

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 01:29:12 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	47207m	41.61	ng	
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

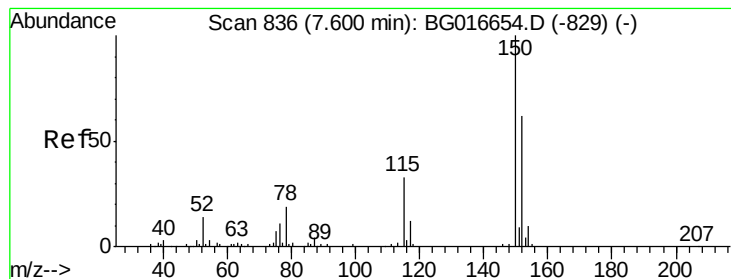
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
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 Acq On : 25 Apr 2015 10:10
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 Response via : Initial Calibration

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

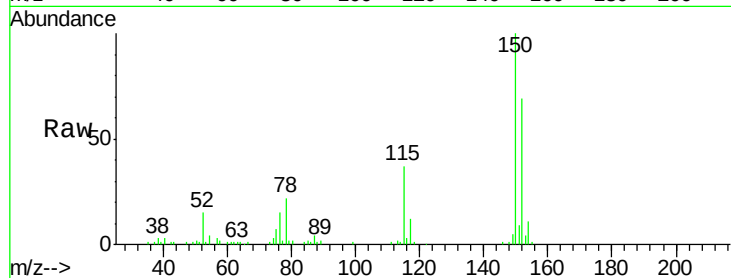
Tot Ion:152 Resp: 36115

Ion Ratio Lower Upper

152 100

150 144.2 129.6 194.4

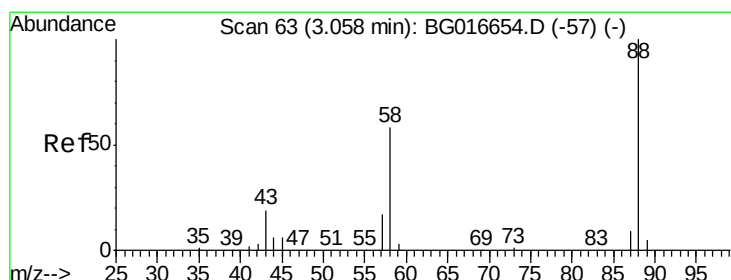
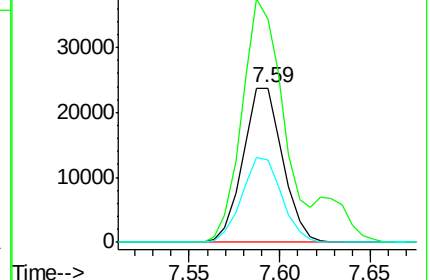
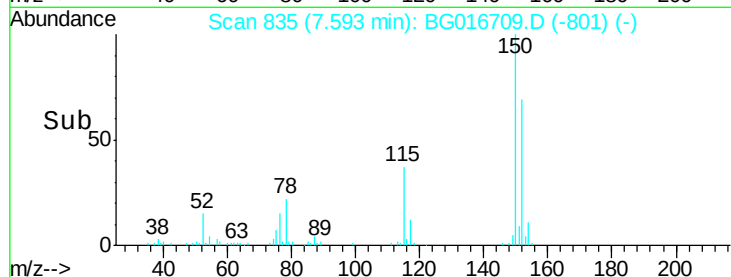
115 53.4 43.0 64.6



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

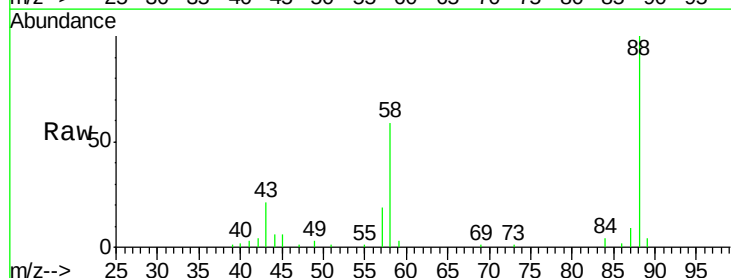
Tgt Ion: 88 Resp: 32112

Ion Ratio Lower Upper

88 100

58 60.7 46.8 70.2

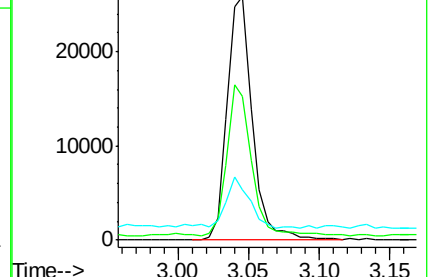
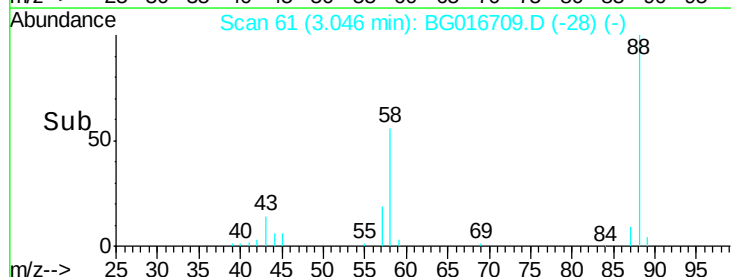
43 17.9 15.8 23.8

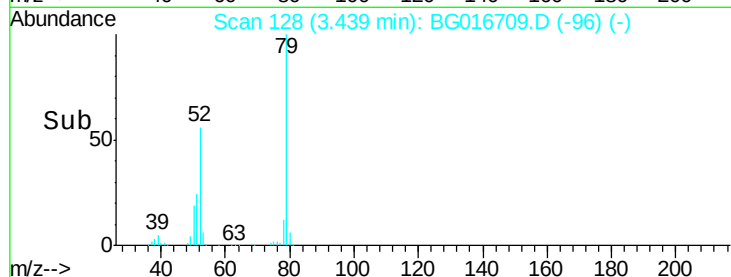
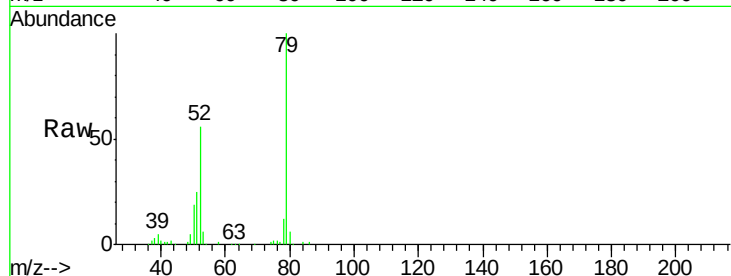
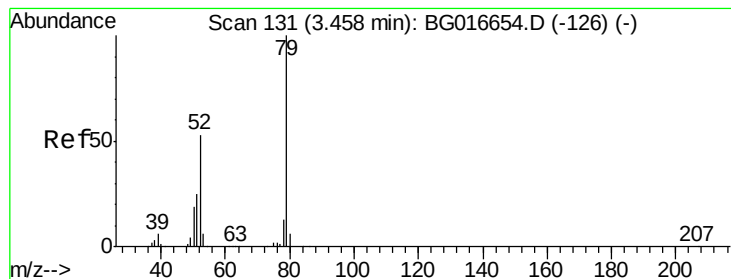


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

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

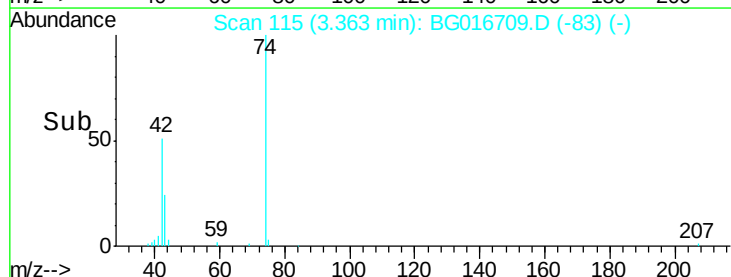
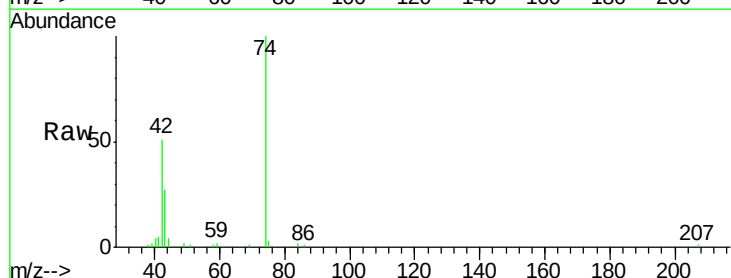
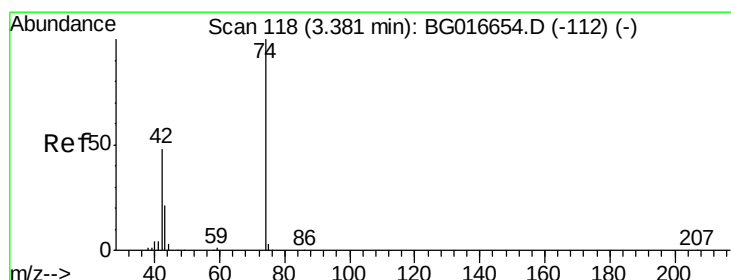
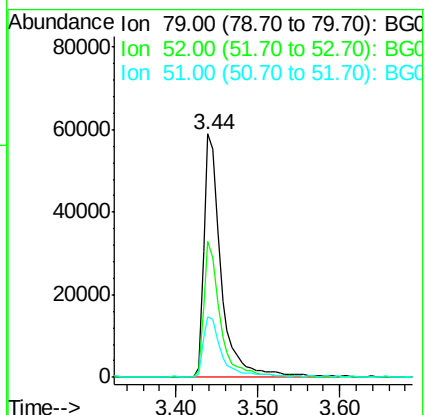
Tot Ion: 79 Resp: 87188

Ion Ratio Lower Upper

79 100

52 56.1 42.7 64.1

51 24.8 20.5 30.7



#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

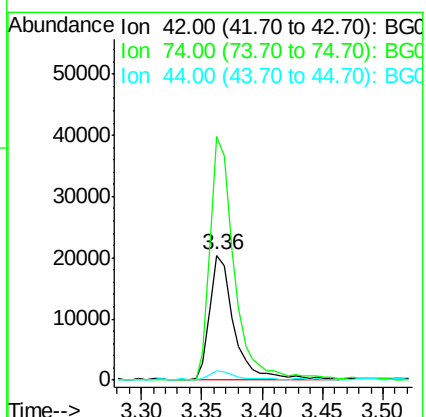
Tgt Ion: 42 Resp: 28753

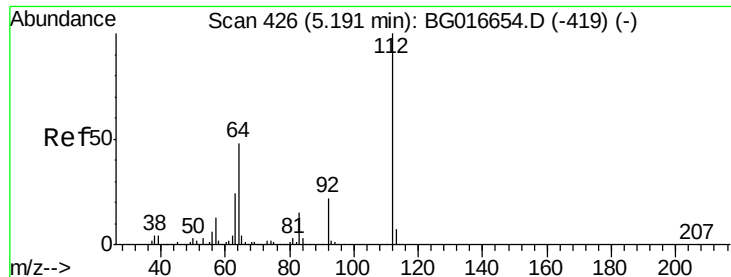
Ion Ratio Lower Upper

42 100

74 194.8 165.6 248.4

44 7.4 5.0 7.6





#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

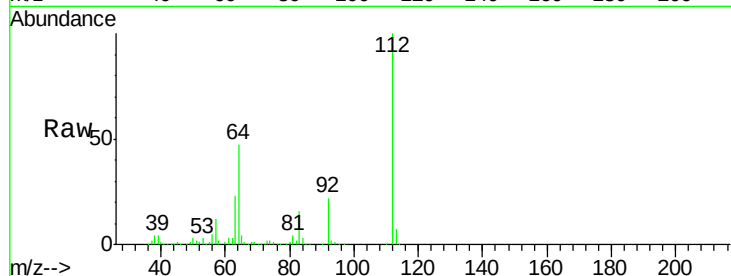
Tot Ion:112 Resp: 208651

Ion Ratio Lower Upper

112 100

64 46.6 38.3 57.5

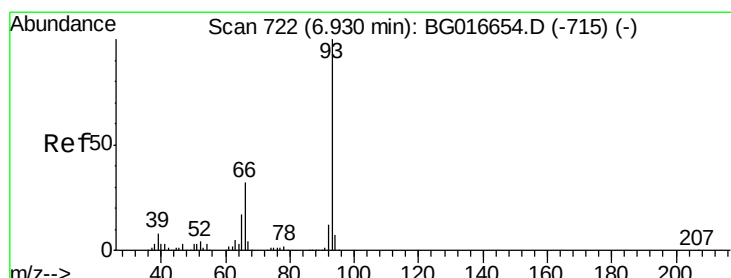
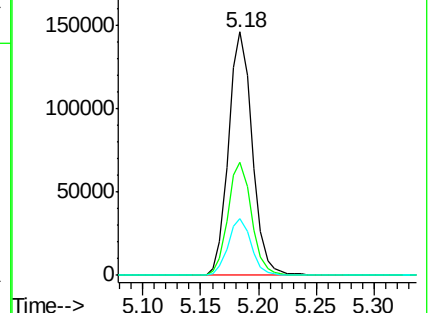
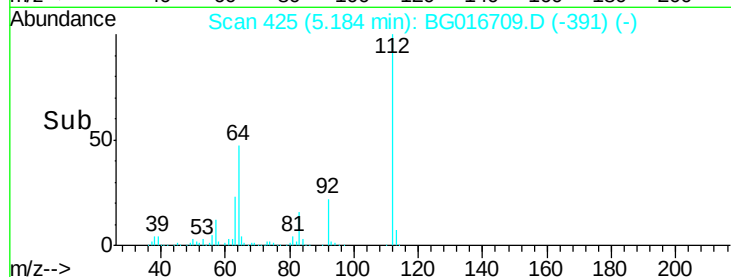
63 23.4 18.9 28.3



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

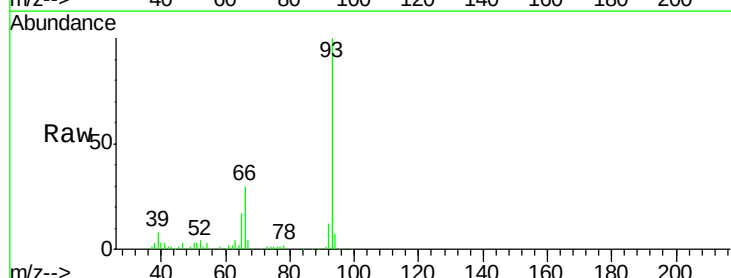
Tgt Ion: 93 Resp: 92326

Ion Ratio Lower Upper

93 100

66 30.1 25.4 38.2

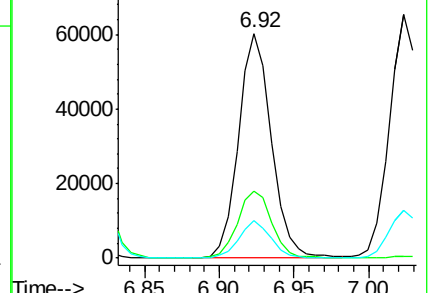
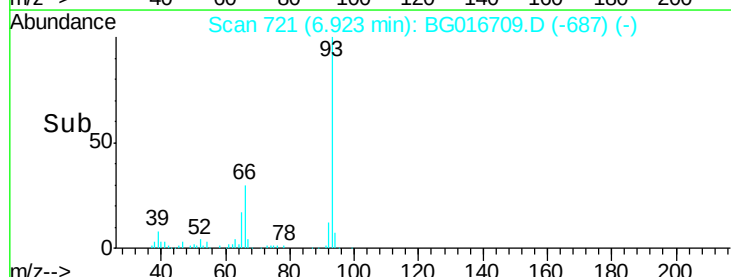
65 16.9 13.8 20.6

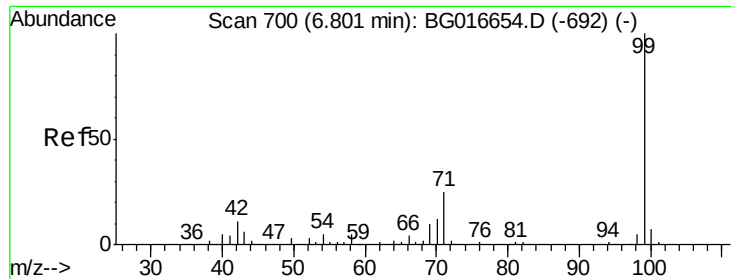


Abundance Ion 93.00 (92.70 to 93.70): BGC

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

Instrument :

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ClientSampleId :

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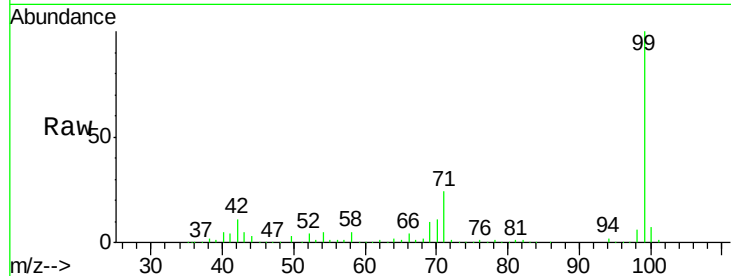
Tot Ion: 99 Resp: 284253

Ion Ratio Lower Upper

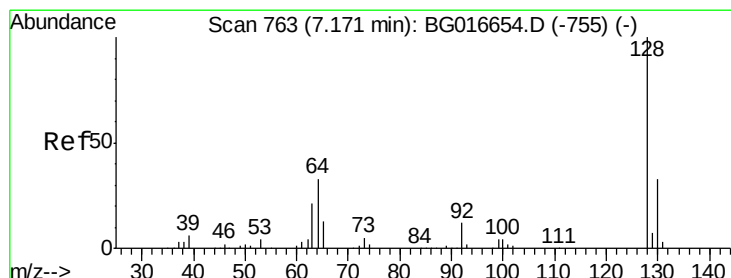
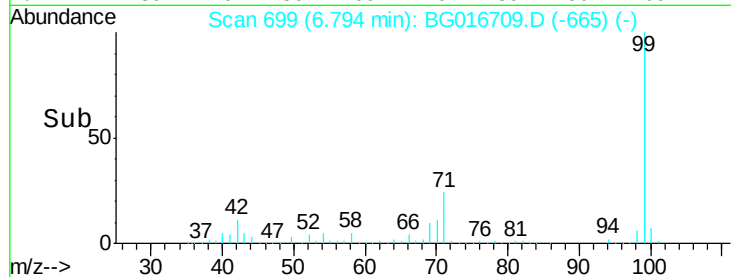
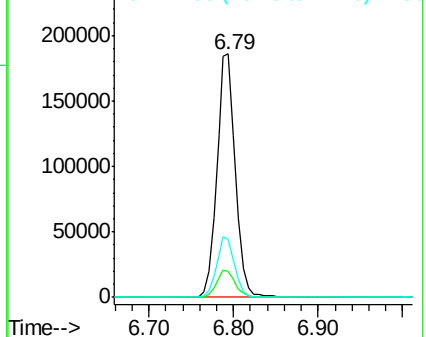
99 100

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

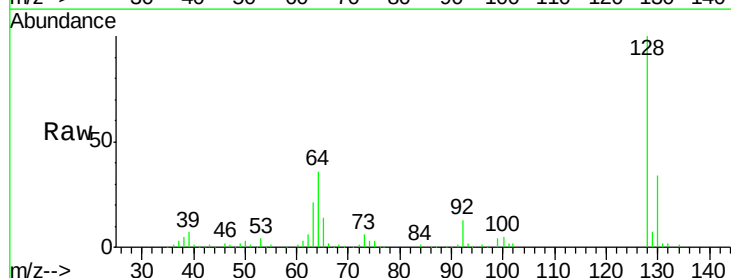
Tgt Ion: 128 Resp: 108513

Ion Ratio Lower Upper

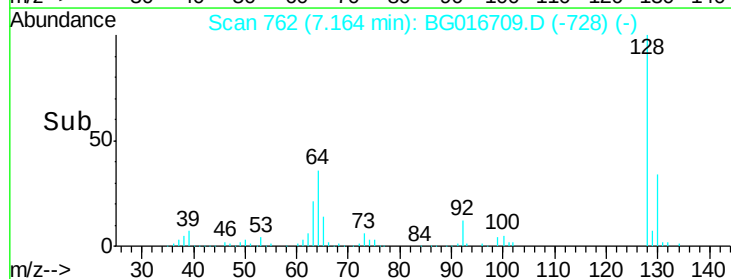
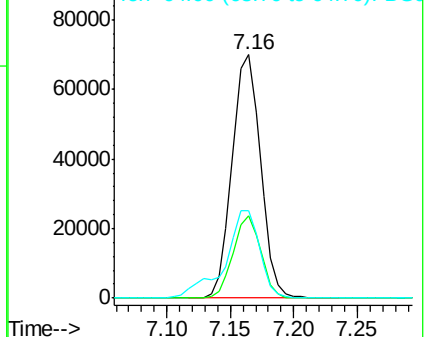
128 100

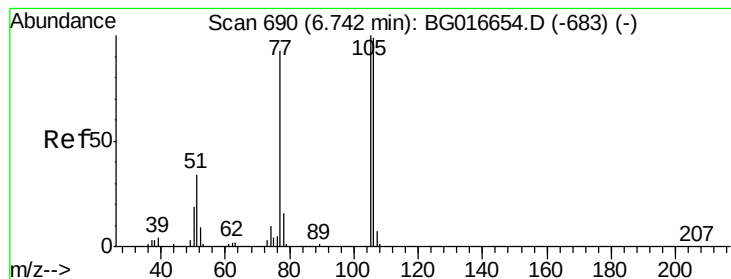
130 33.7 13.5 53.5

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

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PB83003BSD

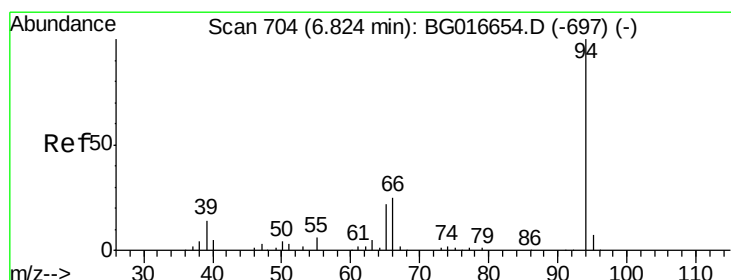
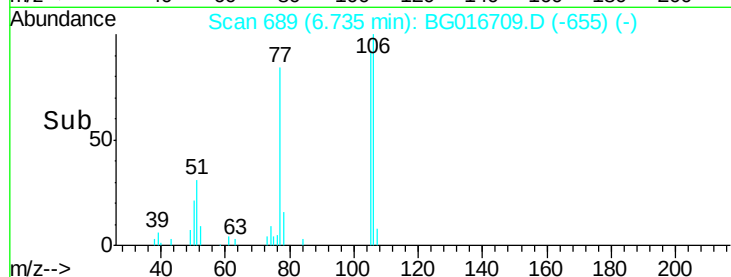
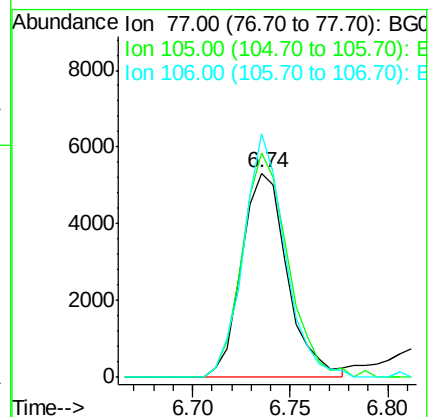
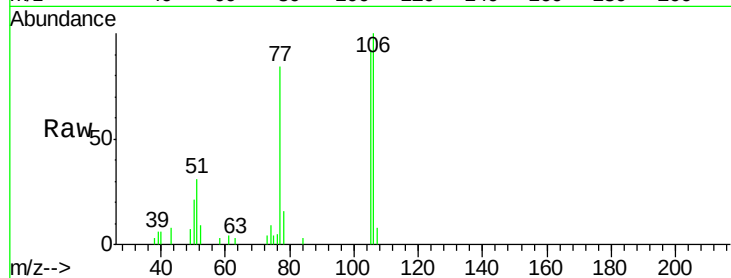
Tot Ion: 77 Resp: 8655

Ion Ratio Lower Upper

77 100

105 109.6 88.0 128.0

106 119.1 86.6 126.6



#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

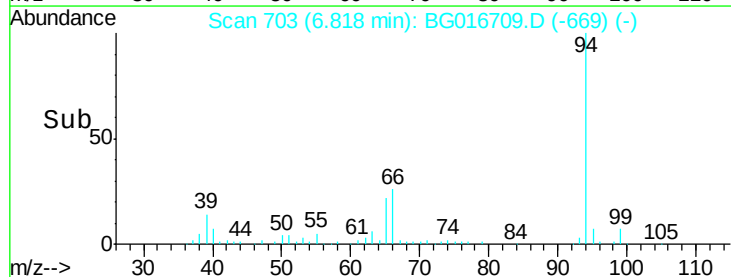
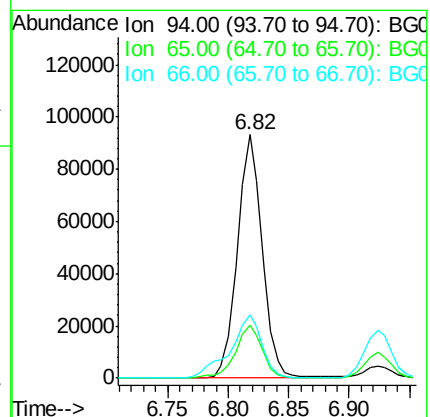
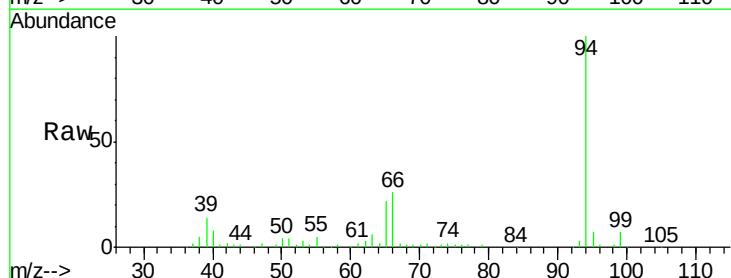
Tgt Ion: 94 Resp: 134012

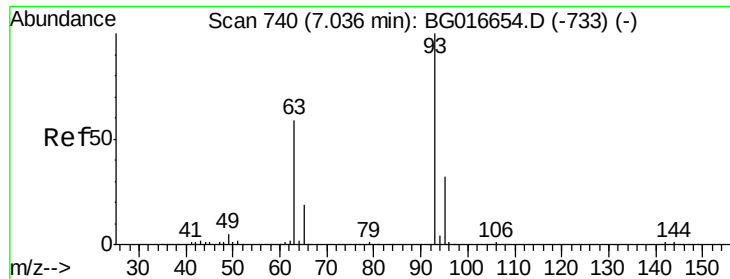
Ion Ratio Lower Upper

94 100

65 21.7 2.6 42.6

66 26.0 7.0 47.0

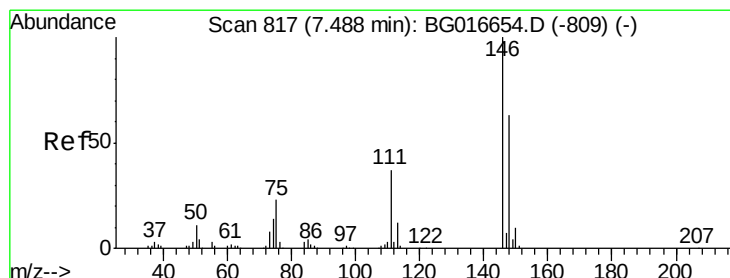
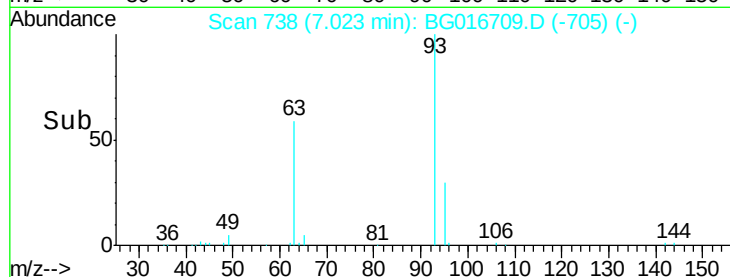
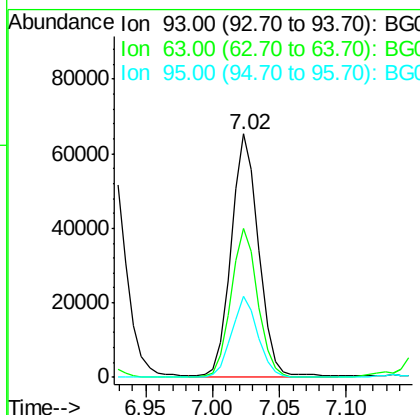
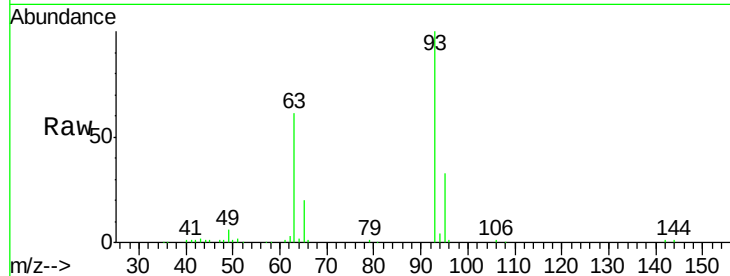




