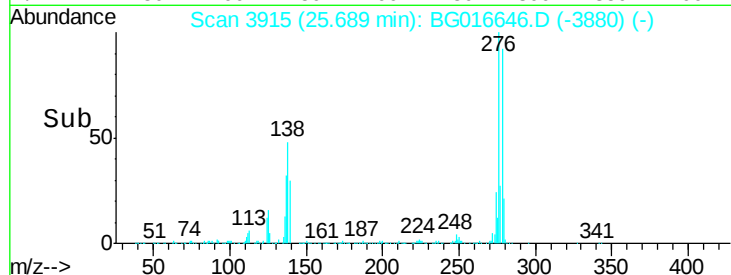
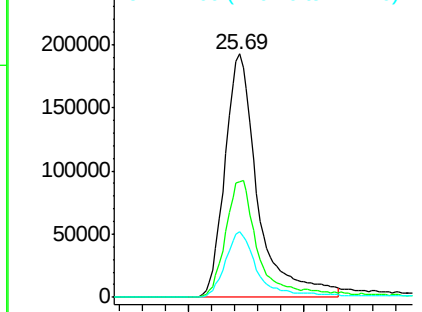
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.43 ng
 RT: 25.69 min Scan# 3915
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 762959
 Ion Ratio Lower Upper
 276 100
 138 47.3 39.7 59.5
 277 26.5 21.4 32.2

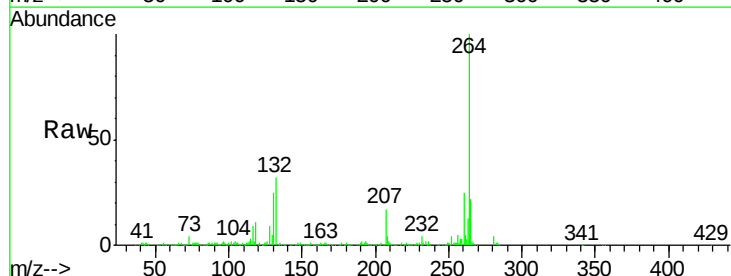


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

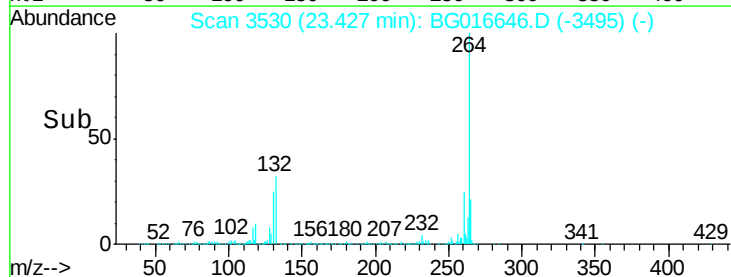
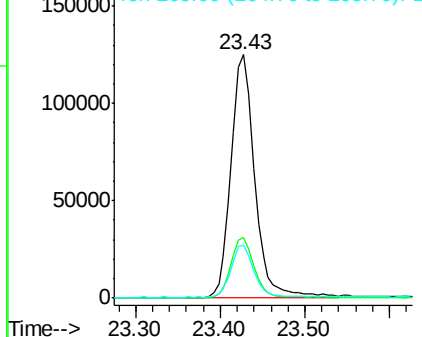


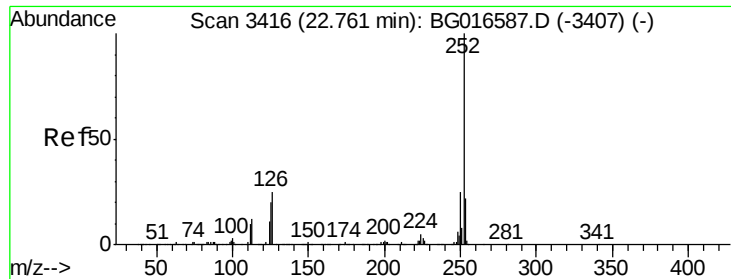
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.43 min Scan# 3530
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Tgt Ion:264 Resp: 243533
 Ion Ratio Lower Upper
 264 100
 260 24.9 21.4 32.2
 265 21.5 18.7 28.1



