

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042415\
 Data File : BG016709.D
 Acq On : 25 Apr 2015 10:10
 Operator : TP/IZ
 Sample : PB83003BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

Quant Time: Apr 27 01:16:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 00:50:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	36115	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	153750	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	88054	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	203449	20.00	ng	0.00
75) Chrysene-d12	21.18	240	225322	20.00	ng	0.00
86) Perylene-d12	23.38	264	220334	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	208651	93.75	ng	0.00
7) Phenol-d6	6.79	99	284253	91.04	ng	0.00
23) Nitrobenzene-d5	8.75	82	246934	101.48	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	65777	100.69	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	577717	105.41	ng	0.00
78) Terphenyl-d14	19.63	244	895490	91.55	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	32112	33.31	ng	97
3) Pyridine	3.44	79	87188	31.85	ng	97
4) n-Nitrosodimethylamine	3.36	42	28753	35.60	ng	92
6) Aniline	6.92	93	92326	21.56	ng	98
8) 2-Chlorophenol	7.16	128	108513	39.45	ng	100
9) Benzaldehyde	6.74	77	8655	6.79	ng	93
10) Phenol	6.82	94	134012	40.72	ng	98
11) bis(2-Chloroethyl)ether	7.02	93	94303	36.71	ng	97
12) 1,3-Dichlorobenzene	7.48	146	101603	35.72	ng	99
13) 1,4-Dichlorobenzene	7.62	146	104449	35.92	ng	98
14) 1,2-Dichlorobenzene	7.94	146	102550	36.94	ng	99
15) Benzyl Alcohol	7.84	79	70809	36.14	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.13	45	90855	37.78	ng	98
17) 2-Methylphenol	8.06	107	89448	40.65	ng	99
18) Hexachloroethane	8.66	117	36950	36.04	ng	94
19) n-Nitroso-di-n-propylamine	8.40	70	66040	33.93	ng	98
20) 3+4-Methylphenols	8.39	107	119503	38.63	ng	97
22) Acetophenone	8.42	105	132023	39.12	ng	# 98
24) Nitrobenzene	8.79	77	95364	37.32	ng	99
25) Isophorone	9.31	82	179807	35.66	ng	100
26) 2-Nitrophenol	9.50	139	56373	38.02	ng	98
27) 2,4-Dimethylphenol	9.58	122	102556	41.42	ng	98
28) bis(2-Chloroethoxy)methane	9.80	93	116501	38.29	ng	99
29) 2,4-Dichlorophenol	10.04	162	90908	43.19	ng	99
30) 1,2,4-Trichlorobenzene	10.24	180	85437	38.30	ng	96
31) Naphthalene	10.43	128	308683	38.08	ng	99
32) Benzoic acid	9.73	122	29093	26.53	ng	99
33) 4-Chloroaniline	10.55	127	55269	14.80	ng	96
34) Hexachlorobutadiene	10.71	225	37862	38.00	ng	95
35) Caprolactam	11.31	113	32079	28.27	ng	99
36) 4-Chloro-3-methylphenol	11.70	107	103529	42.31	ng	99
37) 2-Methylnaphthalene	12.05	142	224903	38.41	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.42	216	80376	38.32	ng	99
40) Hexachlorocyclopentadiene	12.40	237	54928	68.69	ng	100

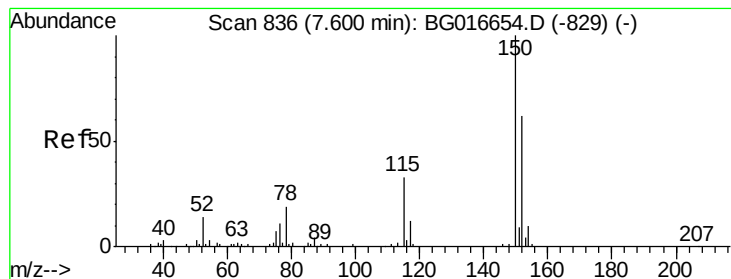
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042415\
 Data File : BG016709.D
 Acq On : 25 Apr 2015 10:10
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	60752	39.63	ng	98
43) 2,4,5-Trichlorophenol	12.76	196	68837	42.44	ng	95
45) 1,1'-Biphenyl	13.07	154	273857	39.60	ng	99
46) 2-Chloronaphthalene	13.12	162	206412	38.83	ng	98
47) 2-Nitroaniline	13.33	65	60452	41.69	ng	97
48) Acenaphthylene	13.97	152	361572	38.84	ng	99
49) Dimethylphthalate	13.71	163	256235	38.90	ng	99
50) 2,6-Dinitrotoluene	13.83	165	64977	40.20	ng	97
51) Acenaphthene	14.31	154	216251	38.70	ng	99
52) 3-Nitroaniline	14.17	138	53118	27.19	ng	98
53) 2,4-Dinitrophenol	14.39	184	61439	70.87	ng	94
54) Dibenzofuran	14.64	168	319313	40.51	ng	100
55) 4-Nitrophenol	14.51	139	137602	94.00	ng	96
56) 2,4-Dinitrotoluene	14.63	165	96750	43.70	ng	99
57) Fluorene	15.30	166	284468	41.29	ng	98
58) 2,3,4,6-Tetrachlorophenol	14.88	232	53891	43.91	ng	98
59) Diethylphthalate	15.08	149	278271	40.54	ng	99
60) 4-Chlorophenyl-phenylether	15.30	204	111792	38.85	ng	97
61) 4-Nitroaniline	15.33	138	95600	44.24	ng	97
62) Azobenzene	15.58	77	264114	42.13	ng	99
64) 4,6-Dinitro-2-methylphenol	15.40	198	51800	37.63	ng	95
65) n-Nitrosodiphenylamine	15.51	169	257141	36.87	ng	99
66) 4-Bromophenyl-phenylether	16.18	248	61828	36.37	ng	96
67) Hexachlorobenzene	16.30	284	65849	37.66	ng	100
68) Atrazine	16.47	200	88664	47.35	ng	100
69) Pentachlorophenol	16.65	266	65474	77.12	ng	96
70) Phenanthrene	17.04	178	466659	39.93	ng	99
71) Anthracene	17.12	178	471770	40.58	ng	99
72) Carbazole	17.40	167	532049	45.68	ng	98
73) Di-n-butylphthalate	17.96	149	594065	42.79	ng	100
74) Fluoranthene	19.06	202	556134	44.91	ng	99
76) Benzidine	19.25	184	258824	33.73	ng	99
77) Pyrene	19.42	202	591721	37.38	ng	98
79) Butylbenzylphthalate	20.32	149	311528	40.01	ng	98
80) Benzo(a)anthracene	21.17	228	540968	39.59	ng	98
81) 3,3'-Dichlorobenzidine	21.10	252	127694	28.68	ng	98
82) Chrysene	21.22	228	512645	39.14	ng	99
83) Bis(2-ethylhexyl)phthalate	21.09	149	440978	41.63	ng	99
84) Di-n-octyl phthalate	21.96	149	761349	43.15	ng	100
85) Indeno(1,2,3-cd)pyrene	25.63	276	574179	40.22	ng	100
87) Benzo(b)fluoranthene	22.72	252	508736	38.01	ng	98
88) Benzo(k)fluoranthene	22.76	252	517494	39.62	ng	99
89) Benzo(a)pyrene	23.29	252	501573	39.77	ng	97
90) Dibenzo(a,h)anthracene	25.63	278	474350	38.68	ng	98
91) Benzo(g,h,i)perylene	26.31	276	487648	39.08	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.59 min Scan# 835

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

Instrument :

BNA_G

ClientSampleId :

PB83003BSD

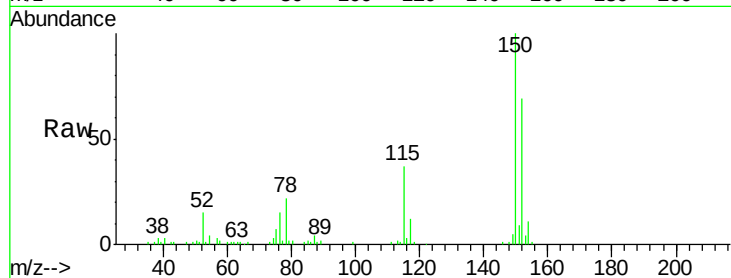
Tgt Ion:152 Resp: 36115

Ion Ratio Lower Upper

152 100

150 144.2 129.6 194.4

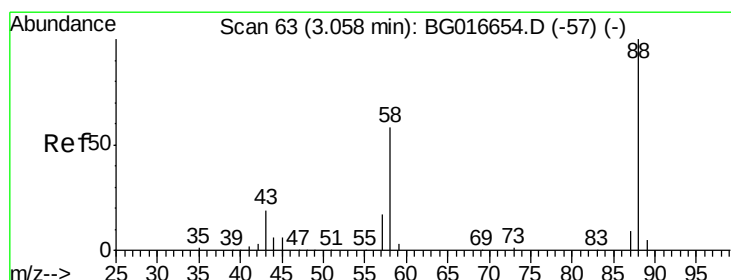
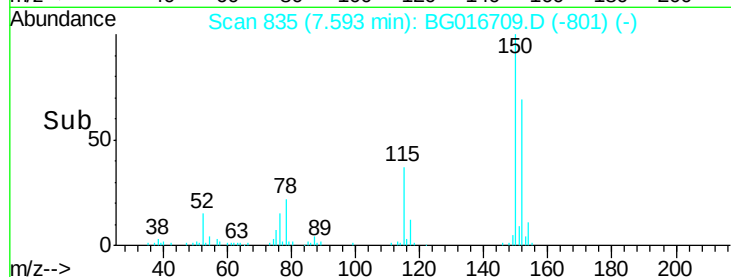
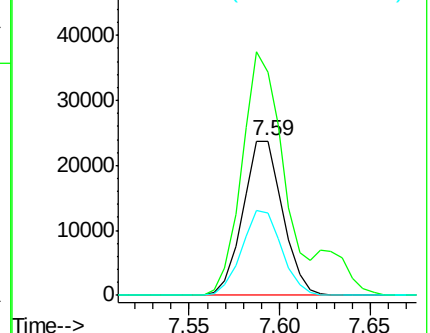
115 53.4 43.0 64.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.31 ng

RT: 3.05 min Scan# 61

Delta R.T. -0.01 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

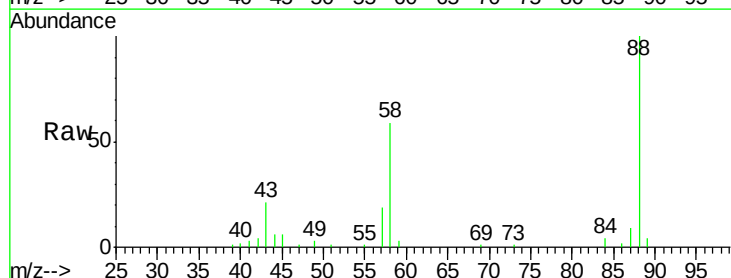
Tgt Ion: 88 Resp: 32112

Ion Ratio Lower Upper

88 100

58 60.7 46.8 70.2

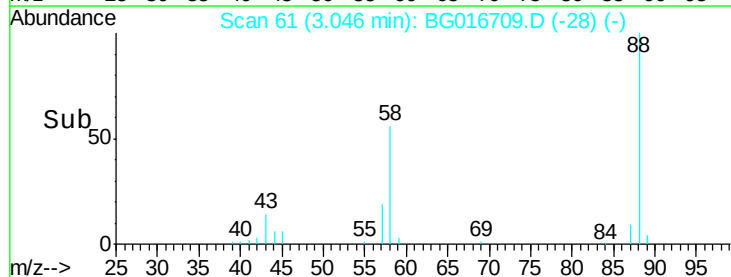
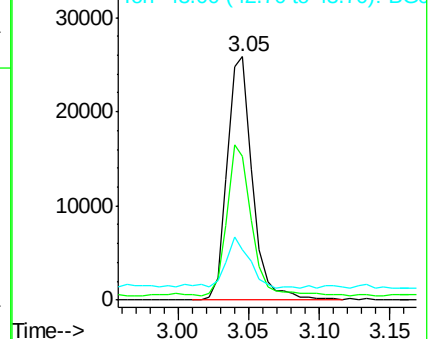
43 17.9 15.8 23.8

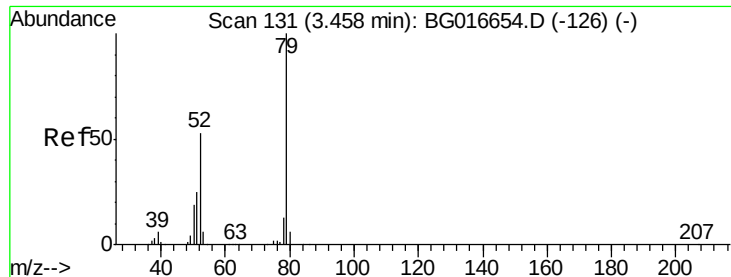


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 31.85 ng

RT: 3.44 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

Instrument :

BNA_G

ClientSampleId :

PB83003BSD

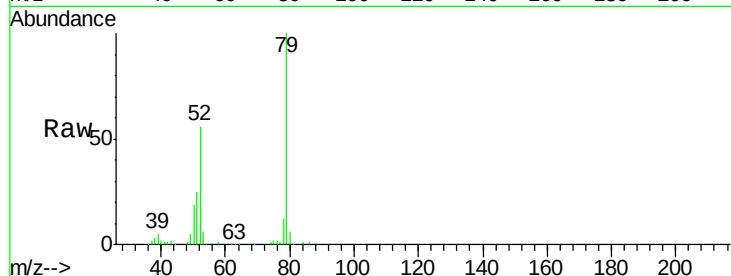
Tgt Ion: 79 Resp: 87188

Ion Ratio Lower Upper

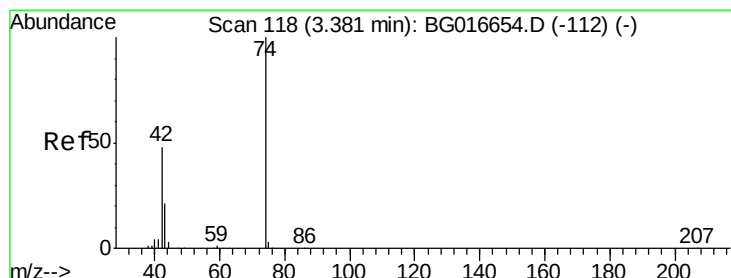
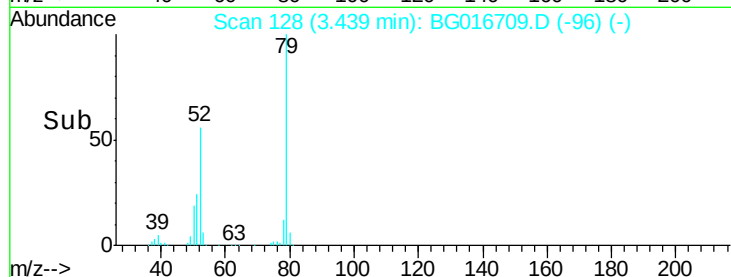
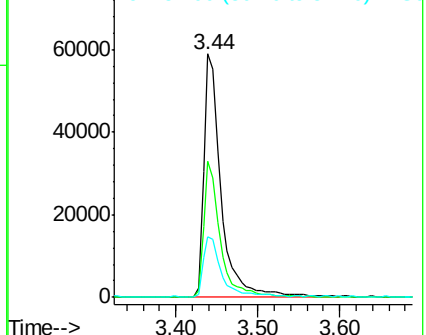
79 100

52 56.1 42.7 64.1

51 24.8 20.5 30.7



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 35.60 ng

RT: 3.36 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

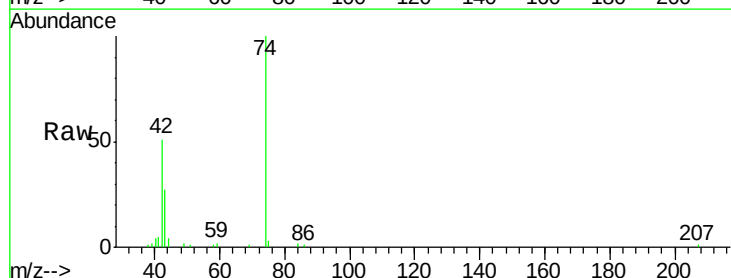
Tgt Ion: 42 Resp: 28753

Ion Ratio Lower Upper

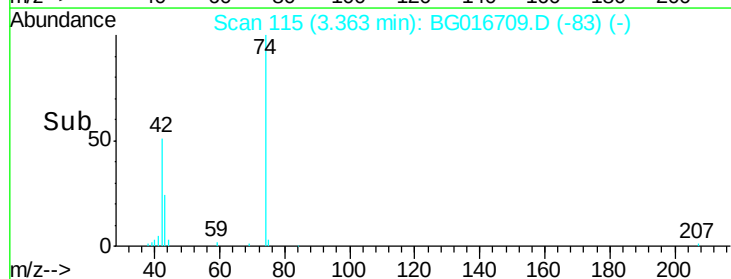
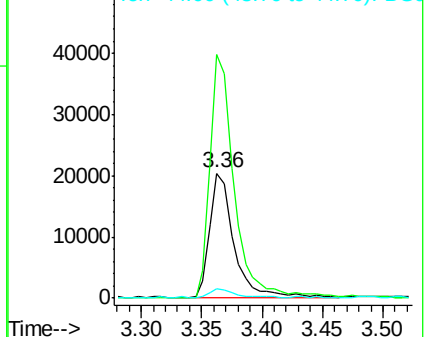
42 100

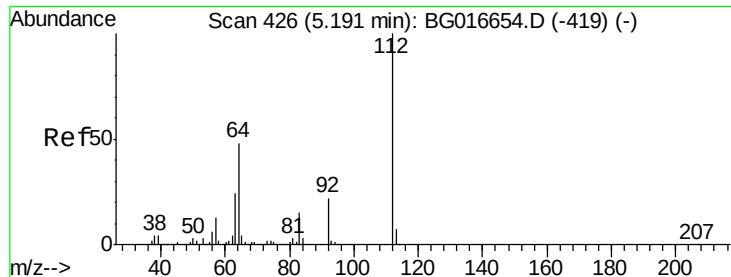
74 194.8 165.6 248.4

44 7.4 5.0 7.6



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 93.75 ng

RT: 5.18 min Scan# 425

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

Instrument :

BNA_G

ClientSampleId :

PB83003BSD

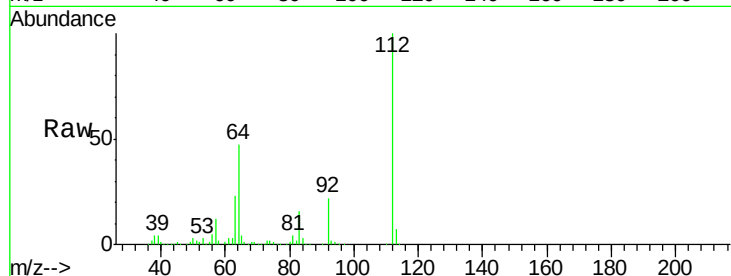
Tgt Ion: 112 Resp: 208651

Ion Ratio Lower Upper

112 100

64 46.6 38.3 57.5

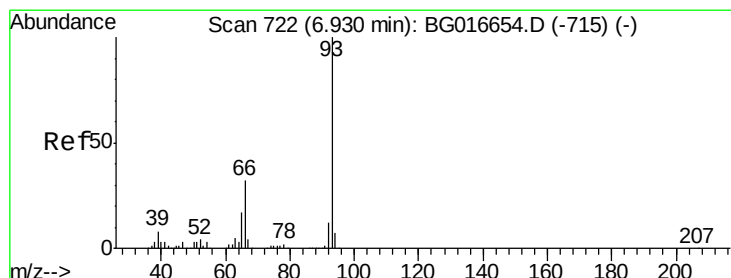
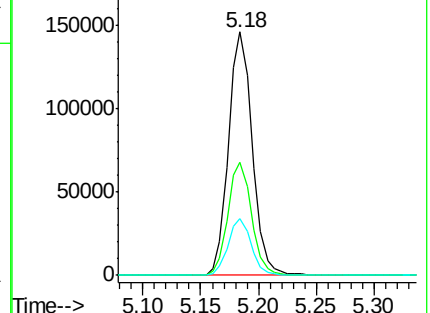
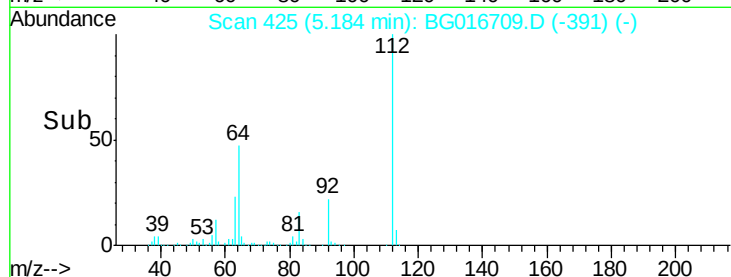
63 23.4 18.9 28.3



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: 21.56 ng

RT: 6.92 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

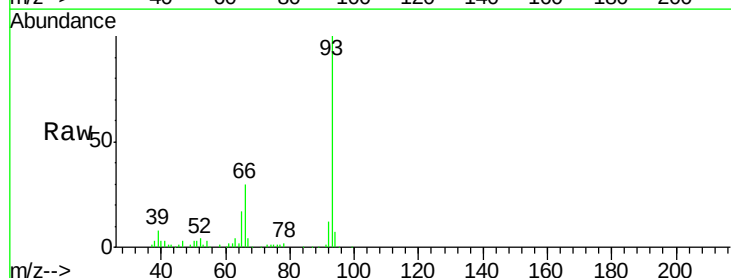
Tgt Ion: 93 Resp: 92326

Ion Ratio Lower Upper

93 100

66 30.1 25.4 38.2

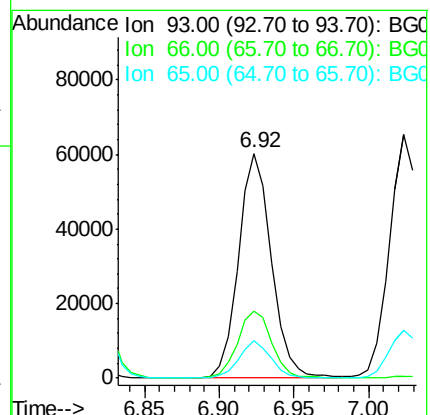
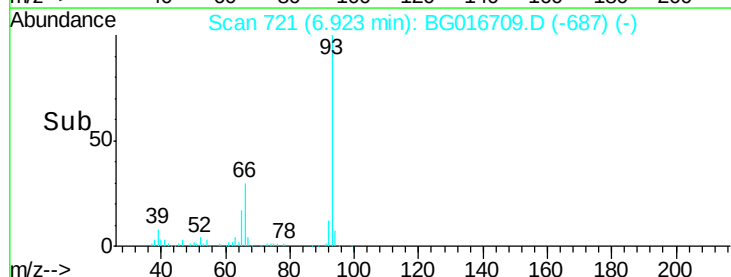
65 16.9 13.8 20.6

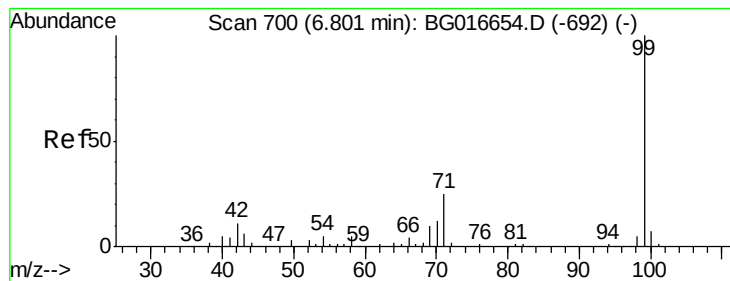


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 91.04 ng

RT: 6.79 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

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ClientSampleId :

PB83003BSD

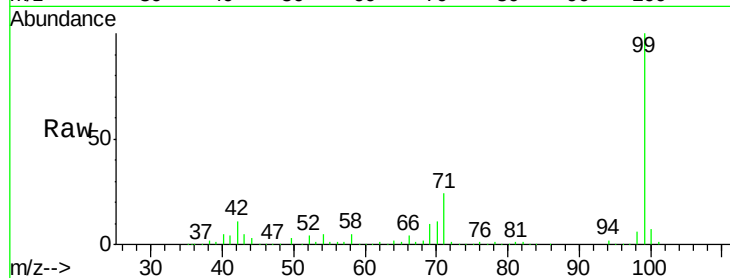
Tgt Ion: 99 Resp: 284253

Ion Ratio Lower Upper

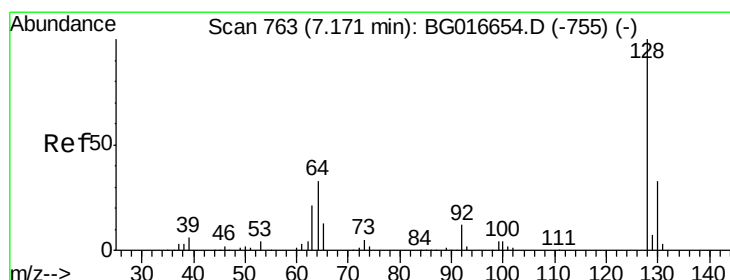
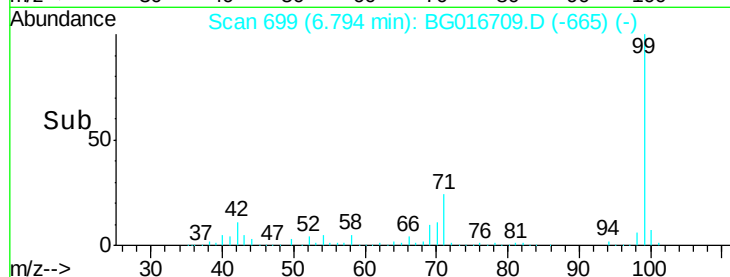
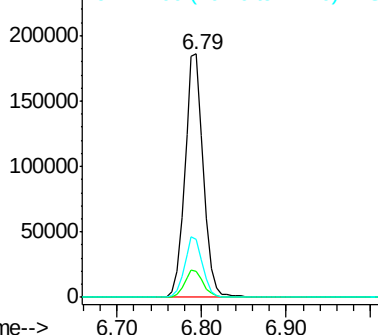
99 100

42 10.9 8.8 13.2

71 23.6 19.9 29.9



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



#8

2-Chlorophenol

Concen: 39.45 ng

RT: 7.16 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

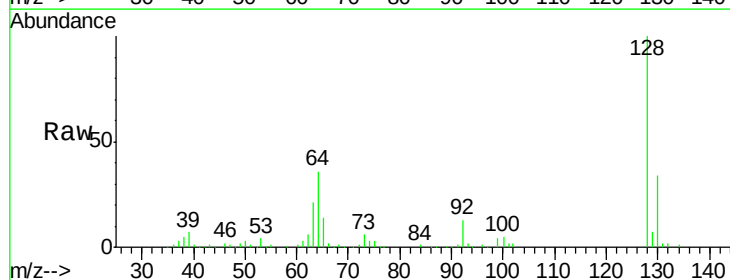
Tgt Ion: 128 Resp: 108513

Ion Ratio Lower Upper

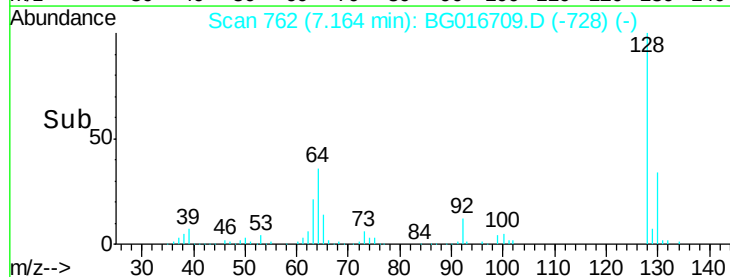
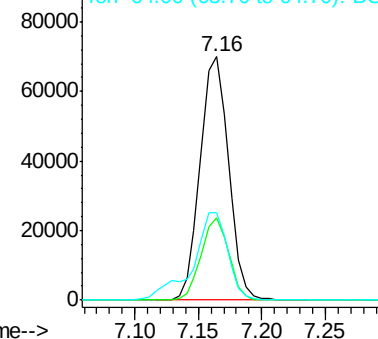
128 100

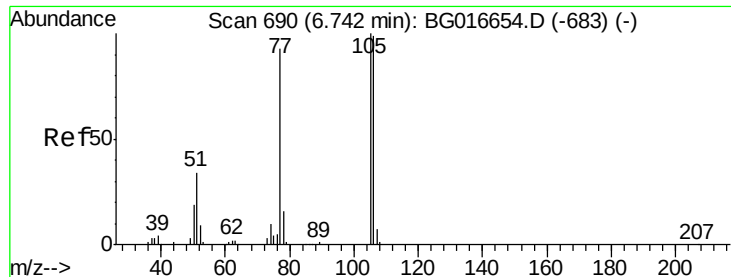
130 33.7 13.5 53.5

64 36.1 15.8 55.8



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 6.79 ng

RT: 6.74 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

Instrument :

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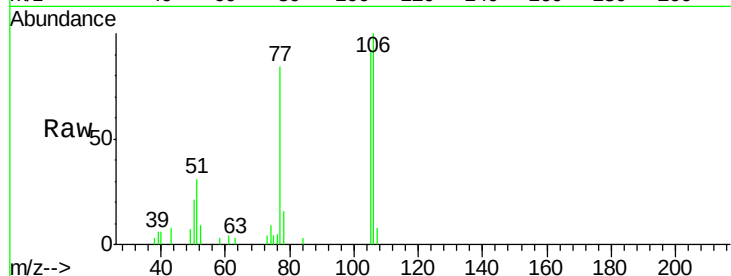
Tgt Ion: 77 Resp: 8655

Ion Ratio Lower Upper

77 100

105 109.6 88.0 128.0

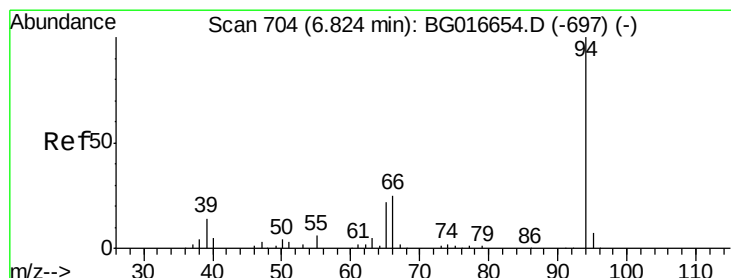
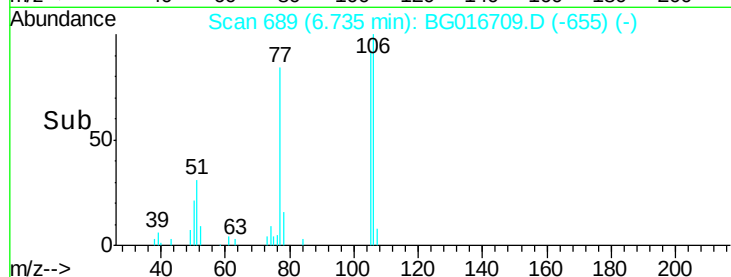
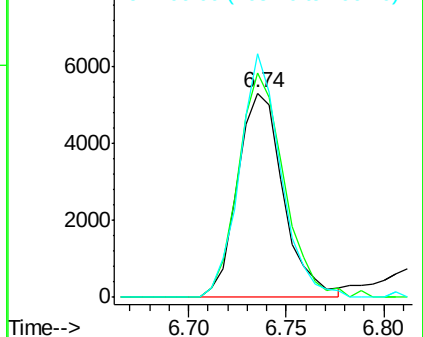
106 119.1 86.6 126.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.72 ng

