

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017123.D
 Acq On : 14 May 2015 00:59
 Operator : TP/IZ
 Sample : G2194-19MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU012-SB-22-9.0MS

Quant Time: May 14 04:13:29 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 03:58:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	44637	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	208890	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	137557	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	308434	20.00	ng	0.00
75) Chrysene-d12	21.29	240	316542	20.00	ng	0.00
86) Perylene-d12	23.56	264	297240	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	449637	178.72	ng	0.00
7) Phenol-d6	6.91	99	628504	178.02	ng	0.00
23) Nitrobenzene-d5	8.87	82	425658	95.14	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	260357	156.57	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	849394	90.61	ng	0.00
78) Terphenyl-d14	19.74	244	1351576	88.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	41039	41.34	ng	93
3) Pyridine	3.57	79	120329	40.07	ng	98
4) n-Nitrosodimethylamine	3.49	42	98456	43.20	ng	94
6) Aniline	7.04	93	215645	44.15	ng	96
8) 2-Chlorophenol	7.28	128	160159	53.21	ng	94
9) Benzaldehyde	6.85	77	71703	29.00	ng	92
10) Phenol	6.93	94	213947	57.14	ng	97
11) bis(2-Chloroethyl)ether	7.14	93	148840	53.02	ng	100
12) 1,3-Dichlorobenzene	7.60	146	150658	44.82	ng	99
13) 1,4-Dichlorobenzene	7.75	146	152997	45.09	ng	95
14) 1,2-Dichlorobenzene	8.06	146	147885	45.63	ng	95
15) Benzyl Alcohol	7.96	79	177440	51.73	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.25	45	253389	55.67	ng	98
17) 2-Methylphenol	8.17	107	144252	53.13	ng	94
18) Hexachloroethane	8.79	117	64096	45.23	ng	92
19) n-Nitroso-di-n-propylamine	8.52	70	146952	47.77	ng	97
20) 3+4-Methylphenols	8.50	107	201538	53.42	ng	96
22) Acetophenone	8.53	105	249731	49.26	ng	# 97
24) Nitrobenzene	8.91	77	214298	48.95	ng	99
25) Isophorone	9.43	82	396882	48.13	ng	99
26) 2-Nitrophenol	9.62	139	93666	47.86	ng	# 90
27) 2,4-Dimethylphenol	9.70	122	161843	50.25	ng	97
28) bis(2-Chloroethoxy)methane	9.92	93	204206	50.86	ng	93
29) 2,4-Dichlorophenol	10.17	162	163742	53.89	ng	96
30) 1,2,4-Trichlorobenzene	10.37	180	152549	44.26	ng	92
31) Naphthalene	10.55	128	485854	47.53	ng	97
32) Benzoic acid	9.83	122	64318	29.47	ng	# 83
33) 4-Chloroaniline	10.67	127	187243	38.73	ng	95
34) Hexachlorobutadiene	10.84	225	91823	42.07	ng	97
35) Caprolactam	11.44	113	40028	26.20	ng	88
36) 4-Chloro-3-methylphenol	11.82	107	202528	52.75	ng	99
37) 2-Methylnaphthalene	12.18	142	379340	46.79	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	176447	45.34	ng	98
40) Hexachlorocyclopentadiene	12.52	237	217022	91.42	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	132373	47.95	ng	98
43) 2,4,5-Trichlorophenol	12.89	196	146483	51.50	ng	97
45) 1,1'-Biphenyl	13.20	154	475861	48.03	ng	98
46) 2-Chloronaphthalene	13.23	162	369845	47.15	ng	97
47) 2-Nitroaniline	13.45	65	157577	51.63	ng	96
48) Acenaphthylene	14.09	152	638921	47.55	ng	98
49) Dimethylphthalate	13.83	163	594075	55.23	ng	99
50) 2,6-Dinitrotoluene	13.95	165	120526	50.57	ng	93
51) Acenaphthene	14.43	154	378583	47.70	ng	99
52) 3-Nitroaniline	14.28	138	117719	44.52	ng	# 92
53) 2,4-Dinitrophenol	14.48	184	147566	106.64	ng	95
54) Dibenzofuran	14.77	168	582578	49.38	ng	99
55) 4-Nitrophenol	14.63	139	228438	107.28	ng	94
56) 2,4-Dinitrotoluene	14.74	165	173230	52.11	ng	90
57) Fluorene	15.41	166	499105	47.79	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.00	232	134115	51.38	ng	98
59) Diethylphthalate	15.20	149	557225	48.23	ng	98
60) 4-Chlorophenyl-phenylether	15.41	204	257684	48.04	ng	95
61) 4-Nitroaniline	15.45	138	149910	50.81	ng	94
62) Azobenzene	15.71	77	576949	52.27	ng	95
64) 4,6-Dinitro-2-methylphenol	15.50	198	105092	49.71	ng	94
65) n-Nitrosodiphenylamine	15.63	169	454115	47.96	ng	98
66) 4-Bromophenyl-phenylether	16.31	248	159544	47.43	ng	97
67) Hexachlorobenzene	16.42	284	166017	46.77	ng	94
68) Atrazine	16.58	200	179191	51.73	ng	97
69) Pentachlorophenol	16.77	266	218572	98.64	ng	93
70) Phenanthrene	17.15	178	763606	48.01	ng	100
71) Anthracene	17.25	178	770453	47.80	ng	98
72) Carbazole	17.52	167	764121	51.59	ng	97
73) Di-n-butylphthalate	18.09	149	947556	47.81	ng	99
74) Fluoranthene	19.17	202	905983	47.43	ng	95
76) Benzidine	19.37	184	470433	45.52	ng	98
77) Pyrene	19.54	202	920953	47.42	ng	98
79) Butylbenzylphthalate	20.44	149	421854	47.77	ng	93
80) Benzo(a)anthracene	21.28	228	835855	46.08	ng	98
81) 3,3'-Dichlorobenzidine	21.22	252	298403	42.51	ng	99
82) Chrysene	21.34	228	776666	45.97	ng	98
83) Bis(2-ethylhexyl)phthalate	21.21	149	599181	47.75	ng	99
84) Di-n-octyl phthalate	22.10	149	996570	47.70	ng	99
85) Indeno(1,2,3-cd)pyrene	25.88	276	929792	45.99	ng	97
87) Benzo(b)fluoranthene	22.88	252	825390	47.64	ng	98
88) Benzo(k)fluoranthene	22.93	252	808535	49.15	ng	99
89) Benzo(a)pyrene	23.46	252	792578	49.81	ng	98
90) Dibenzo(a,h)anthracene	25.89	278	785496	48.09	ng	97
91) Benzo(g,h,i)perylene	26.59	276	752091	48.92	ng	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 854

Delta R.T. -0.00 min

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TU012-SB-22-9.0MS

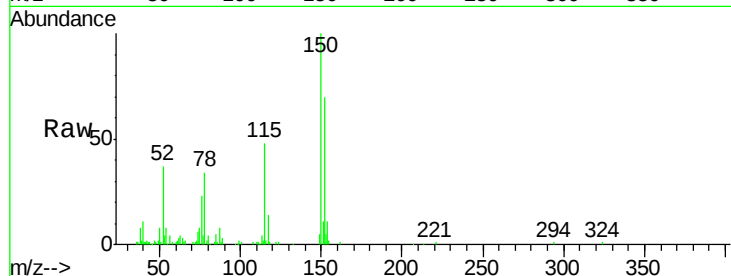
Tgt Ion:152 Resp: 44637

Ion Ratio Lower Upper

152 100

150 142.2 120.8 181.2

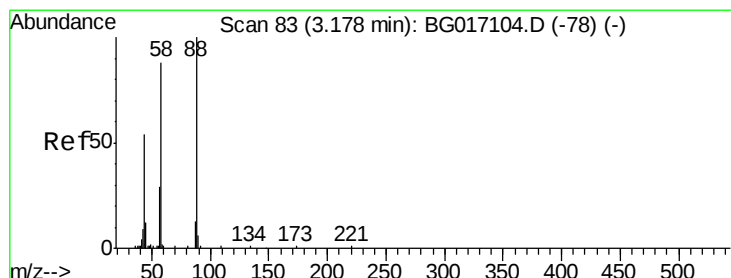
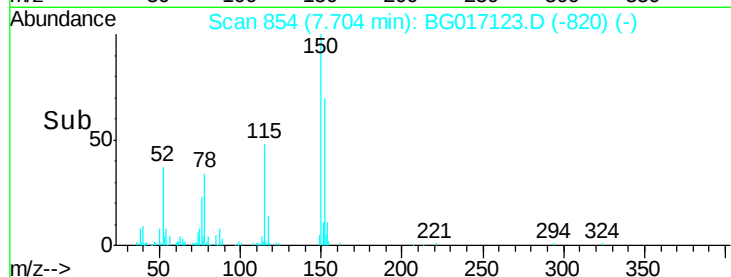
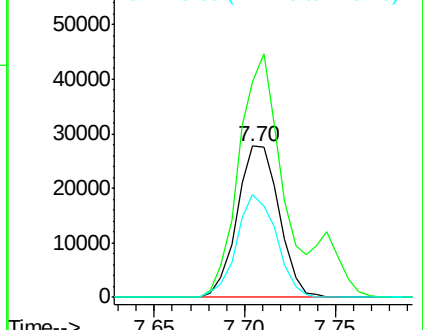
115 68.1 49.4 74.2



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: 41.34 ng

RT: 3.17 min Scan# 83

Delta R.T. -0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

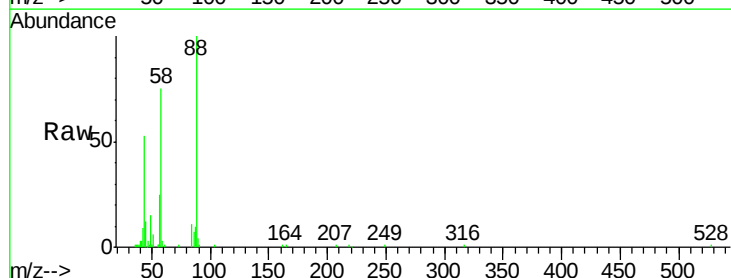
Tgt Ion: 88 Resp: 41039

Ion Ratio Lower Upper

88 100

58 78.8 68.6 103.0

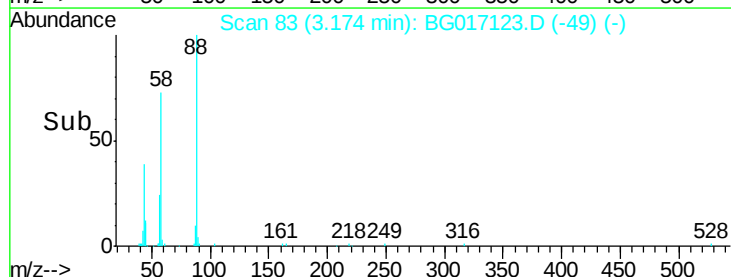
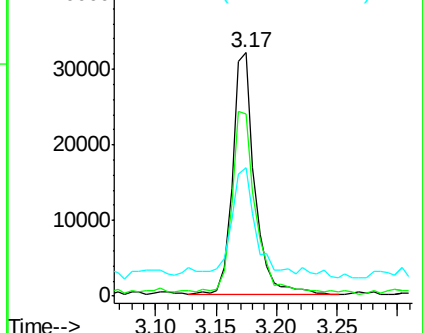
43 45.6 40.3 60.5



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: 40.07 ng

RT: 3.57 min Scan# 150

Delta R.T. -0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

Instrument :

BNA_G

ClientSampleId :

TU012-SB-22-9.0MS

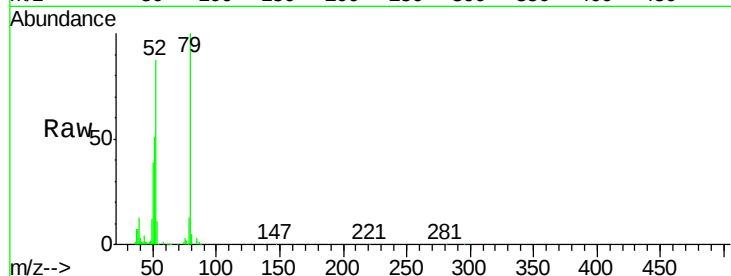
Tgt Ion: 79 Resp: 120329

Ion Ratio Lower Upper

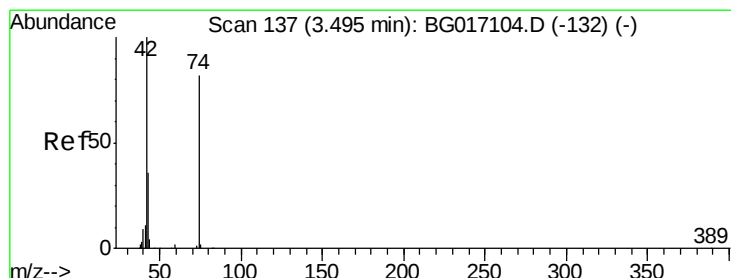
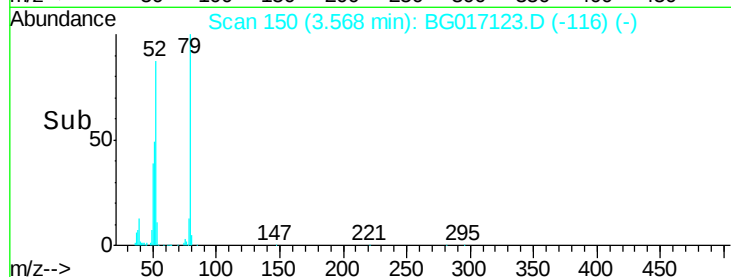
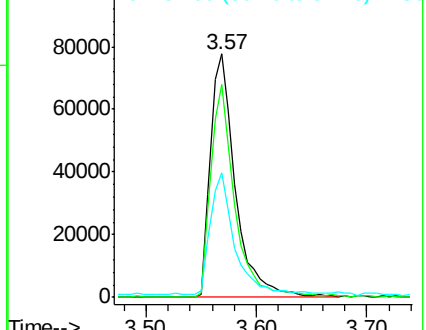
79 100