#11
bis(2-Chloroethyl)ether
Concen: 36.71 ng
RT: 7.02 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

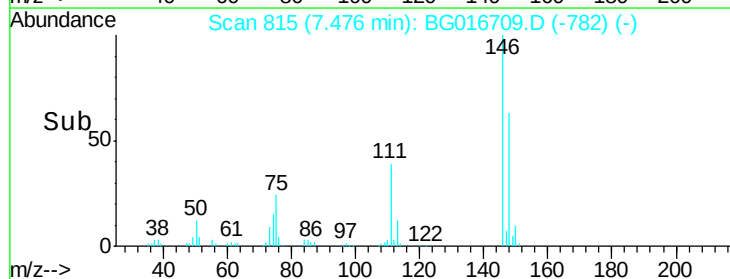
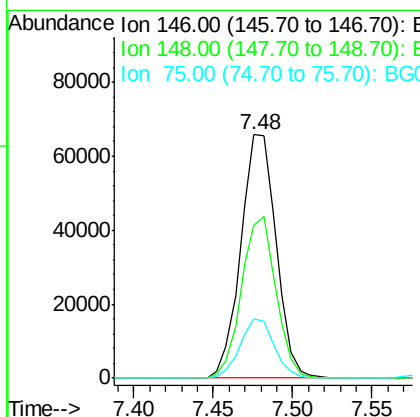
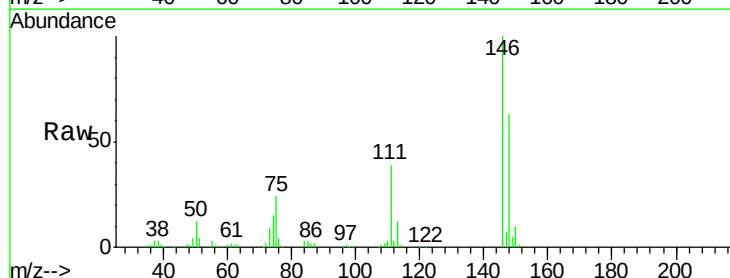
Instrument :
BNA_G
ClientSampleId :
PB83003BSD

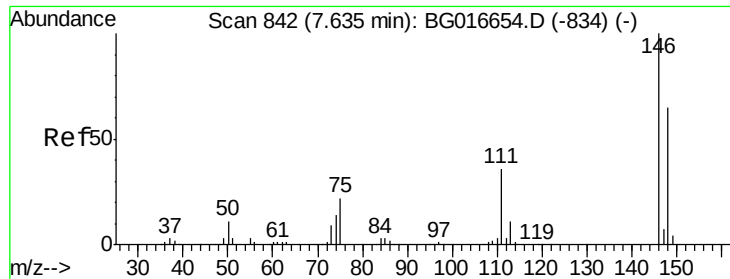
Tot Ion: 93 Resp: 94303
Ion Ratio Lower Upper
93 100
63 61.3 39.2 79.2
95 33.1 11.9 51.9



#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

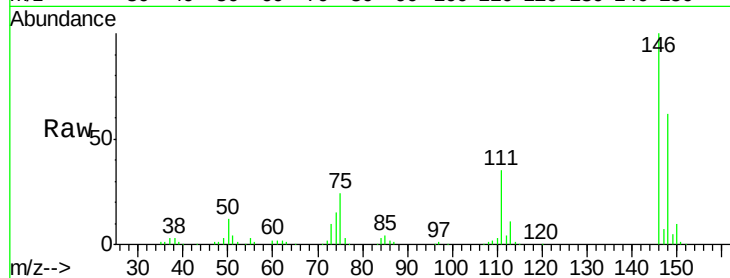




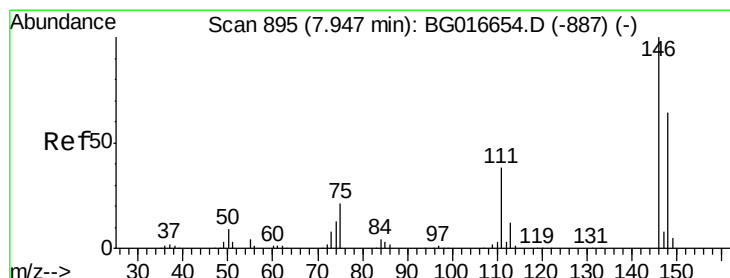
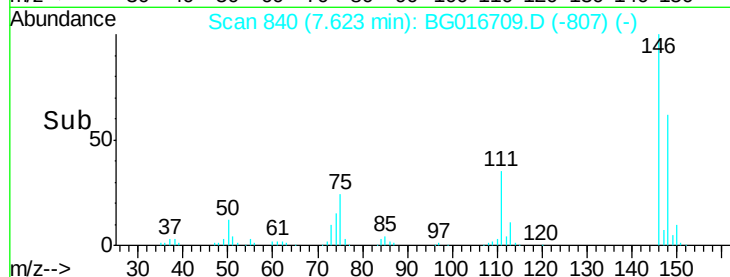
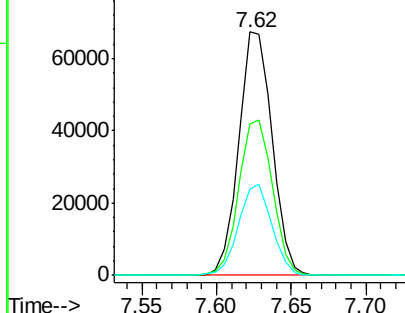
#13
 1,4-Dichlorobenzene
 Concen: 35.92 ng
 RT: 7.62 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

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

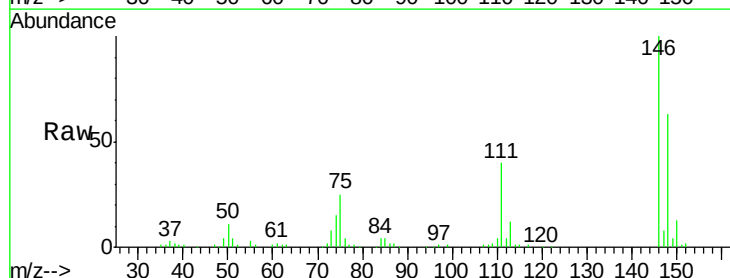


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

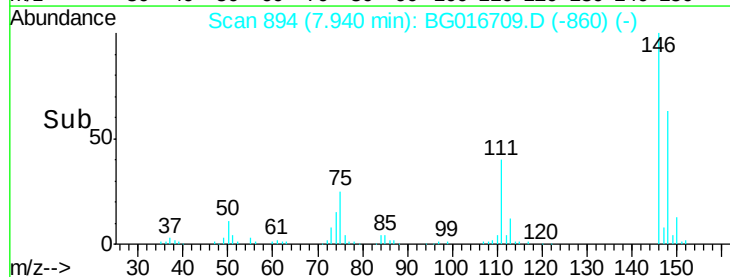
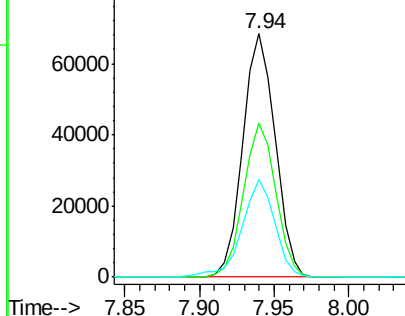


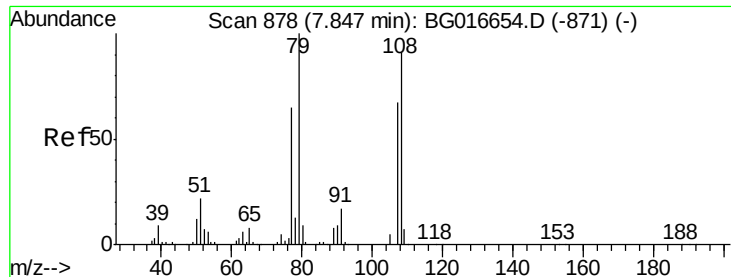
#14
 1,2-Dichlorobenzene
 Concen: 36.94 ng
 RT: 7.94 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

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

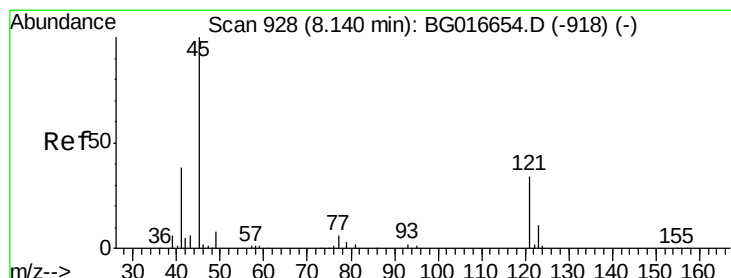
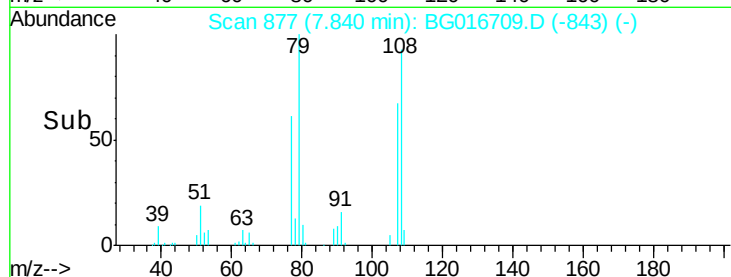
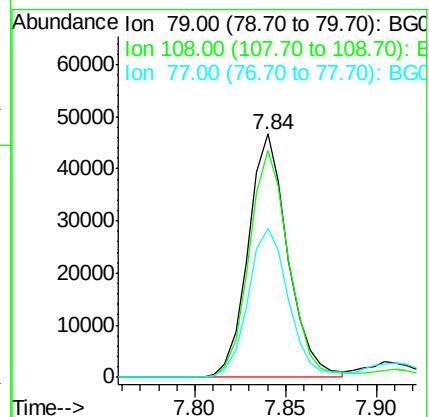
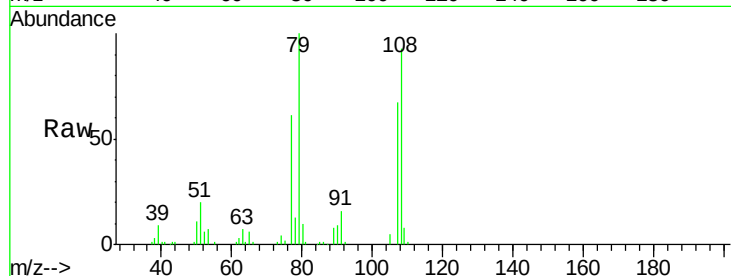
Tot Ion: 79 Resp: 70809

Ion Ratio Lower Upper

79 100

108 93.3 73.0 109.4

77 61.0 51.8 77.8



#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

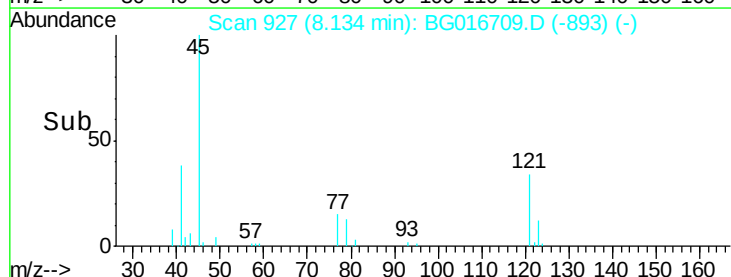
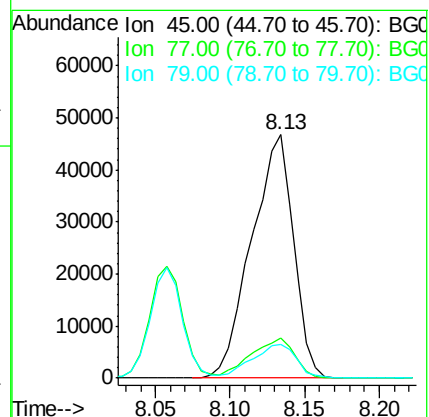
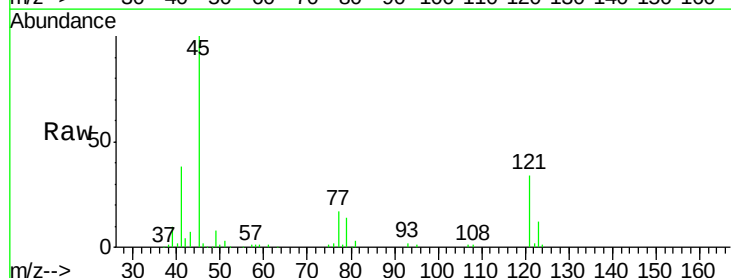
Tgt Ion: 45 Resp: 90855

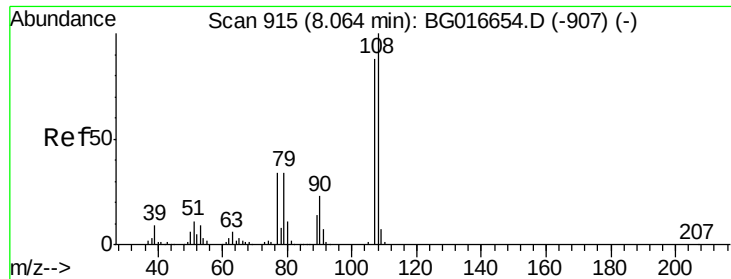
Ion Ratio Lower Upper

45 100

77 16.6 0.0 37.3

79 14.0 0.0 34.7

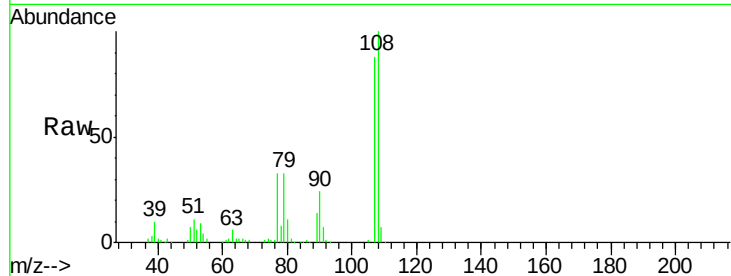




#17
2-Methylphenol
Concen: 40.65 ng
RT: 8.06 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

Instrument :
BNA_G
ClientSampleId :
PB83003BSD

Tot 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



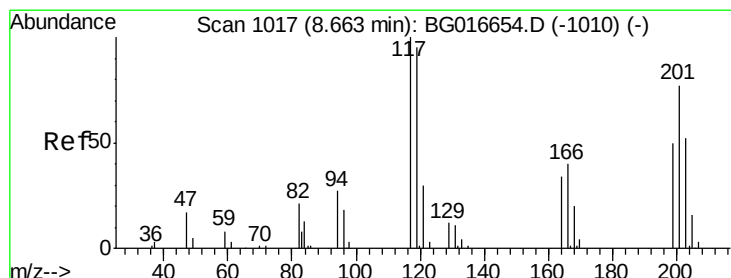
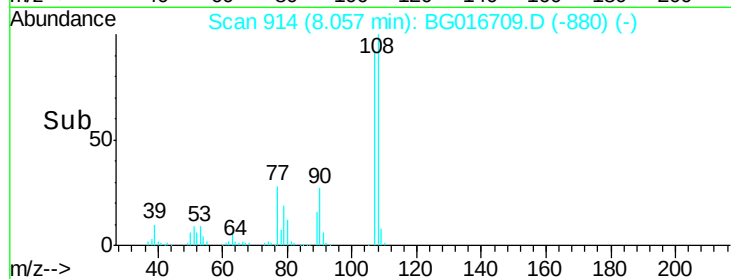
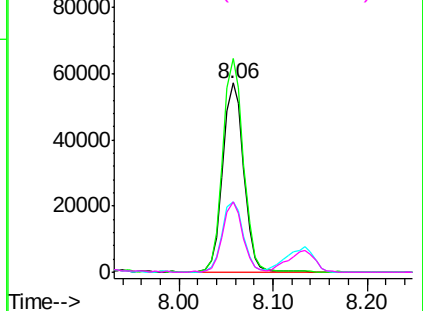
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

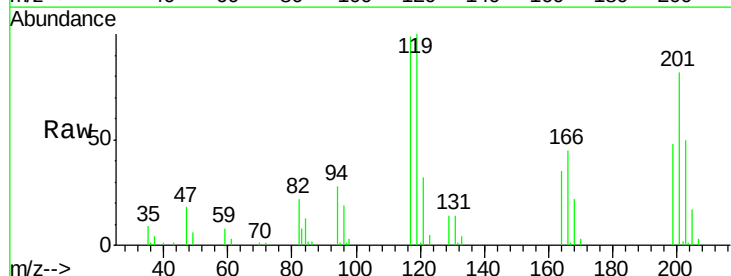
Ion 77.00 (76.70 to 77.70): BG

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	Ratio	Lower	Upper
117	100		
119	100.6	76.3	114.5
201	82.3	61.5	92.3

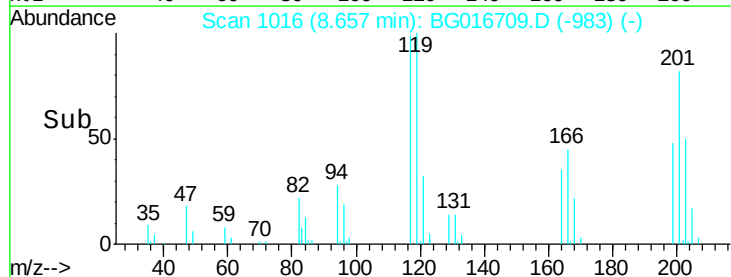
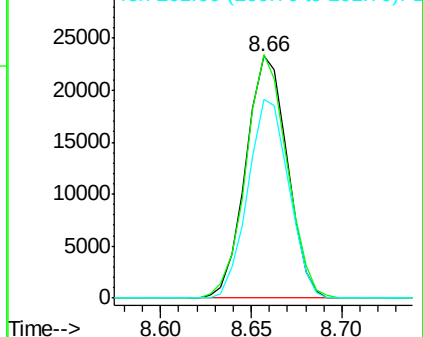


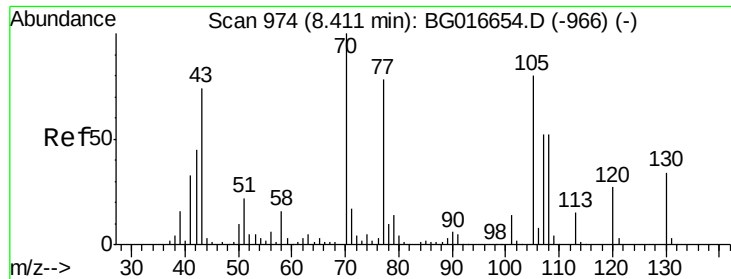
Abundance

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

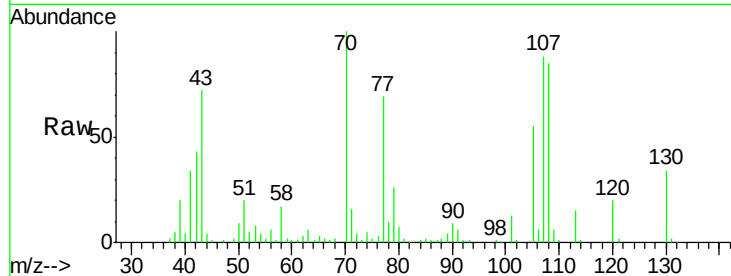




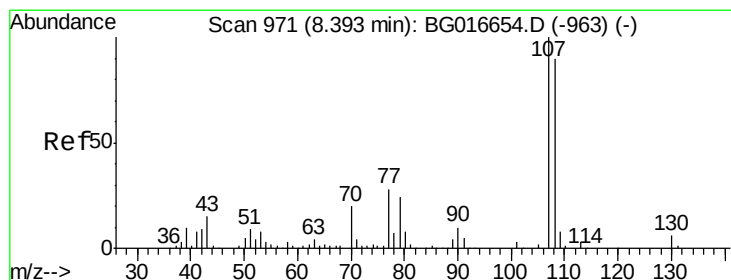
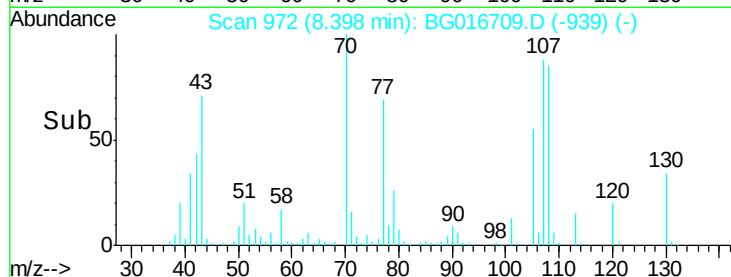
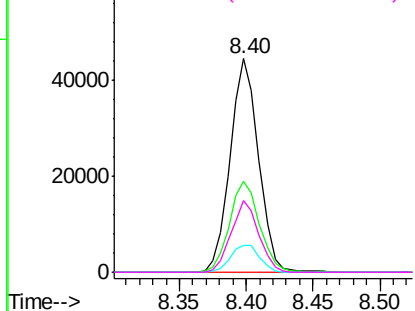
#19
n-Nitroso-di-n-propylamine
Concen: 33.93 ng
RT: 8.40 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

Instrument :
BNA_G
ClientSampleId :
PB83003BSD

Tot 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

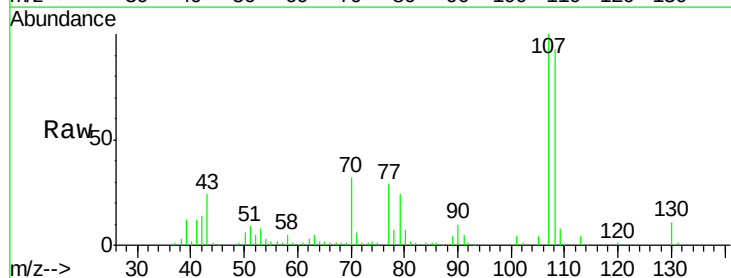


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

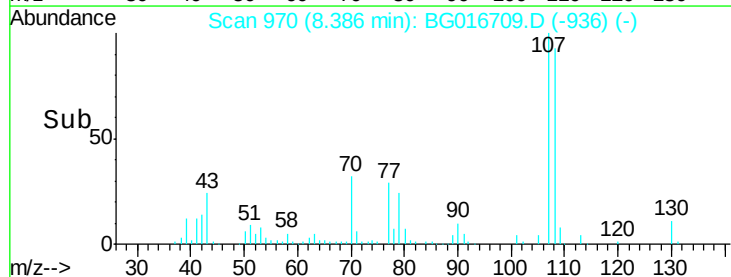
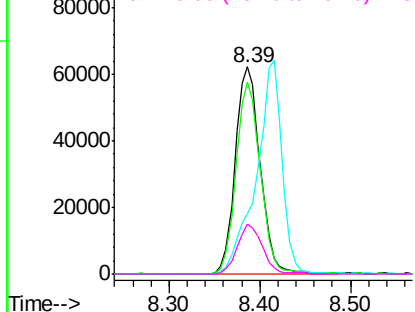


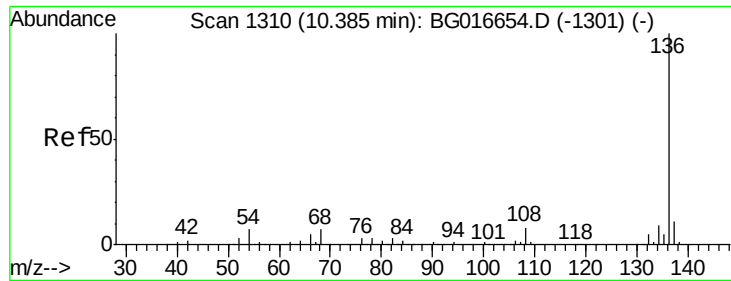
#20
3+4-Methylphenols
Concen: 38.63 ng
RT: 8.39 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

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

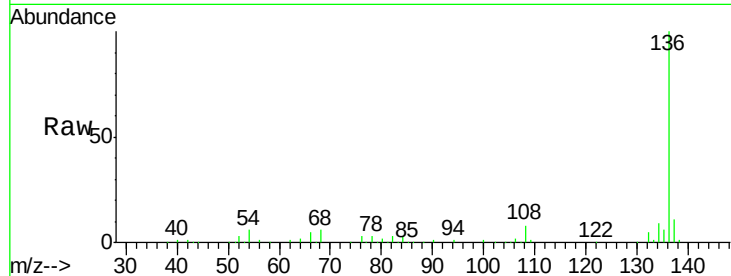




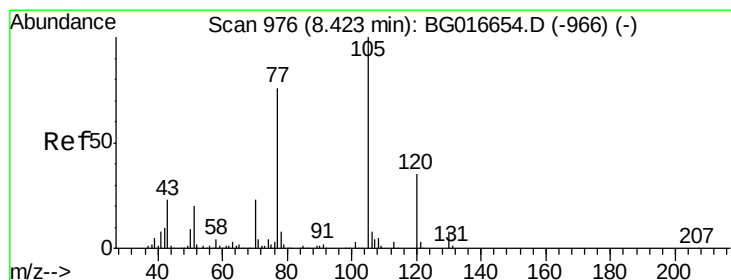
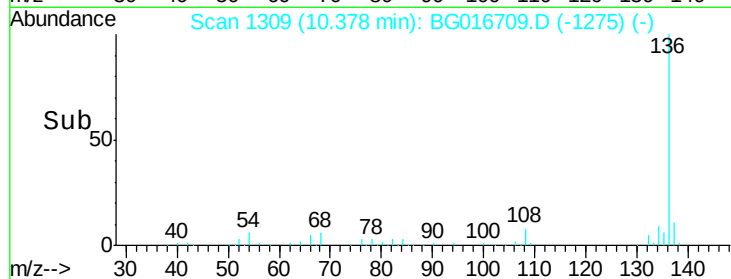
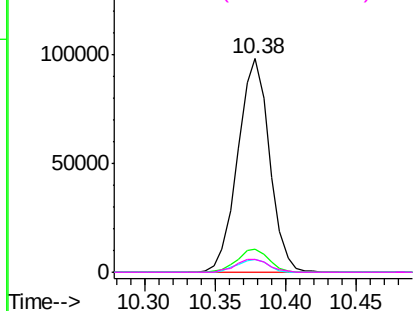
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.38 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

Instrument :
BNA_G
ClientSampleId :
PB83003BSD

Tot 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

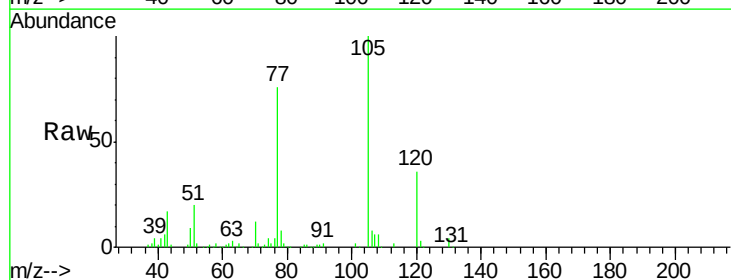


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

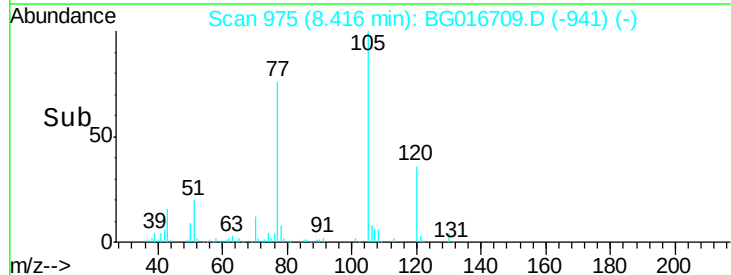
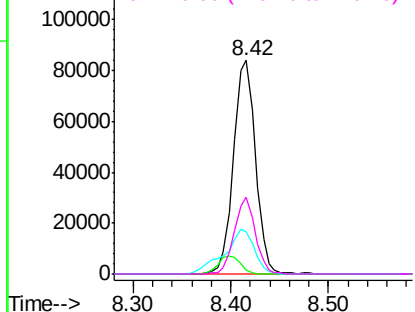


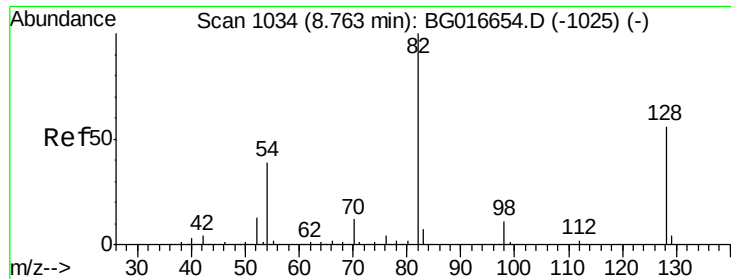
#22
Acetophenone
Concen: 39.12 ng
RT: 8.42 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