RT: 6.82 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

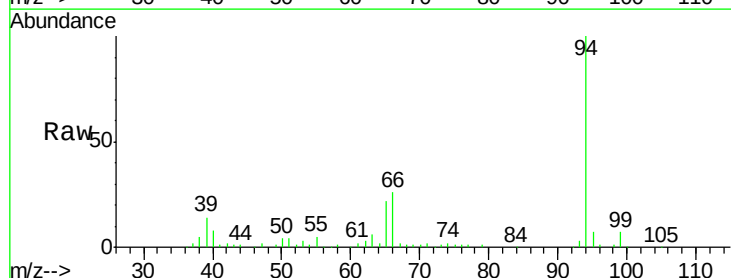
Tgt Ion: 94 Resp: 134012

Ion Ratio Lower Upper

94 100

65 21.7 2.6 42.6

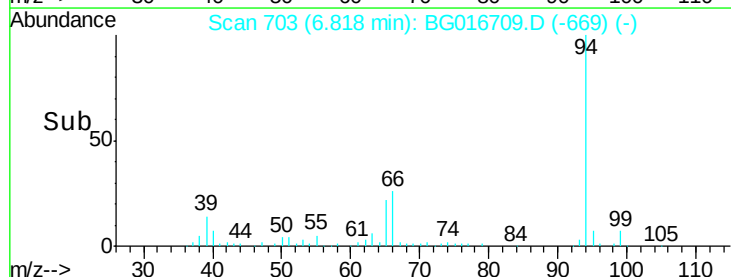
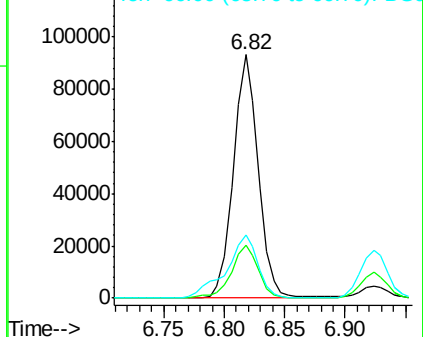
66 26.0 7.0 47.0

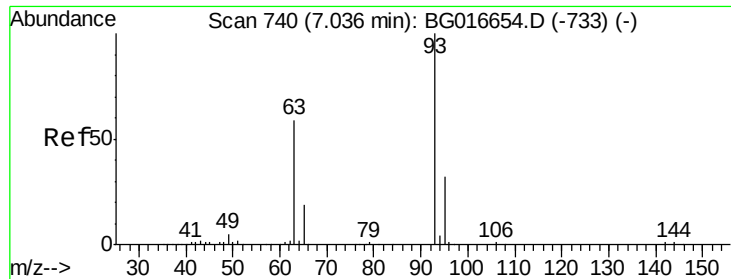


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

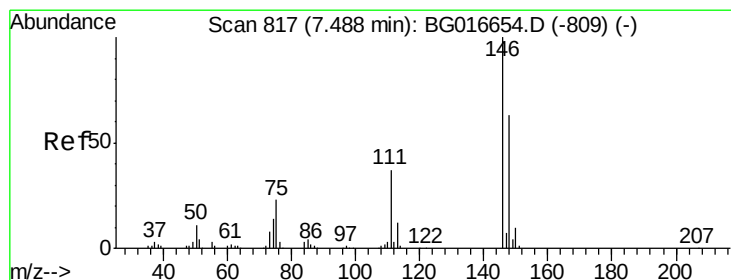
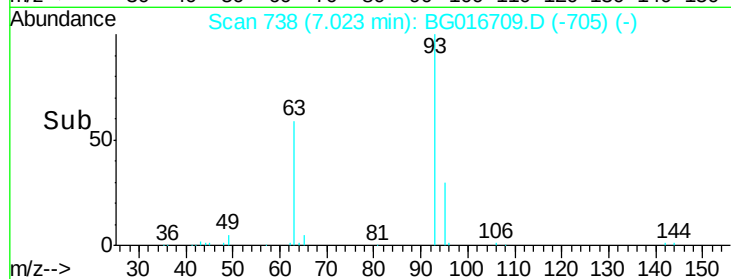
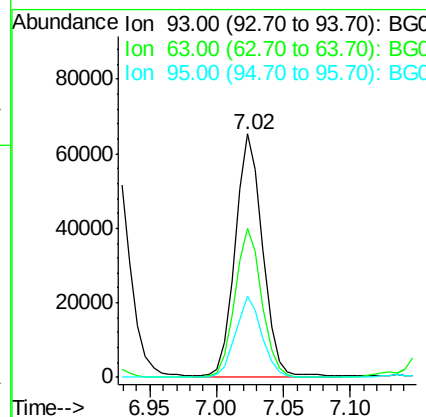
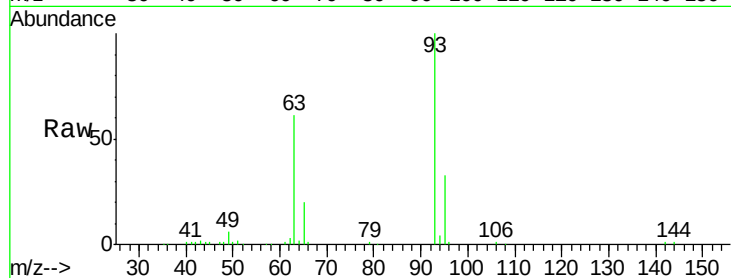




#11
 bis(2-Chloroethyl)ether
 Concen: 36.71 ng
 RT: 7.02 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

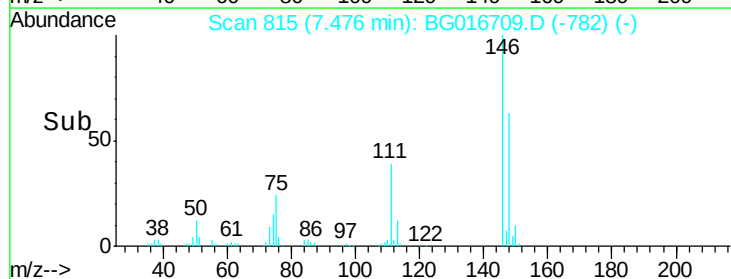
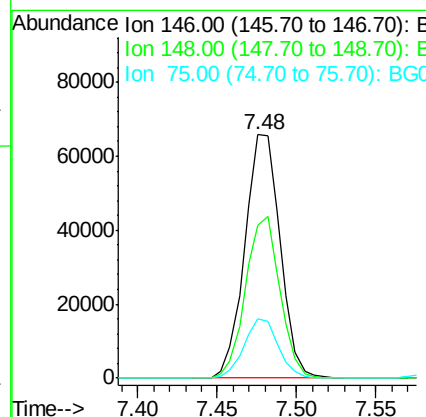
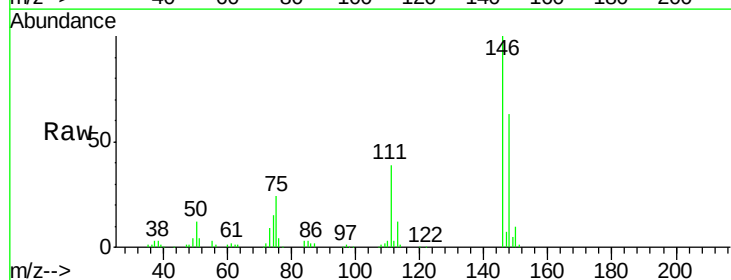
Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

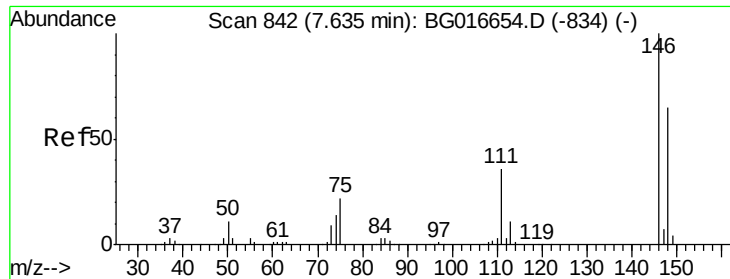
Tgt Ion: 93 Resp: 94303
 Ion Ratio Lower Upper
 93 100
 63 61.3 39.2 79.2
 95 33.1 11.9 51.9



#12
 1,3-Dichlorobenzene
 Concen: 35.72 ng
 RT: 7.48 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

Tgt Ion: 146 Resp: 101603
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.2 75.4
 75 24.3 18.4 27.6

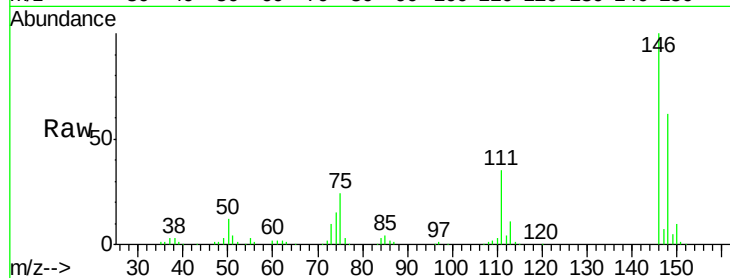




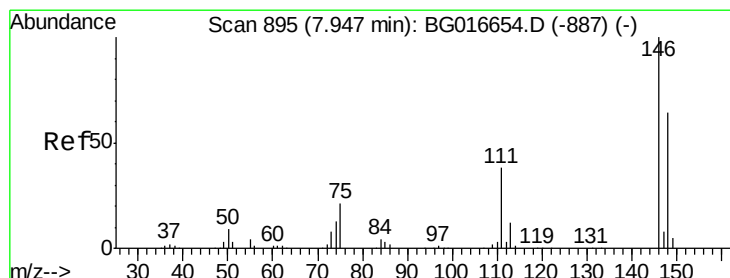
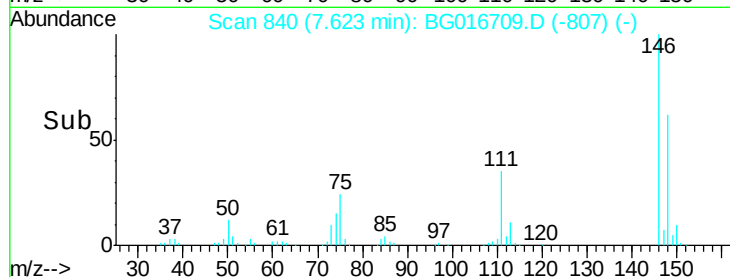
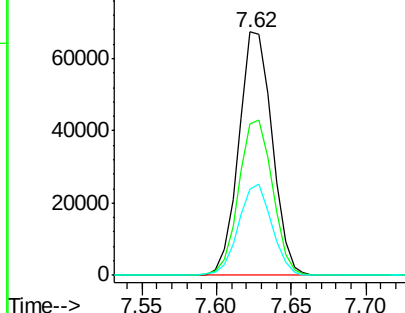
#13
 1,4-Dichlorobenzene
 Concen: 35.92 ng
 RT: 7.62 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

Tgt Ion:146 Resp: 104449
 Ion Ratio Lower Upper
 146 100
 148 62.3 51.6 77.4
 111 35.4 29.0 43.4

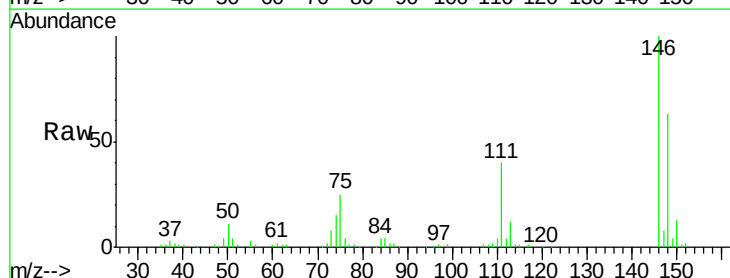


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

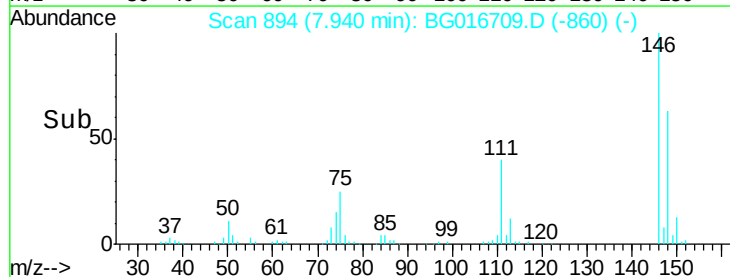
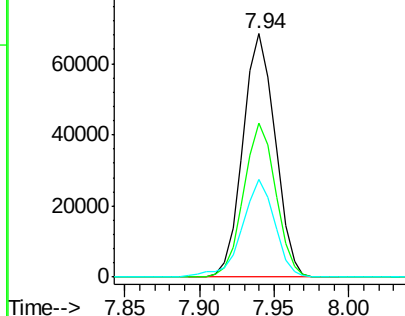


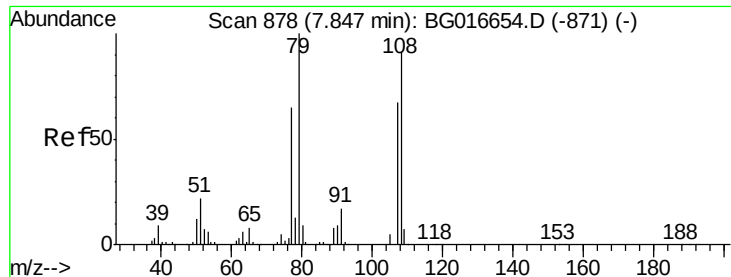
#14
 1,2-Dichlorobenzene
 Concen: 36.94 ng
 RT: 7.94 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

Tgt Ion:146 Resp: 102550
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.3 76.9
 111 40.0 31.0 46.4



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





#15

Benzyl Alcohol

Concen: 36.14 ng

RT: 7.84 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

Instrument :

BNA_G

ClientSampleId :

PB83003BSD

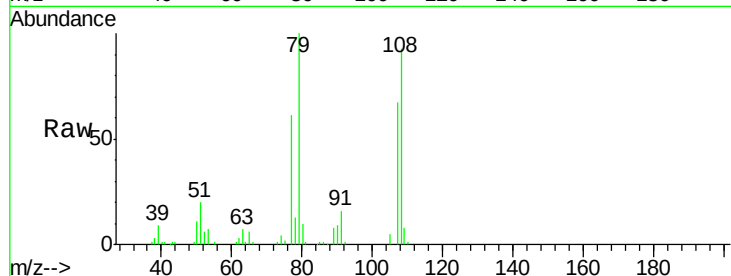
Tgt Ion: 79 Resp: 70809

Ion Ratio Lower Upper

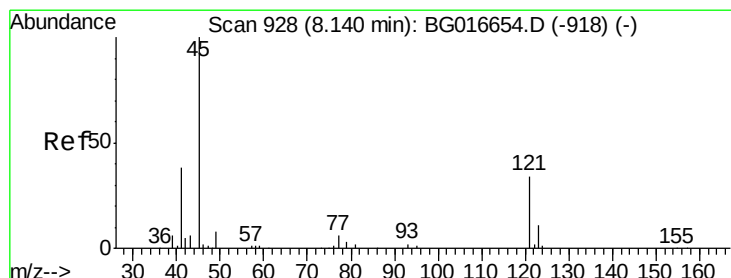
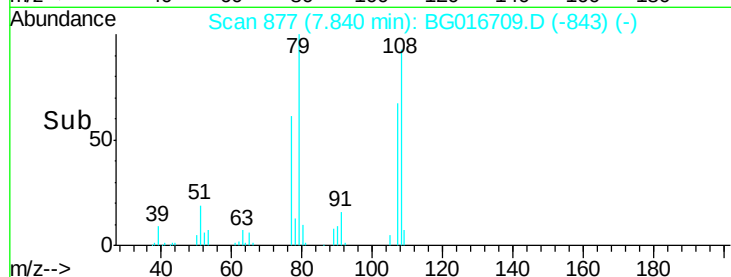
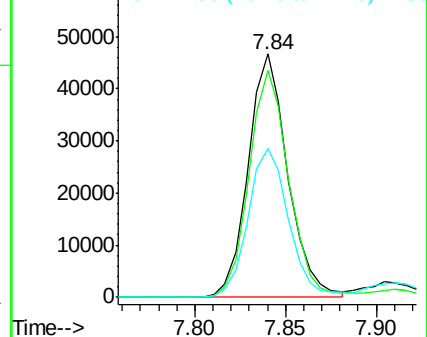
79 100

108 93.3 73.0 109.4

77 61.0 51.8 77.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.78 ng

RT: 8.13 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

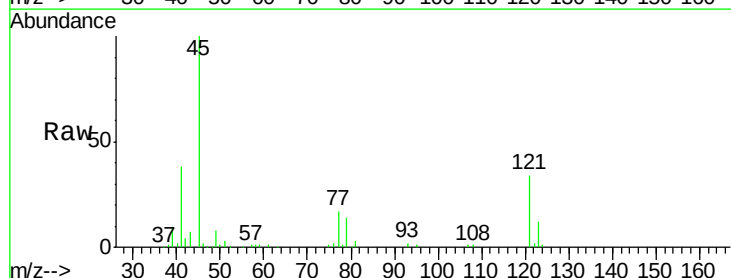
Tgt Ion: 45 Resp: 90855

Ion Ratio Lower Upper

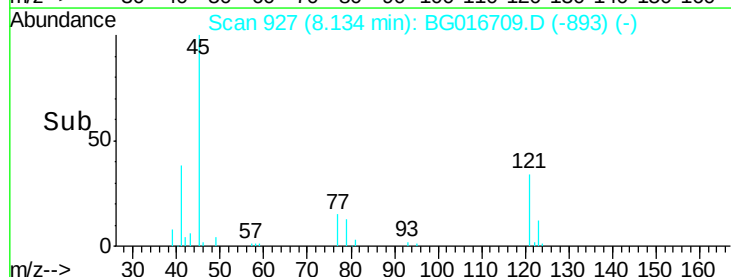
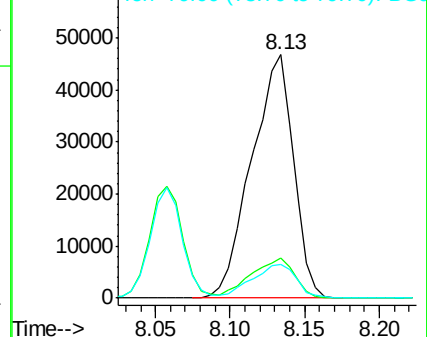
45 100

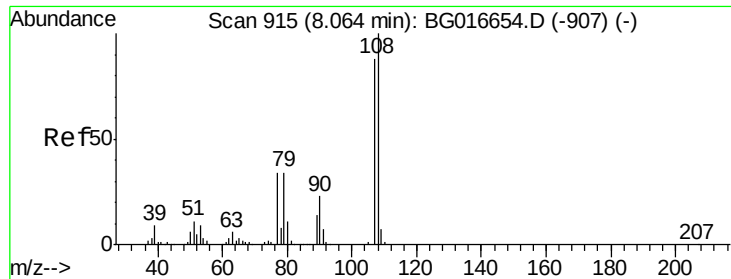
77 16.6 0.0 37.3

79 14.0 0.0 34.7



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





#17

2-Methylphenol

Concen: 40.65 ng

RT: 8.06 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

Instrument :

BNA_G

ClientSampleId :

PB83003BSD

Tgt Ion:107 Resp: 89448

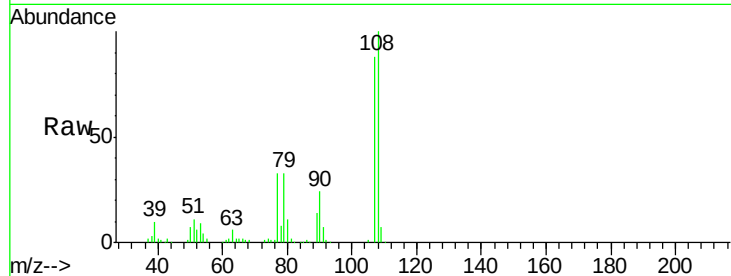
Ion Ratio Lower Upper

107 100

108 113.1 90.6 135.8

77 37.6 31.4 47.0

79 37.1 30.9 46.3

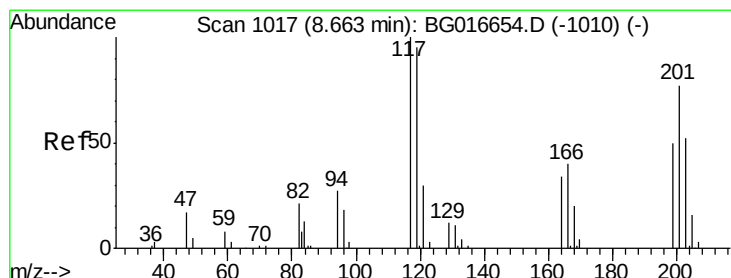
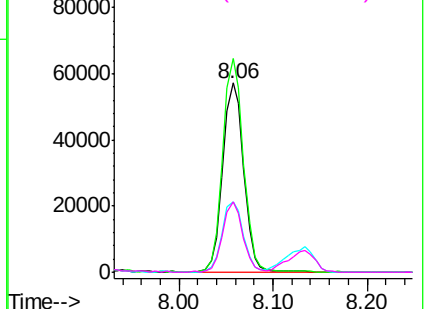
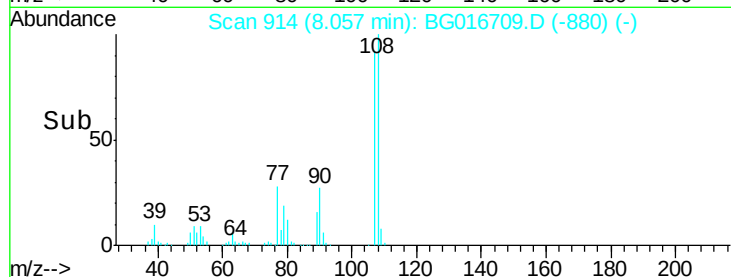


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.04 ng

RT: 8.66 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

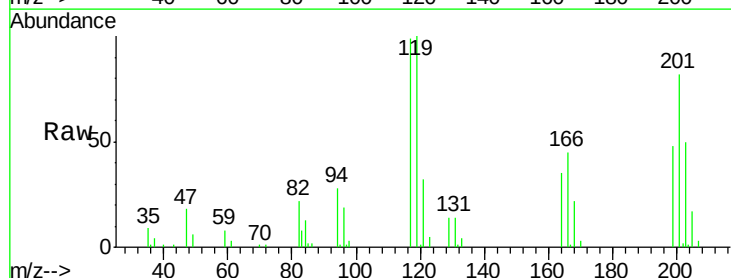
Tgt Ion:117 Resp: 36950

Ion Ratio Lower Upper

117 100

119 100.6 76.3 114.5

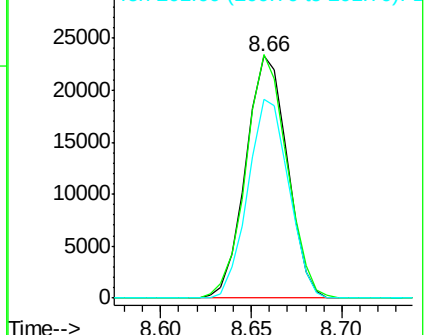
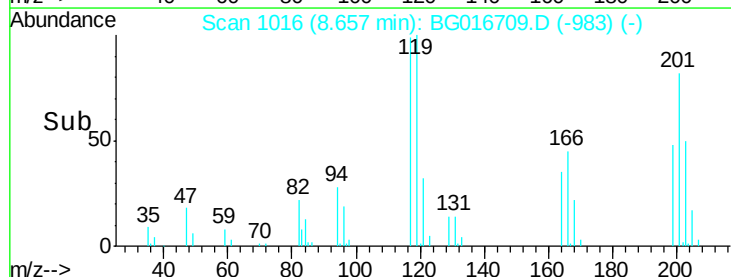
201 82.3 61.5 92.3

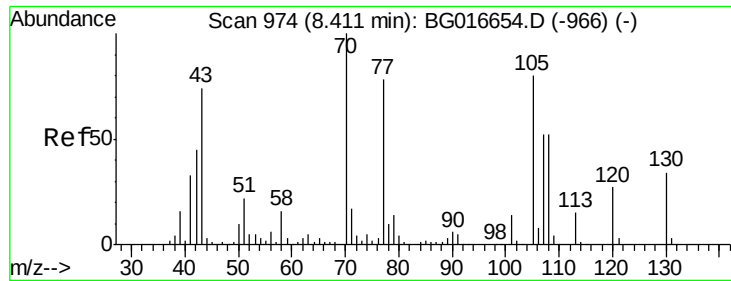


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

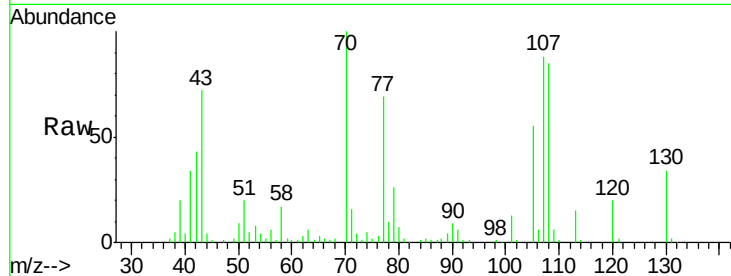




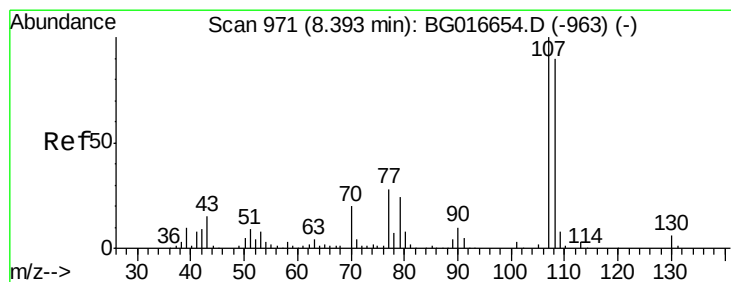
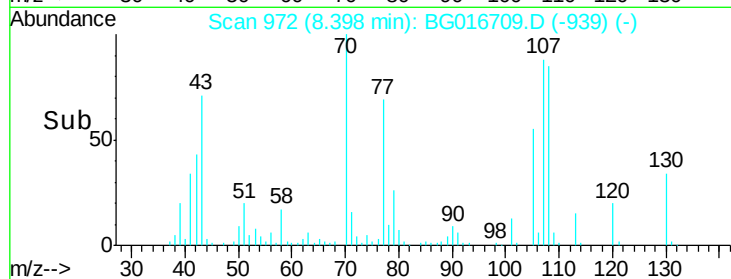
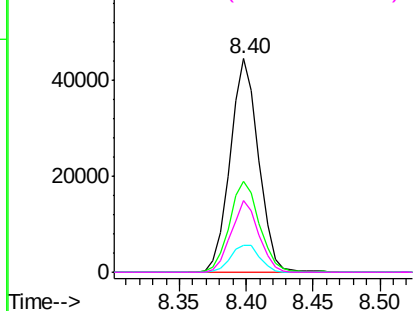
#19
n-Nitroso-di-n-propylamine
Concen: 33.93 ng
RT: 8.40 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

Instrument :
BNA_G
ClientSampleId :
PB83003BSD

Tgt Ion: 70 Resp: 66040
Ion Ratio Lower Upper
70 100
42 42.6 35.7 53.5
101 12.7 11.0 16.4
130 33.7 27.5 41.3

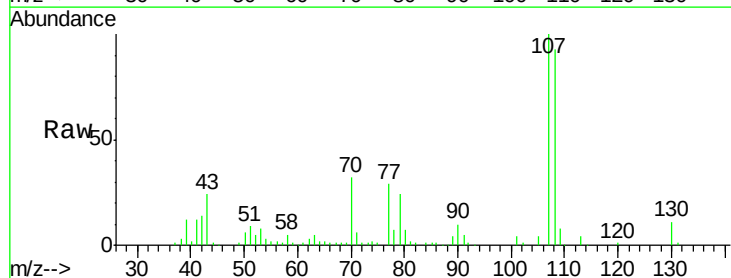


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

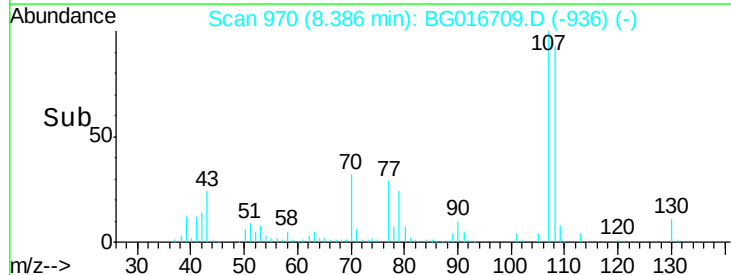
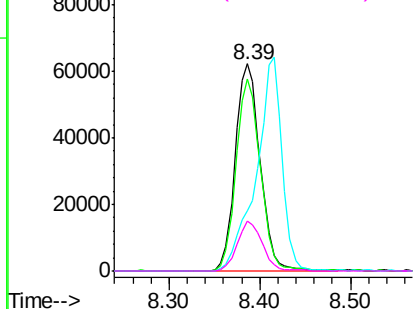


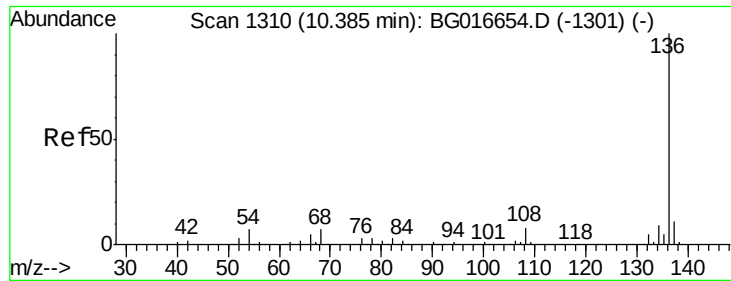
#20
3+4-Methylphenols
Concen: 38.63 ng
RT: 8.39 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

Tgt Ion: 107 Resp: 119503
Ion Ratio Lower Upper
107 100
108 93.0 69.5 109.5
77 29.4 8.2 48.2
79 23.9 4.2 44.2



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

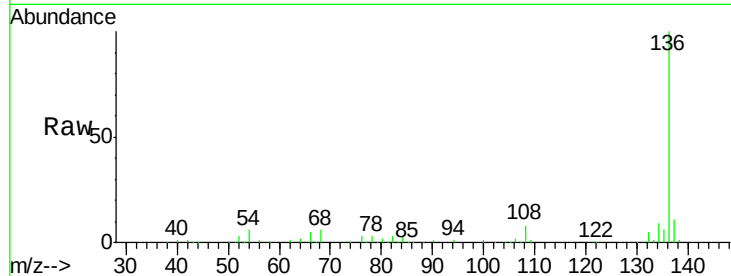




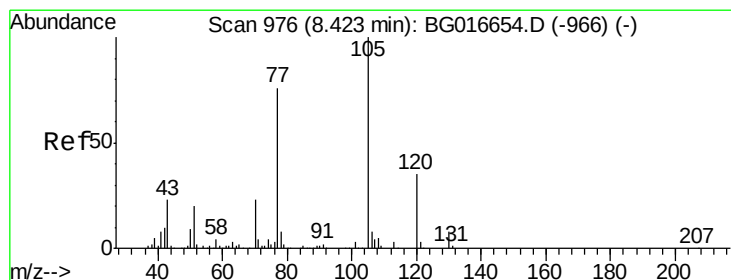
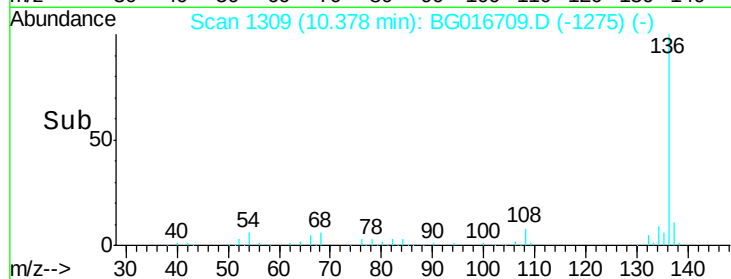
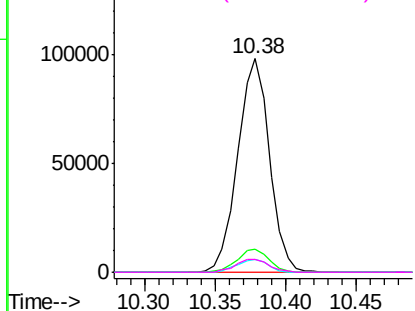
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.38 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