52 87.3 72.2 108.2

51 51.1 40.6 60.8



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



#4

n-Nitrosodimethylamine

Concen: 43.20 ng

RT: 3.49 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

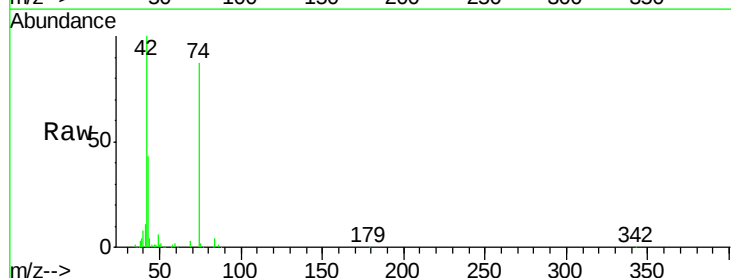
Tgt Ion: 42 Resp: 98456

Ion Ratio Lower Upper

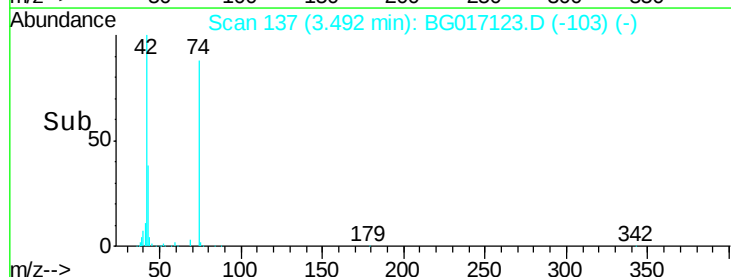
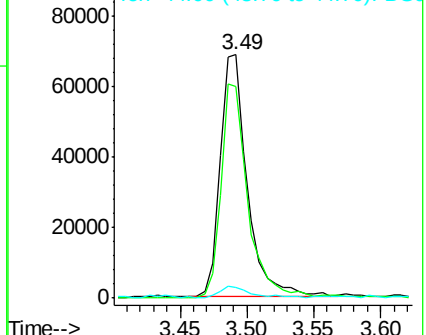
42 100

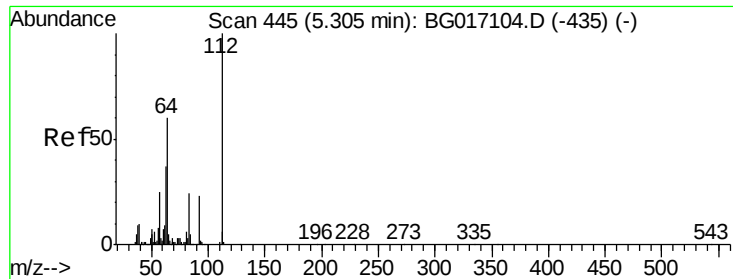
74 87.2 65.2 97.8

44 4.2 3.2 4.8



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





#5

2-Fluorophenol

Concen: 178.72 ng

RT: 5.30 min Scan# 445

Delta R.T. -0.00 min

Lab File: BG017123.D

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ClientSampleId :

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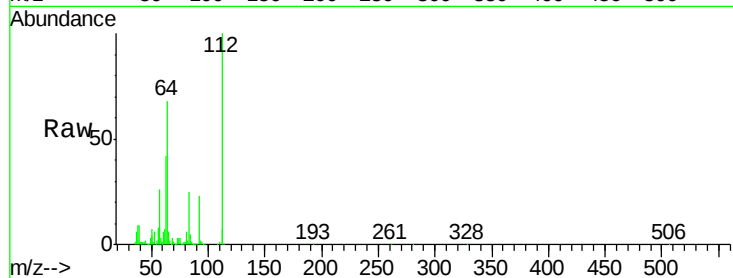
Tgt Ion: 112 Resp: 449637

Ion Ratio Lower Upper

112 100

64 68.0 48.1 72.1

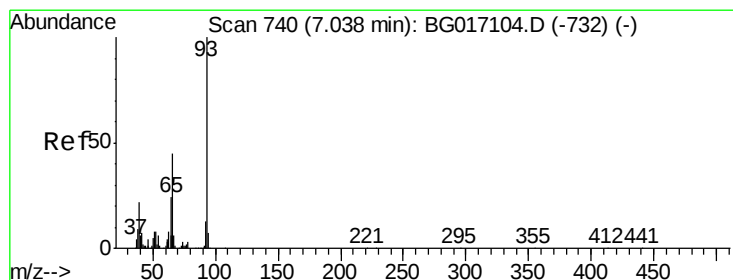
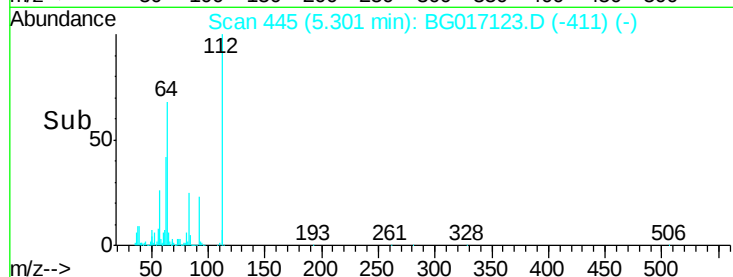
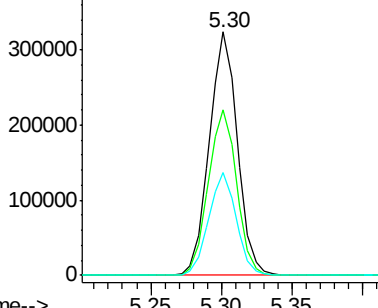
63 42.1 29.8 44.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 44.15 ng

RT: 7.04 min Scan# 741

Delta R.T. 0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

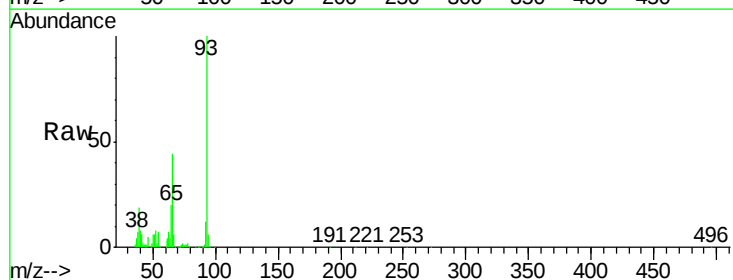
Tgt Ion: 93 Resp: 215645

Ion Ratio Lower Upper

93 100

66 43.5 35.8 53.8

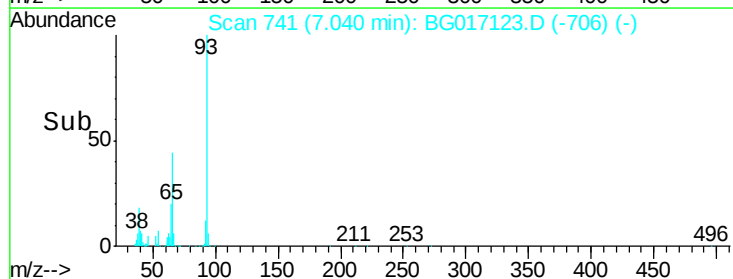
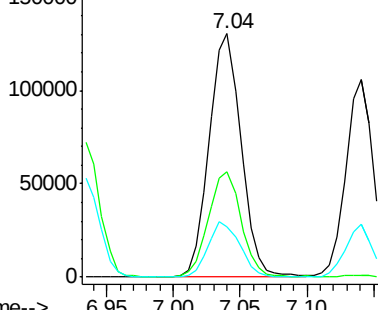
65 20.5 19.2 28.8

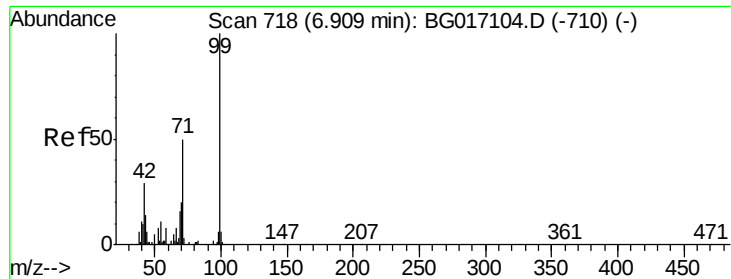


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 178.02 ng

RT: 6.91 min Scan# 719

Delta R.T. 0.00 min

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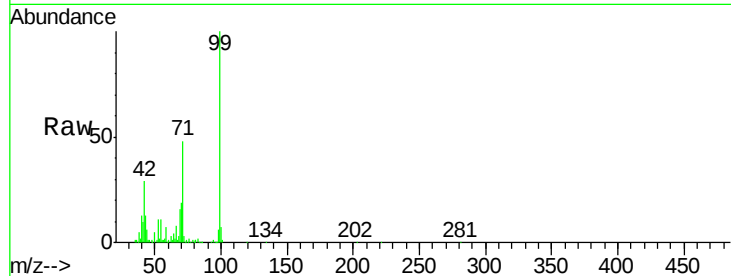
Tgt Ion: 99 Resp: 628504

Ion Ratio Lower Upper

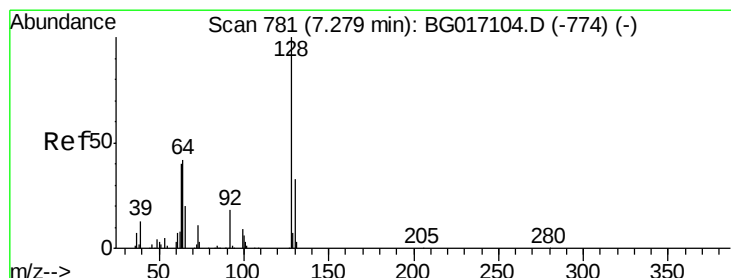
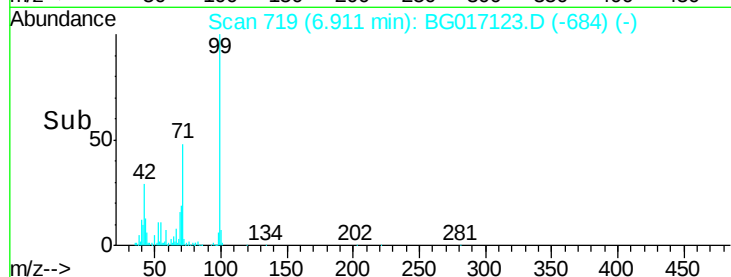
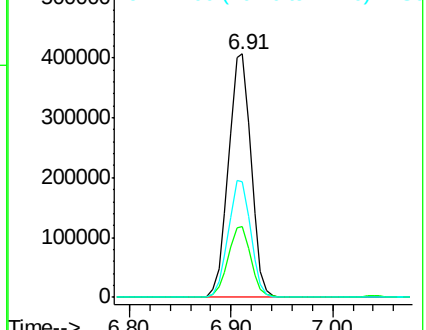
99 100

42 29.3 23.5 35.3

71 47.7 39.8 59.8



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



#8

2-Chlorophenol

Concen: 53.21 ng

RT: 7.28 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

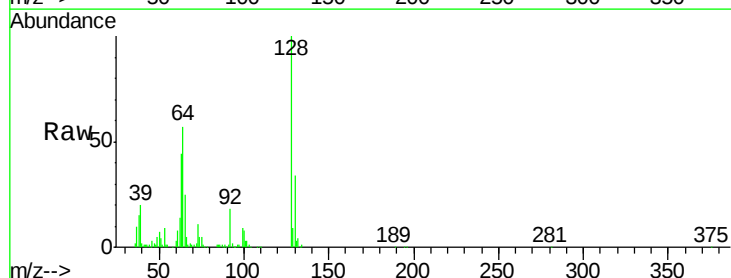
Tgt Ion: 128 Resp: 160159

Ion Ratio Lower Upper

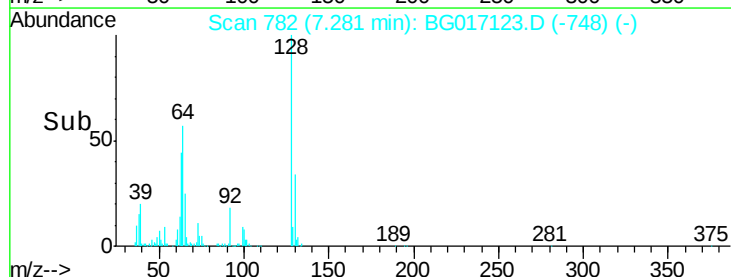
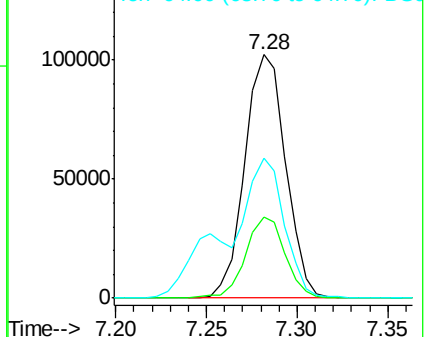
128 100

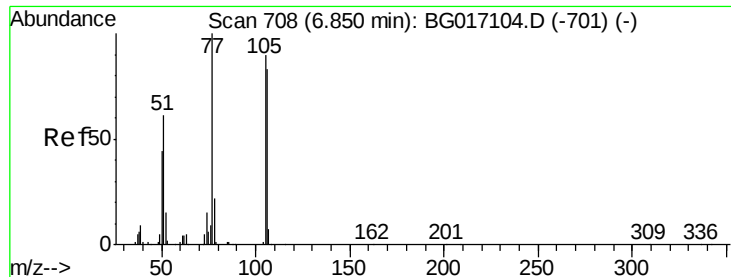
130 33.6 13.3 53.3

64 57.4 30.9 70.9



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





#9

Benzaldehyde

Concen: 29.00 ng

RT: 6.85 min Scan# 708

Delta R.T. -0.00 min

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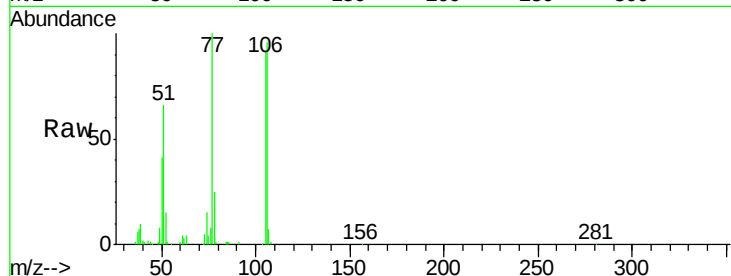
Tgt Ion: 77 Resp: 71703