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

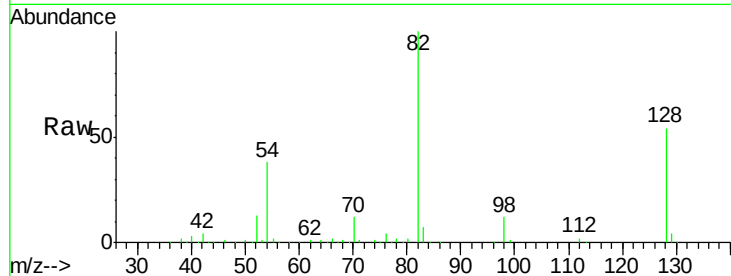




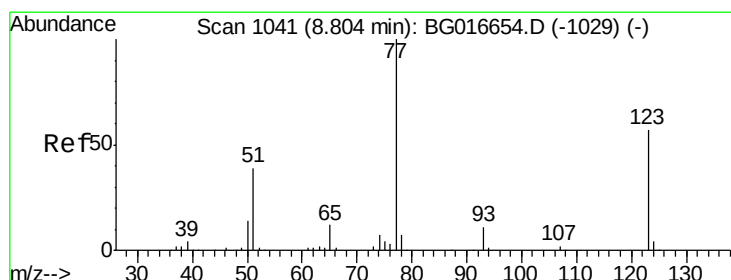
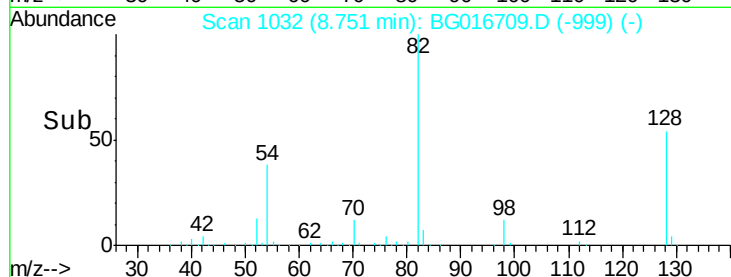
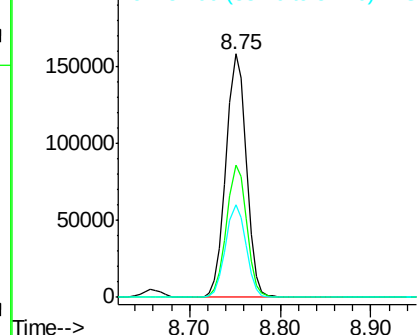
#23
 Nitrobenzene-d5
 Concen: 101.48 ng
 RT: 8.75 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

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

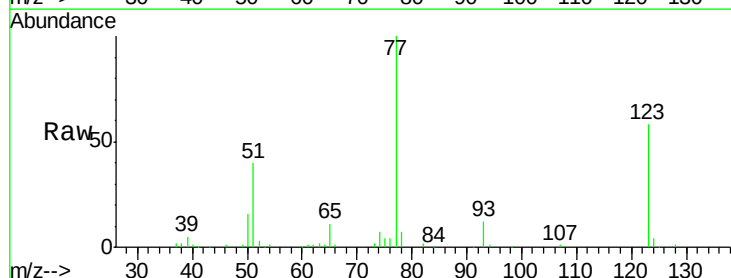


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

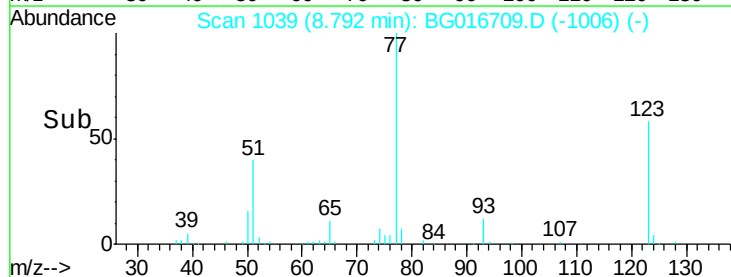
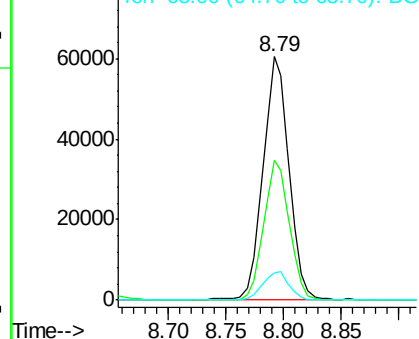


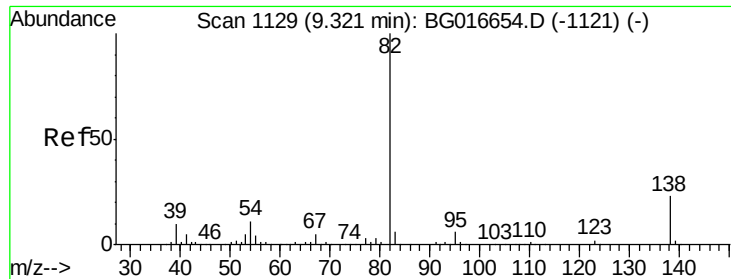
#24
 Nitrobenzene
 Concen: 37.32 ng
 RT: 8.79 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

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

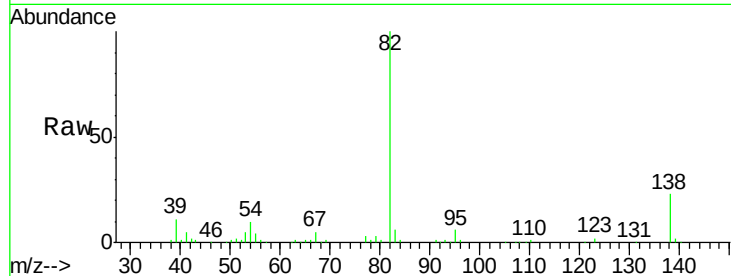
Tot Ion: 82 Resp: 179807

Ion Ratio Lower Upper

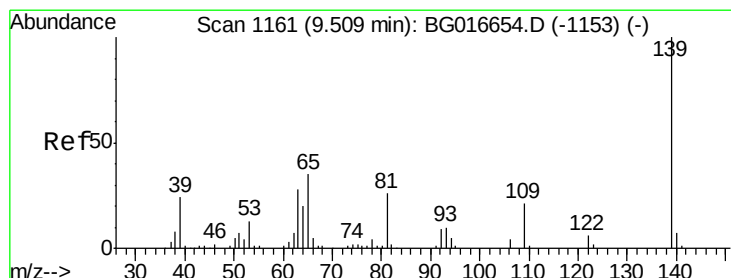
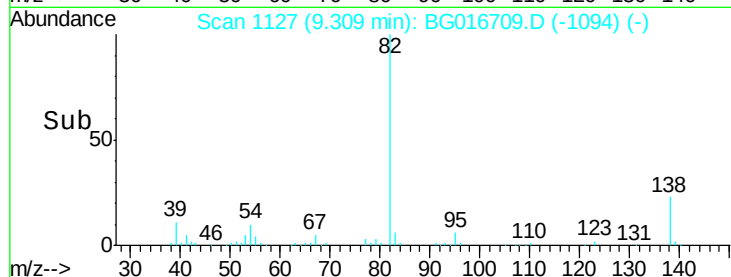
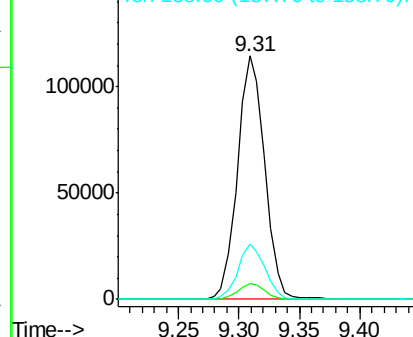
82 100

95 6.3 5.0 7.6

138 23.0 18.2 27.2



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



#26

2-Nitrophenol

Concen: 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

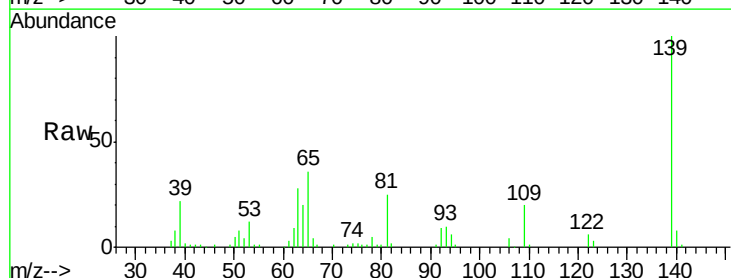
Tgt Ion: 139 Resp: 56373

Ion Ratio Lower Upper

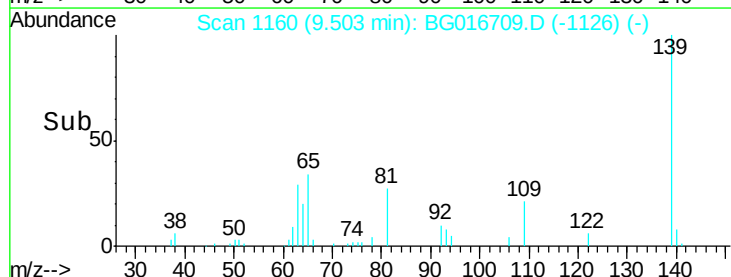
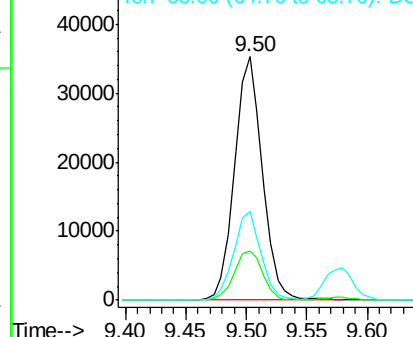
139 100

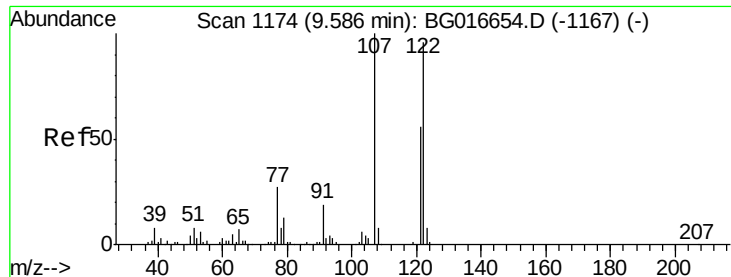
109 20.0 17.0 25.6

65 36.2 28.2 42.4



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





#27

2,4-Dimethylphenol

Concen: 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

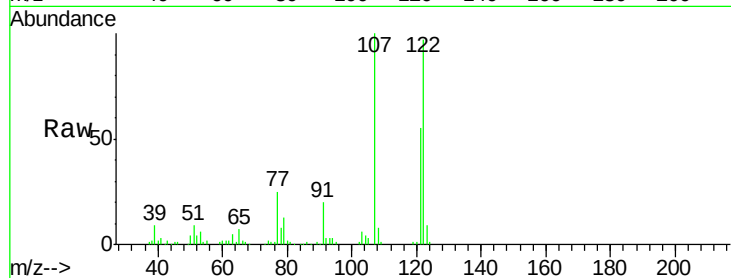
Tot Ion:122 Resp: 102556

Ion Ratio Lower Upper

122 100

107 102.9 83.6 125.4

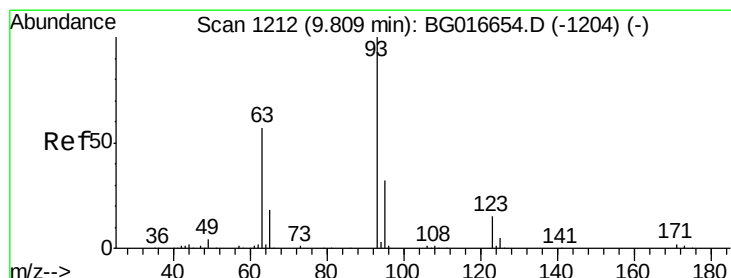
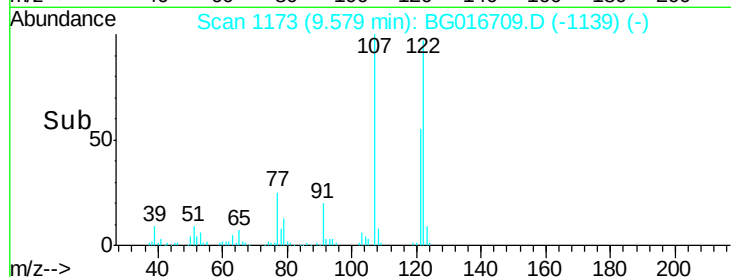
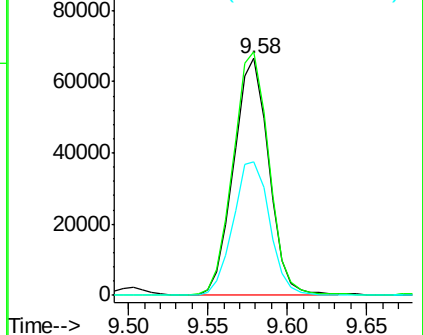
121 56.4 46.8 70.2



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

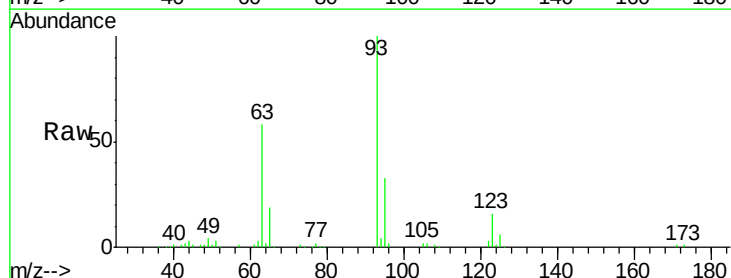
Tgt Ion: 93 Resp: 116501

Ion Ratio Lower Upper

93 100

95 32.8 25.4 38.2

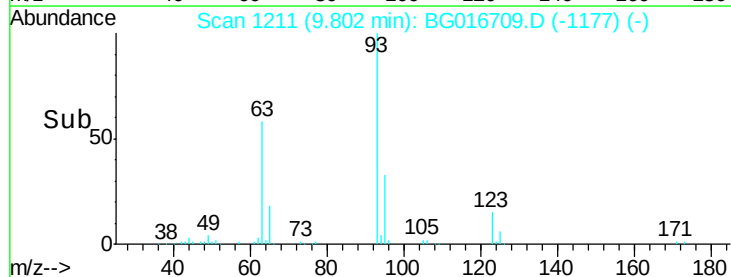
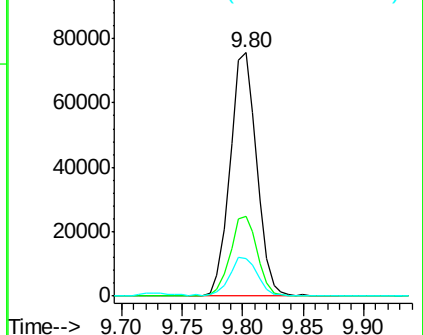
123 15.6 12.2 18.4

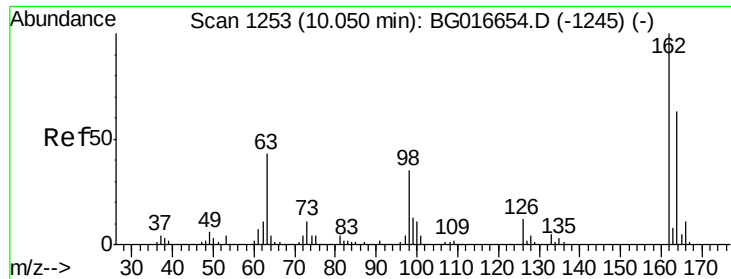


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

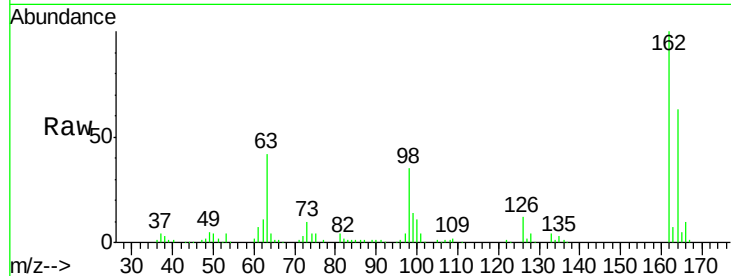




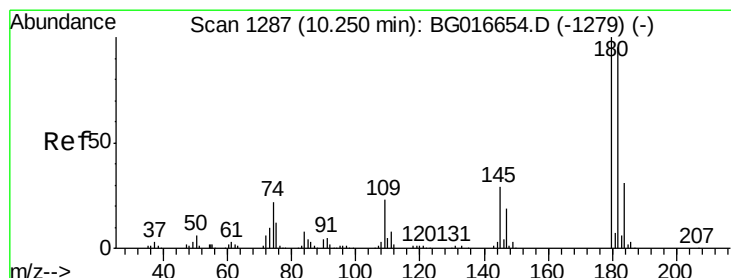
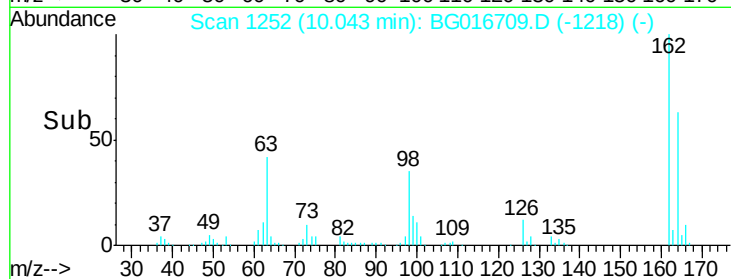
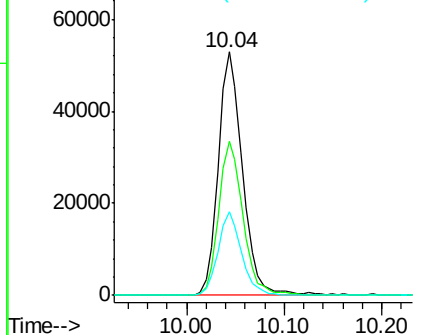
#29
 2,4-Dichlorophenol
 Concen: 43.19 ng
 RT: 10.04 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

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

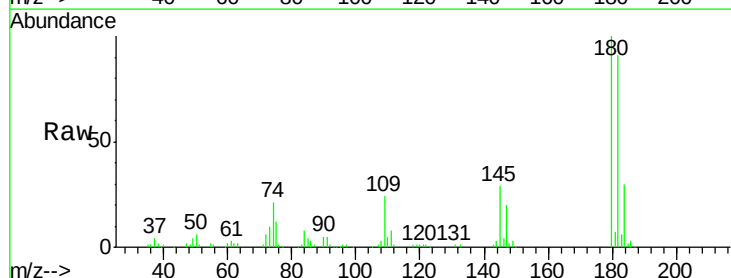


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

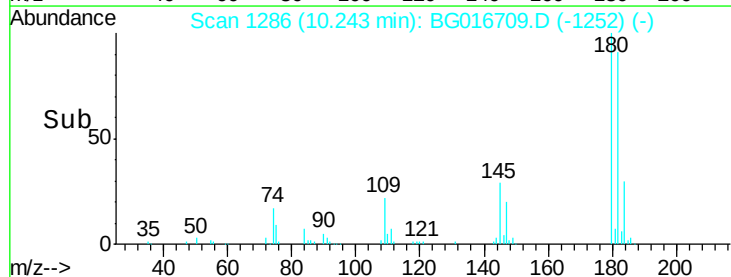
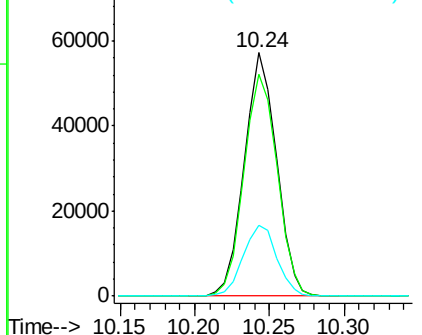


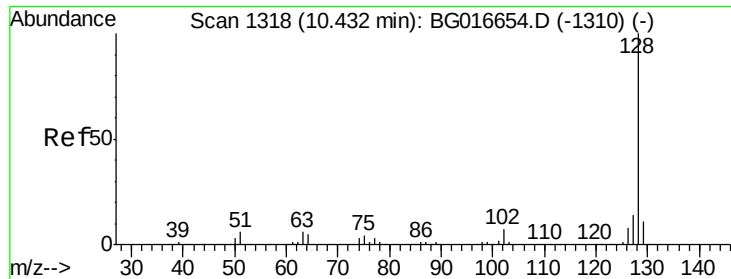
#30
 1,2,4-Trichlorobenzene
 Concen: 38.30 ng
 RT: 10.24 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

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

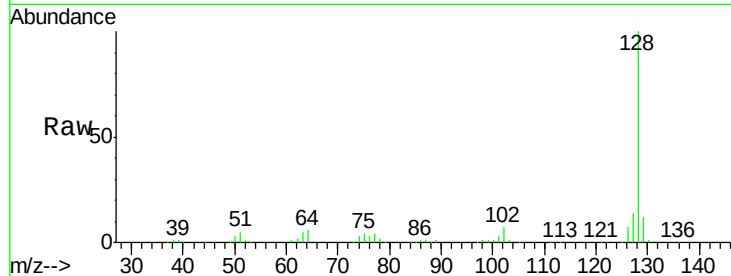
Tot Ion:128 Resp: 308683

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

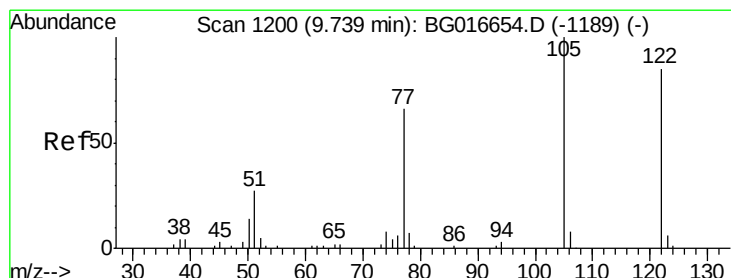
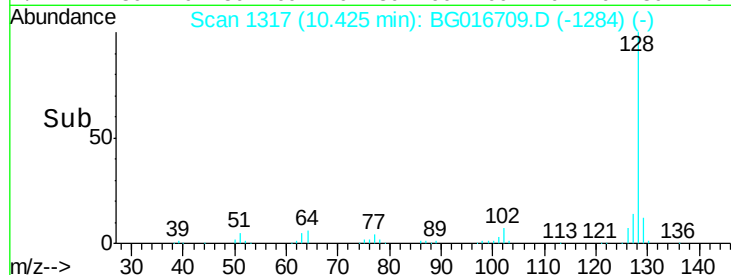
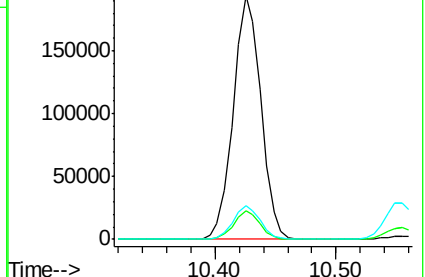
127 13.8 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 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

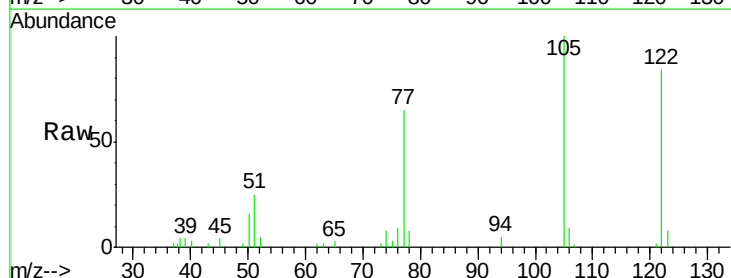
Tgt Ion:122 Resp: 29093

Ion Ratio Lower Upper

122 100

105 118.6 97.2 137.2

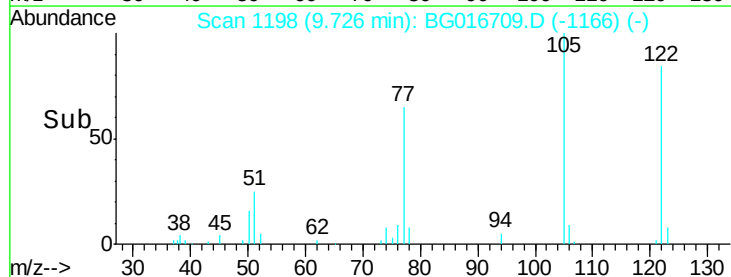
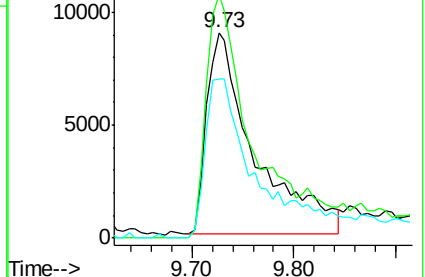
77 77.7 58.4 98.4

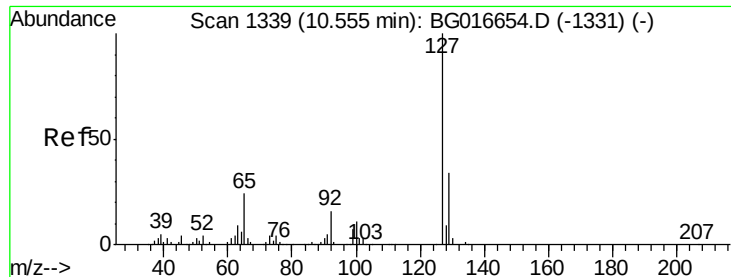


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

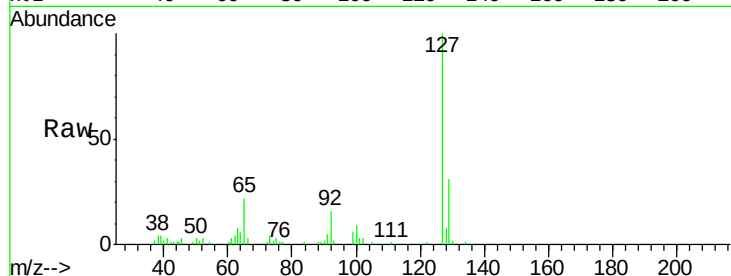




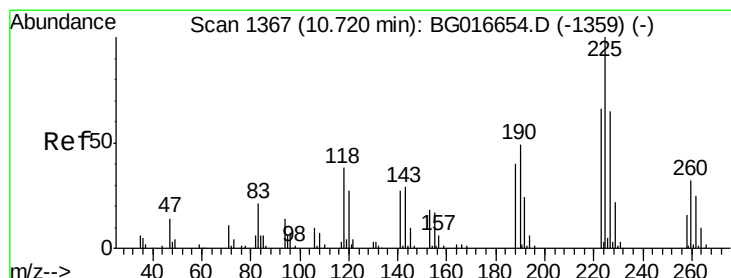
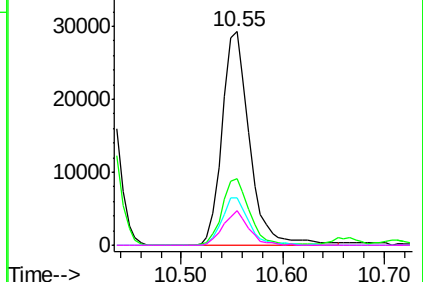
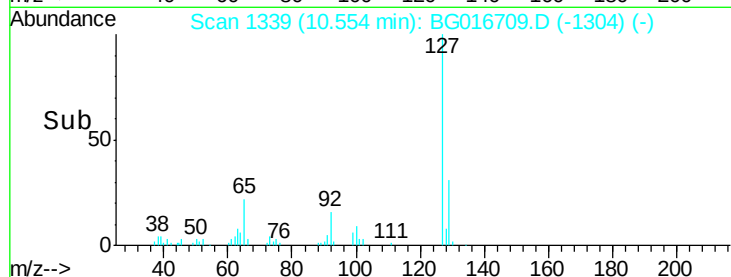
#33
4-Chloroaniline
Concen: 14.80 ng
RT: 10.55 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

Instrument :
BNA_G
ClientSampleId :
PB83003BSD

Tot 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

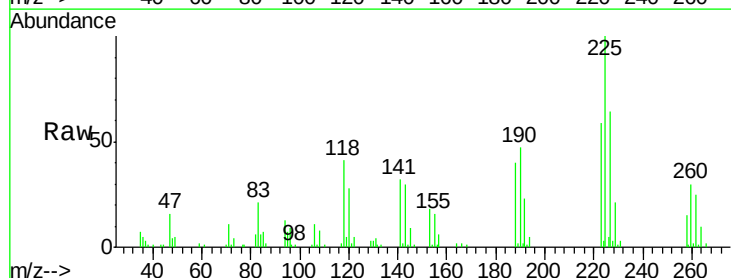


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

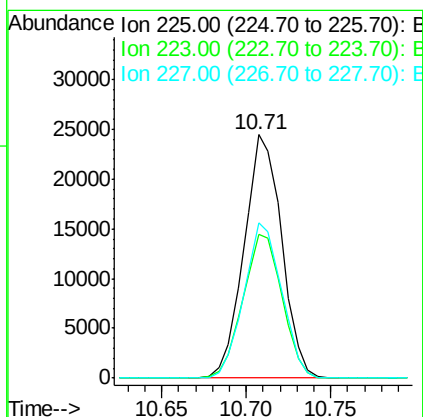
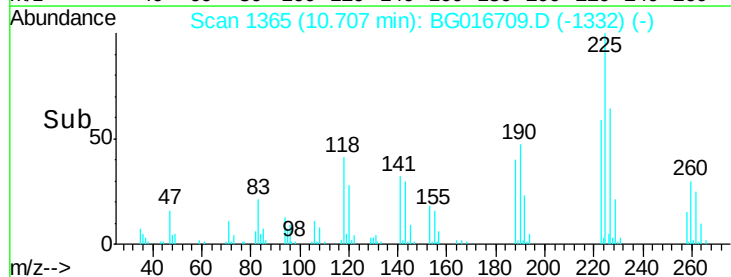