Instrument :
BNA_G
ClientSampleId :
PB83003BSD

Tgt Ion:	136	Resp:	153750
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.0	5.4	8.2
68	6.2	5.2	7.8

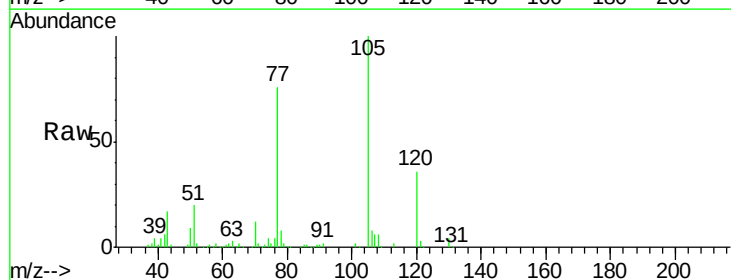


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

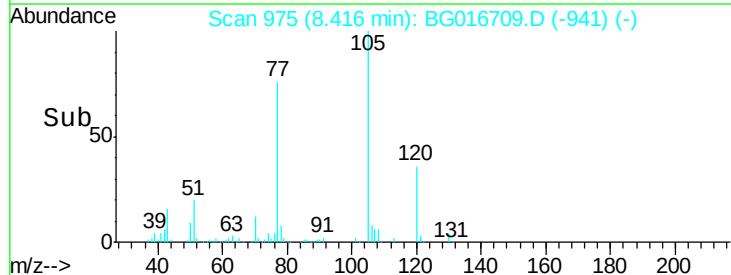
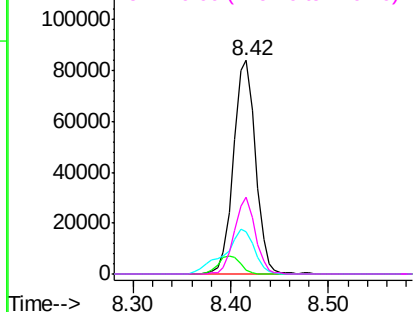


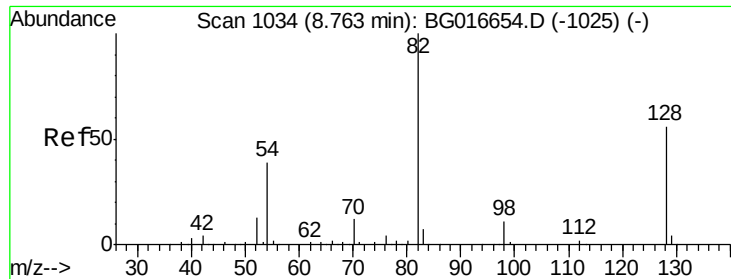
#22
Acetophenone
Concen: 39.12 ng
RT: 8.42 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

Tgt Ion:	105	Resp:	132023
Ion	Ratio	Lower	Upper
105	100		
71	2.1	3.0	4.4#
51	19.7	16.5	24.7
120	35.8	27.8	41.6



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

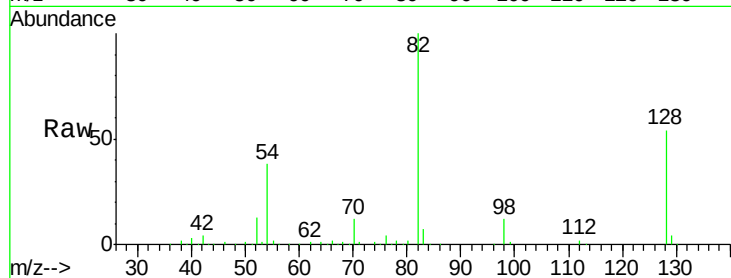




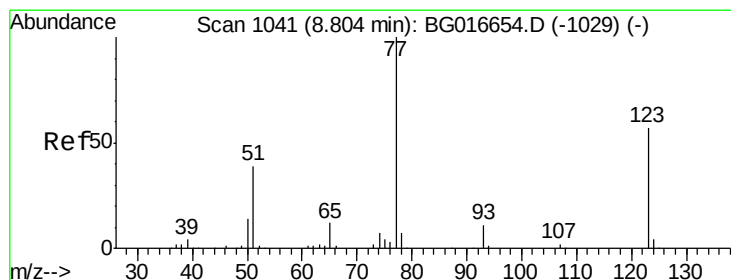
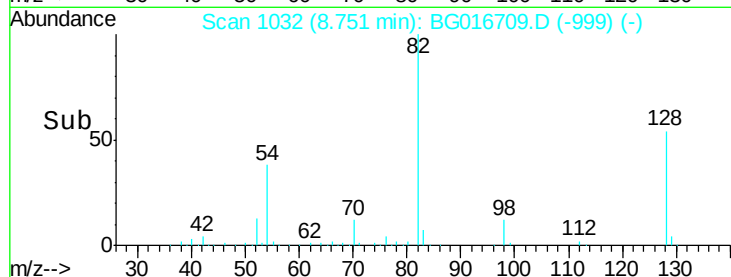
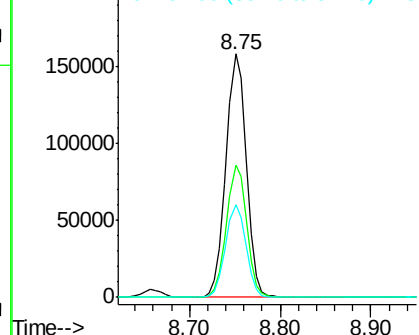
#23
 Nitrobenzene-d5
 Concen: 101.48 ng
 RT: 8.75 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

Tgt Ion: 82 Resp: 246934
 Ion Ratio Lower Upper
 82 100
 128 54.4 44.7 67.1
 54 38.0 30.9 46.3

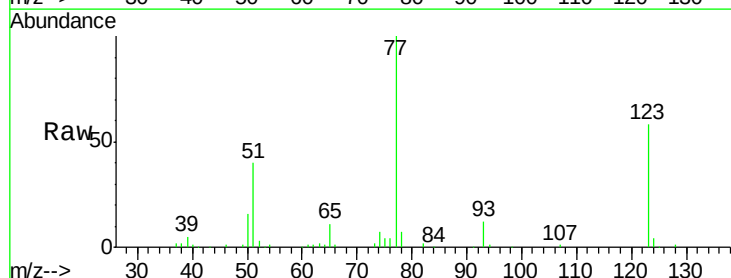


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

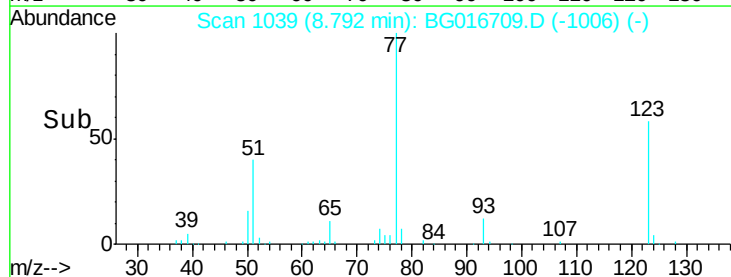
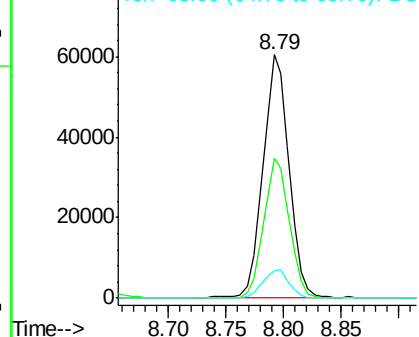


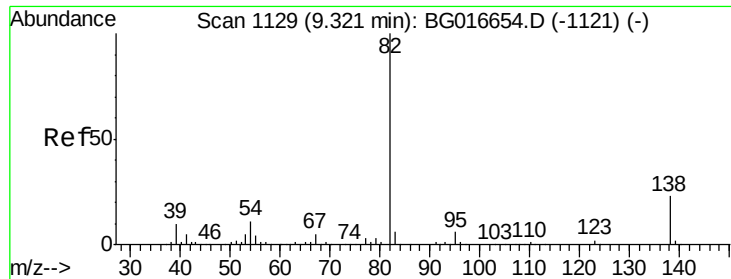
#24
 Nitrobenzene
 Concen: 37.32 ng
 RT: 8.79 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

Tgt Ion: 77 Resp: 95364
 Ion Ratio Lower Upper
 77 100
 123 57.5 45.6 68.4
 65 11.4 9.4 14.2



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





#25

Isophorone

Concen: 35.66 ng

RT: 9.31 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

Instrument :

BNA_G

ClientSampleId :

PB83003BSD

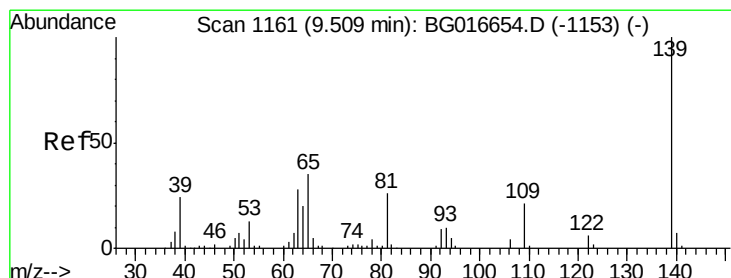
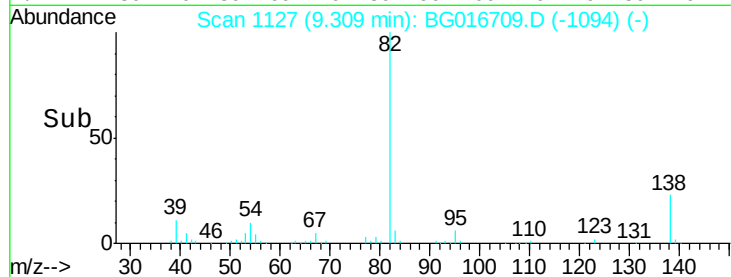
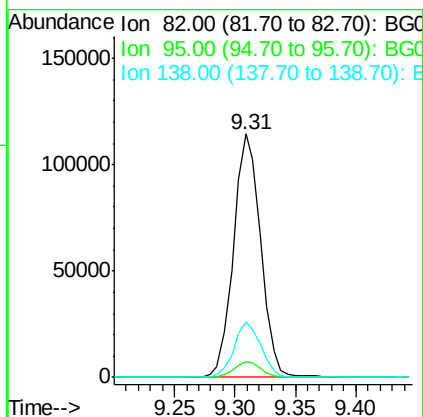
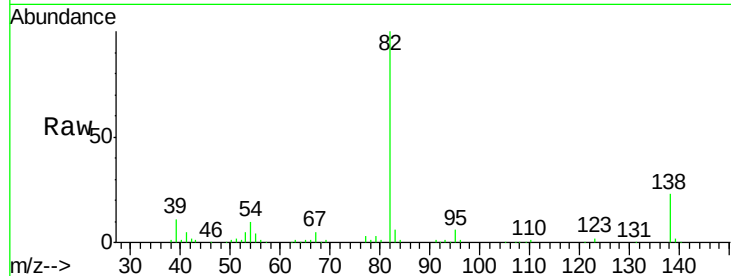
Tgt Ion: 82 Resp: 179807

Ion Ratio Lower Upper

82 100

95 6.3 5.0 7.6

138 23.0 18.2 27.2



#26

2-Nitrophenol

Concen: 38.02 ng

RT: 9.50 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

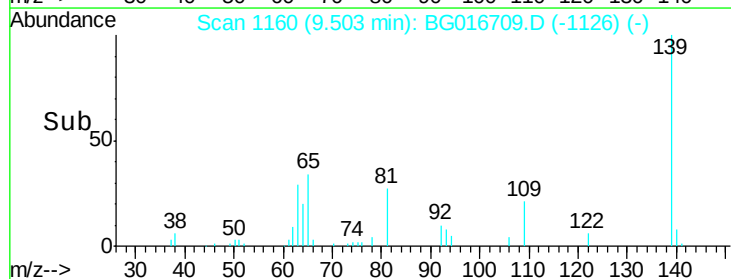
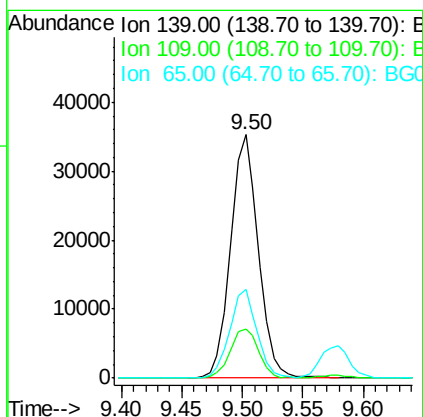
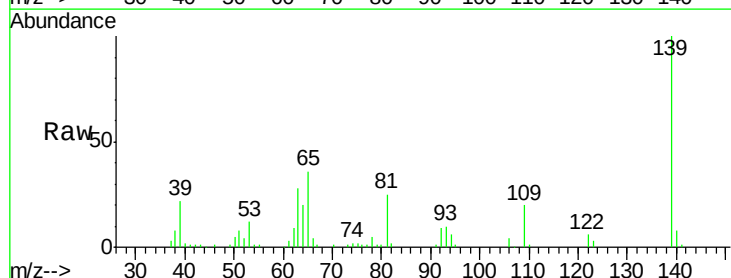
Tgt Ion: 139 Resp: 56373

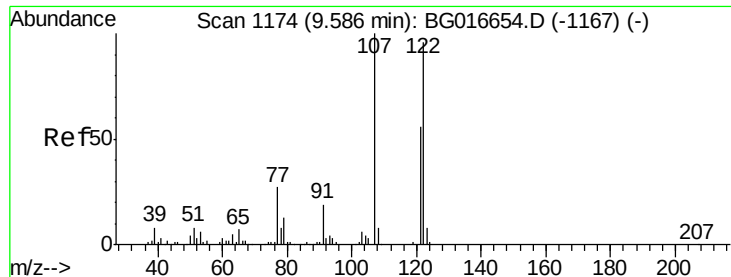
Ion Ratio Lower Upper

139 100

109 20.0 17.0 25.6

65 36.2 28.2 42.4





#27

2,4-Dimethylphenol

Concen: 41.42 ng

RT: 9.58 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

Instrument :

BNA_G

ClientSampleId :

PB83003BSD

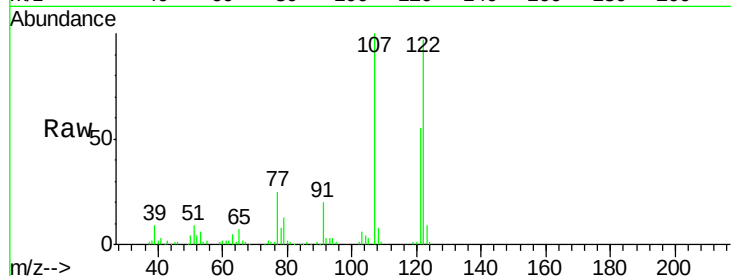
Tgt Ion:122 Resp: 102556

Ion Ratio Lower Upper

122 100

107 102.9 83.6 125.4

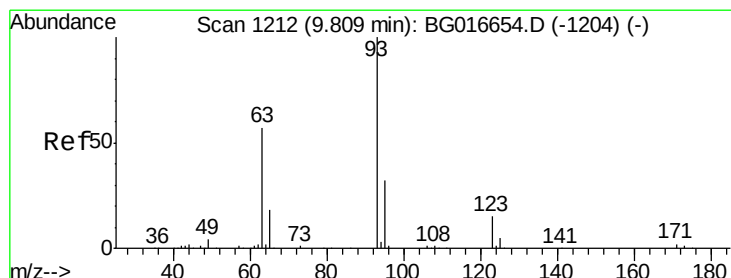
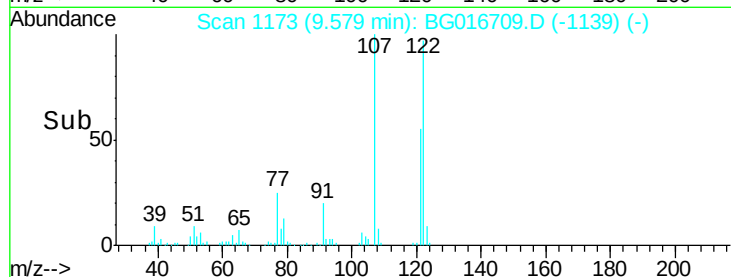
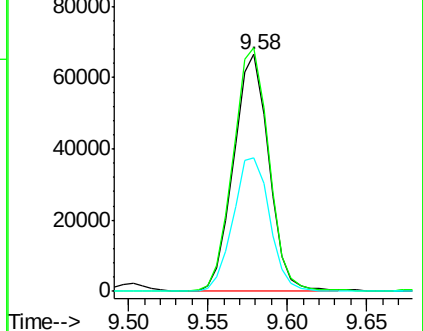
121 56.4 46.8 70.2



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: 38.29 ng

RT: 9.80 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

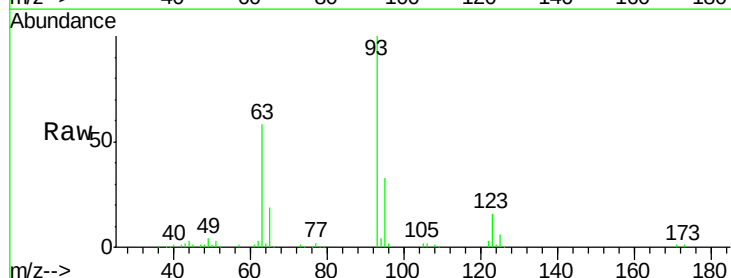
Tgt Ion: 93 Resp: 116501

Ion Ratio Lower Upper

93 100

95 32.8 25.4 38.2

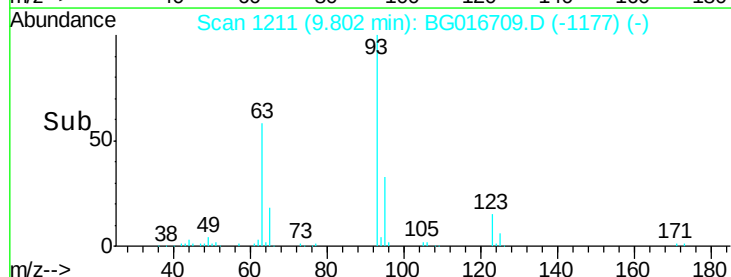
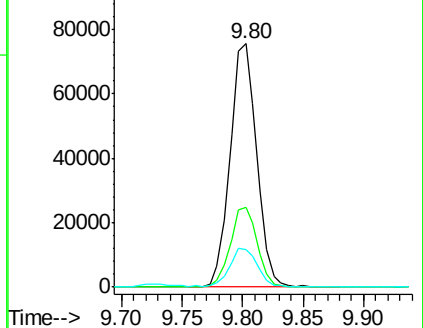
123 15.6 12.2 18.4

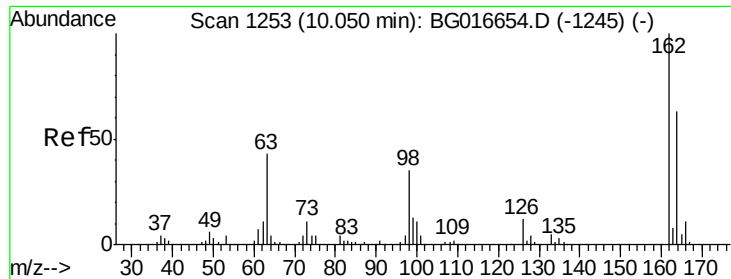


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

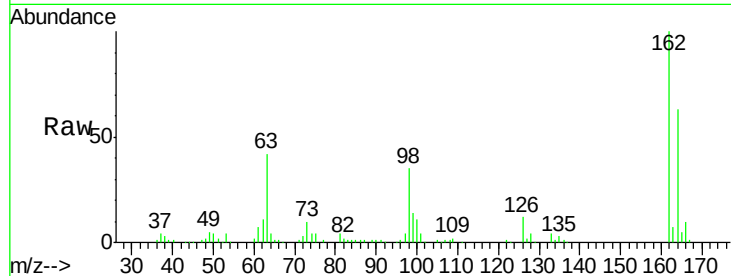




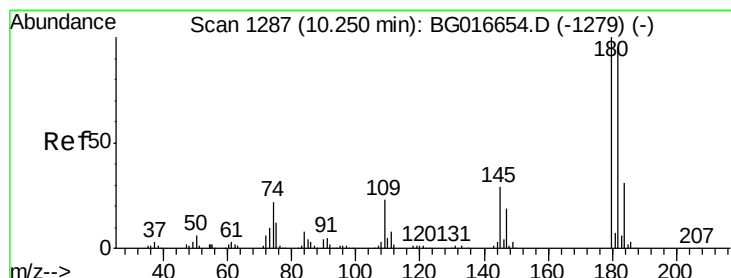
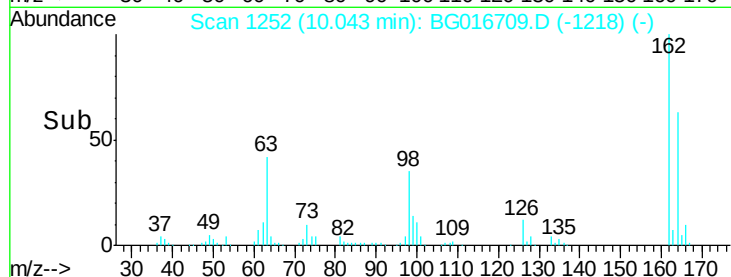
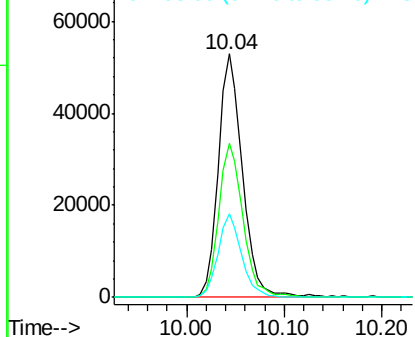
#29
 2,4-Dichlorophenol
 Concen: 43.19 ng
 RT: 10.04 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.1	42.9	82.9
98	34.6	15.4	55.4

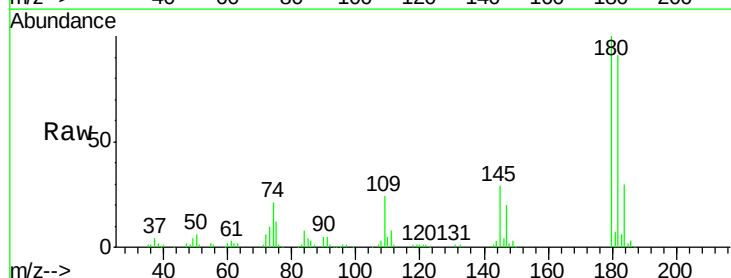


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

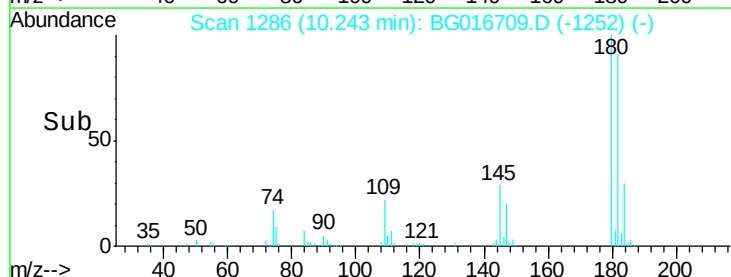
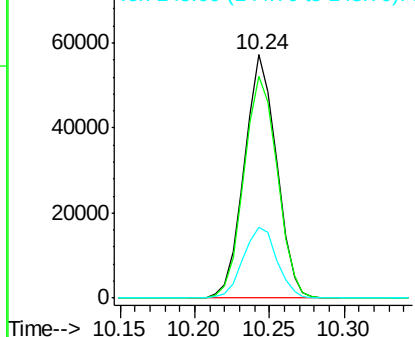


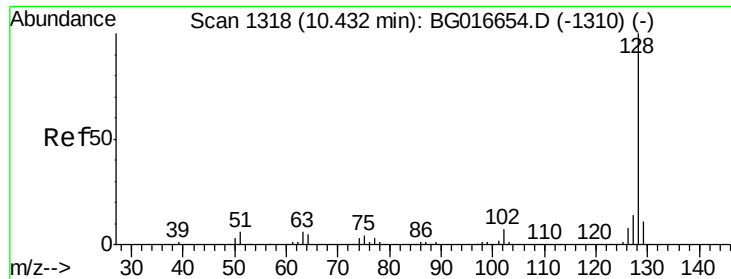
#30
 1,2,4-Trichlorobenzene
 Concen: 38.30 ng
 RT: 10.24 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.9	76.2	114.4
145	28.9	23.2	34.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

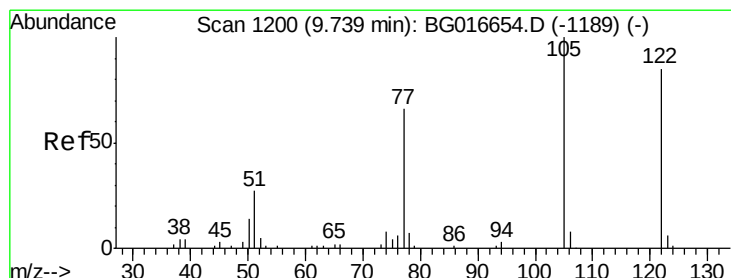
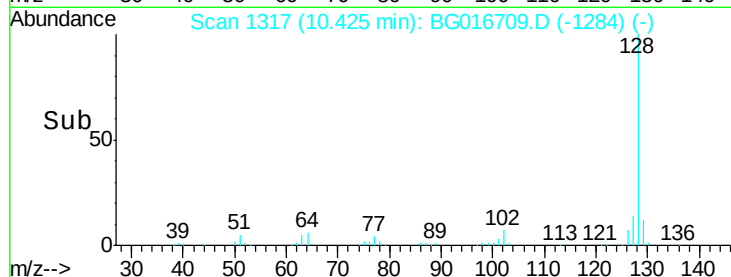
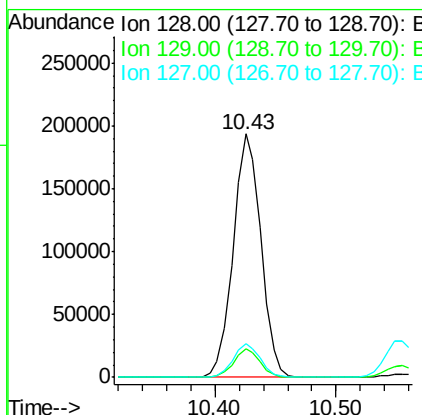
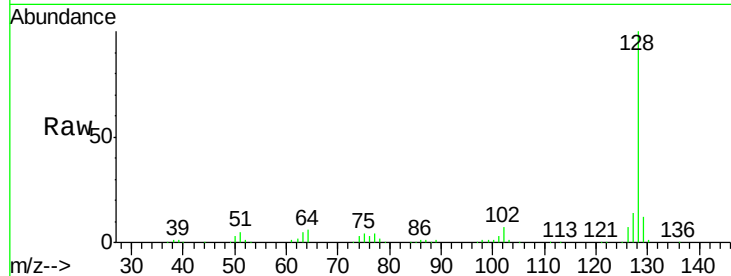




#31
Naphthalene
Concen: 38.08 ng
RT: 10.43 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

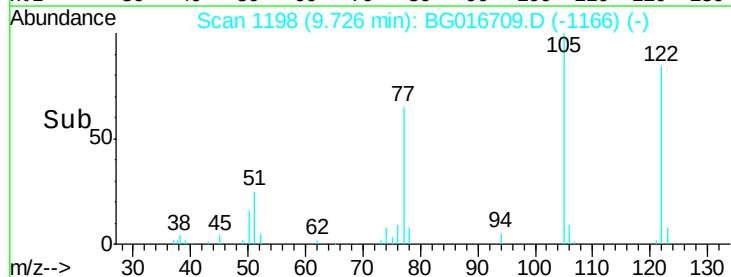
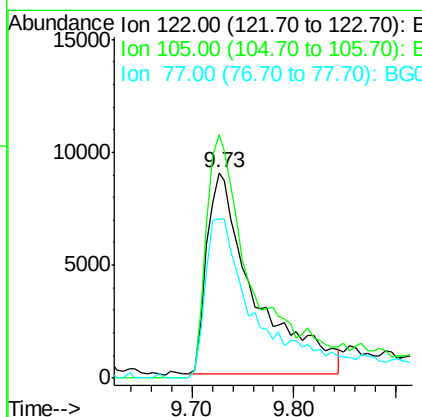
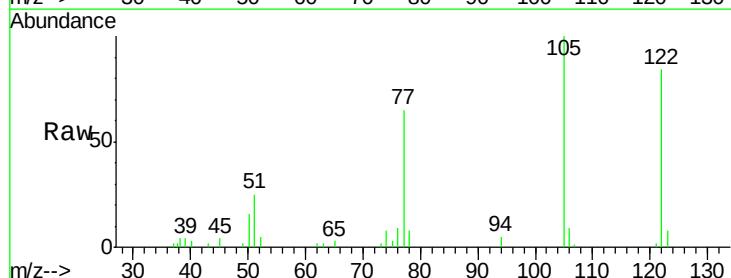
Instrument :
BNA_G
ClientSampleId :
PB83003BSD

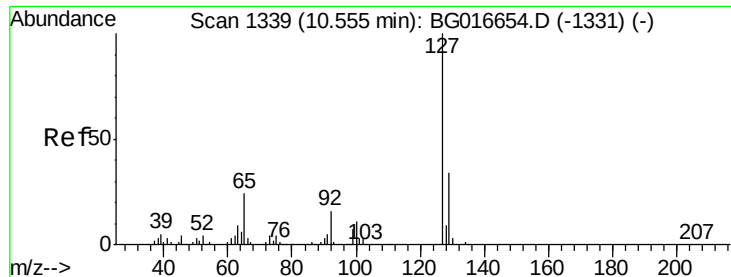
Tgt Ion:128 Resp: 308683
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.8 11.1 16.7



#32
Benzoic acid
Concen: 26.53 ng
RT: 9.73 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

Tgt Ion:122 Resp: 29093
Ion Ratio Lower Upper
122 100
105 118.6 97.2 137.2
77 77.7 58.4 98.4