Ion Ratio Lower Upper

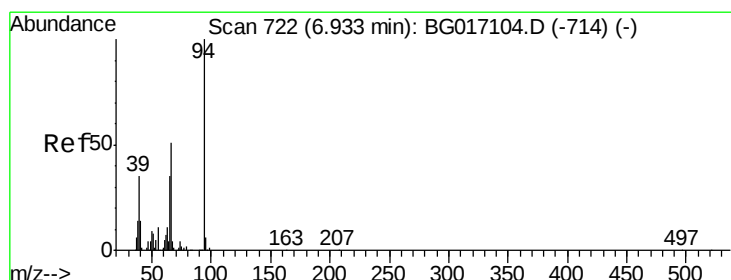
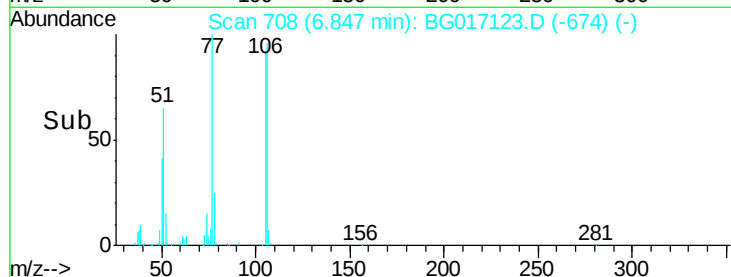
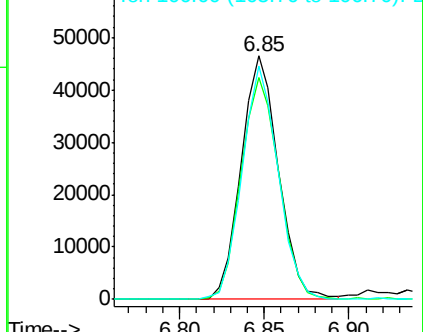
77 100

105 91.2 69.5 109.5

106 95.7 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: 57.14 ng

RT: 6.93 min Scan# 723

Delta R.T. 0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

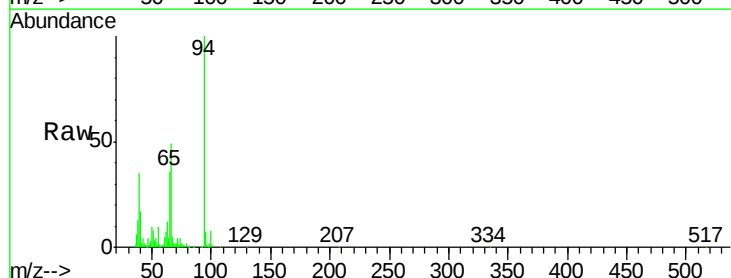
Tgt Ion: 94 Resp: 213947

Ion Ratio Lower Upper

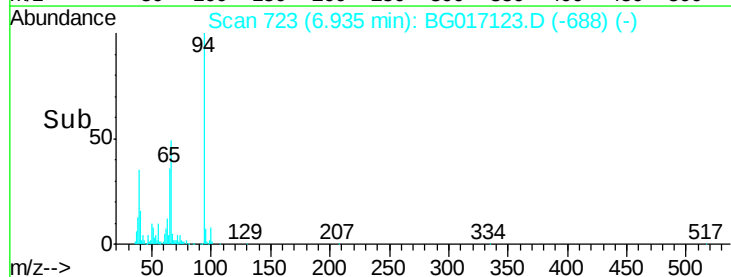
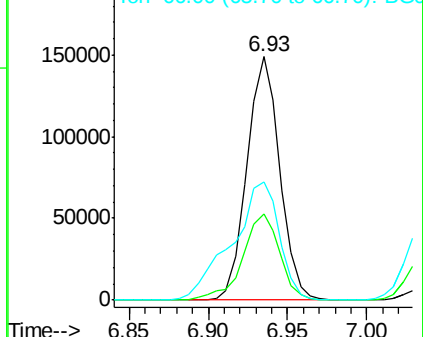
94 100

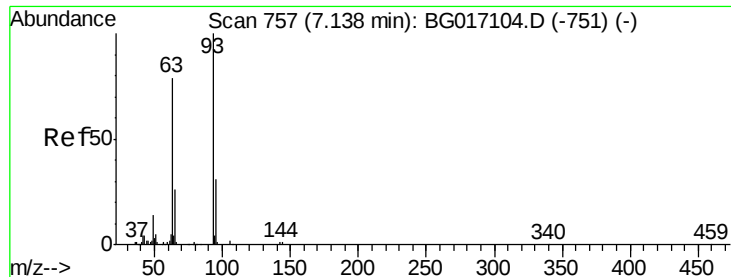
65 35.7 15.0 55.0

66 48.6 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: 53.02 ng

RT: 7.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

Instrument :

BNA_G

ClientSampleId :

TU012-SB-22-9.0MS

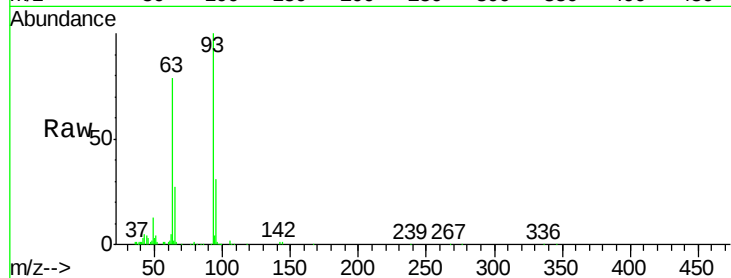
Tgt Ion: 93 Resp: 148840

Ion Ratio Lower Upper

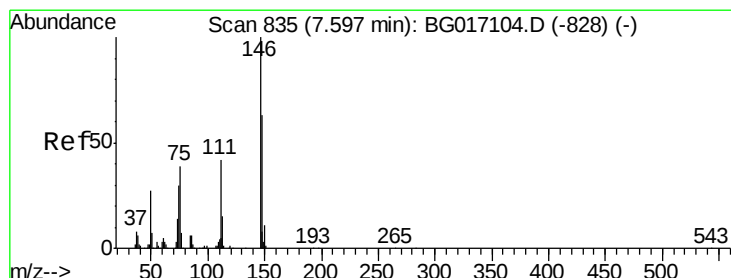
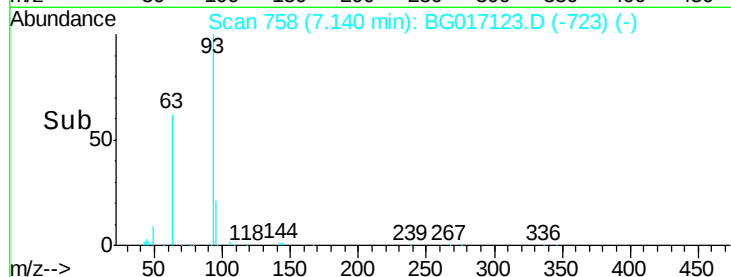
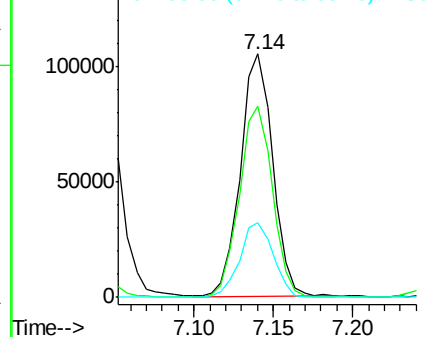
93 100

63 78.7 58.5 98.5

95 30.6 11.0 51.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 44.82 ng

RT: 7.60 min Scan# 836

Delta R.T. 0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

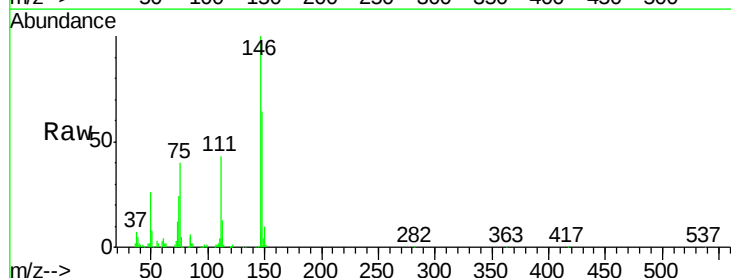
Tgt Ion: 146 Resp: 150658

Ion Ratio Lower Upper

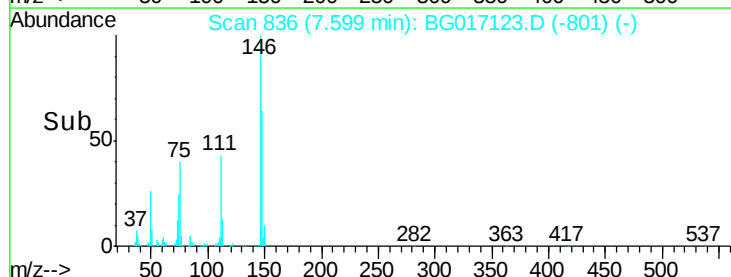
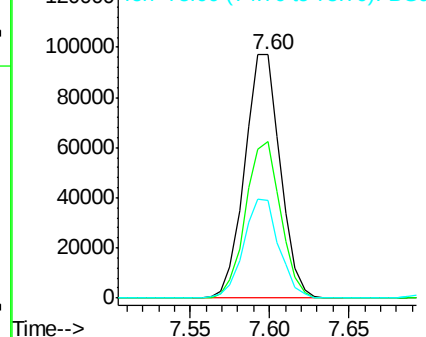
146 100

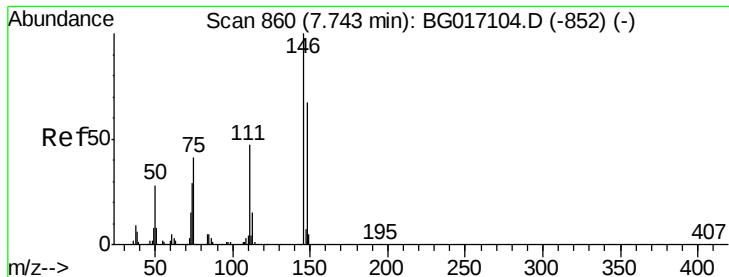
148 64.5 50.6 75.8

75 40.0 31.4 47.2



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 45.09 ng

RT: 7.75 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

Instrument :

BNA_G

ClientSampleId :

TU012-SB-22-9.0MS

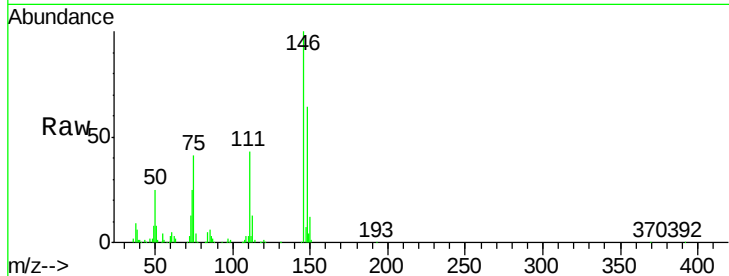
Tgt Ion:146 Resp: 152997

Ion Ratio Lower Upper

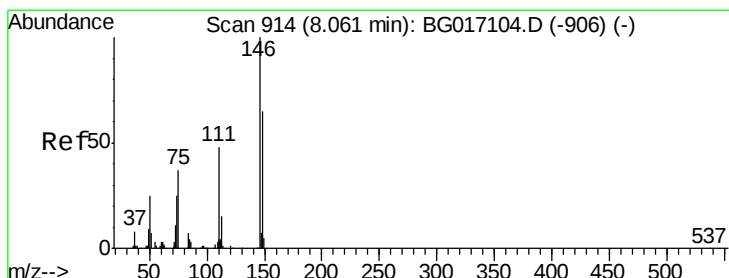
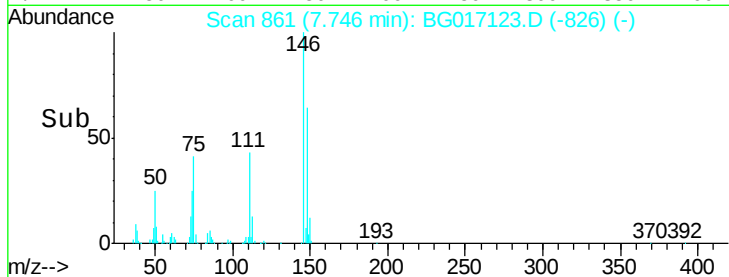
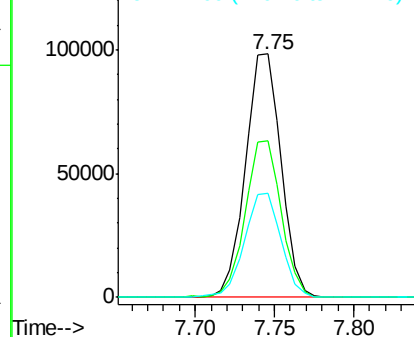
146 100