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.82 ng

RT: 22.76 min Scan# 3416

Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

ClientSampleId :

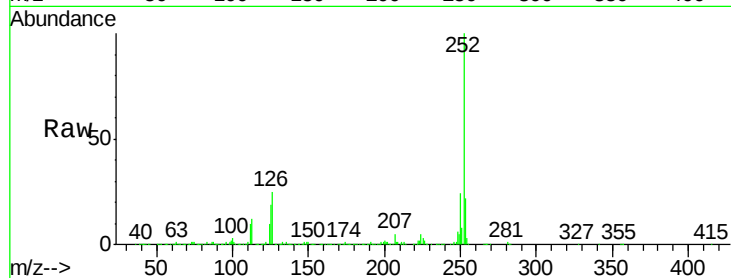
Tot Ion:252 Resp: 709459

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

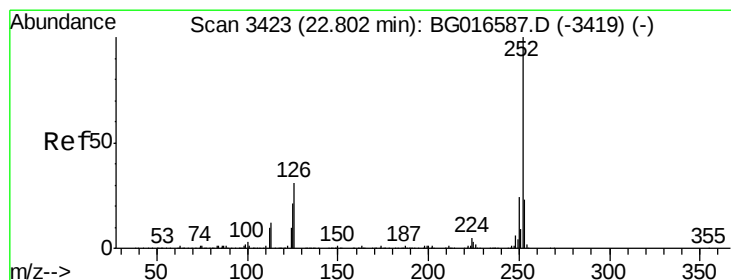
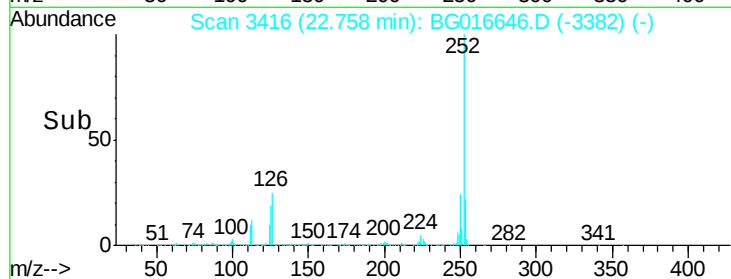
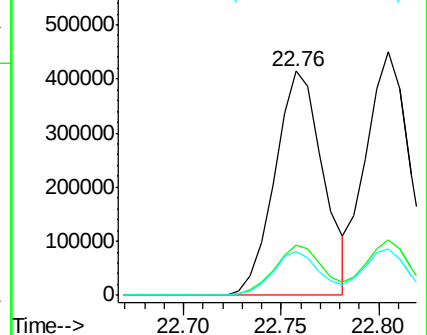
125 19.4 15.8 23.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 51.28 ng