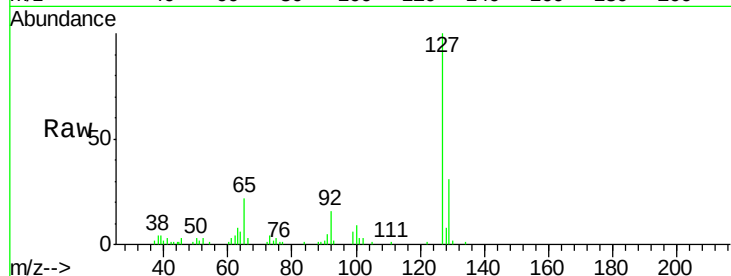




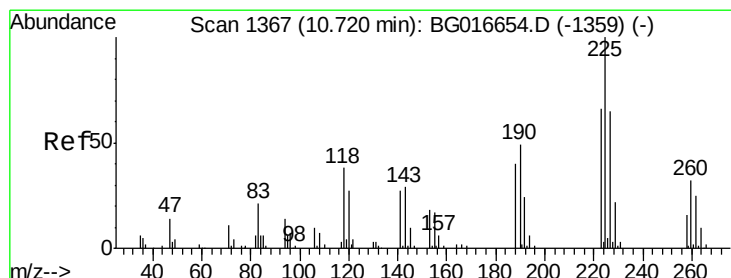
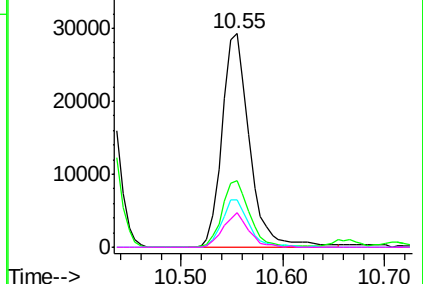
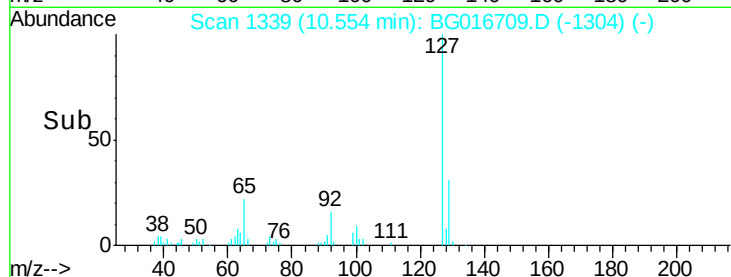
#33
4-Chloroaniline
Concen: 14.80 ng
RT: 10.55 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

Instrument :
BNA_G
ClientSampleId :
PB83003BSD

Tgt Ion:	127	Resp:	55269
Ion	Ratio	Lower	Upper
127	100		
129	31.5	27.4	41.2
65	22.0	19.1	28.7
92	16.0	12.6	18.8

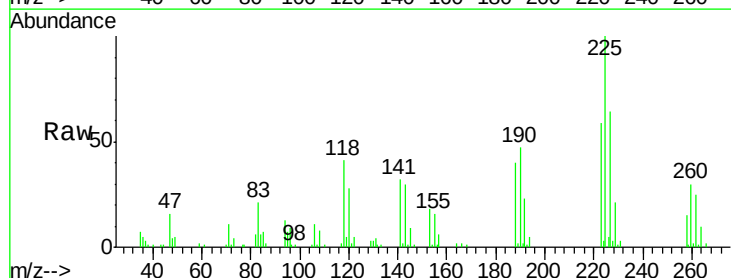


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

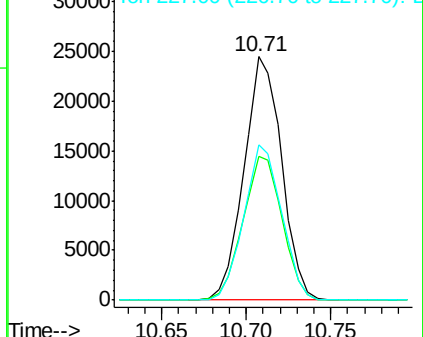
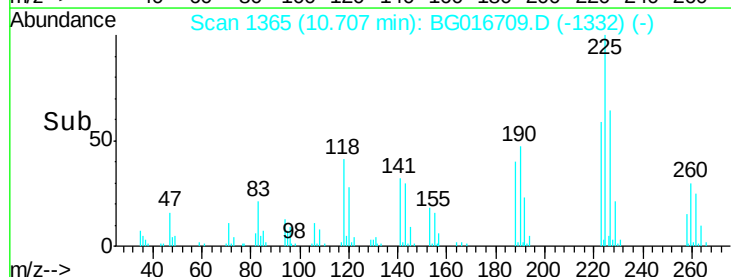


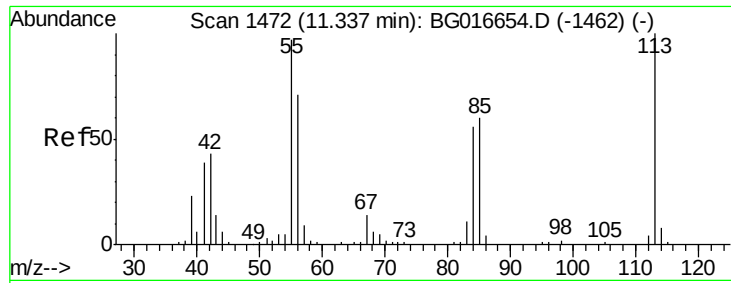
#34
Hexachlorobutadiene
Concen: 38.00 ng
RT: 10.71 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

Tgt Ion:	225	Resp:	37862
Ion	Ratio	Lower	Upper
225	100		
223	59.1	52.6	79.0
227	63.7	52.0	78.0



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





#35

Caprolactam

Concen: 28.27 ng

RT: 11.31 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

Instrument :

BNA_G

ClientSampleId :

PB83003BSD

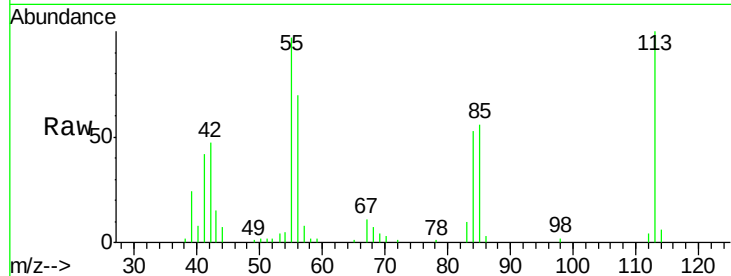
Tgt Ion:113 Resp: 32079

Ion Ratio Lower Upper

113 100

55 97.4 77.1 117.1

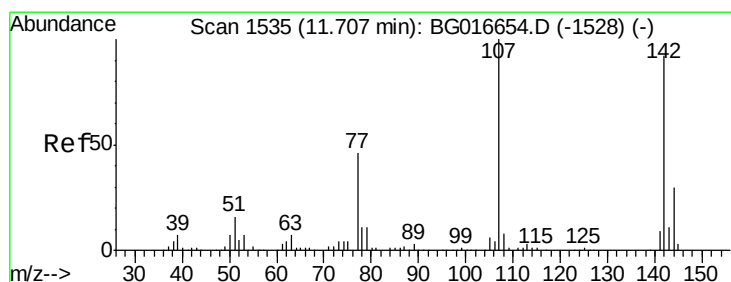
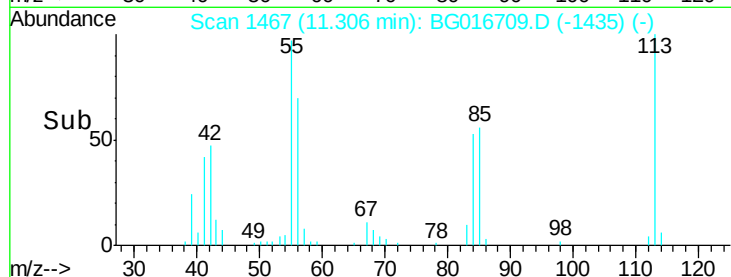
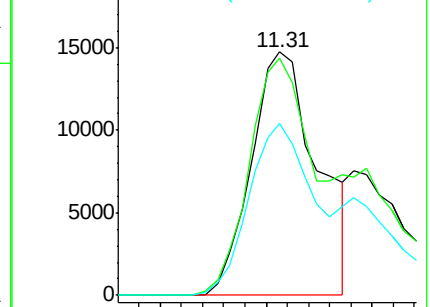
56 70.4 51.4 91.4



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: 42.31 ng

RT: 11.70 min Scan# 1534

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

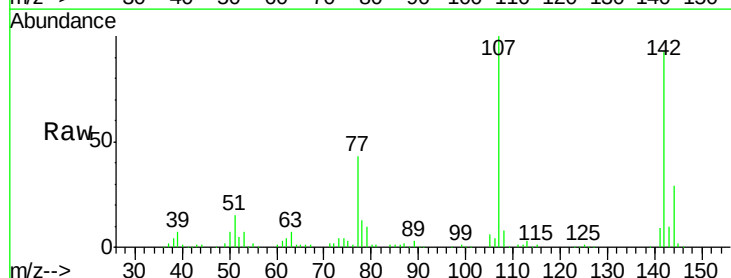
Tgt Ion:107 Resp: 103529

Ion Ratio Lower Upper

107 100

144 29.5 24.2 36.4

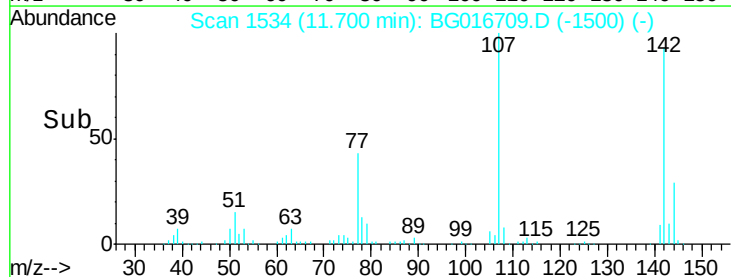
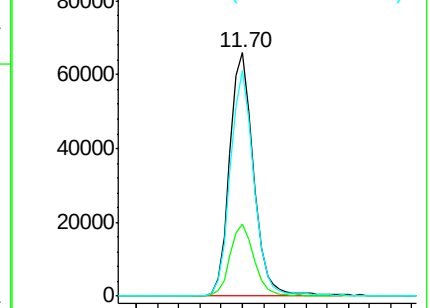
142 92.8 73.8 110.6

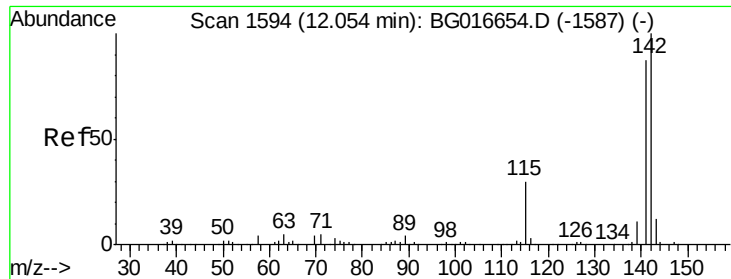


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

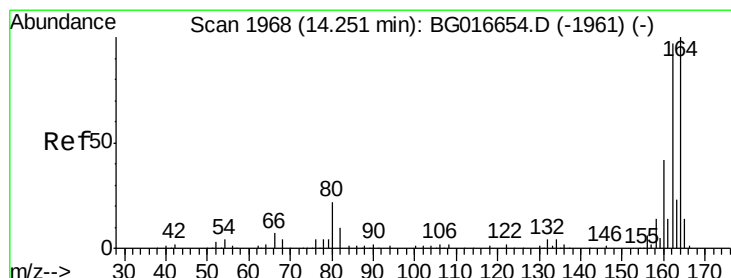
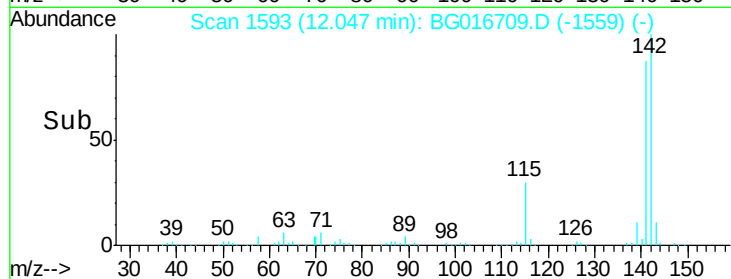
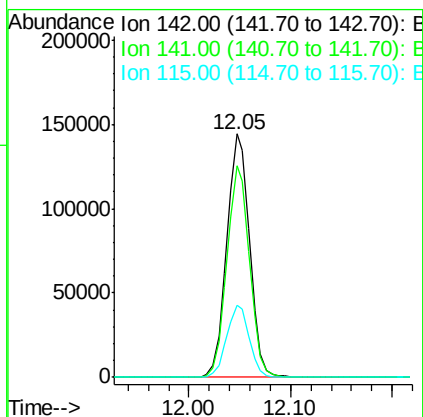
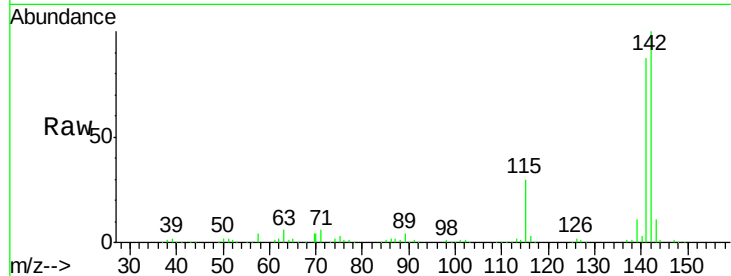




#37
2-Methylnaphthalene
Concen: 38.41 ng
RT: 12.05 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

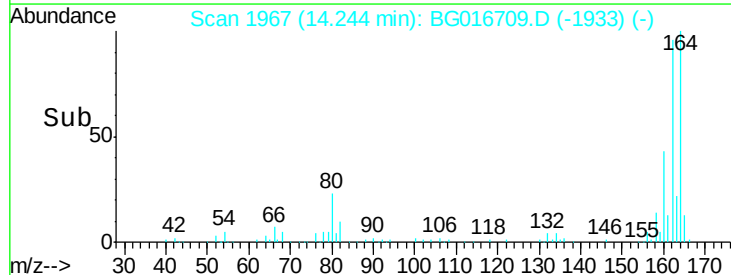
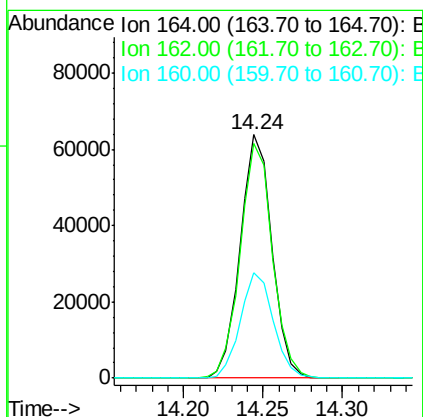
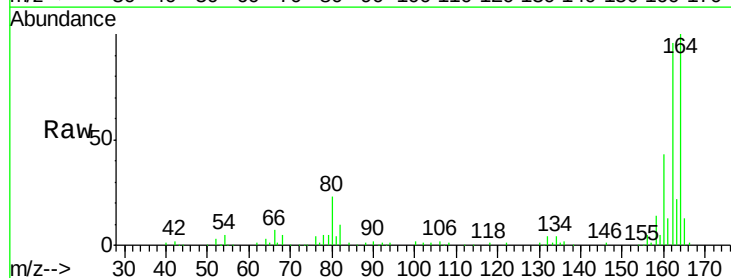
Instrument :
BNA_G
ClientSampleId :
PB83003BSD

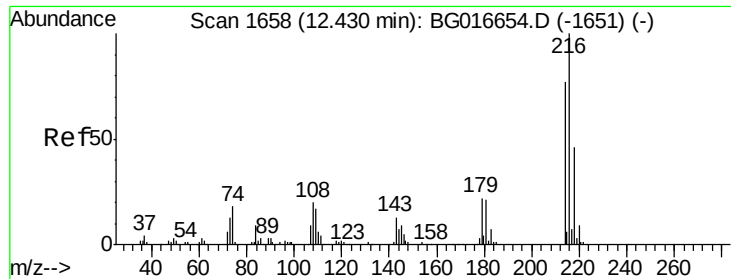
Tgt Ion:142 Resp: 224903
Ion Ratio Lower Upper
142 100
141 86.7 69.9 104.9
115 29.6 24.0 36.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.24 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

Tgt Ion:164 Resp: 88054
Ion Ratio Lower Upper
164 100
162 96.2 77.3 115.9
160 43.2 33.7 50.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.32 ng

RT: 12.42 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

Instrument :

BNA_G

ClientSampleId :

PB83003BSD

Tgt Ion:216 Resp: 80376

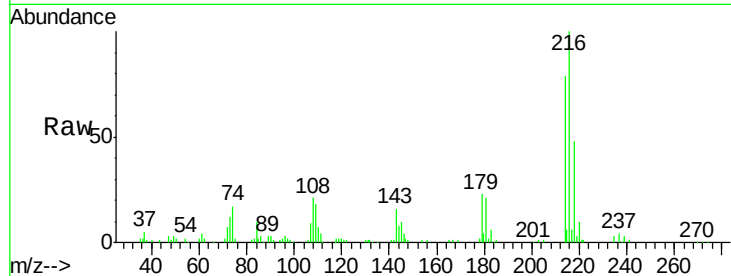
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.8

179 23.0 17.6 26.4

108 23.7 18.1 27.1

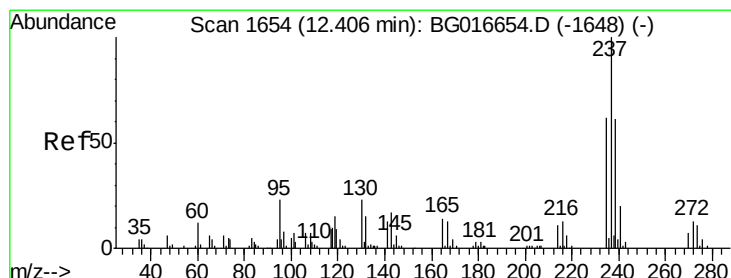
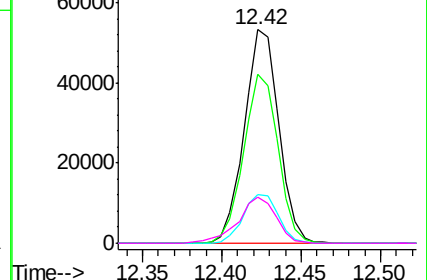
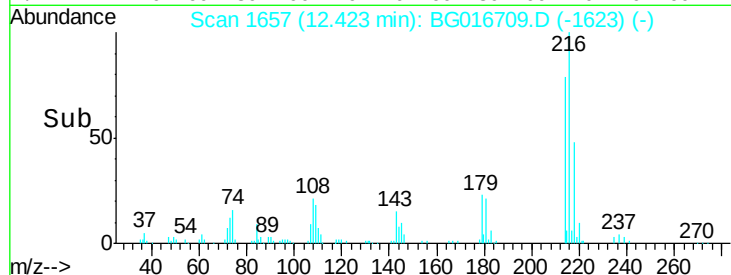


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 68.69 ng

RT: 12.40 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

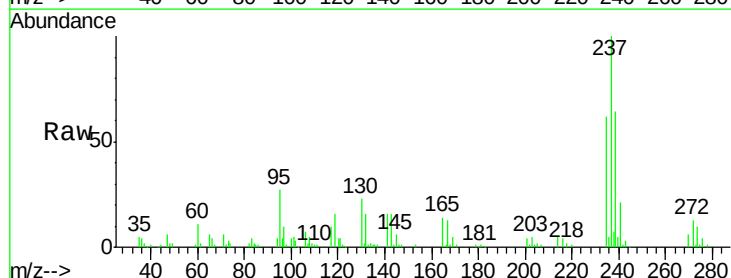
Tgt Ion:237 Resp: 54928

Ion Ratio Lower Upper

237 100

235 62.2 42.2 82.2

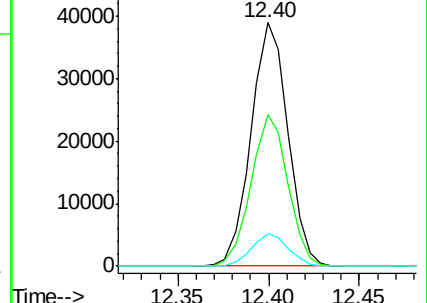
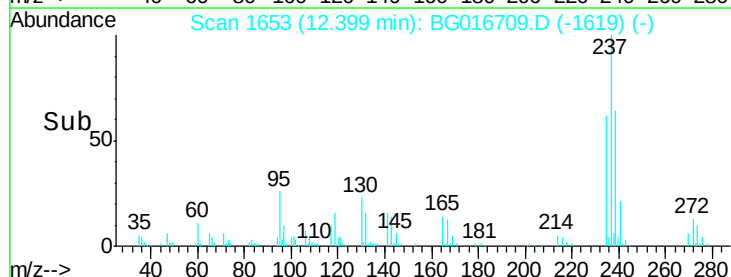
272 13.4 0.0 32.8

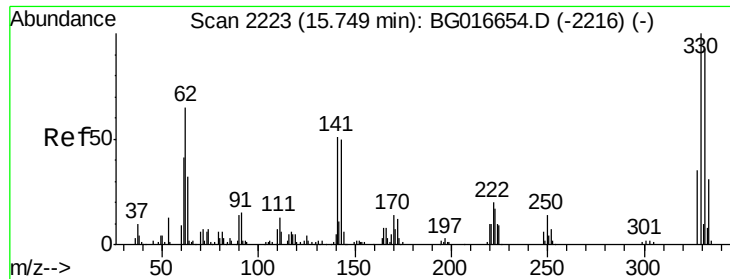


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

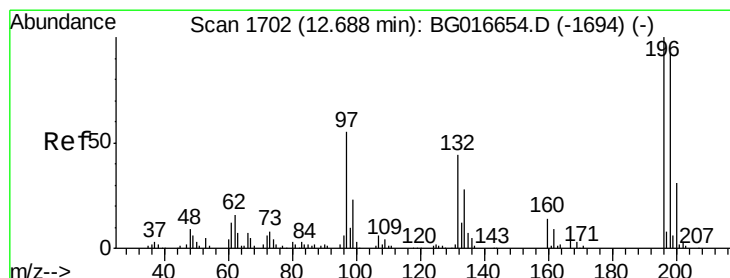
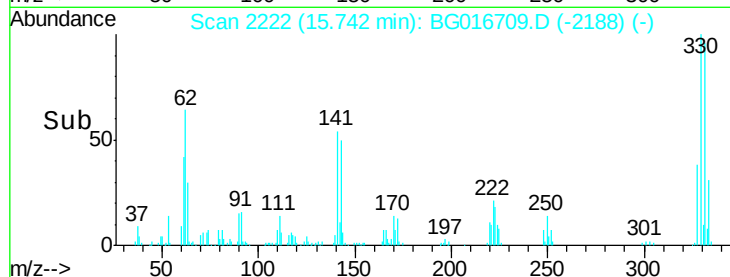
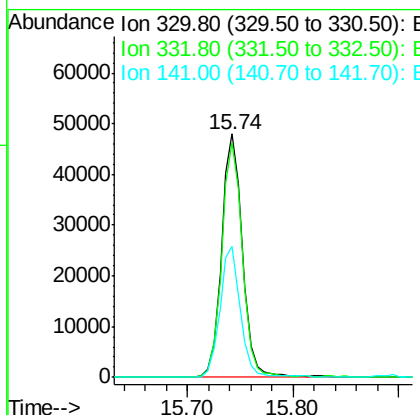
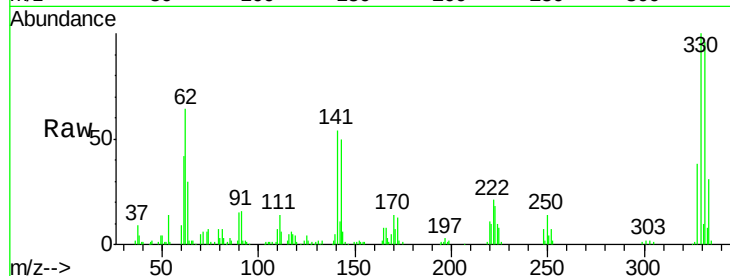




#41
 2,4,6-Tribromophenol
 Concen: 100.69 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

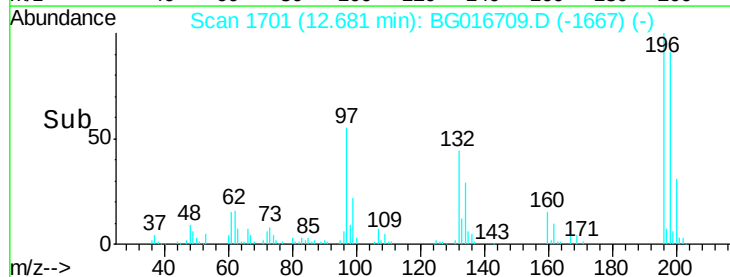
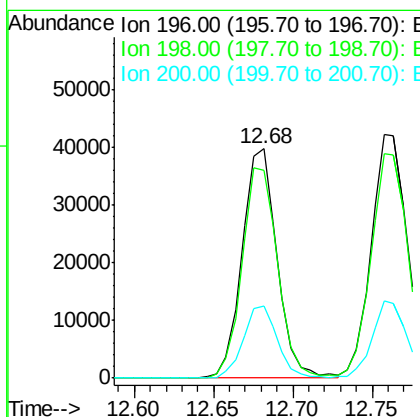
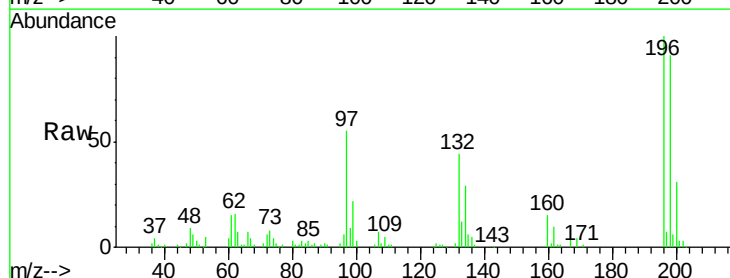
Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

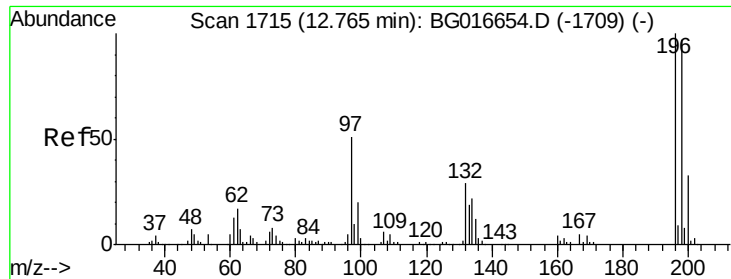
Tgt Ion:330 Resp: 65777
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.2 114.4
 141 52.8 43.0 64.6



#42
 2,4,6-Trichlorophenol
 Concen: 39.63 ng
 RT: 12.68 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

Tgt Ion:196 Resp: 60752
 Ion Ratio Lower Upper
 196 100
 198 90.8 74.6 111.8
 200 31.4 24.6 37.0

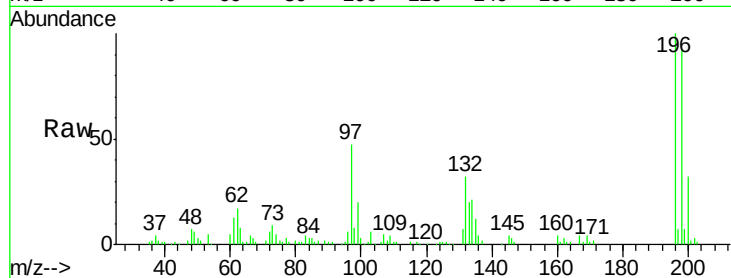




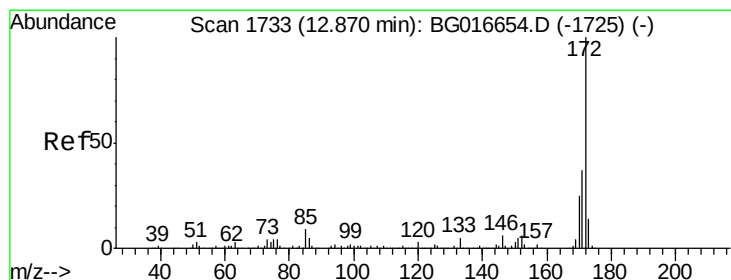
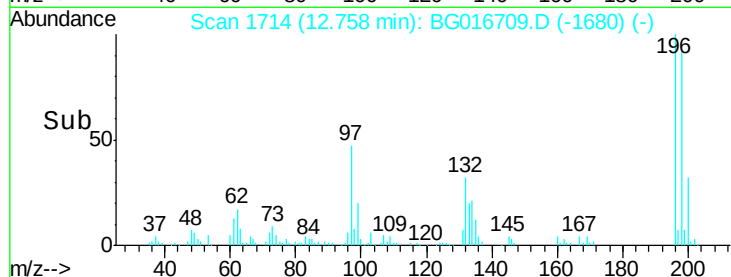
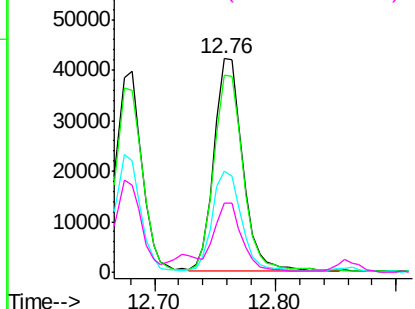
#43
 2,4,5-Trichlorophenol
 Concen: 42.44 ng
 RT: 12.76 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

Tgt Ion:	196	Resp:	68837
Ion	Ratio	Lower	Upper
196	100		
198	92.3	77.4	116.0
97	47.5	40.9	61.3
132	32.2	23.2	34.8

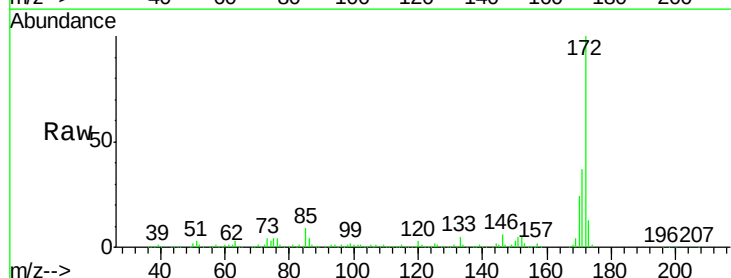


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

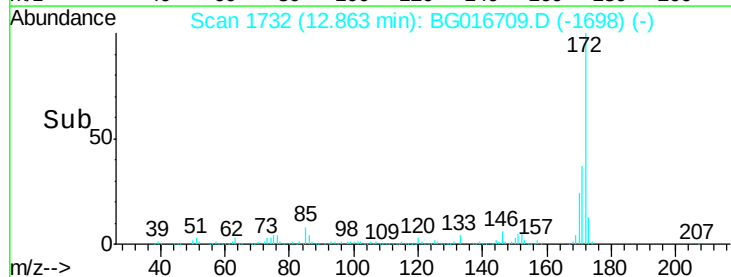
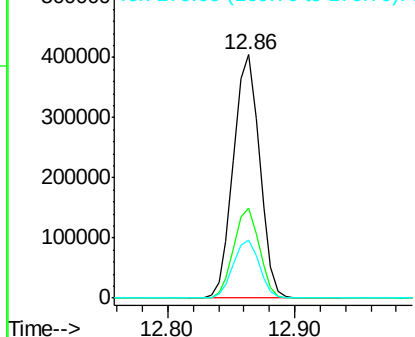


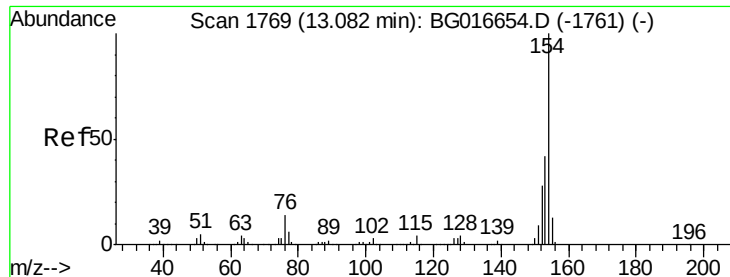
#44
 2-Fluorobiphenyl
 Concen: 105.41 ng
 RT: 12.86 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