148 64.2 53.9 80.9

111 42.6 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: 45.63 ng

RT: 8.06 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

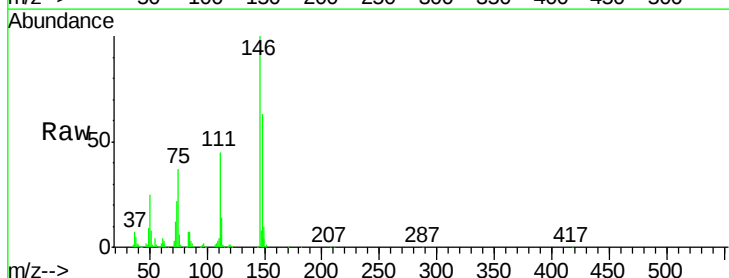
Tgt Ion:146 Resp: 147885

Ion Ratio Lower Upper

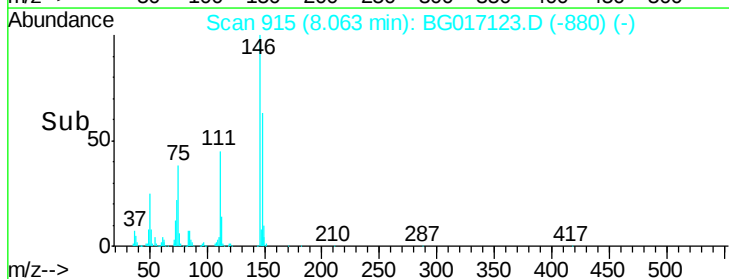
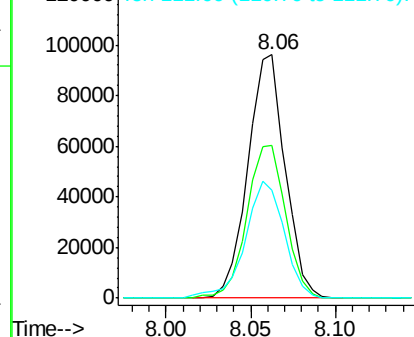
146 100

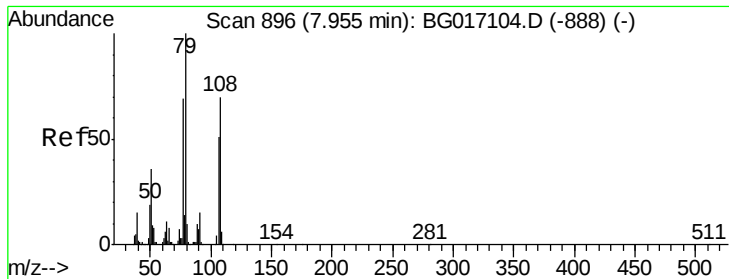
148 62.7 52.3 78.5

111 44.6 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: 51.73 ng

RT: 7.96 min Scan# 897

Delta R.T. 0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

Instrument :

BNA_G

ClientSampleId :

TU012-SB-22-9.0MS

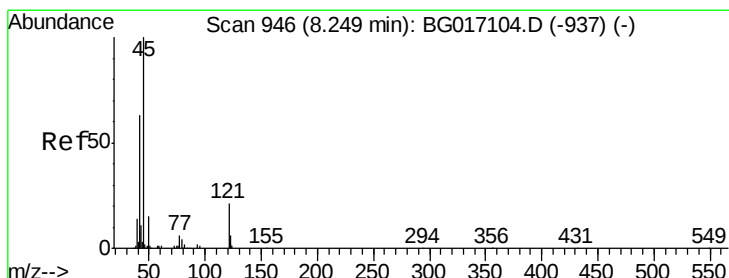
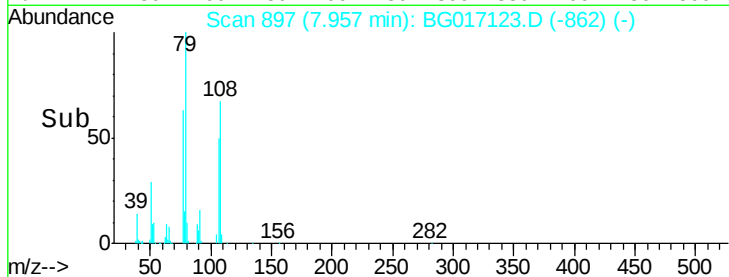
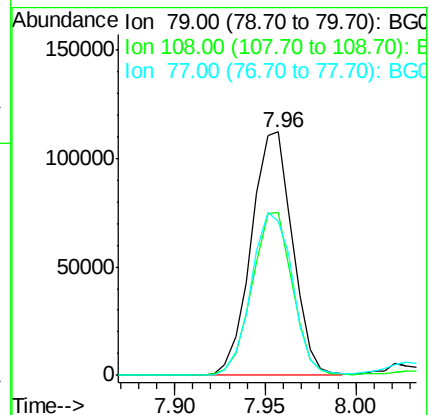
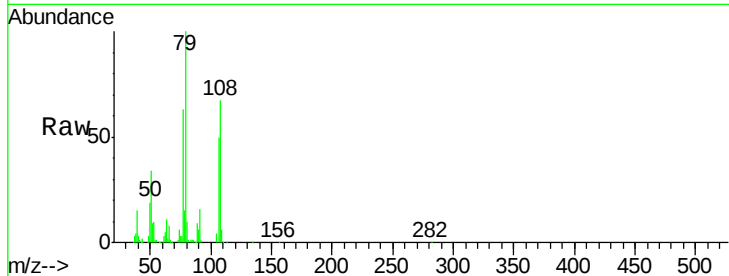
Tgt Ion: 79 Resp: 177440

Ion Ratio Lower Upper

79 100

108 67.1 55.8 83.6

77 63.4 55.4 83.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 55.67 ng

RT: 8.25 min Scan# 947

Delta R.T. -0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

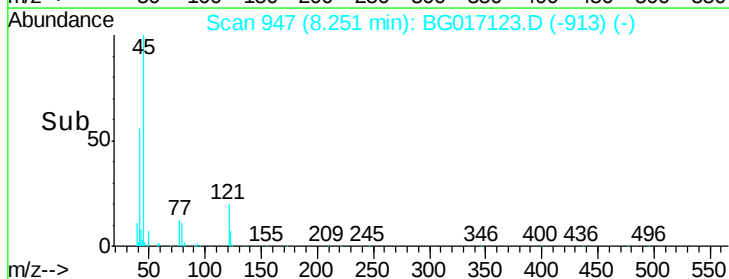
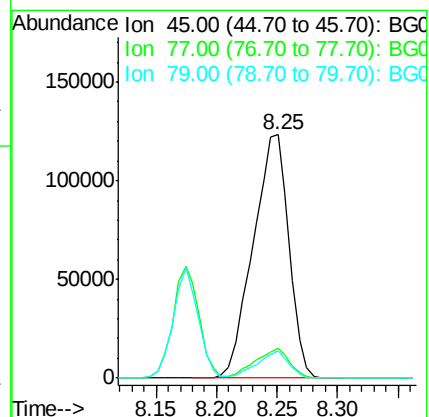
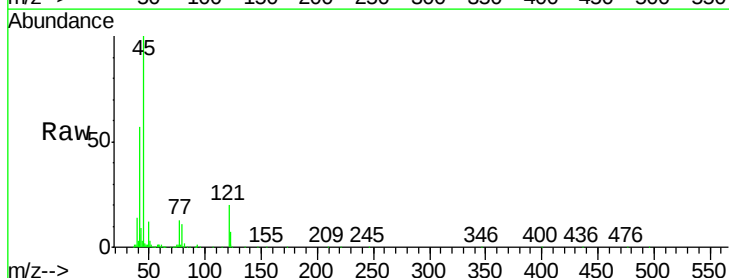
Tgt Ion: 45 Resp: 253389

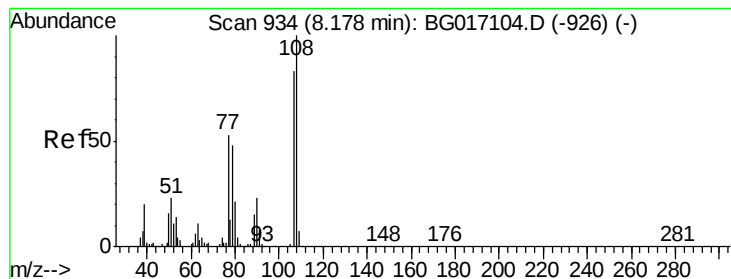
Ion Ratio Lower Upper

45 100

77 12.5 0.0 32.5

79 11.0 0.0 29.4





#17

2-Methylphenol

Concen: 53.13 ng

RT: 8.17 min Scan# 934

Delta R.T. 0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

Instrument :

BNA_G

ClientSampleId :

TU012-SB-22-9.0MS

Tgt Ion:107 Resp: 144252

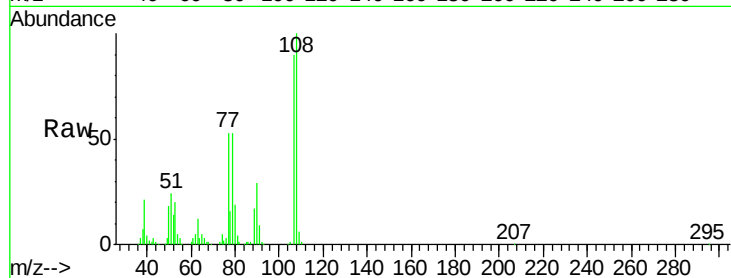
Ion Ratio Lower Upper

107 100

108 111.6 96.6 144.8

77 59.1 51.2 76.8

79 58.6 45.9 68.9

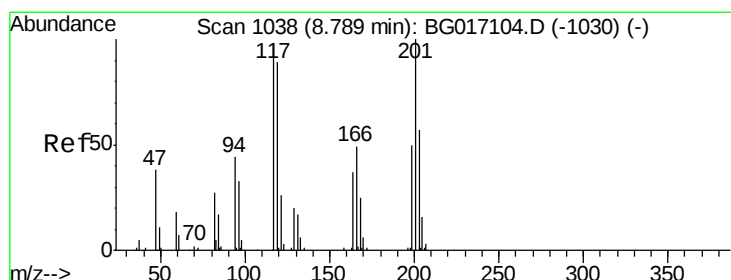
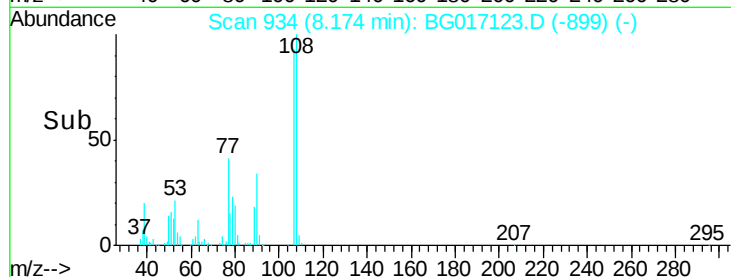
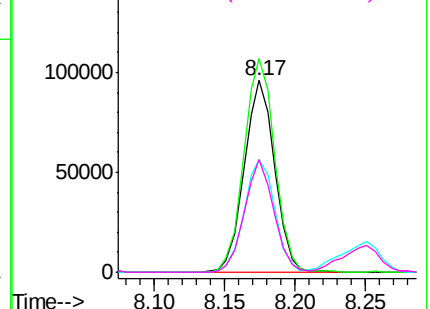


Abundance Ion 107.00 (106.70 to 107.70): E

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: 45.23 ng

RT: 8.79 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

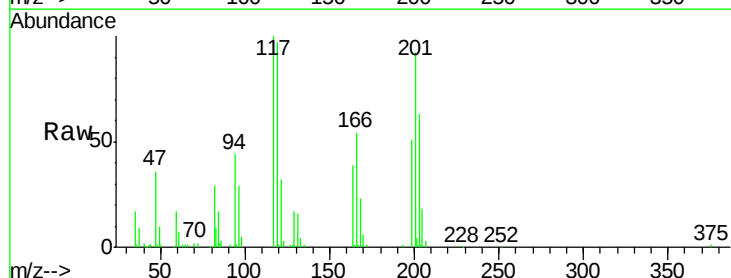
Tgt Ion:117 Resp: 64096

Ion Ratio Lower Upper

117 100

119 97.4 73.0 109.6

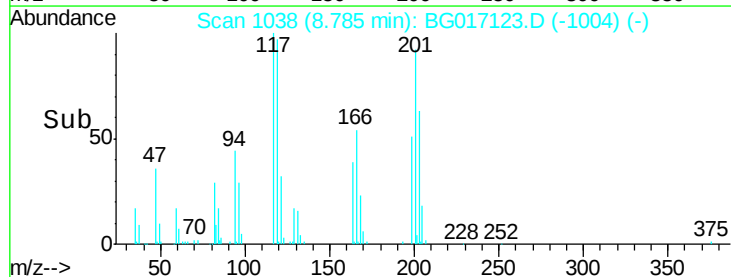
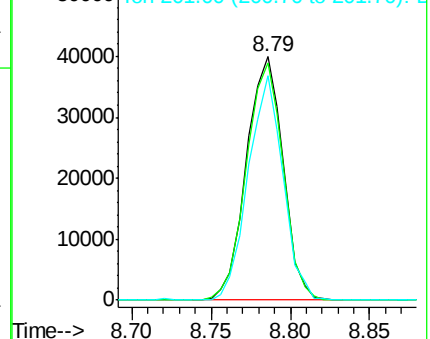
201 92.2 81.7 122.5

