

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
 Data File : BG017149.D
 Acq On : 14 May 2015 20:09
 Operator : TP/IZ
 Sample : PB83305BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83305BS

Quant Time: May 15 04:32:17 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 16:12:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	53173	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	230720	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	152770	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	359495	20.00	ng	0.00
75) Chrysene-d12	21.30	240	386431	20.00	ng	0.00
86) Perylene-d12	23.56	264	378332	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	363984	121.45	ng	0.00
7) Phenol-d6	6.91	99	490953	116.73	ng	0.00
23) Nitrobenzene-d5	8.87	82	317006	64.15	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	190500	103.15	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	650690	62.50	ng	0.00
78) Terphenyl-d14	19.74	244	1182660	63.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	38201	32.31	ng	93
3) Pyridine	3.56	79	112151	31.35	ng	91
4) n-Nitrosodimethylamine	3.49	42	83937	30.91	ng	# 96
6) Aniline	7.04	93	127739	21.95	ng	94
8) 2-Chlorophenol	7.28	128	131517	36.68	ng	95
9) Benzaldehyde	6.85	77	30714	8.98	ng	98
10) Phenol	6.93	94	173097	38.81	ng	98
11) bis(2-Chloroethyl)ether	7.14	93	118427	35.41	ng	100
12) 1,3-Dichlorobenzene	7.59	146	127559	31.86	ng	96
13) 1,4-Dichlorobenzene	7.74	146	128728	31.85	ng	99
14) 1,2-Dichlorobenzene	8.06	146	124155	32.16	ng	94
15) Benzyl Alcohol	7.95	79	132056	32.32	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.25	45	203874	37.60	ng	97
17) 2-Methylphenol	8.17	107	119630	36.99	ng	89
18) Hexachloroethane	8.78	117	53882	31.92	ng	86
19) n-Nitroso-di-n-propylamine	8.52	70	114603	31.28	ng	95
20) 3+4-Methylphenols	8.50	107	160710	35.76	ng	92
22) Acetophenone	8.53	105	190850	34.08	ng	97
24) Nitrobenzene	8.91	77	167026	34.54	ng	97
25) Isophorone	9.43	82	293707	32.24	ng	# 96
26) 2-Nitrophenol	9.62	139	73498	34.00	ng	# 87
27) 2,4-Dimethylphenol	9.70	122	132858	37.35	ng	95
28) bis(2-Chloroethoxy)methane	9.92	93	158424	35.72	ng	94
29) 2,4-Dichlorophenol	10.17	162	125506	37.40	ng	94
30) 1,2,4-Trichlorobenzene	10.37	180	120351	31.61	ng	94
31) Naphthalene	10.55	128	380634	33.71	ng	98
32) Benzoic acid	9.84	122	69995	29.03	ng	94
33) 4-Chloroaniline	10.67	127	80625	15.10	ng	98
34) Hexachlorobutadiene	10.84	225	71865	29.81	ng	98
35) Caprolactam	11.47	113	25525	15.13	ng	97
36) 4-Chloro-3-methylphenol	11.82	107	158396	37.35	ng	99
37) 2-Methylnaphthalene	12.17	142	289804	32.37	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	136941	31.68	ng	99
40) Hexachlorocyclopentadiene	12.52	237	174318	66.12	ng	99

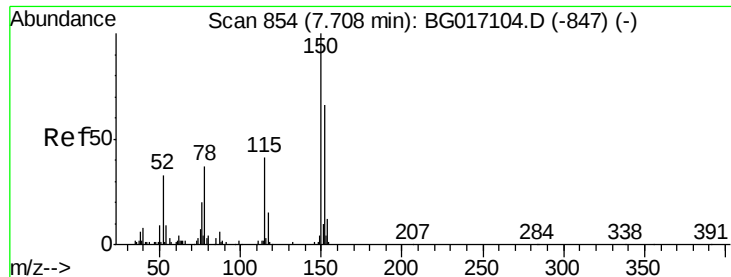
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
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Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.79	196	99984	32.61	ng	97
43) 2,4,5-Trichlorophenol	12.88	196	109401	34.63	ng	94
45) 1,1'-Biphenyl	13.19	154	372834	33.88	ng	99
46) 2-Chloronaphthalene	13.23	162	291591	33.47	ng	98
47) 2-Nitroaniline	13.45	65	120349	35.51	ng	93
48) Acenaphthylene	14.08	152	501567	33.61	ng	98
49) Dimethylphthalate	13.83	163	402041	33.66	ng	98
50) 2,6-Dinitrotoluene	13.95	165	90992	34.37	ng	97
51) Acenaphthene	14.43	154	293986	33.36	ng	97
52) 3-Nitroaniline	14.27	138	67471	22.97	ng	97
53) 2,4-Dinitrophenol	14.49	184	114847	74.73	ng	95
54) Dibenzofuran	14.76	168	456394	34.83	ng	96
55) 4-Nitrophenol	14.63	139	178735	75.58	ng	95
56) 2,4-Dinitrotoluene	14.73	165	133894	36.26	ng	95
57) Fluorene	15.41	166	399955	34.49	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.00	232	100844	34.78	ng	98
59) Diethylphthalate	15.20	149	436849	34.05	ng	98
60) 4-Chlorophenyl-phenylether	15.41	204	200301	33.62	ng	97
61) 4-Nitroaniline	15.44	138	115073	35.12	ng	94
62) Azobenzene	15.70	77	469125	38.27	ng	94
64) 4,6-Dinitro-2-methylphenol	15.50	198	78368	31.81	ng	96
65) n-Nitrosodiphenylamine	15.63	169	354506	32.12	ng	96
66) 4-Bromophenyl-phenylether	16.30	248	123264	31.44	ng	93
67) Hexachlorobenzene	16.42	284	129430	31.28	ng	95
68) Atrazine	16.58	200	130244	32.26	ng	97
69) Pentachlorophenol	16.77	266	173842	67.31	ng	94
70) Phenanthrene	17.15	178	626373	33.79	ng	98
71) Anthracene	17.24	178	641899	34.17	ng	97
72) Carbazole	17.52	167	624607	36.18	ng	98
73) Di-n-butylphthalate	18.08	149	828632	35.87	ng	98
74) Fluoranthene	19.17	202	781263	35.09	ng	96
76) Benzidine	19.36	184	227506	18.03	ng	95
77) Pyrene	19.53	202	813342	34.31	ng	99
79) Butylbenzylphthalate	20.44	149	371761	34.49	ng	98
80) Benzo(a)anthracene	21.28	228	741388	33.48	ng	100
81) 3,3'-Dichlorobenzidine	21.22	252	213742	24.94	ng	96
82) Chrysene	21.33	228	700267	33.95	ng	98
83) Bis(2-ethylhexyl)phthalate	21.21	149	516858	33.74	ng	99
84) Di-n-octyl phthalate	22.09	149	875083	34.31	ng	99
85) Indeno(1,2,3-cd)pyrene	25.88	276	824628	33.41	ng	96
87) Benzo(b)fluoranthene	22.88	252	749860	34.00	ng	# 97
88) Benzo(k)fluoranthene	22.92	252	701446	33.50	ng	98
89) Benzo(a)pyrene	23.46	252	703772	34.75	ng	# 97
90) Dibenzo(a,h)anthracene	25.90	278	688942	33.14	ng	# 95
91) Benzo(g,h,i)perylene	26.59	276	665058	33.98	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.71 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

Instrument :

BNA_G

ClientSampleId :

PB83305BS

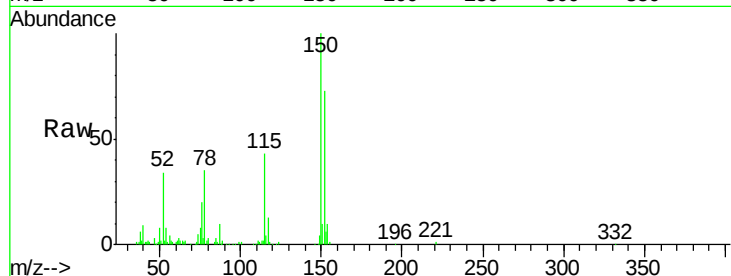
Tgt Ion:152 Resp: 53173

Ion Ratio Lower Upper

152 100

150 137.3 120.8 181.2

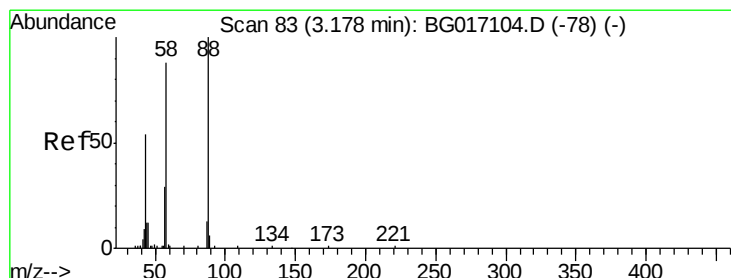
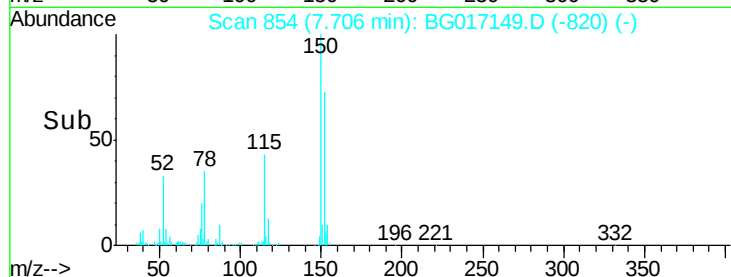
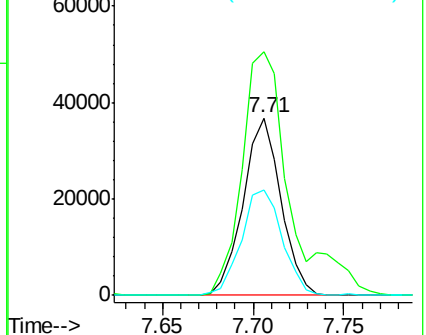
115 59.6 49.4 74.2



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: 32.31 ng

RT: 3.17 min Scan# 82

Delta R.T. -0.01 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

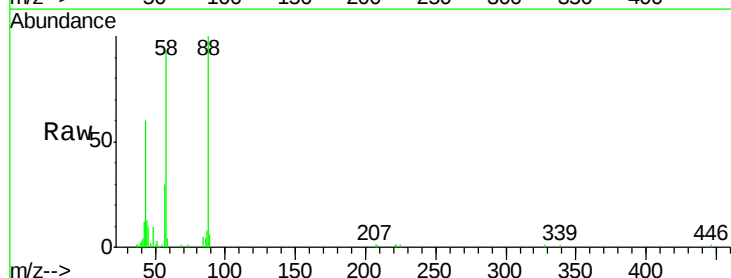
Tgt Ion: 88 Resp: 38201

Ion Ratio Lower Upper

88 100

58 80.9 68.6 103.0

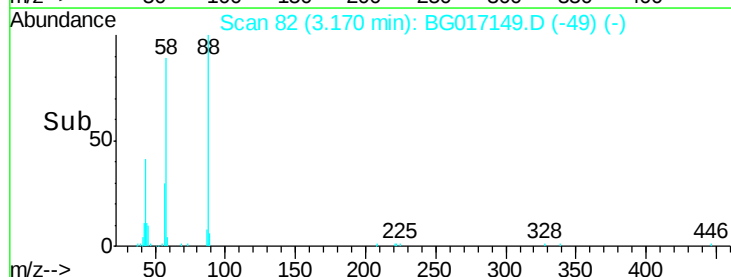
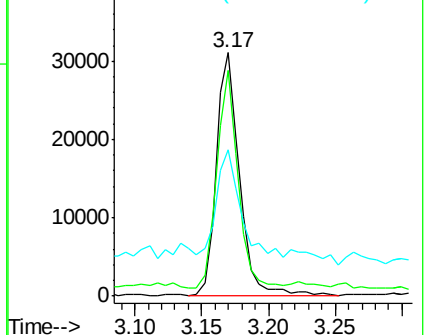
43 44.1 40.3 60.5

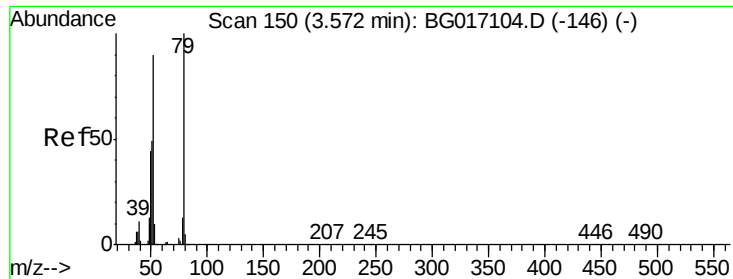


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 31.35 ng

RT: 3.56 min Scan# 149

Delta R.T. -0.01 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

Instrument :

BNA_G

ClientSampleId :

PB83305BS

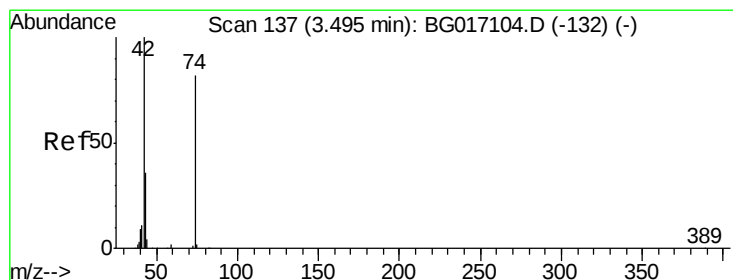
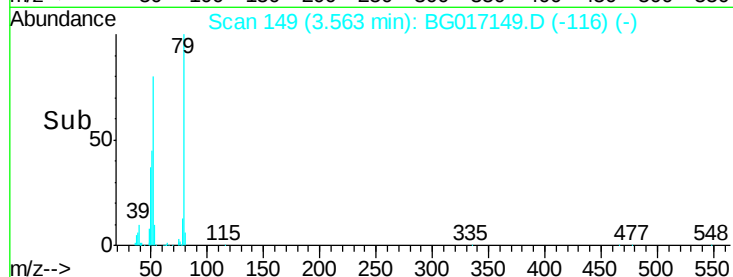
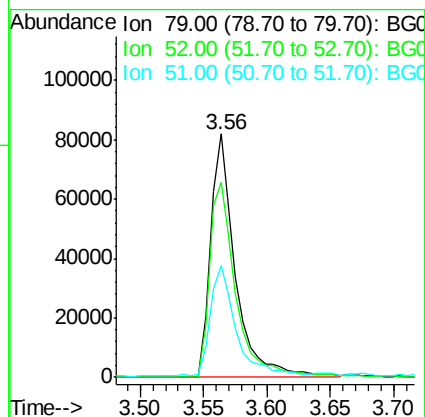
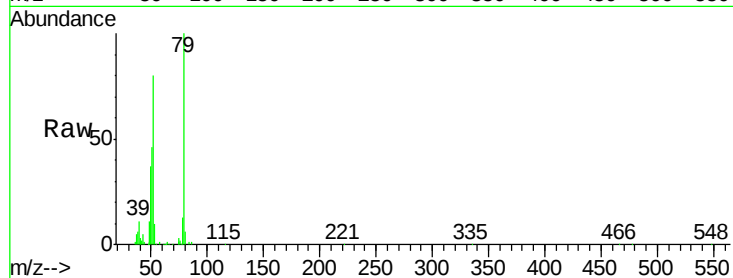
Tgt Ion: 79 Resp: 112151

Ion Ratio Lower Upper

79 100

52 80.2 72.2 108.2

51 45.9 40.6 60.8



#4

n-Nitrosodimethylamine

Concen: 30.91 ng

RT: 3.49 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

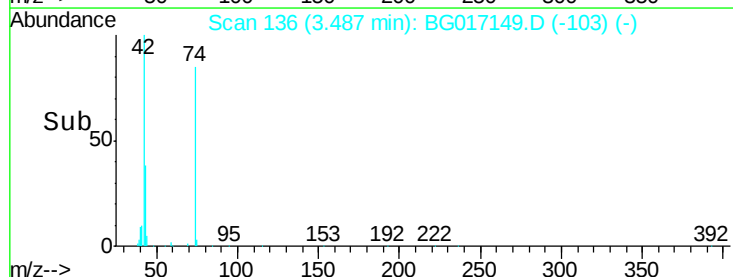
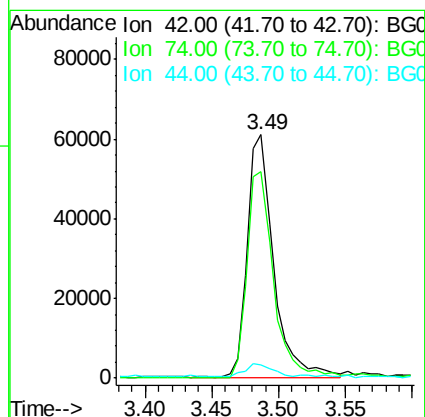
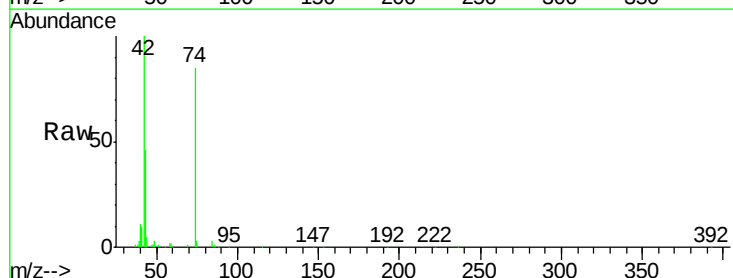
Tgt Ion: 42 Resp: 83937

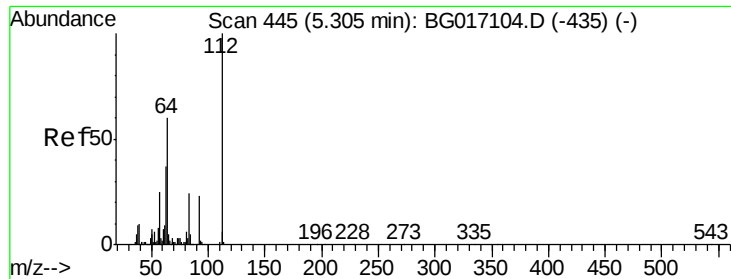
Ion Ratio Lower Upper

42 100

74 84.6 65.2 97.8

44 5.3 3.2 4.8#





#5

2-Fluorophenol

Concen: 121.45 ng

RT: 5.30 min Scan# 445

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

Instrument :

BNA_G

ClientSampleId :

PB83305BS

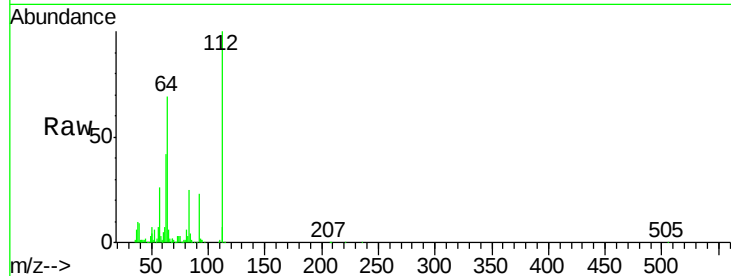
Tgt Ion:112 Resp: 363984

Ion Ratio Lower Upper

112 100

64 69.3 48.1 72.1

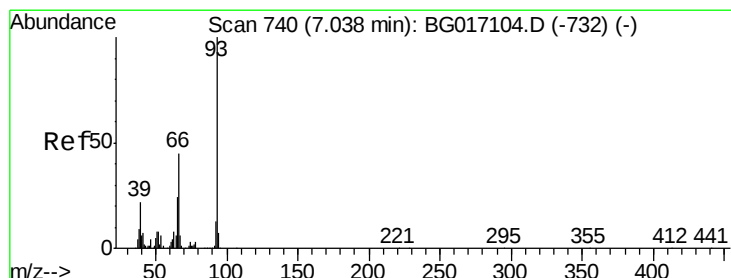
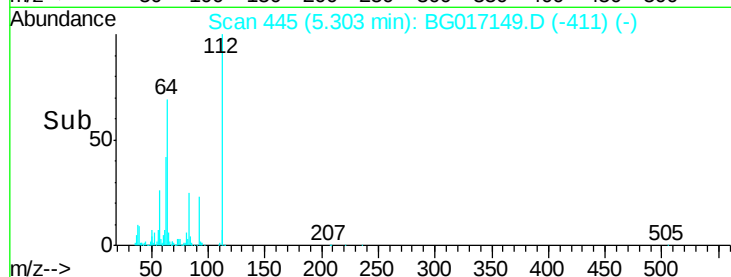
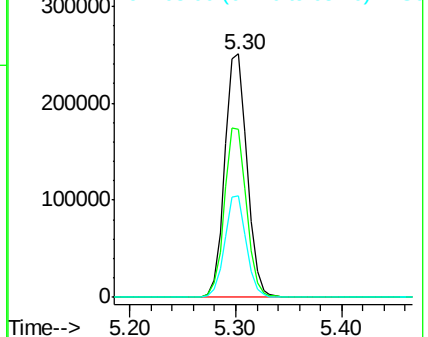
63 41.6 29.8 44.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 21.95 ng

RT: 7.04 min Scan# 740

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

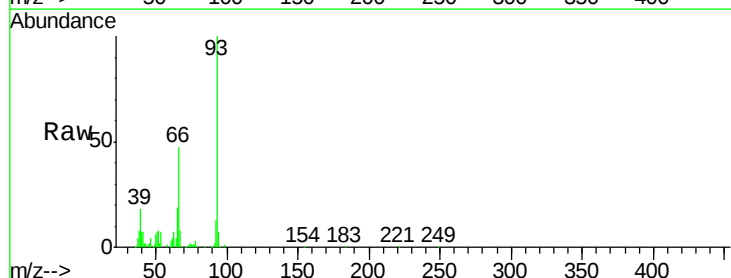
Tgt Ion: 93 Resp: 127739

Ion Ratio Lower Upper

93 100

66 47.2 35.8 53.8

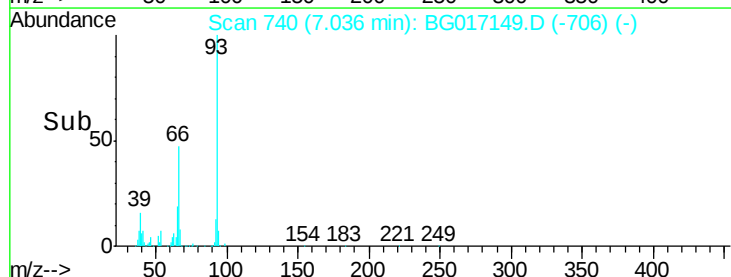
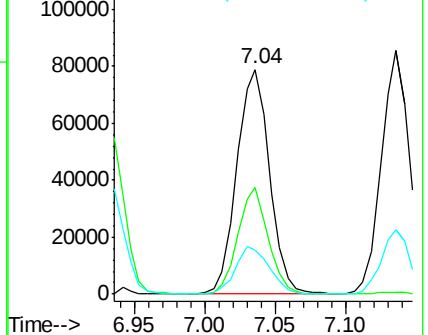
65 19.4 19.2 28.8

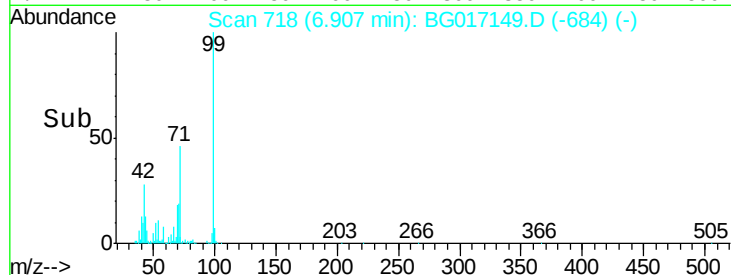
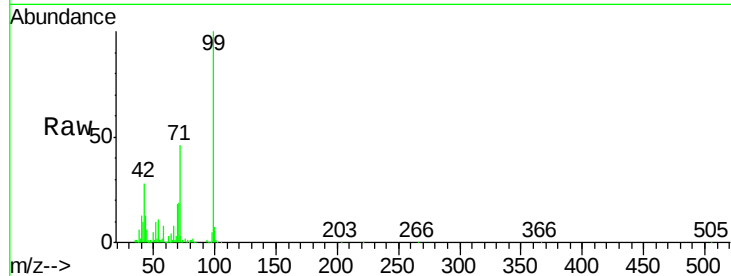
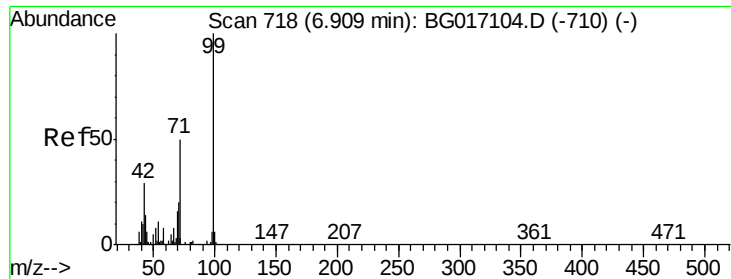


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 116.73 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

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ClientSampleId :

PB83305BS

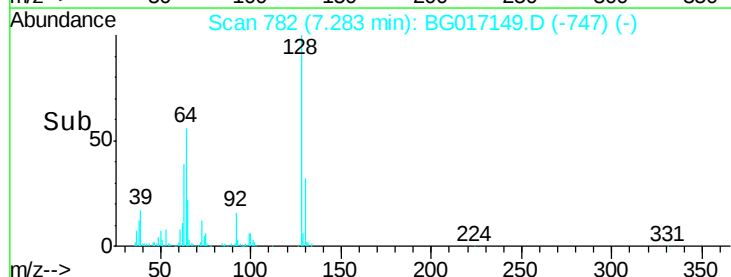
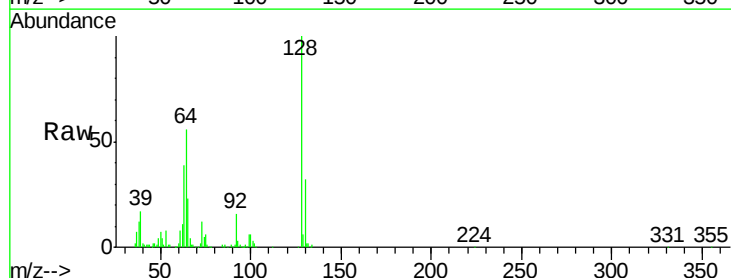
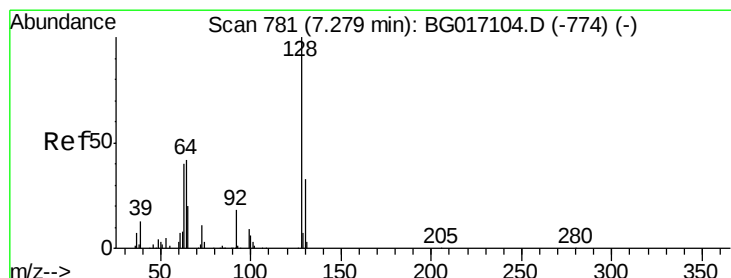
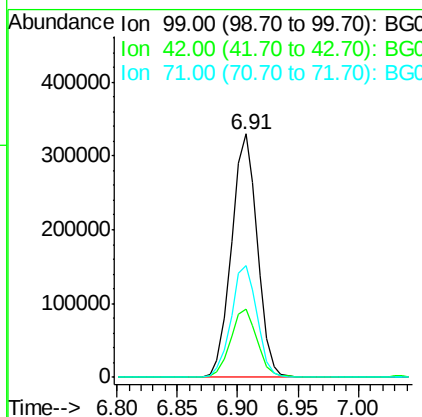
Tgt Ion: 99 Resp: 490953

Ion Ratio Lower Upper

99 100

42 28.2 23.5 35.3

71 45.9 39.8 59.8



#8

2-Chlorophenol

Concen: 36.68 ng

RT: 7.28 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

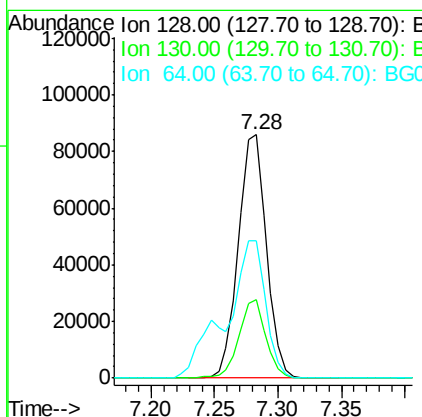
Tgt Ion: 128 Resp: 131517

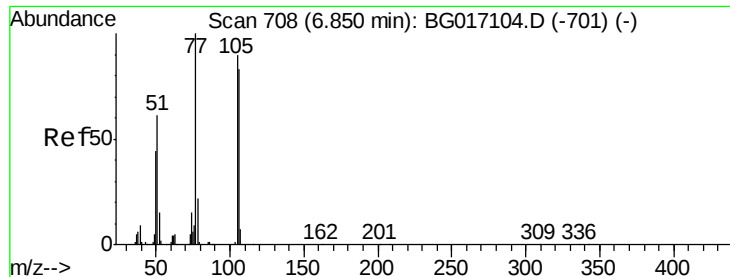
Ion Ratio Lower Upper

128 100

130 32.5 13.3 53.3

64 56.4 30.9 70.9





#9

Benzaldehyde

Concen: 8.98 ng

RT: 6.85 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

Instrument :

BNA_G

ClientSampleId :

PB83305BS

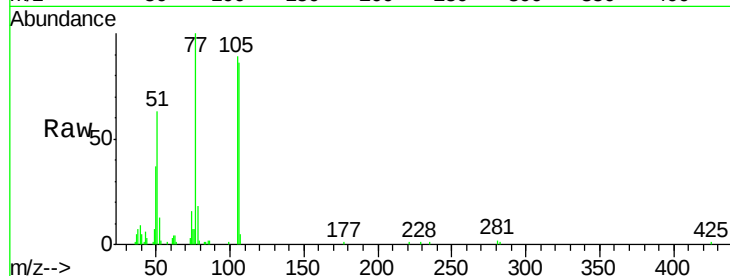
Tgt Ion: 77 Resp: 30714

Ion Ratio Lower Upper

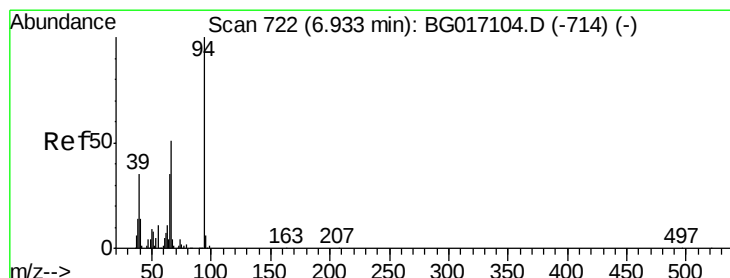
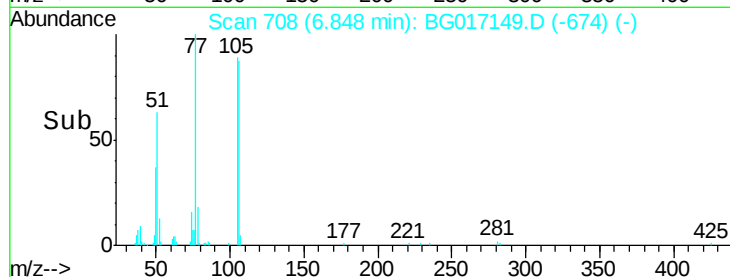
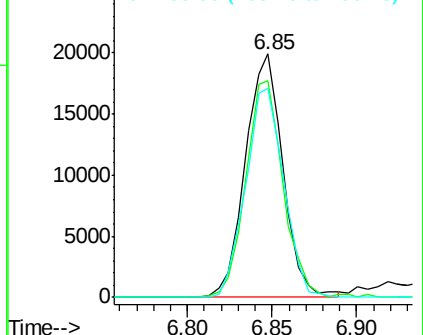
77 100