Tgt Ion:	172	Resp:	577717
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.9	44.9
170	23.6	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

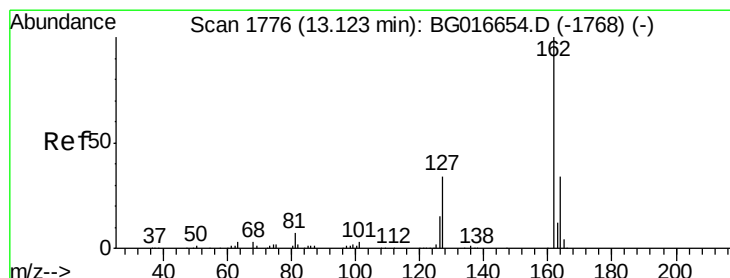
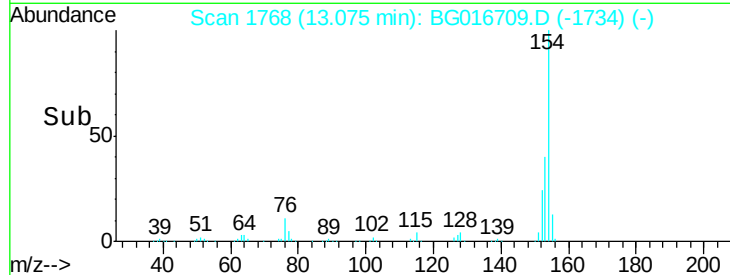
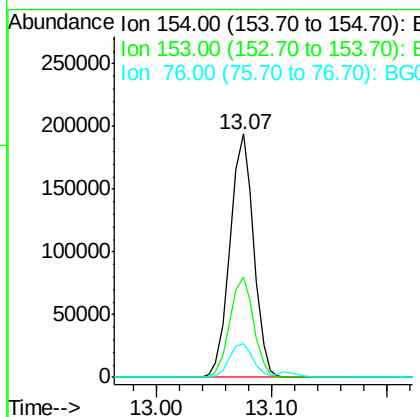
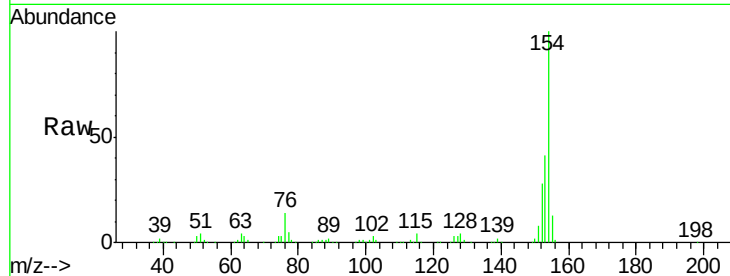




#45
 1,1'-Biphenyl
 Concen: 39.60 ng
 RT: 13.07 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

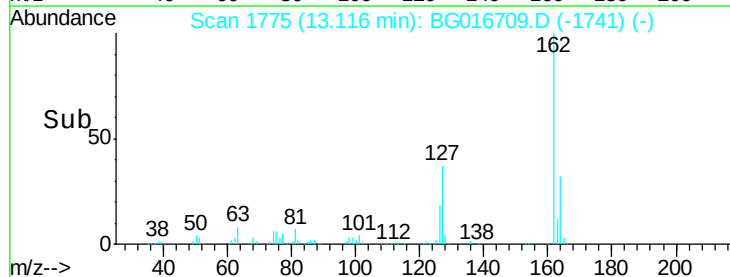
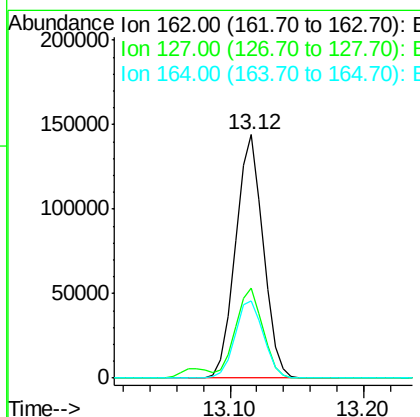
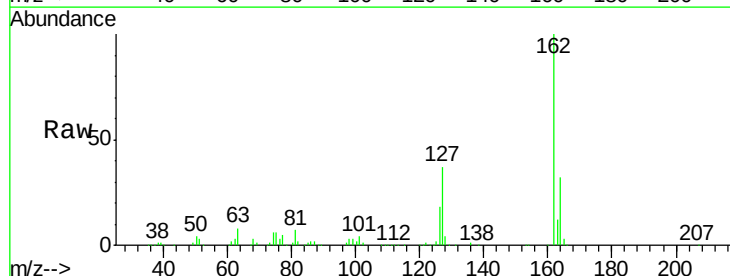
Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

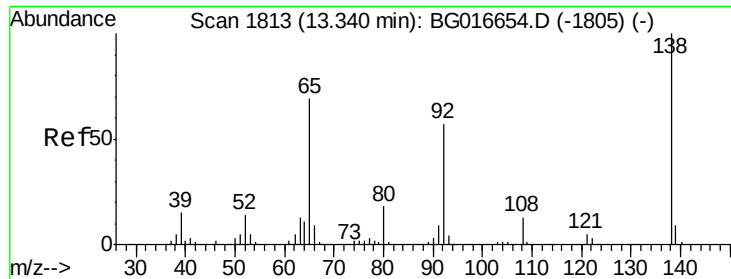
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.8	61.8
76	13.6	0.0	33.7



#46
 2-Chloronaphthalene
 Concen: 38.83 ng
 RT: 13.12 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.9	30.4	45.6
164	31.8	26.9	40.3

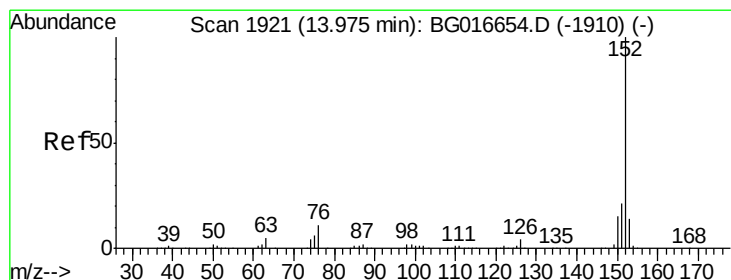
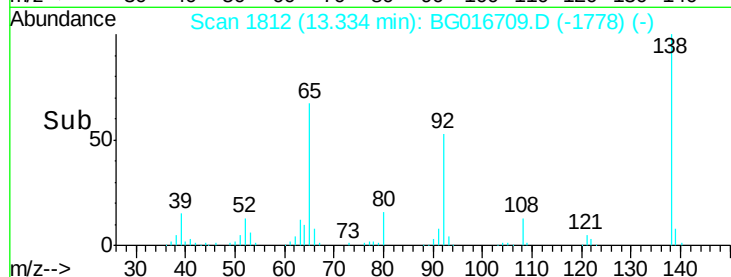
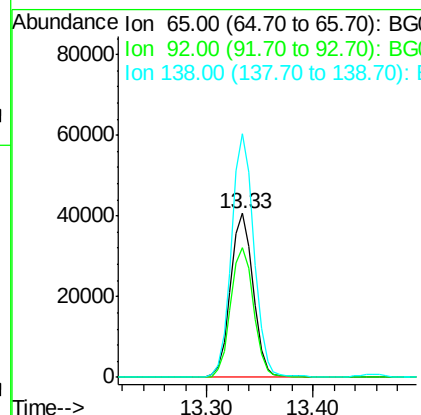
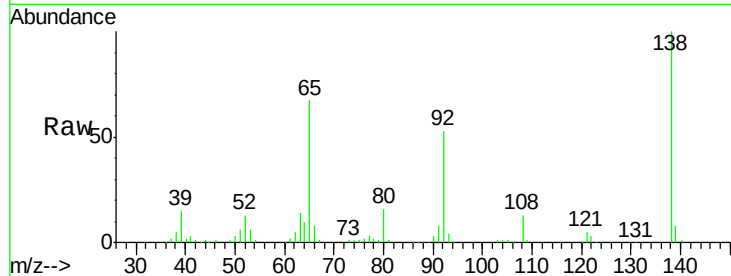




#47
 2-Nitroaniline
 Concen: 41.69 ng
 RT: 13.33 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

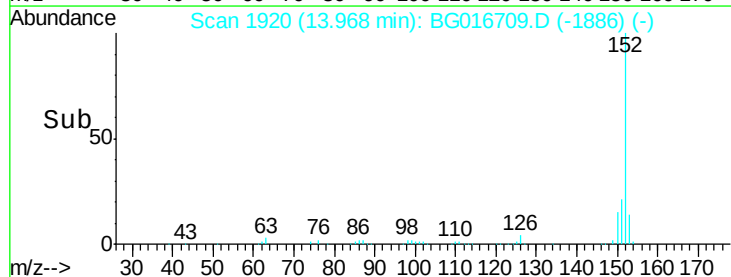
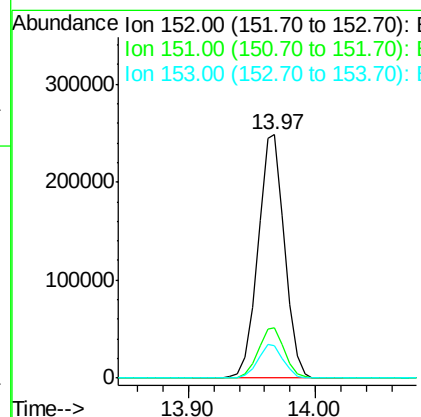
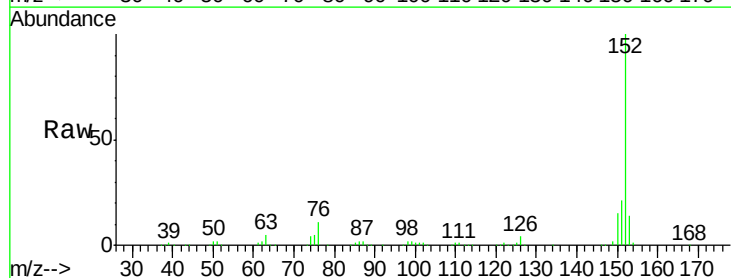
Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

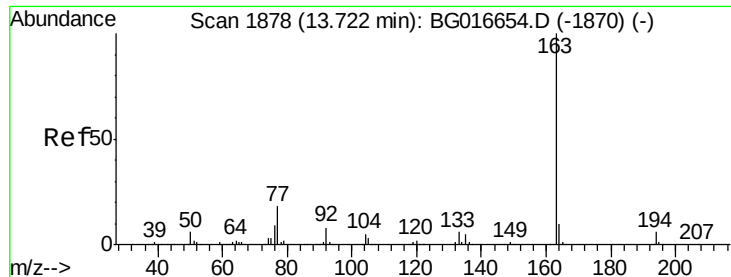
Tgt Ion: 65 Resp: 60452
 Ion Ratio Lower Upper
 65 100
 92 79.3 65.9 98.9
 138 148.6 115.4 173.2



#48
 Acenaphthylene
 Concen: 38.84 ng
 RT: 13.97 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

Tgt Ion: 152 Resp: 361572
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.7 25.1
 153 13.6 11.0 16.6





#49

Dimethylphthalate

Concen: 38.90 ng

RT: 13.71 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

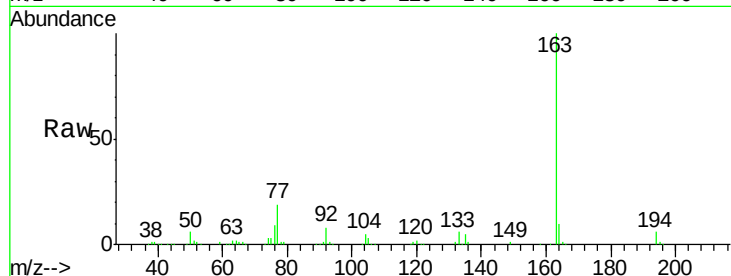
Instrument :

BNA_G

ClientSampleId :

PB83003BSD

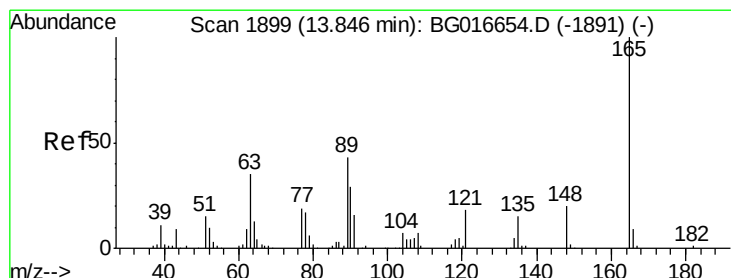
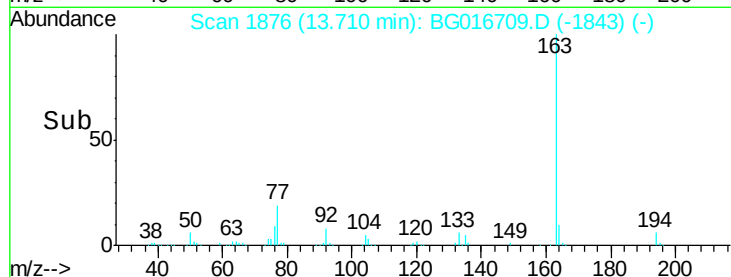
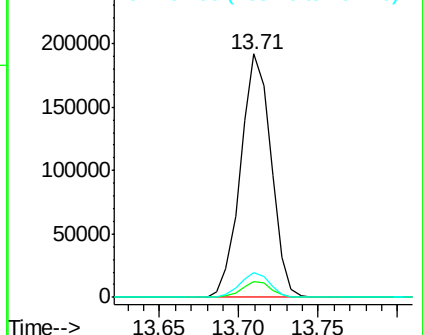
Tgt Ion:	163	Resp:	256235
Ion	Ratio	Lower	Upper
163	100		
194	6.3	5.0	7.4
164	10.2	7.8	11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.20 ng

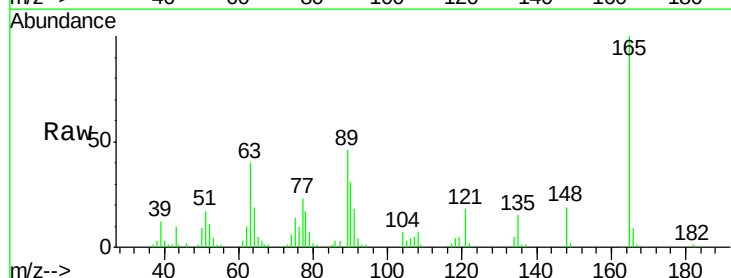
RT: 13.83 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

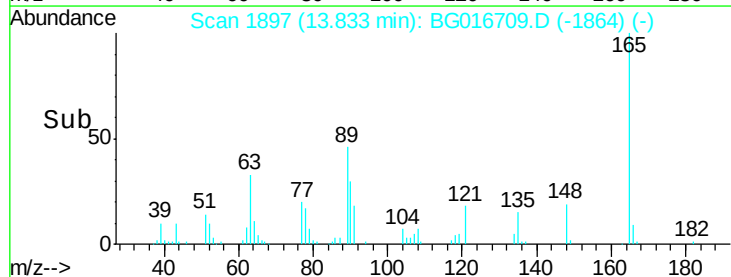
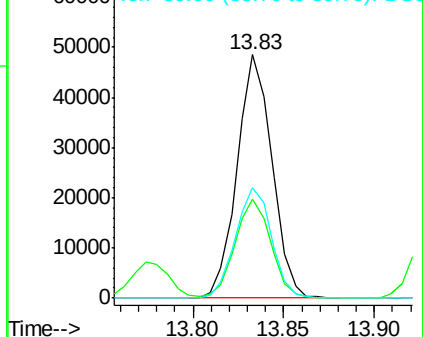
Tgt Ion:	165	Resp:	64977
Ion	Ratio	Lower	Upper
165	100		
63	40.5	31.5	47.3
89	45.6	34.7	52.1

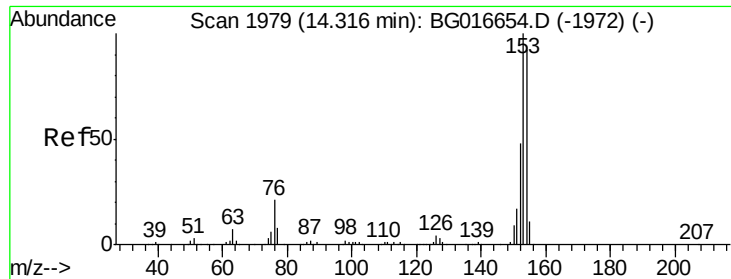


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 38.70 ng

RT: 14.31 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

Instrument :

BNA_G

ClientSampleId :

PB83003BSD

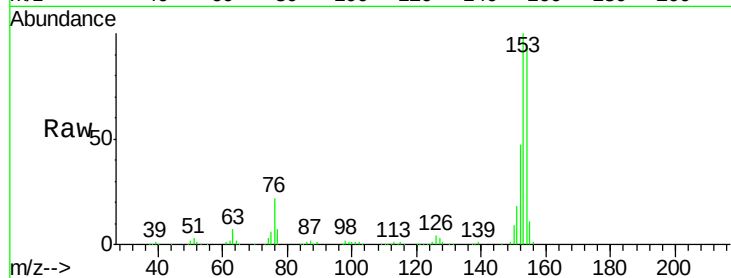
Tgt Ion:154 Resp: 216251

Ion Ratio Lower Upper

154 100

153 107.5 87.0 130.6

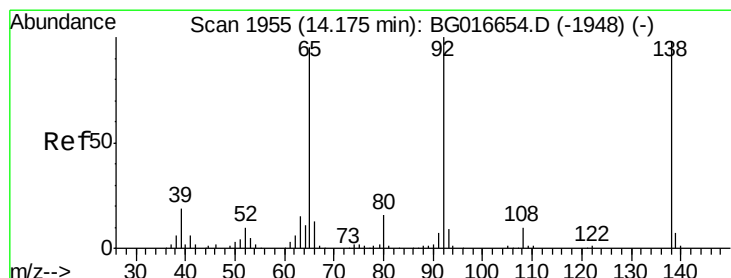
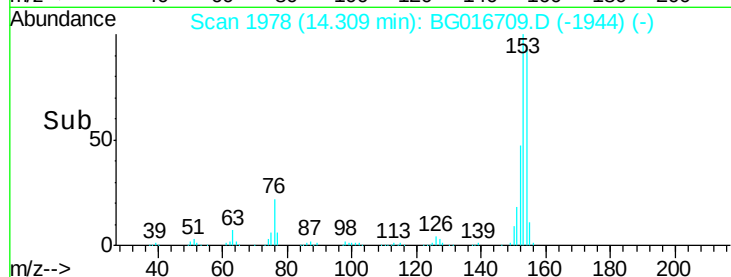
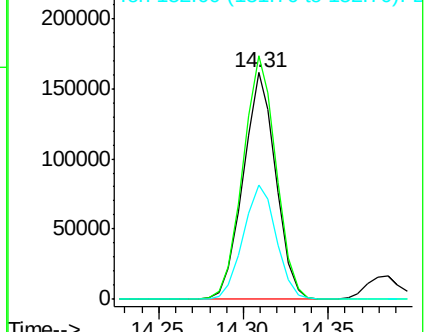
152 50.7 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.19 ng

RT: 14.17 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

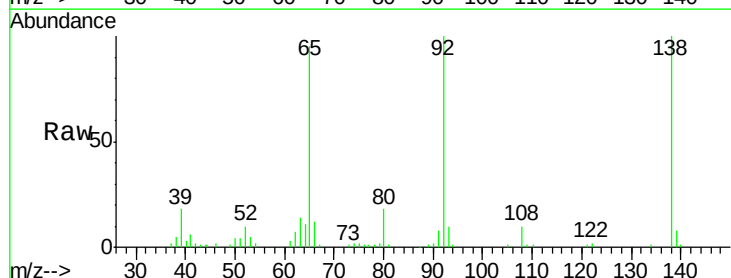
Tgt Ion:138 Resp: 53118

Ion Ratio Lower Upper

138 100

108 9.8 7.8 11.6

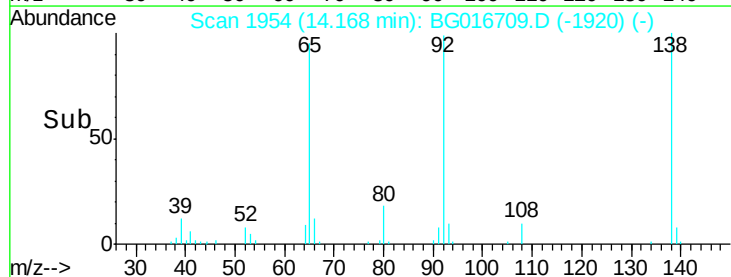
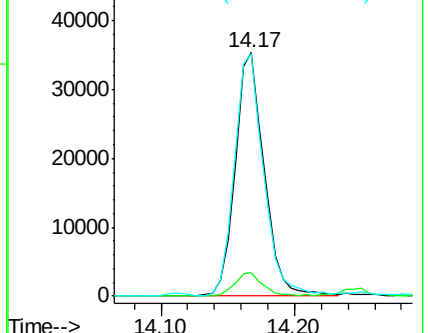
92 99.7 81.9 122.9

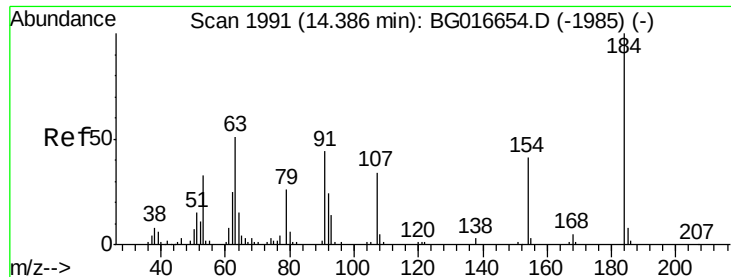


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

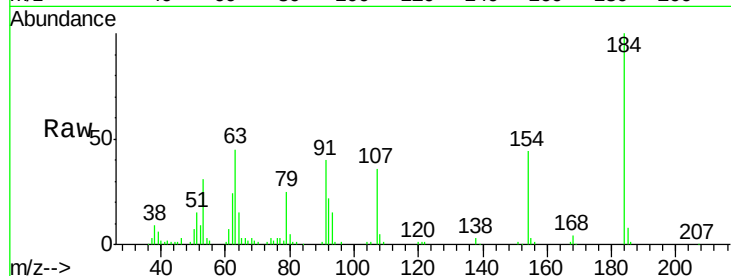




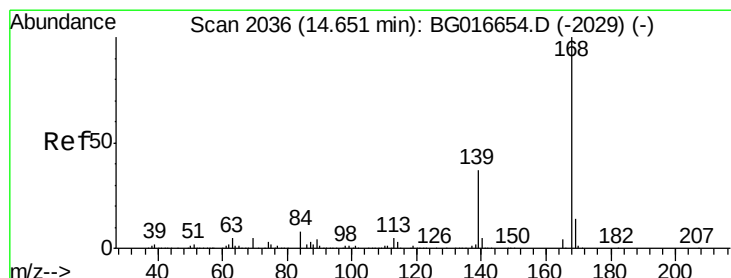
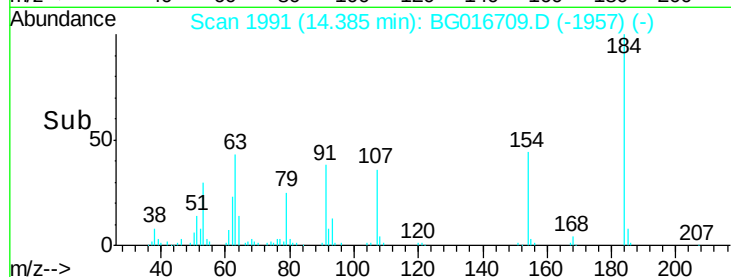
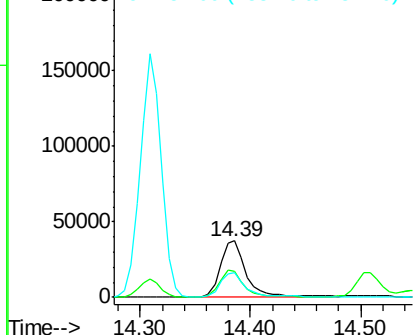
#53
2,4-Dinitrophenol
Concen: 70.87 ng
RT: 14.39 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

Instrument :
BNA_G
ClientSampleId :
PB83003BSD

Tgt Ion:184 Resp: 61439
Ion Ratio Lower Upper
184 100
63 45.0 40.7 61.1
154 43.8 34.1 51.1

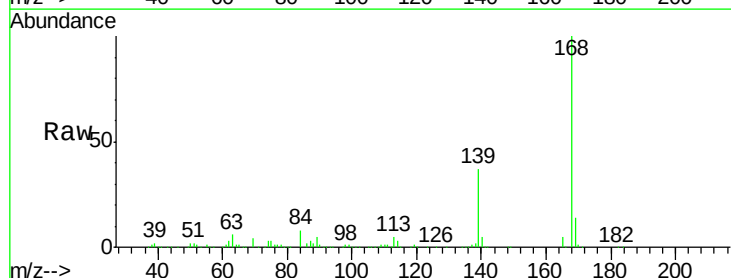


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 154.00 (153.70 to 154.70): E

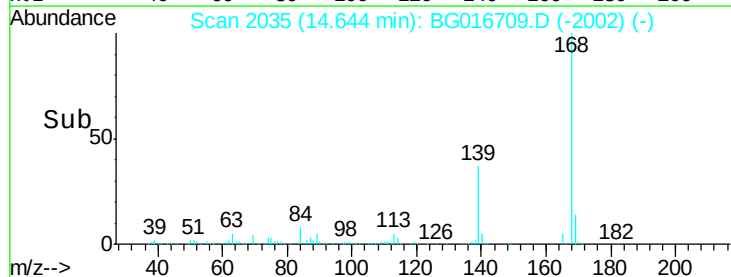
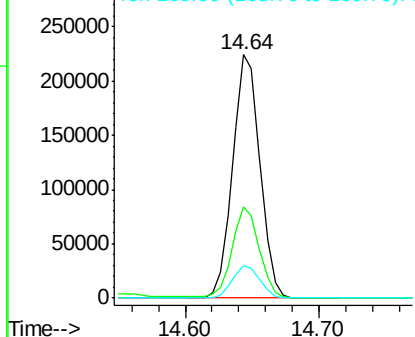


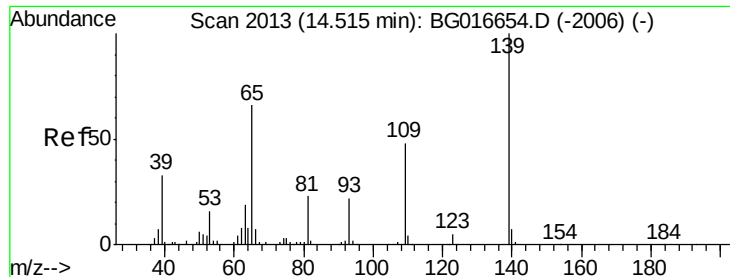
#54
Dibenzofuran
Concen: 40.51 ng
RT: 14.64 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

Tgt Ion:168 Resp: 319313
Ion Ratio Lower Upper
168 100
139 37.3 29.8 44.8
169 13.5 11.0 16.4



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

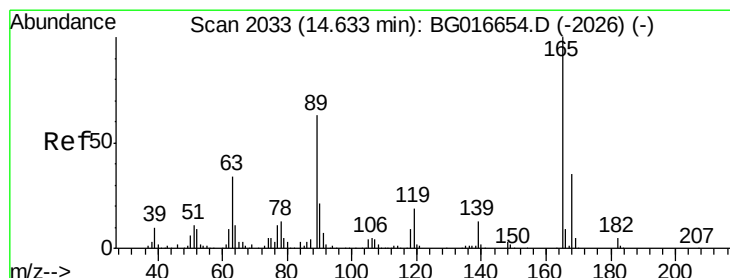
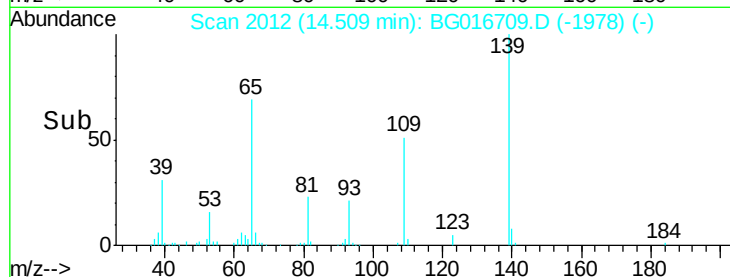
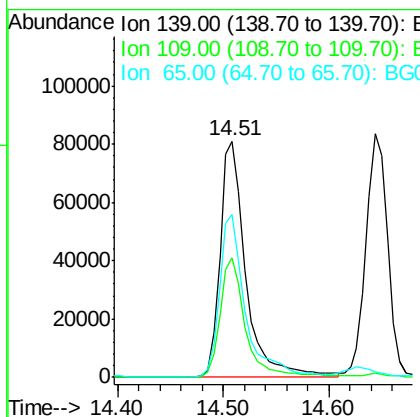
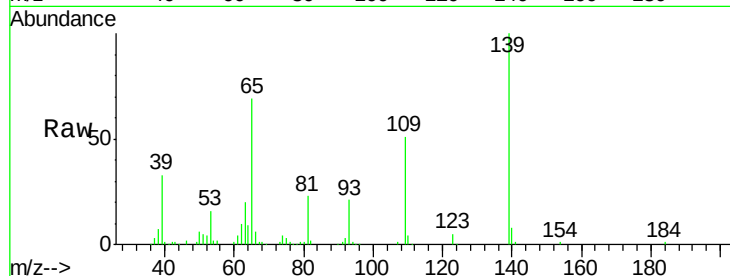




#55
4-Nitrophenol
Concen: 94.00 ng
RT: 14.51 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

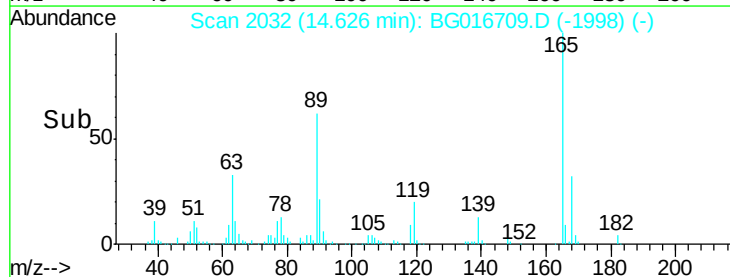
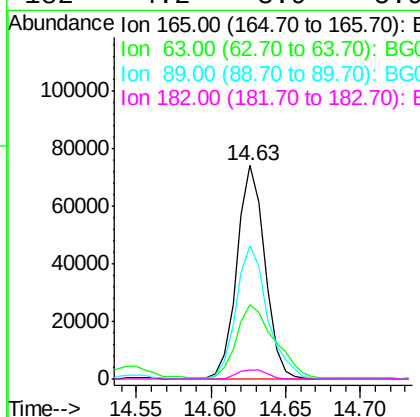
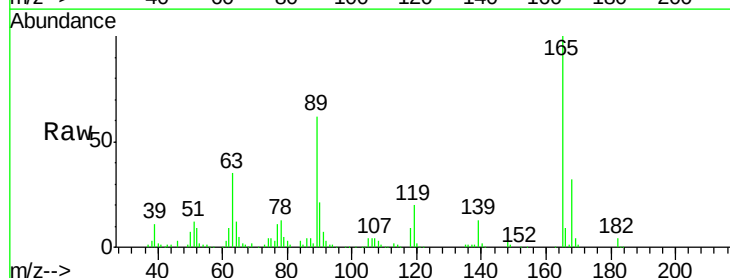
Instrument :
BNA_G
ClientSampleId :
PB83003BSD