RT: 22.80 min Scan# 3424

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

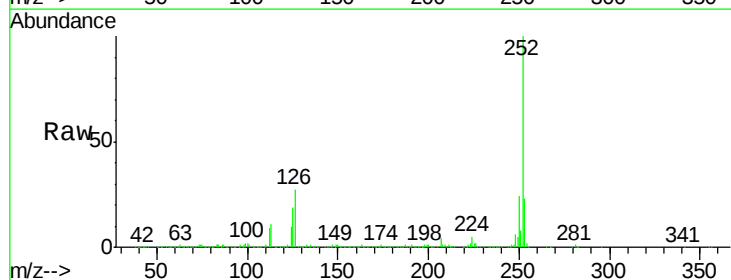
Tgt Ion:252 Resp: 730935

Ion Ratio Lower Upper

252 100

253 22.5 18.6 27.8

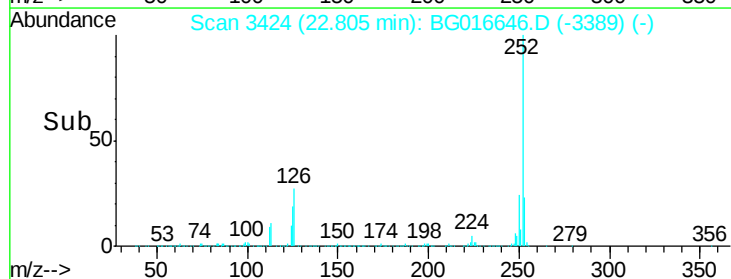
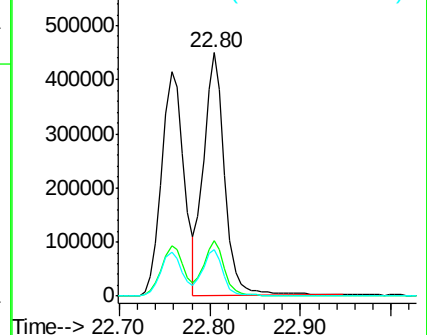
125 18.9 16.0 24.0

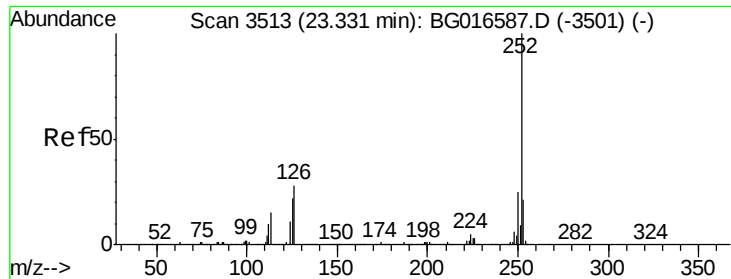


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 52.53 ng

RT: 23.33 min Scan# 3513

Delta R.T. -0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

Instrument :

BNA_G

ClientSampleId :

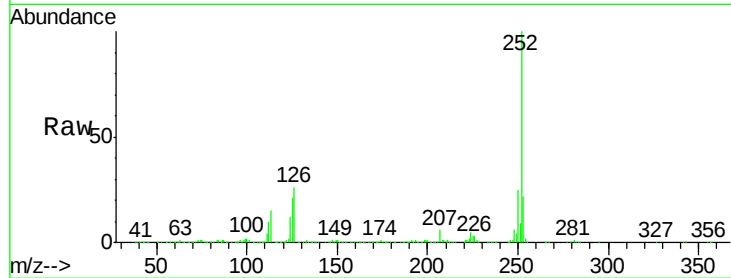
Tot Ion:252 Resp: 724749

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

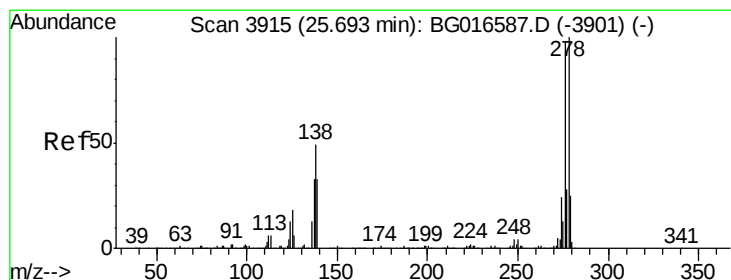
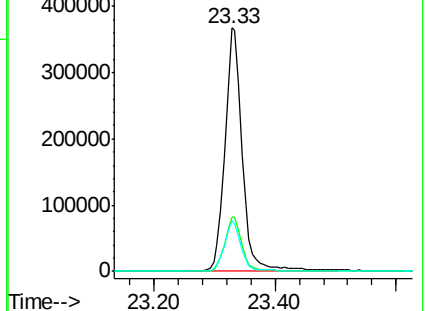
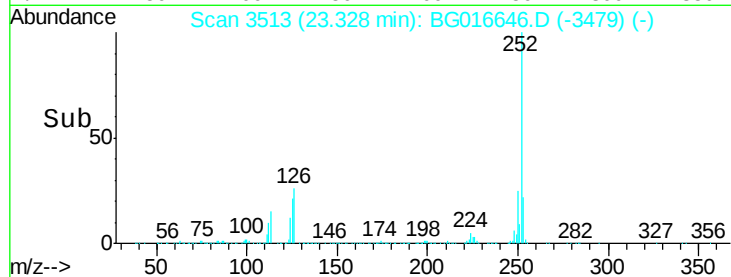
125 20.6 17.3 25.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 49.25 ng