105 88.8 69.5 109.5

106 86.0 63.4 103.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.81 ng

RT: 6.93 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

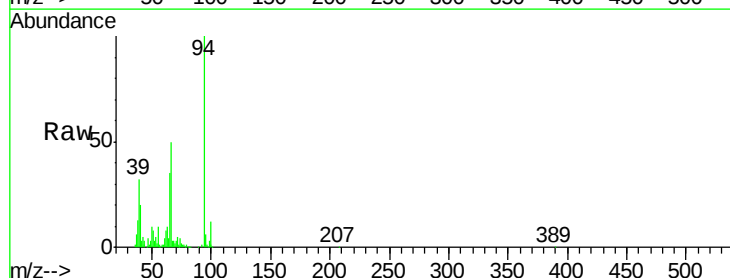
Tgt Ion: 94 Resp: 173097

Ion Ratio Lower Upper

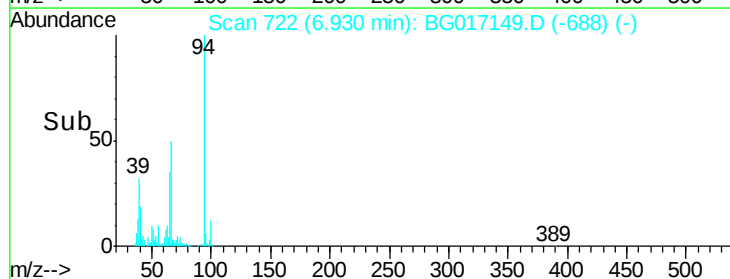
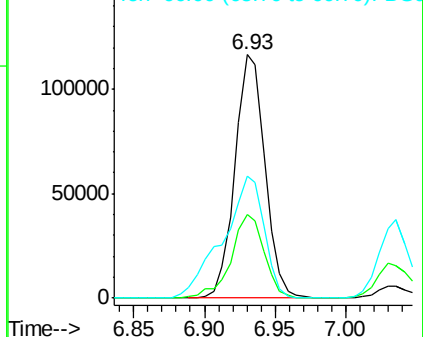
94 100

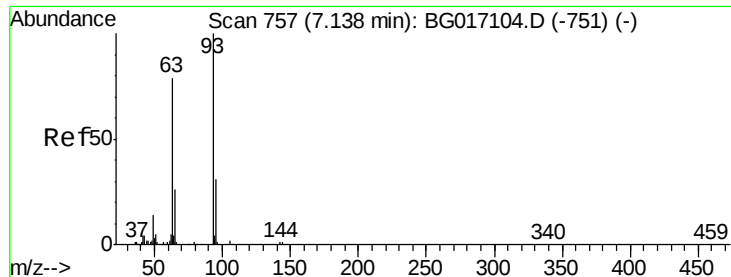
65 34.5 15.0 55.0

66 50.4 32.1 72.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

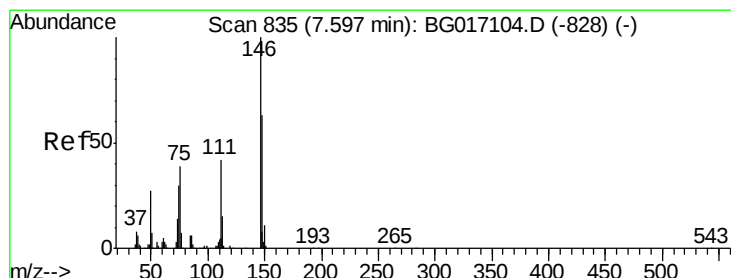
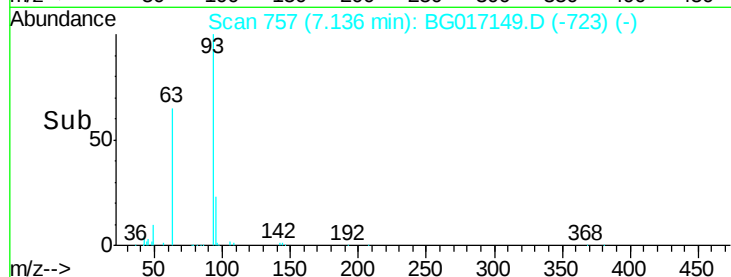
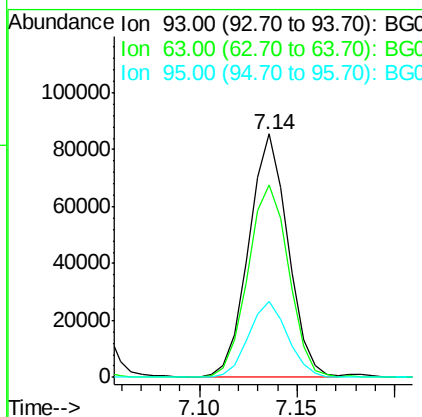
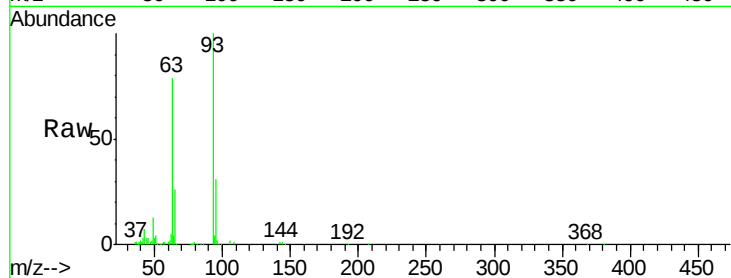




#11
bis(2-Chloroethyl)ether
Concen: 35.41 ng
RT: 7.14 min Scan# 757
Delta R.T. -0.00 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

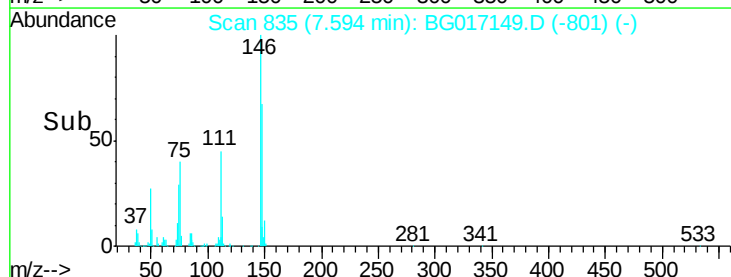
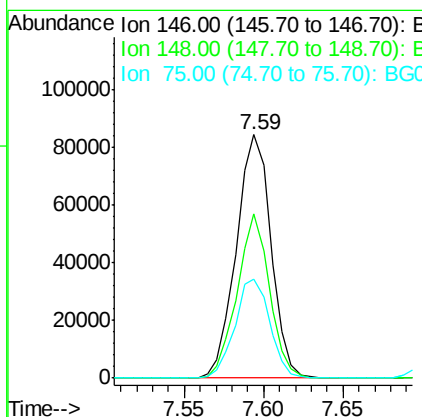
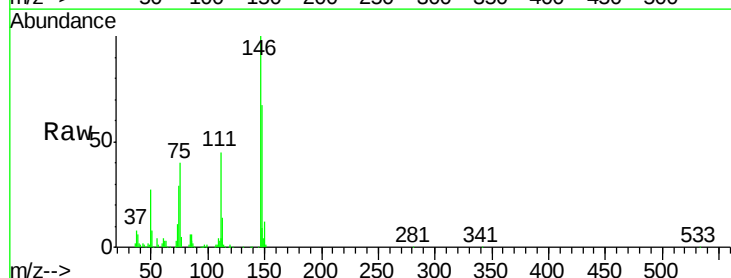
Instrument :
BNA_G
ClientSampleId :
PB83305BS

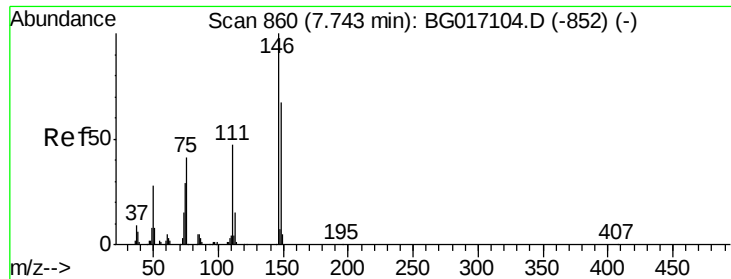
Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.8	58.5	98.5
95	31.3	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 31.86 ng
RT: 7.59 min Scan# 835
Delta R.T. -0.00 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	50.6	75.8
75	40.4	31.4	47.2





#13

1,4-Dichlorobenzene

Concen: 31.85 ng

RT: 7.74 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

Instrument :

BNA_G

ClientSampled :

PB83305BS

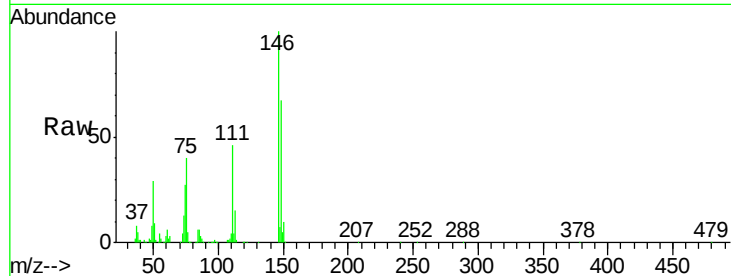
Tgt Ion:146 Resp: 128728

Ion Ratio Lower Upper

146 100

148 67.0 53.9 80.9

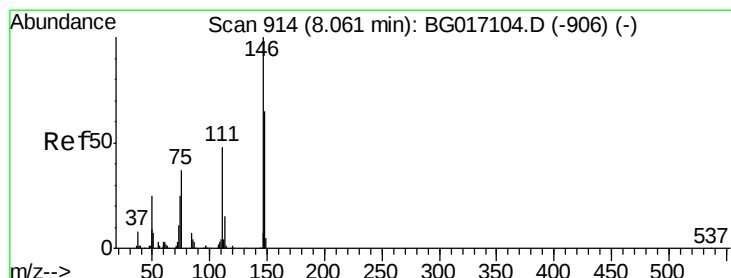
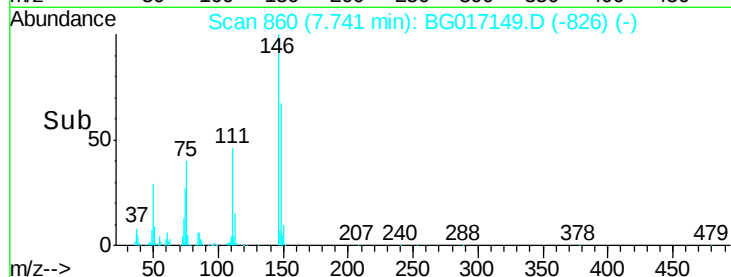
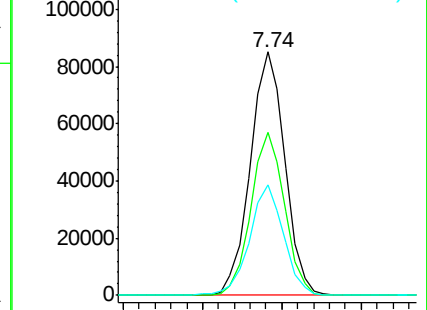
111 45.6 37.9 56.9



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: 32.16 ng

RT: 8.06 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

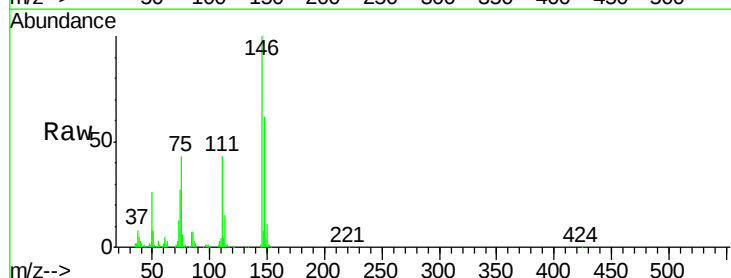
Tgt Ion:146 Resp: 124155

Ion Ratio Lower Upper

146 100

148 61.7 52.3 78.5

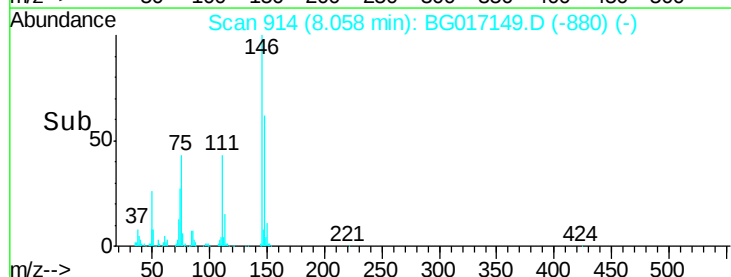
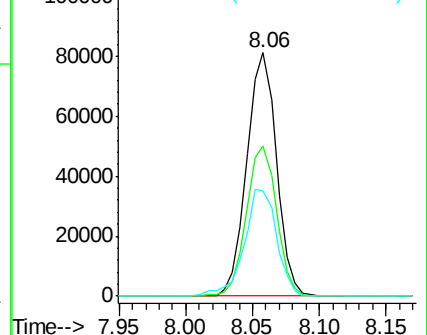
111 43.3 39.0 58.4

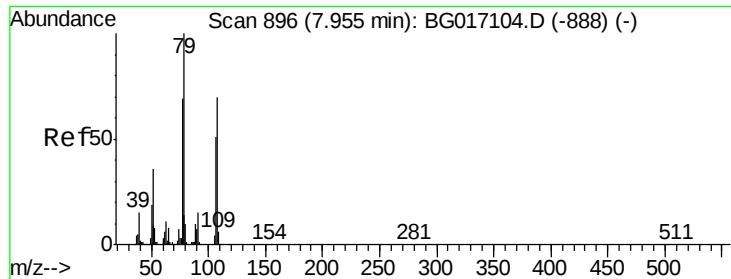


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.32 ng

RT: 7.95 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

Instrument :

BNA_G

ClientSampleId :

PB83305BS

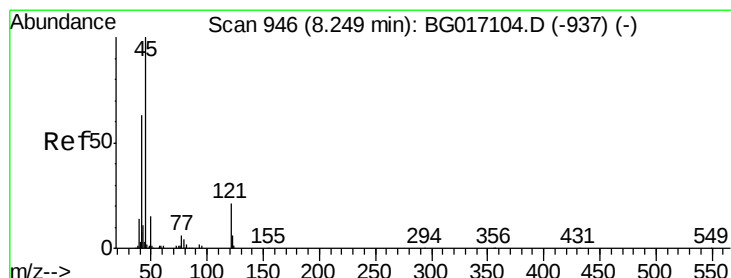
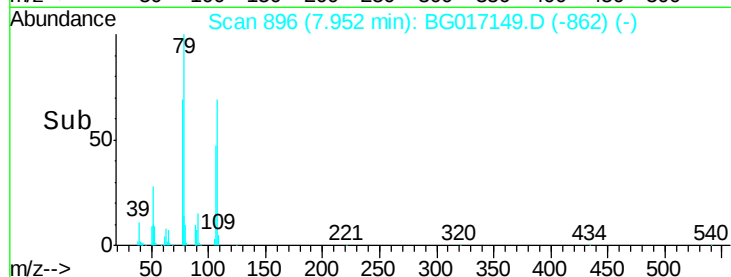
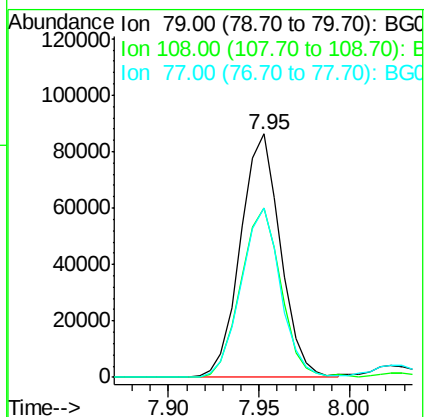
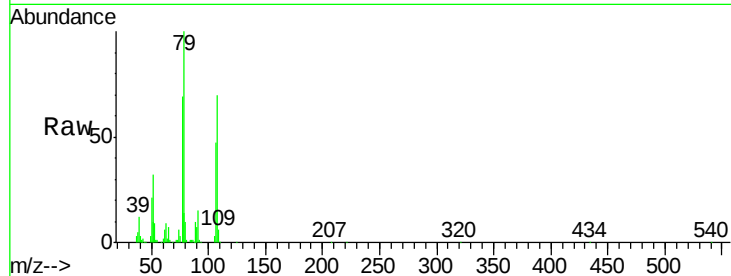
Tgt Ion: 79 Resp: 132056

Ion Ratio Lower Upper

79 100

108 69.6 55.8 83.6

77 69.4 55.4 83.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.60 ng

RT: 8.25 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

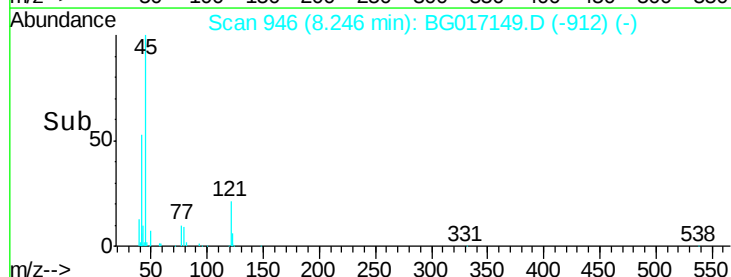
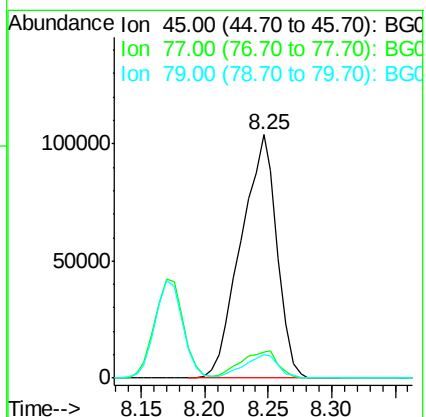
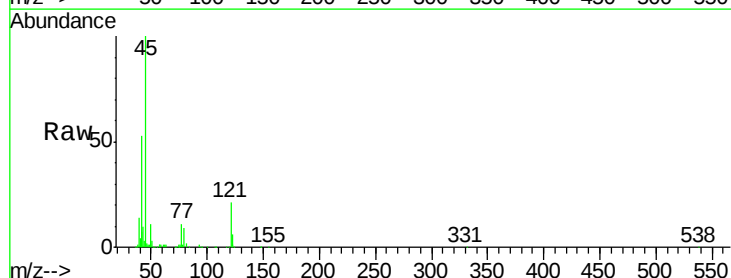
Tgt Ion: 45 Resp: 203874

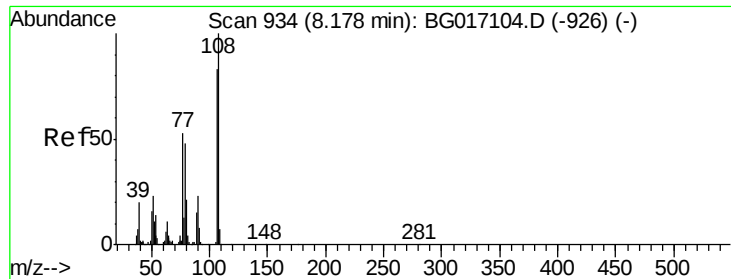
Ion Ratio Lower Upper

45 100

77 10.7 0.0 32.5

79 9.5 0.0 29.4

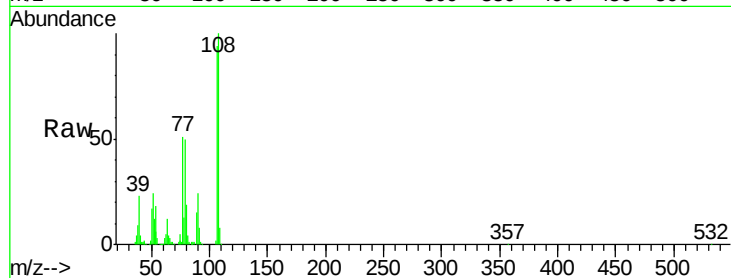




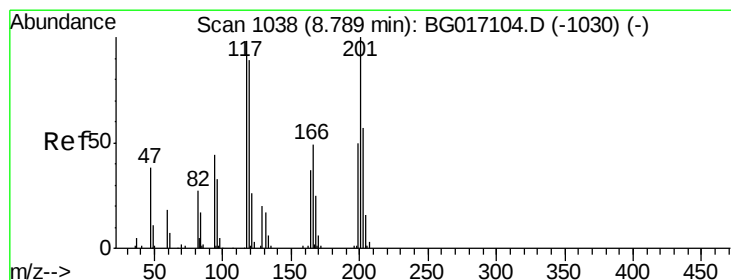
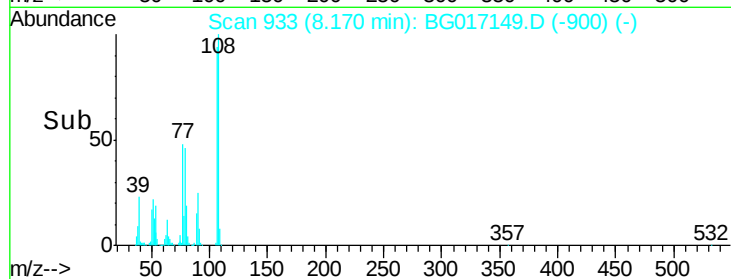
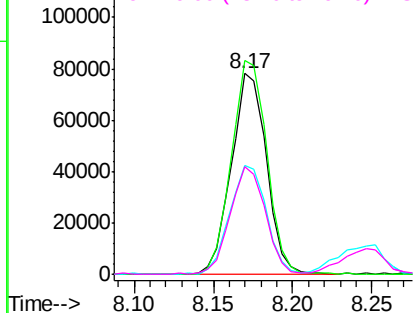
#17
2-Methylphenol
Concen: 36.99 ng
RT: 8.17 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

Instrument :
BNA_G
ClientSampleId :
PB83305BS

Tgt Ion:	107	Resp:	119630
Ion	Ratio	Lower	Upper
107	100		
108	106.4	96.6	144.8
77	54.3	51.2	76.8
79	53.3	45.9	68.9

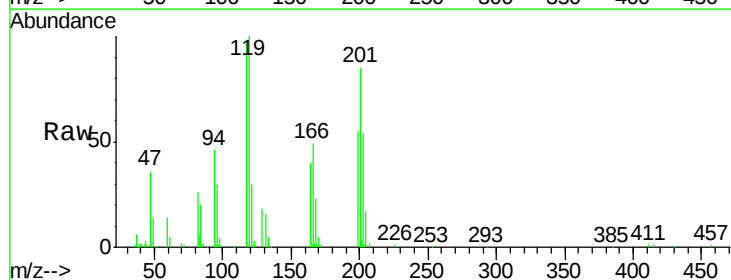


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

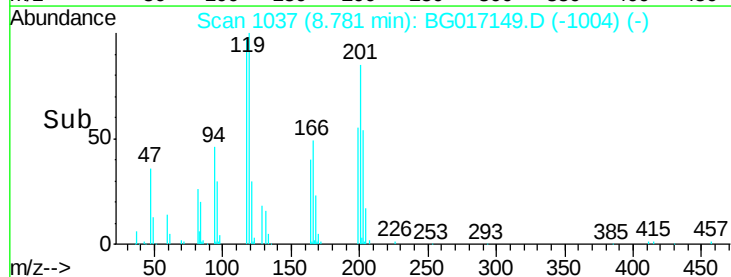
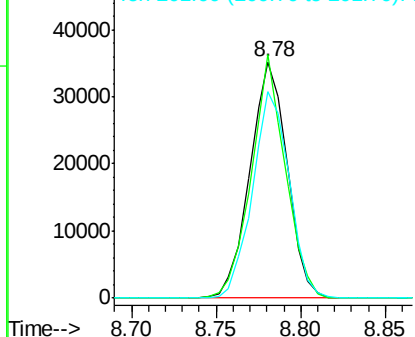


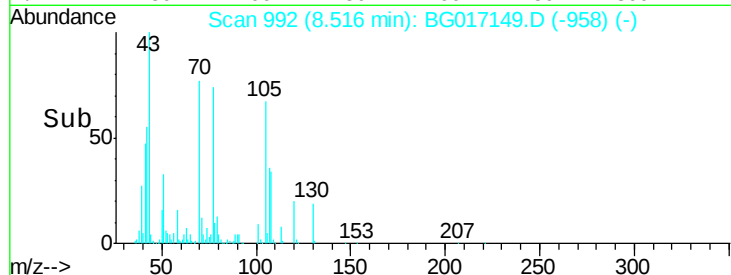
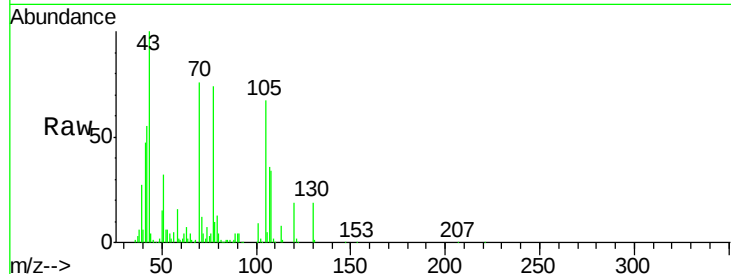
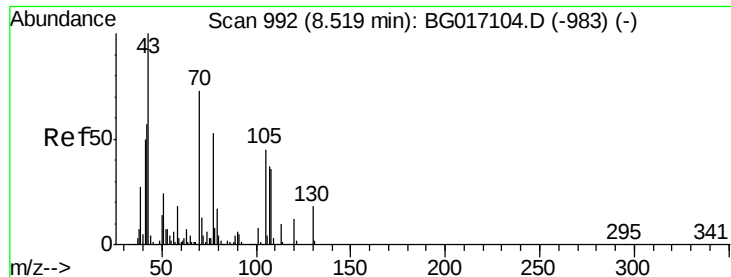
#18
Hexachloroethane
Concen: 31.92 ng
RT: 8.78 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

Tgt Ion:	117	Resp:	53882
Ion	Ratio	Lower	Upper
117	100		
119	103.1	73.0	109.6
201	87.4	81.7	122.5



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

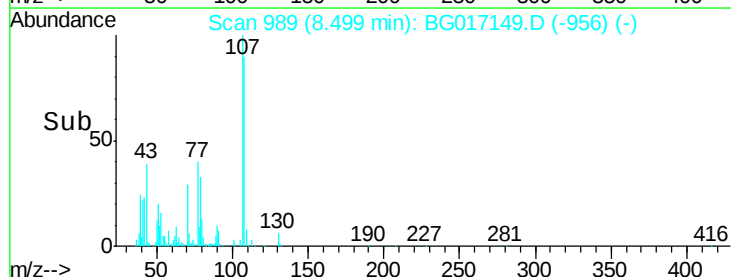
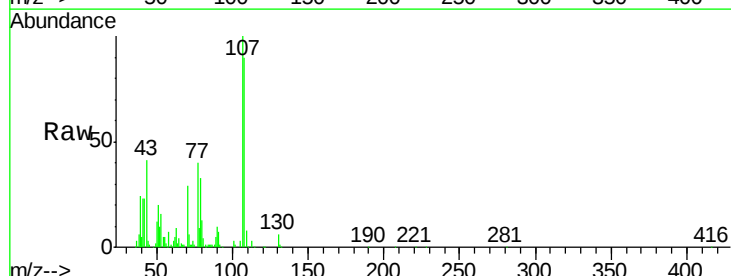
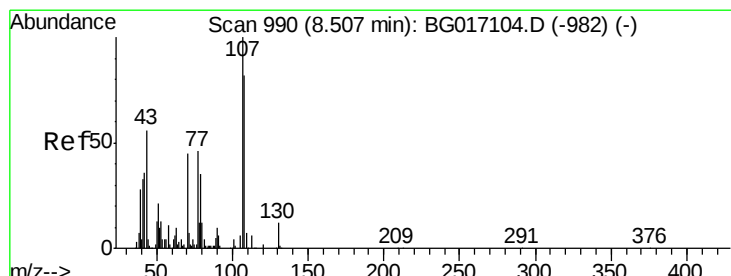
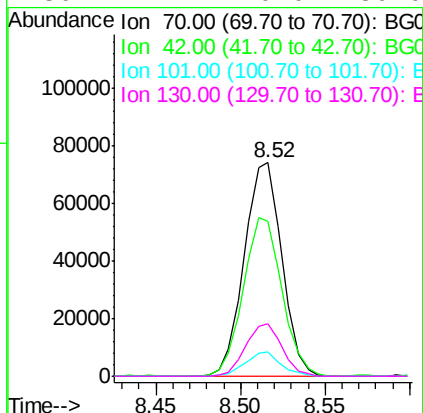




#19
n-Nitroso-di-n-propylamine
Concen: 31.28 ng
RT: 8.52 min Scan# 992
Delta R.T. -0.00 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

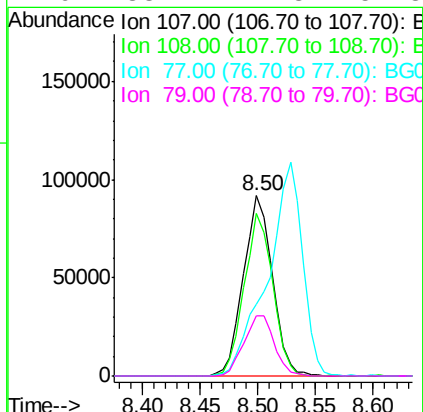
Instrument :
BNA_G
ClientSampleId :
PB83305BS

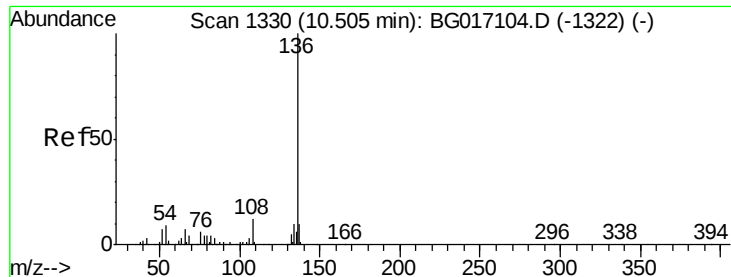
Tgt Ion:	70	Resp:	114603
Ion	Ratio	Lower	Upper
70	100		
42	72.3	62.6	94.0
101	11.7	9.0	13.4
130	24.4	20.0	30.0



#20
3+4-Methylphenols
Concen: 35.76 ng
RT: 8.50 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

Tgt Ion:	107	Resp:	160710
Ion	Ratio	Lower	Upper
107	100		
108	90.4	62.2	102.2
77	39.8	26.0	66.0
79	33.2	14.8	54.8

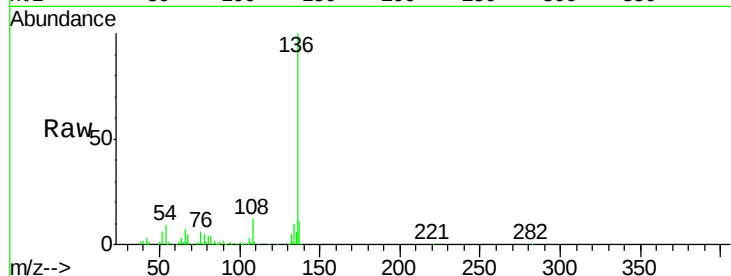




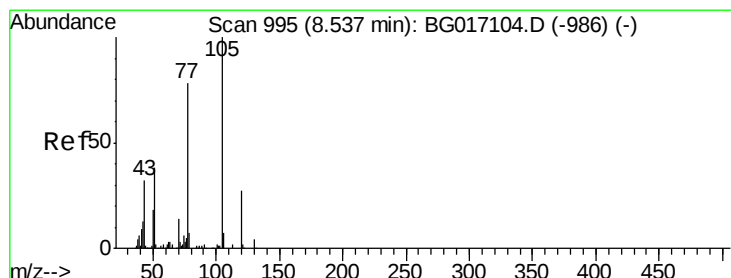
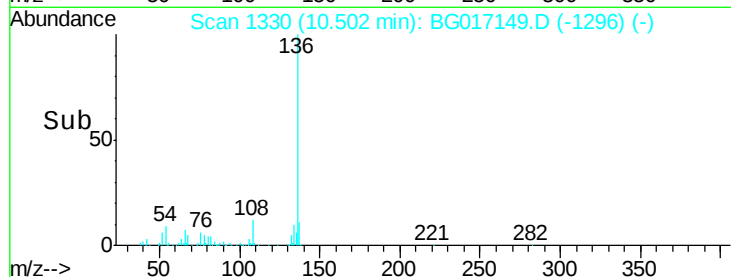
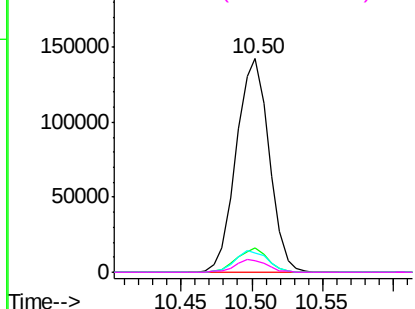
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.50 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