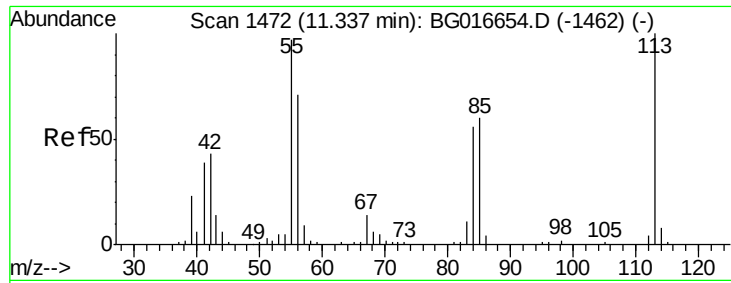
#34
Hexachlorobutadiene
Concen: 38.00 ng
RT: 10.71 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

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

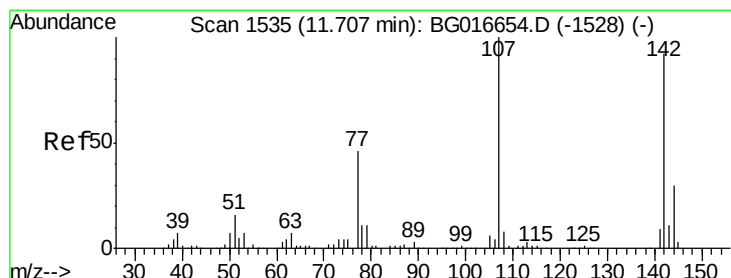
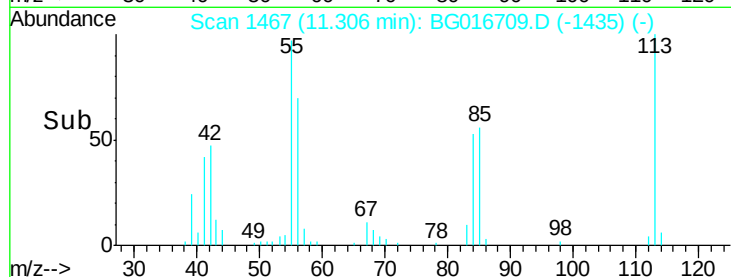
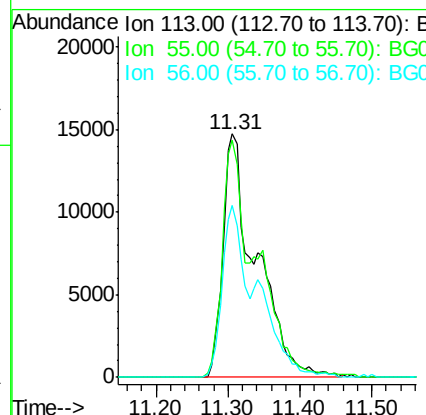
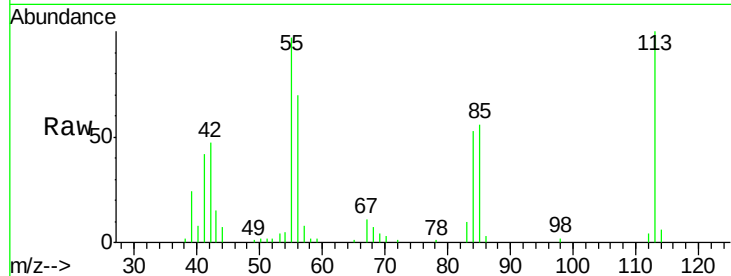




#35
 Caprolactam
 Concen: 41.61 ng/ml
 RT: 11.31 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

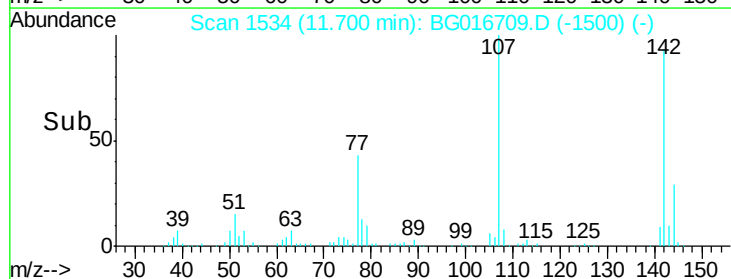
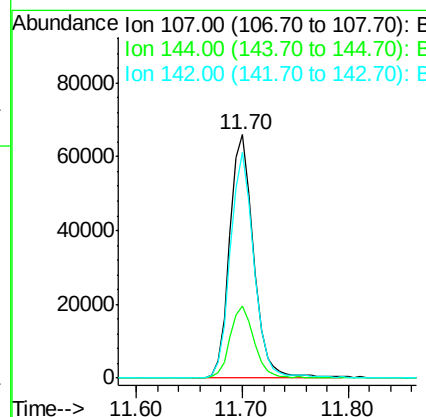
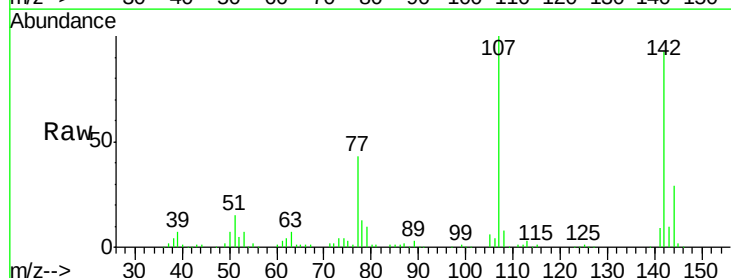
Instrument :
 BNA_G
 ClientSampleID :
 PB83003BSD

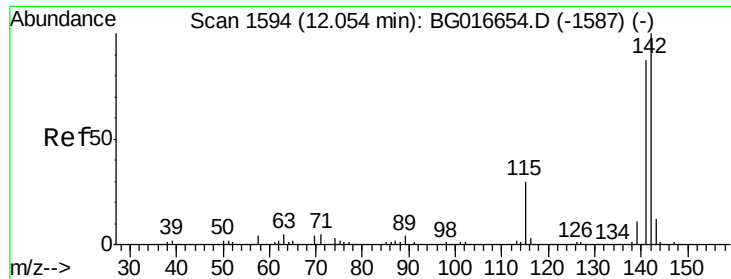
Tot Ion: 113 Resp: 47207
 Ion Ratio Lower Upper
 113 100
 55 97.4 77.1 117.1
 56 70.4 51.4 91.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.31 ng/ml
 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

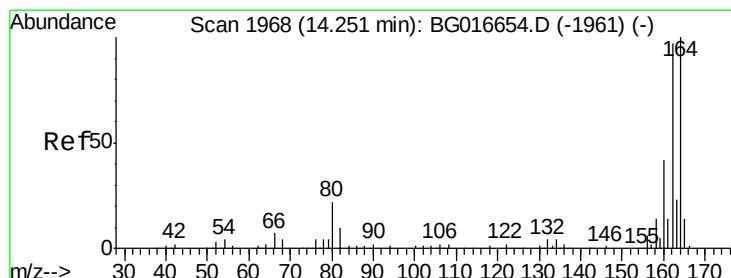
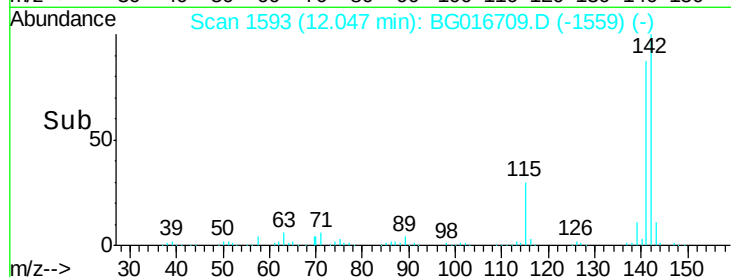
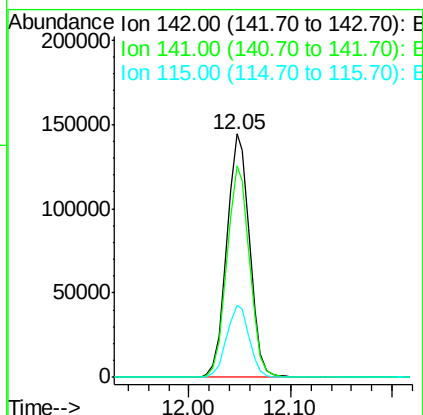
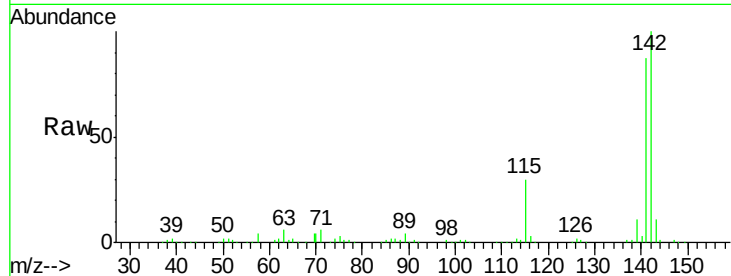




#37
2-Methylnaphthalene
Concen: 38.41 ng
RT: 12.05 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

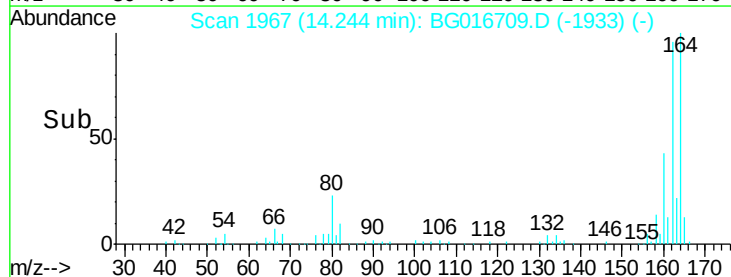
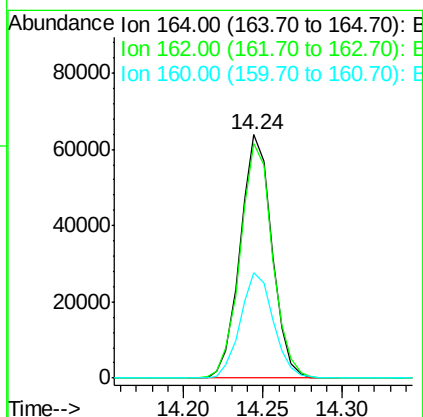
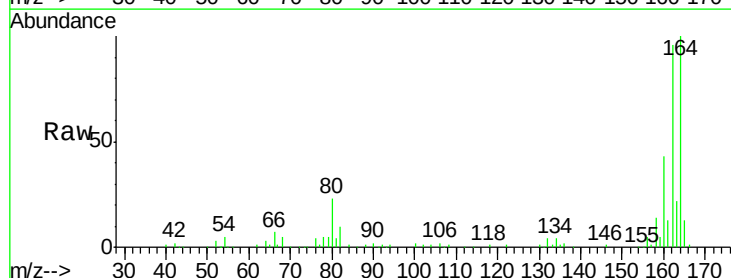
Instrument :
BNA_G
ClientSampleId :
PB83003BSD

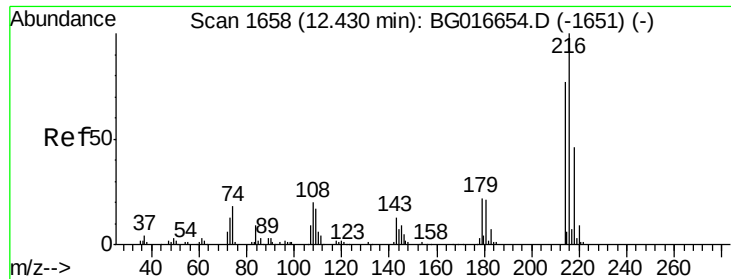
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.7	69.9	104.9
115	29.6	24.0	36.0



#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	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

Tot Ion:216 Resp: 80376

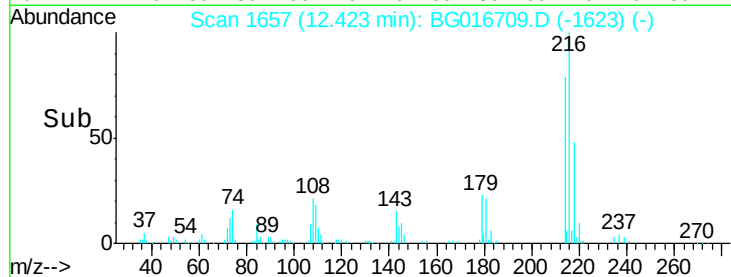
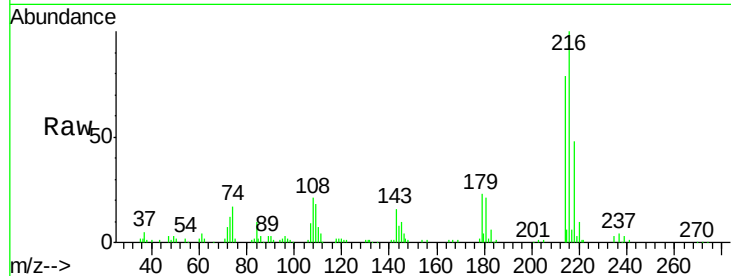
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.8
179	23.0	17.6	26.4
108	23.7	18.1	27.1

Abundance Ion 216.00 (215.70 to 216.70): E

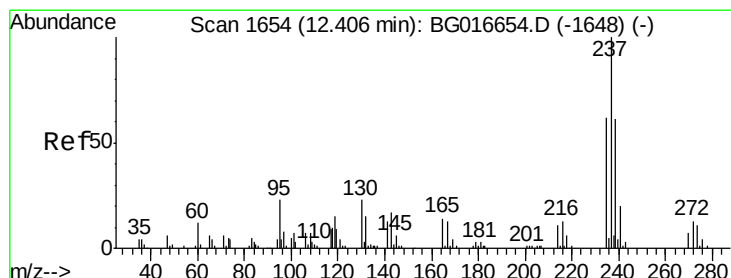
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#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

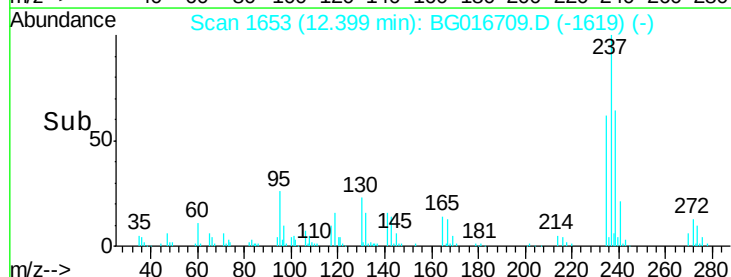
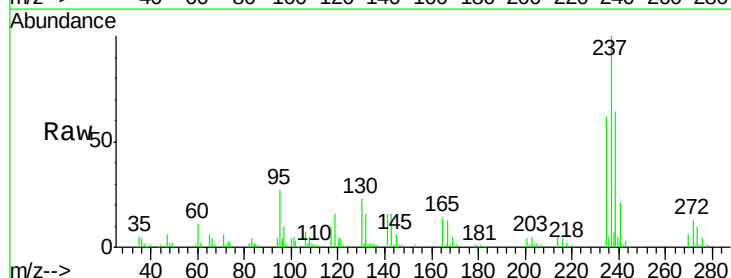
Tgt Ion:237 Resp: 54928

Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.2	82.2
272	13.4	0.0	32.8

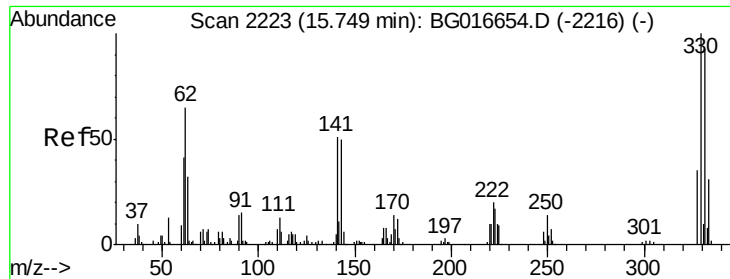
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



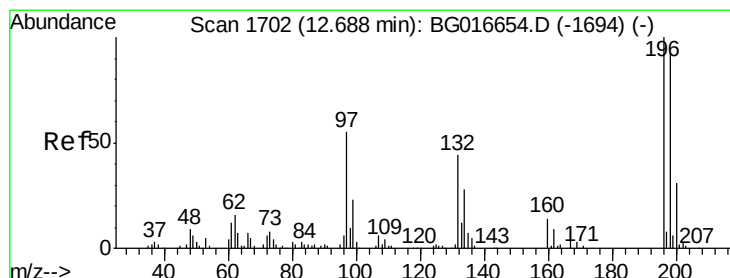
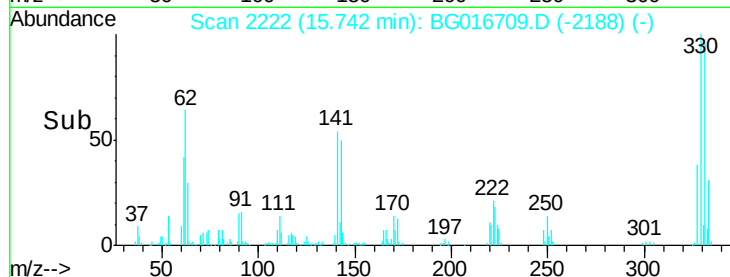
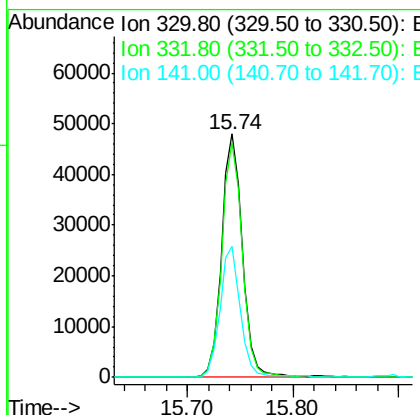
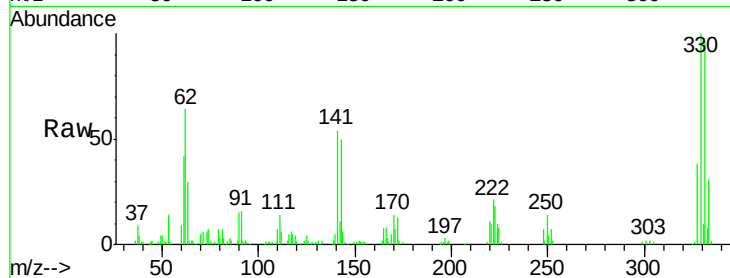
Time-->



#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

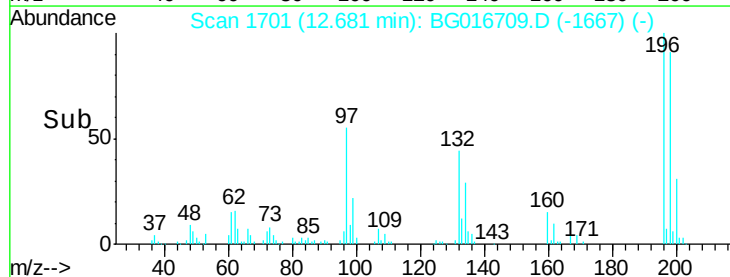
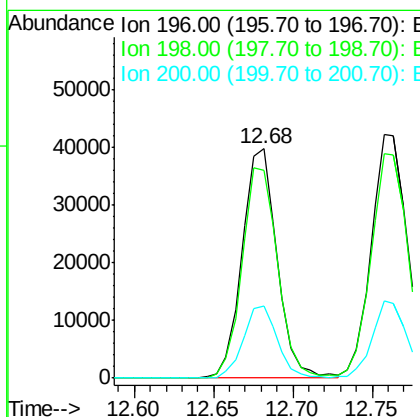
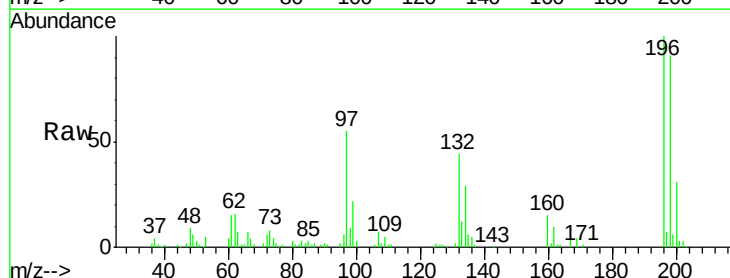
Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

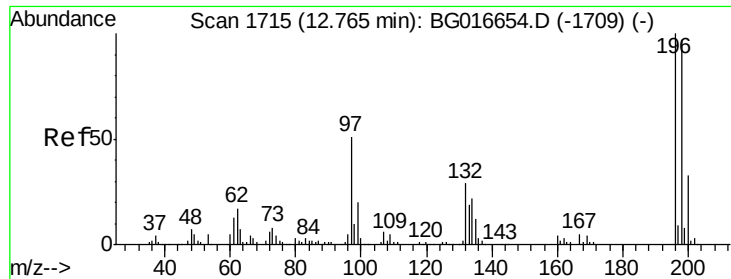
Tot Ion:330 Resp: 65777
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.2 114.4
 141 52.8 43.0 64.6



#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

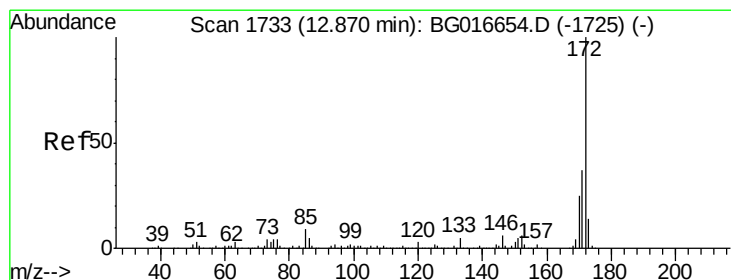
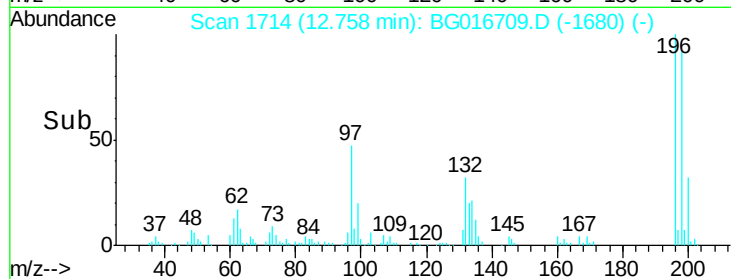
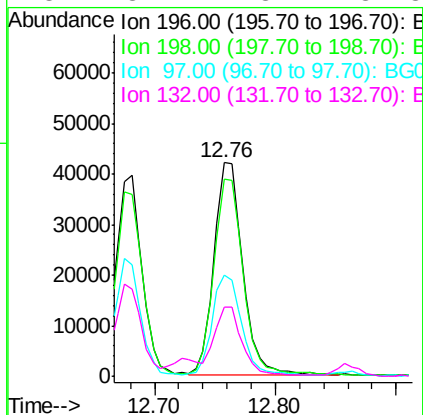
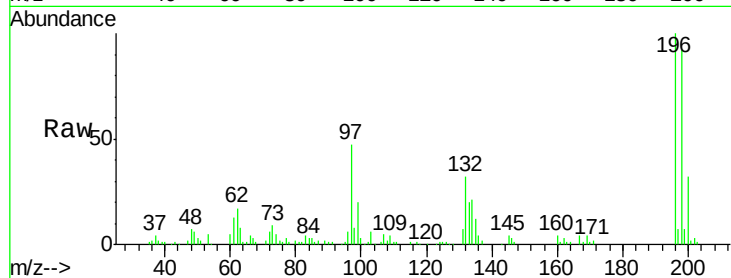




#43
 2,4,5-Trichlorophenol
 Concen: 42.44 ng
 RT: 12.76 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

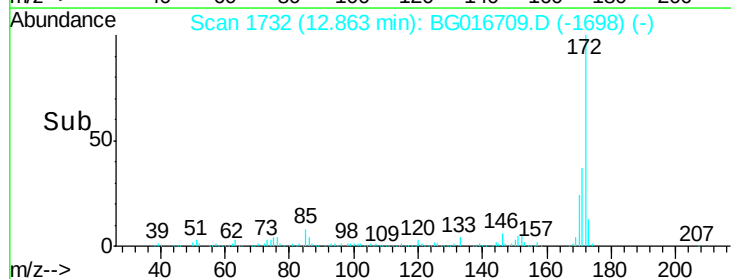
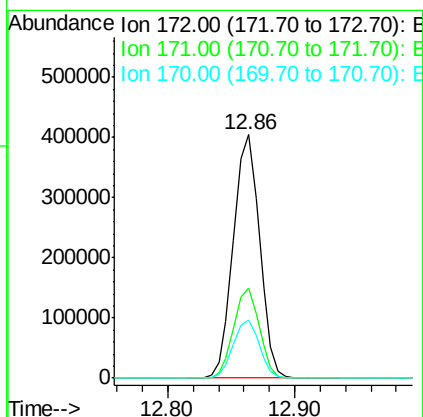
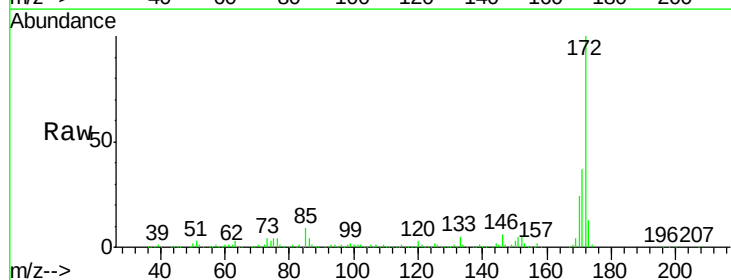
Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

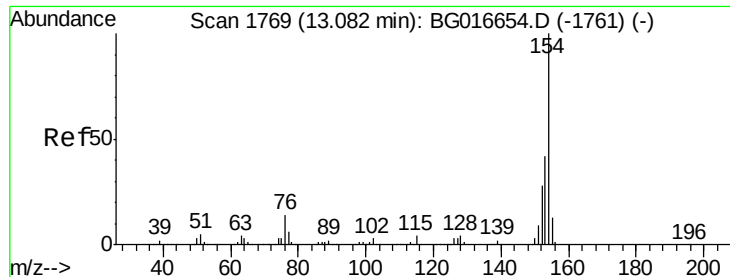
Tot Ion	196	Resp	68837
Ion	Ratio	Lower	Upper
196	100		
198	92.3	77.4	116.0
97	47.5	40.9	61.3
132	32.2	23.2	34.8



#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

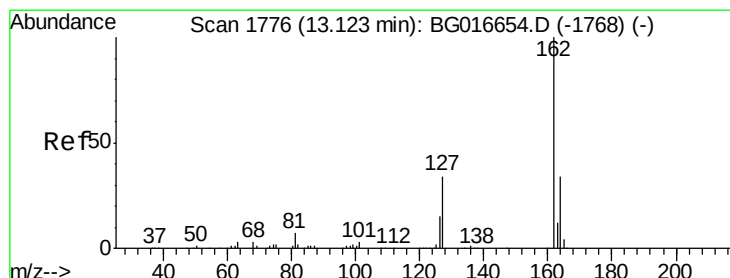
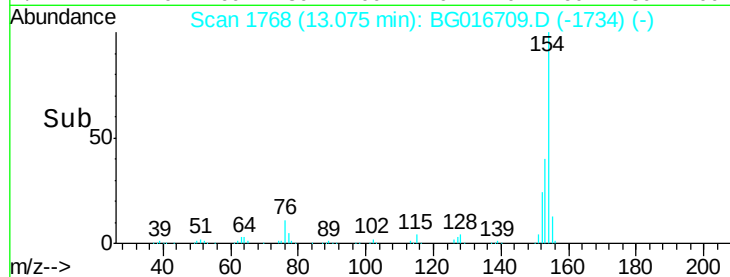
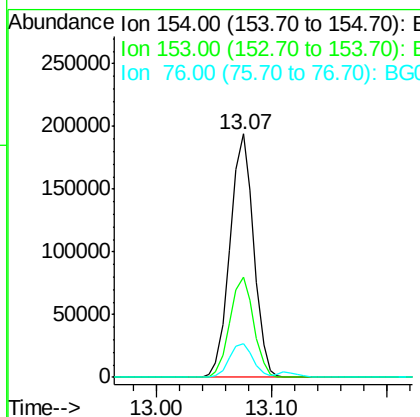
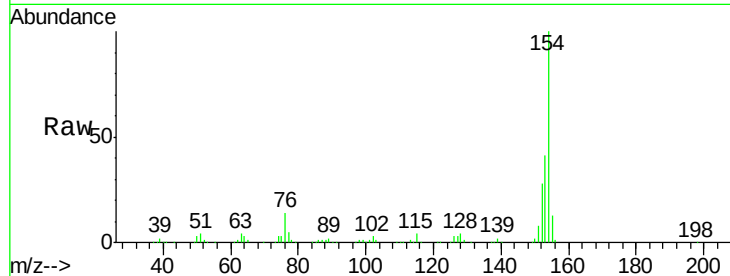




#45
 1,1'-Biphenyl
 Concen: 39.60 ng
 RT: 13.07 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