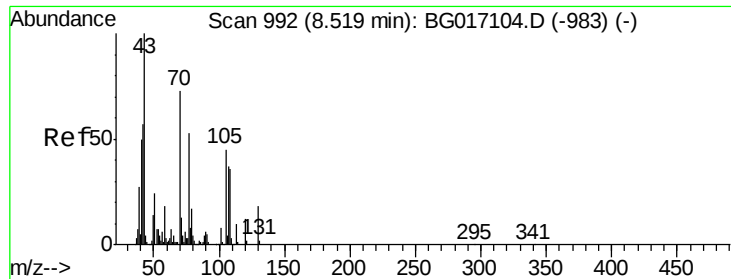


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

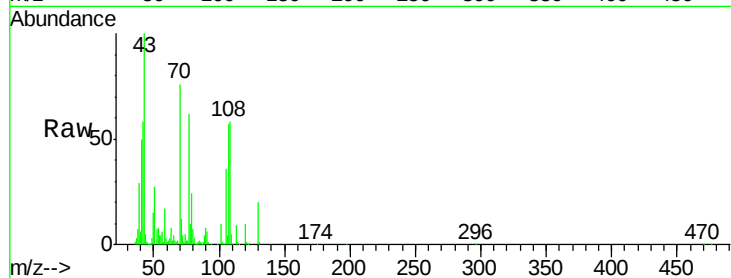




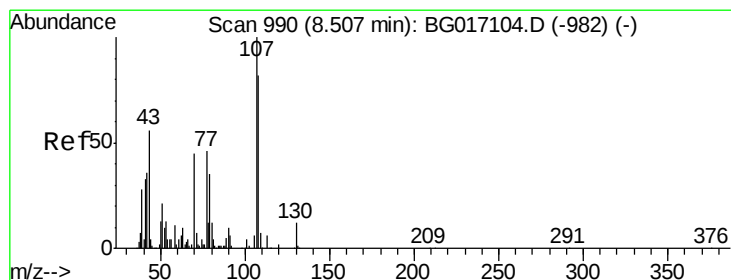
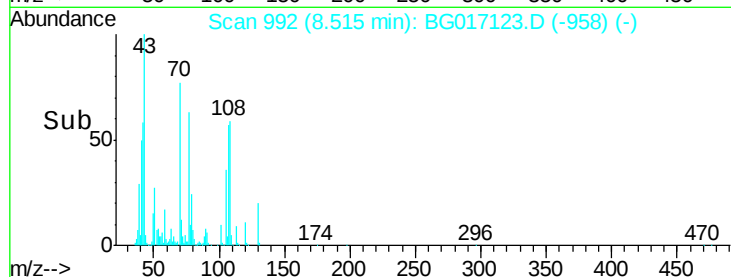
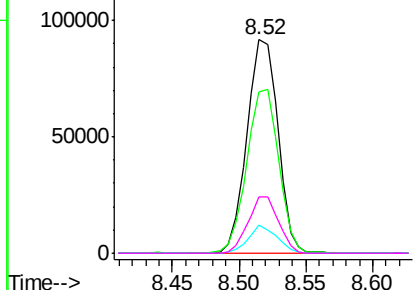
#19
 n-Nitroso-di-n-propylamine
 Concen: 47.77 ng
 RT: 8.52 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BG017123.D
 Acq: 14 May 2015 00:59

Instrument :
 BNA_G
 ClientSampleId :
 TU012-SB-22-9.0MS

Tgt Ion:	70	Resp:	146952
Ion	Ratio	Lower	Upper
70	100		
42	75.8	62.6	94.0
101	13.1	9.0	13.4
130	26.2	20.0	30.0

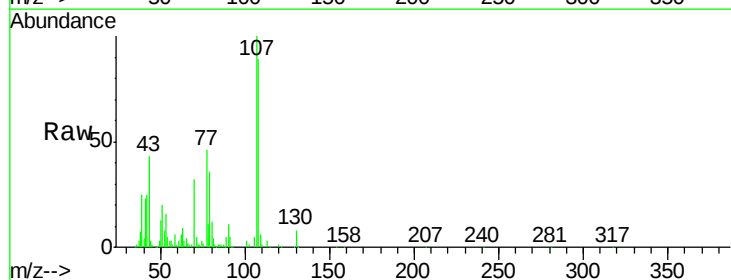


Abundance Ion 70.00 (69.70 to 70.70): BGC
 Ion 42.00 (41.70 to 42.70): BGC
 Ion 101.00 (100.70 to 101.70): BGC
 Ion 130.00 (129.70 to 130.70): BGC

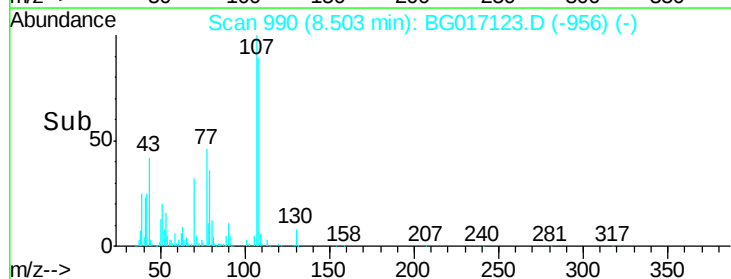
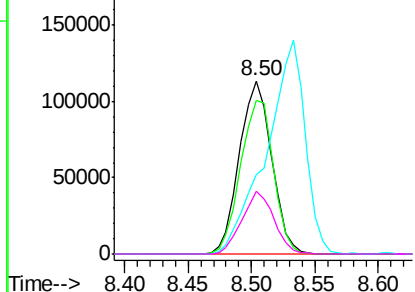


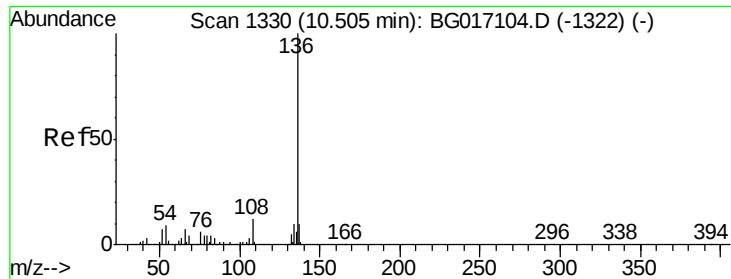
#20
 3+4-Methylphenols
 Concen: 53.42 ng
 RT: 8.50 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BG017123.D
 Acq: 14 May 2015 00:59

Tgt Ion:	107	Resp:	201538
Ion	Ratio	Lower	Upper
107	100		
108	88.8	62.2	102.2
77	45.5	26.0	66.0
79	35.9	14.8	54.8



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

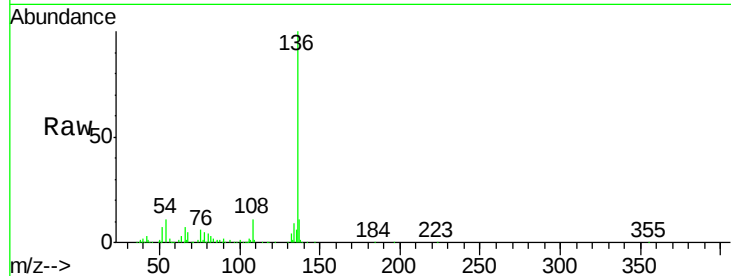




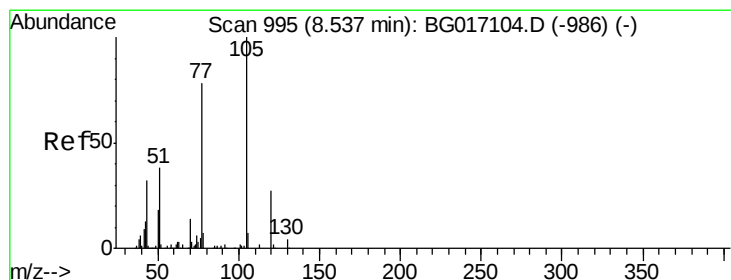
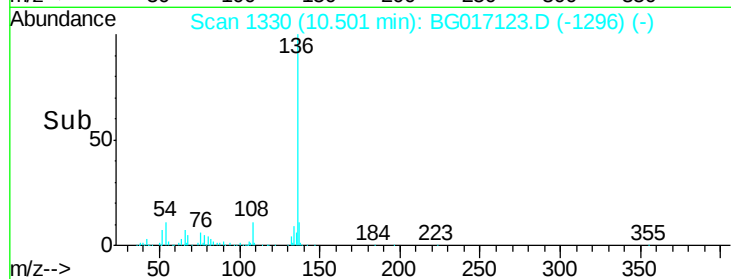
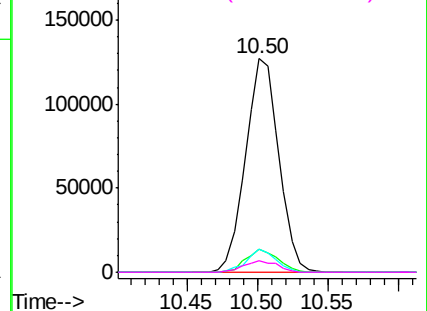
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.50 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG017123.D
Acq: 14 May 2015 00:59

Instrument :
BNA_G
ClientSampleId :
TU012-SB-22-9.0MS

Tgt Ion:	136	Resp:	208890
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.3	12.5
54	10.6	7.4	11.2
68	5.3	3.6	5.4

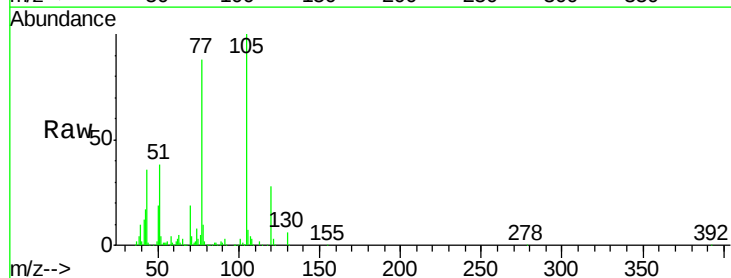


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

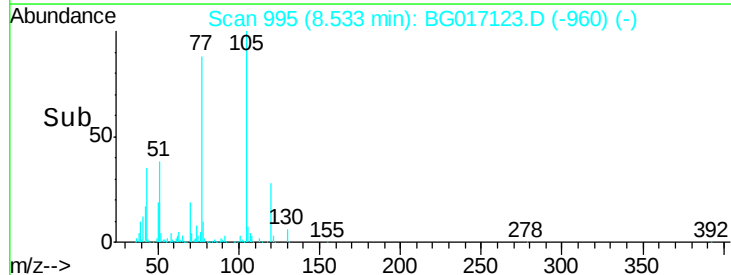
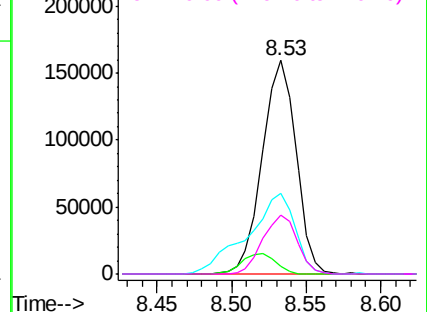


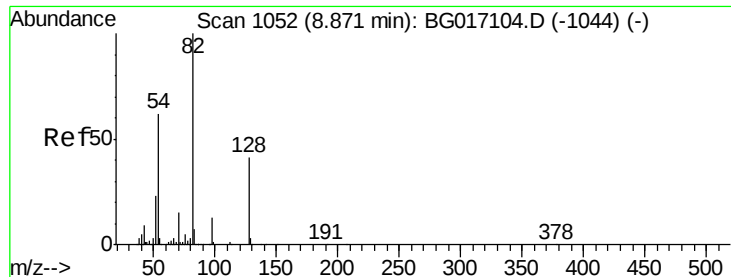
#22
Acetophenone
Concen: 49.26 ng
RT: 8.53 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG017123.D
Acq: 14 May 2015 00:59

Tgt Ion:	105	Resp:	249731
Ion	Ratio	Lower	Upper
105	100		
71	3.7	2.2	3.4#
51	37.9	32.8	49.2
120	27.6	21.8	32.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

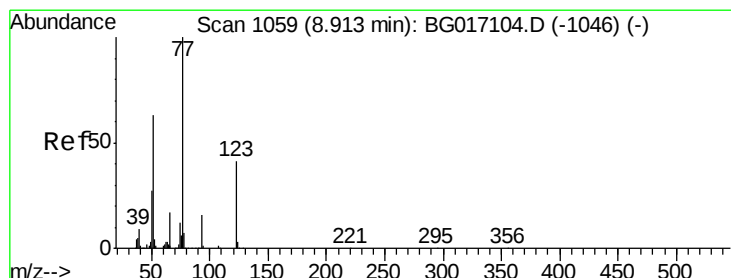
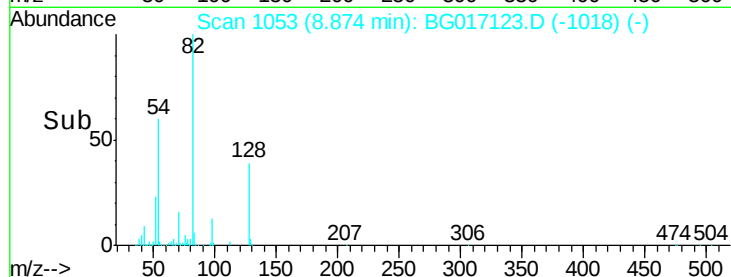
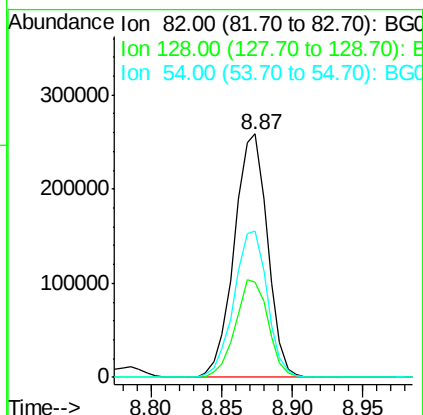
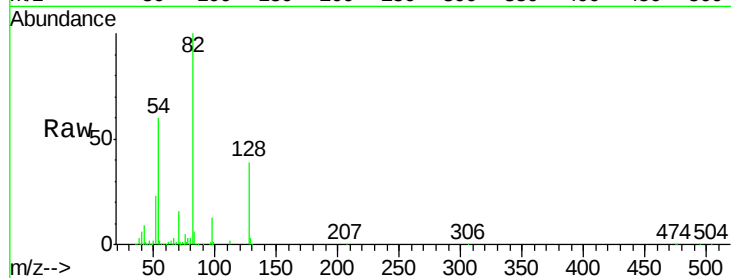




#23
 Nitrobenzene-d5
 Concen: 95.14 ng
 RT: 8.87 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BG017123.D
 Acq: 14 May 2015 00:59