Instrument :
BNA_G
ClientSampleId :
PB83305BS

Tgt Ion:	136	Resp:	230720
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.3	12.5
54	9.2	7.4	11.2
68	5.2	3.6	5.4

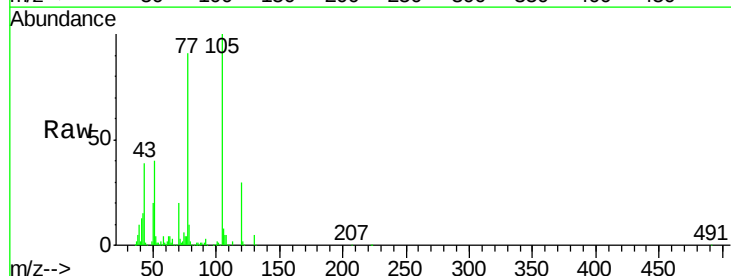


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

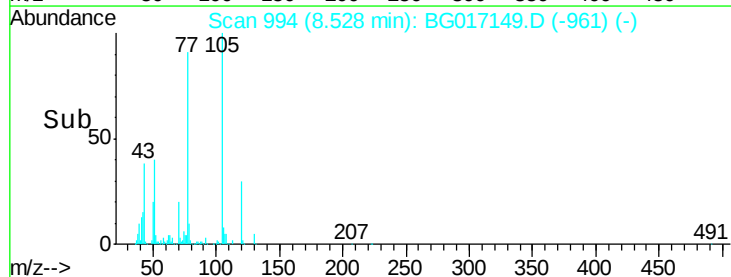
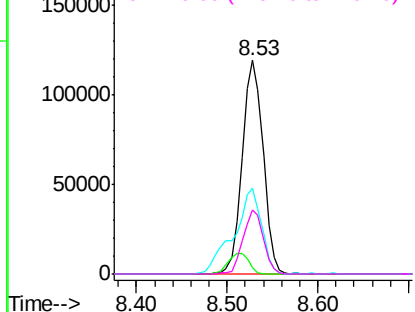


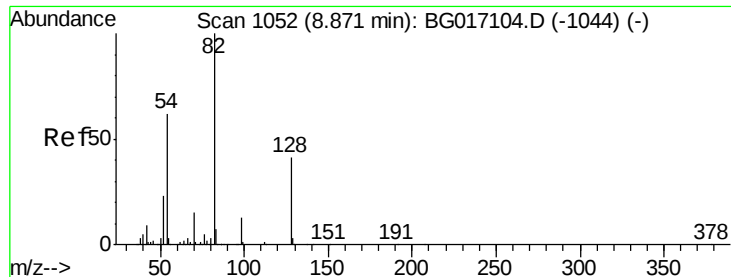
#22
Acetophenone
Concen: 34.08 ng
RT: 8.53 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

Tgt Ion:	105	Resp:	190850
Ion	Ratio	Lower	Upper
105	100		
71	2.9	2.2	3.4
51	39.9	32.8	49.2
120	30.1	21.8	32.6



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

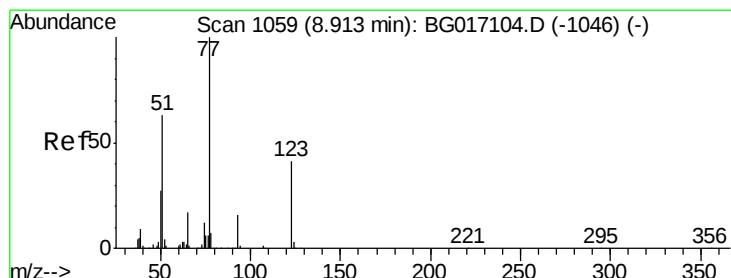
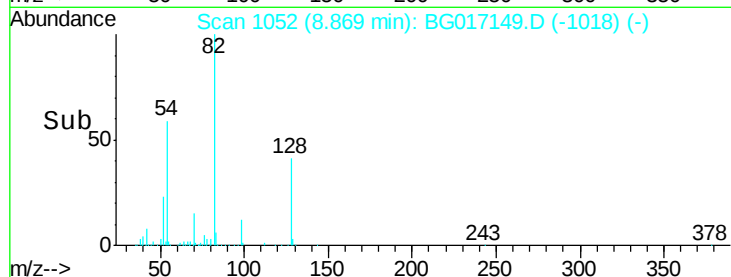
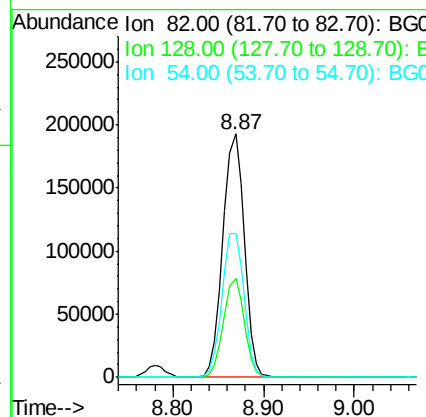
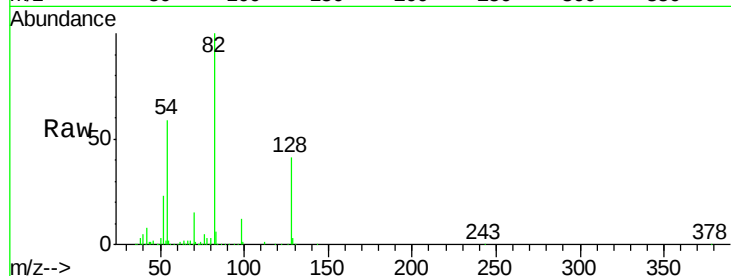




#23
 Nitrobenzene-d5
 Concen: 64.15 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BG017149.D
 Acq: 14 May 2015 20:09

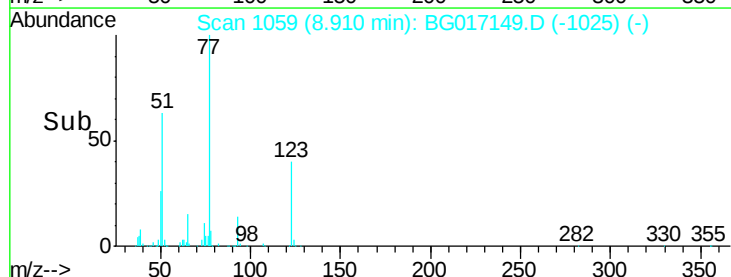
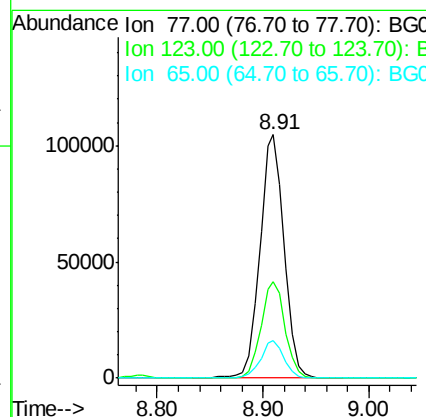
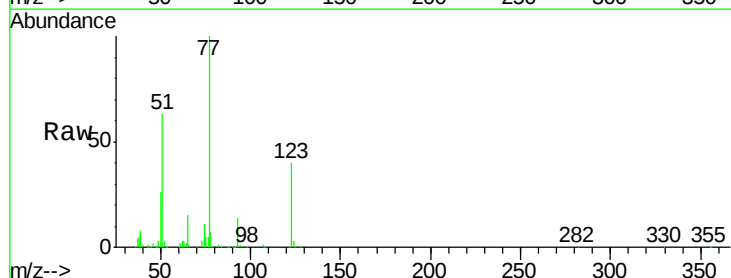
Instrument :
 BNA_G
 ClientSampleId :
 PB83305BS

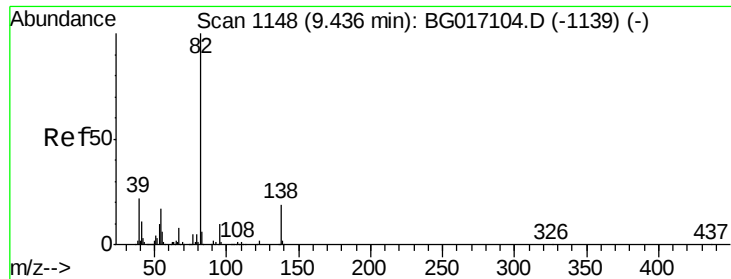
Tgt Ion: 82 Resp: 317006
 Ion Ratio Lower Upper
 82 100
 128 40.6 32.6 49.0
 54 59.2 49.6 74.4



#24
 Nitrobenzene
 Concen: 34.54 ng
 RT: 8.91 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BG017149.D
 Acq: 14 May 2015 20:09

Tgt Ion: 77 Resp: 167026
 Ion Ratio Lower Upper
 77 100
 123 39.6 33.0 49.4
 65 15.3 13.3 19.9

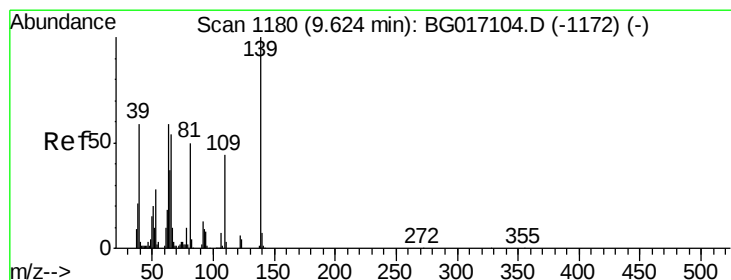
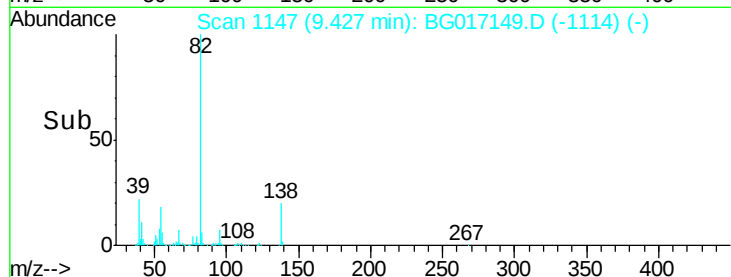
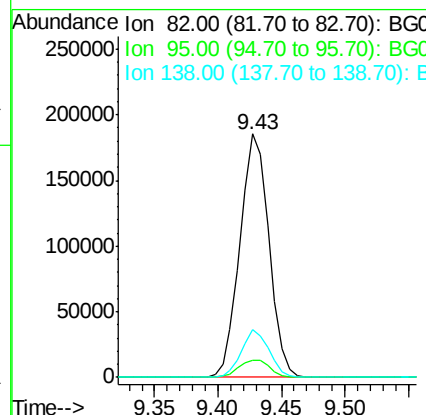
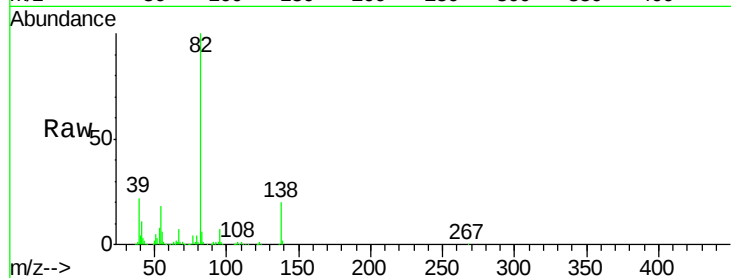




#25
Isophorone
Concen: 32.24 ng
RT: 9.43 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

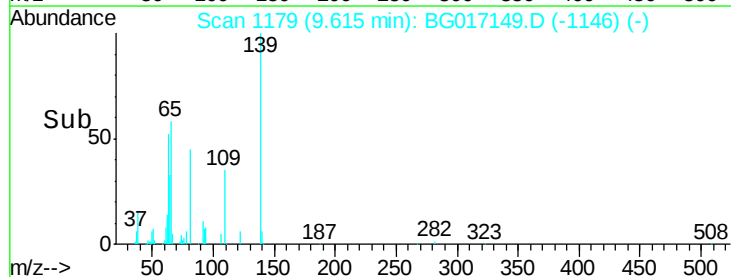
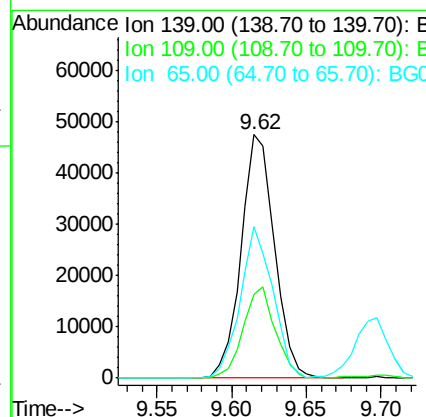
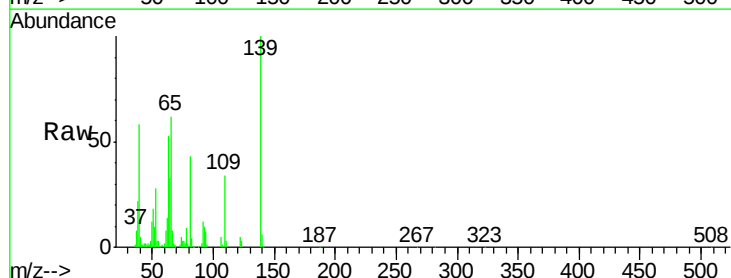
Instrument :
BNA_G
ClientSampleId :
PB83305BS

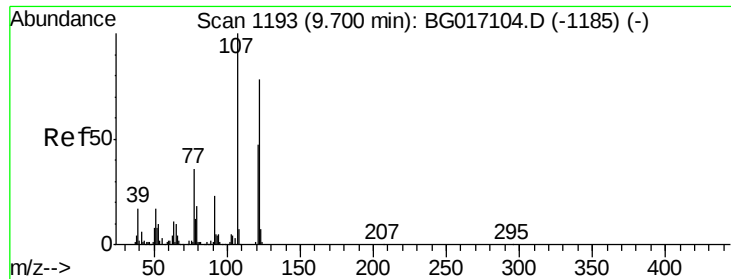
Tgt Ion: 82 Resp: 293707
Ion Ratio Lower Upper
82 100
95 6.9 7.7 11.5#
138 19.5 15.0 22.6



#26
2-Nitrophenol
Concen: 34.00 ng
RT: 9.62 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

Tgt Ion: 139 Resp: 73498
Ion Ratio Lower Upper
139 100
109 34.3 34.9 52.3#
65 62.0 43.0 64.4





#27

2,4-Dimethylphenol

Concen: 37.35 ng

RT: 9.70 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

Instrument :

BNA_G

ClientSampleId :

PB83305BS

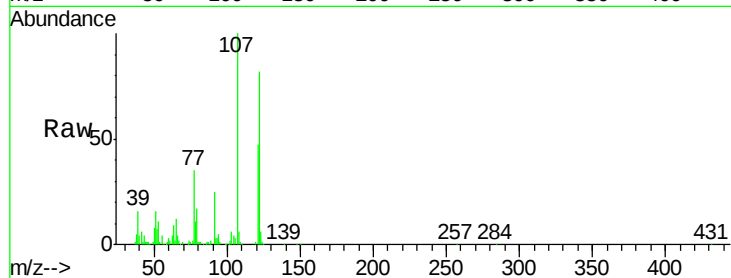
Tgt Ion:122 Resp: 132858

Ion Ratio Lower Upper

122 100

107 122.5 102.3 153.5

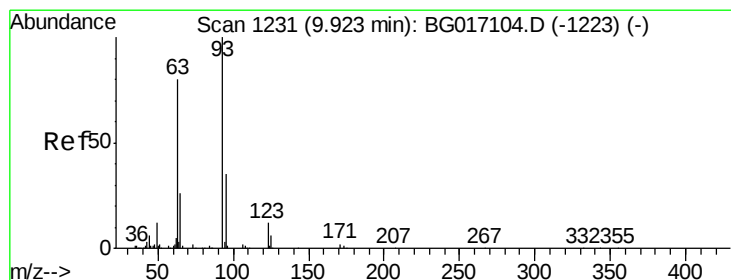
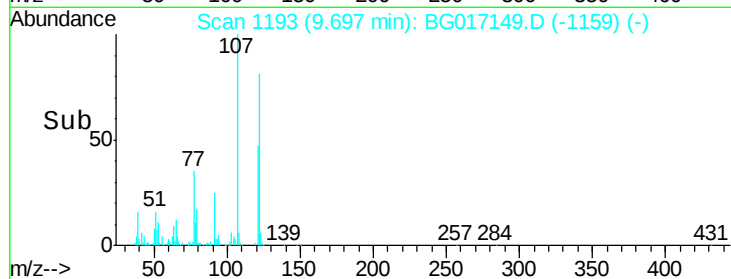
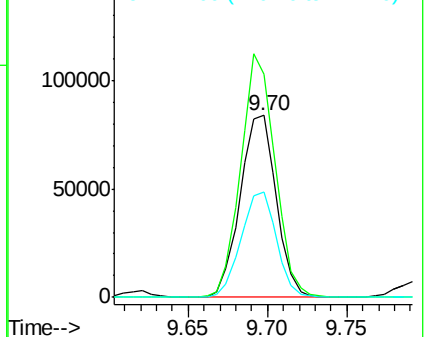
121 57.7 48.7 73.1



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: 35.72 ng

RT: 9.92 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

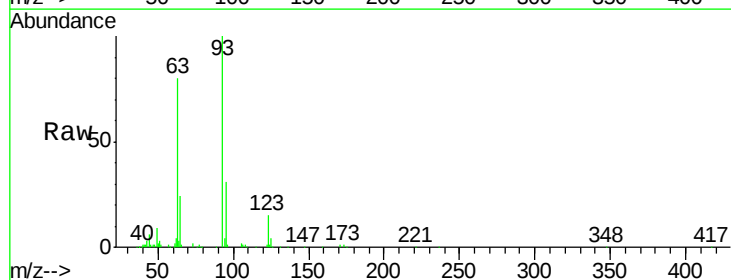
Tgt Ion: 93 Resp: 158424

Ion Ratio Lower Upper

93 100

95 31.5 28.0 42.0

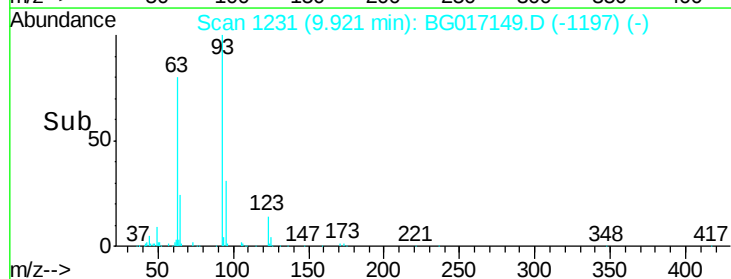
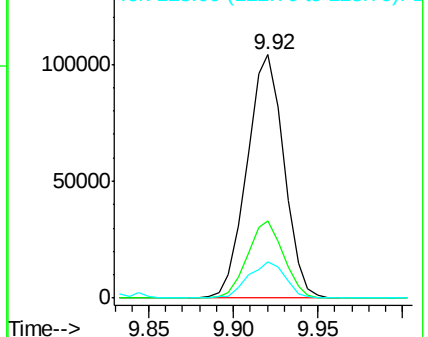
123 14.6 10.3 15.5

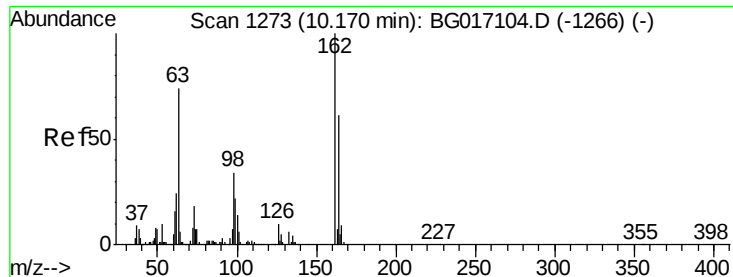


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

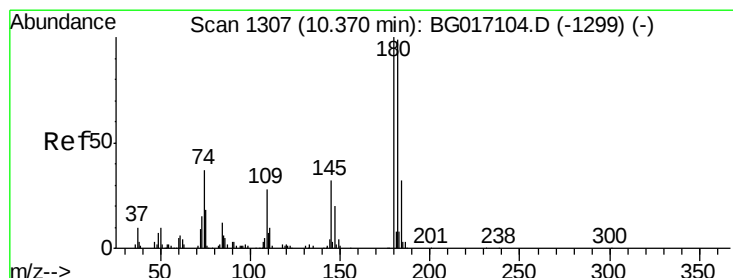
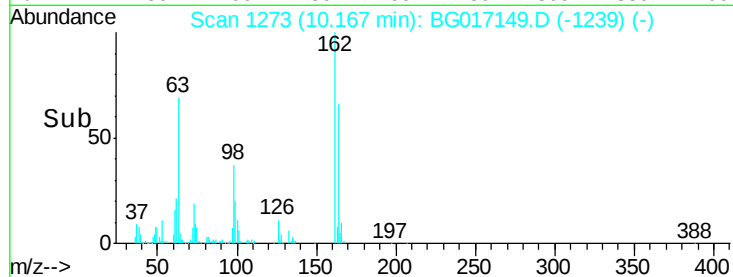
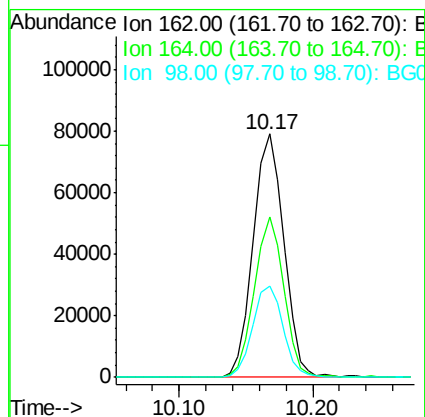
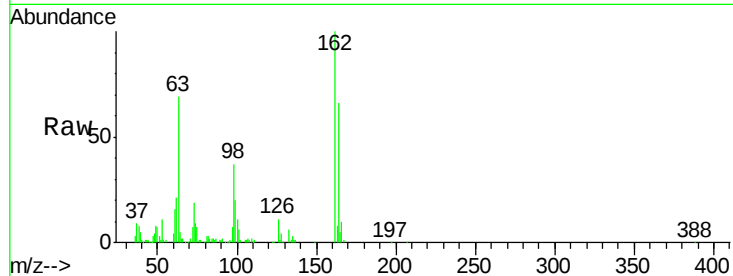




#29
 2,4-Dichlorophenol
 Concen: 37.40 ng
 RT: 10.17 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG017149.D
 Acq: 14 May 2015 20:09

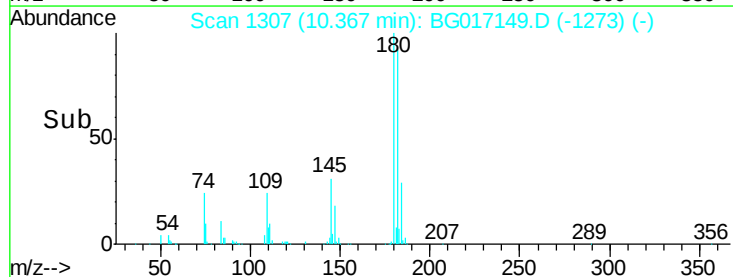
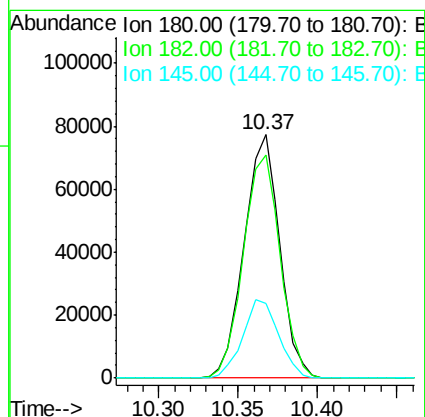
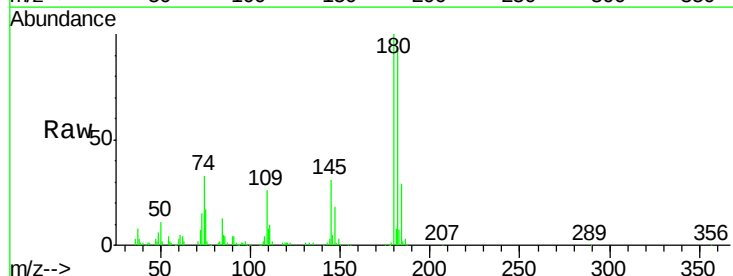
Instrument :
 BNA_G
 ClientSampleId :
 PB83305BS

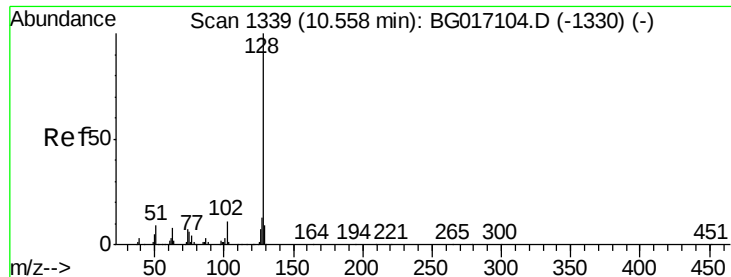
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.1	41.4	81.4
98	37.4	14.3	54.3



#30
 1,2,4-Trichlorobenzene
 Concen: 31.61 ng
 RT: 10.37 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: BG017149.D
 Acq: 14 May 2015 20:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.6	79.4	119.0
145	30.5	25.3	37.9

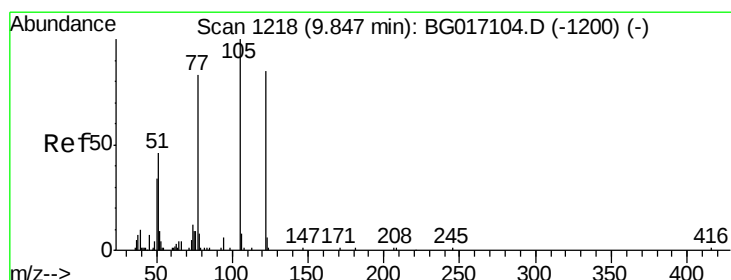
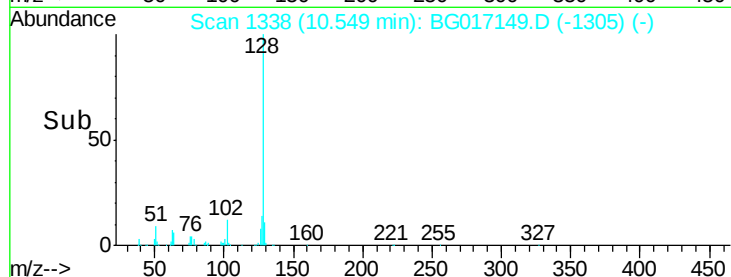
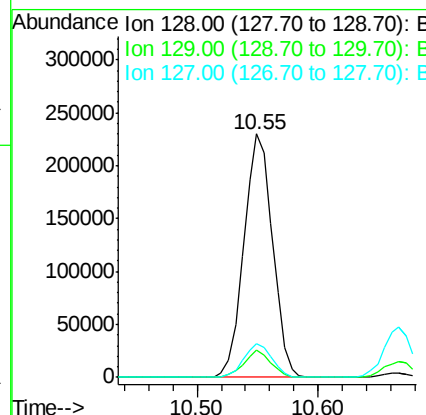
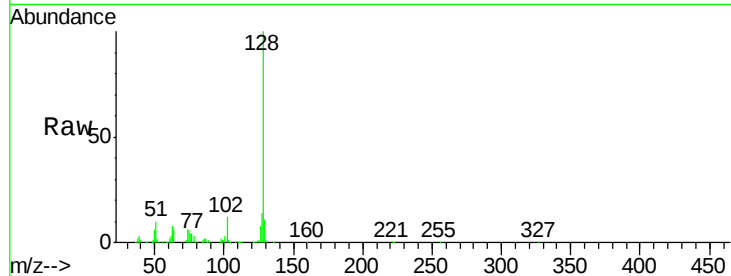




#31
Naphthalene
Concen: 33.71 ng
RT: 10.55 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

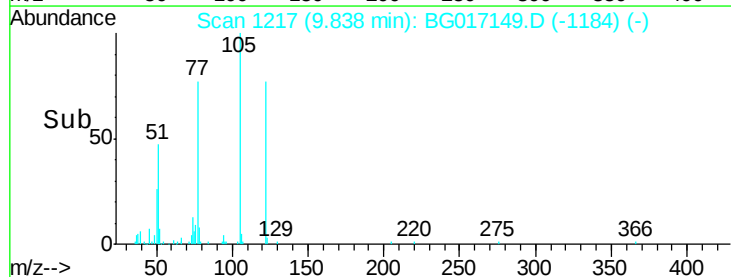
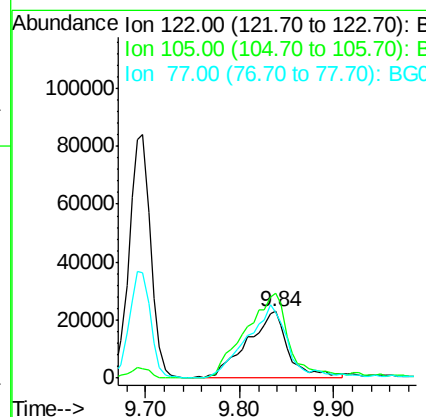
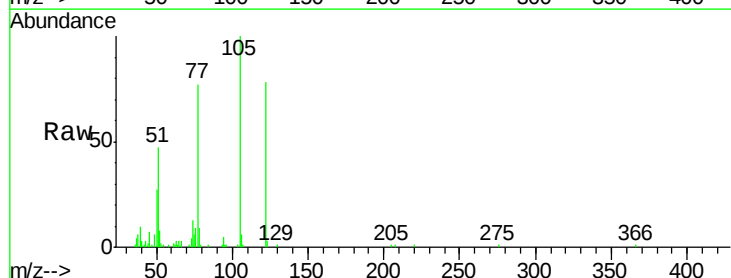
Instrument :
BNA_G
ClientSampleId :
PB83305BS

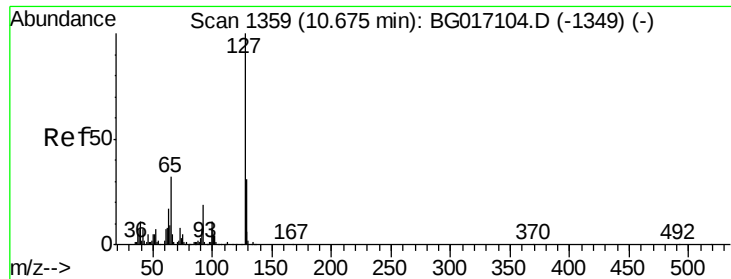
Tgt Ion:128 Resp: 380634
Ion Ratio Lower Upper
128 100
129 11.1 7.6 11.4
127 13.7 10.6 16.0



#32
Benzoic acid
Concen: 29.03 ng
RT: 9.84 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

Tgt Ion:122 Resp: 69995
Ion Ratio Lower Upper
122 100
105 127.7 96.7 136.7
77 98.3 78.5 118.5