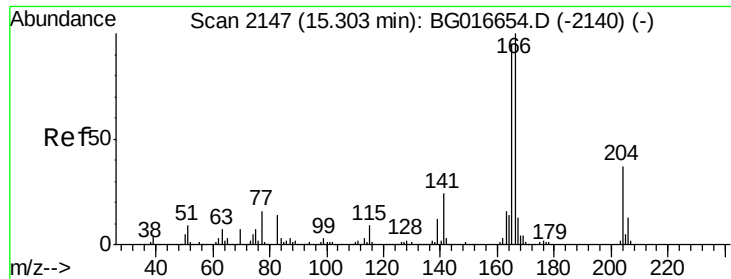
Tgt Ion:139 Resp: 137602
Ion Ratio Lower Upper
139 100
109 50.9 27.8 67.8
65 68.9 46.3 86.3



#56
2,4-Dinitrotoluene
Concen: 43.70 ng
RT: 14.63 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

Tgt Ion:165 Resp: 96750
Ion Ratio Lower Upper
165 100
63 34.6 27.4 41.0
89 62.1 50.6 75.8
182 4.2 3.9 5.9

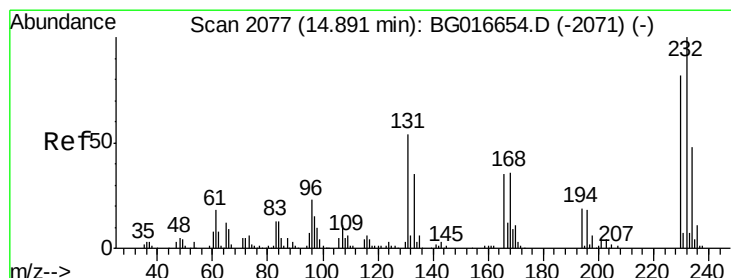
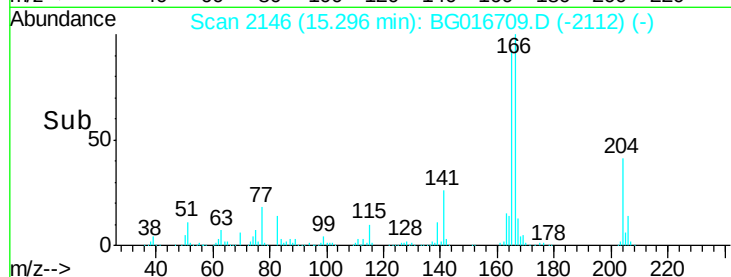
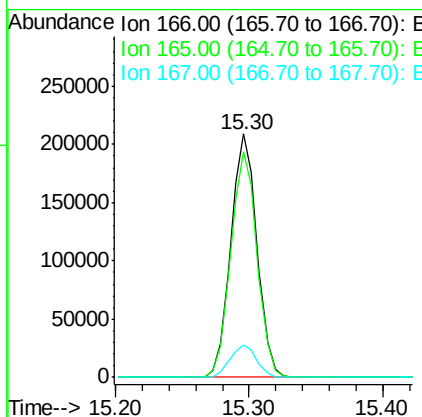
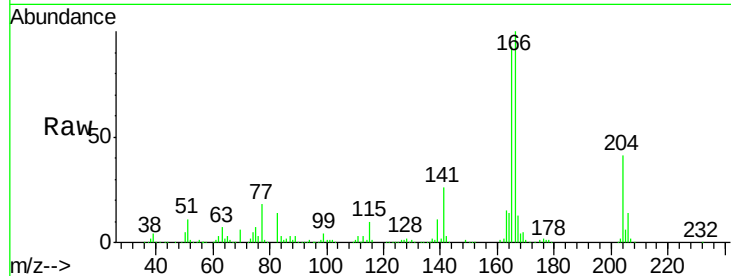




#57
Fluorene
 Concen: 41.29 ng
 RT: 15.30 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

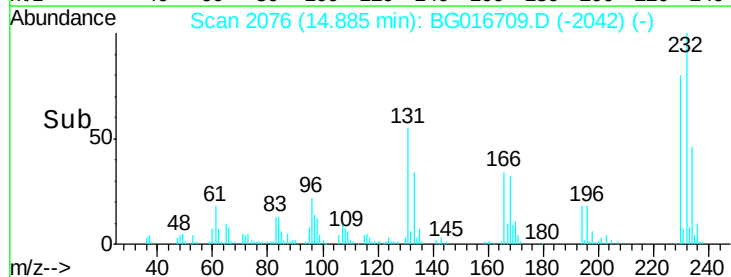
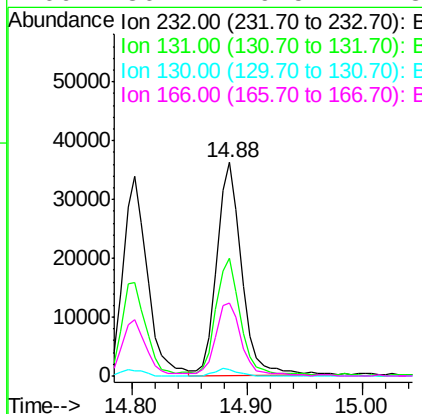
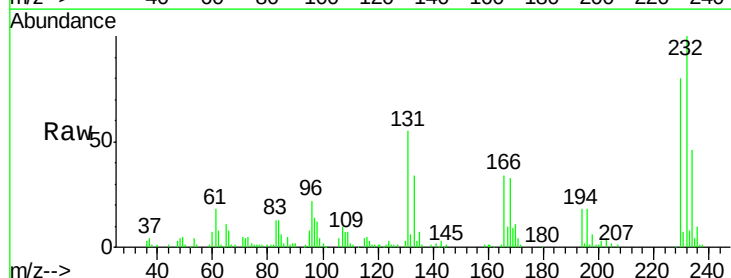
Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

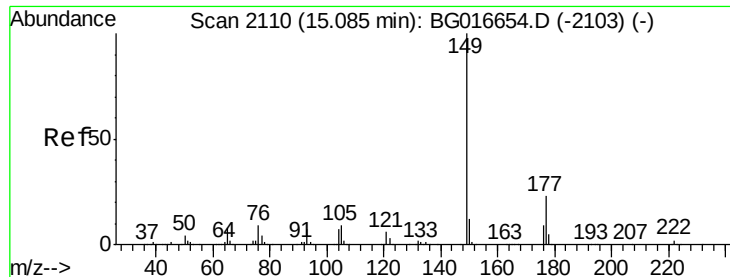
Tgt Ion:166 Resp: 284468
 Ion Ratio Lower Upper
 166 100
 165 92.6 75.6 113.4
 167 13.3 10.7 16.1



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.91 ng
 RT: 14.88 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

Tgt Ion:232 Resp: 53891
 Ion Ratio Lower Upper
 232 100
 131 56.5 43.9 65.9
 130 3.2 2.4 3.6
 166 36.2 29.5 44.3

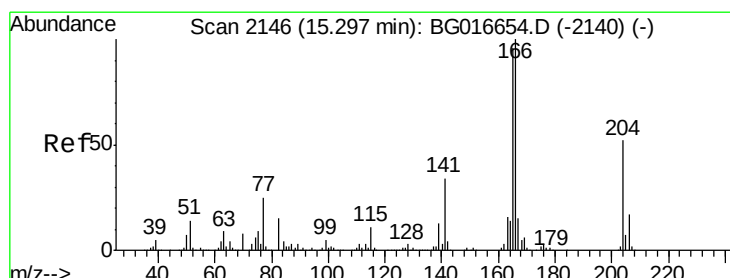
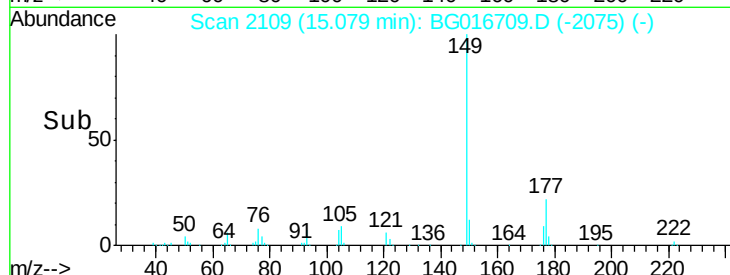
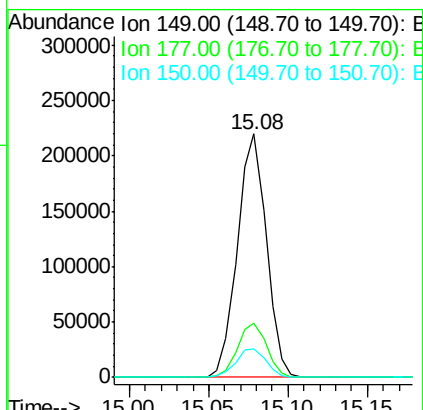
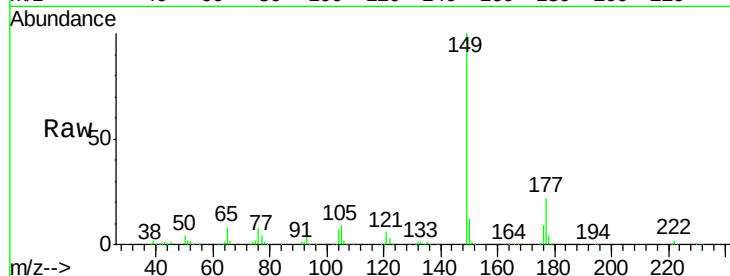




#59
Diethylphthalate
Concen: 40.54 ng
RT: 15.08 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

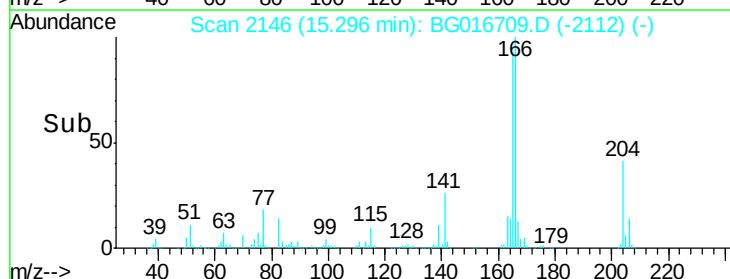
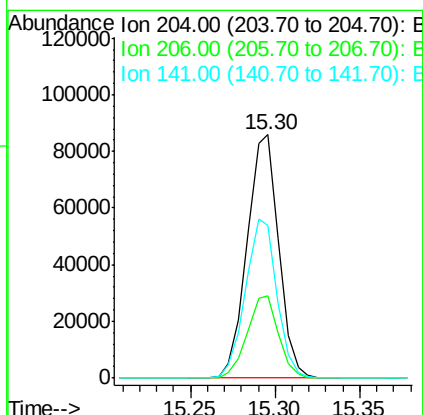
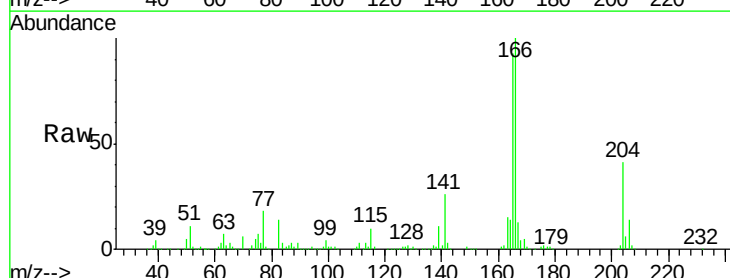
Instrument :
BNA_G
ClientSampleId :
PB83003BSD

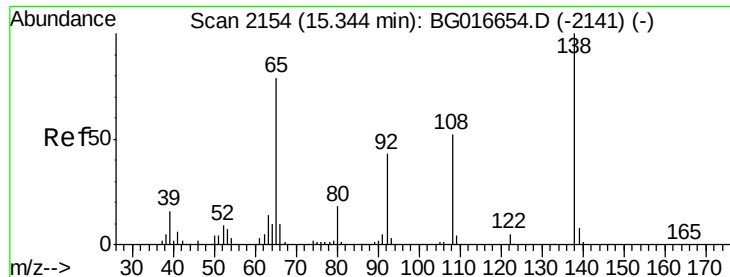
Tgt Ion:149 Resp: 278271
Ion Ratio Lower Upper
149 100
177 22.3 18.2 27.2
150 11.6 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 38.85 ng
RT: 15.30 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

Tgt Ion:204 Resp: 111792
Ion Ratio Lower Upper
204 100
206 33.9 26.2 39.4
141 62.8 52.3 78.5

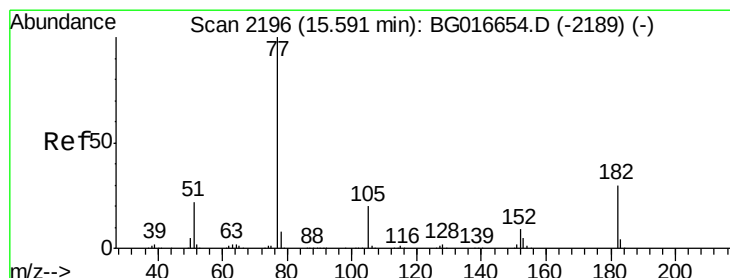
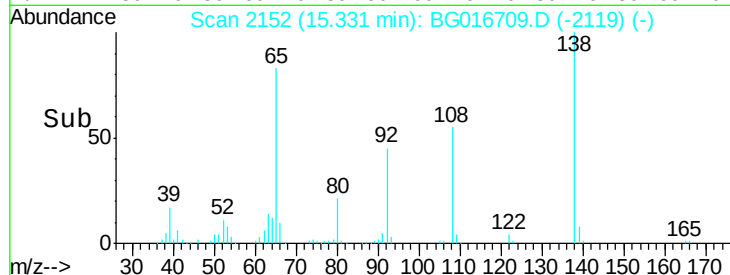
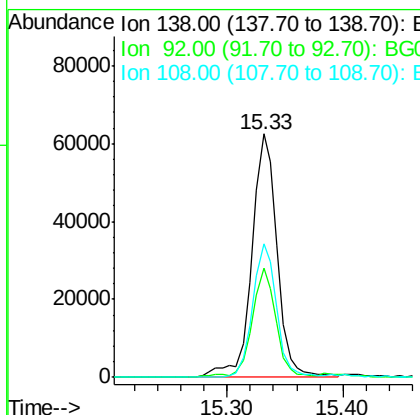
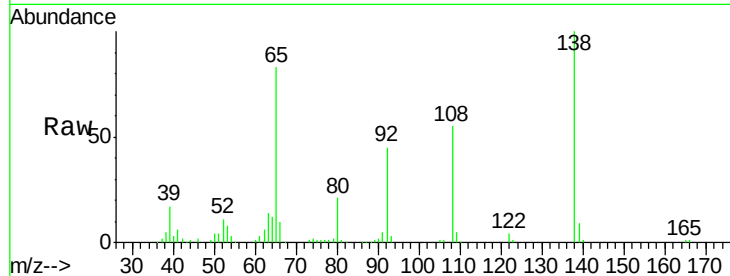




#61
4-Nitroaniline
Concen: 44.24 ng
RT: 15.33 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

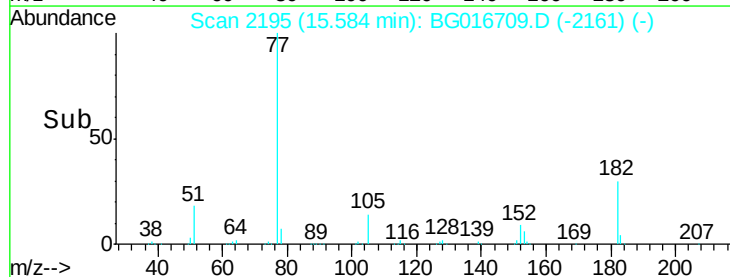
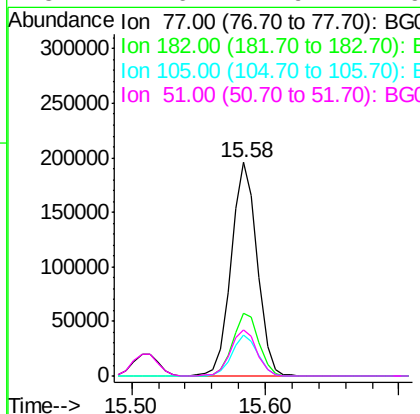
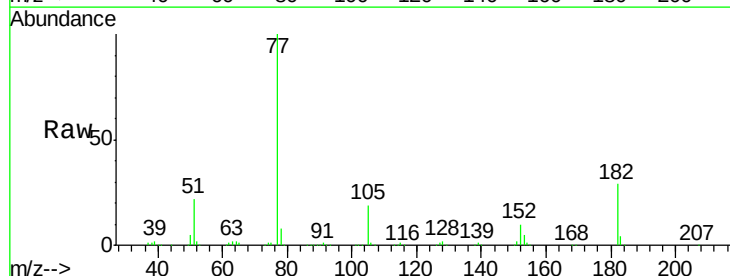
Instrument :
BNA_G
ClientSampleId :
PB83003BSD

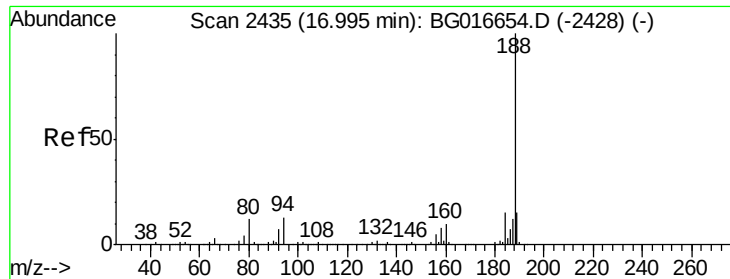
Tgt Ion:138 Resp: 95600
Ion Ratio Lower Upper
138 100
92 44.7 23.1 63.1
108 54.7 31.7 71.7



#62
Azobenzene
Concen: 42.13 ng
RT: 15.58 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

Tgt Ion: 77 Resp: 264114
Ion Ratio Lower Upper
77 100
182 29.5 9.8 49.8
105 18.9 0.0 39.5
51 21.6 1.9 41.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.99 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

Instrument :

BNA_G

ClientSampleId :

PB83003BSD

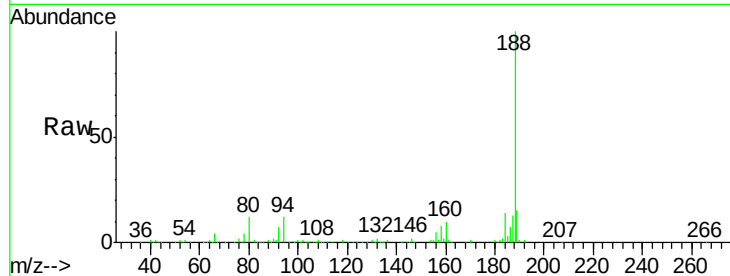
Tgt Ion:188 Resp: 203449

Ion Ratio Lower Upper

188 100

94 11.6 10.7 16.1

80 11.6 9.9 14.9



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

16.99

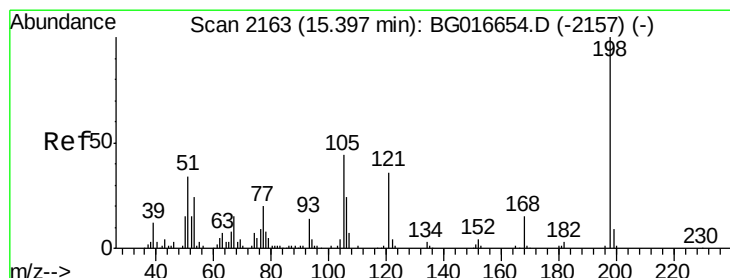
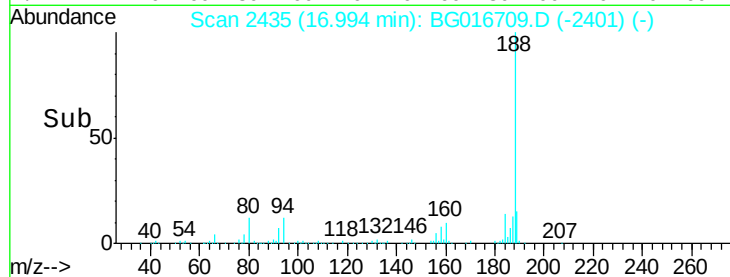
150000

100000

50000

0

Time--> 16.90 17.00



#64

4,6-Dinitro-2-methylphenol

Concen: 37.63 ng

RT: 15.40 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

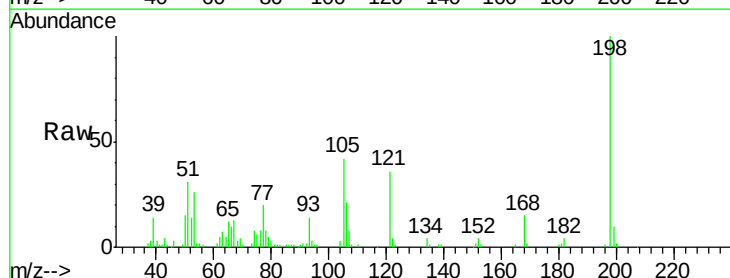
Tgt Ion:198 Resp: 51800

Ion Ratio Lower Upper

198 100

51 31.0 14.9 54.9

105 42.3 24.6 64.6



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

15.40

50000

40000

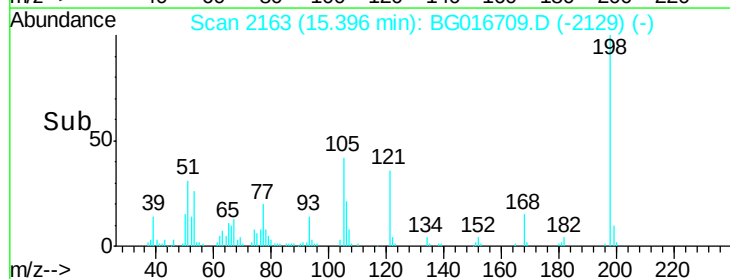
30000

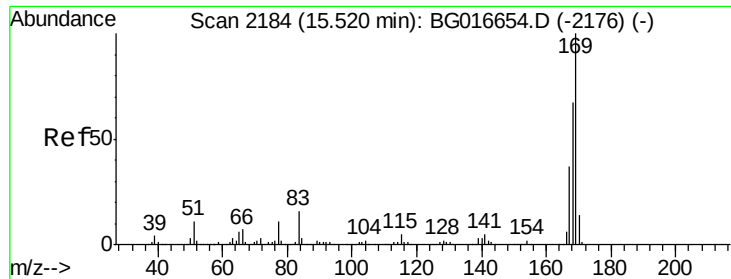
20000

10000

0

Time--> 15.30 15.40 15.50





#65

n-Nitrosodiphenylamine

Concen: 36.87 ng

RT: 15.51 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

Instrument :

BNA_G

ClientSampleId :

PB83003BSD

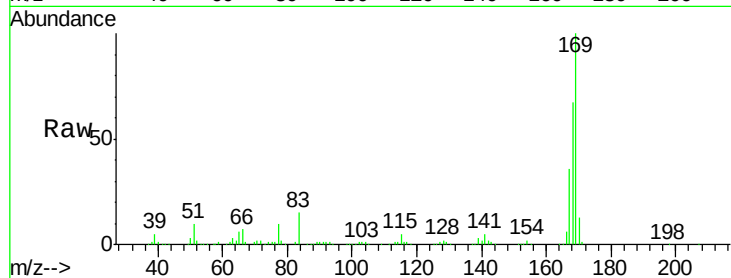
Tgt Ion:169 Resp: 257141

Ion Ratio Lower Upper

169 100

168 66.6 53.6 80.4

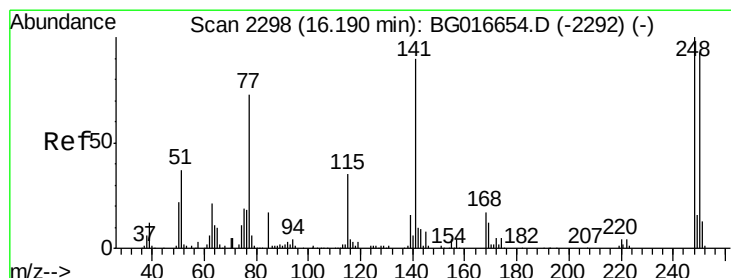
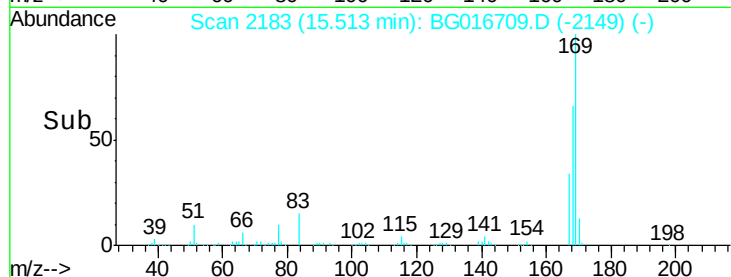
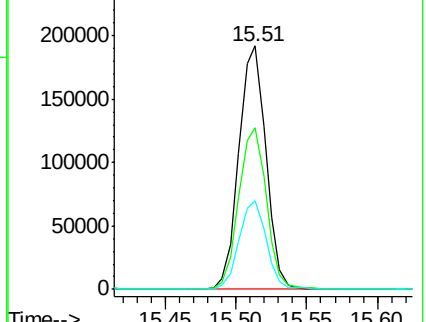
167 36.2 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.37 ng

RT: 16.18 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

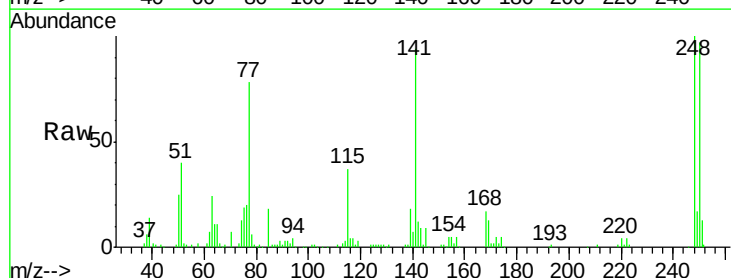
Tgt Ion:248 Resp: 61828

Ion Ratio Lower Upper

248 100

250 97.3 74.8 112.2

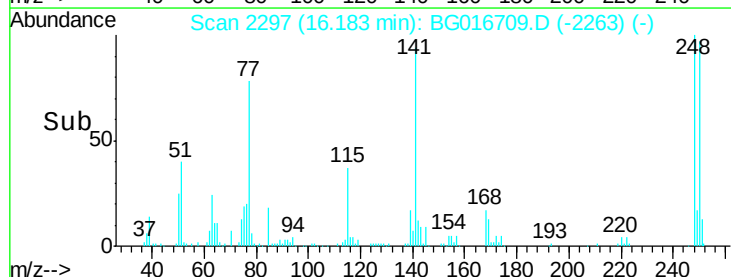
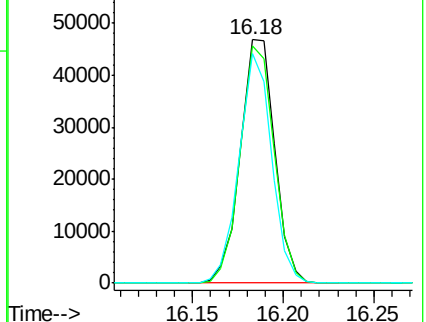
141 94.4 72.0 108.0

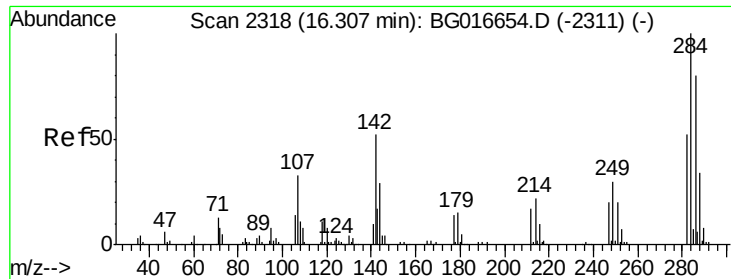


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.66 ng

RT: 16.30 min Scan# 2317

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

Instrument :

BNA_G

ClientSampleId :

PB83003BSD

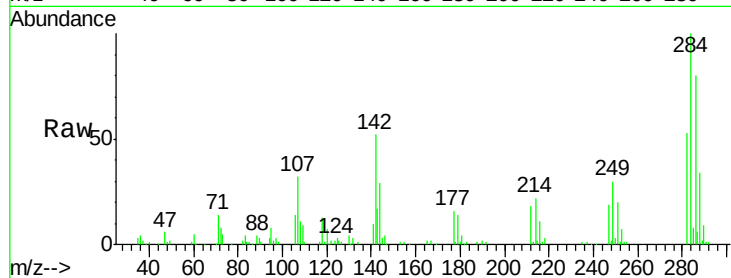
Tgt Ion:284 Resp: 65849

Ion Ratio Lower Upper

284 100

142 51.6 41.5 62.3

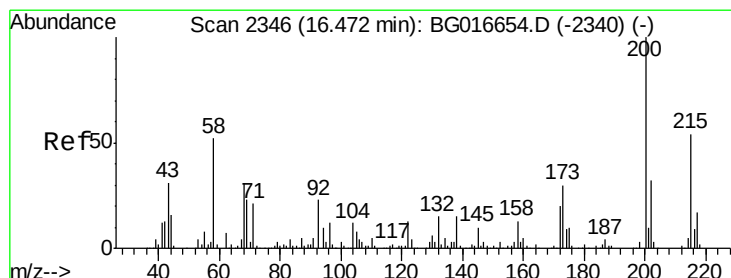
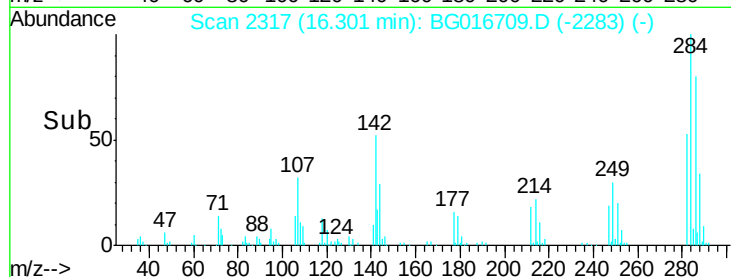
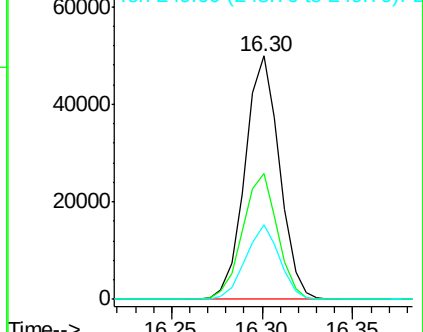
249 30.4 24.2 36.4



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: 47.35 ng

RT: 16.47 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

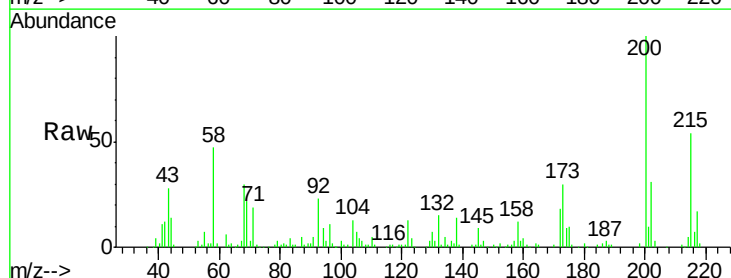
Tgt Ion:200 Resp: 88664

Ion Ratio Lower Upper

200 100

173 29.5 9.8 49.8

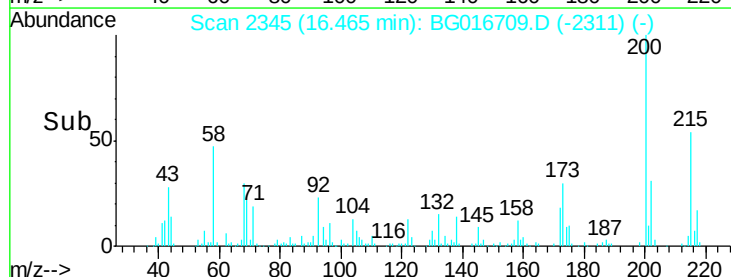
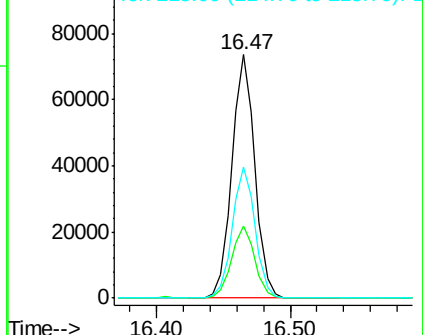
215 53.8 33.7 73.7