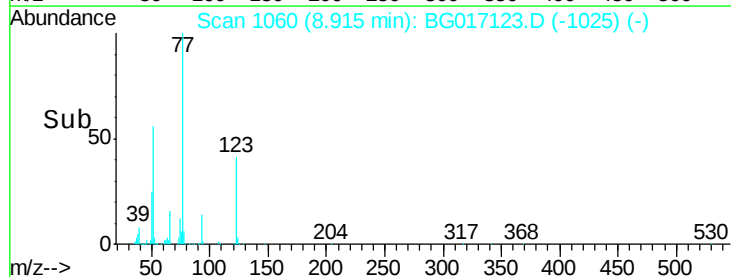
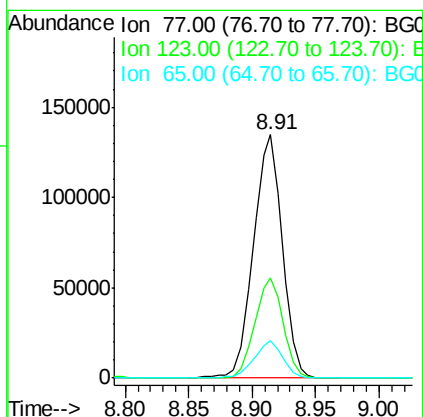
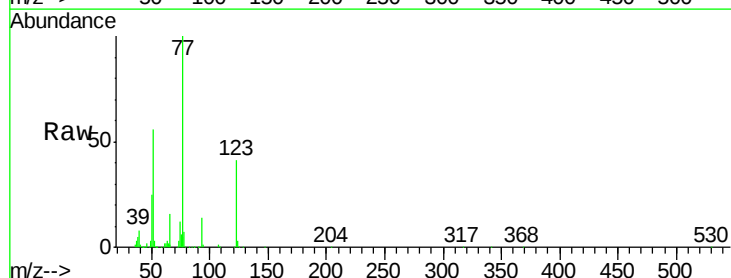
Instrument :
 BNA_G
 ClientSampleId :
 TU012-SB-22-9.0MS

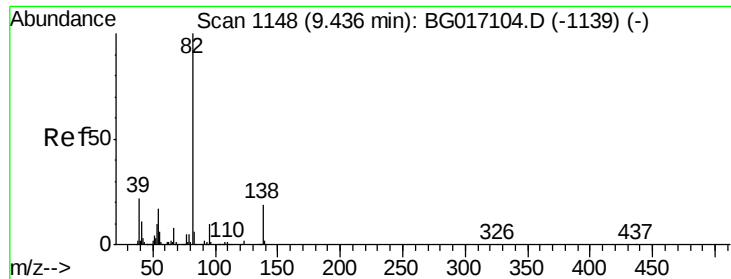
Tgt Ion: 82 Resp: 425658
 Ion Ratio Lower Upper
 82 100
 128 39.1 32.6 49.0
 54 60.3 49.6 74.4



#24
 Nitrobenzene
 Concen: 48.95 ng
 RT: 8.91 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BG017123.D
 Acq: 14 May 2015 00:59

Tgt Ion: 77 Resp: 214298
 Ion Ratio Lower Upper
 77 100
 123 41.3 33.0 49.4
 65 15.5 13.3 19.9

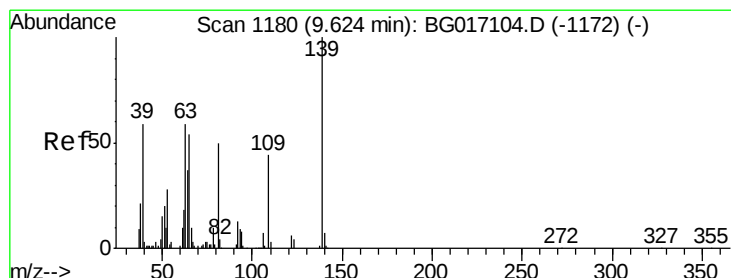
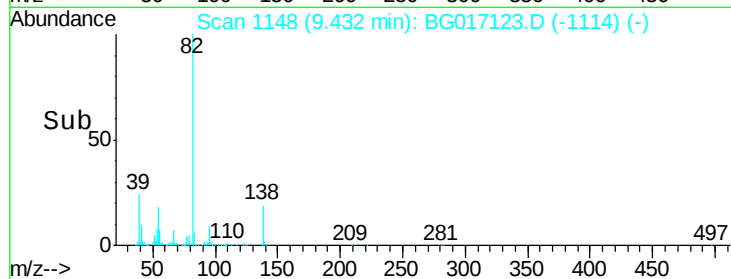
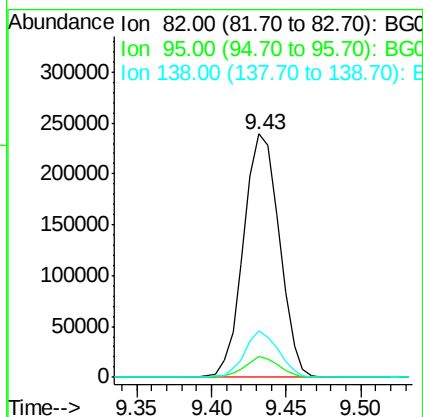
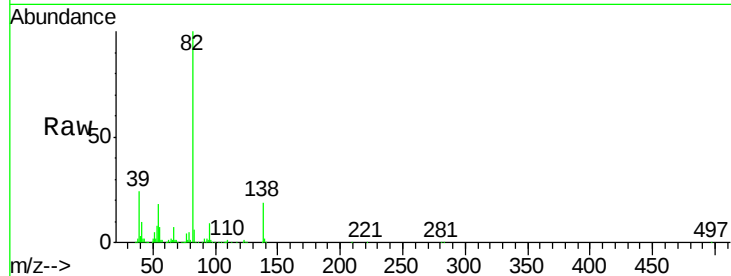




#25
Isophorone
Concen: 48.13 ng
RT: 9.43 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BG017123.D
Acq: 14 May 2015 00:59

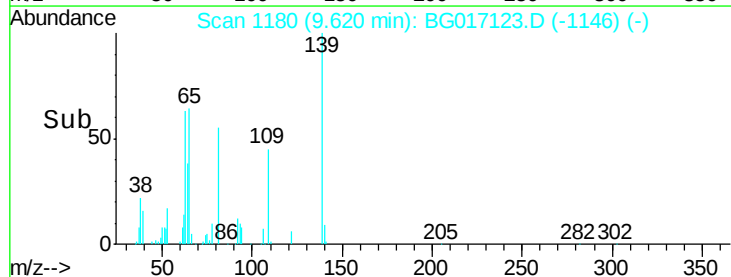
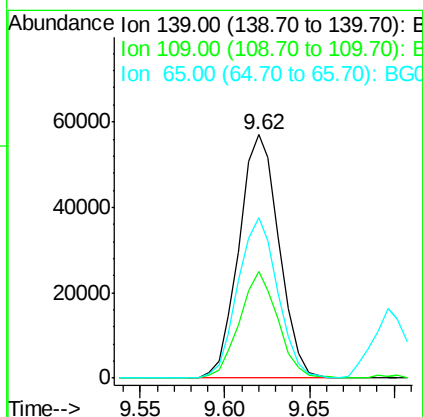
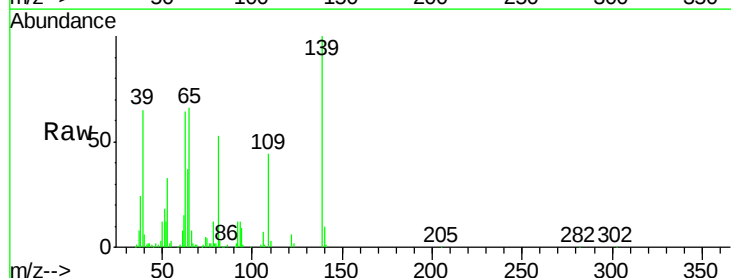
Instrument :
BNA_G
ClientSampleId :
TU012-SB-22-9.0MS

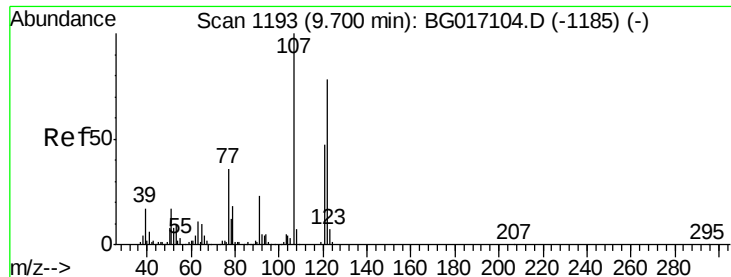
Tgt Ion: 82 Resp: 396882
Ion Ratio Lower Upper
82 100
95 8.6 7.7 11.5
138 18.9 15.0 22.6



#26
2-Nitrophenol
Concen: 47.86 ng
RT: 9.62 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BG017123.D
Acq: 14 May 2015 00:59

Tgt Ion: 139 Resp: 93666
Ion Ratio Lower Upper
139 100
109 43.8 34.9 52.3
65 65.9 43.0 64.4#

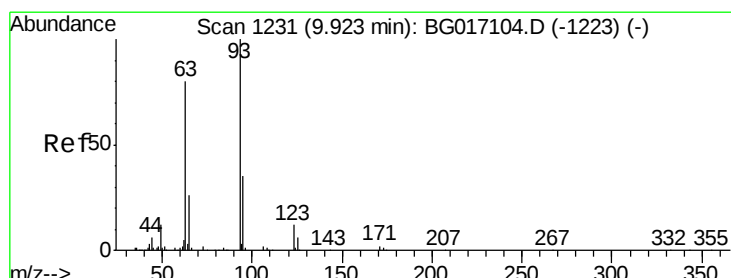
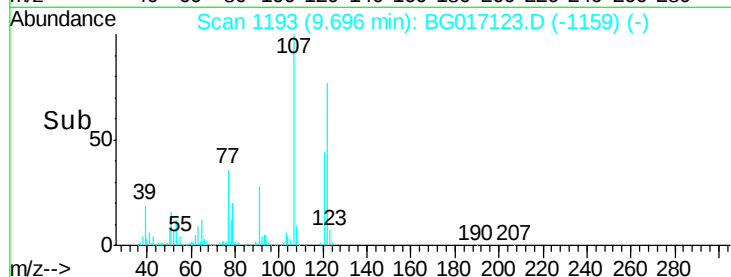
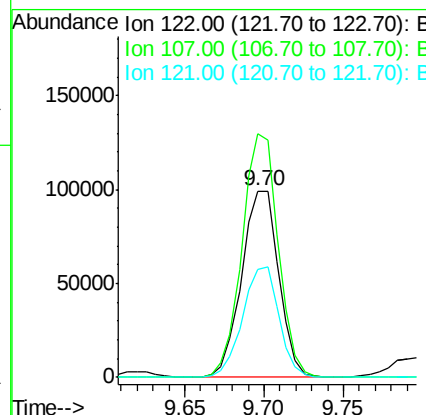
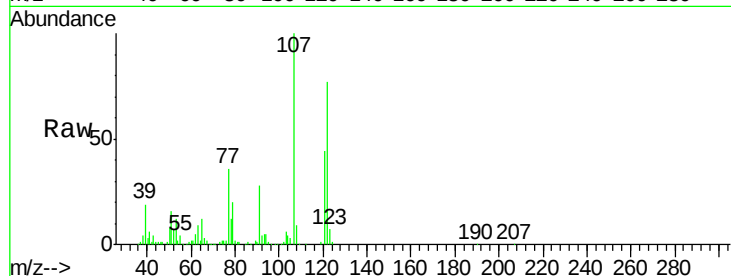




#27
 2,4-Dimethylphenol
 Concen: 50.25 ng
 RT: 9.70 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BG017123.D
 Acq: 14 May 2015 00:59

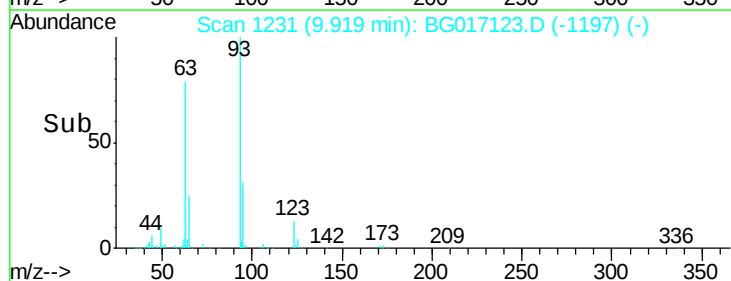
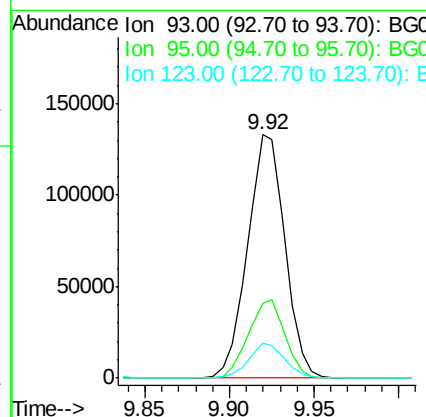
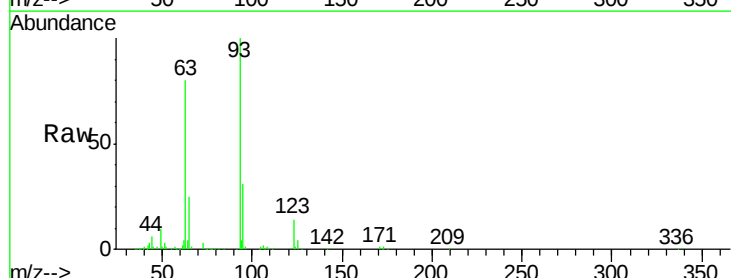
Instrument :
 BNA_G
 ClientSampleId :
 TU012-SB-22-9.0MS

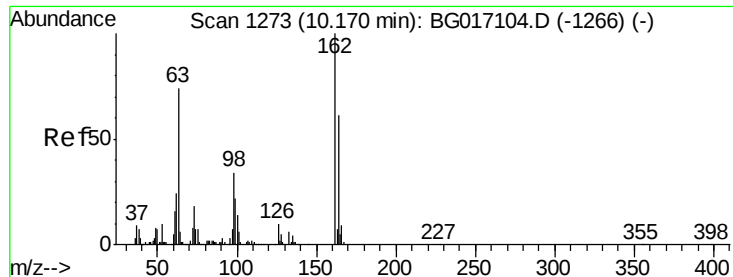
Tgt Ion	Ratio	Lower	Upper
122	100		
107	130.5	102.3	153.5
121	58.0	48.7	73.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.86 ng
 RT: 9.92 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BG017123.D
 Acq: 14 May 2015 00:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.5	28.0	42.0
123	14.2	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 53.89 ng