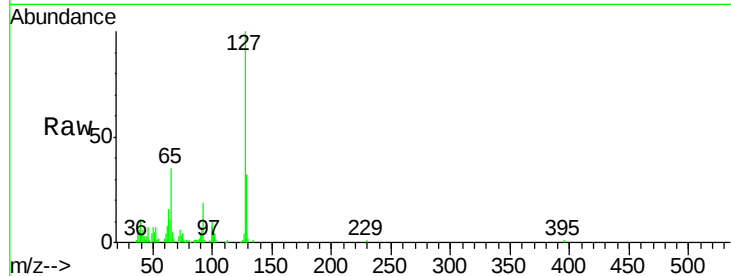




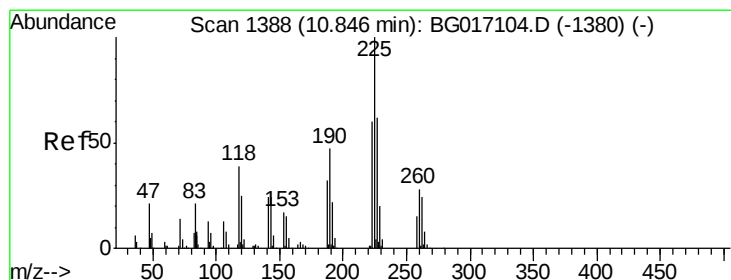
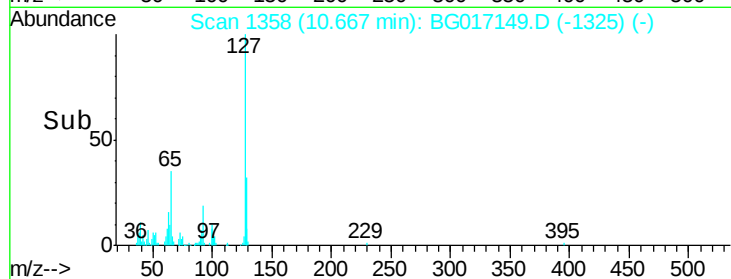
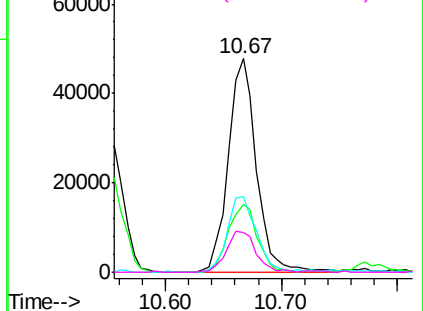
#33
4-Chloroaniline
Concen: 15.10 ng
RT: 10.67 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

Instrument :
BNA_G
ClientSampleId :
PB83305BS

Tgt Ion:	127	Resp:	80625
Ion	Ratio	Lower	Upper
127	100		
129	31.5	24.8	37.2
65	35.1	25.8	38.6
92	18.8	15.0	22.4

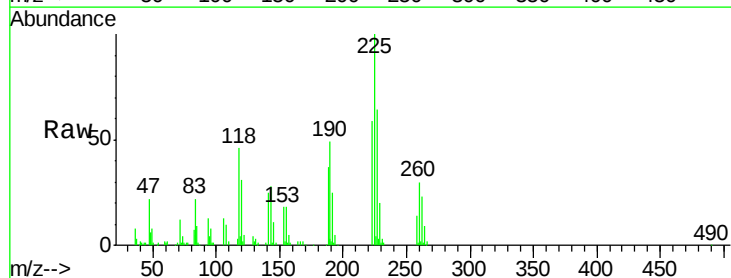


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

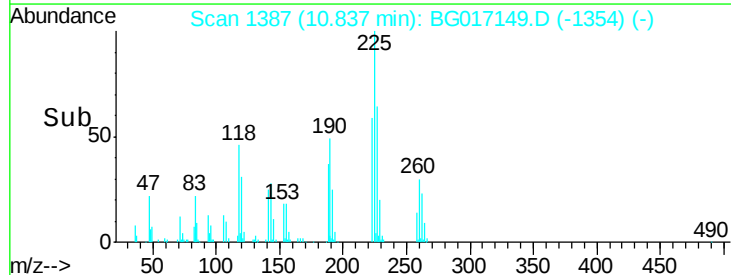
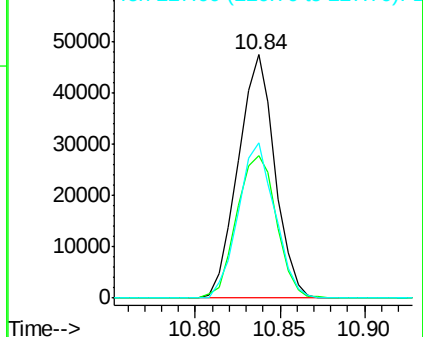


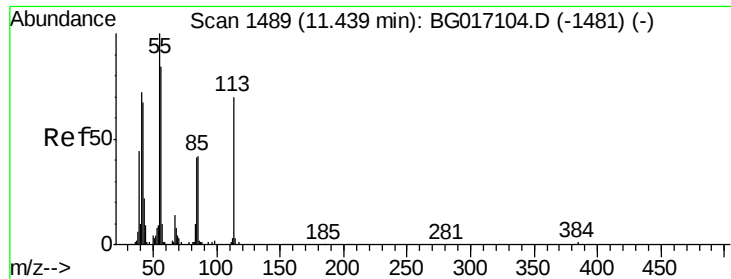
#34
Hexachlorobutadiene
Concen: 29.81 ng
RT: 10.84 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

Tgt Ion:	225	Resp:	71865
Ion	Ratio	Lower	Upper
225	100		
223	58.7	48.3	72.5
227	64.0	49.8	74.8



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





#35

Caprolactam

Concen: 15.13 ng

RT: 11.47 min Scan# 1494

Delta R.T. 0.03 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

Instrument :

BNA_G

ClientSampleId :

PB83305BS

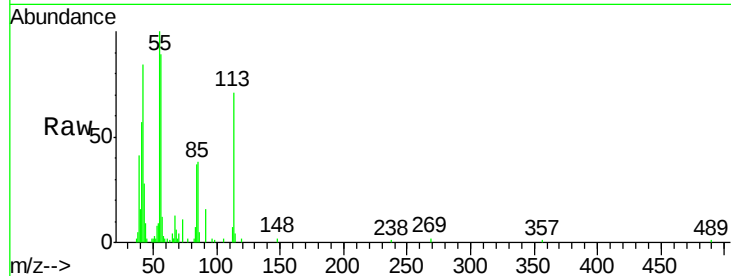
Tgt Ion:113 Resp: 25525

Ion Ratio Lower Upper

113 100

55 140.5 124.1 164.1

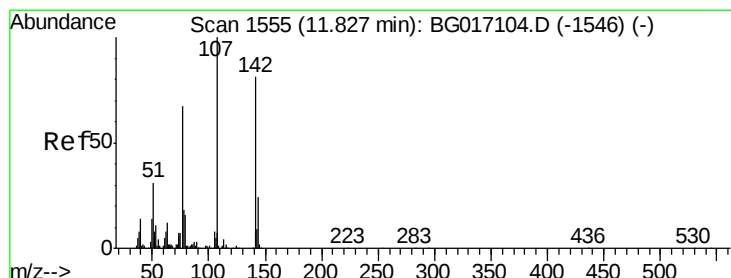
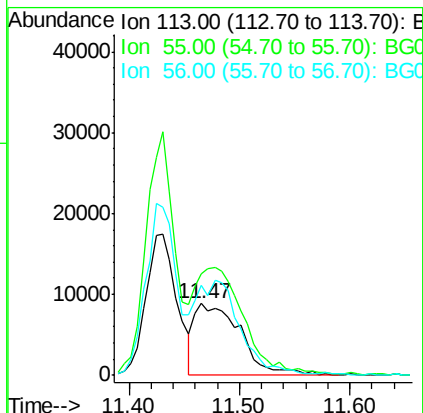
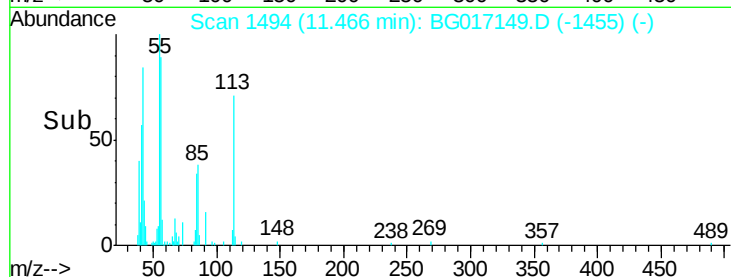
56 124.6 100.3 140.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 37.35 ng

RT: 11.82 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

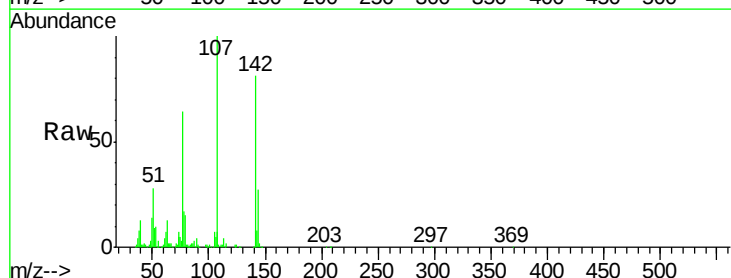
Tgt Ion:107 Resp: 158396

Ion Ratio Lower Upper

107 100

144 27.0 19.6 29.4

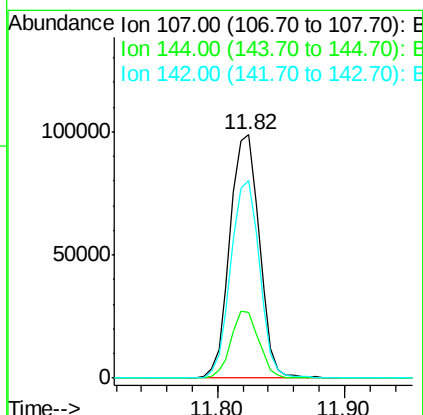
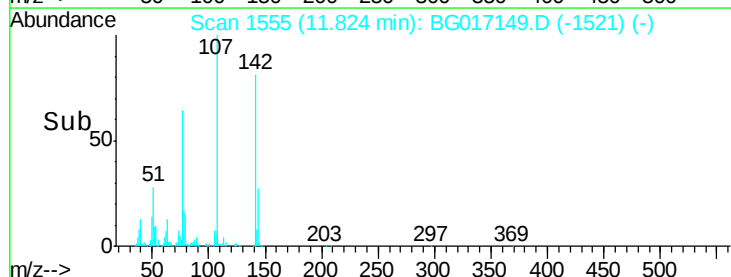
142 81.3 64.9 97.3

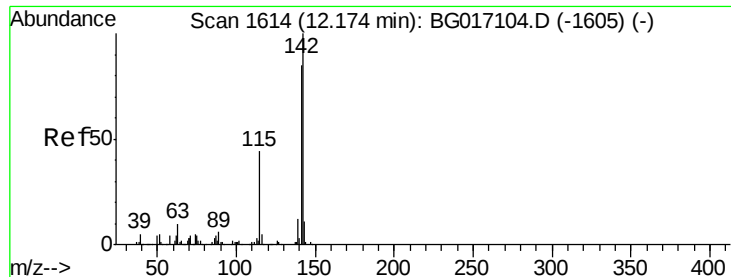


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

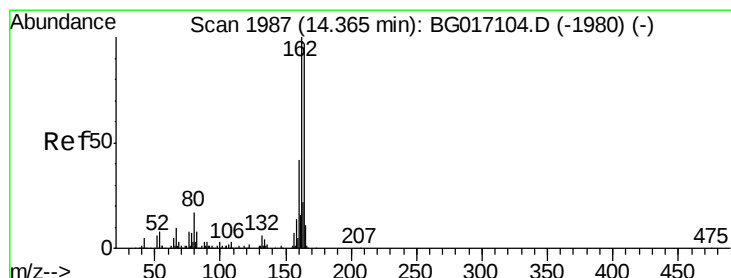
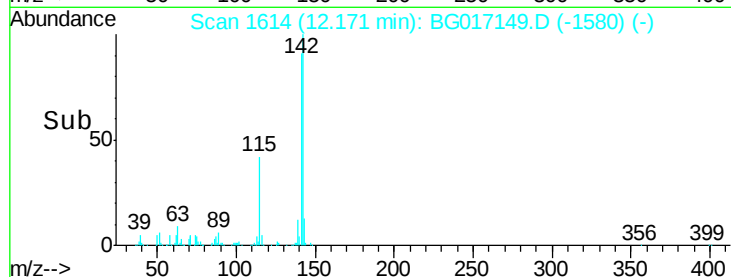
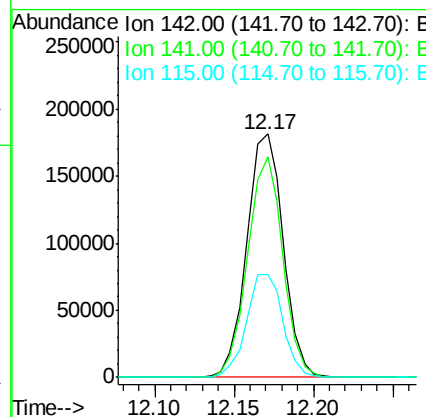
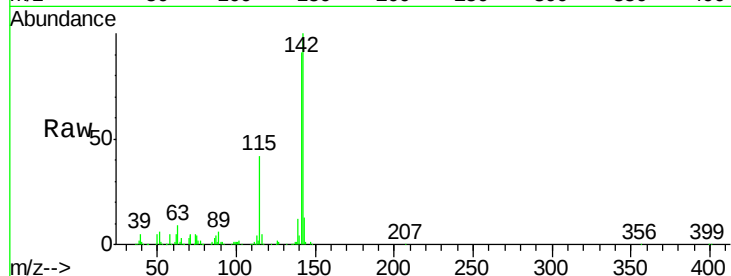




#37
 2-Methylnaphthalene
 Concen: 32.37 ng
 RT: 12.17 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BG017149.D
 Acq: 14 May 2015 20:09

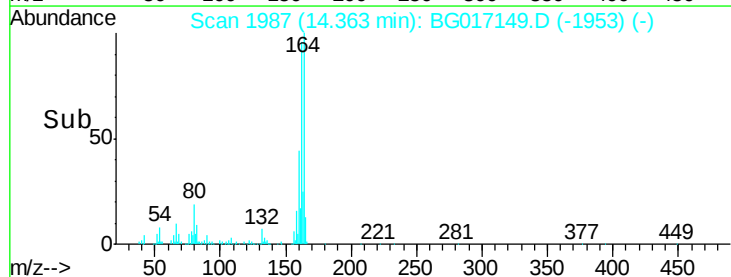
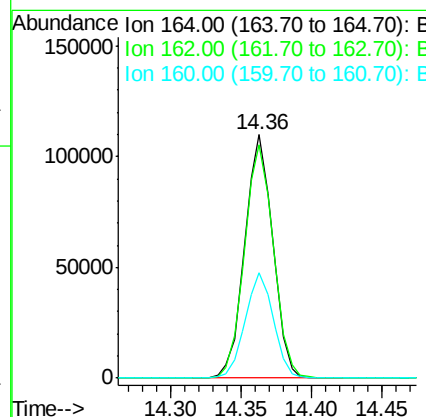
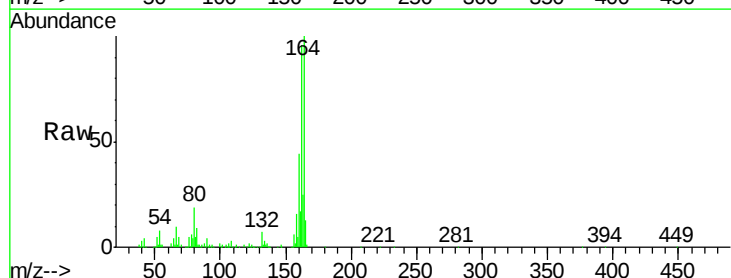
Instrument :
 BNA_G
 ClientSampleId :
 PB83305BS

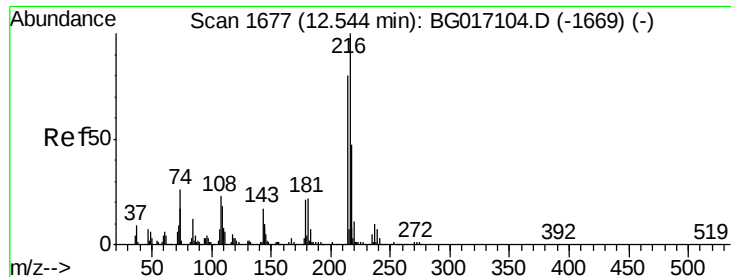
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	68.2	102.2
115	42.2	35.6	53.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG017149.D
 Acq: 14 May 2015 20:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.8	82.1	123.1
160	43.5	34.8	52.2

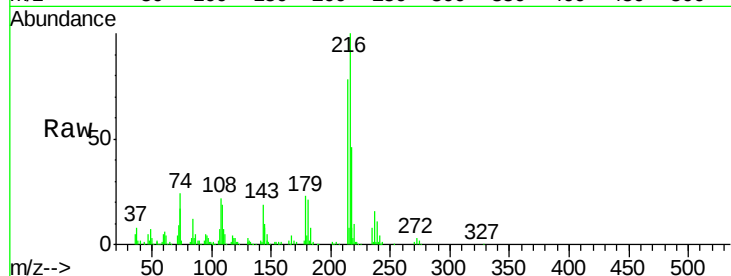




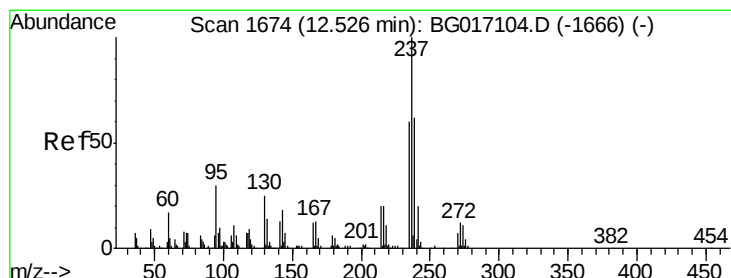
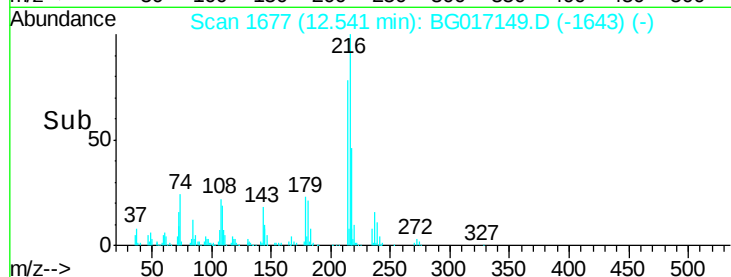
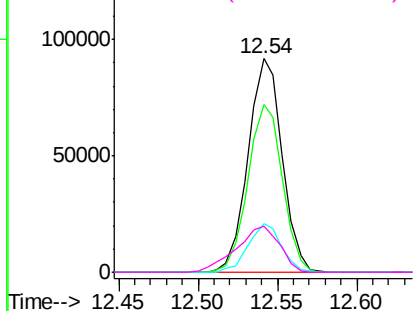
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.68 ng
 RT: 12.54 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG017149.D
 Acq: 14 May 2015 20:09

Instrument :
 BNA_G
 ClientSampleId :
 PB83305BS

Tgt Ion:	216	Resp:	136941
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.3	94.9
179	21.9	17.8	26.8
108	27.4	19.9	29.9

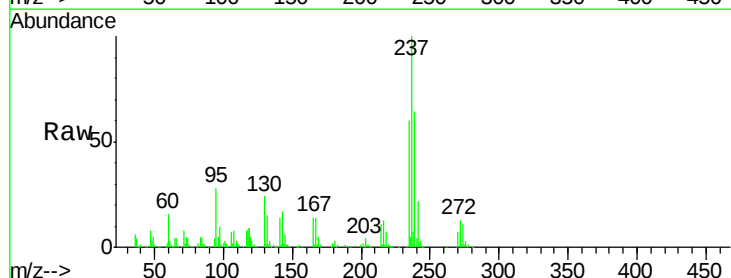


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

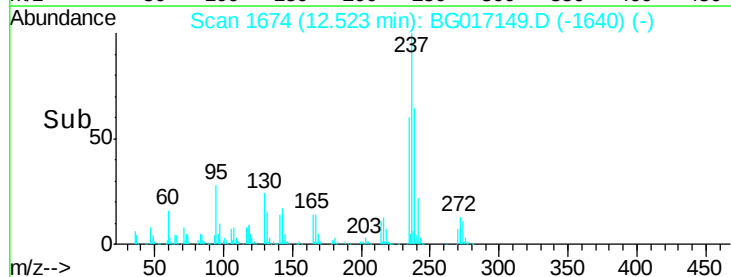
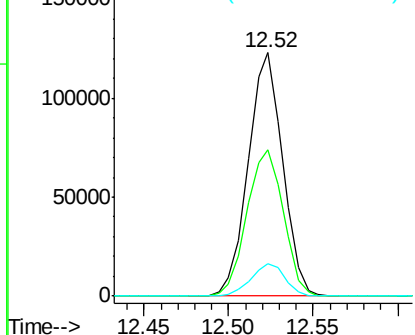


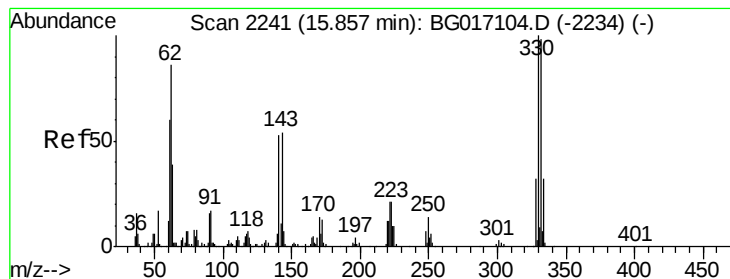
#40
 Hexachlorocyclopentadiene
 Concen: 66.12 ng
 RT: 12.52 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BG017149.D
 Acq: 14 May 2015 20:09

Tgt Ion:	237	Resp:	174318
Ion	Ratio	Lower	Upper
237	100		
235	60.1	39.7	79.7
272	13.4	0.0	32.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 103.15 ng

RT: 15.86 min Scan# 2242

Delta R.T. 0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

Instrument :

BNA_G

ClientSampleId :

PB83305BS

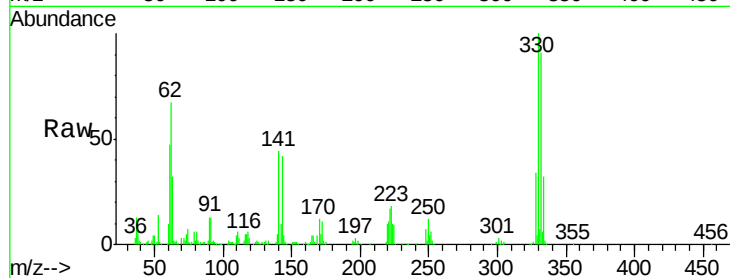
Tgt Ion:330 Resp: 190500

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

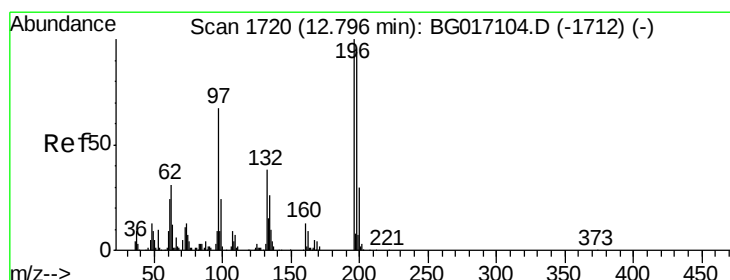
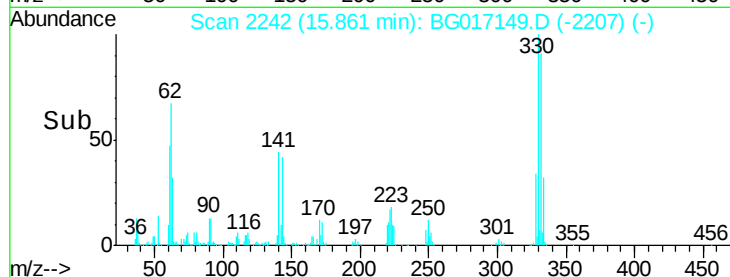
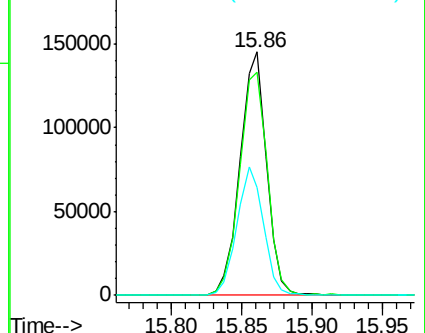
141 52.7 42.2 63.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 32.61 ng

RT: 12.79 min Scan# 1720

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

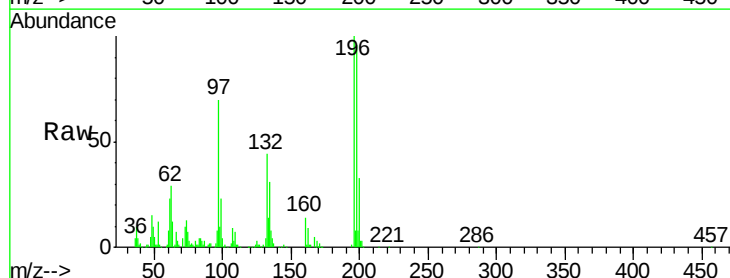
Tgt Ion:196 Resp: 99984

Ion Ratio Lower Upper

196 100

198 96.1 74.9 112.3

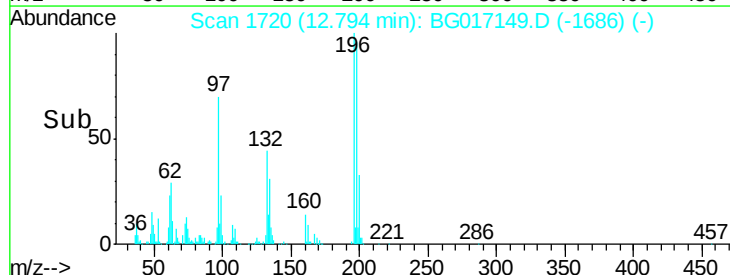
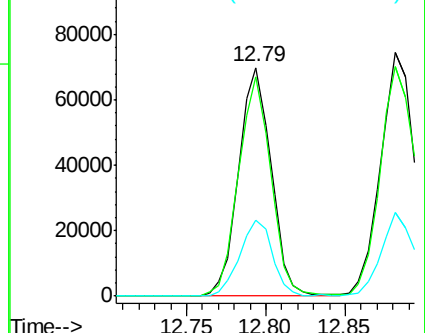
200 33.3 24.2 36.2

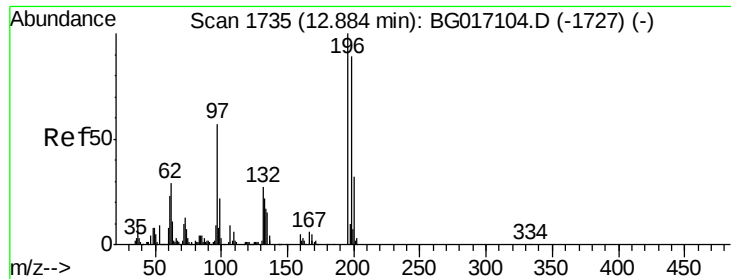


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

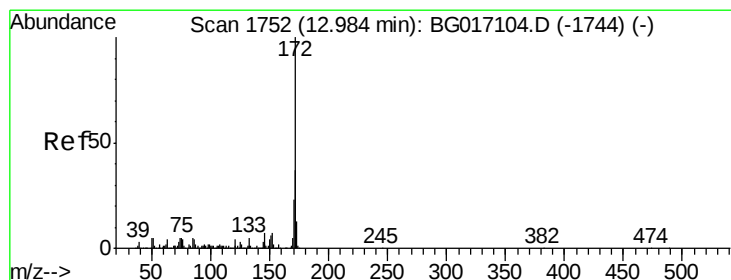
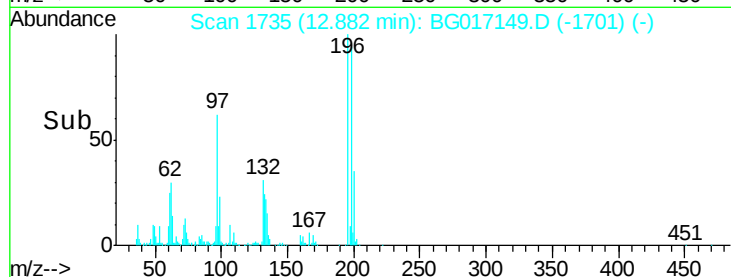
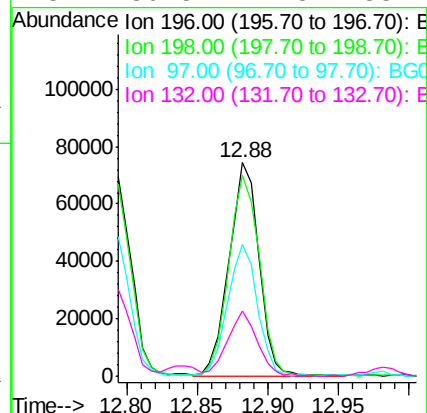
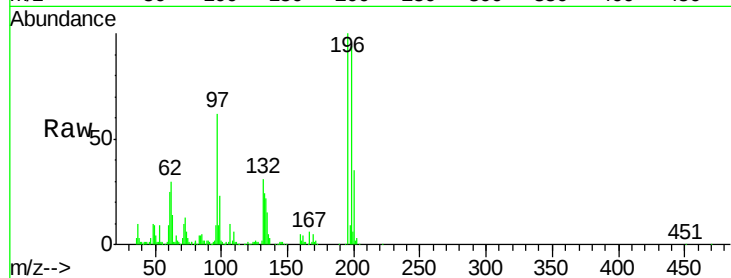




#43
 2,4,5-Trichlorophenol
 Concen: 34.63 ng
 RT: 12.88 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG017149.D
 Acq: 14 May 2015 20:09

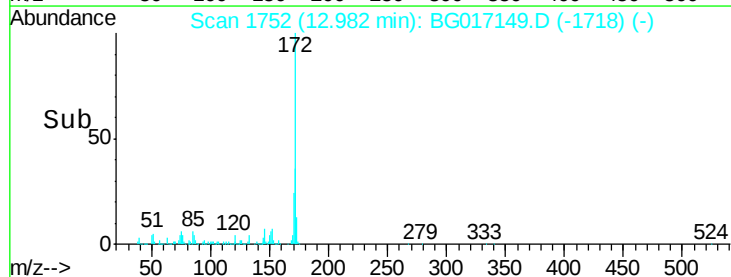
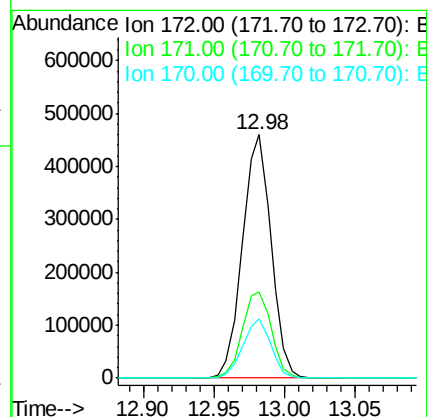
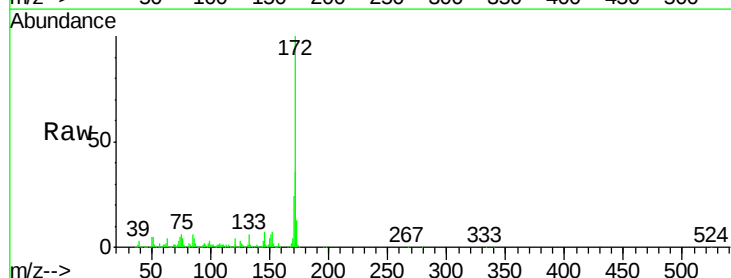
Instrument :
 BNA_G
 ClientSampleId :
 PB83305BS