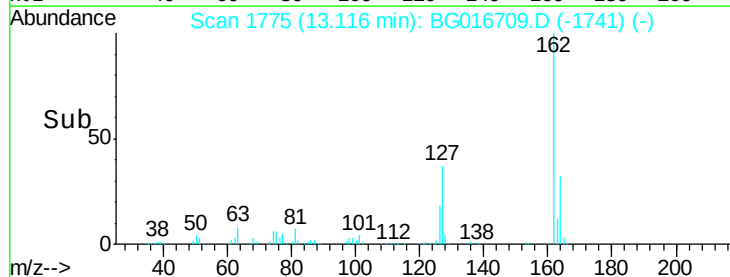
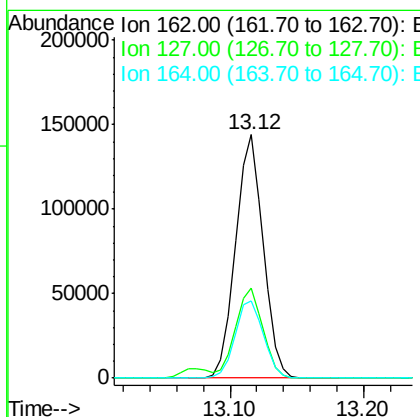
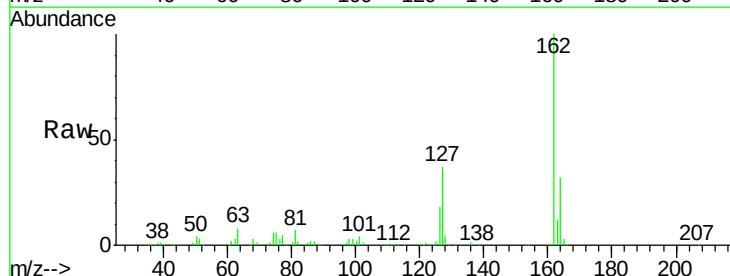
Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

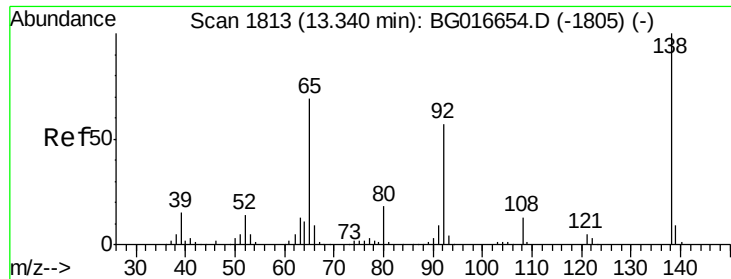
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.8	61.8
76	13.6	0.0	33.7



#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

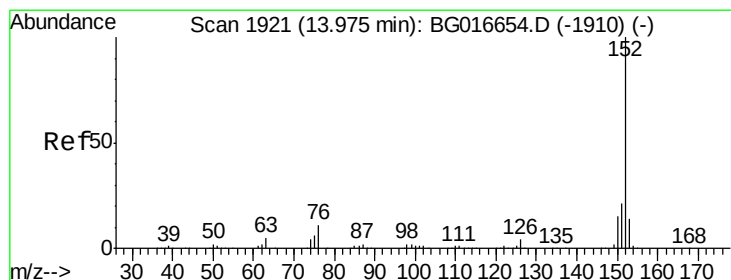
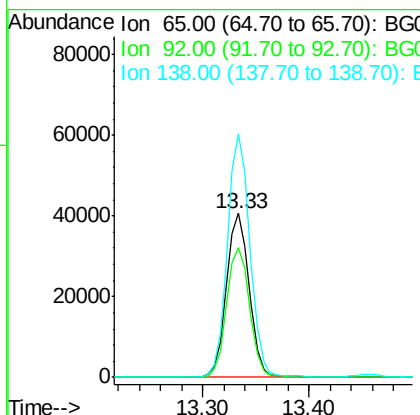
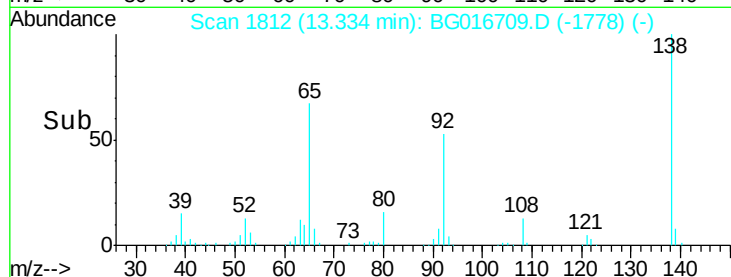
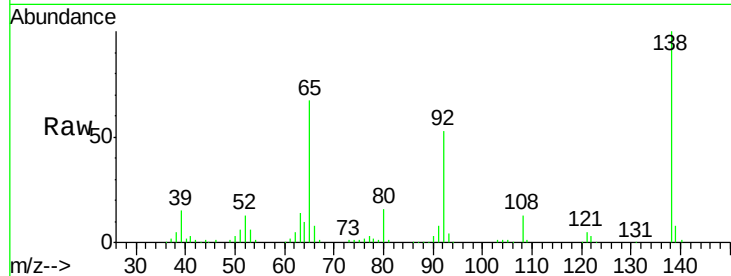




#47
 2-Nitroaniline
 Concen: 41.69 ng
 RT: 13.33 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

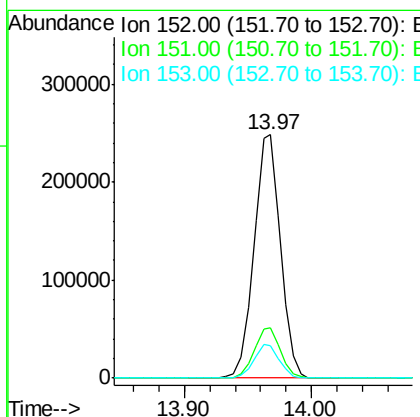
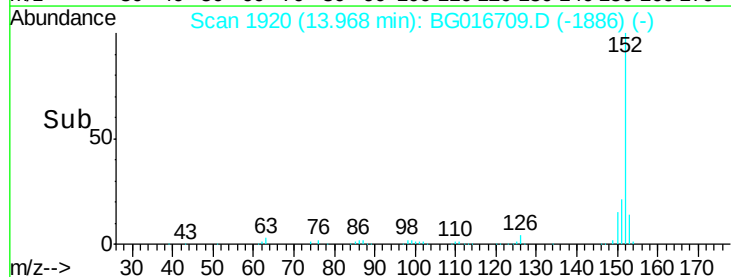
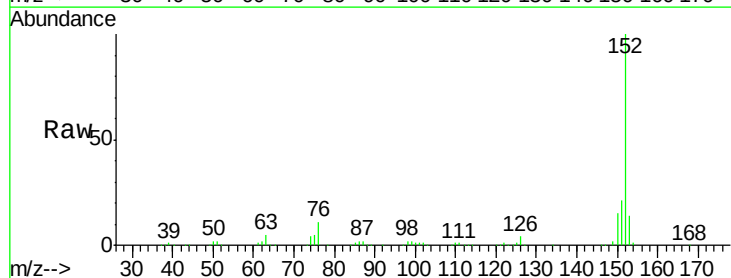
Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

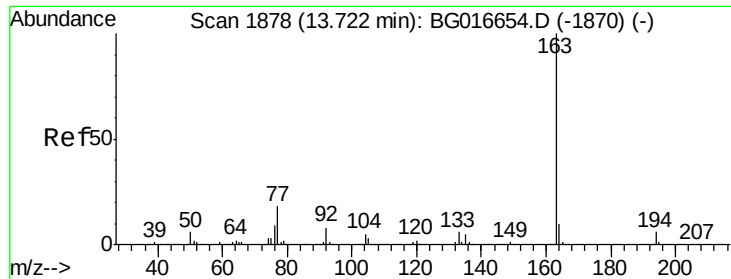
Tot Ion: 65 Resp: 60452
 Ion Ratio Lower Upper
 65 100
 92 79.3 65.9 98.9
 138 148.6 115.4 173.2



#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

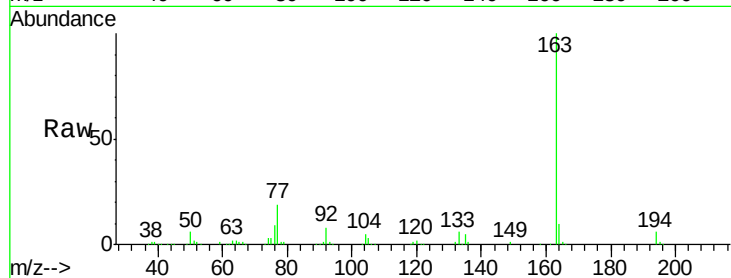
Tot Ion:163 Resp: 256235

Ion Ratio Lower Upper

163 100

194 6.3 5.0 7.4

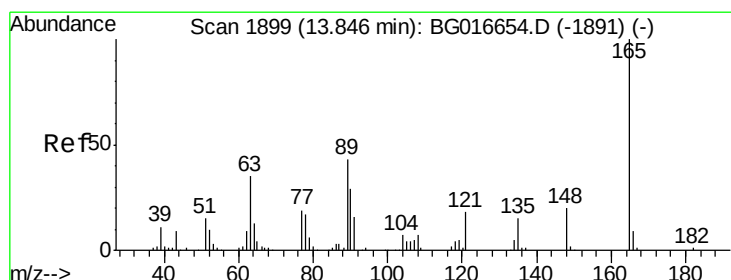
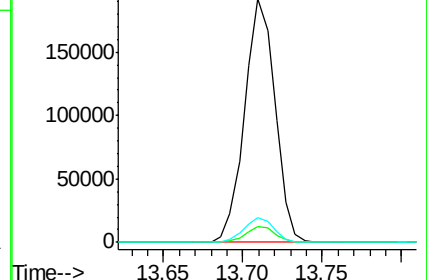
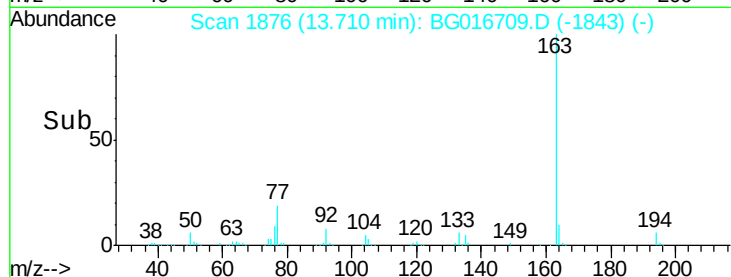
164 10.2 7.8 11.8



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

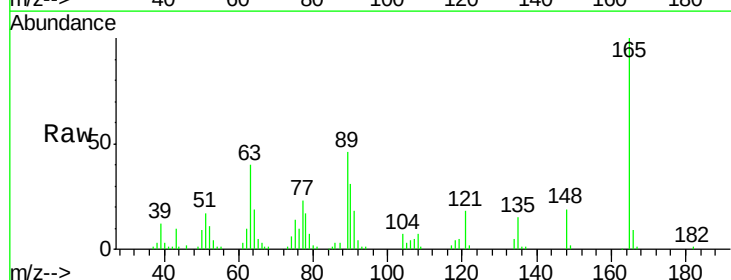
Tgt Ion:165 Resp: 64977

Ion Ratio Lower Upper

165 100

63 40.5 31.5 47.3

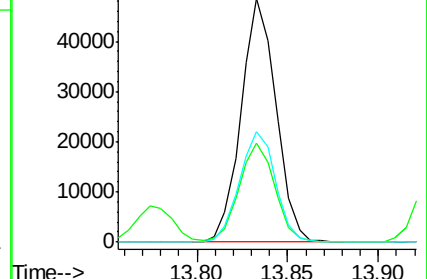
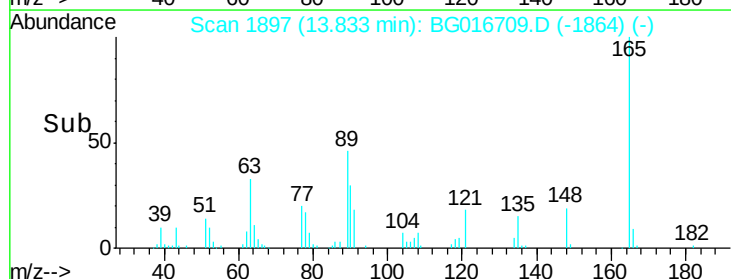
89 45.6 34.7 52.1

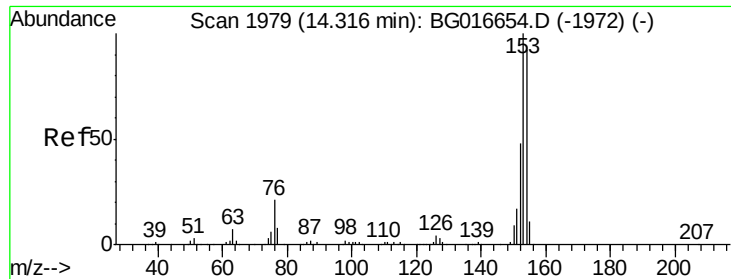


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#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

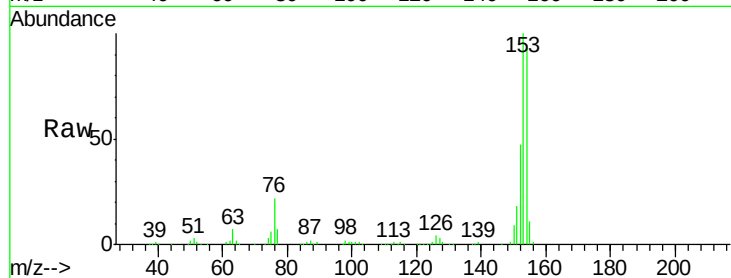
Tot Ion:154 Resp: 216251

Ion Ratio Lower Upper

154 100

153 107.5 87.0 130.6

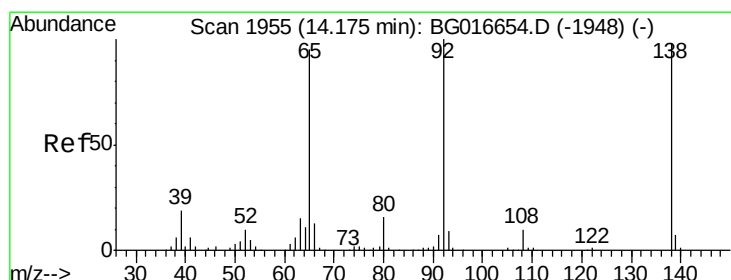
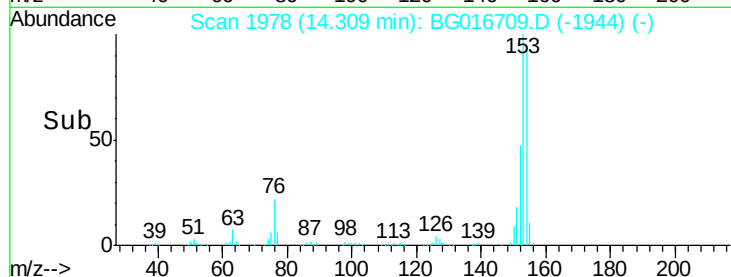
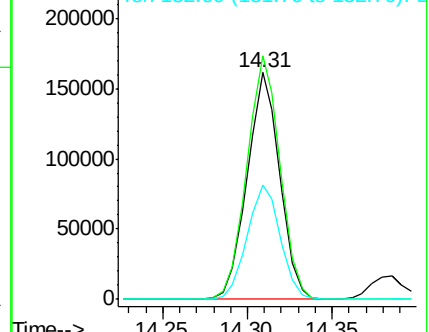
152 50.7 41.6 62.4



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

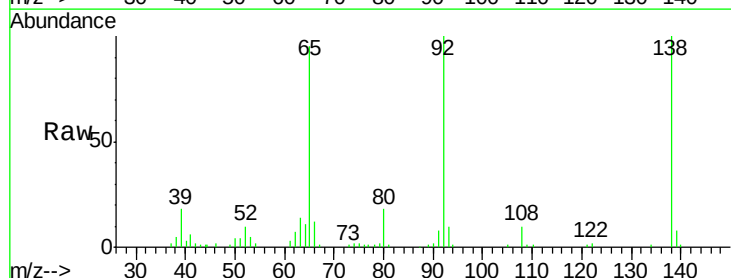
Tgt Ion:138 Resp: 53118

Ion Ratio Lower Upper

138 100

108 9.8 7.8 11.6

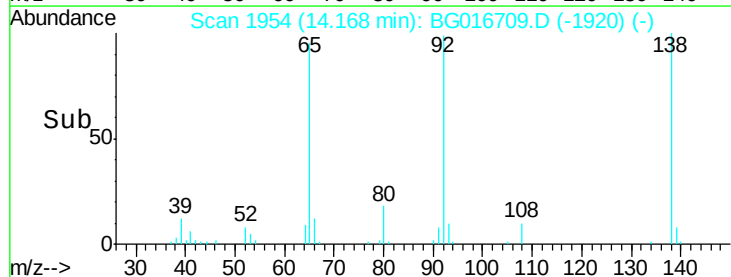
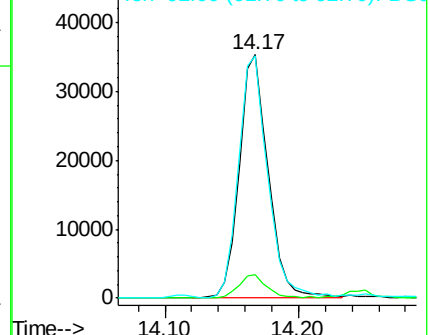
92 99.7 81.9 122.9

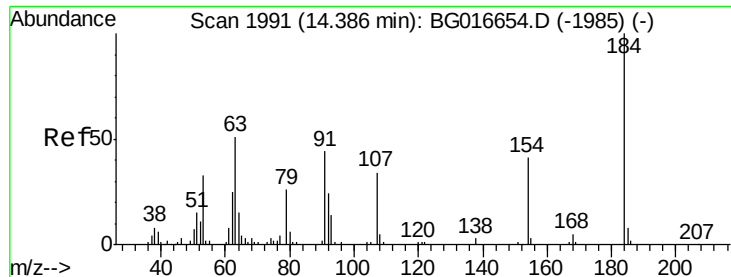


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

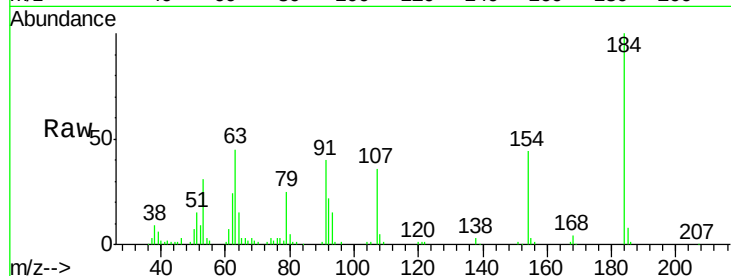




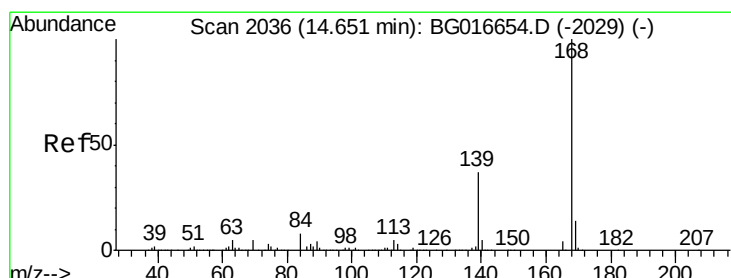
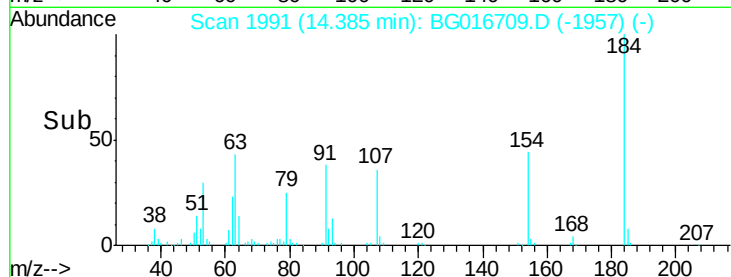
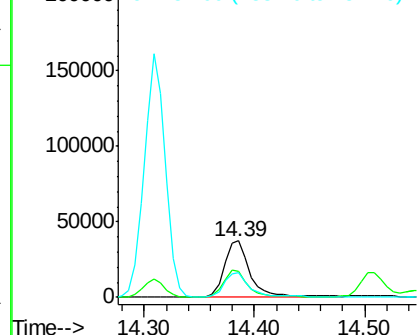
#53
 2,4-Dinitrophenol
 Concen: 70.87 ng
 RT: 14.39 min Scan# 1991
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

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

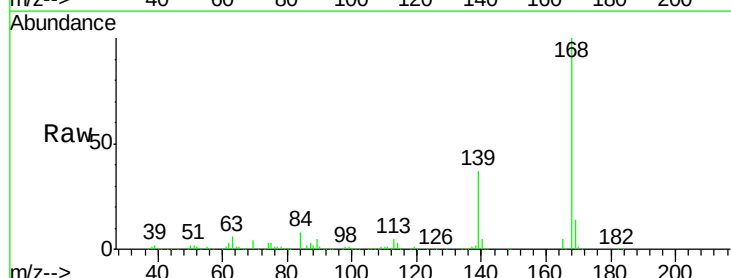


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 154.00 (153.70 to 154.70): E

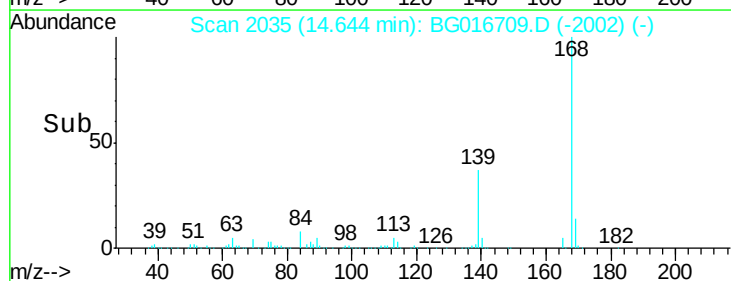
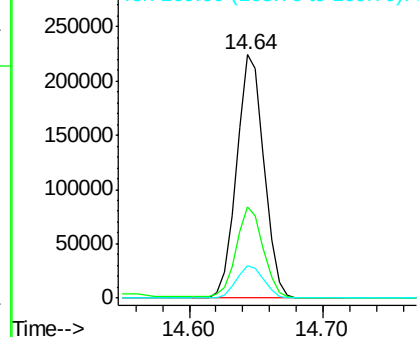


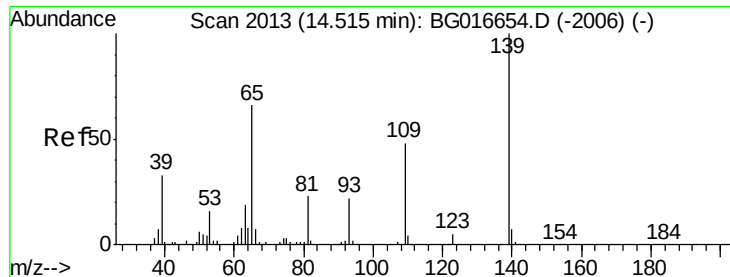
#54
 Dibenzofuran
 Concen: 40.51 ng
 RT: 14.64 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

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

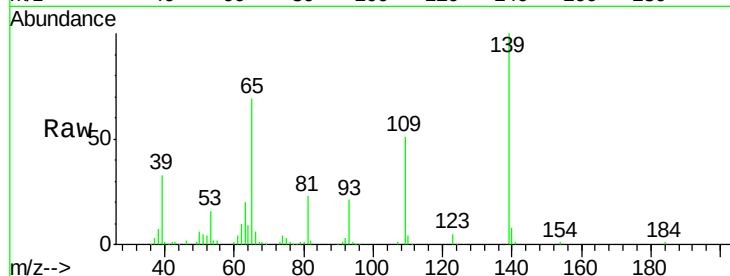
Tot Ion:139 Resp: 137602

Ion Ratio Lower Upper

139 100

109 50.9 27.8 67.8

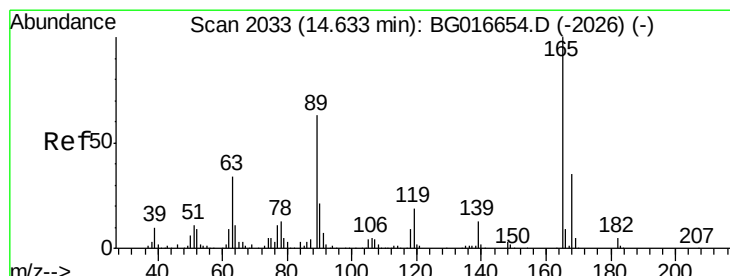
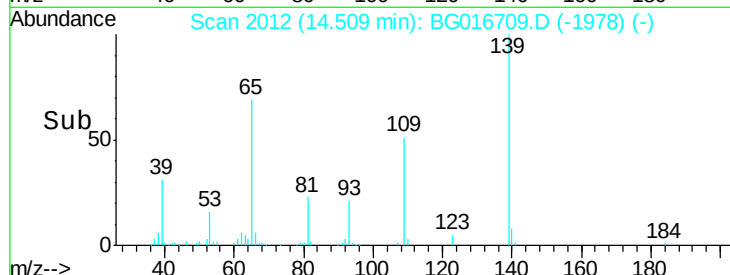
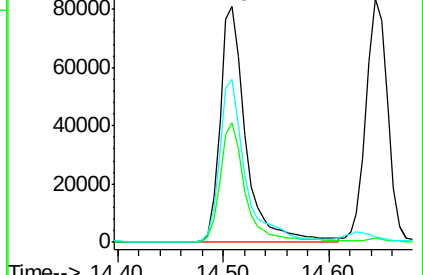
65 68.9 46.3 86.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#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

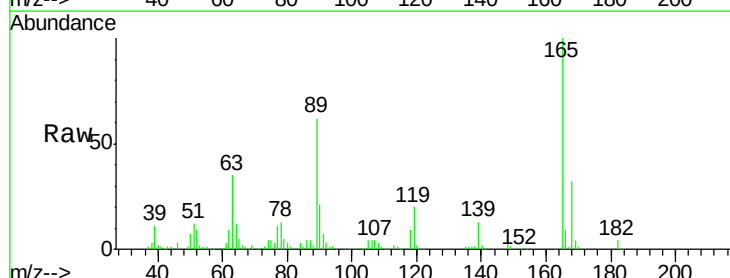
Ion Ratio Lower Upper

165 100

63 34.6 27.4 41.0

89 62.1 50.6 75.8

182 4.2 3.9 5.9

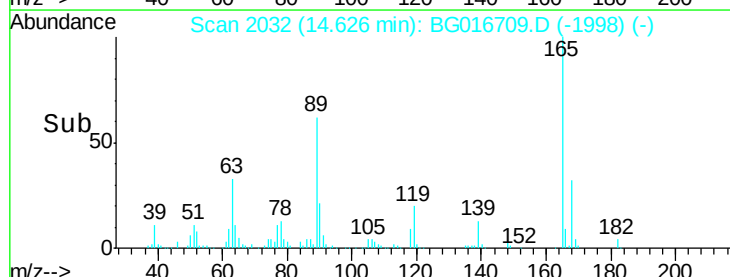
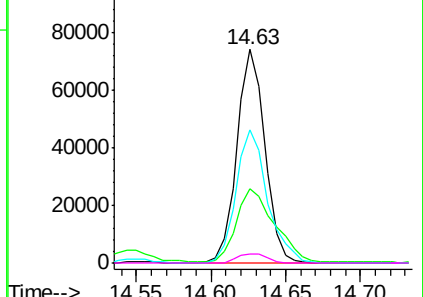


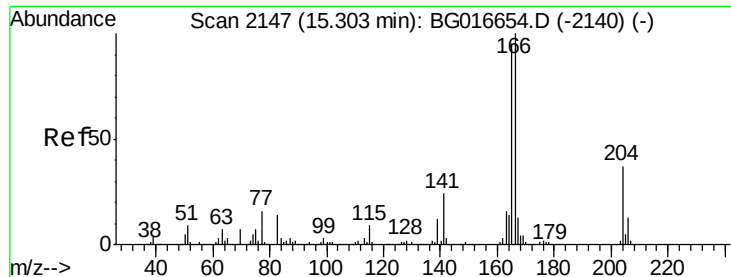
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

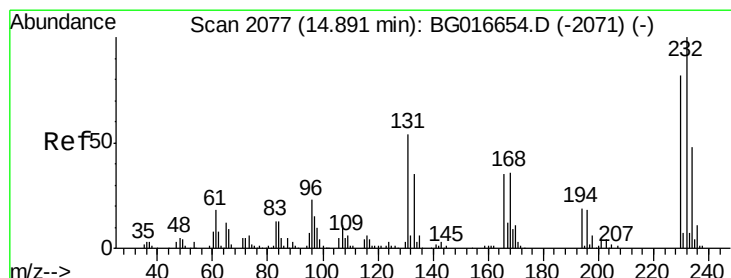
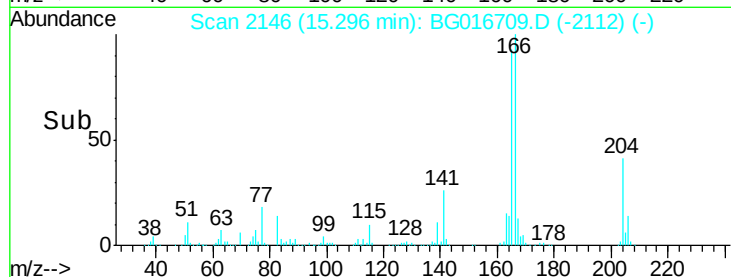
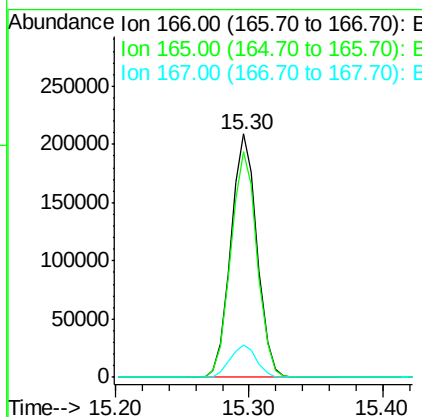
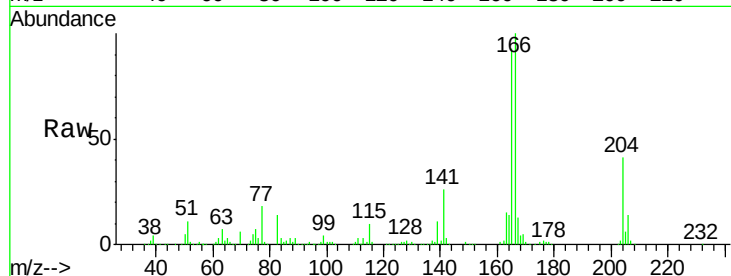