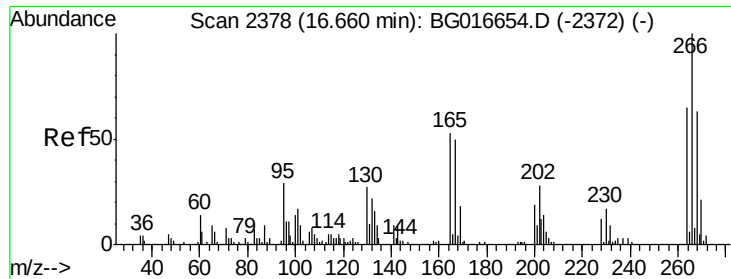


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

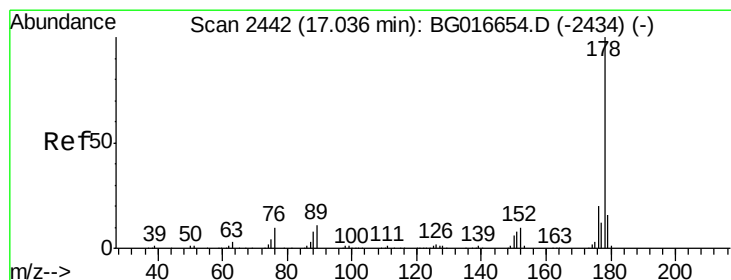
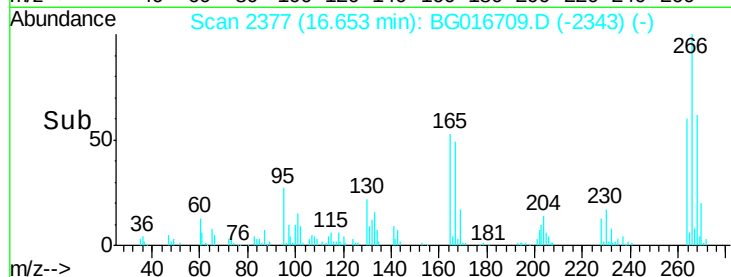
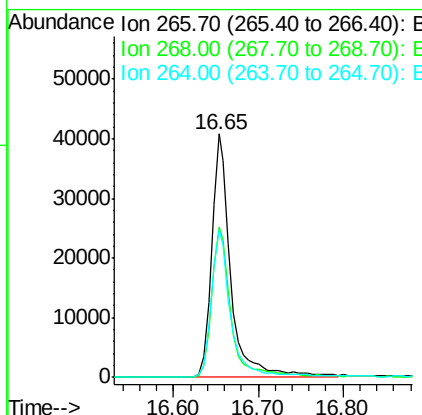
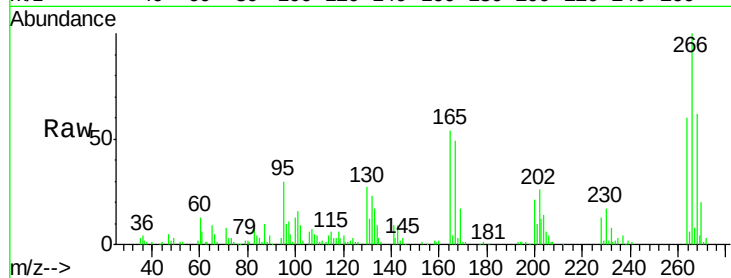




#69
 Pentachlorophenol
 Concen: 77.12 ng
 RT: 16.65 min Scan# 2377
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

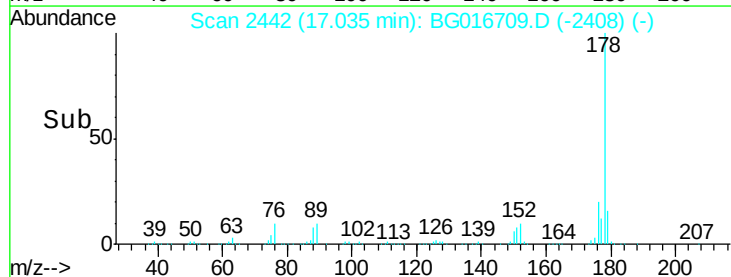
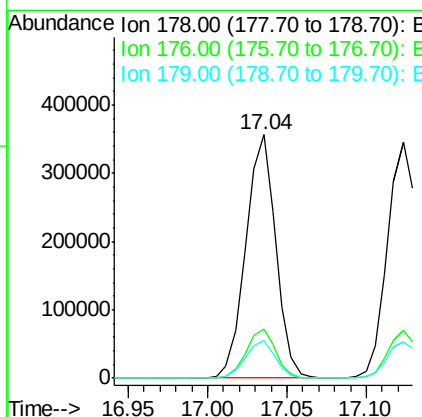
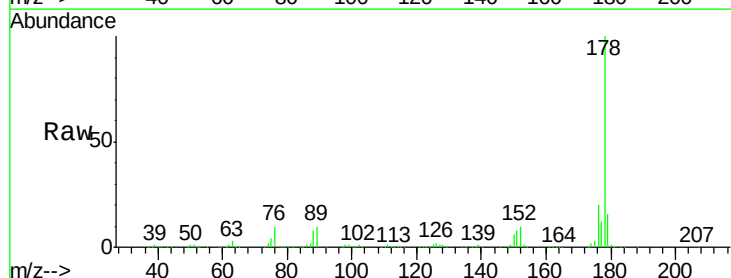
Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

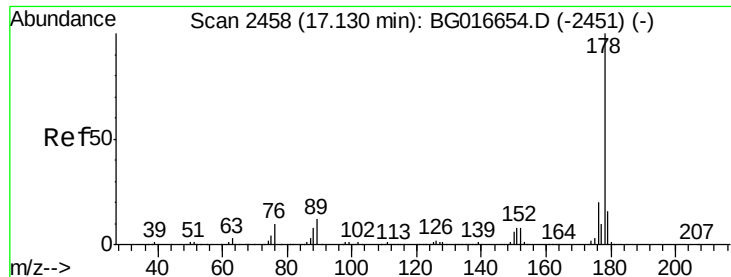
Tgt Ion:266 Resp: 65474
 Ion Ratio Lower Upper
 266 100
 268 61.6 50.6 76.0
 264 60.4 51.8 77.6



#70
 Phenanthrene
 Concen: 39.93 ng
 RT: 17.04 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

Tgt Ion:178 Resp: 466659
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.6
 179 15.5 12.8 19.2

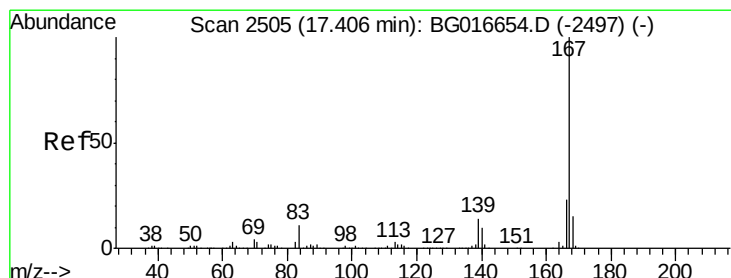
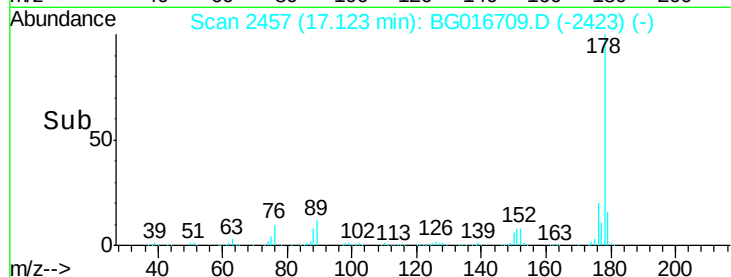
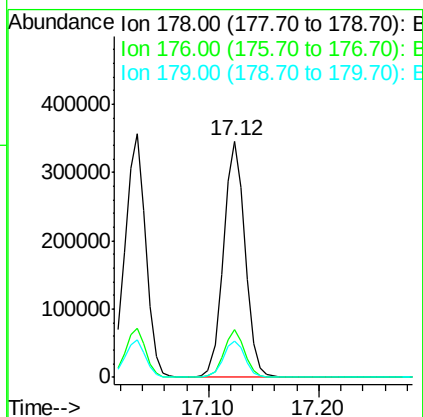
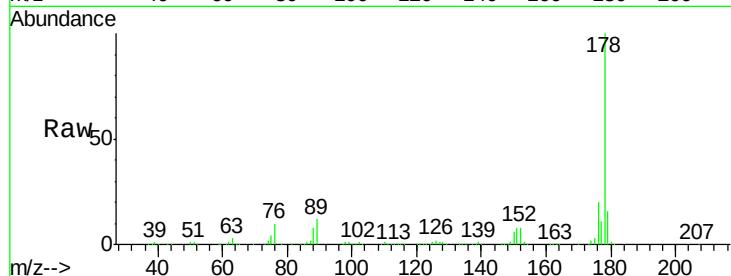




#71
 Anthracene
 Concen: 40.58 ng
 RT: 17.12 min Scan# 2457
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

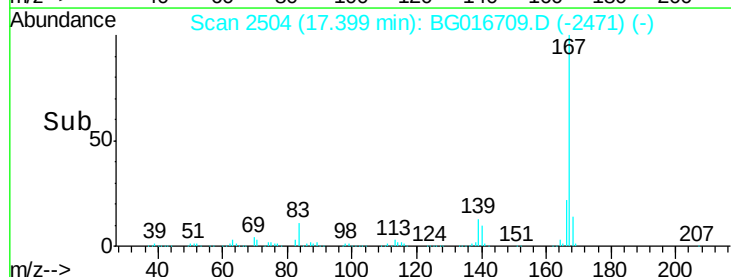
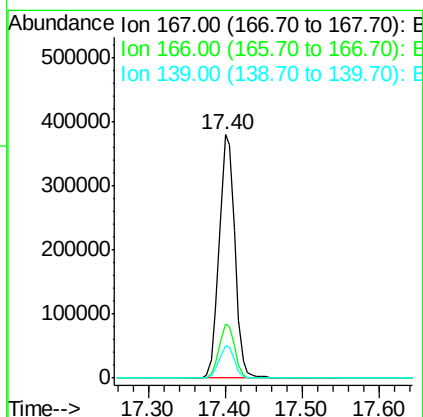
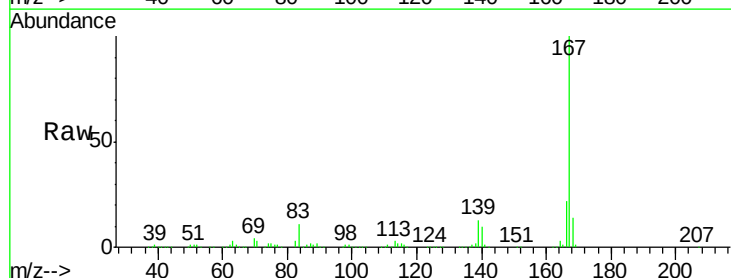
Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

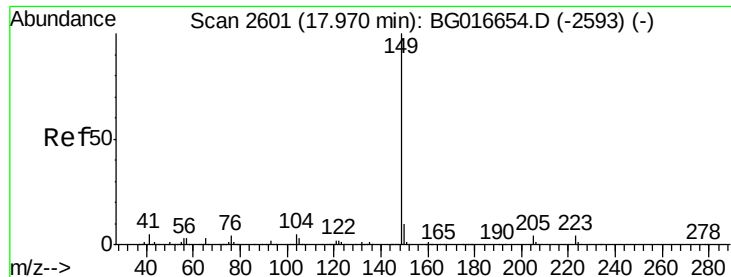
Tgt Ion:178 Resp: 471770
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 15.6 12.9 19.3



#72
 Carbazole
 Concen: 45.68 ng
 RT: 17.40 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

Tgt Ion:167 Resp: 532049
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.4 27.6
 139 13.1 11.1 16.7





#73

Di-n-butylphthalate

Concen: 42.79 ng

RT: 17.96 min Scan# 2600

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

Instrument :

BNA_G

ClientSampleId :

PB83003BSD

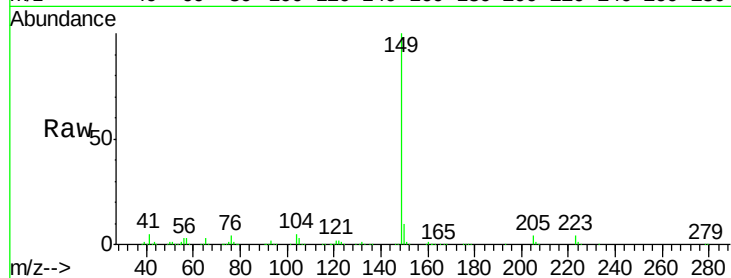
Tgt Ion:149 Resp: 594065

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

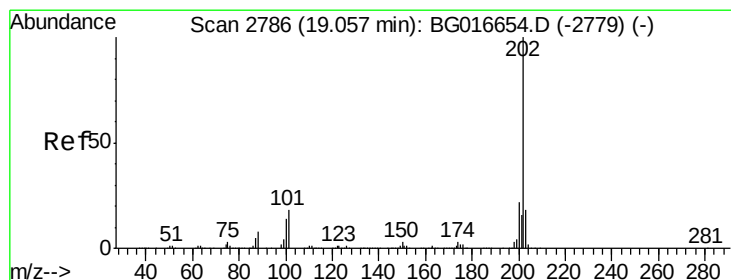
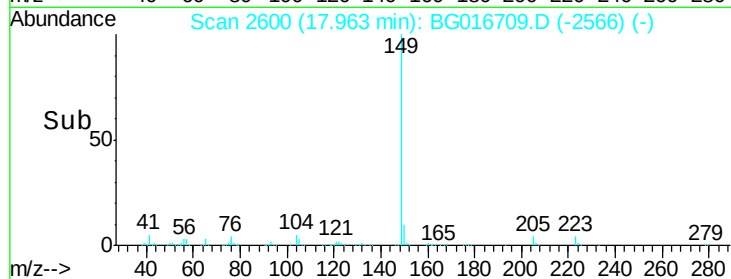
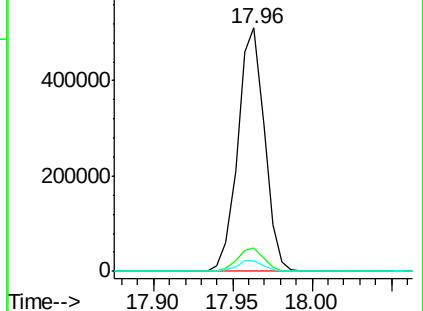
104 4.6 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.91 ng

RT: 19.06 min Scan# 2786

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

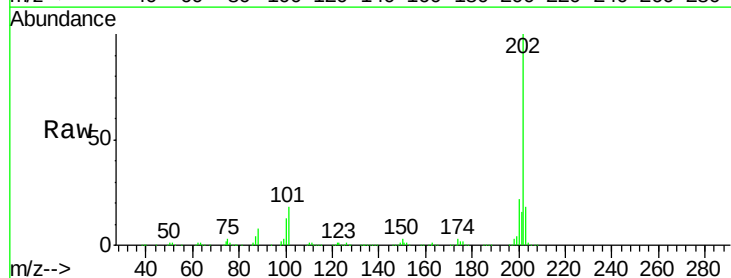
Tgt Ion:202 Resp: 556134

Ion Ratio Lower Upper

202 100

101 17.5 0.0 38.1

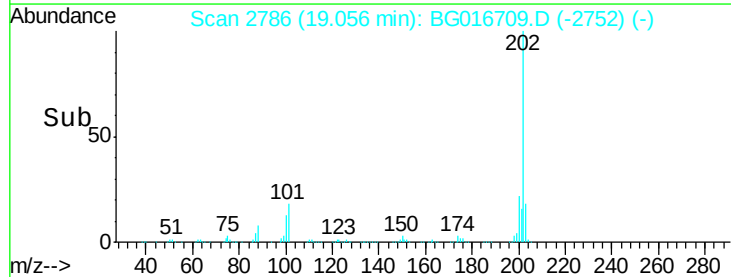
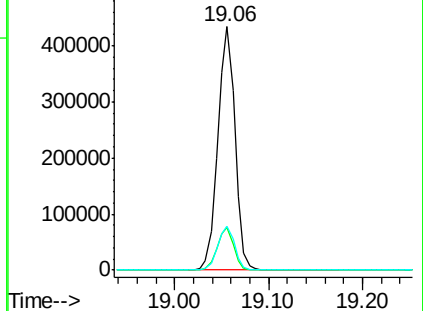
203 18.0 0.0 38.4

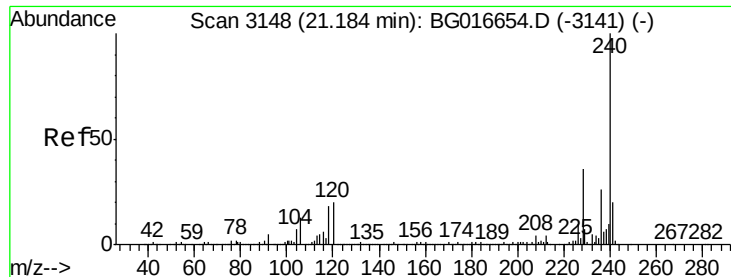


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.18 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

Instrument :

BNA_G

ClientSampleId :

PB83003BSD

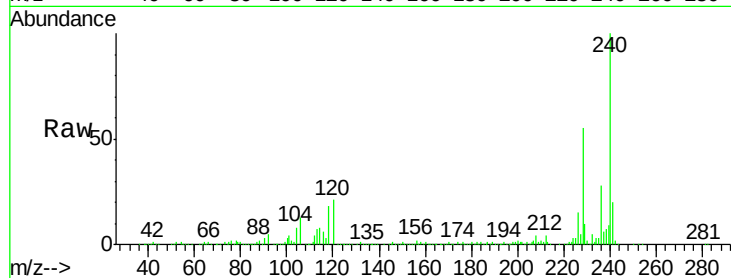
Tgt Ion:240 Resp: 225322

Ion Ratio Lower Upper

240 100

120 21.1 16.3 24.5

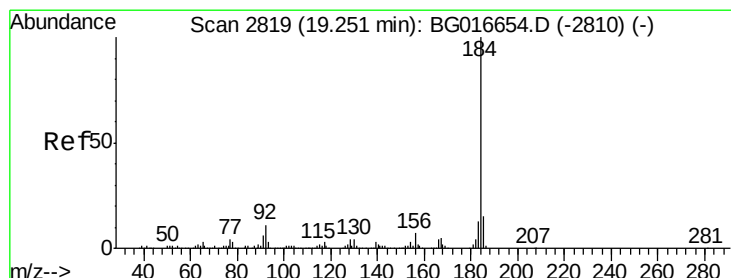
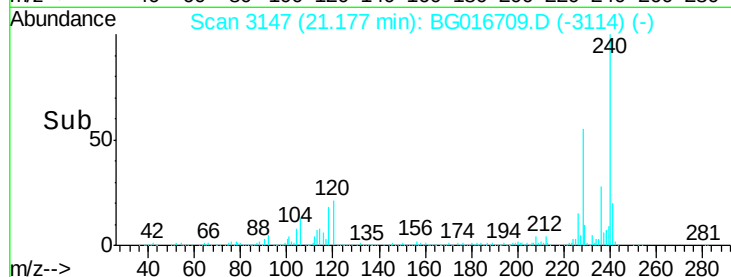
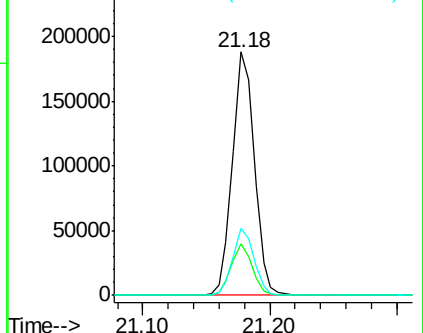
236 27.7 21.1 31.7



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: 33.73 ng

RT: 19.25 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

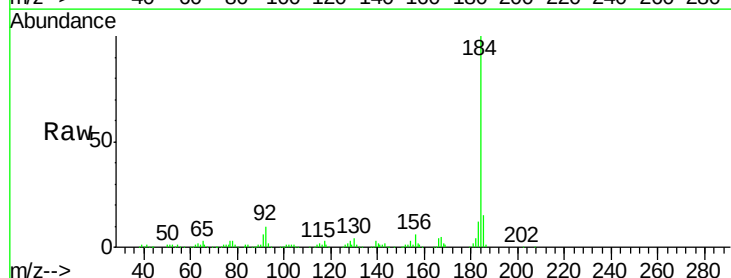
Tgt Ion:184 Resp: 258824

Ion Ratio Lower Upper

184 100

185 15.0 12.3 18.5

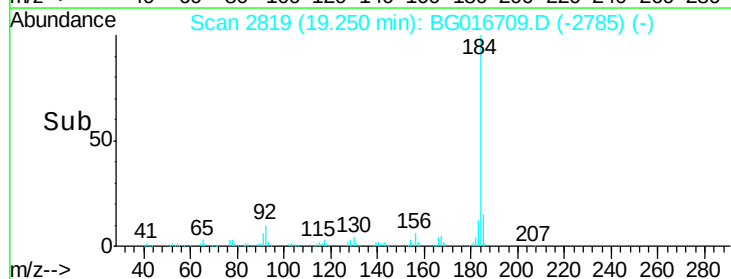
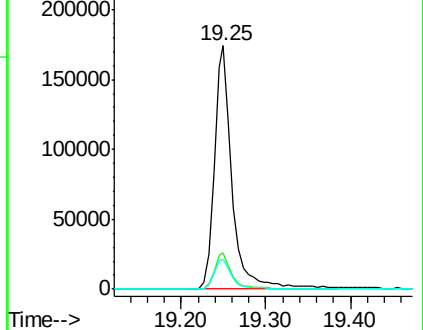
183 12.4 10.1 15.1

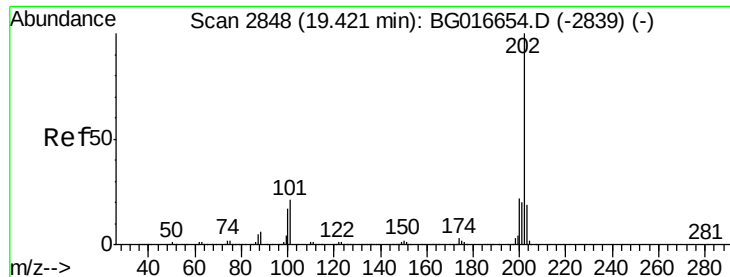


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.38 ng

RT: 19.42 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

Instrument :

BNA_G

ClientSampleId :

PB83003BSD

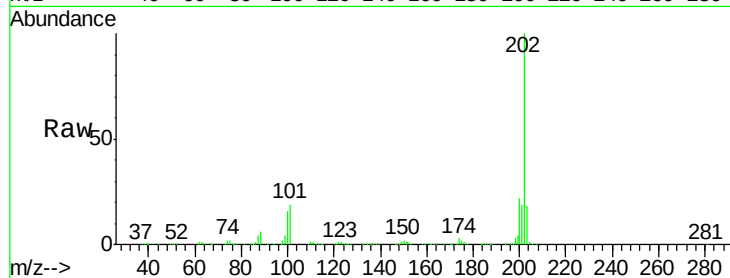
Tgt Ion:202 Resp: 591721

Ion Ratio Lower Upper

202 100

200 21.9 18.0 27.0

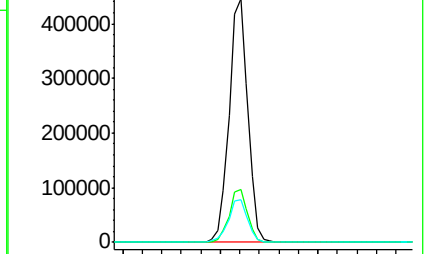
203 17.7 14.9 22.3



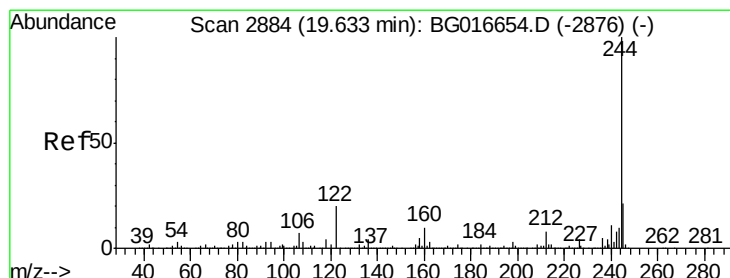
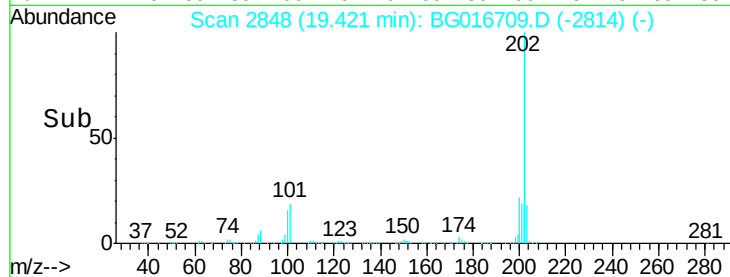
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.30 19.40 19.50



#78

Terphenyl-d14

Concen: 91.55 ng

RT: 19.63 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

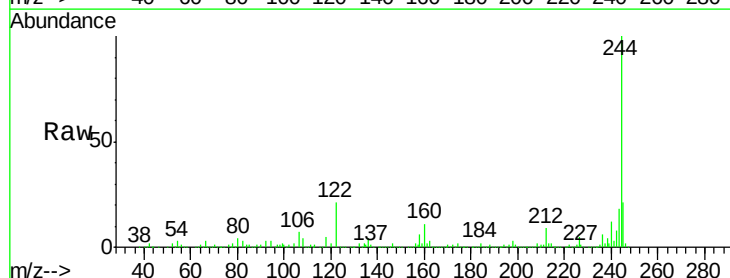
Tgt Ion:244 Resp: 895490

Ion Ratio Lower Upper

244 100

212 8.6 6.4 9.6

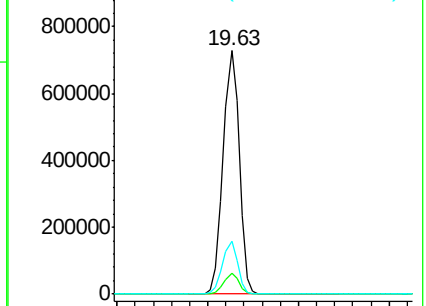
122 21.5 15.9 23.9



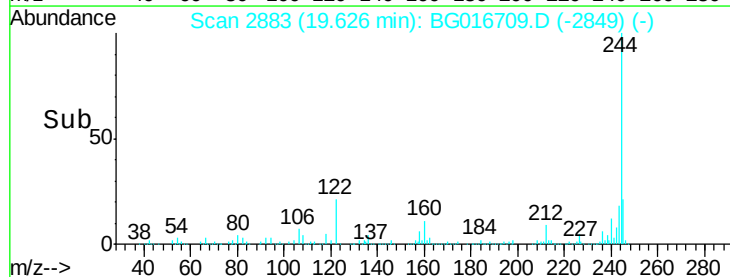
Abundance Ion 244.00 (243.70 to 244.70): E

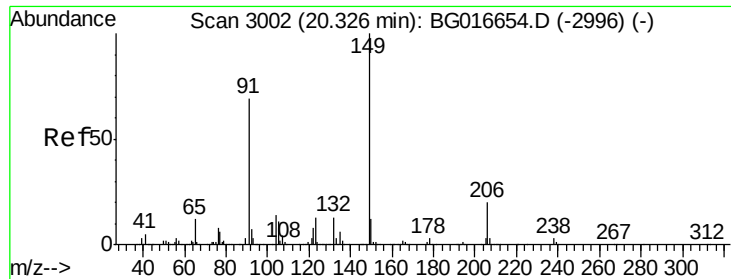
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.50 19.60 19.70

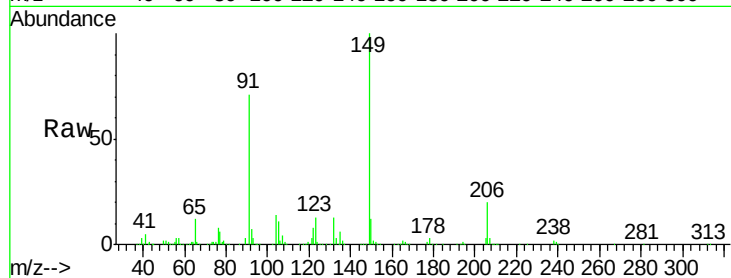




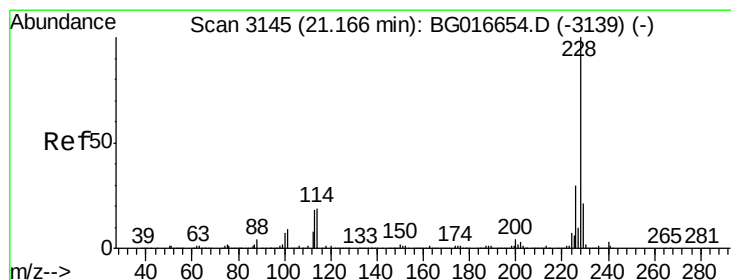
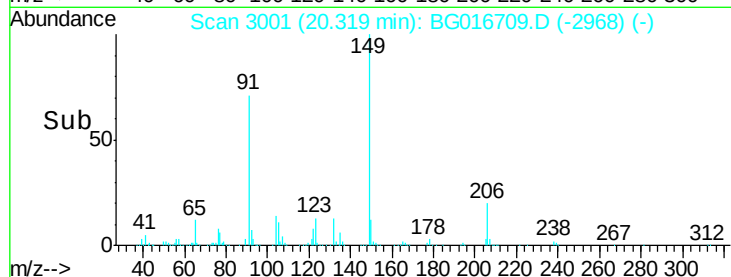
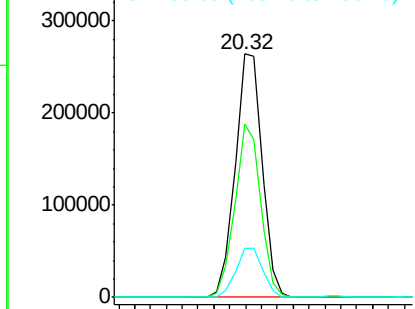
#79
Butylbenzylphthalate
Concen: 40.01 ng
RT: 20.32 min Scan# 3001
Delta R.T. -0.01 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

Instrument :
BNA_G
ClientSampleId :
PB83003BSD

Tgt Ion:149 Resp: 311528
Ion Ratio Lower Upper
149 100
91 71.0 55.4 83.0
206 20.0 16.4 24.6