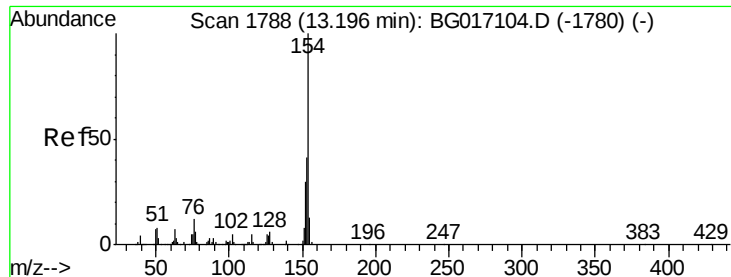
Tgt Ion:	196	Resp:	109401
Ion	Ratio	Lower	Upper
196	100		
198	94.1	71.4	107.0
97	61.8	45.4	68.0
132	30.8	22.5	33.7



#44
 2-Fluorobiphenyl
 Concen: 62.50 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017149.D
 Acq: 14 May 2015 20:09

Tgt Ion:	172	Resp:	650690
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.2	18.4	27.6

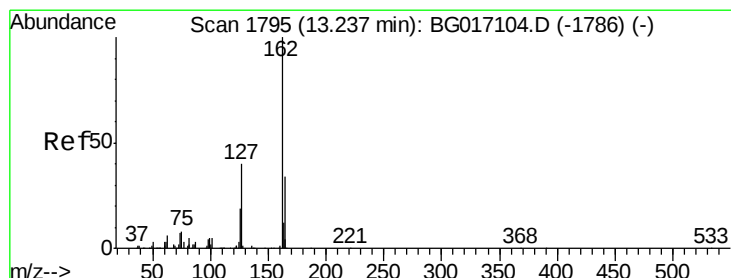
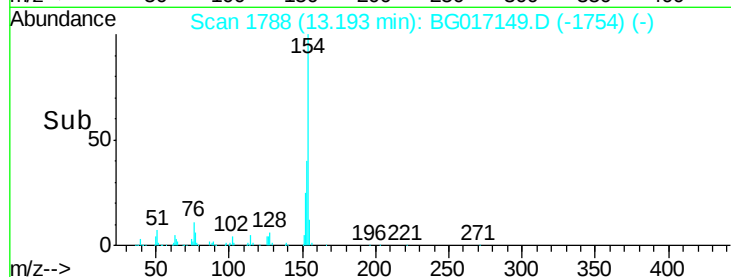
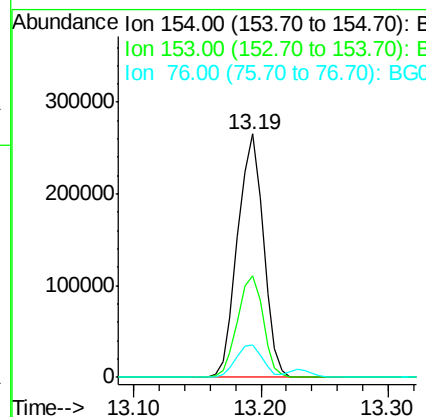
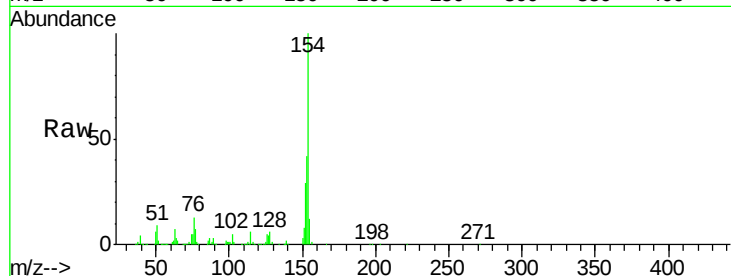




#45
1,1'-Biphenyl
Concen: 33.88 ng
RT: 13.19 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

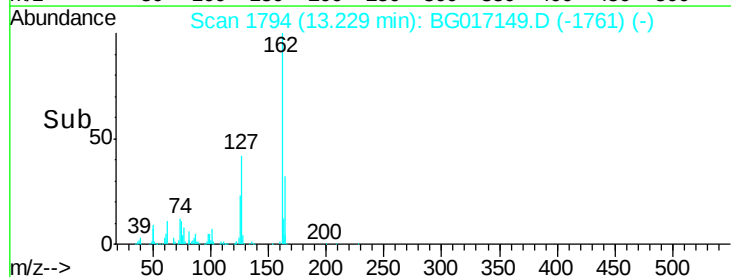
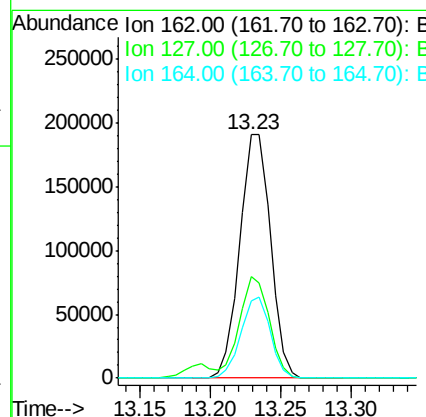
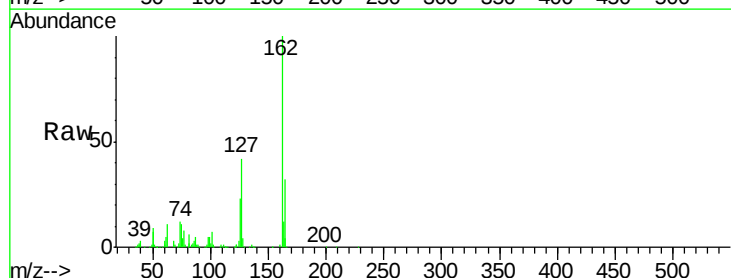
Instrument :
BNA_G
ClientSampleId :
PB83305BS

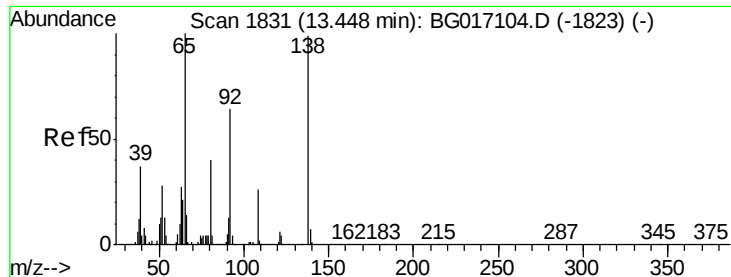
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.5	61.5
76	13.2	0.0	31.9



#46
2-Chloronaphthalene
Concen: 33.47 ng
RT: 13.23 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.5	50.3
164	32.0	27.0	40.6

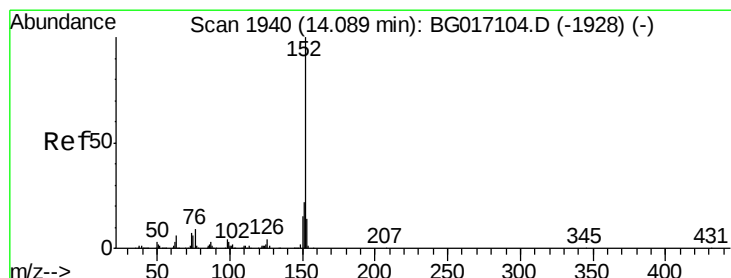
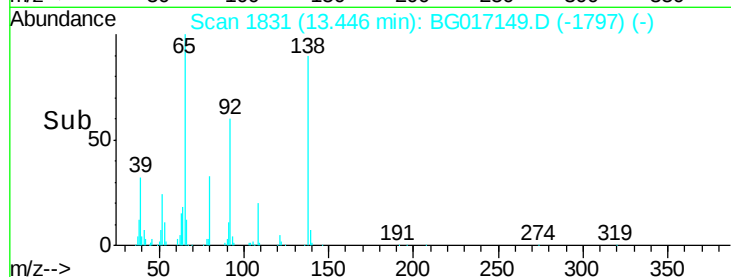
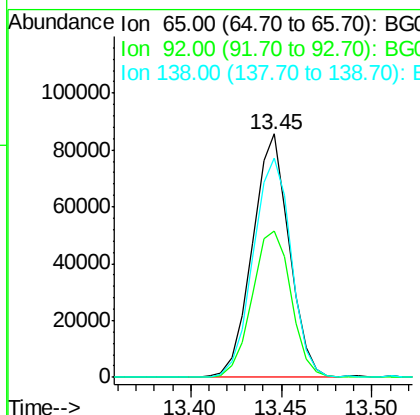
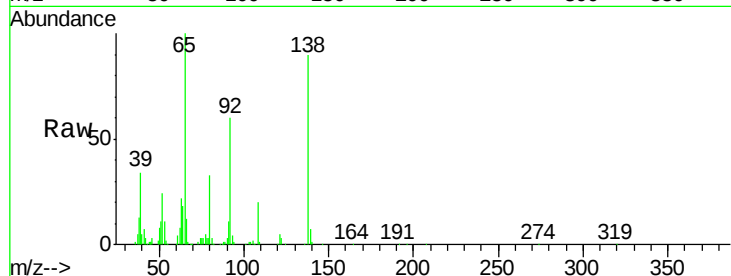




#47
2-Nitroaniline
Concen: 35.51 ng
RT: 13.45 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

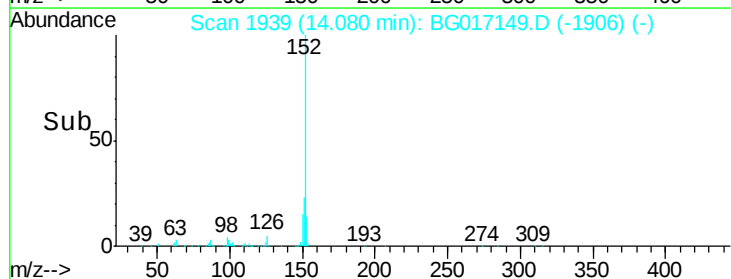
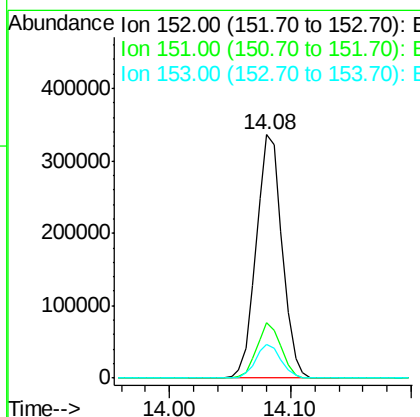
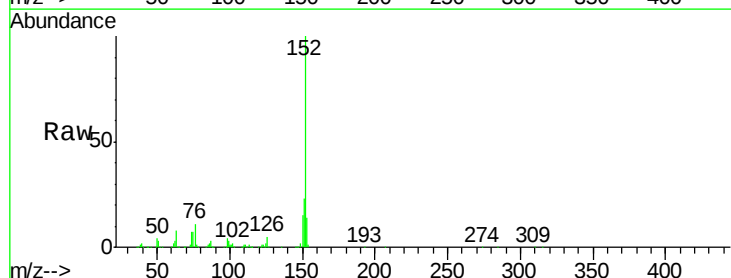
Instrument :
BNA_G
ClientSampleId :
PB83305BS

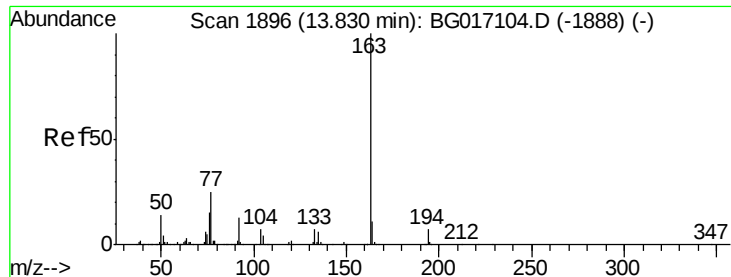
Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.9	51.0	76.4
138	90.2	79.3	118.9



#48
Acenaphthylene
Concen: 33.61 ng
RT: 14.08 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.0	17.2	25.8
153	14.0	10.8	16.2

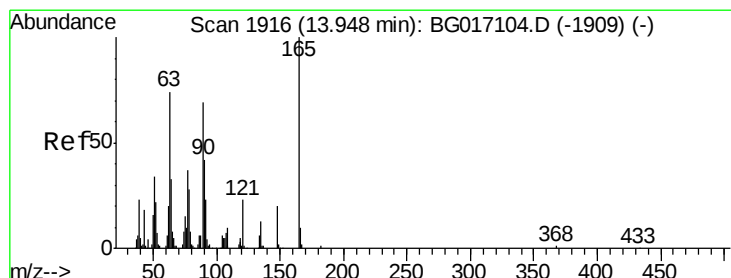
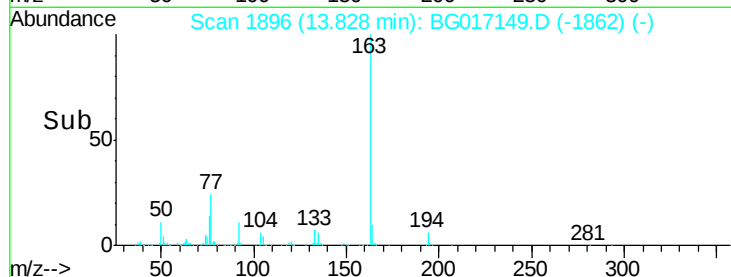
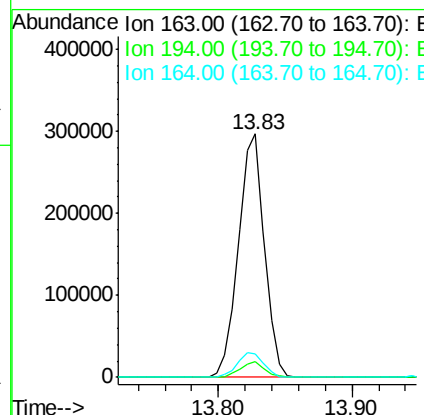
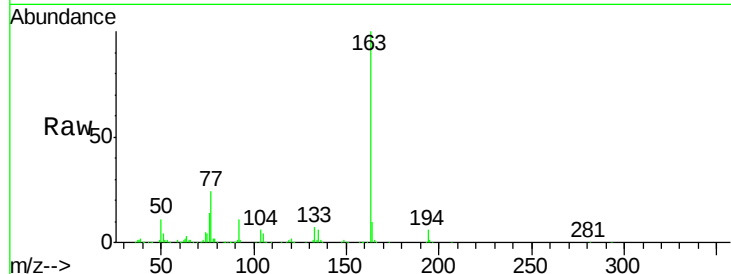




#49
Dimethylphthalate
Concen: 33.66 ng
RT: 13.83 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

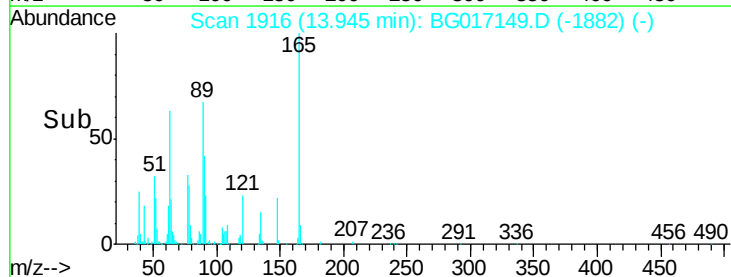
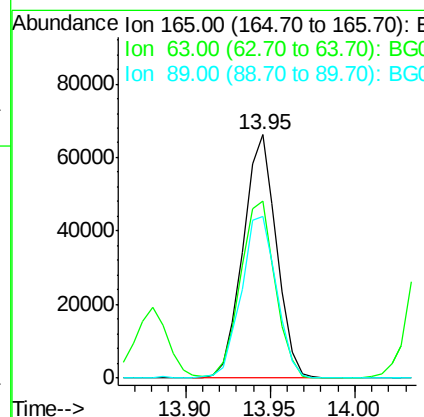
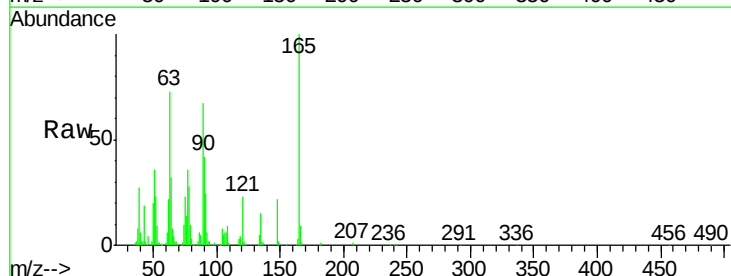
Instrument :
BNA_G
ClientSampleId :
PB83305BS

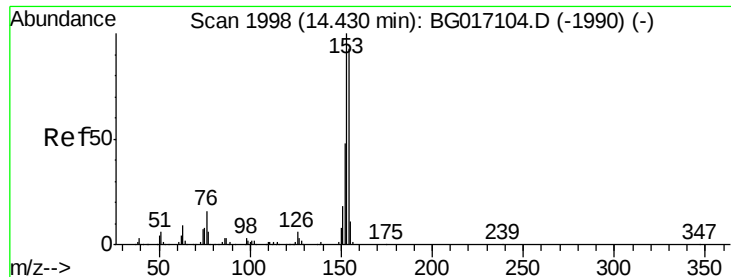
Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.4	5.6	8.4
164	9.8	8.6	13.0



#50
2,6-Dinitrotoluene
Concen: 34.37 ng
RT: 13.95 min Scan# 1916
Delta R.T. -0.00 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	72.5	60.6	90.8
89	66.7	55.0	82.6





#51

Acenaphthene

Concen: 33.36 ng

RT: 14.43 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

Instrument :

BNA_G

ClientSampleId :

PB83305BS

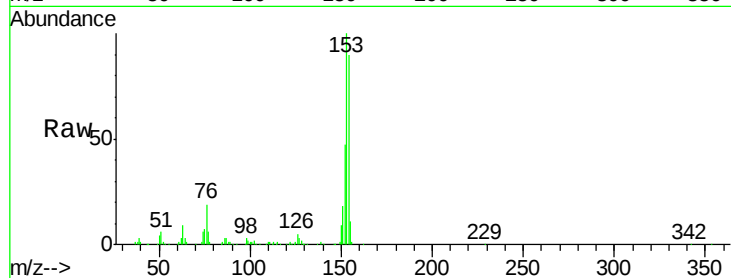
Tgt Ion:154 Resp: 293986

Ion Ratio Lower Upper

154 100

153 111.7 86.2 129.4

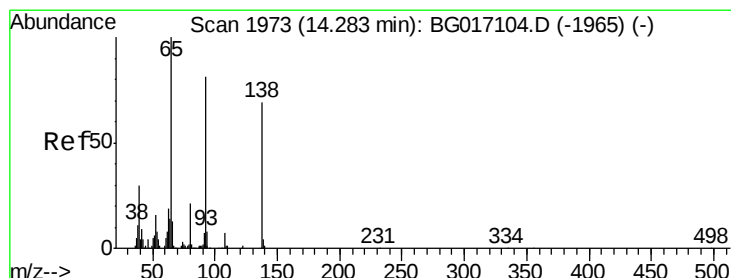
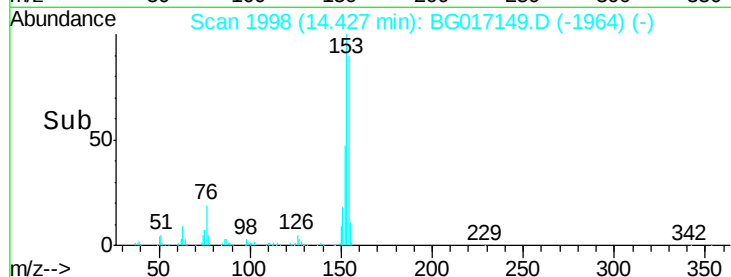
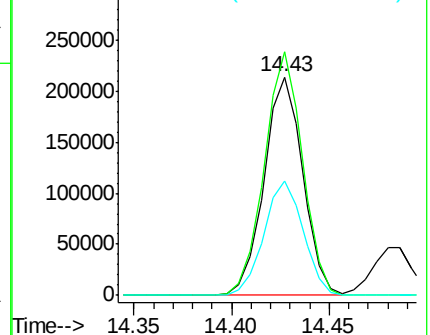
152 52.4 41.5 62.3



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: 22.97 ng

RT: 14.27 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

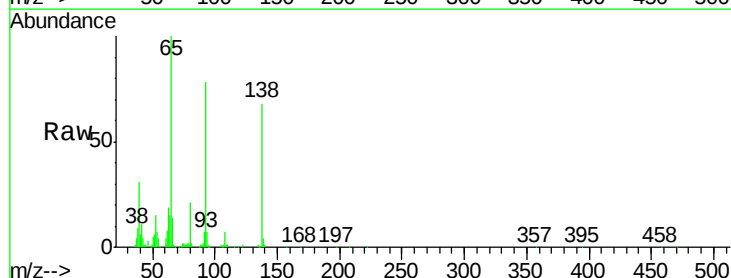
Tgt Ion:138 Resp: 67471

Ion Ratio Lower Upper

138 100

108 10.6 7.6 11.4

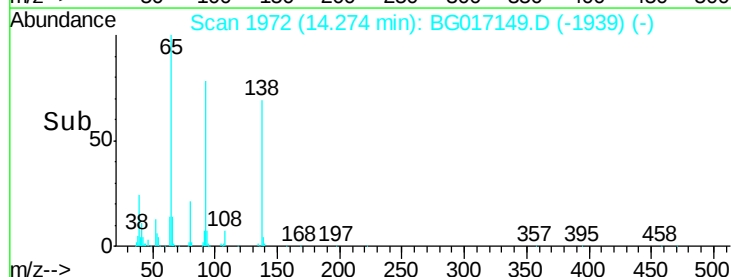
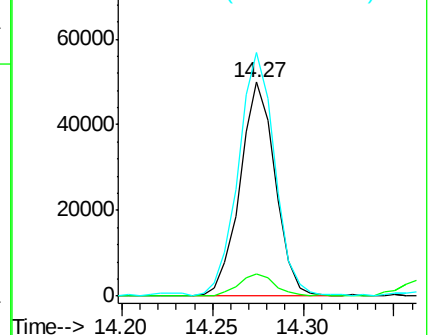
92 114.0 93.6 140.4

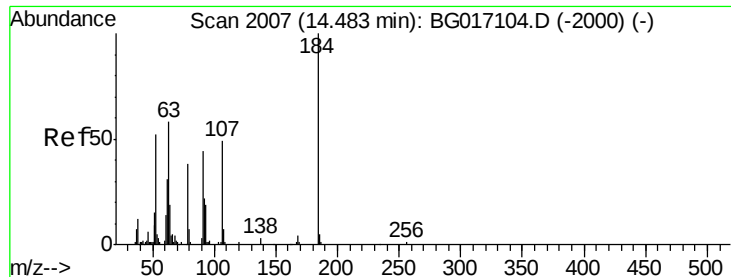


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

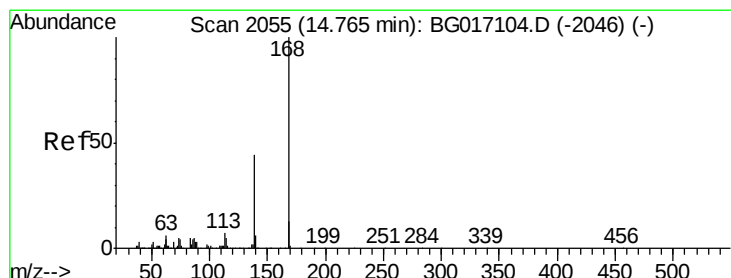
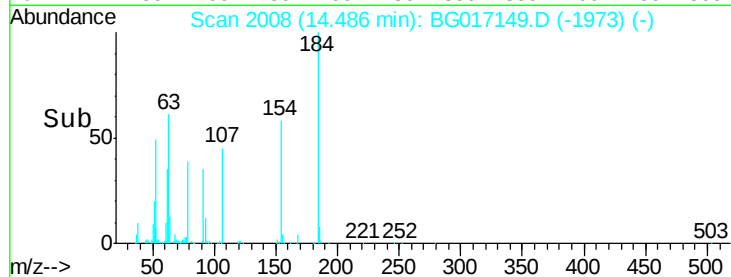
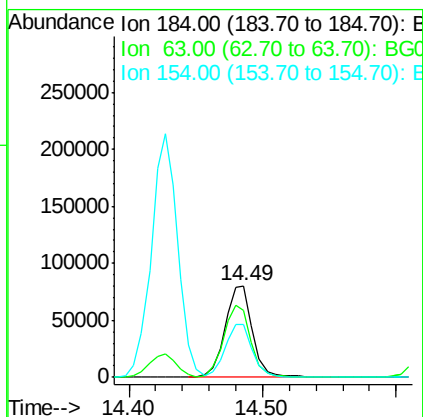
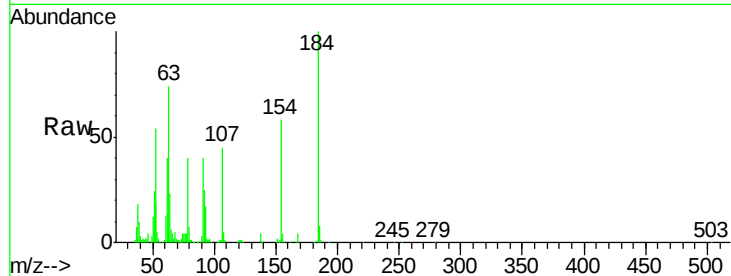




#53
2,4-Dinitrophenol
Concen: 74.73 ng
RT: 14.49 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

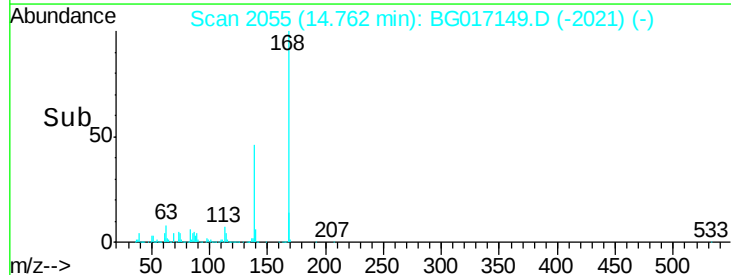
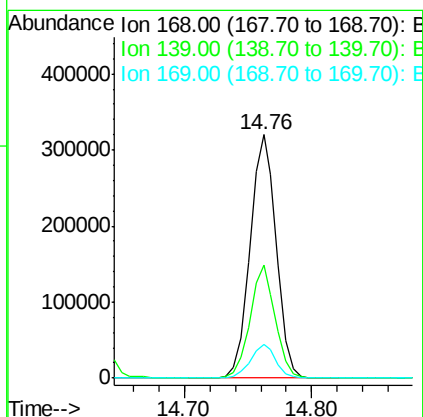
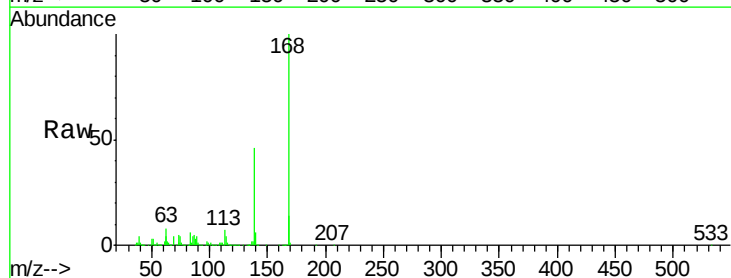
Instrument :
BNA_G
ClientSampleId :
PB83305BS

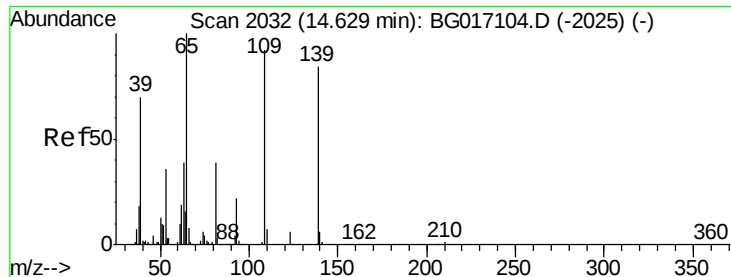
Tgt Ion:184 Resp: 114847
Ion Ratio Lower Upper
184 100
63 73.7 63.6 95.4
154 57.9 47.8 71.6



#54
Dibenzofuran
Concen: 34.83 ng
RT: 14.76 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

Tgt Ion:168 Resp: 456394
Ion Ratio Lower Upper
168 100
139 46.5 34.9 52.3
169 13.6 10.5 15.7

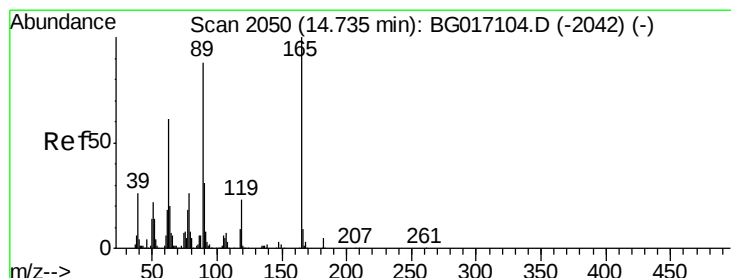
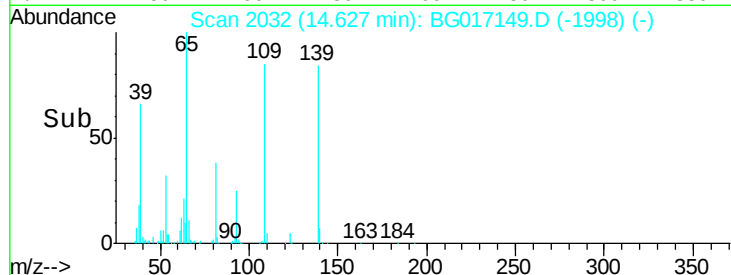
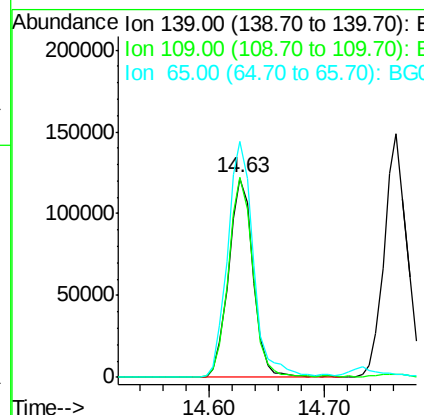
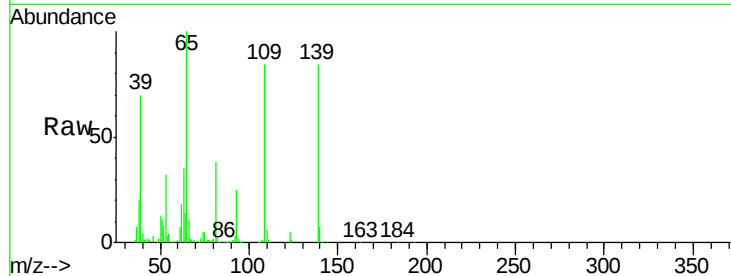




#55
4-Nitrophenol
Concen: 75.58 ng
RT: 14.63 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