#57
 Fluorene
 Concen: 41.29 ng
 RT: 15.30 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

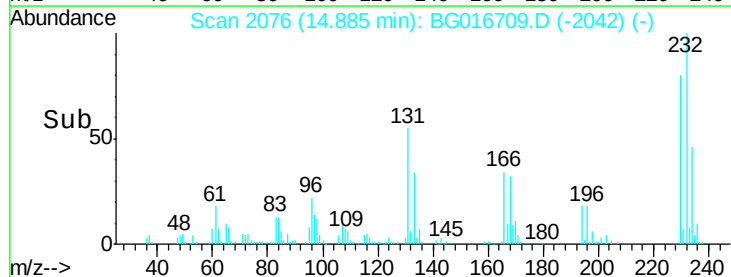
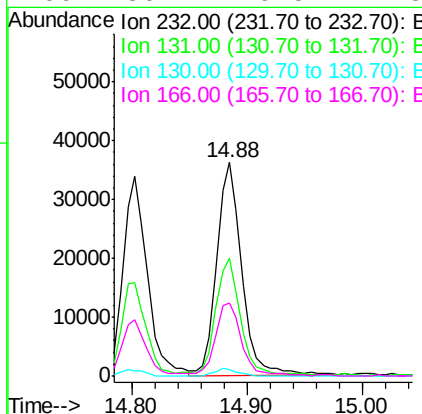
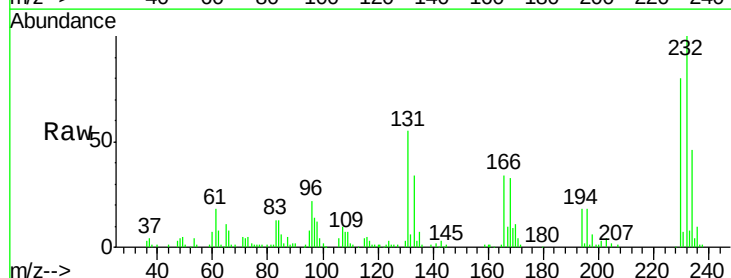
Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

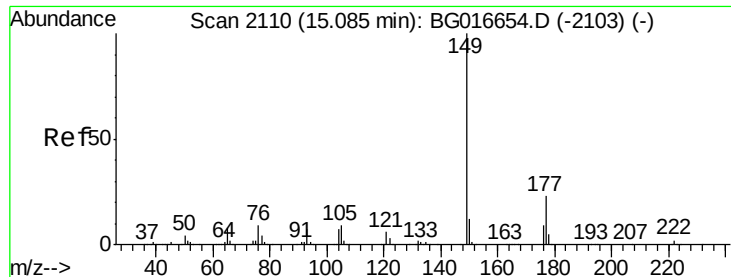
Tot Ion:166 Resp: 284468
 Ion Ratio Lower Upper
 166 100
 165 92.6 75.6 113.4
 167 13.3 10.7 16.1



#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

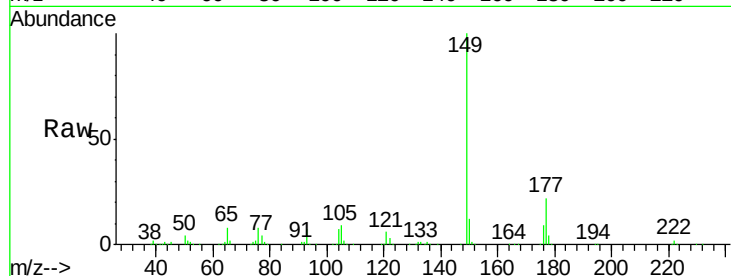
Tot Ion:149 Resp: 278271

Ion Ratio Lower Upper

149 100

177 22.3 18.2 27.2

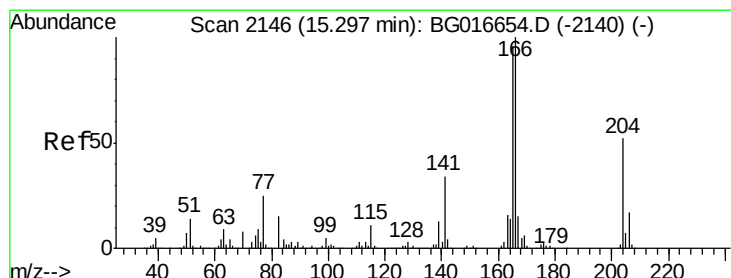
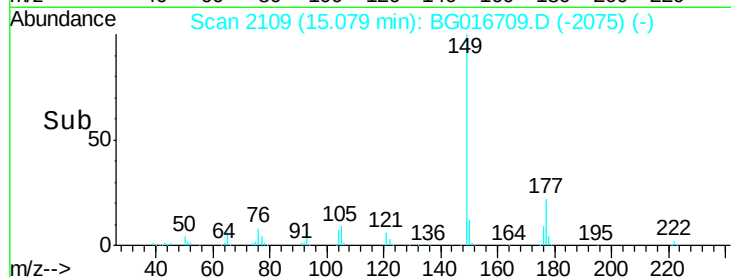
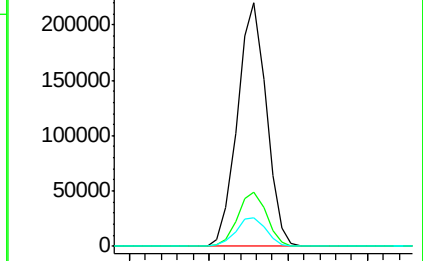
150 11.6 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#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

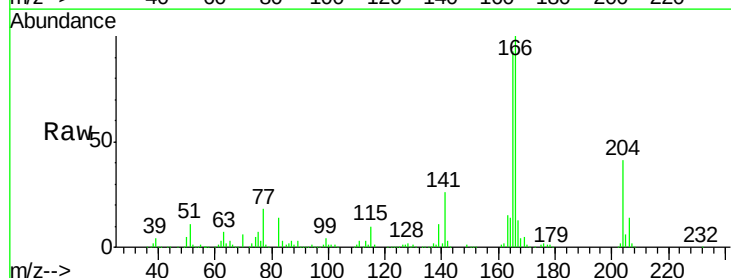
Tgt Ion:204 Resp: 111792

Ion Ratio Lower Upper

204 100

206 33.9 26.2 39.4

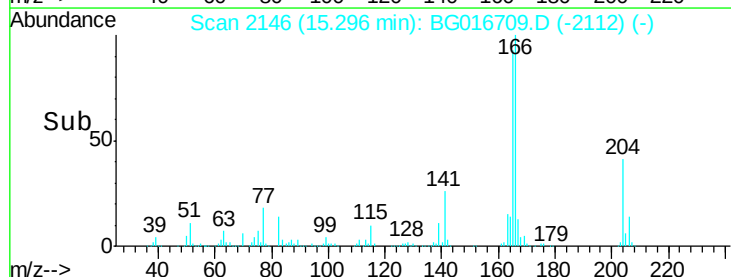
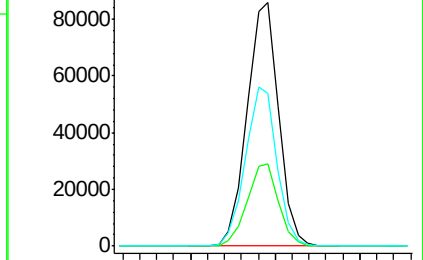
141 62.8 52.3 78.5

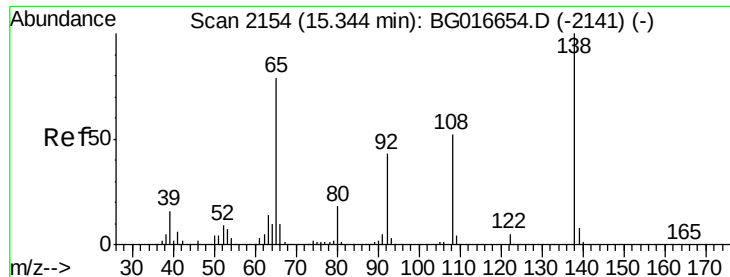


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

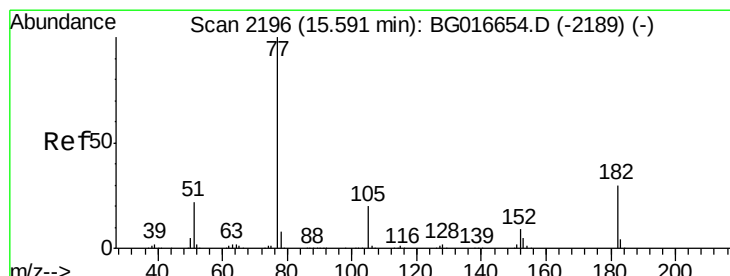
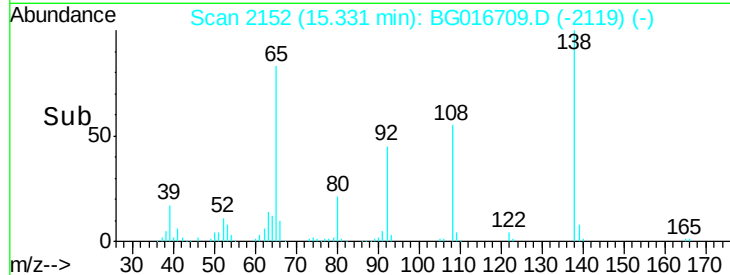
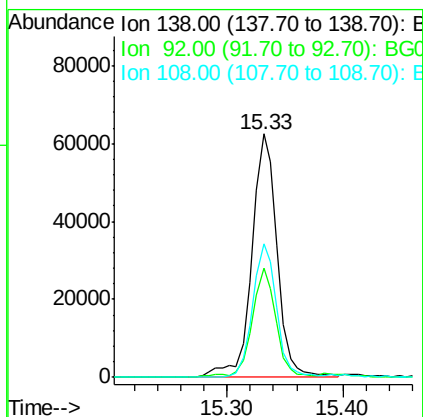
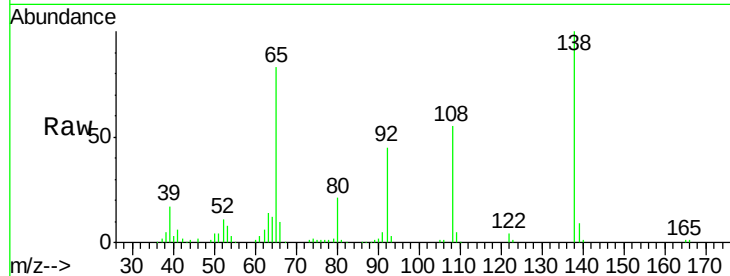




#61
4-Nitroaniline
Concen: 44.24 ng
RT: 15.33 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

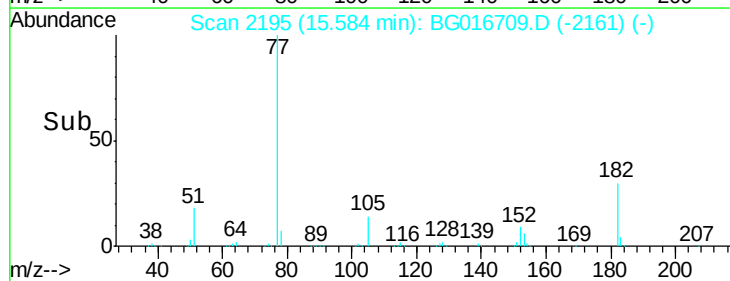
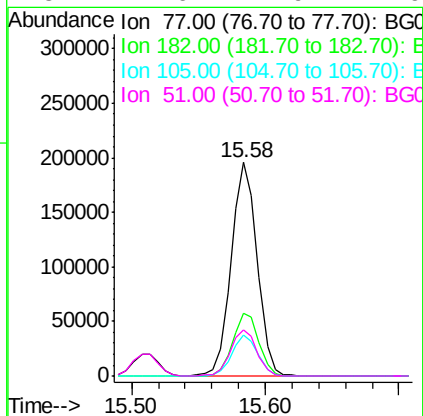
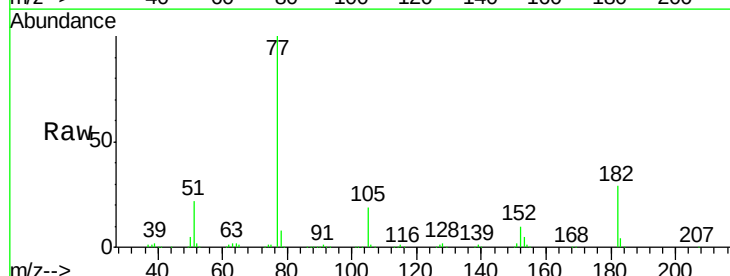
Instrument :
BNA_G
ClientSampleId :
PB83003BSD

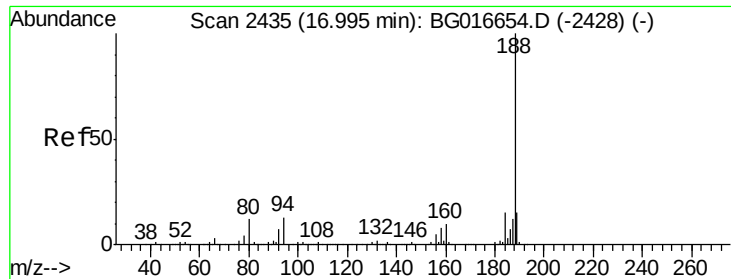
Tot Ion:138 Resp: 95600
Ion Ratio Lower Upper
138 100
92 44.7 23.1 63.1
108 54.7 31.7 71.7



#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

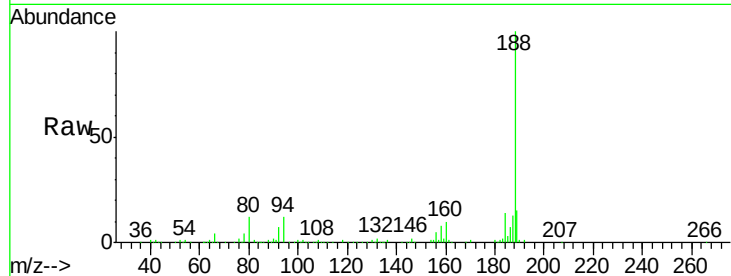
Tot Ion:188 Resp: 203449

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

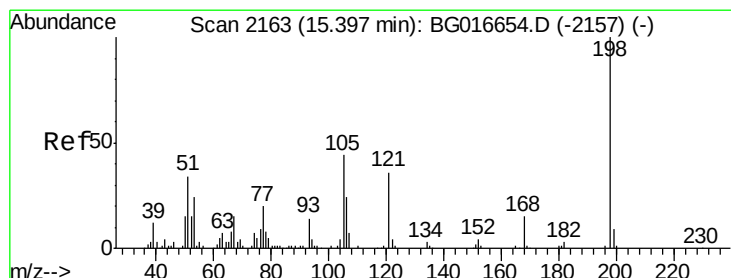
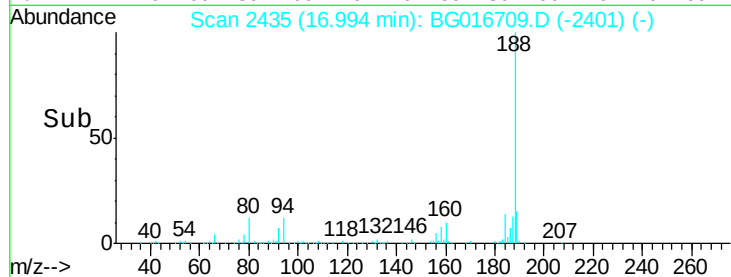
150000

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

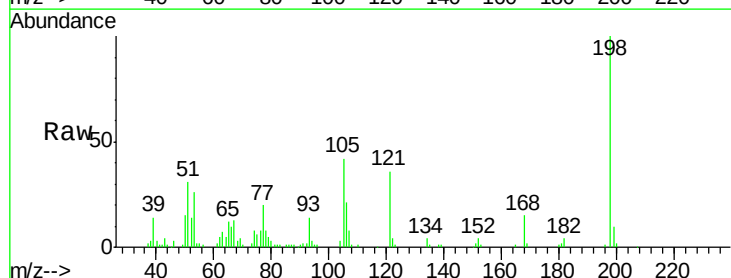
Tgt Ion:198 Resp: 51800

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

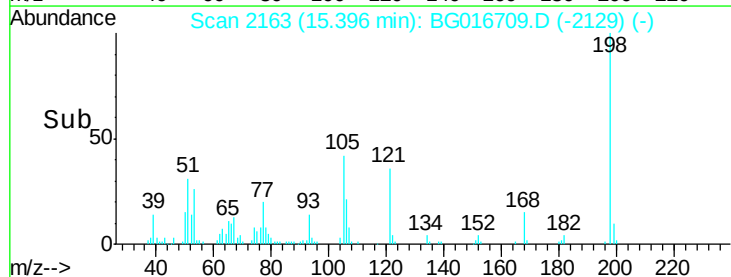
30000

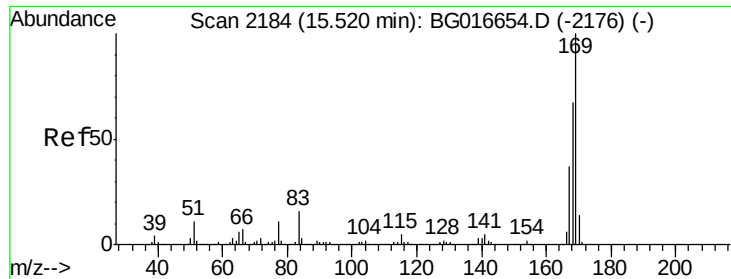
20000

10000

0

Time--> 15.30 15.40 15.50

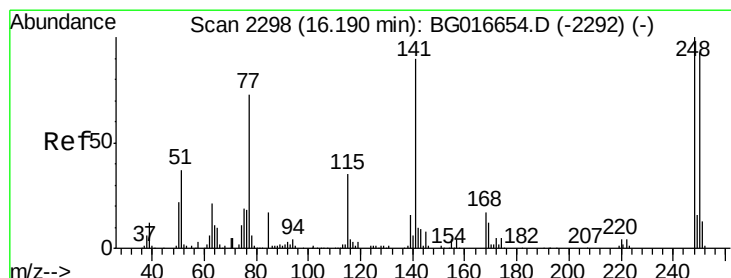
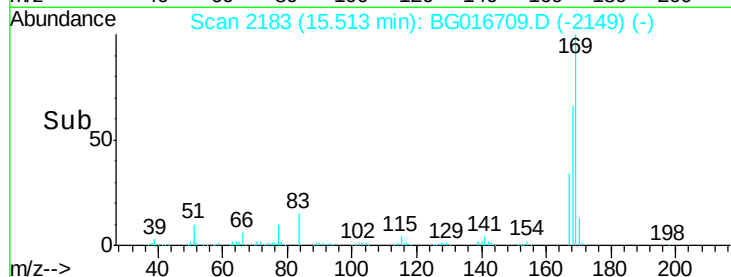
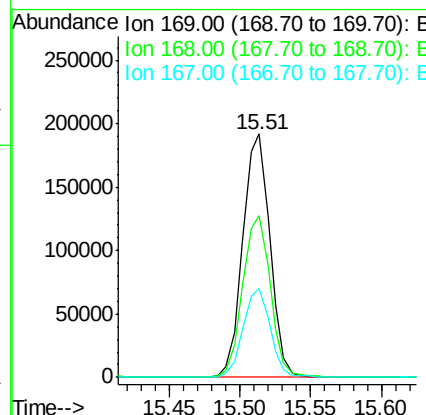
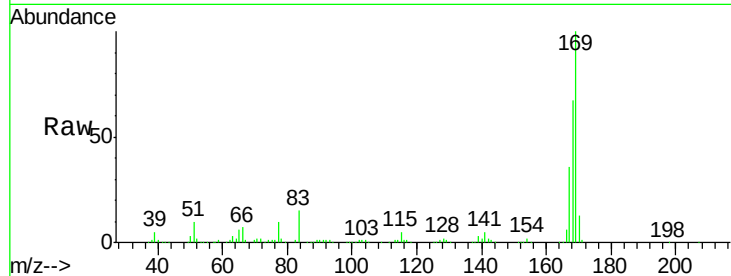




#65
n-Nitrosodiphenylamine
Concen: 36.87 ng
RT: 15.51 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

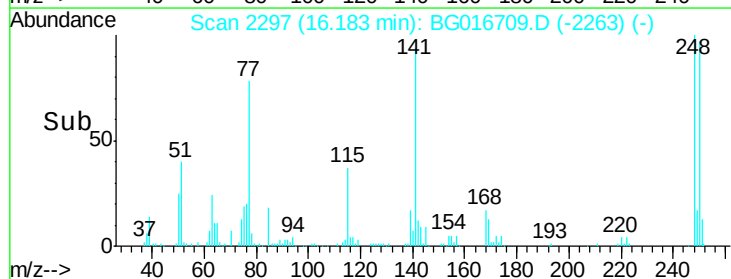
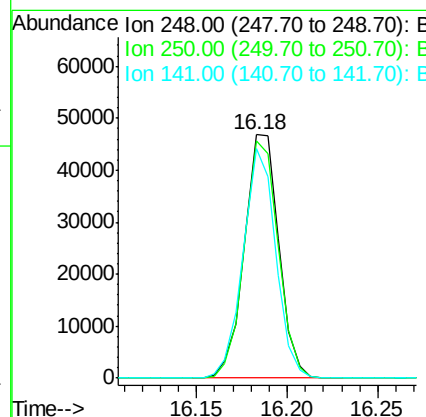
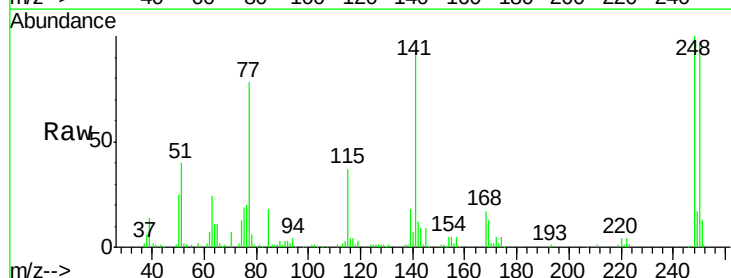
Instrument :
BNA_G
ClientSampleId :
PB83003BSD

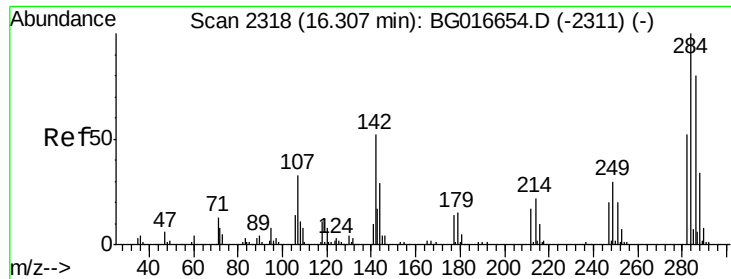
Tot Ion:169 Resp: 257141
Ion Ratio Lower Upper
169 100
168 66.6 53.6 80.4
167 36.2 29.4 44.0



#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





#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

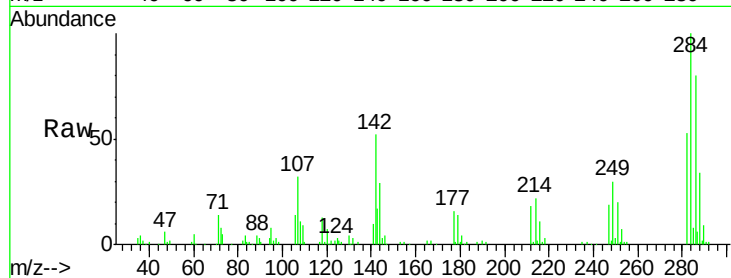
Tot Ion:284 Resp: 65849

Ion Ratio Lower Upper

284 100

142 51.6 41.5 62.3

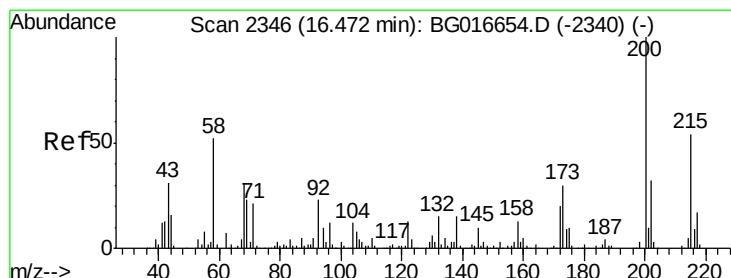
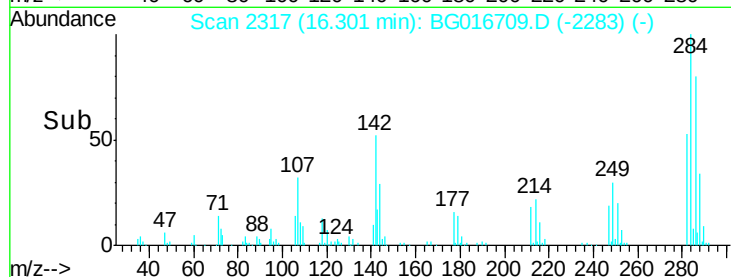
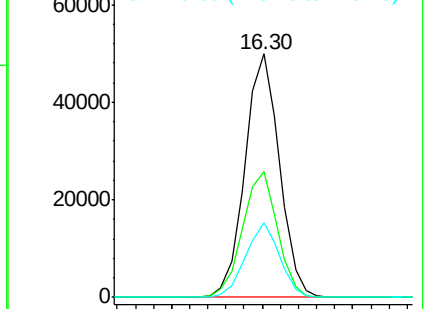
249 30.4 24.2 36.4



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

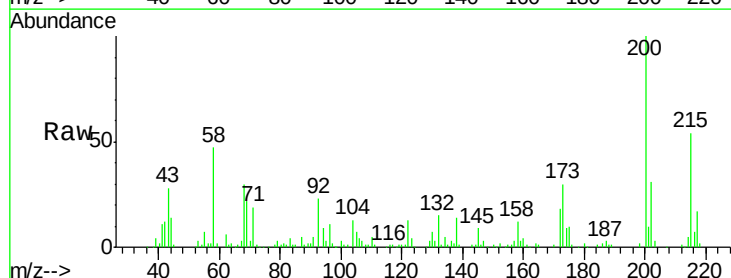
Tgt Ion:200 Resp: 88664

Ion Ratio Lower Upper

200 100

173 29.5 9.8 49.8

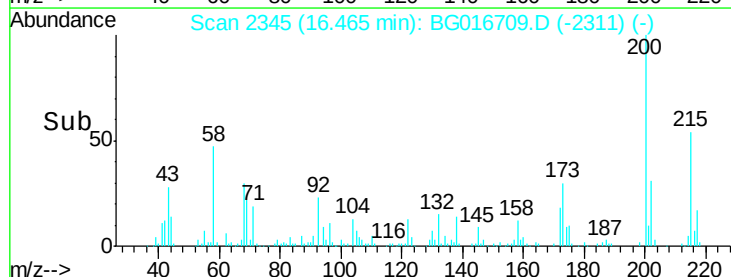
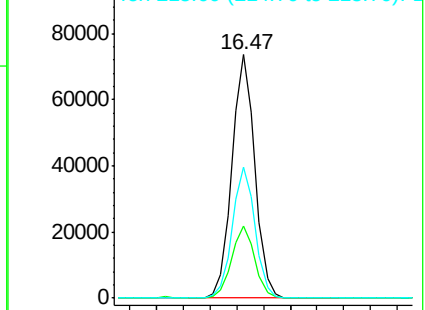
215 53.8 33.7 73.7

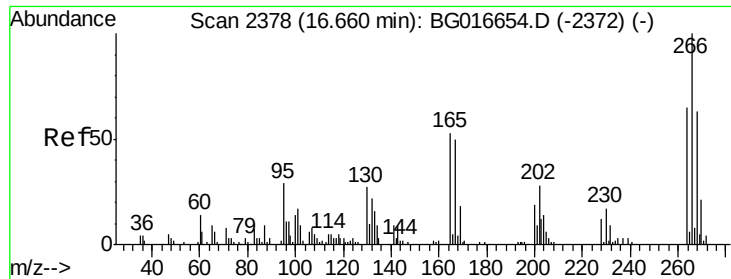


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

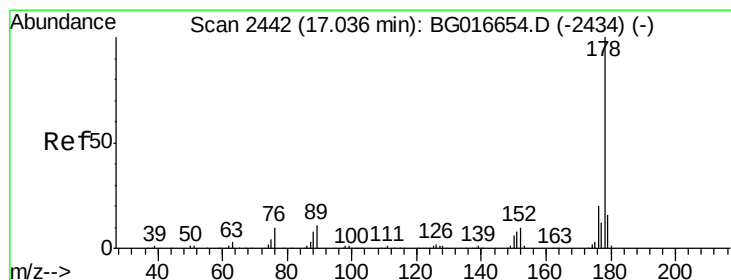
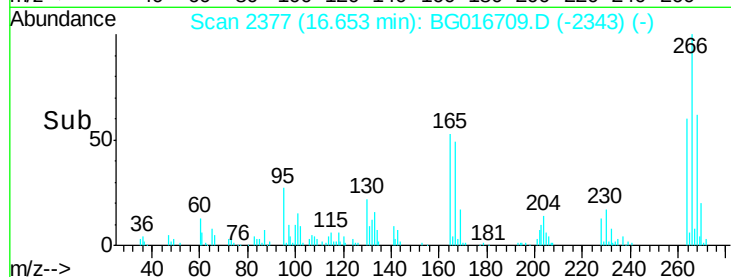
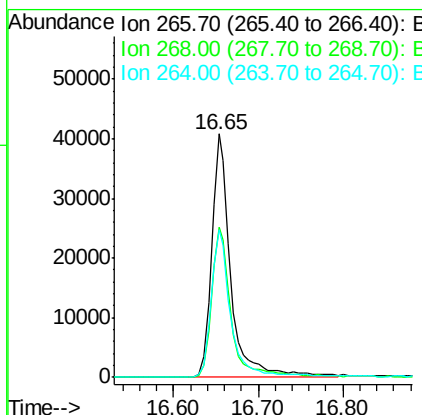
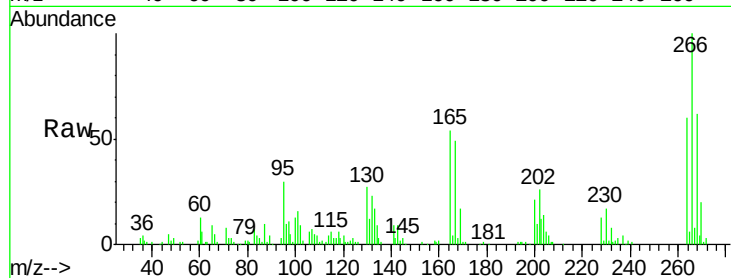