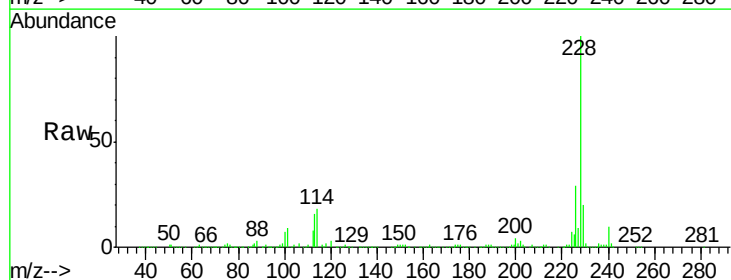


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

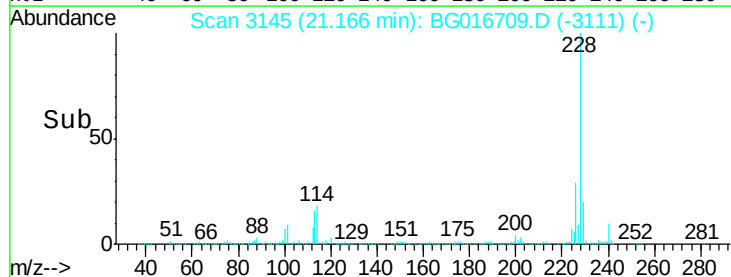
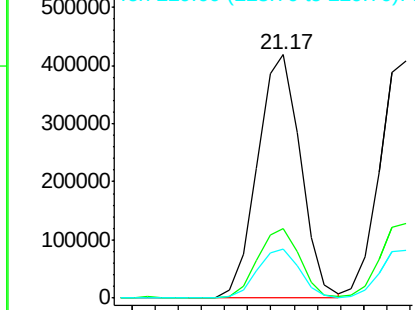


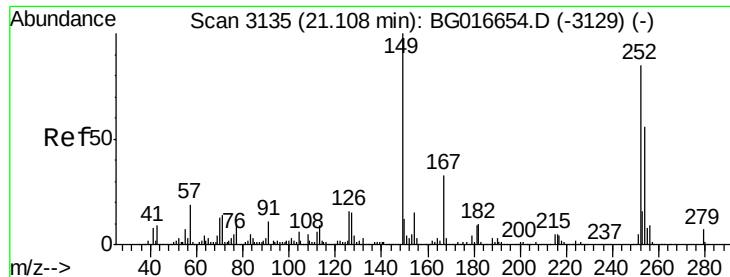
#80
Benzo(a)anthracene
Concen: 39.59 ng
RT: 21.17 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

Tgt Ion:228 Resp: 540968
Ion Ratio Lower Upper
228 100
226 28.7 23.8 35.6
229 20.3 17.0 25.4



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

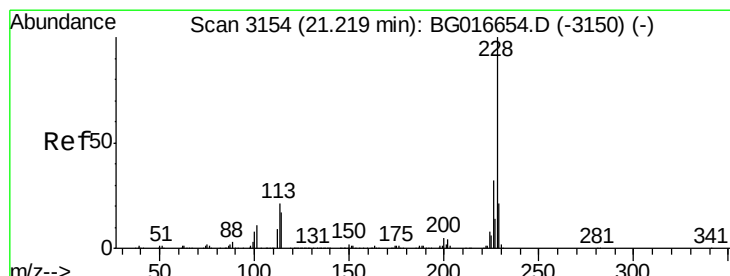
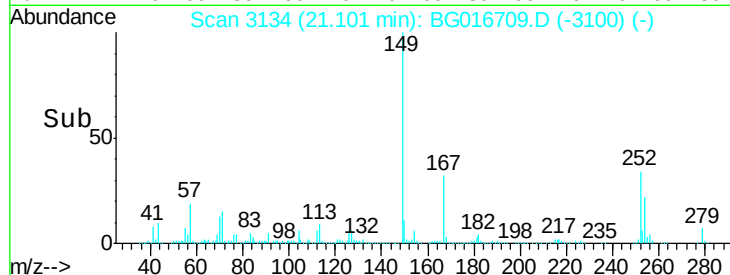
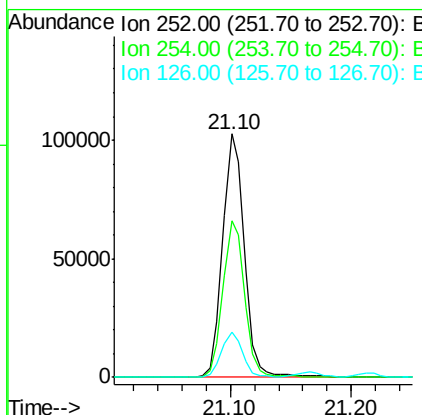
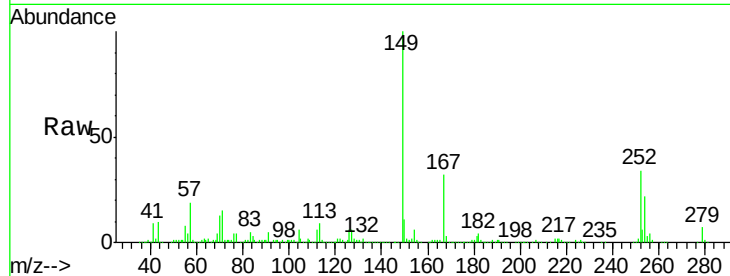




#81
 3,3'-Dichlorobenzidine
 Concen: 28.68 ng
 RT: 21.10 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

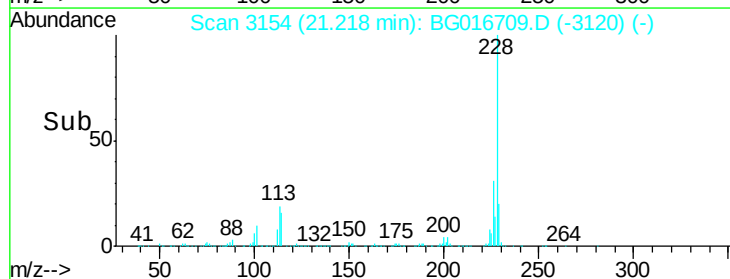
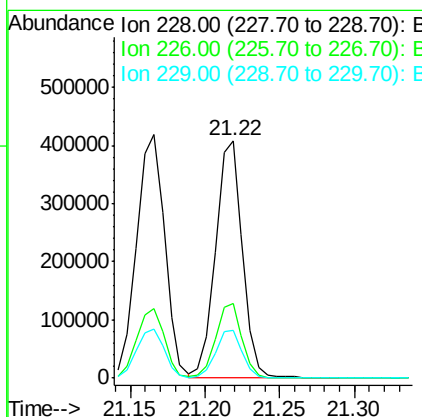
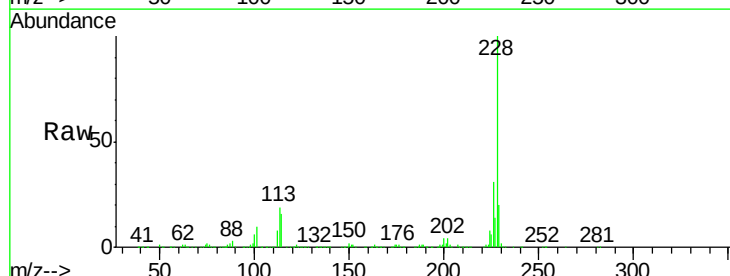
Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

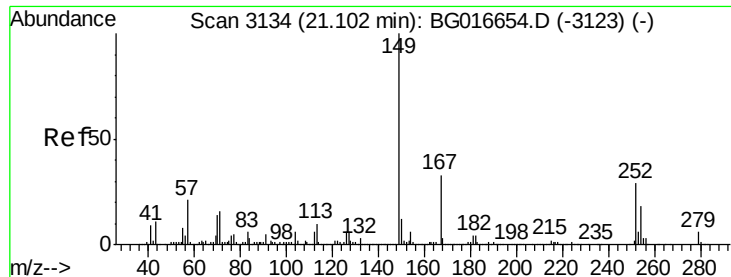
Tgt Ion: 252 Resp: 127694
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.7 79.1
 126 18.8 15.3 22.9



#82
 Chrysene
 Concen: 39.14 ng
 RT: 21.22 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

Tgt Ion: 228 Resp: 512645
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.0
 229 20.3 16.5 24.7

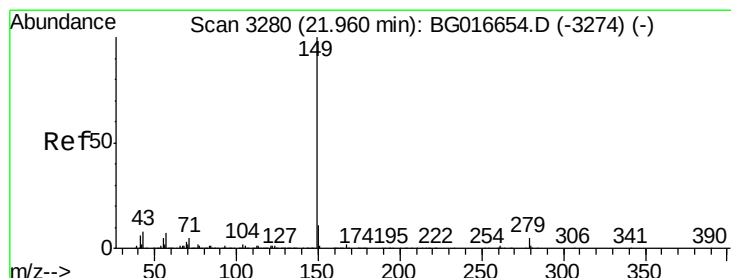
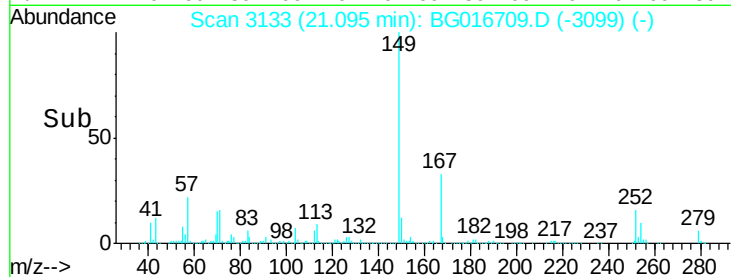
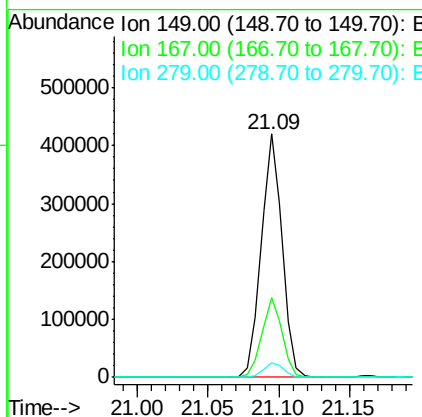
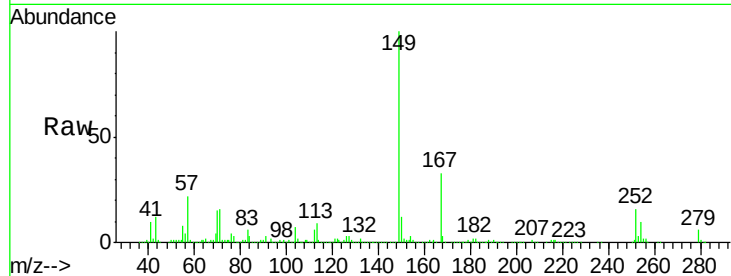




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.63 ng
 RT: 21.09 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

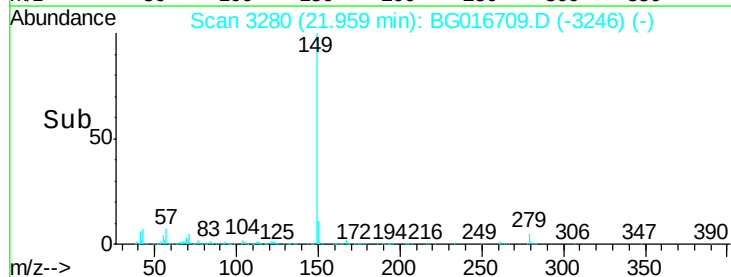
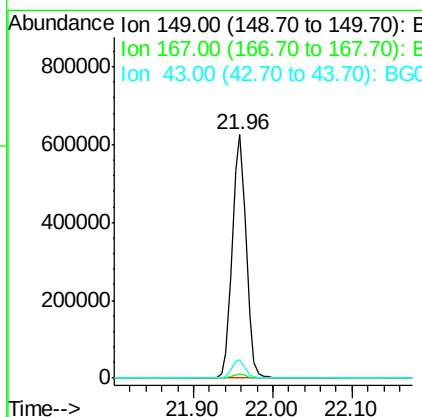
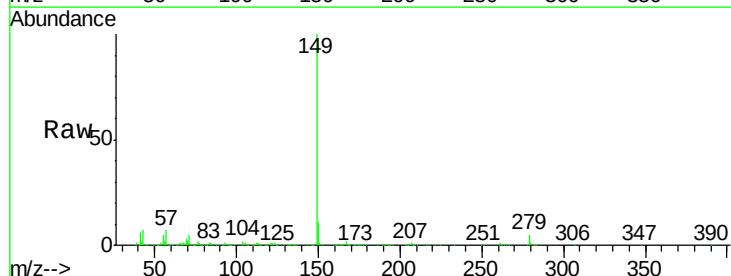
Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

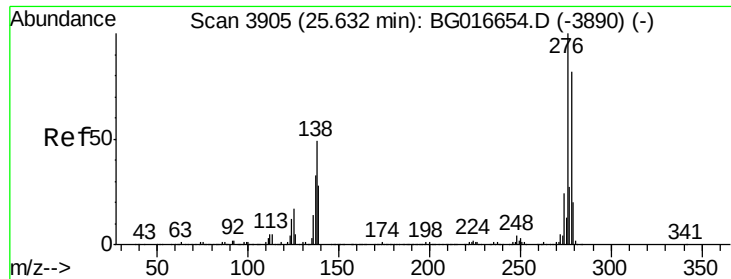
Tgt Ion:149 Resp: 440978
 Ion Ratio Lower Upper
 149 100
 167 32.6 26.6 39.8
 279 5.8 5.1 7.7



#84
 Di-n-octyl phthalate
 Concen: 43.15 ng
 RT: 21.96 min Scan# 3280
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

Tgt Ion:149 Resp: 761349
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 7.2 5.7 8.5

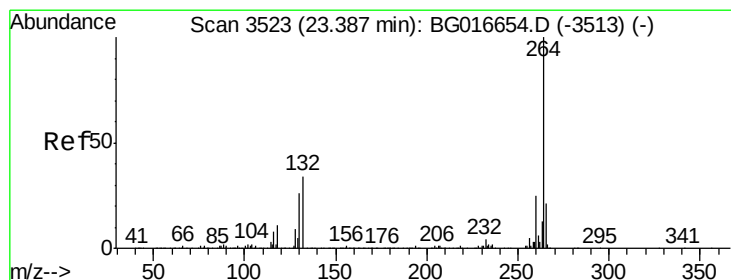
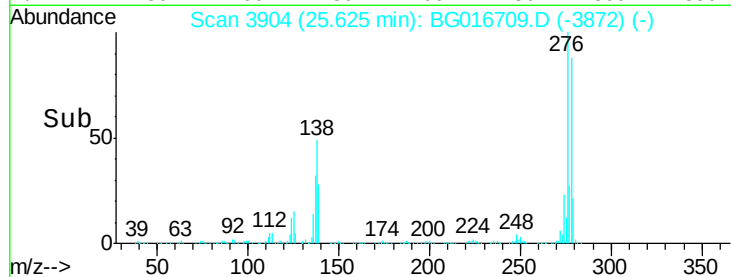
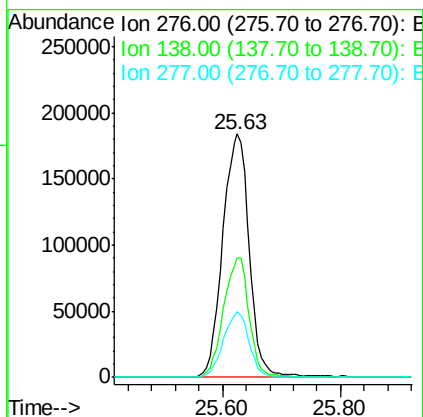
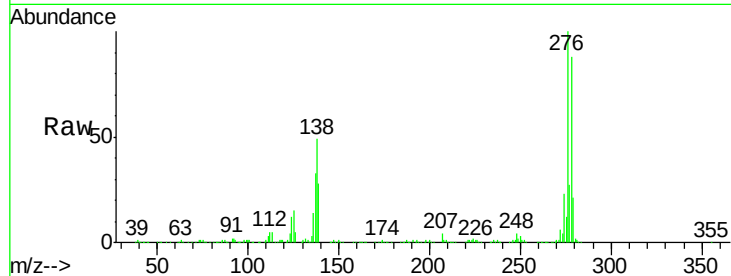




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.22 ng
 RT: 25.63 min Scan# 3904
 Delta R.T. -0.01 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

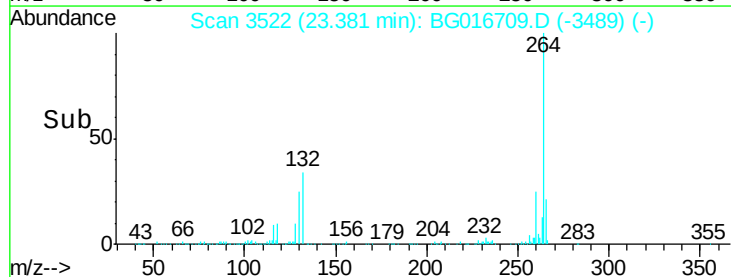
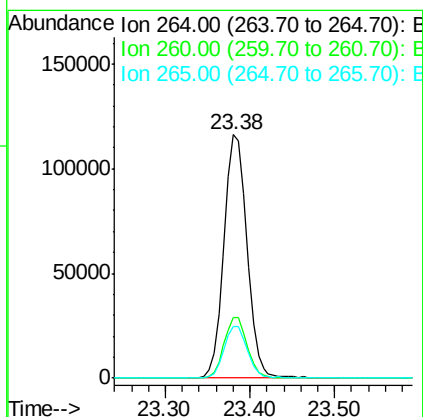
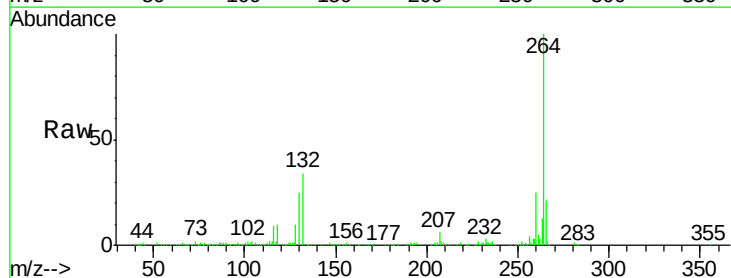
Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

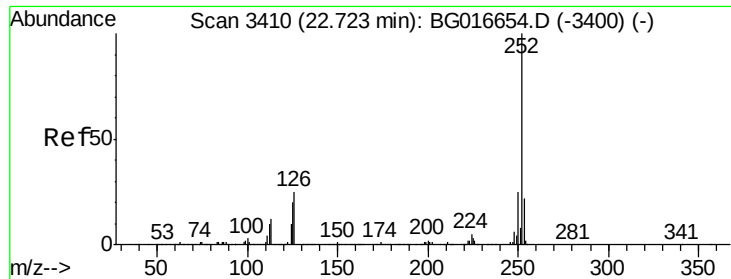
Tgt Ion	Ratio	Lower	Upper
276	100		
138	47.6	38.2	57.2
277	26.4	21.4	32.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.38 min Scan# 3522
 Delta R.T. -0.01 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.0	30.0
265	21.1	16.8	25.2

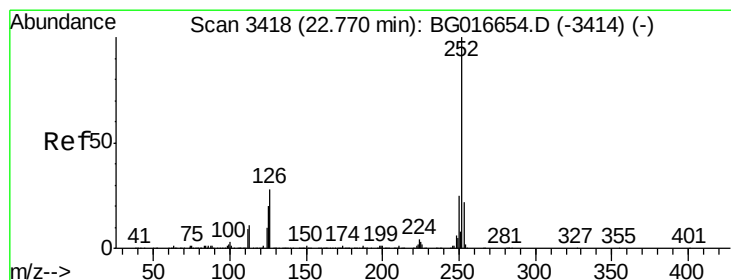
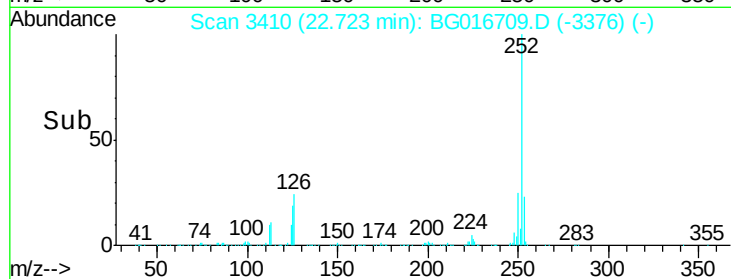
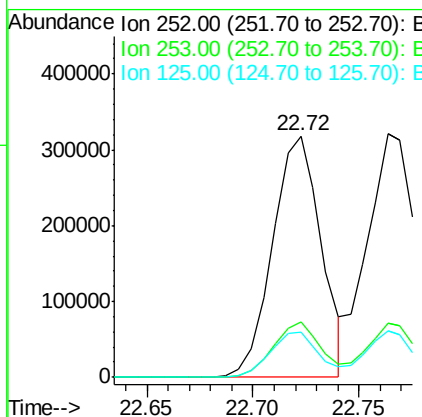
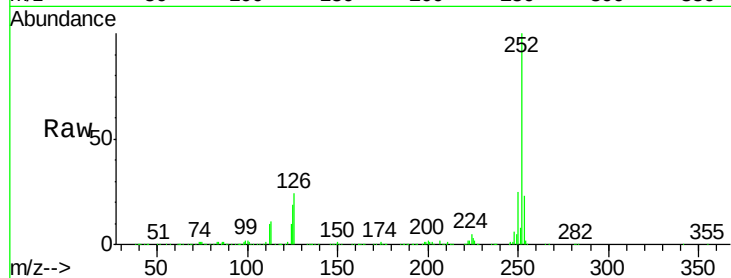




#87
Benzo(b)fluoranthene
Concen: 38.01 ng
RT: 22.72 min Scan# 3410
Delta R.T. -0.00 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

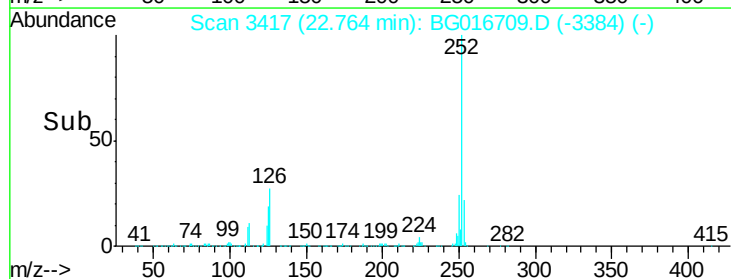
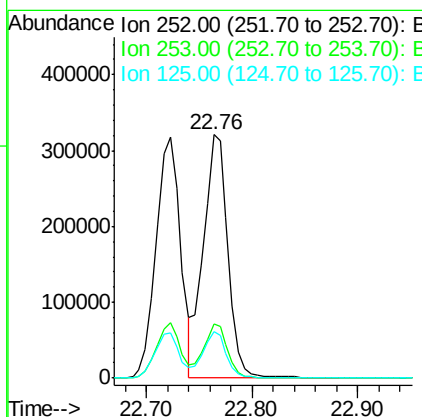
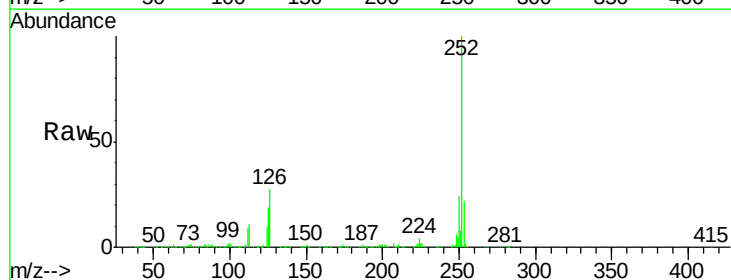
Instrument :
BNA_G
ClientSampleId :
PB83003BSD

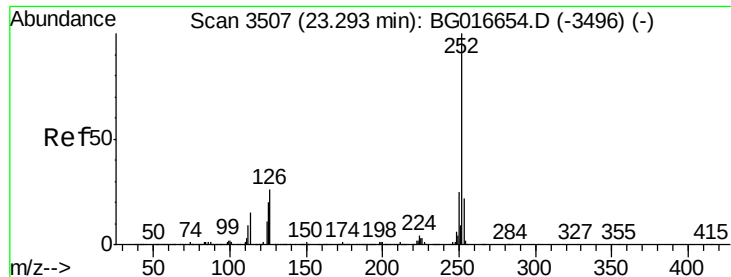
Tgt Ion: 252 Resp: 508736
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 18.9 15.8 23.8



#88
Benzo(k)fluoranthene
Concen: 39.62 ng
RT: 22.76 min Scan# 3417
Delta R.T. -0.01 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

Tgt Ion: 252 Resp: 517494
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 19.0 15.5 23.3





#89

Benzo(a)pyrene

Concen: 39.77 ng

RT: 23.29 min Scan# 3506

Delta R.T. -0.01 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

Instrument :

BNA_G

ClientSampleId :

PB83003BSD

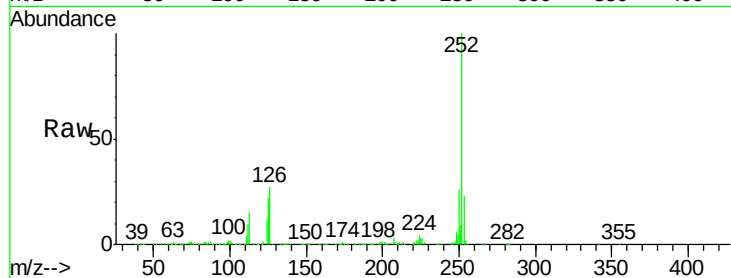
Tgt Ion:252 Resp: 501573

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

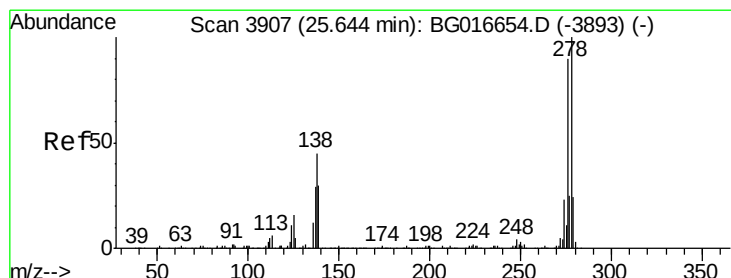
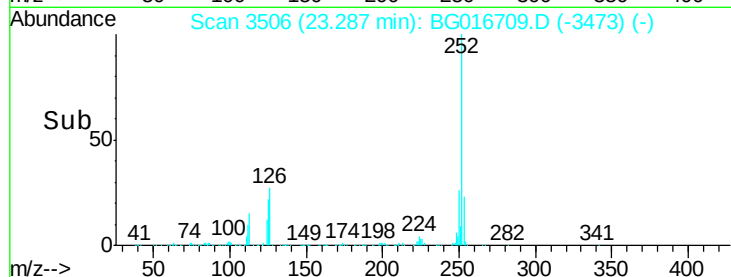
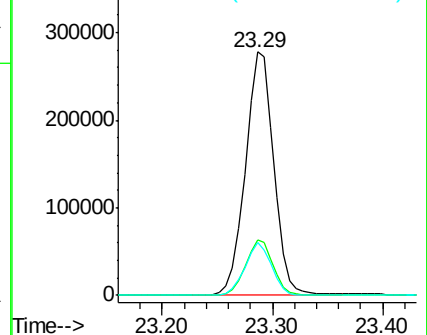
125 21.6 16.3 24.5



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: 38.68 ng

RT: 25.63 min Scan# 3905

Delta R.T. -0.01 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

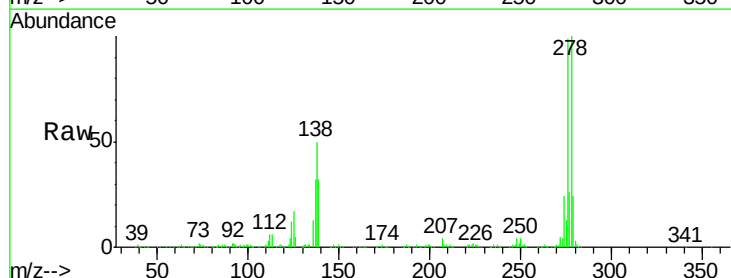
Tgt Ion:278 Resp: 474350

Ion Ratio Lower Upper

278 100

139 32.2 24.2 36.2

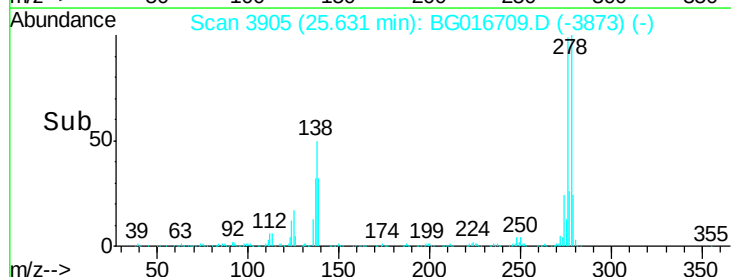
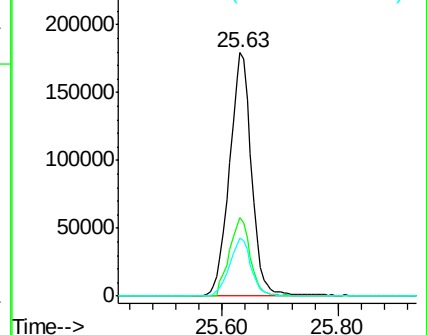
279 23.8 18.9 28.3

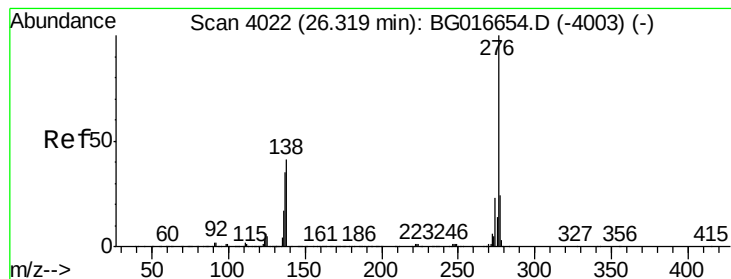


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.08 ng

RT: 26.31 min Scan# 4020

Delta R.T. -0.01 min

Lab File: BG016709.D

Acq: 25 Apr 2015 10:10

Instrument :

BNA_G

ClientSampleId :

PB83003BSD

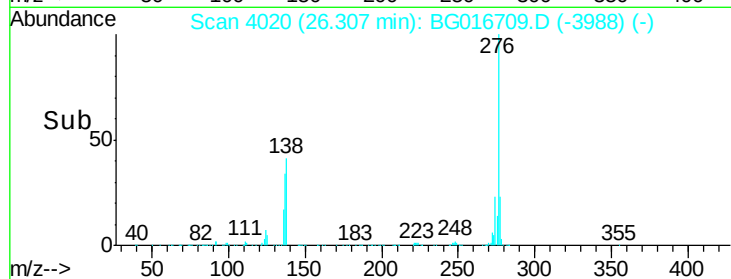
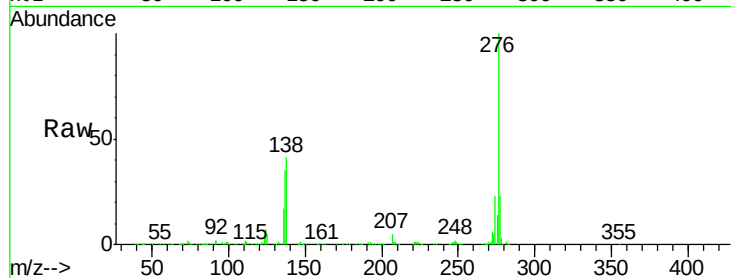
Tgt Ion: 276 Resp: 487648

Ion Ratio Lower Upper

276 100

277 23.0 19.3 28.9

138 40.8 32.8 49.2



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