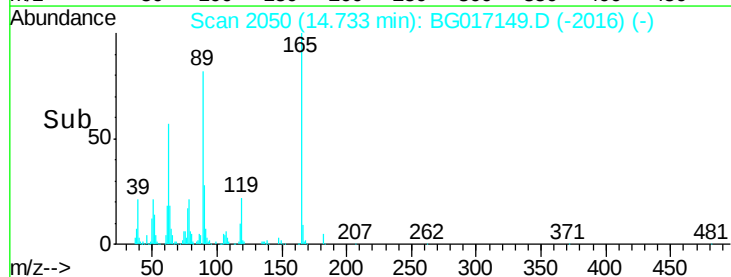
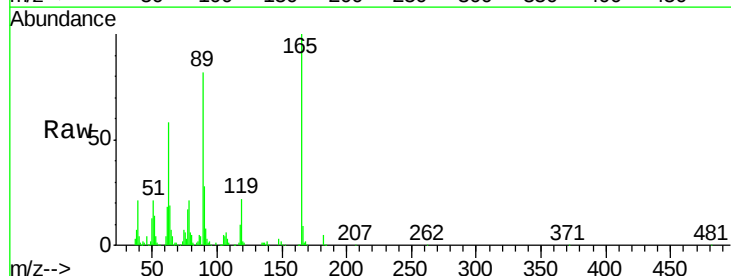
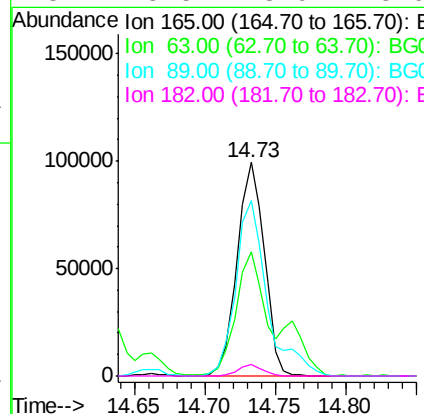
Instrument :
BNA_G
ClientSampleId :
PB83305BS

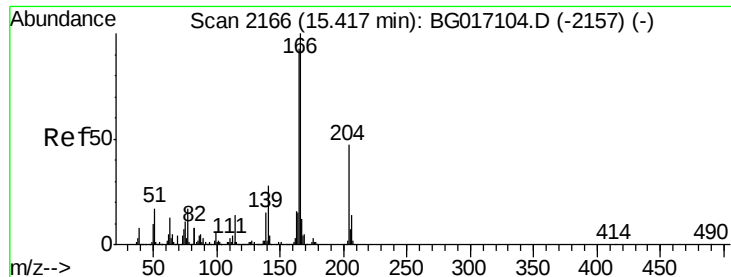
Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.2	90.5	130.5
65	118.6	99.9	139.9



#56
2,4-Dinitrotoluene
Concen: 36.26 ng
RT: 14.73 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.0	49.0	73.4
89	82.3	70.1	105.1
182	5.5	3.9	5.9





#57

Fluorene

Concen: 34.49 ng

RT: 15.41 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

Instrument :

BNA_G

ClientSampleId :

PB83305BS

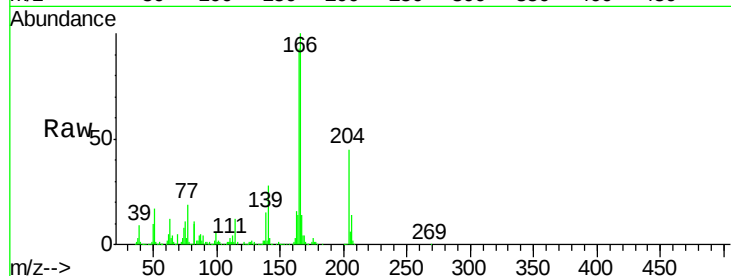
Tgt Ion:166 Resp: 399955

Ion Ratio Lower Upper

166 100

165 92.8 74.2 111.4

167 13.7 9.8 14.8

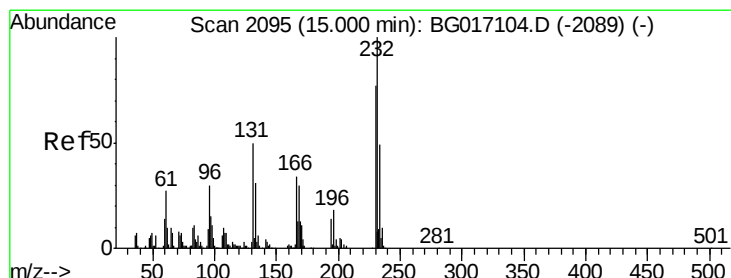
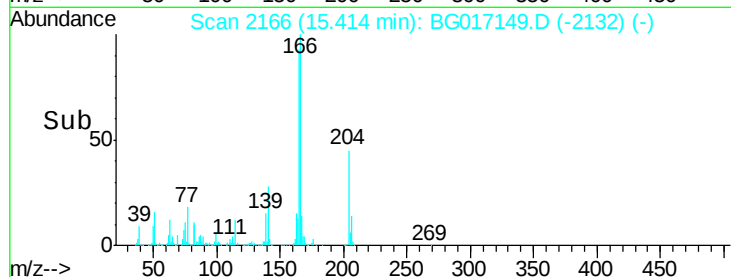
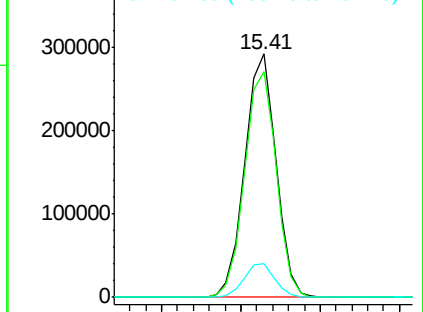


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.78 ng

RT: 15.00 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

Tgt Ion:232 Resp: 100844

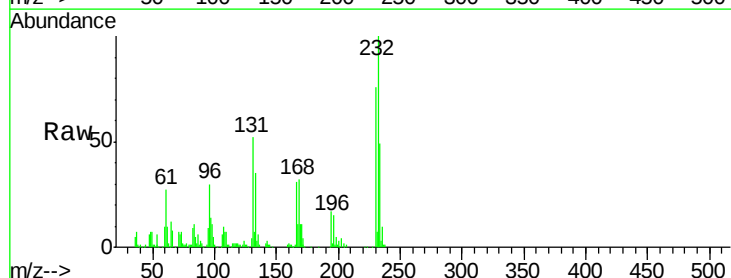
Ion Ratio Lower Upper

232 100

131 54.9 42.7 64.1

130 4.1 3.0 4.4

166 32.9 25.7 38.5



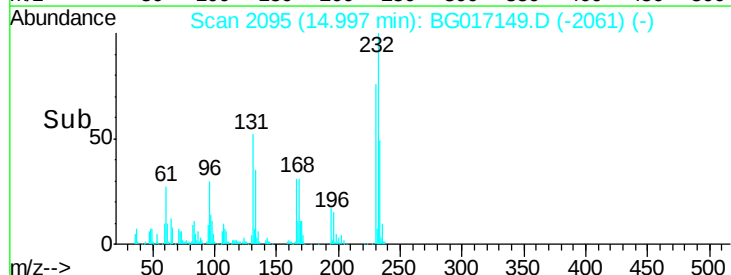
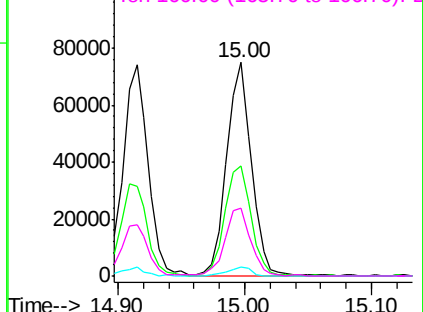
Abundance

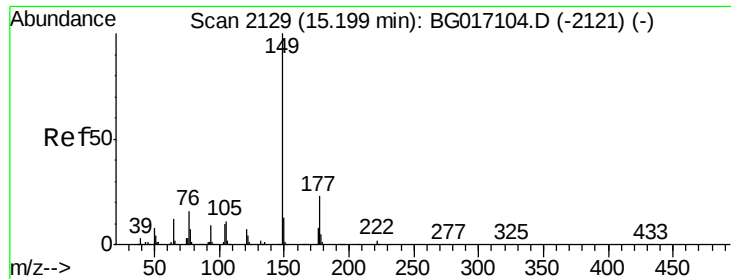
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 34.05 ng

RT: 15.20 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

Instrument :

BNA_G

ClientSampleId :

PB83305BS

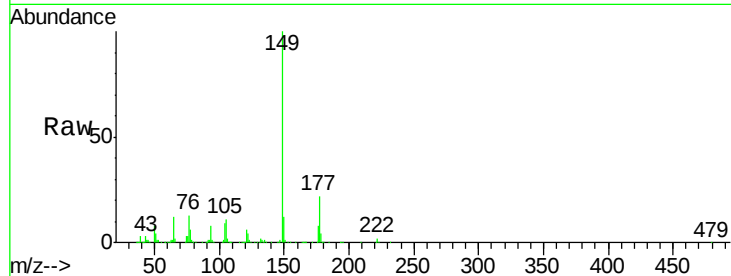
Tgt Ion:149 Resp: 436849

Ion Ratio Lower Upper

149 100

177 21.9 18.3 27.5

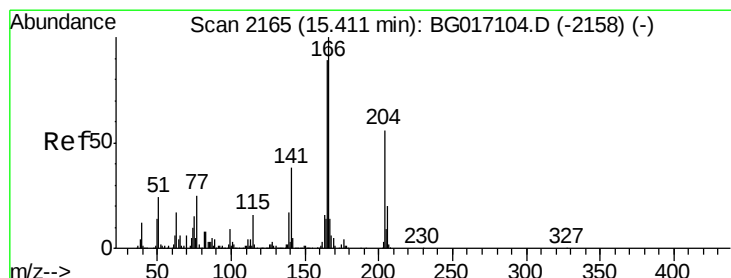
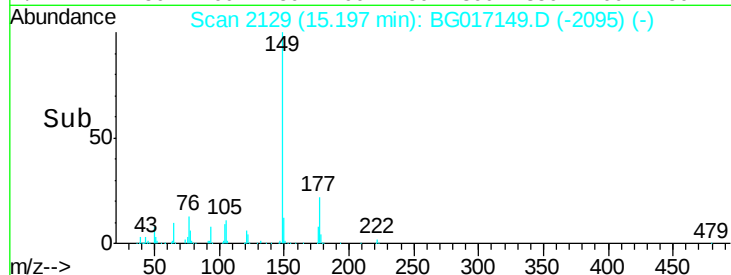
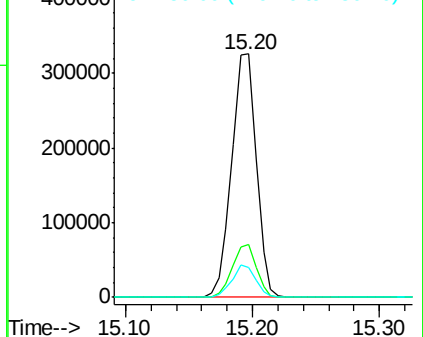
150 12.3 10.4 15.6



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: 33.62 ng

RT: 15.41 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

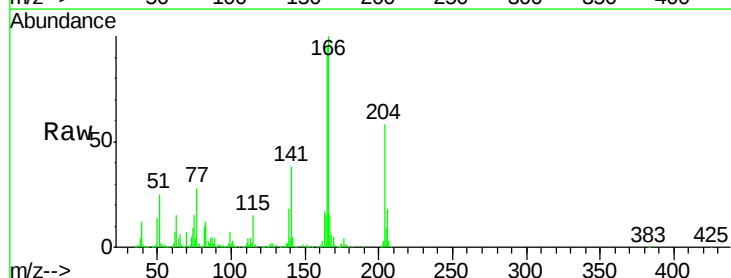
Tgt Ion:204 Resp: 200301

Ion Ratio Lower Upper

204 100

206 32.0 28.6 42.8

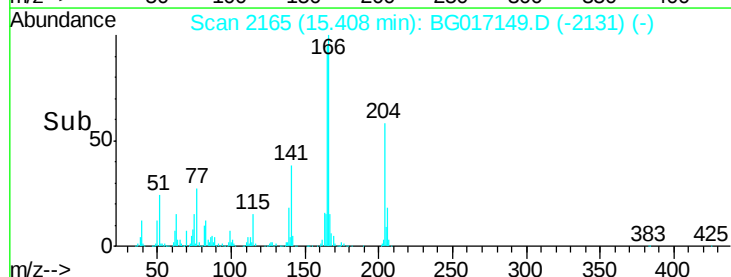
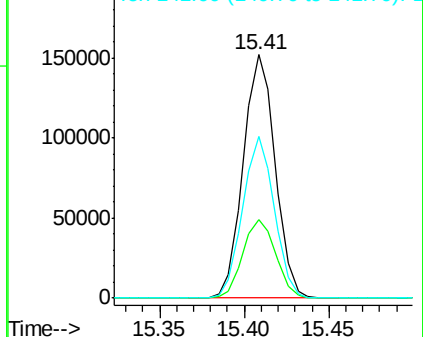
141 66.6 54.2 81.2

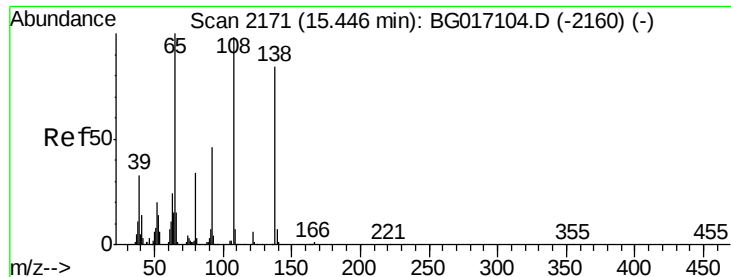


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

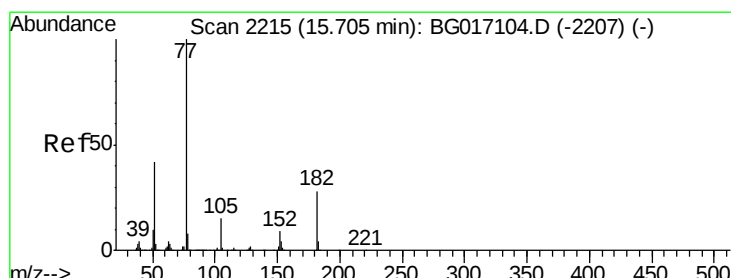
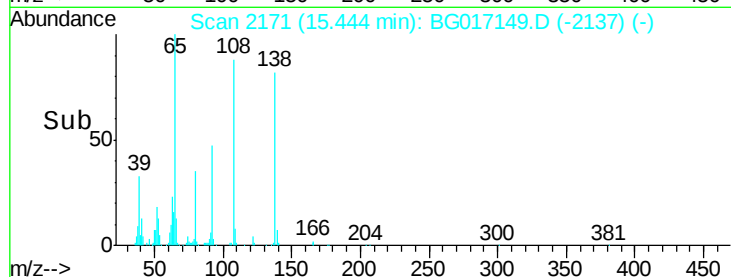
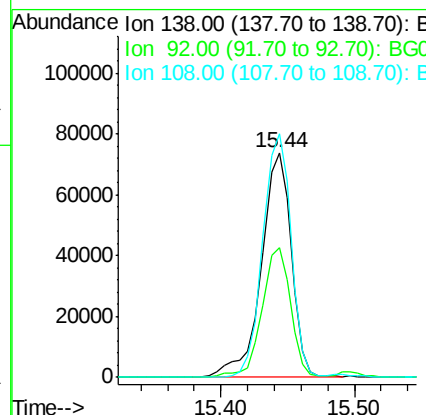
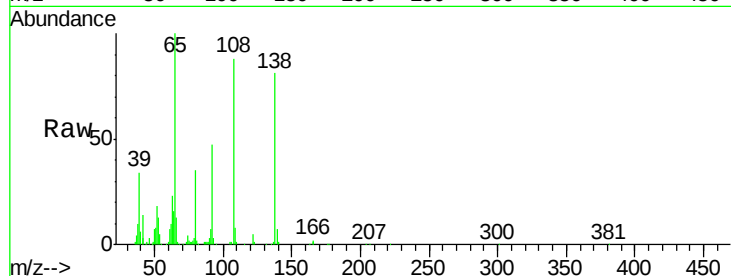




#61
4-Nitroaniline
Concen: 35.12 ng
RT: 15.44 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

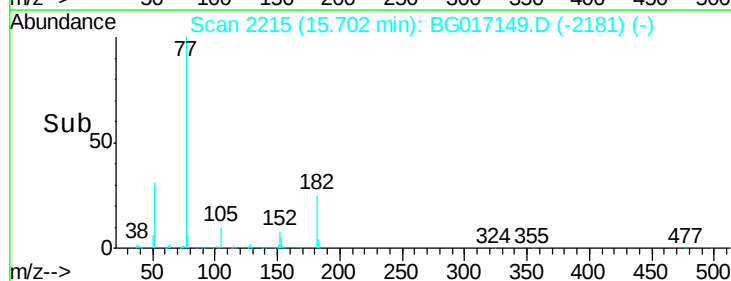
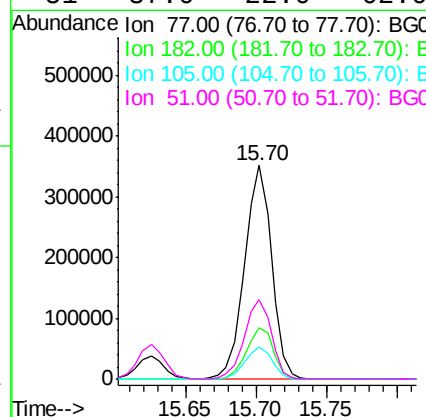
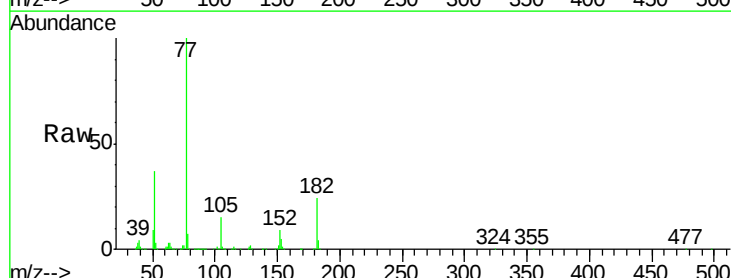
Instrument :
BNA_G
ClientSampleId :
PB83305BS

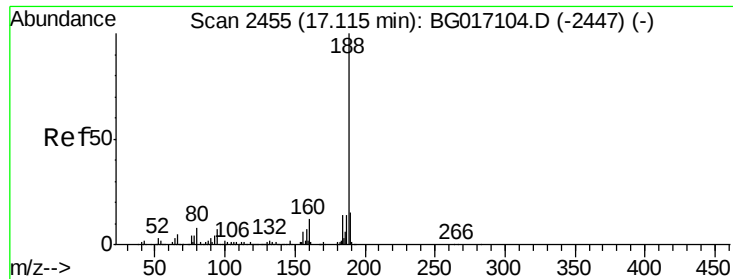
Tgt Ion: 138 Resp: 115073
Ion Ratio Lower Upper
138 100
92 57.6 34.9 74.9
108 108.5 95.8 135.8



#62
Azobenzene
Concen: 38.27 ng
RT: 15.70 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

Tgt Ion: 77 Resp: 469125
Ion Ratio Lower Upper
77 100
182 24.2 8.1 48.1
105 15.0 0.0 34.8
51 37.0 22.0 62.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

Instrument :

BNA_G

ClientSampleId :

PB83305BS

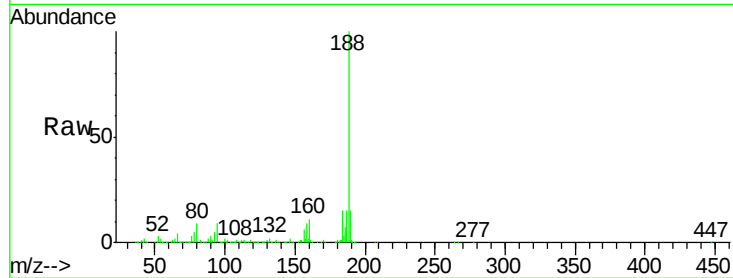
Tgt Ion:188 Resp: 359495

Ion Ratio Lower Upper

188 100

94 8.6 5.8 8.6

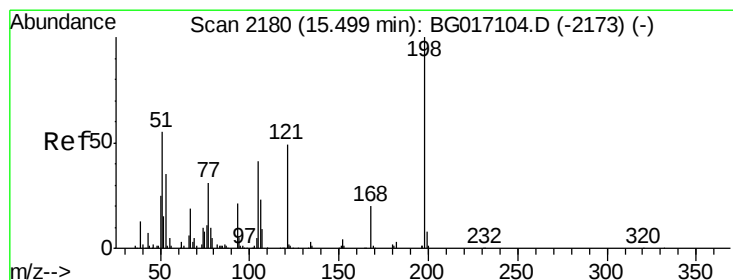
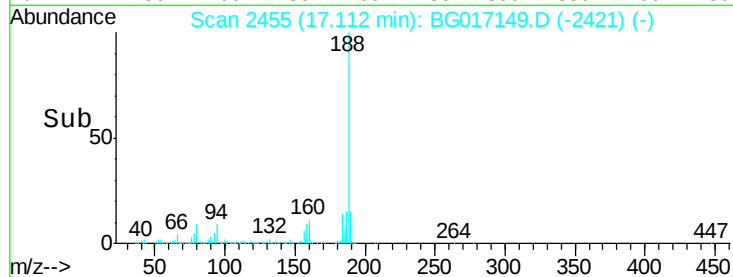
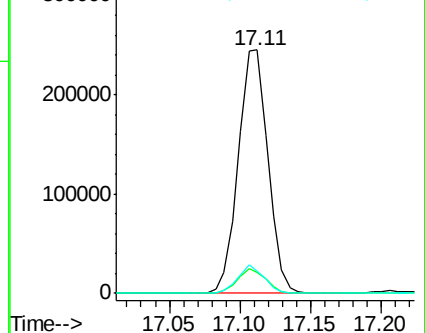
80 9.0 6.5 9.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 31.81 ng

RT: 15.50 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

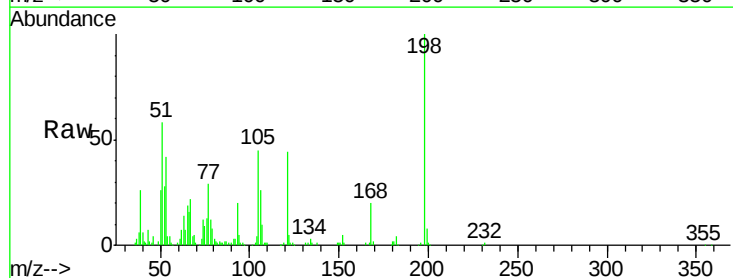
Tgt Ion:198 Resp: 78368

Ion Ratio Lower Upper

198 100

51 57.6 39.9 79.9

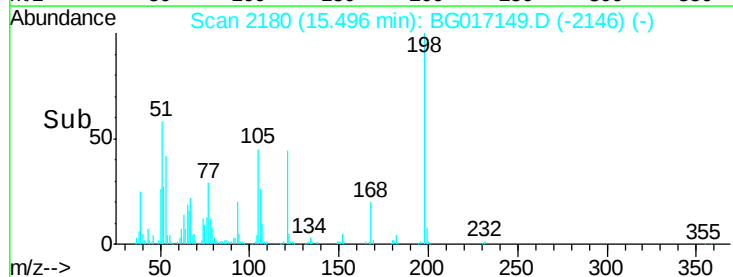
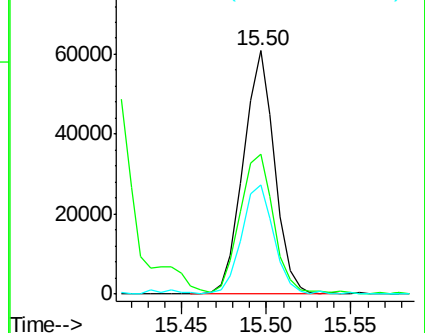
105 44.7 22.0 62.0

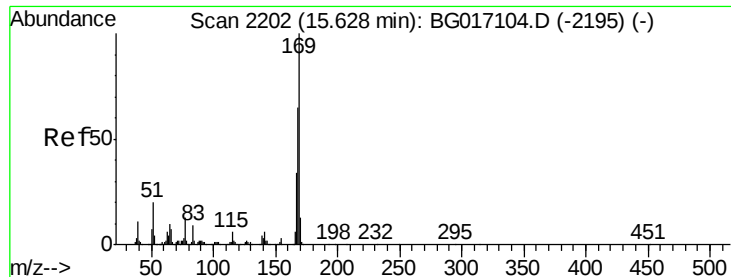


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

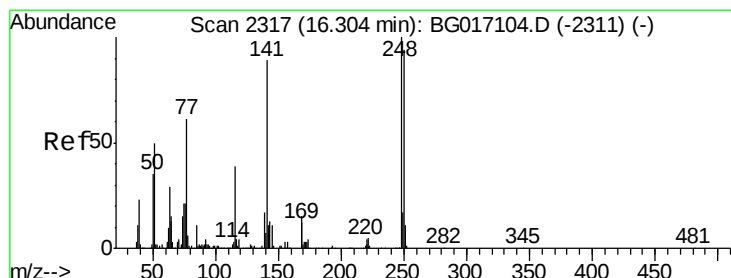
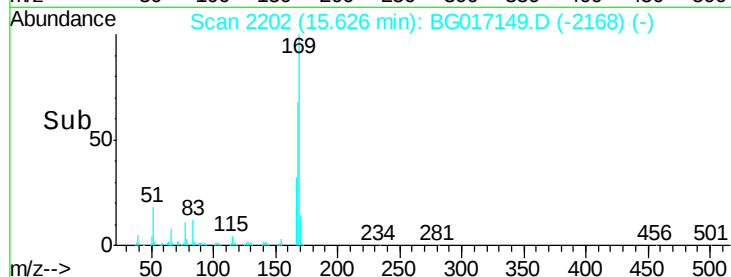
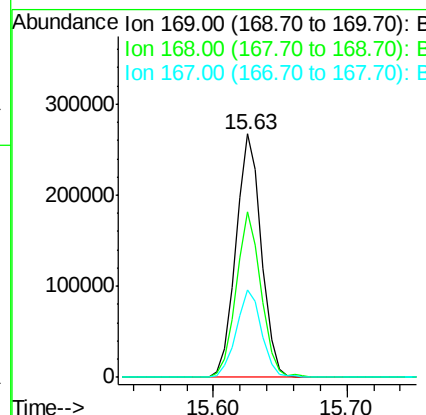
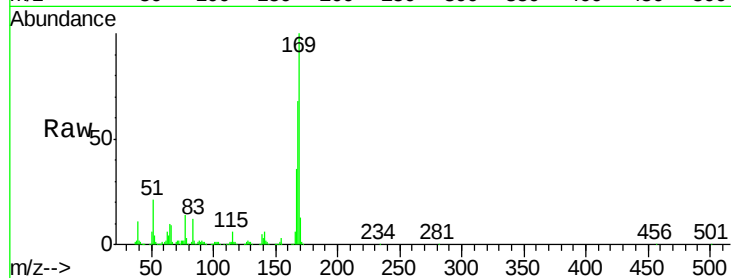




#65
 n-Nitrosodiphenylamine
 Concen: 32.12 ng
 RT: 15.63 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG017149.D
 Acq: 14 May 2015 20:09

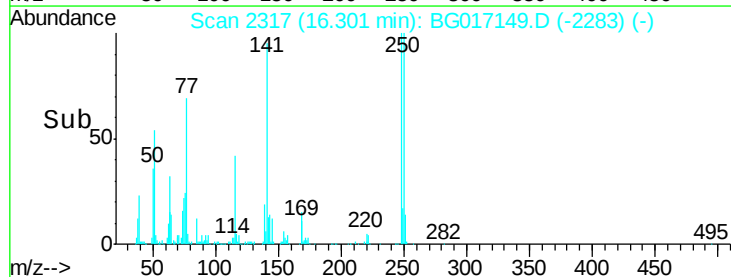
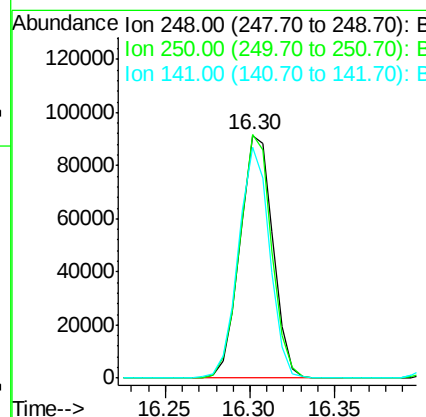
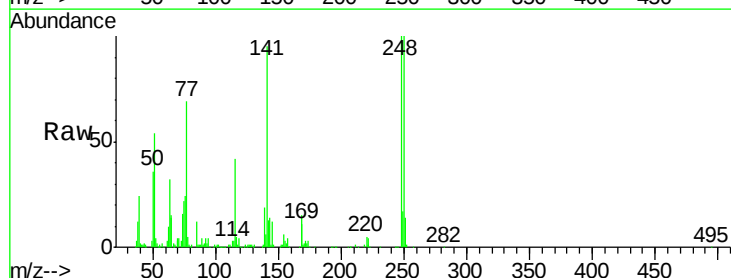
Instrument :
 BNA_G
 ClientSampleId :
 PB83305BS

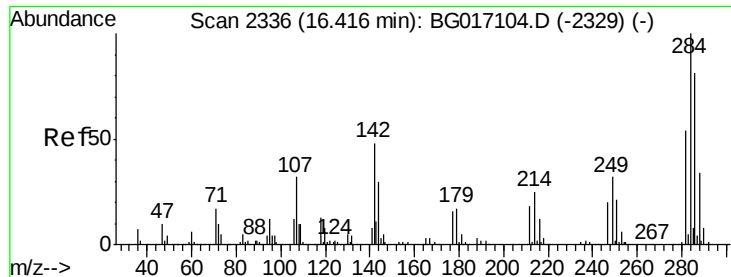
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	51.7	77.5
167	35.9	27.4	41.0



#66
 4-Bromophenyl-phenylether
 Concen: 31.44 ng
 RT: 16.30 min Scan# 2317
 Delta R.T. -0.00 min
 Lab File: BG017149.D
 Acq: 14 May 2015 20:09

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.4	75.0	112.4
141	95.5	71.3	106.9

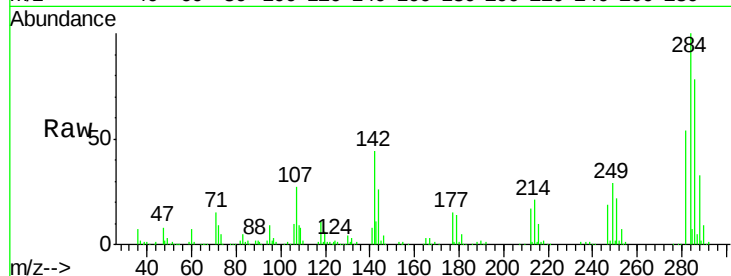




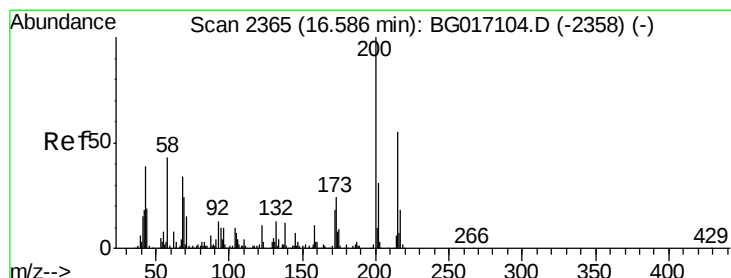
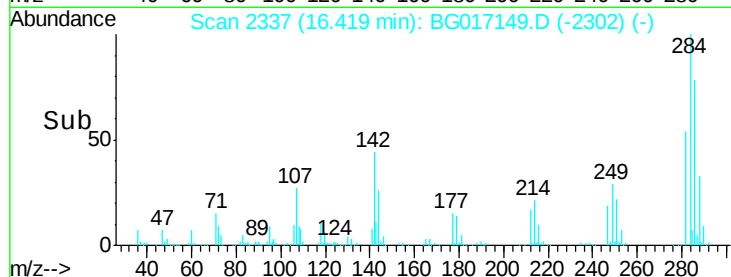
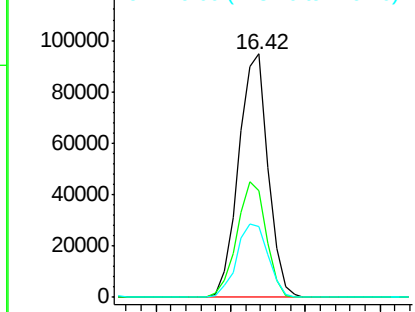
#67
Hexachlorobenzene
Concen: 31.28 ng
RT: 16.42 min Scan# 2337
Delta R.T. 0.00 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