#69
 Pentachlorophenol
 Concen: 77.12 ng
 RT: 16.65 min Scan# 2377
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

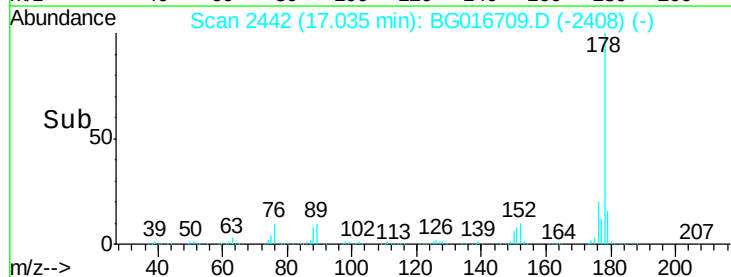
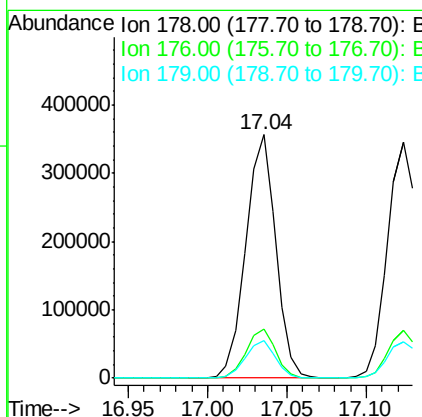
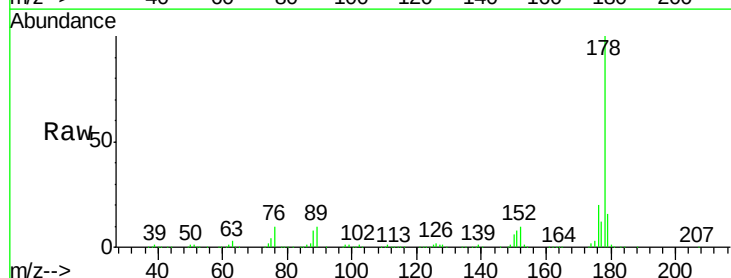
Instrument :
 BNA_G
 ClientSampleID :
 PB83003BSD

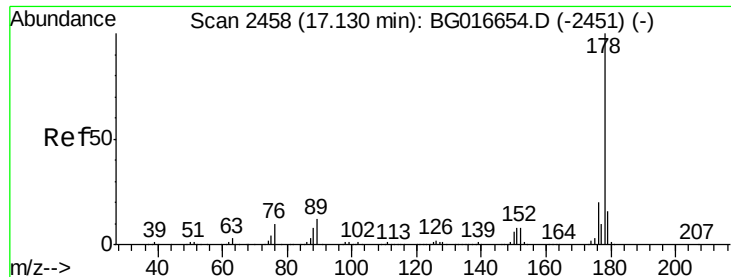
Tot Ion:266 Resp: 65474
 Ion Ratio Lower Upper
 266 100
 268 61.6 50.6 76.0
 264 60.4 51.8 77.6



#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

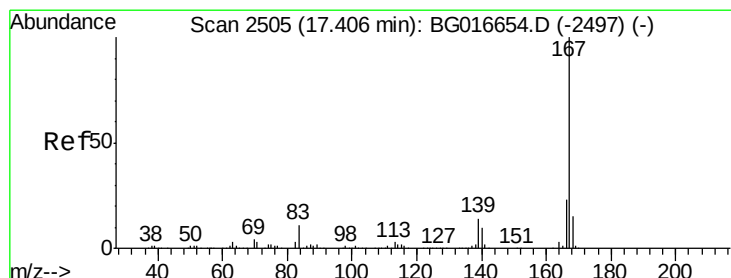
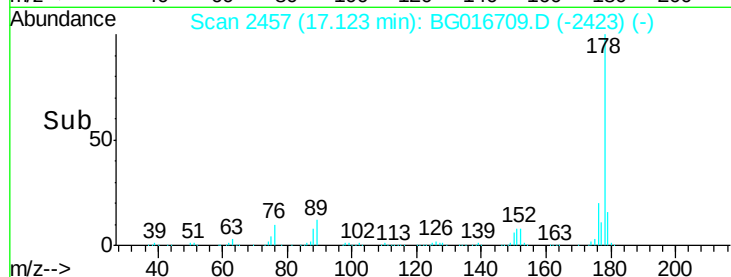
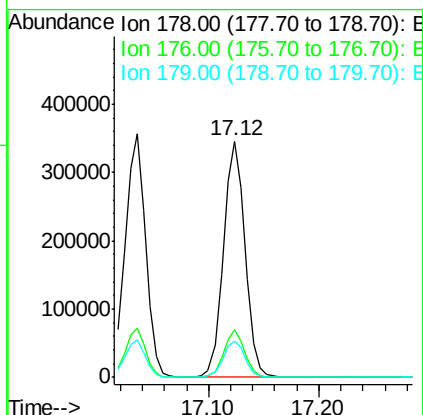
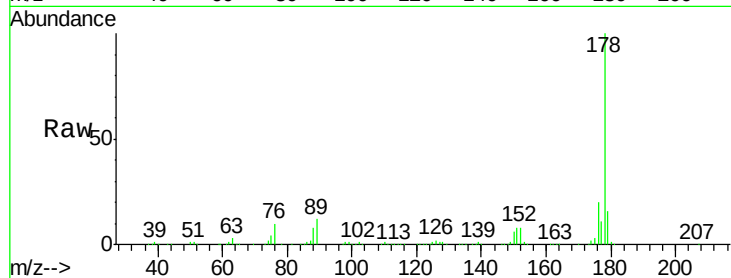




#71
 Anthracene
 Concen: 40.58 ng
 RT: 17.12 min Scan# 2457
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

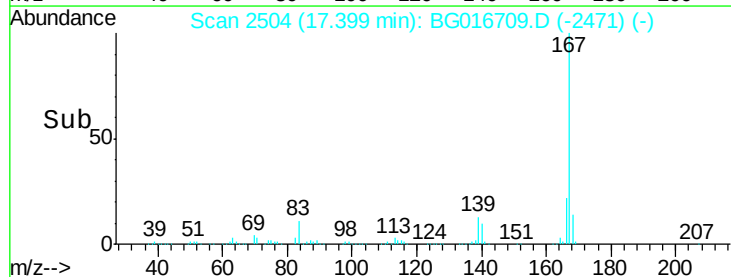
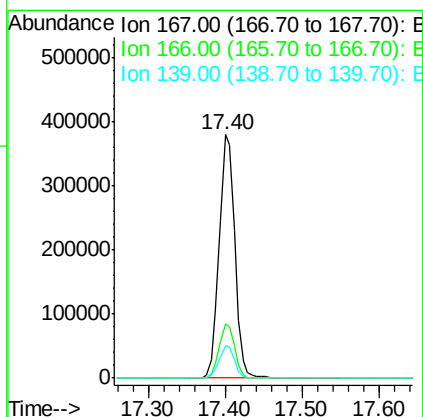
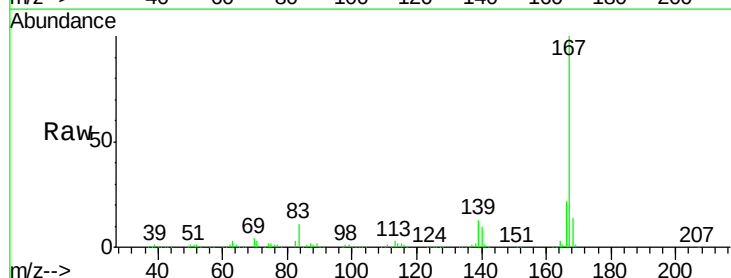
Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

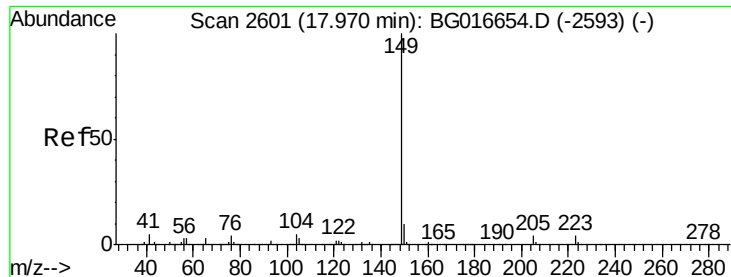
Tot Ion:178 Resp: 471770
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 15.6 12.9 19.3



#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

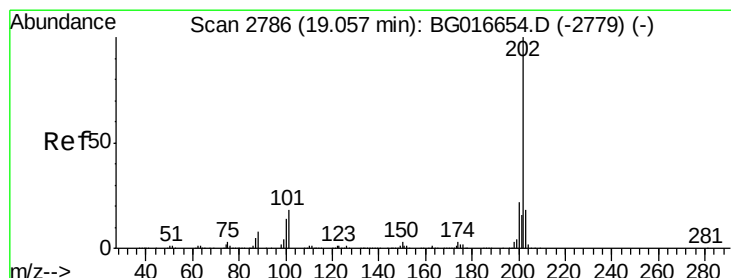
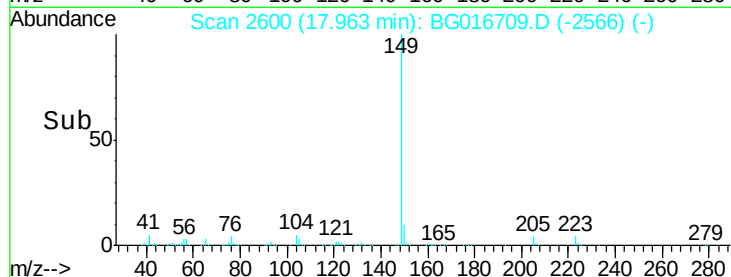
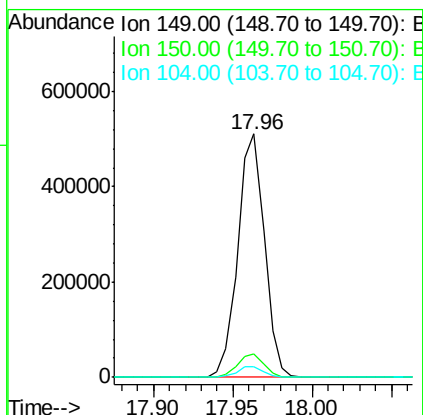
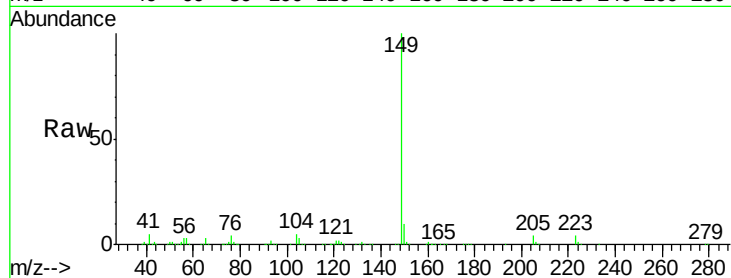




#73
Di-n-butylphthalate
Concen: 42.79 ng
RT: 17.96 min Scan# 2600
Delta R.T. -0.00 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

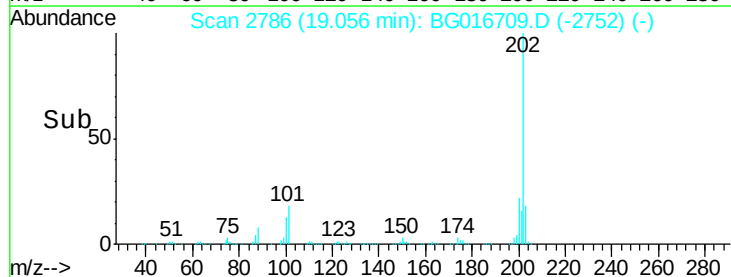
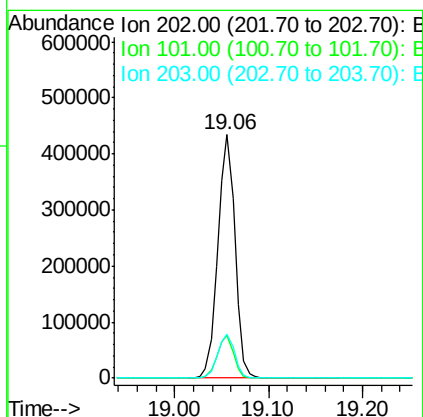
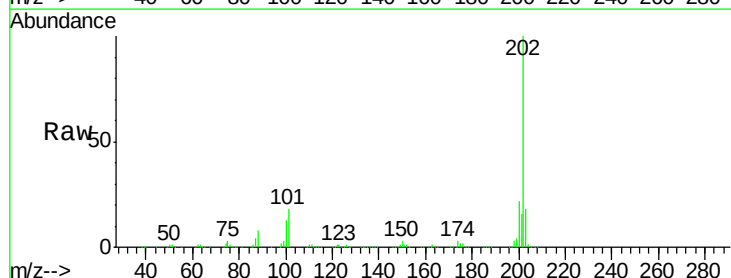
Instrument :
BNA_G
ClientSampleId :
PB83003BSD

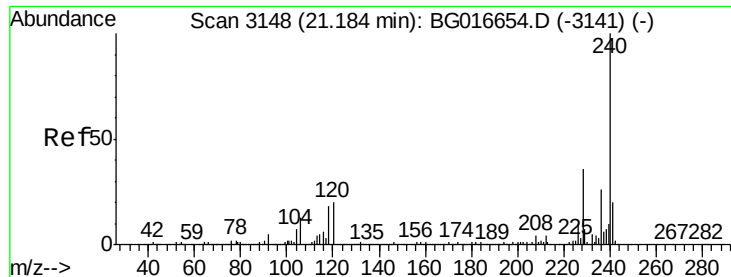
Tot Ion:149 Resp: 594065
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.6 3.6 5.4



#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





#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

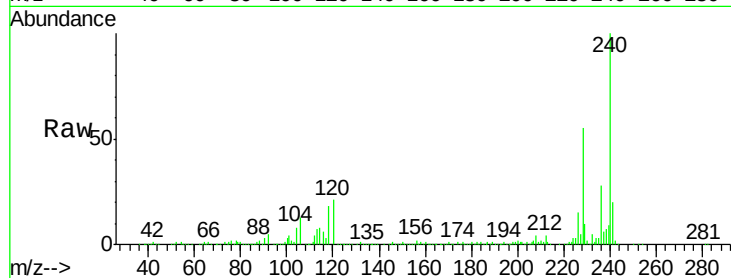
Tot Ion:240 Resp: 225322

Ion Ratio Lower Upper

240 100

120 21.1 16.3 24.5

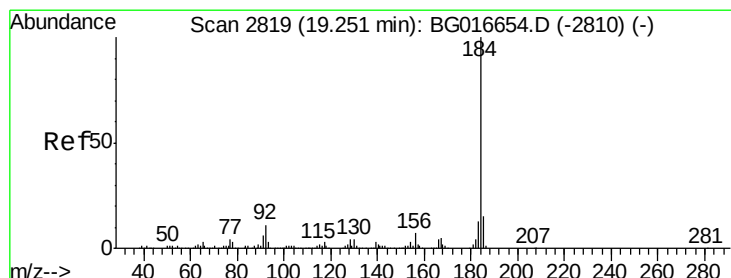
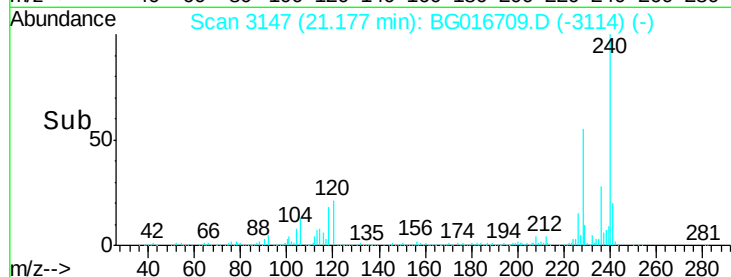
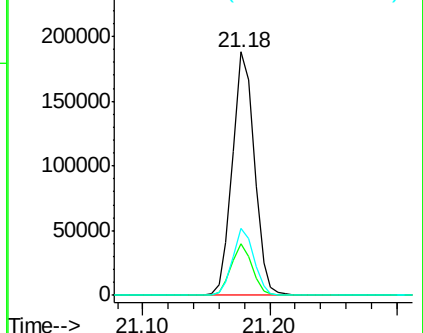
236 27.7 21.1 31.7



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

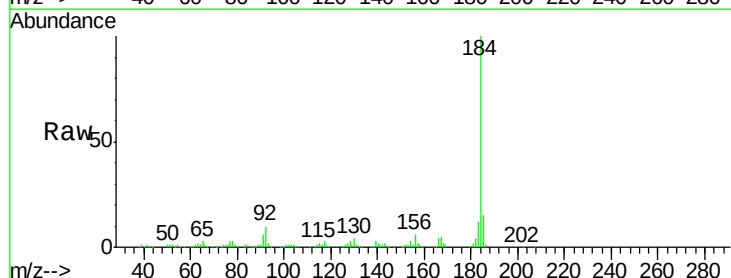
Tgt Ion:184 Resp: 258824

Ion Ratio Lower Upper

184 100

185 15.0 12.3 18.5

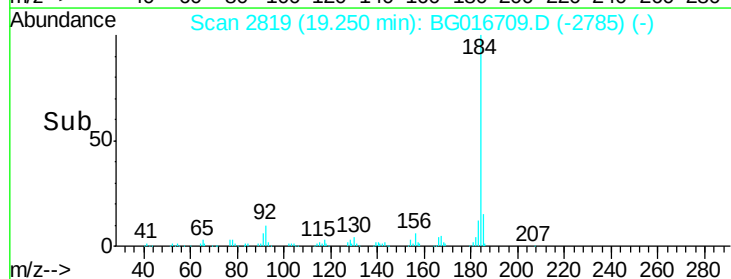
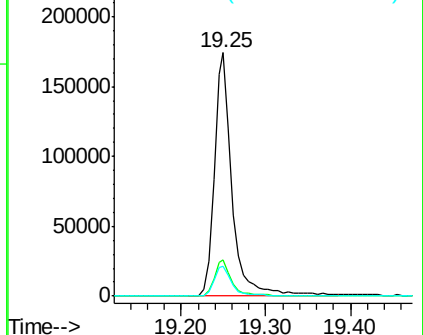
183 12.4 10.1 15.1

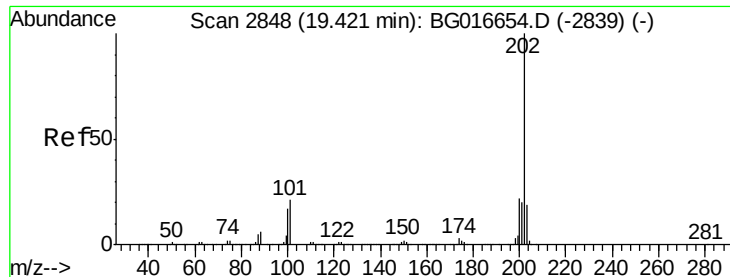


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

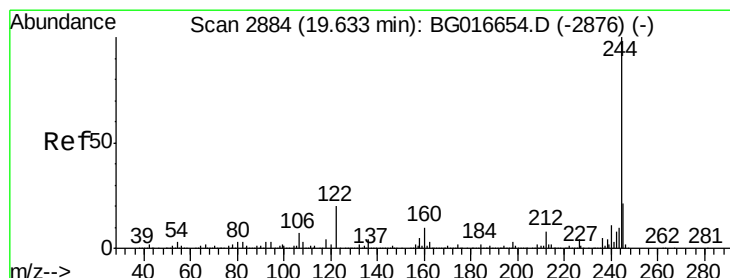
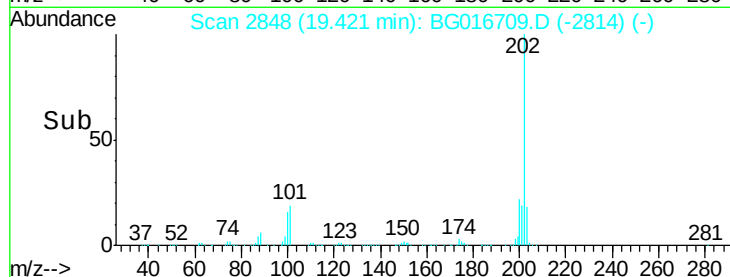
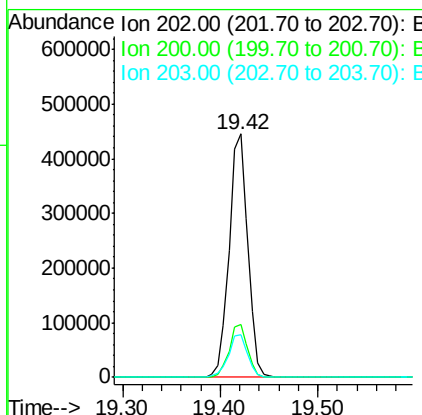
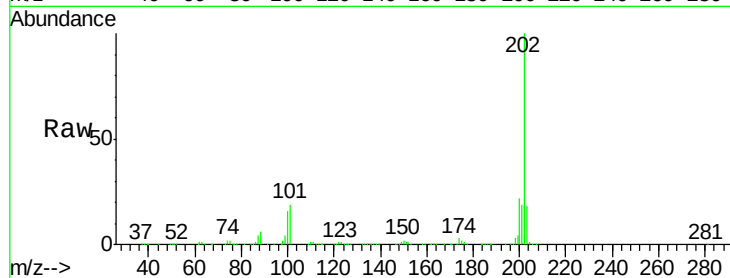




#77
Pvrene
Concen: 37.38 ng
RT: 19.42 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

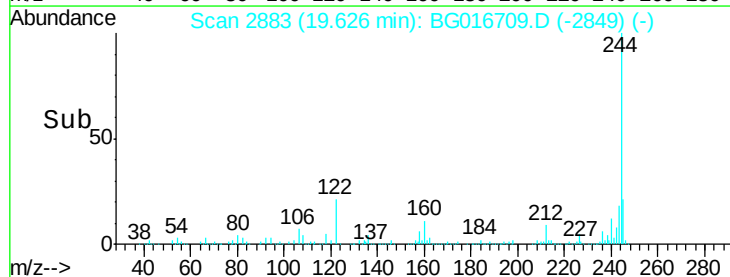
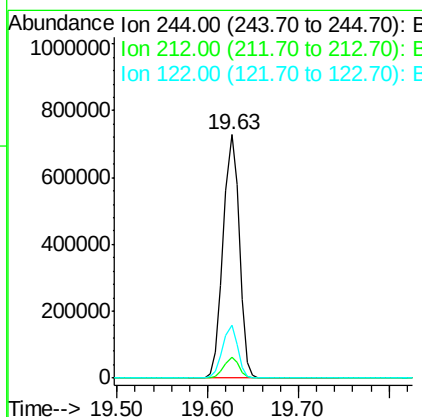
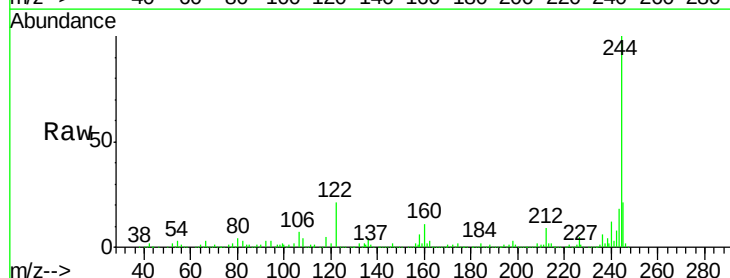
Instrument :
BNA_G
ClientSampleId :
PB83003BSD

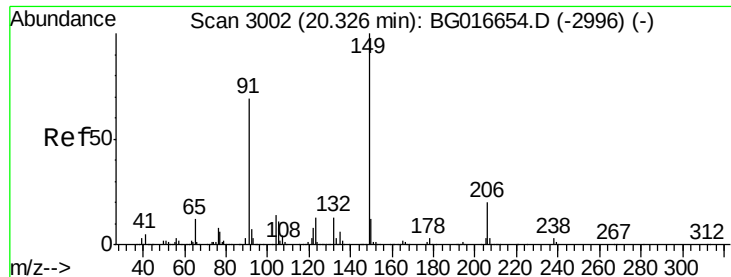
Tot Ion:202 Resp: 591721
Ion Ratio Lower Upper
202 100
200 21.9 18.0 27.0
203 17.7 14.9 22.3



#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

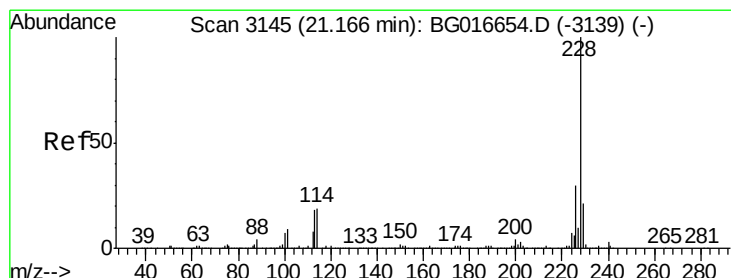
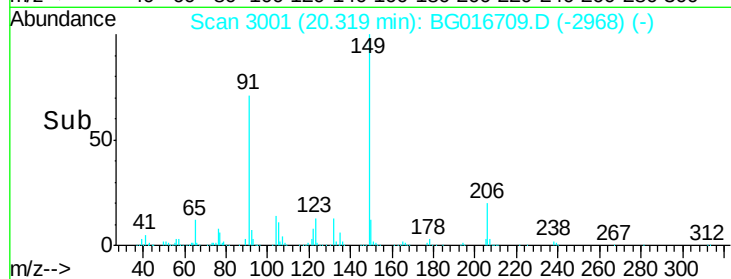
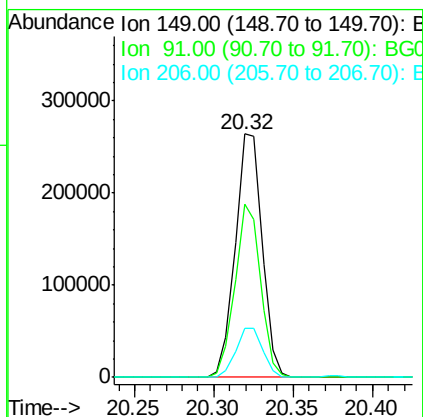
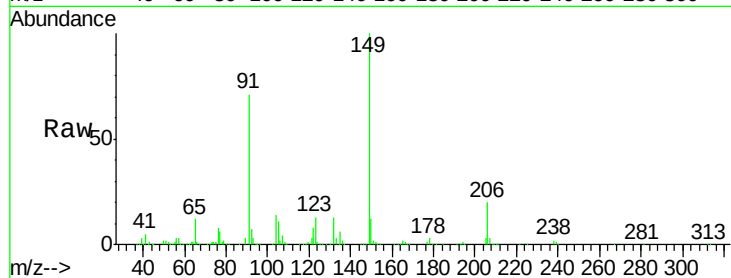




#79
Butylbenzylphthalate
Concen: 40.01 ng
RT: 20.32 min Scan# 3001
Delta R.T. -0.01 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

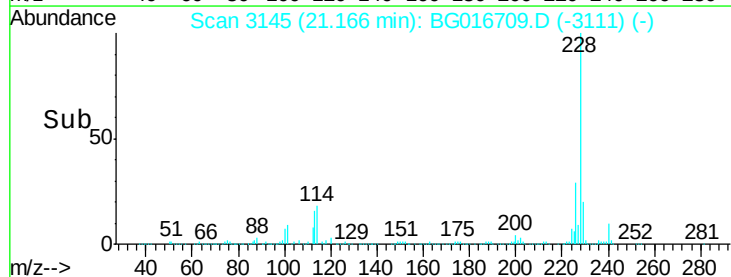
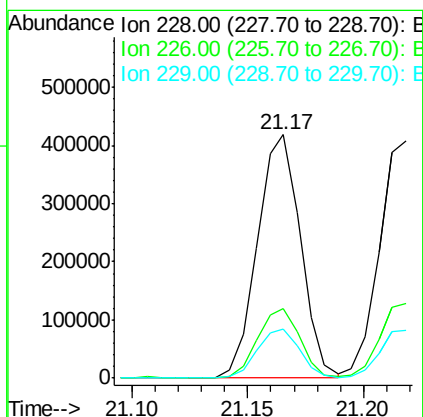
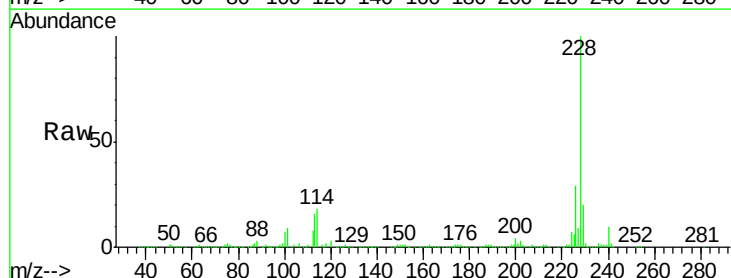
Instrument :
BNA_G
ClientSampleId :
PB83003BSD