RT: 10.17 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

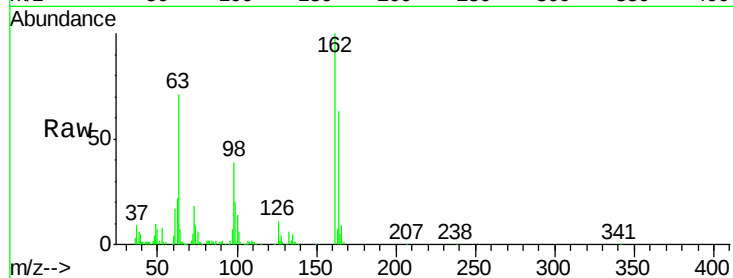
Instrument :

BNA_G

ClientSampleId :

TU012-SB-22-9.0MS

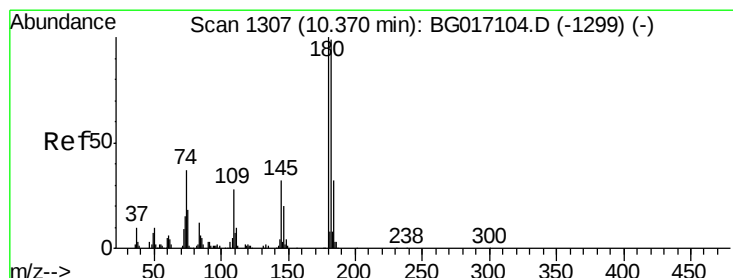
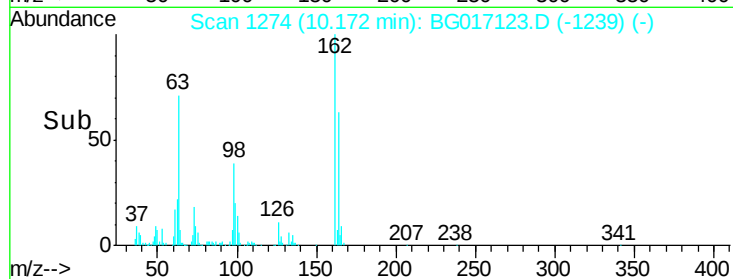
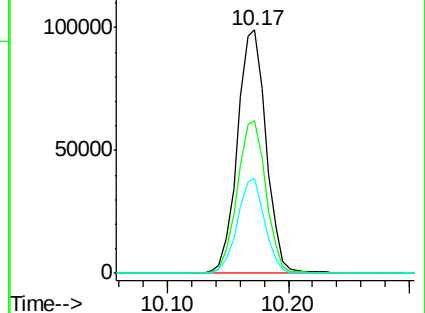
Tgt Ion:	162	Resp:	163742
Ion	Ratio	Lower	Upper
162	100		
164	62.5	41.4	81.4
98	38.9	14.3	54.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 44.26 ng

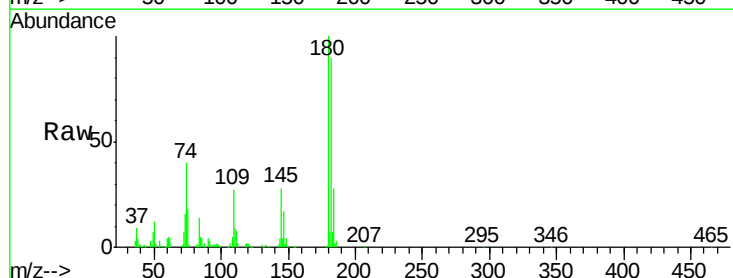
RT: 10.37 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

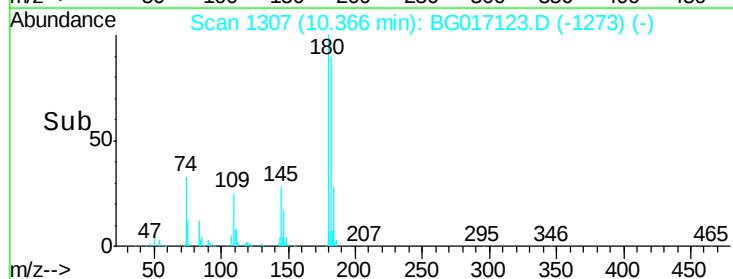
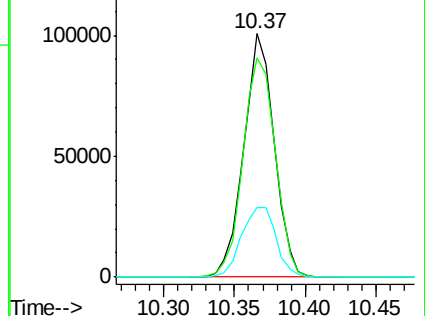
Tgt Ion:	180	Resp:	152549
Ion	Ratio	Lower	Upper
180	100		
182	89.8	79.4	119.0
145	28.4	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

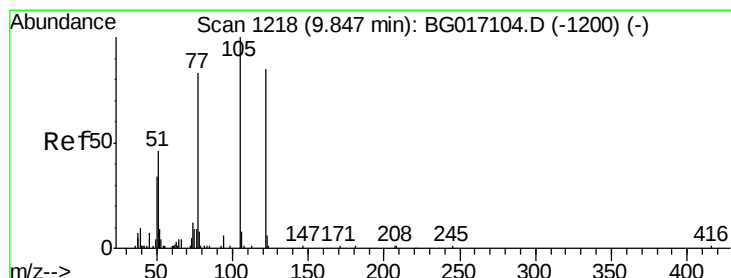
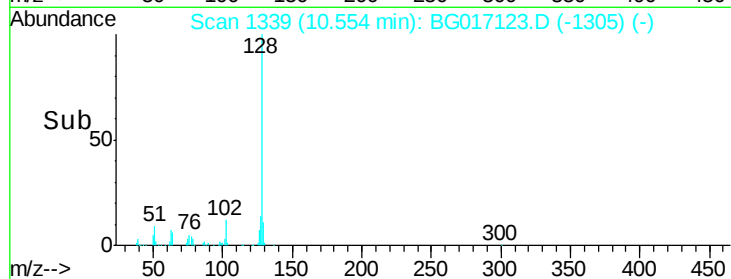
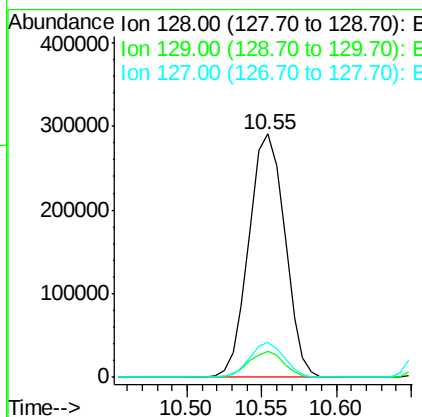
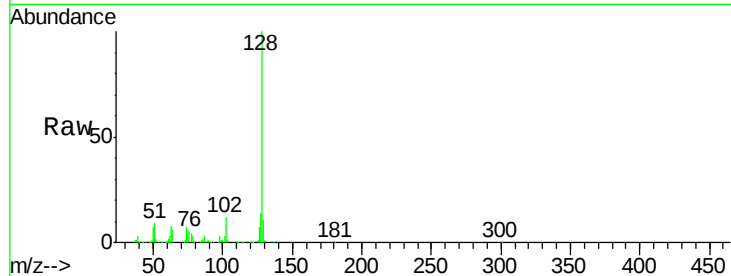




#31
Naphthalene
Concen: 47.53 ng
RT: 10.55 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG017123.D
Acq: 14 May 2015 00:59

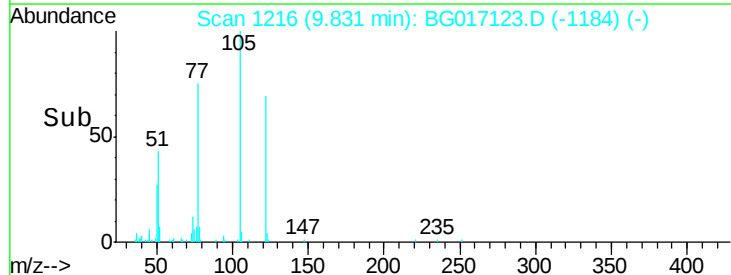
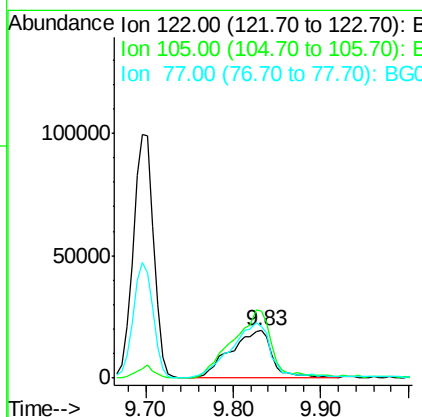
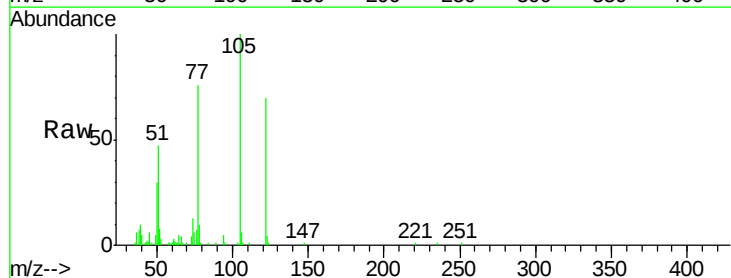
Instrument :
BNA_G
ClientSampleId :
TU012-SB-22-9.0MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	7.6	11.4
127	14.2	10.6	16.0



#32
Benzoic acid
Concen: 29.47 ng
RT: 9.83 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BG017123.D
Acq: 14 May 2015 00:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	142.1	96.7	136.7#
77	108.2	78.5	118.5

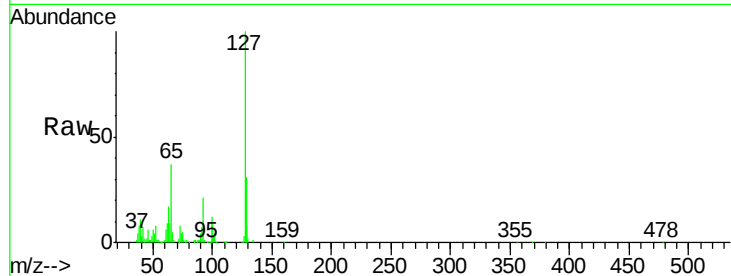




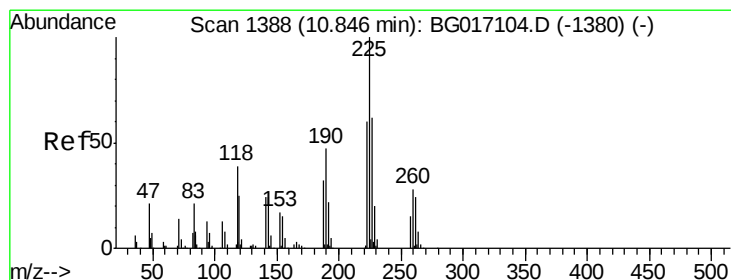
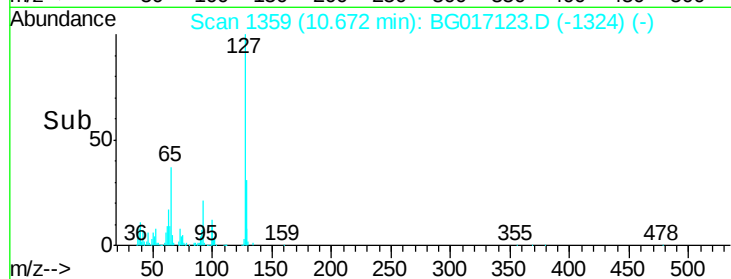
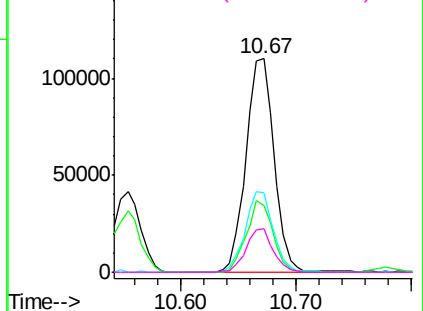
#33
4-Chloroaniline
Concen: 38.73 ng
RT: 10.67 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG017123.D
Acq: 14 May 2015 00:59

Instrument :
BNA_G
ClientSampleId :
TU012-SB-22-9.0MS

Tgt Ion:	127	Resp:	187243
Ion	Ratio	Lower	Upper
127	100		
129	31.4	24.8	37.2
65	36.9	25.8	38.6
92	20.7	15.0	22.4

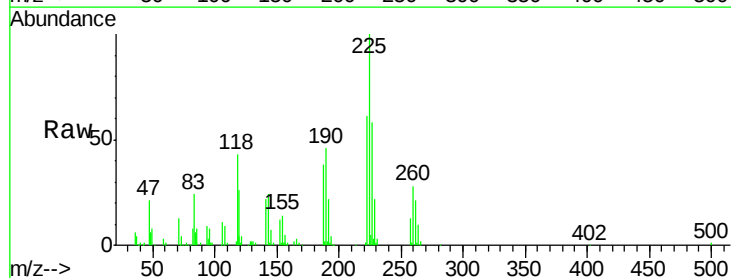


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

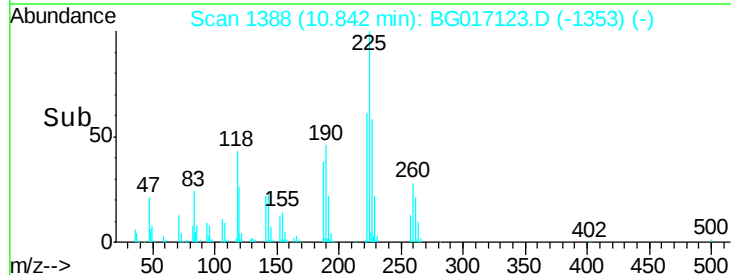
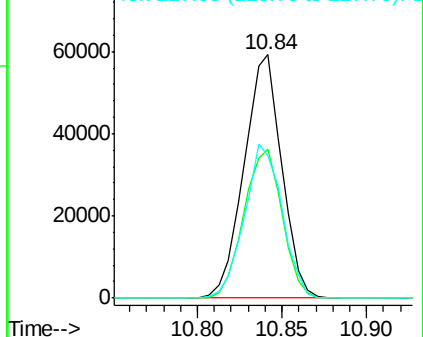