Instrument :
BNA_G
ClientSampleId :
PB83305BS

Tgt Ion:284 Resp: 129430
Ion Ratio Lower Upper
284 100
142 44.0 38.2 57.2
249 29.2 25.2 37.8

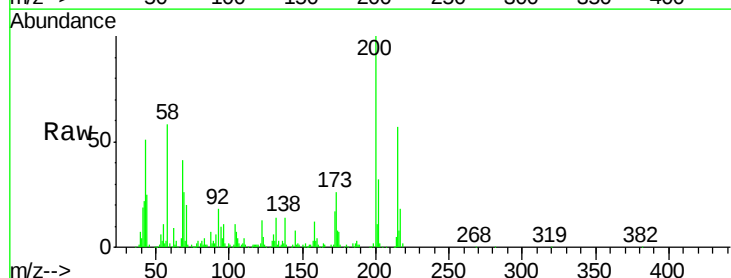


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

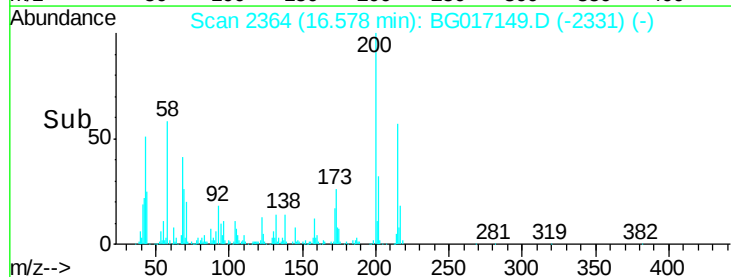
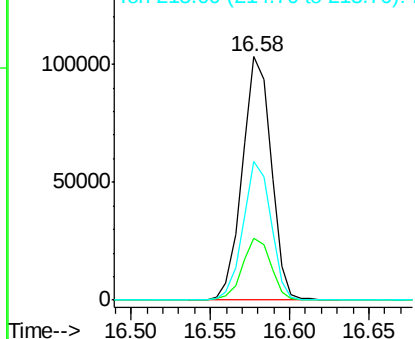


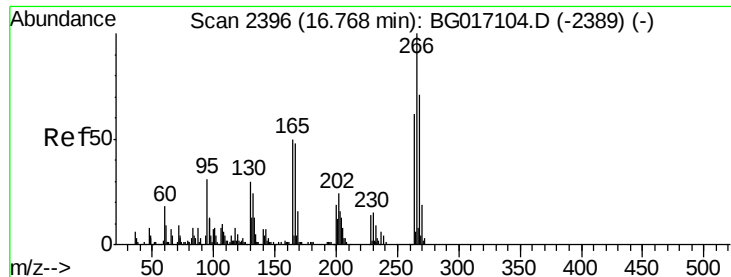
#68
Atrazine
Concen: 32.26 ng
RT: 16.58 min Scan# 2364
Delta R.T. -0.01 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

Tgt Ion:200 Resp: 130244
Ion Ratio Lower Upper
200 100
173 25.7 3.7 43.7
215 56.9 35.5 75.5



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: 67.31 ng

RT: 16.77 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

Instrument :

BNA_G

ClientSampleId :

PB83305BS

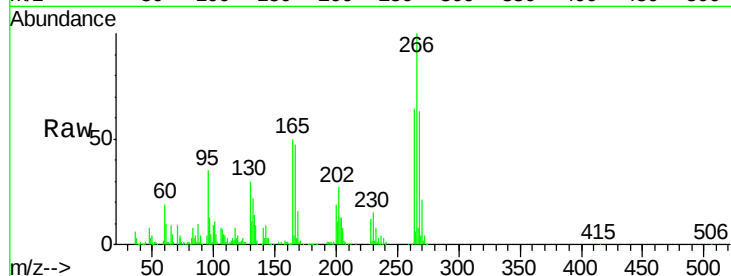
Tgt Ion:266 Resp: 173842

Ion Ratio Lower Upper

266 100

268 62.7 56.6 84.8

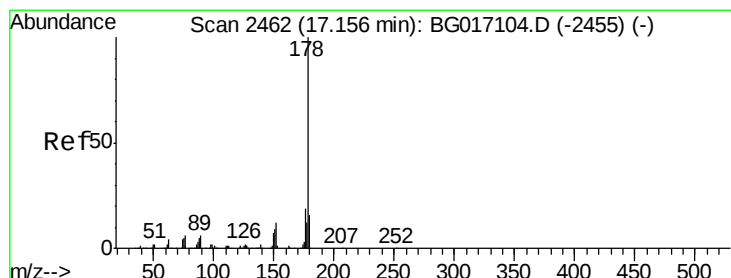
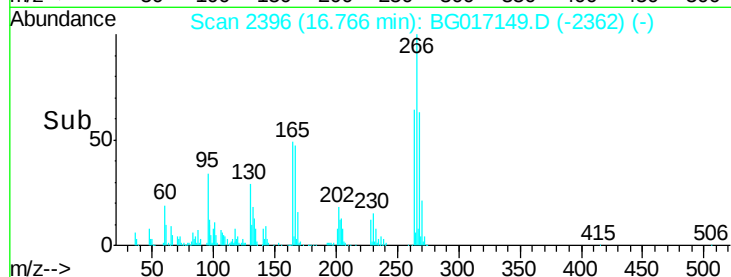
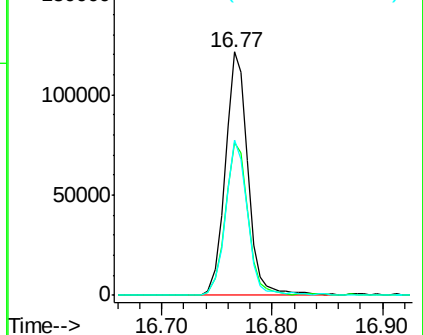
264 63.7 49.4 74.0



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 33.79 ng

RT: 17.15 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

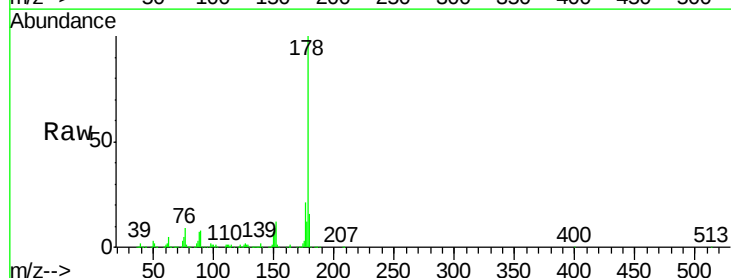
Tgt Ion:178 Resp: 626373

Ion Ratio Lower Upper

178 100

176 20.8 15.4 23.2

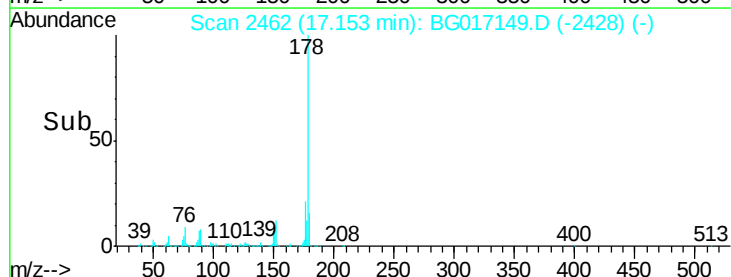
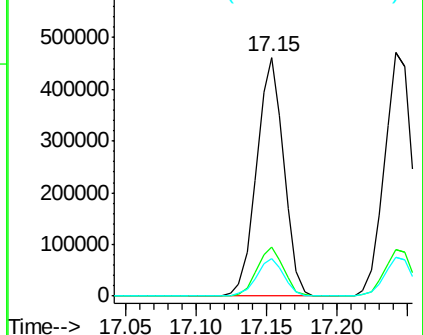
179 15.6 12.5 18.7

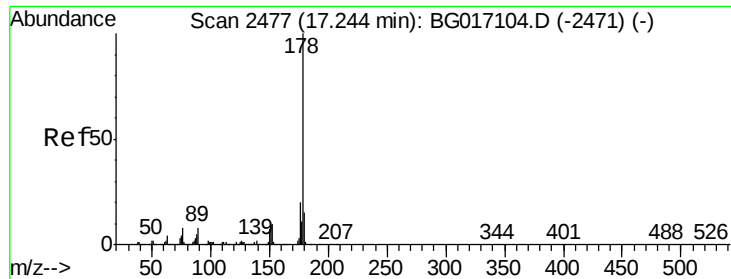


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

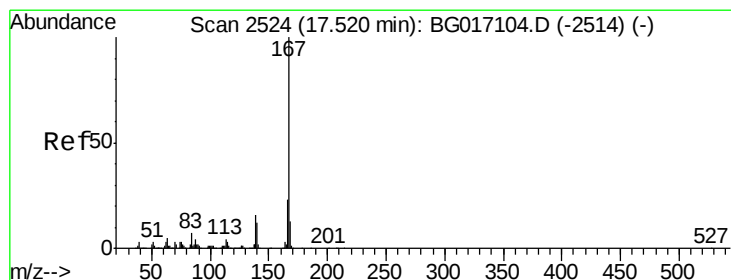
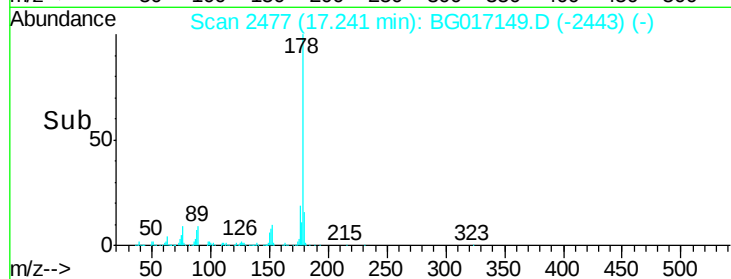
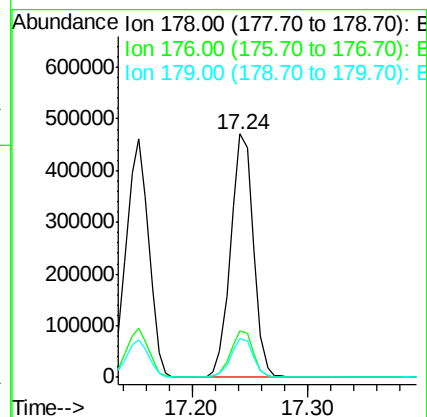
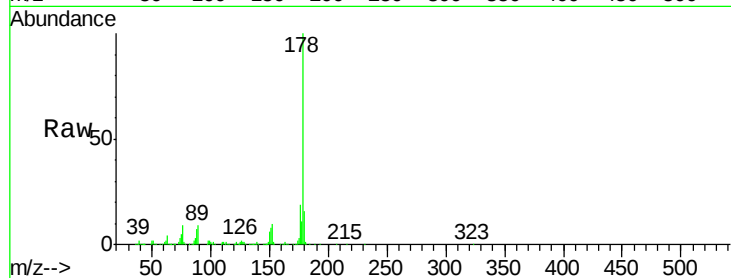




#71
 Anthracene
 Concen: 34.17 ng
 RT: 17.24 min Scan# 2477
 Delta R.T. -0.00 min
 Lab File: BG017149.D
 Acq: 14 May 2015 20:09

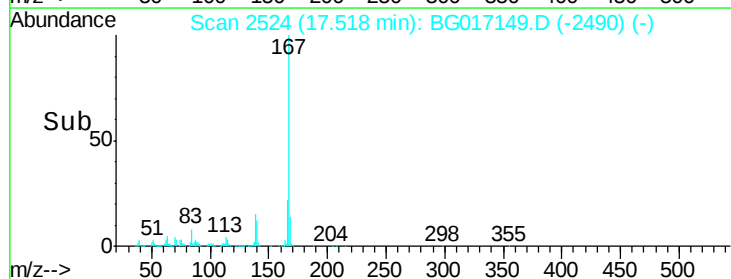
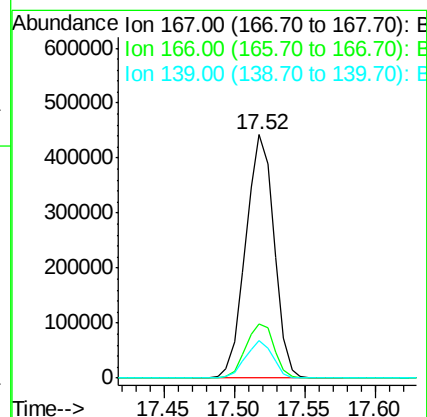
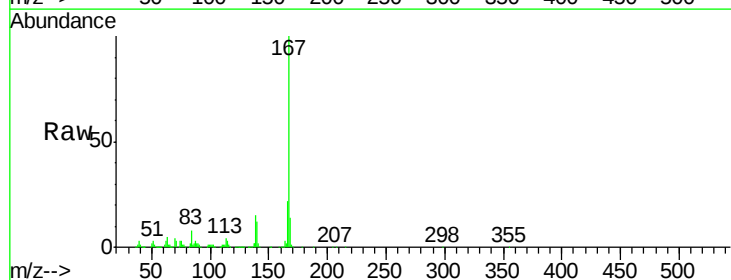
Instrument :
 BNA_G
 ClientSampleId :
 PB83305BS

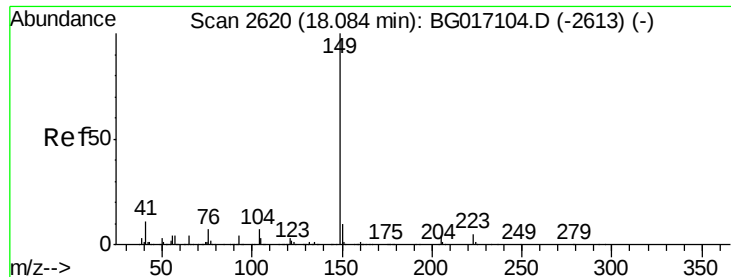
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.3	24.5
179	16.1	12.1	18.1



#72
 Carbazole
 Concen: 36.18 ng
 RT: 17.52 min Scan# 2524
 Delta R.T. -0.00 min
 Lab File: BG017149.D
 Acq: 14 May 2015 20:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.4	27.6
139	15.3	13.0	19.4





#73

Di-n-butylphthalate

Concen: 35.87 ng

RT: 18.08 min Scan# 2620

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

Instrument :

BNA_G

ClientSampleId :

PB83305BS

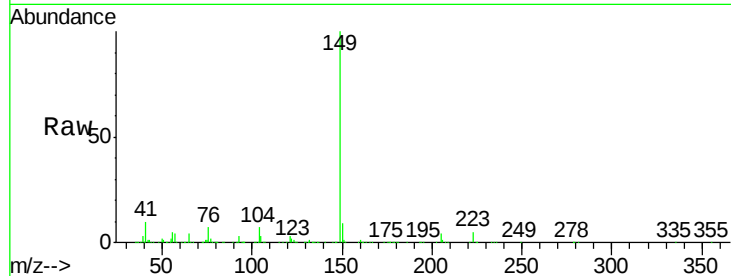
Tgt Ion:149 Resp: 828632

Ion Ratio Lower Upper

149 100

150 9.0 8.2 12.4

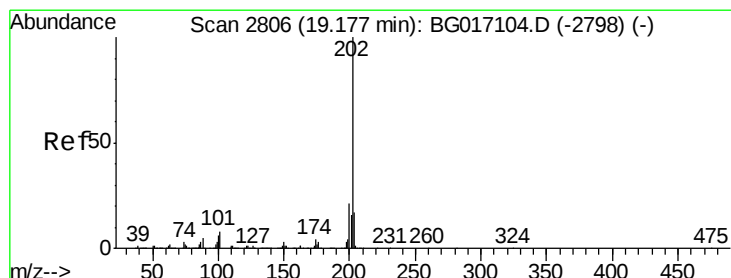
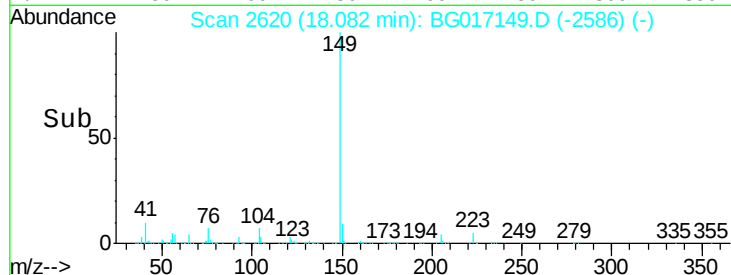
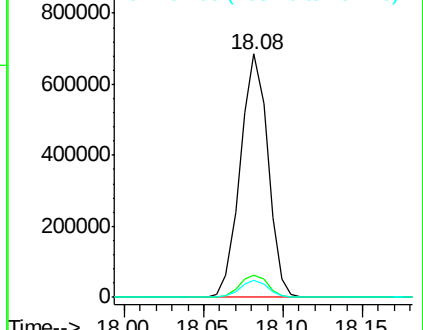
104 6.9 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.09 ng

RT: 19.17 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

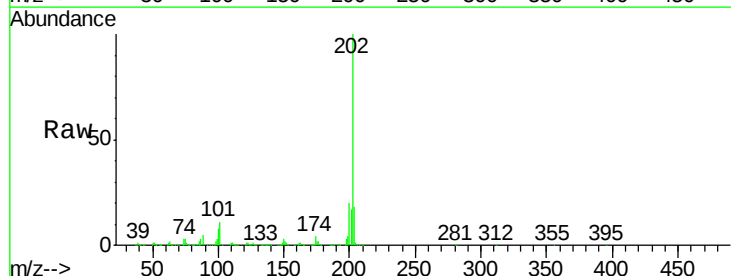
Tgt Ion:202 Resp: 781263

Ion Ratio Lower Upper

202 100

101 10.8 0.0 28.3

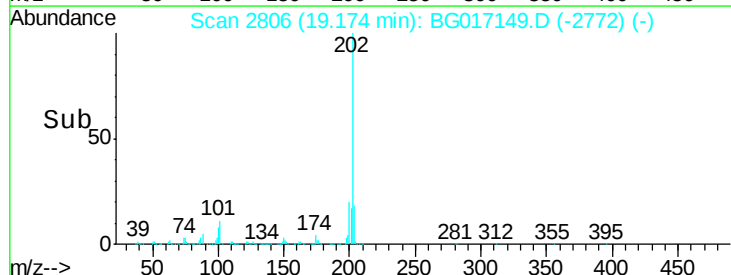
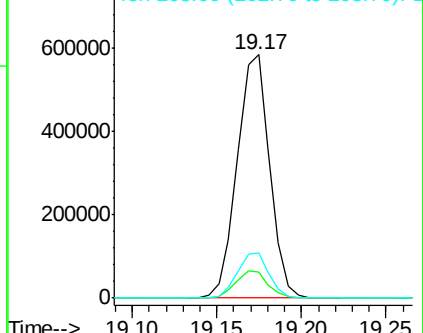
203 18.5 0.0 37.4

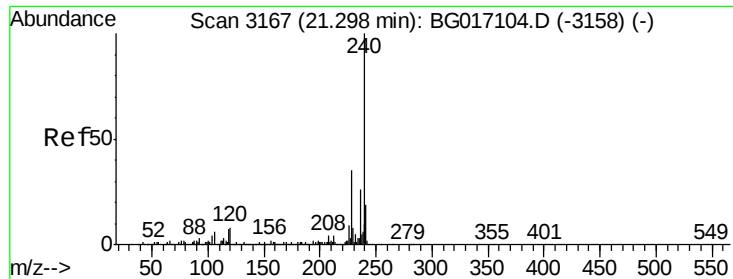


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.30 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

Instrument :

BNA_G

ClientSampleId :

PB83305BS

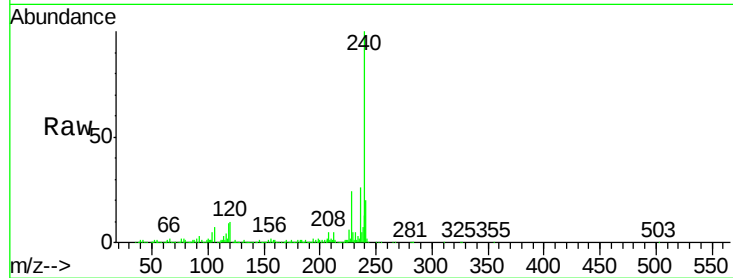
Tgt Ion:240 Resp: 386431

Ion Ratio Lower Upper

240 100

120 9.9 6.0 9.0#

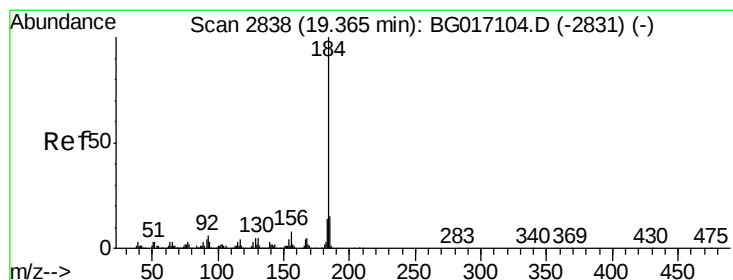
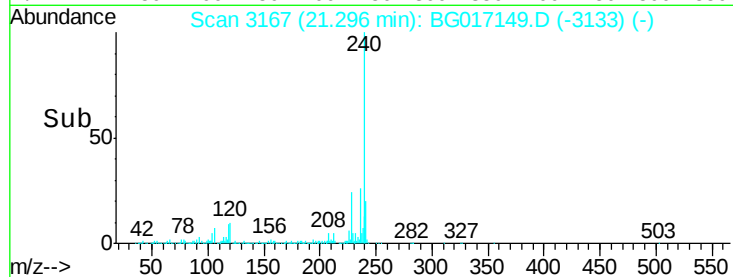
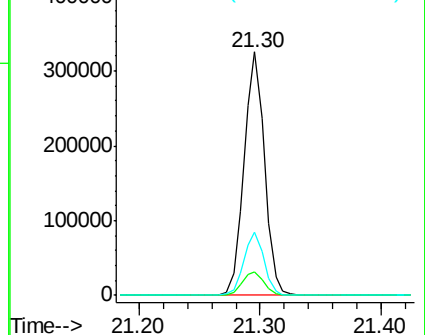
236 26.0 20.5 30.7



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: 18.03 ng

RT: 19.36 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

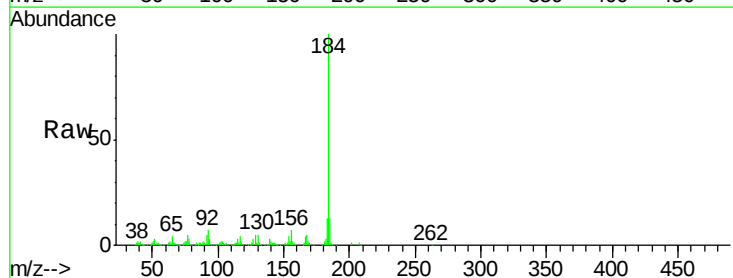
Tgt Ion:184 Resp: 227506

Ion Ratio Lower Upper

184 100

185 12.9 12.4 18.6

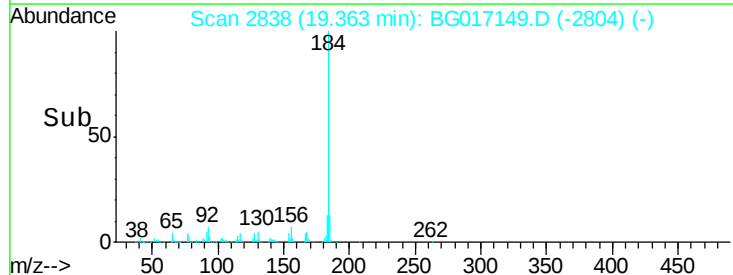
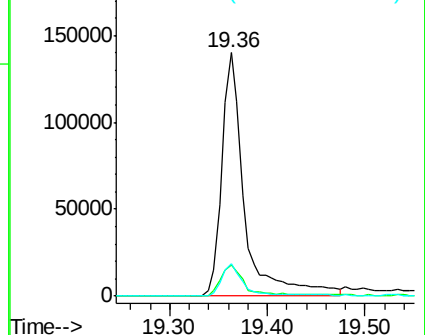
183 13.2 11.4 17.2

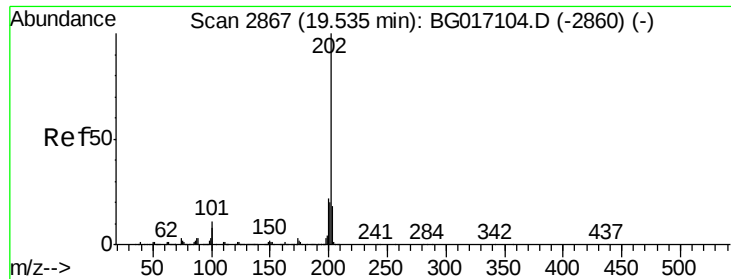


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 34.31 ng

RT: 19.53 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

Instrument :

BNA_G

ClientSampleId :

PB83305BS

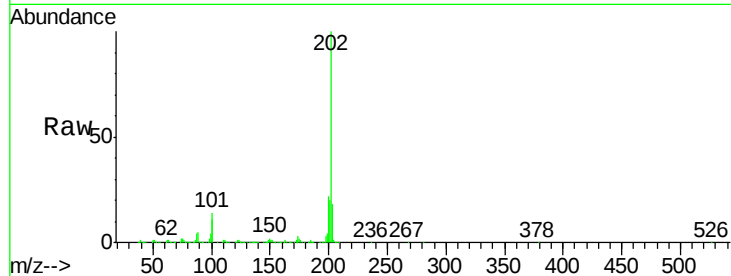
Tgt Ion:202 Resp: 813342

Ion Ratio Lower Upper

202 100

200 22.0 17.8 26.8

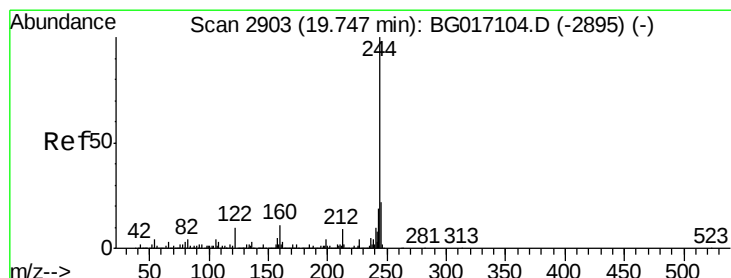
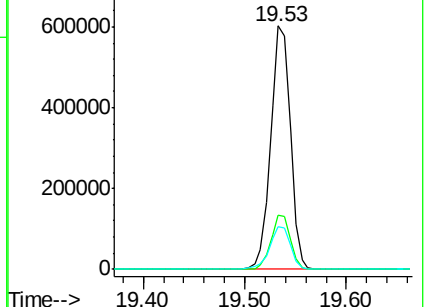
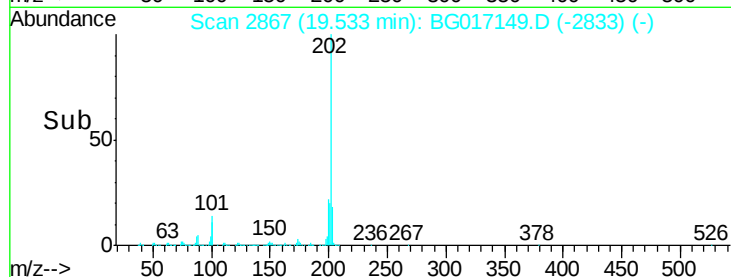
203 17.5 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 63.78 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

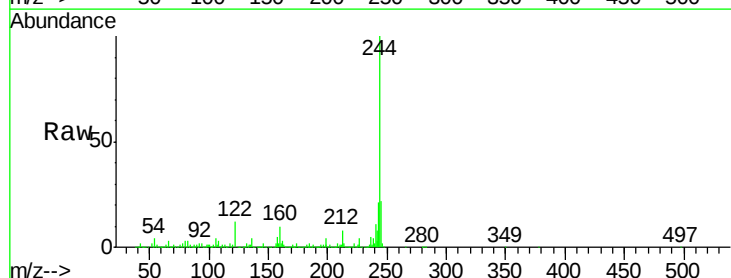
Tgt Ion:244 Resp: 1182660

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

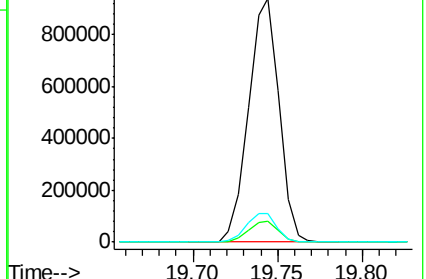
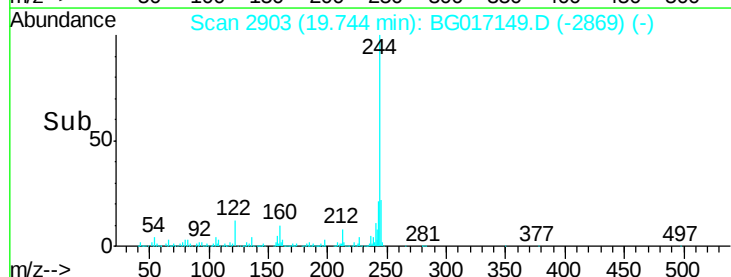
122 11.9 8.4 12.6

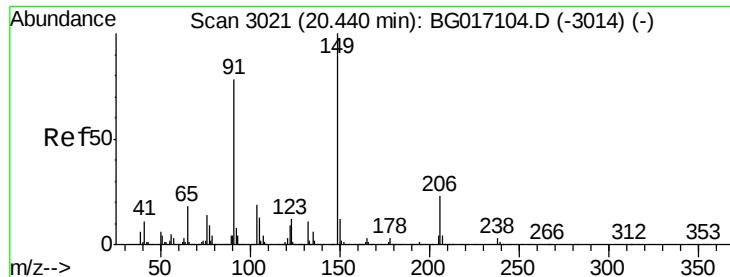


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

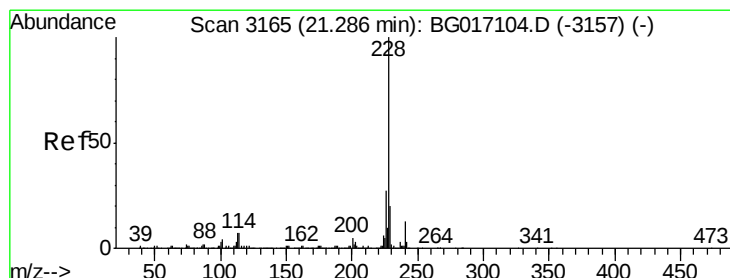
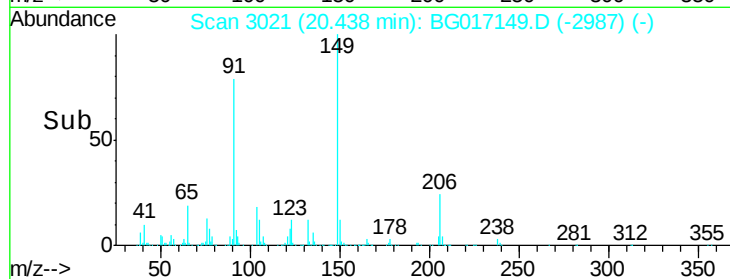
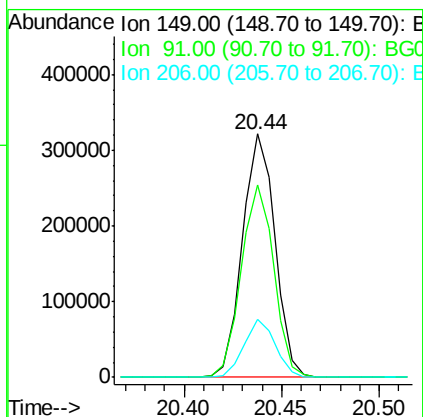
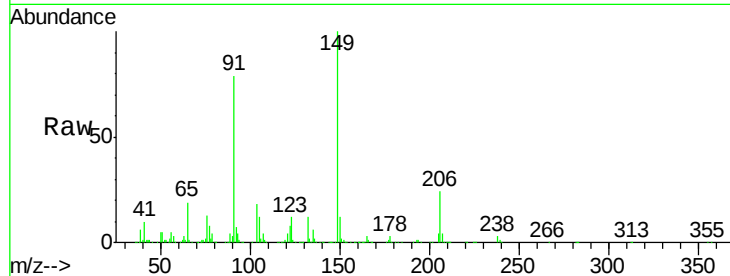