RT: 25.70 min Scan# 3916

Delta R.T. 0.00 min

Lab File: BG016646.D

Acq: 23 Apr 2015 8:59

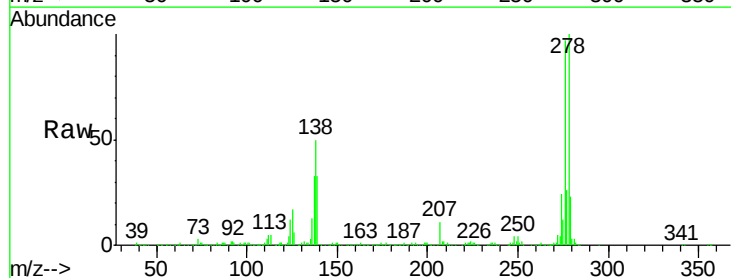
Tgt Ion:278 Resp: 660351

Ion Ratio Lower Upper

278 100

139 32.5 26.2 39.4

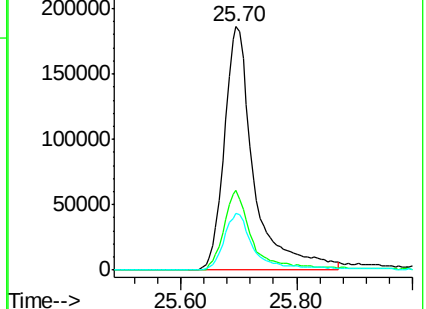
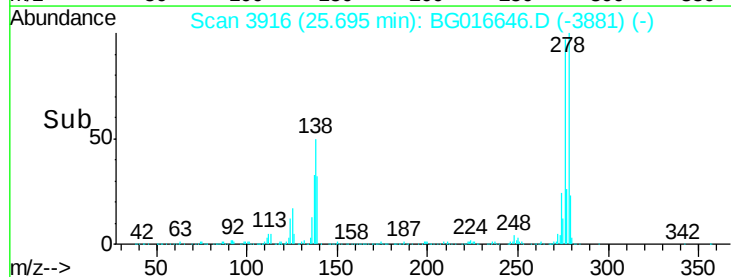
279 23.2 19.8 29.6

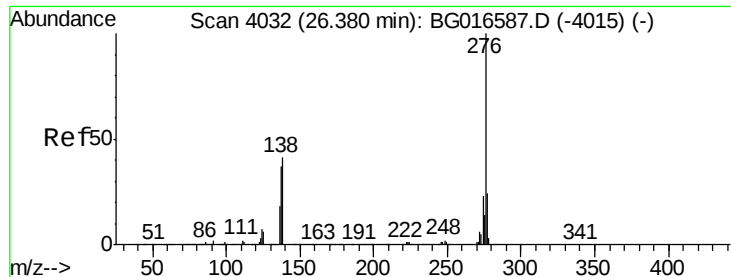


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

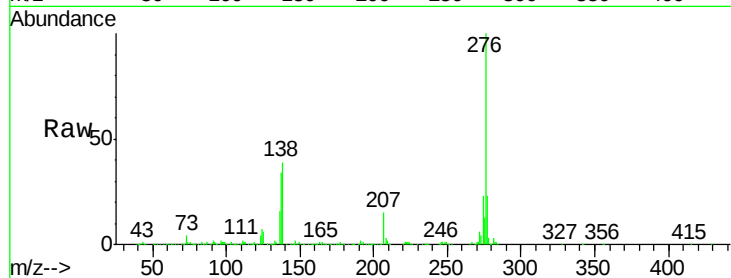




#91
 Benzo(a,h,i)perylene
 Concen: 41.69 ng
 RT: 26.38 min Scan# 4033
 Delta R.T. 0.00 min
 Lab File: BG016646.D
 Acq: 23 Apr 2015 8:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	39.4	32.7	49.1



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