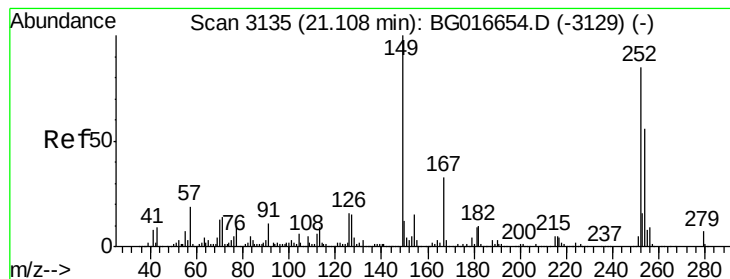
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.0	55.4	83.0
206	20.0	16.4	24.6



#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	Ratio	Lower	Upper
228	100		
226	28.7	23.8	35.6
229	20.3	17.0	25.4





#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

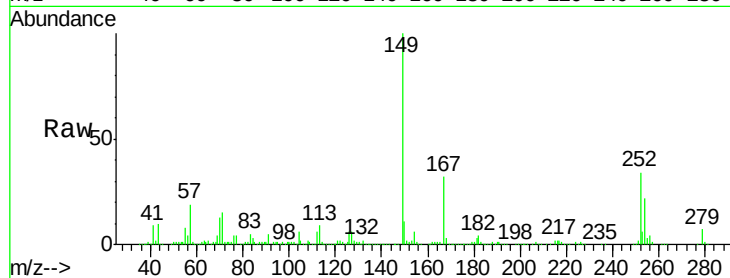
Tot Ion:252 Resp: 127694

Ion Ratio Lower Upper

252 100

254 64.2 52.7 79.1

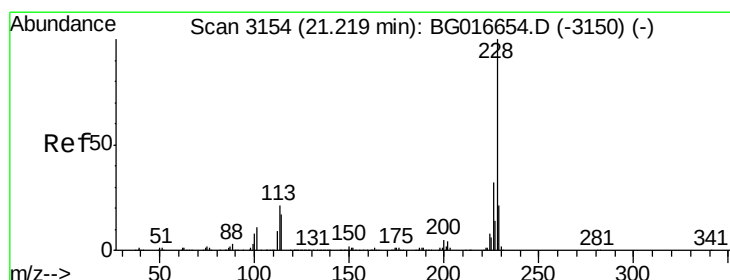
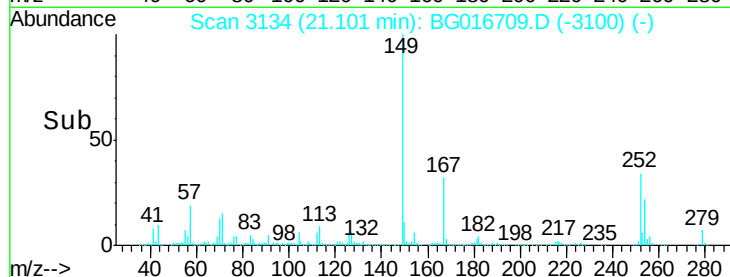
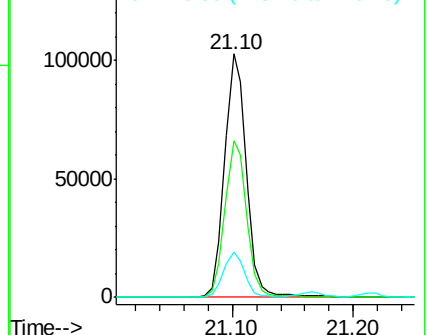
126 18.8 15.3 22.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 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

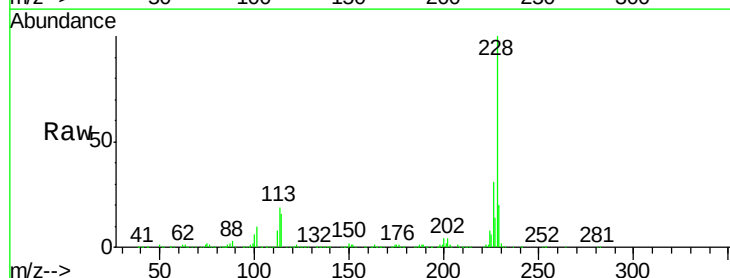
Tgt Ion:228 Resp: 512645

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

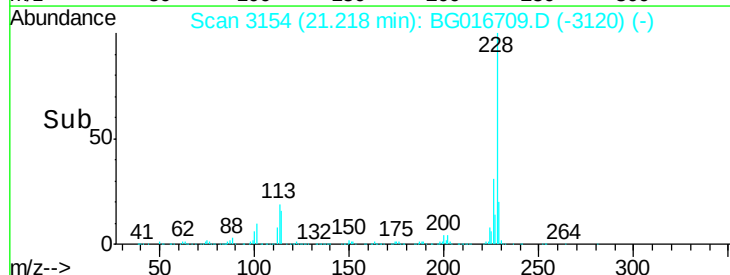
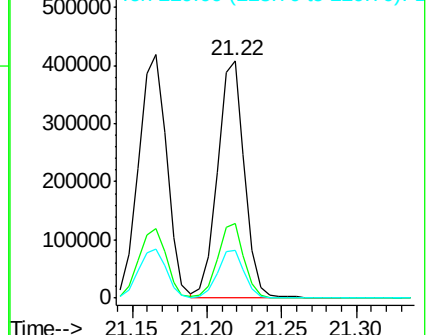
229 20.3 16.5 24.7

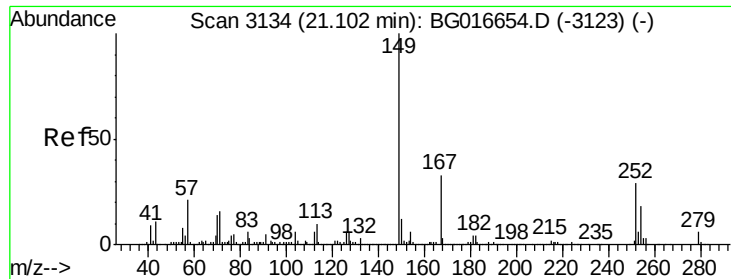


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

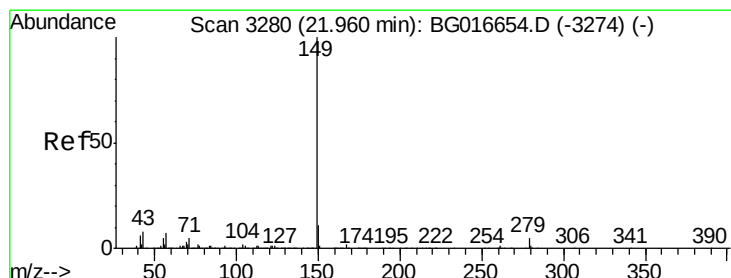
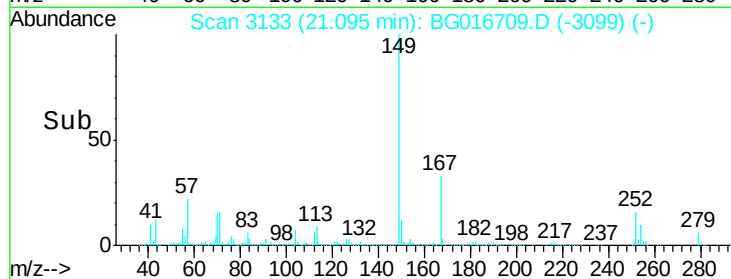
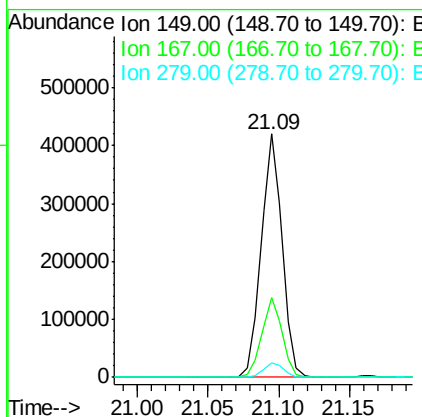
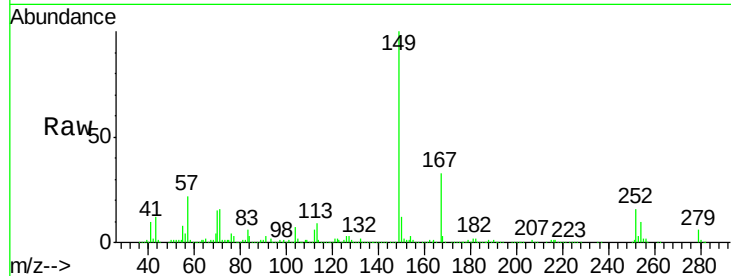




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.63 ng
 RT: 21.09 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

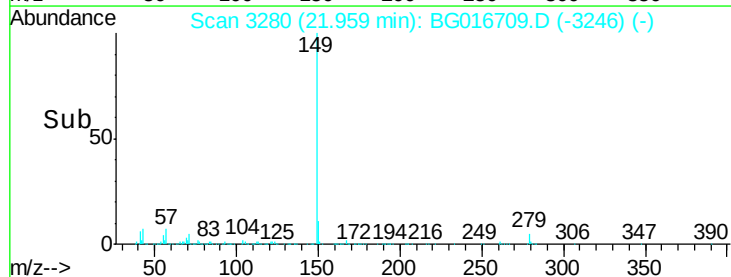
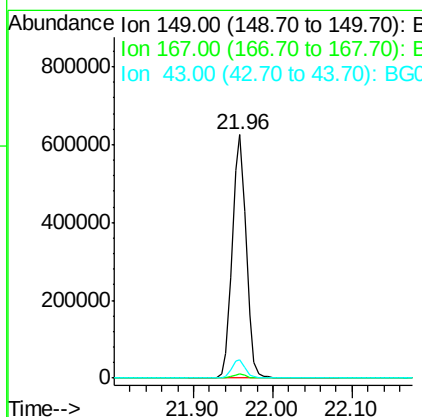
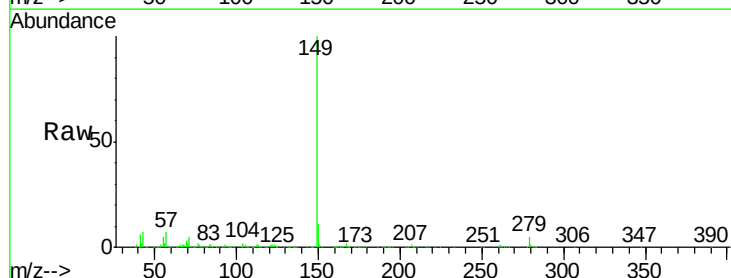
Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

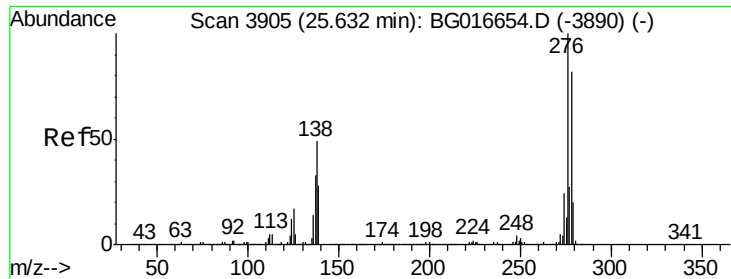
Tot Ion:149 Resp: 440978
 Ion Ratio Lower Upper
 149 100
 167 32.6 26.6 39.8
 279 5.8 5.1 7.7



#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

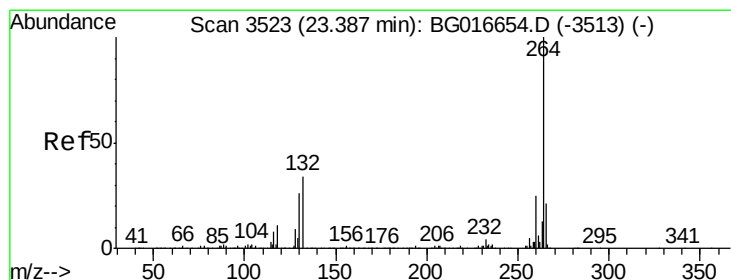
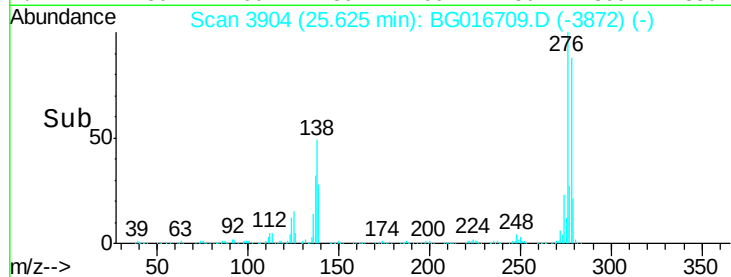
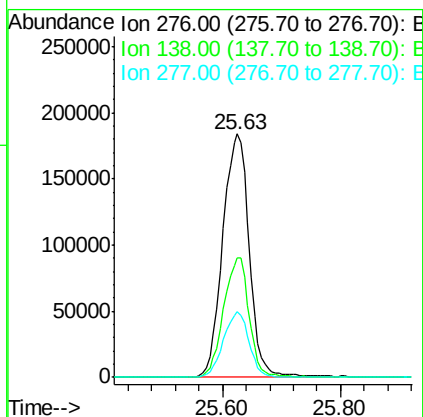
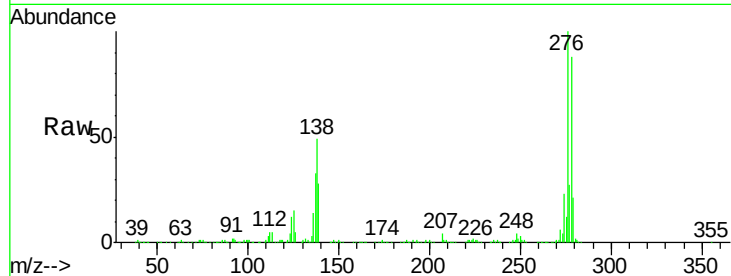




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.22 ng
 RT: 25.63 min Scan# 3904
 Delta R.T. -0.01 min
 Lab File: BG016709.D
 Acq: 25 Apr 2015 10:10

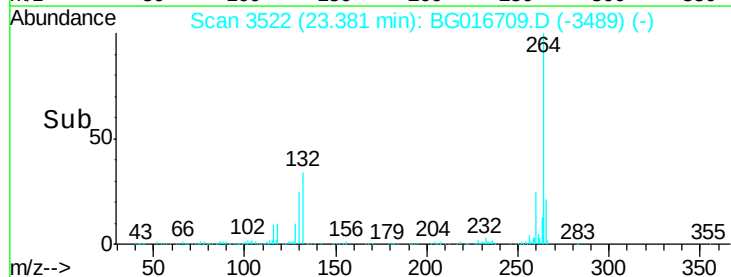
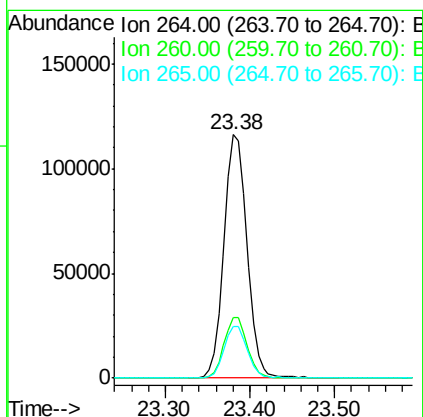
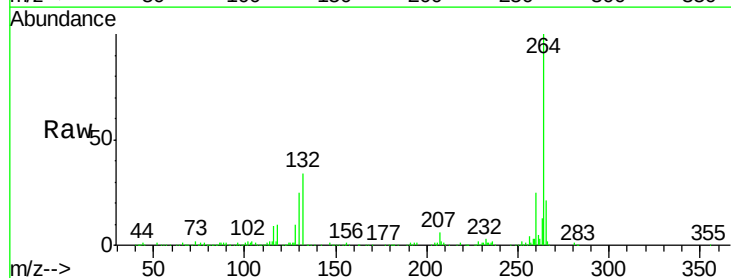
Instrument :
 BNA_G
 ClientSampleId :
 PB83003BSD

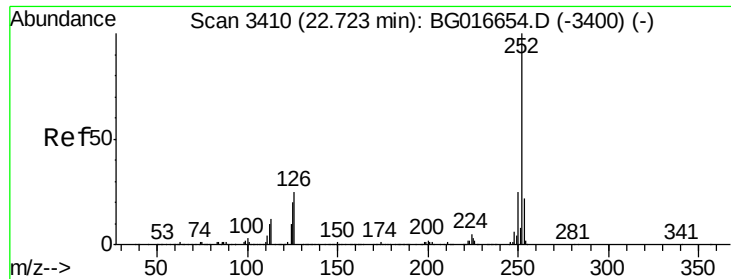
Tot Ion	Ratio	Lower	Upper
276	100		
138	47.6	38.2	57.2
277	26.4	21.4	32.2



#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

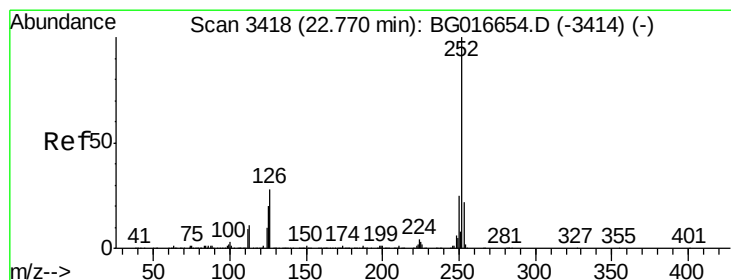
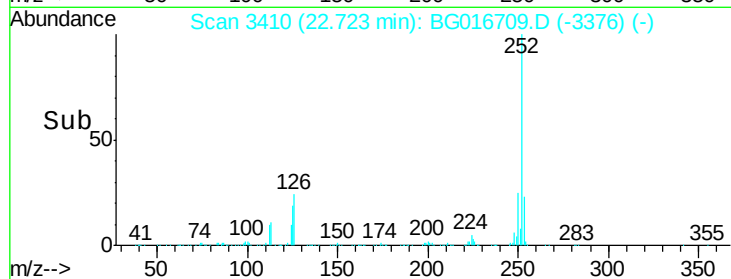
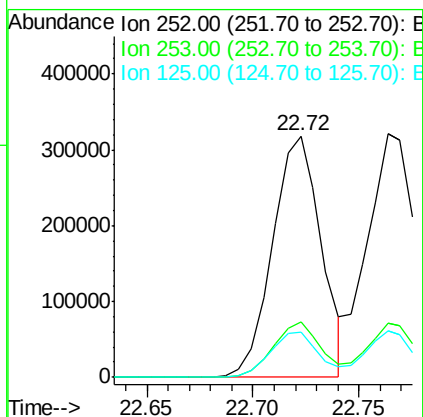
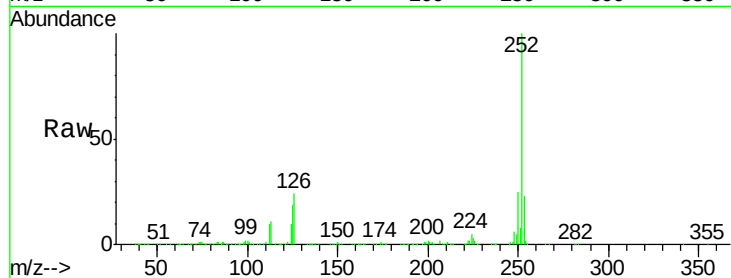




#87
Benzo(b)fluoranthene
Concen: 38.01 ng
RT: 22.72 min Scan# 3410
Delta R.T. -0.00 min
Lab File: BG016709.D
Acq: 25 Apr 2015 10:10

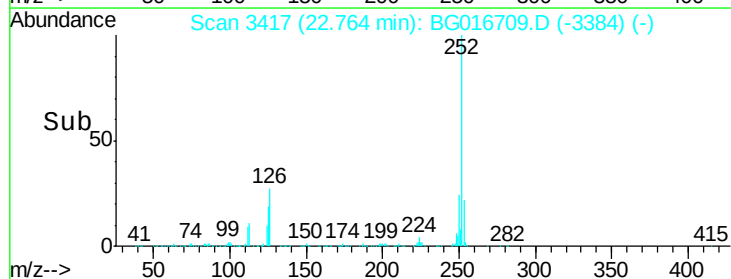
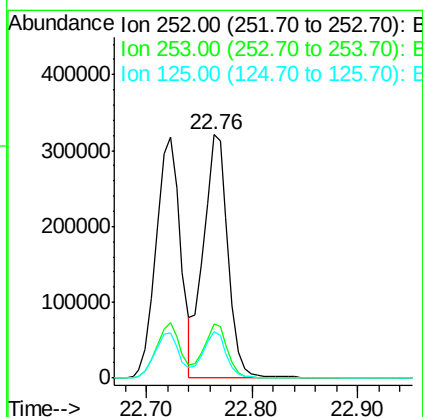
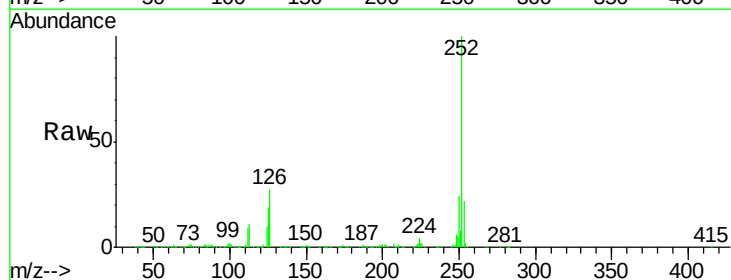
Instrument :
BNA_G
ClientSampleId :
PB83003BSD

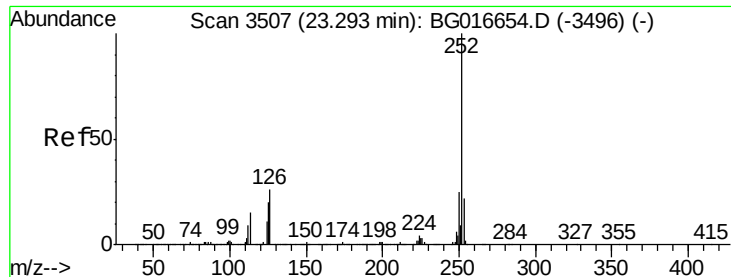
Tot Ion:252 Resp: 508736
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 18.9 15.8 23.8



#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

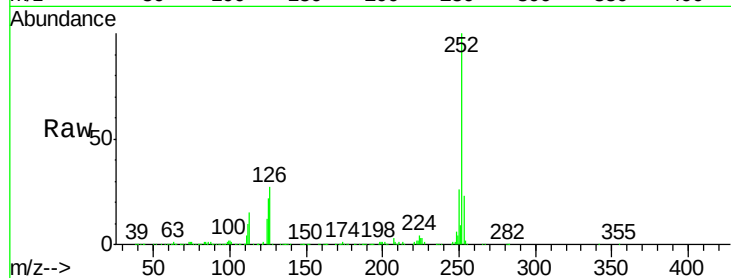
Tot Ion:252 Resp: 501573

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

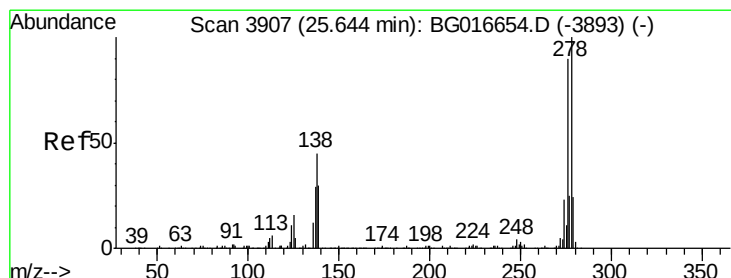
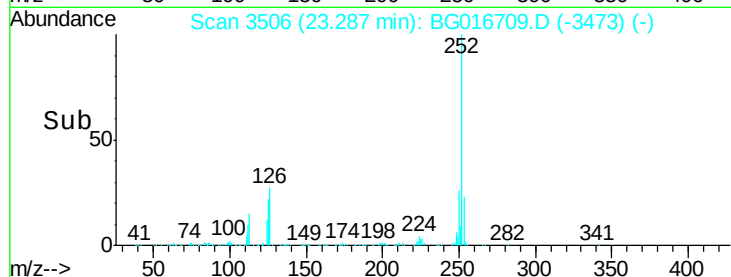
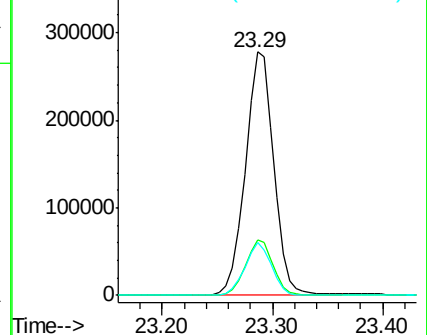
125 21.6 16.3 24.5



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

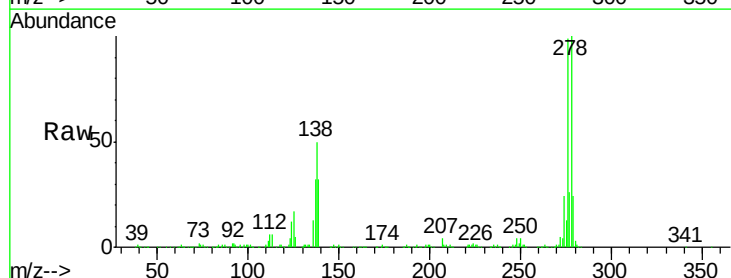
Tgt Ion:278 Resp: 474350

Ion Ratio Lower Upper

278 100

139 32.2 24.2 36.2

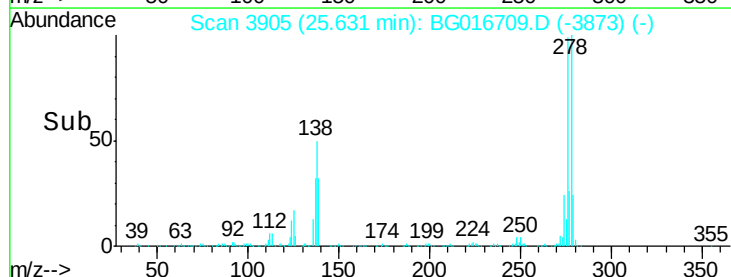
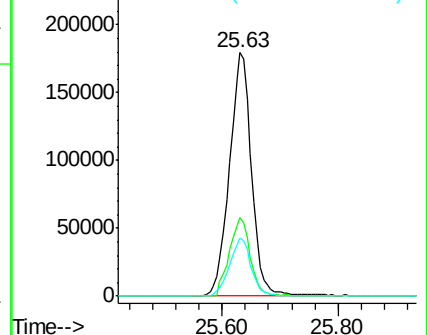
279 23.8 18.9 28.3

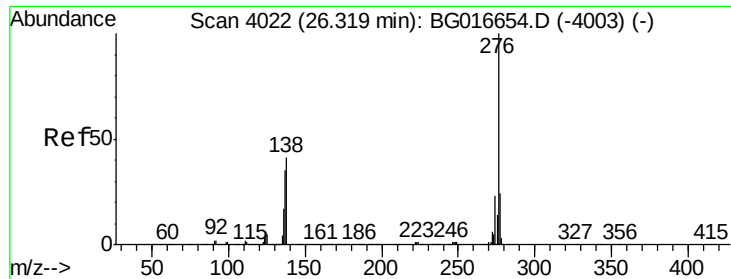


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,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

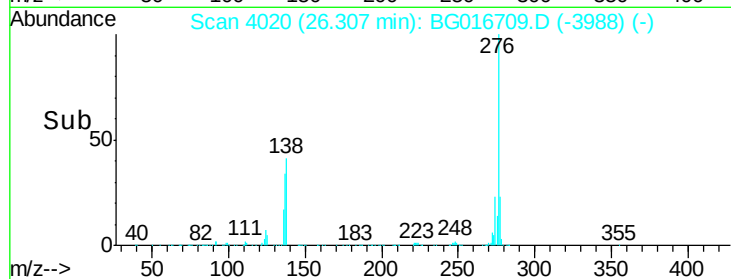
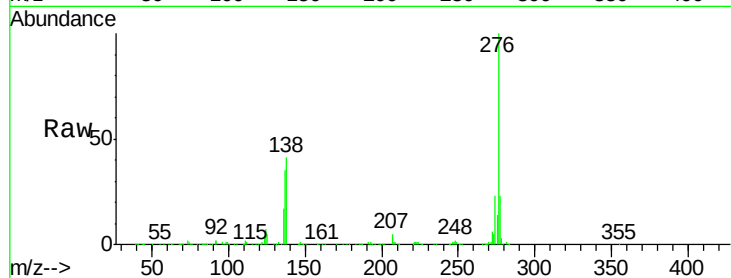
Tot Ion: 276 Resp: 487648

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