#79
Butylbenzylphthalate
Concen: 34.49 ng
RT: 20.44 min Scan# 3021
Delta R.T. -0.00 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

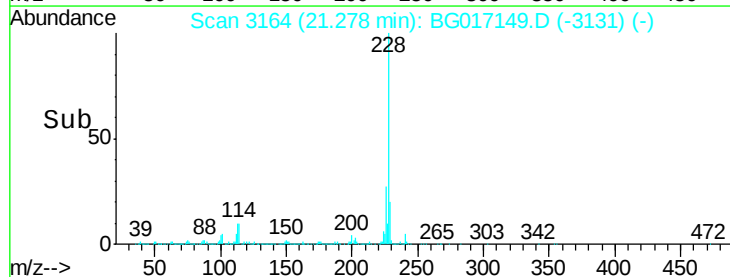
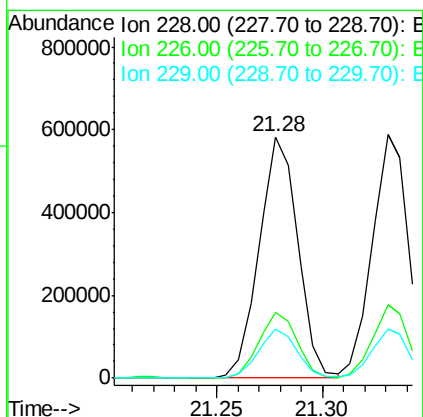
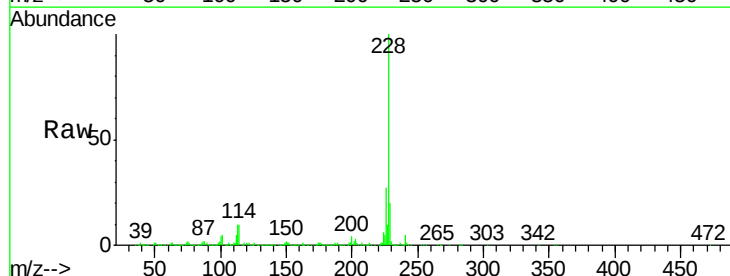
Instrument :
BNA_G
ClientSampleId :
PB83305BS

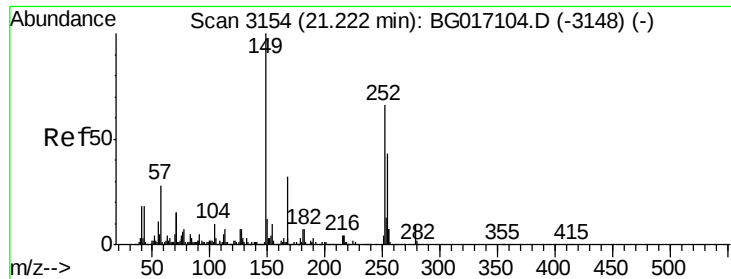
Tgt Ion:149 Resp: 371761
Ion Ratio Lower Upper
149 100
91 79.0 62.0 93.0
206 23.9 18.6 27.8



#80
Benzo(a)anthracene
Concen: 33.48 ng
RT: 21.28 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BG017149.D
Acq: 14 May 2015 20:09

Tgt Ion:228 Resp: 741388
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 20.3 16.1 24.1

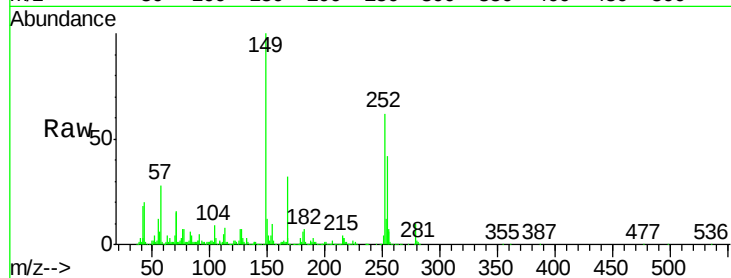




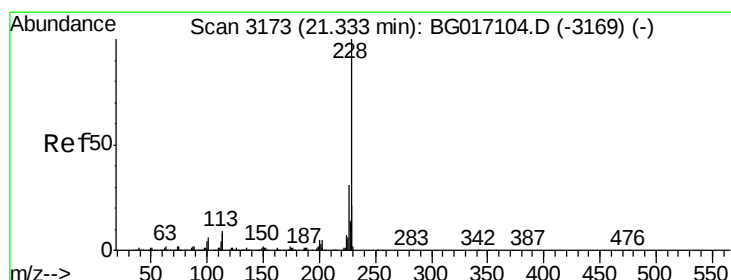
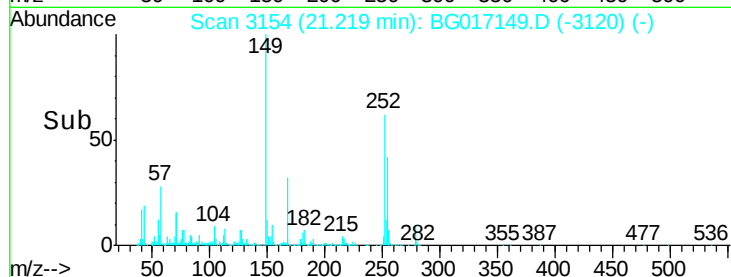
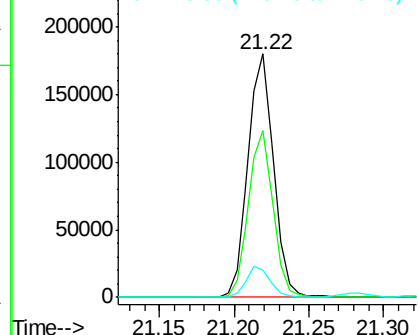
#81
 3,3'-Dichlorobenzidine
 Concen: 24.94 ng
 RT: 21.22 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG017149.D
 Acq: 14 May 2015 20:09

Instrument :
 BNA_G
 ClientSampleId :
 PB83305BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	68.5	52.1	78.1
126	11.2	8.8	13.2

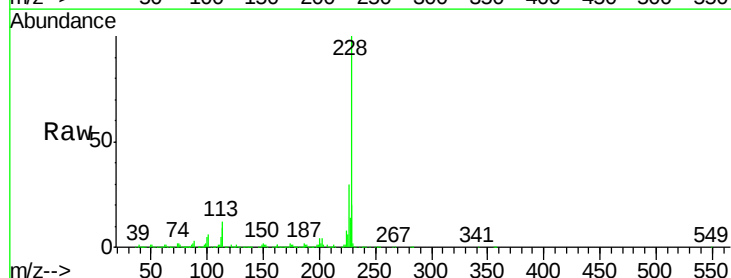


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

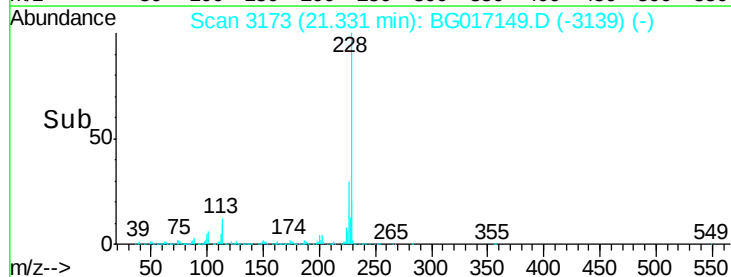
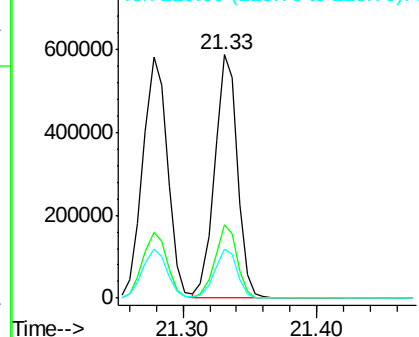


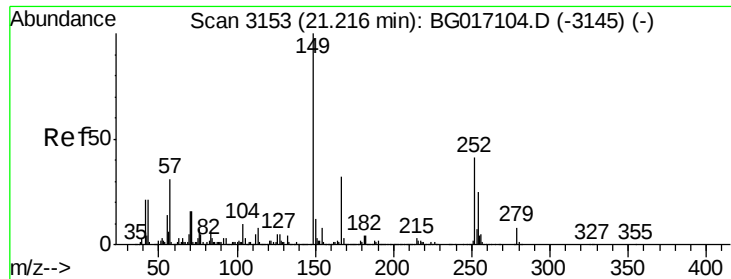
#82
 Chrysene
 Concen: 33.95 ng
 RT: 21.33 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: BG017149.D
 Acq: 14 May 2015 20:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.8	37.2
229	20.2	17.0	25.6



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: 33.74 ng

RT: 21.21 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

Instrument :

BNA_G

ClientSampleId :

PB83305BS

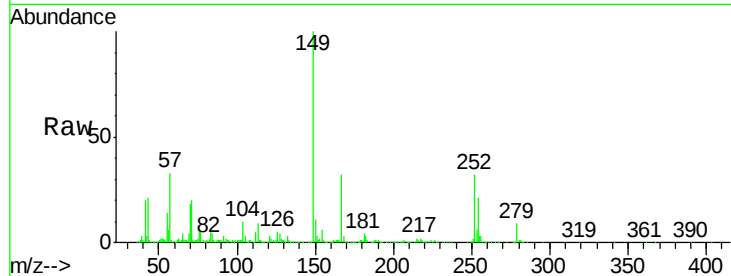
Tgt Ion:149 Resp: 516858

Ion Ratio Lower Upper

149 100

167 32.4 25.4 38.2

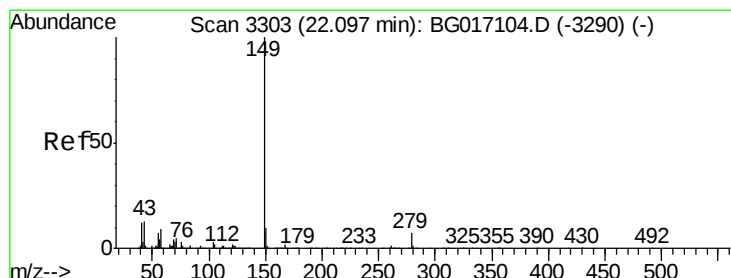
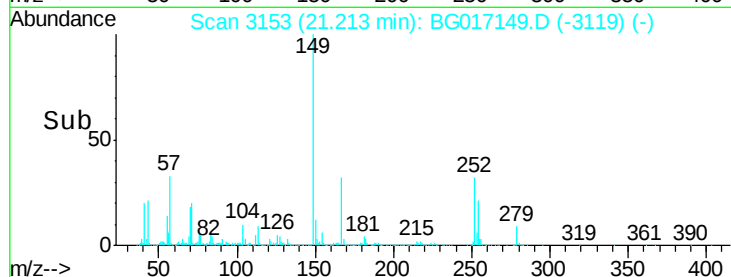
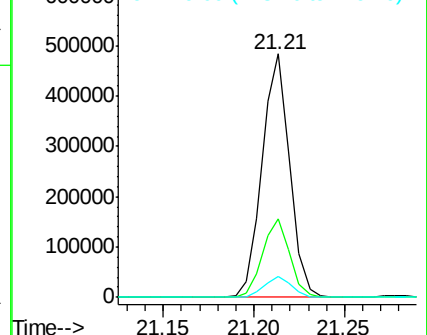
279 8.8 6.8 10.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.31 ng

RT: 22.09 min Scan# 3303

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

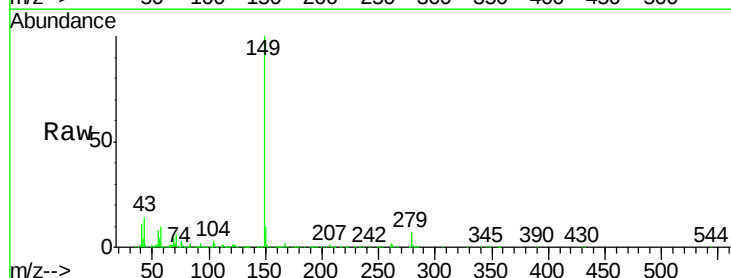
Tgt Ion:149 Resp: 875083

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

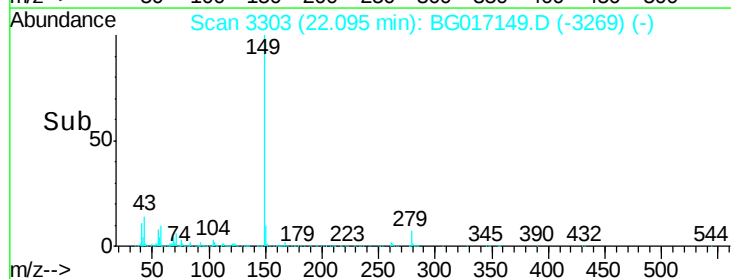
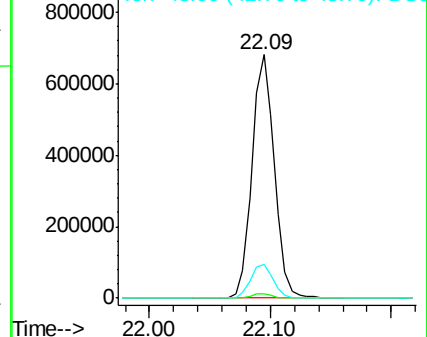
43 14.1 10.9 16.3

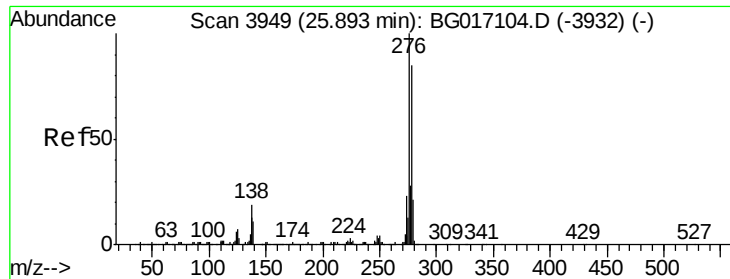


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 33.41 ng

RT: 25.88 min Scan# 3947

Delta R.T. -0.01 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

Instrument :

BNA_G

ClientSampleId :

PB83305BS

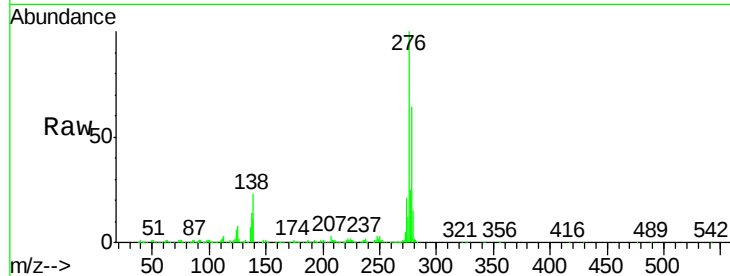
Tgt Ion:276 Resp: 824628

Ion Ratio Lower Upper

276 100

138 23.9 16.0 24.0

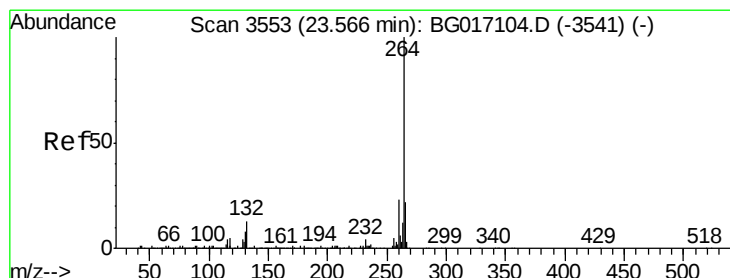
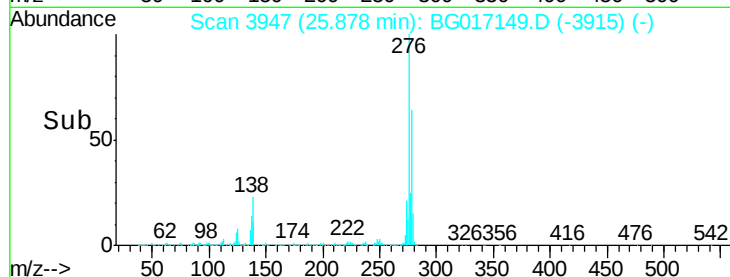
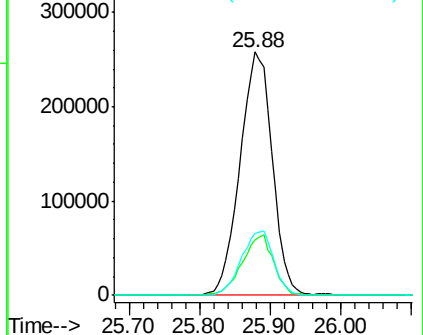
277 26.5 20.9 31.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.56 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

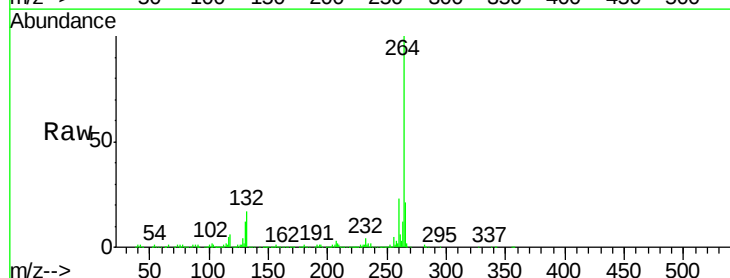
Tgt Ion:264 Resp: 378332

Ion Ratio Lower Upper

264 100

260 23.0 18.0 27.0

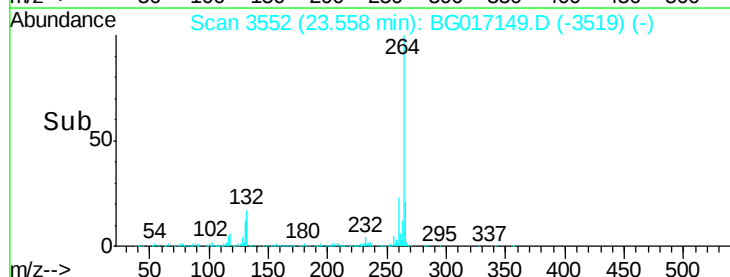
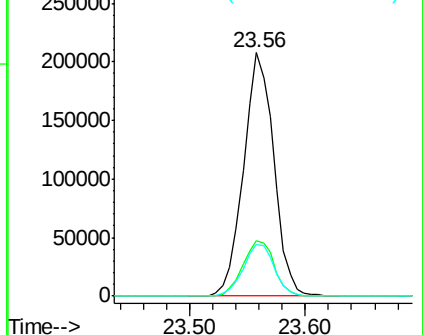
265 21.1 17.4 26.0

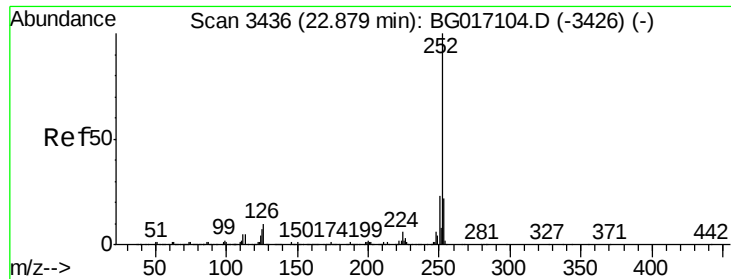


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 34.00 ng

RT: 22.88 min Scan# 3436

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

Instrument :

BNA_G

ClientSampleId :

PB83305BS

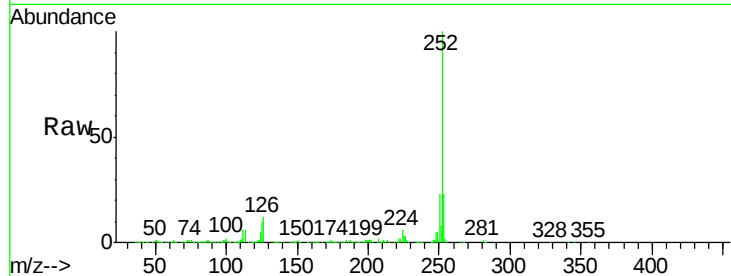
Tgt Ion:252 Resp: 749860

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

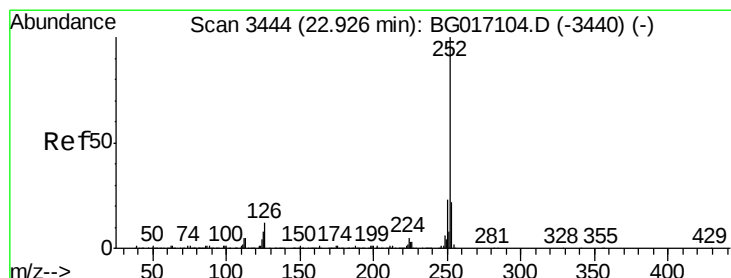
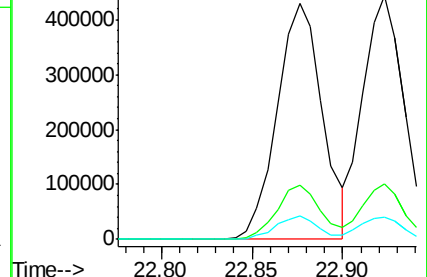
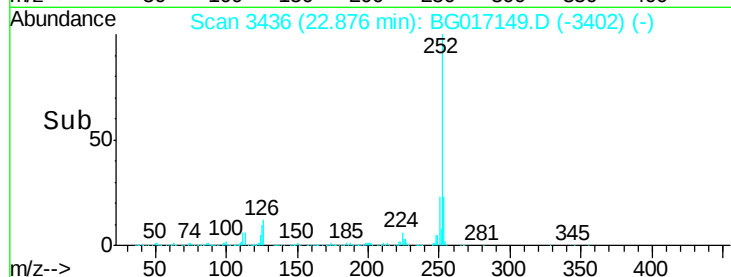
125 9.8 5.9 8.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 33.50 ng

RT: 22.92 min Scan# 3444

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

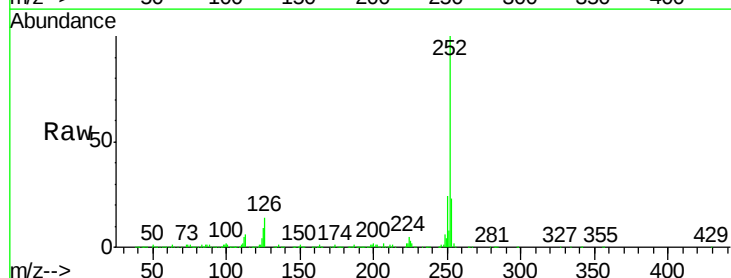
Tgt Ion:252 Resp: 701446

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

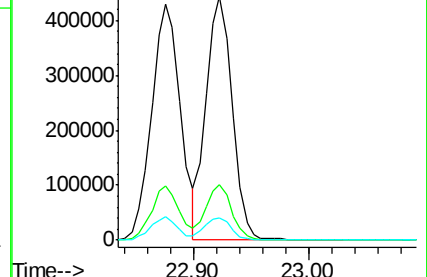
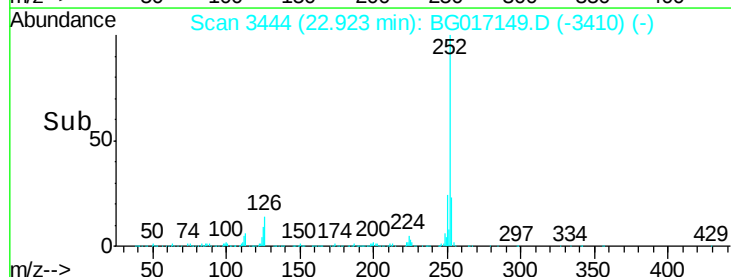
125 9.3 6.4 9.6

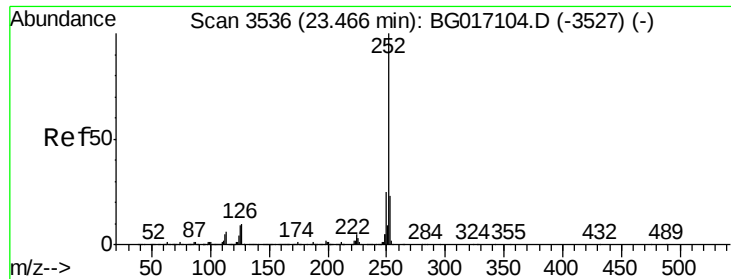


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 34.75 ng

RT: 23.46 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

Instrument :

BNA_G

ClientSampleId :

PB83305BS

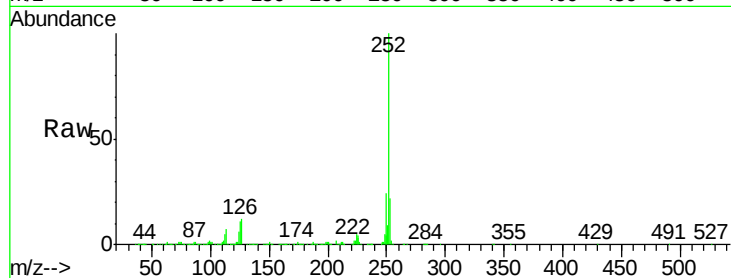
Tgt Ion:252 Resp: 703772

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

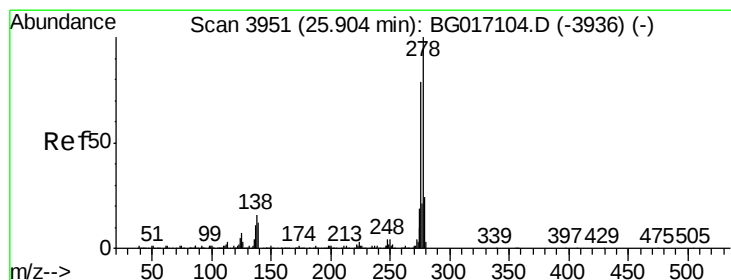
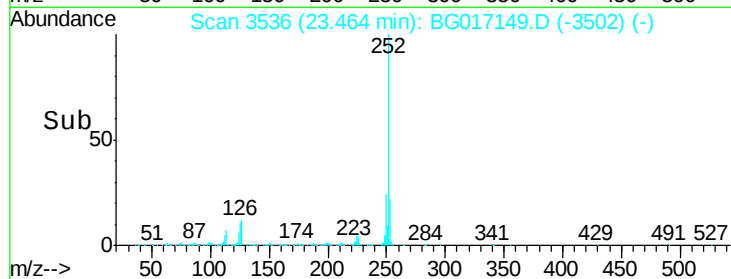
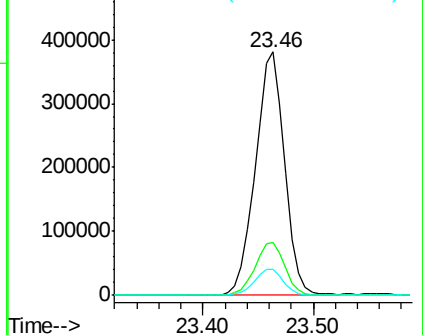
125 10.9 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 33.14 ng

RT: 25.90 min Scan# 3950

Delta R.T. -0.01 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

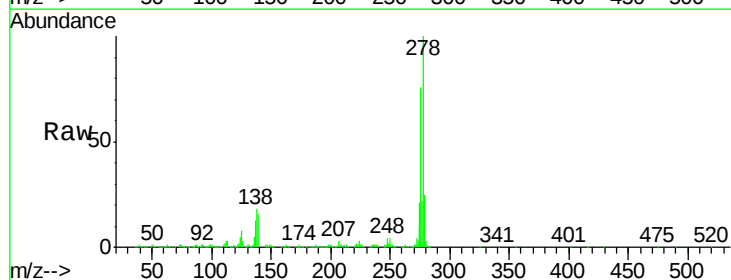
Tgt Ion:278 Resp: 688942

Ion Ratio Lower Upper

278 100

139 15.9 9.4 14.2#

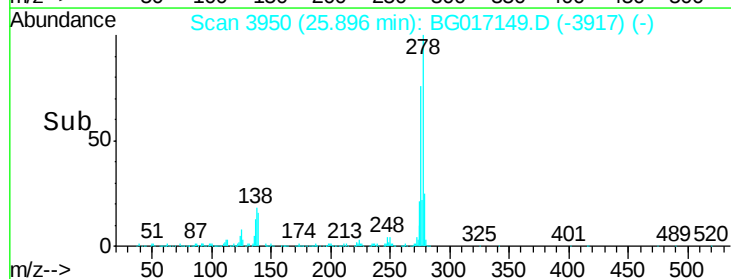
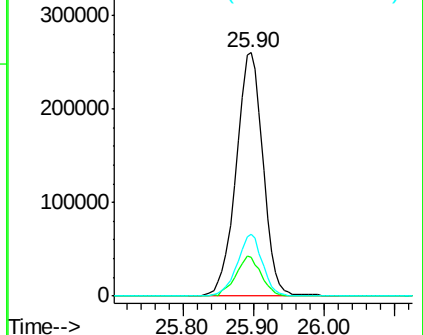
279 25.4 19.1 28.7

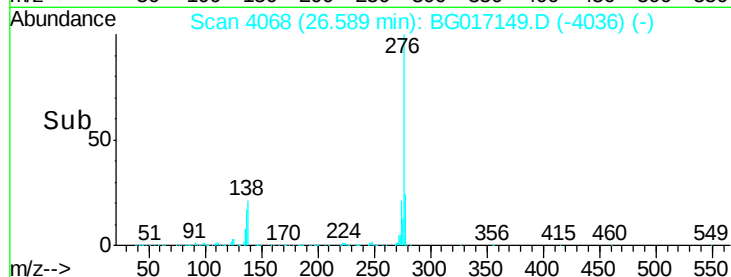
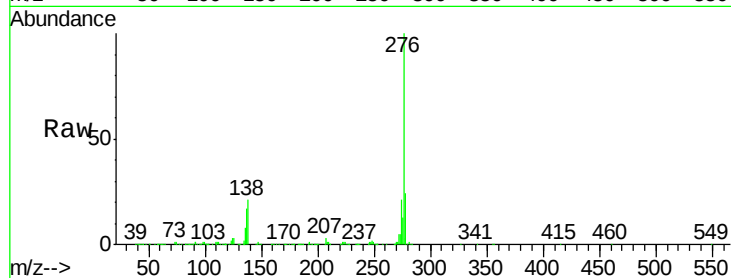
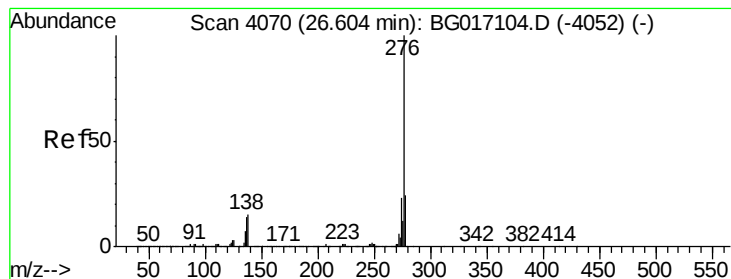


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 33.98 ng

RT: 26.59 min Scan# 4068

Delta R.T. -0.01 min

Lab File: BG017149.D

Acq: 14 May 2015 20:09

Instrument :

BNA_G

ClientSampleId :

PB83305BS

Tgt Ion: 276 Resp: 665058

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 21.3 11.8 17.8#