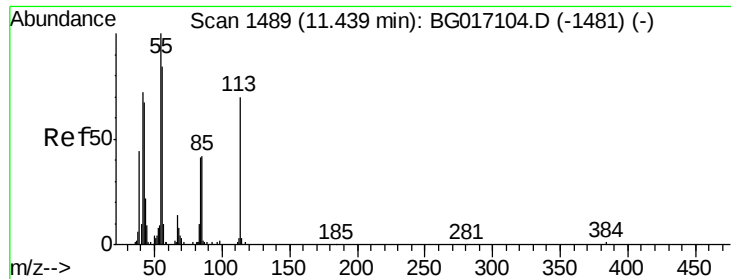
#34
Hexachlorobutadiene
Concen: 42.07 ng
RT: 10.84 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BG017123.D
Acq: 14 May 2015 00:59

Tgt Ion:	225	Resp:	91823
Ion	Ratio	Lower	Upper
225	100		
223	61.1	48.3	72.5
227	58.4	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

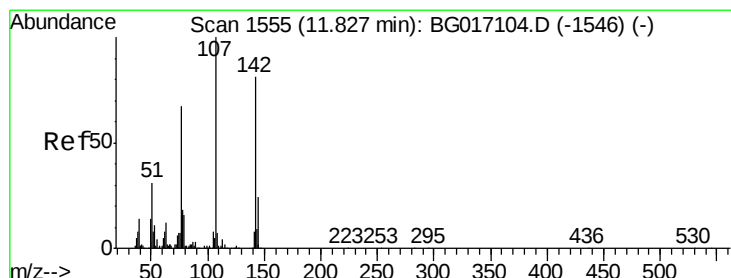
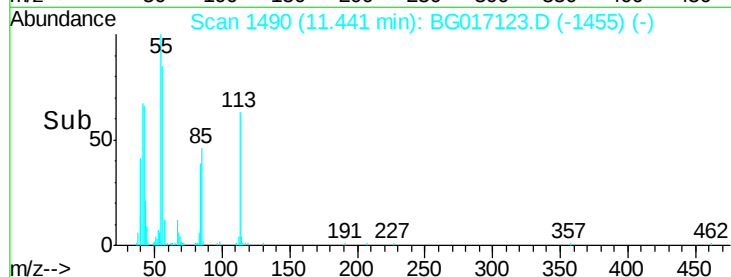
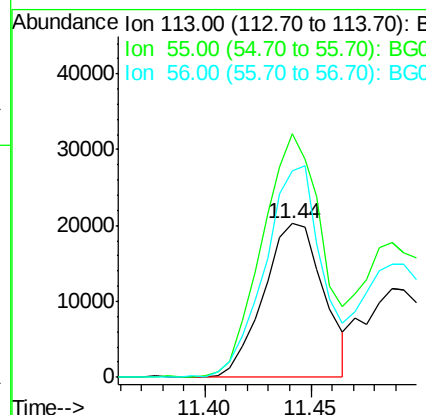
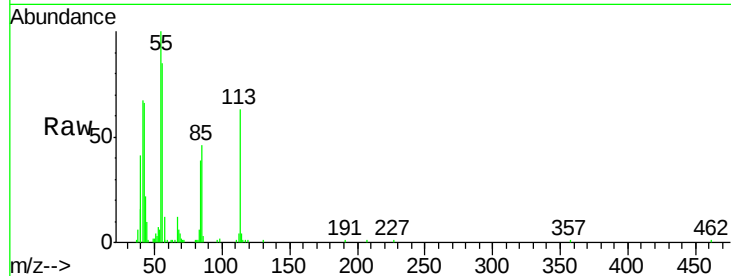




#35
 Caprolactam
 Concen: 26.20 ng
 RT: 11.44 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BG017123.D
 Acq: 14 May 2015 00:59

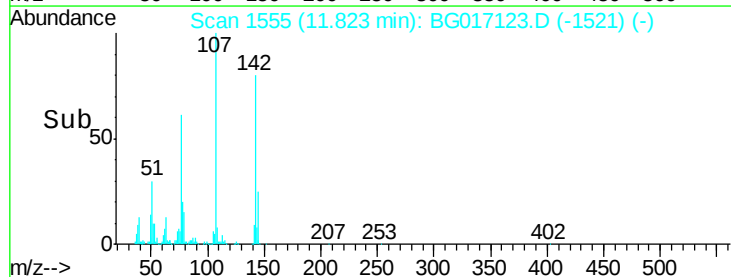
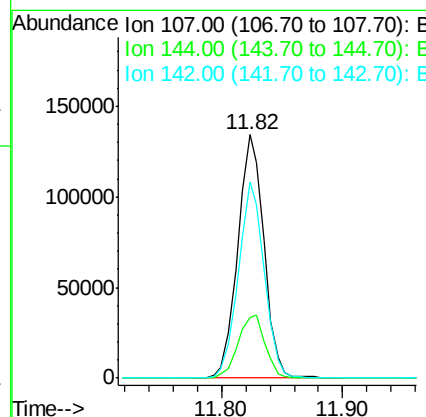
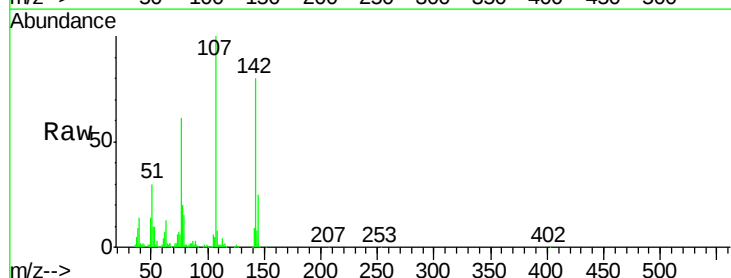
Instrument :
 BNA_G
 ClientSampleId :
 TU012-SB-22-9.0MS

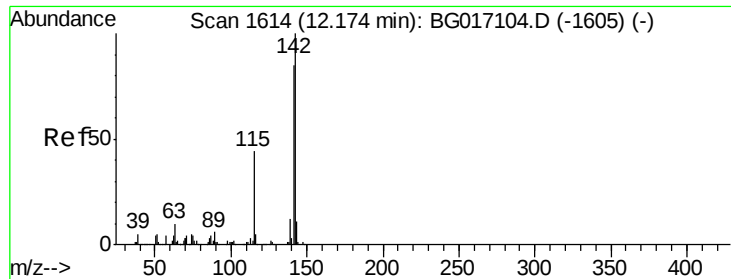
Tgt Ion:113 Resp: 40028
 Ion Ratio Lower Upper
 113 100
 55 158.3 124.1 164.1
 56 134.2 100.3 140.3



#36
 4-Chloro-3-methylphenol
 Concen: 52.75 ng
 RT: 11.82 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BG017123.D
 Acq: 14 May 2015 00:59

Tgt Ion:107 Resp: 202528
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.6 29.4
 142 80.4 64.9 97.3

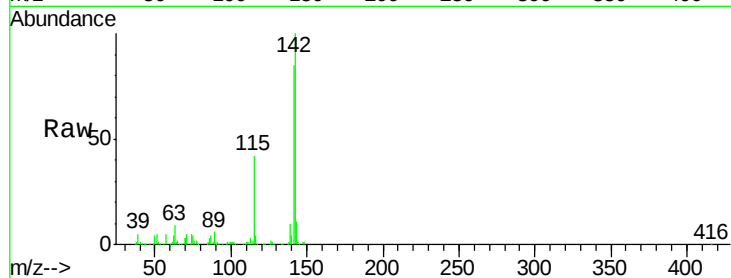




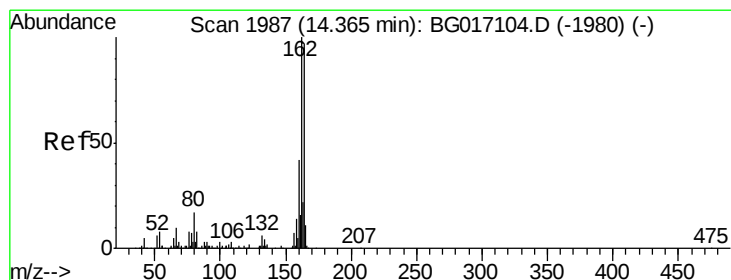
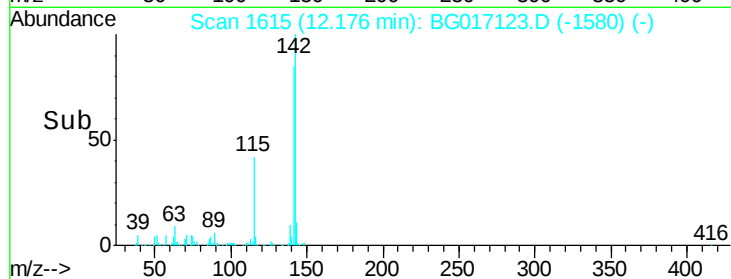
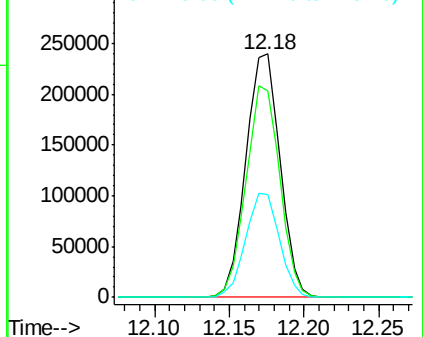
#37
 2-Methylnaphthalene
 Concen: 46.79 ng
 RT: 12.18 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BG017123.D
 Acq: 14 May 2015 00:59

Instrument :
 BNA_G
 ClientSampleId :
 TU012-SB-22-9.0MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.8	68.2	102.2
115	42.2	35.6	53.4

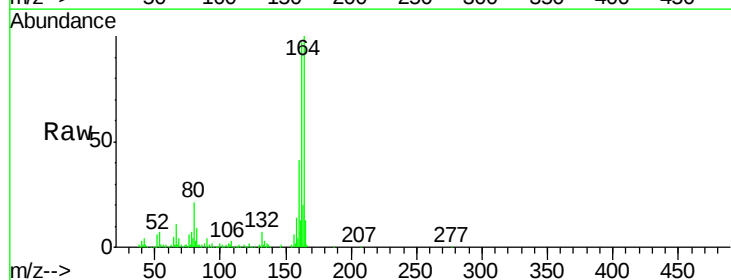


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

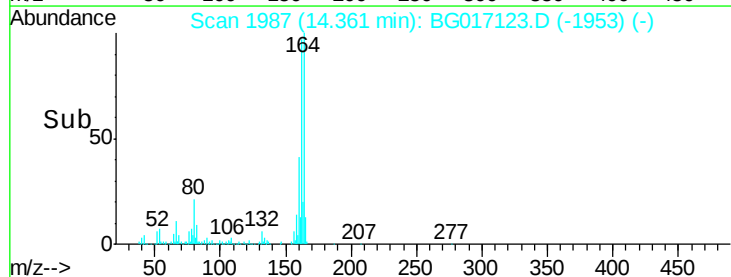
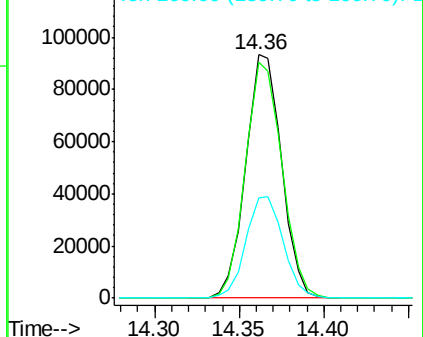


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG017123.D
 Acq: 14 May 2015 00:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.0	82.1	123.1
160	41.4	34.8	52.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.34 ng

RT: 12.55 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

Instrument :

BNA_G

ClientSampleId :

TU012-SB-22-9.0MS

Tgt Ion:216 Resp: 176447

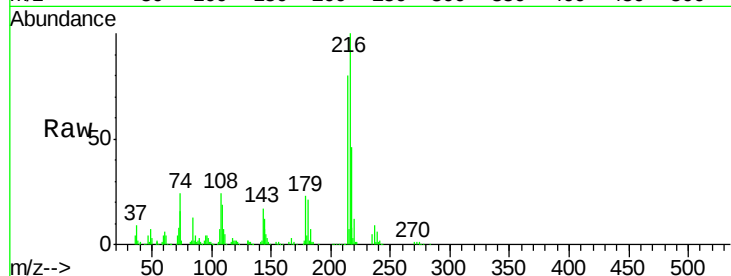
Ion Ratio Lower Upper

216 100

214 80.2 63.3 94.9

179 21.7 17.8 26.8

108 27.0 19.9 29.9

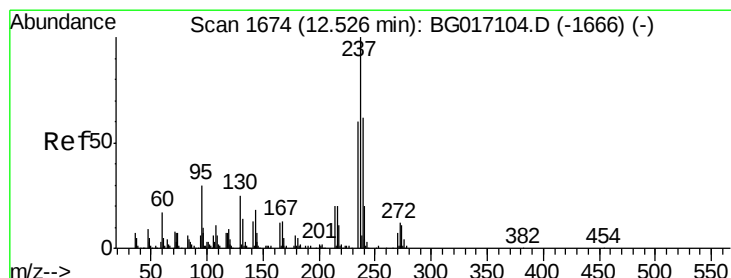
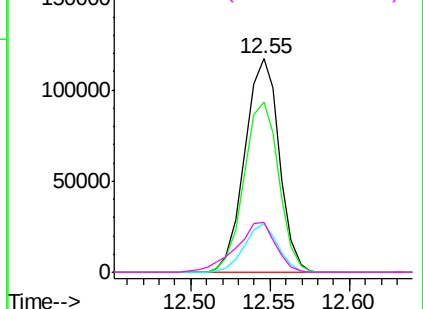
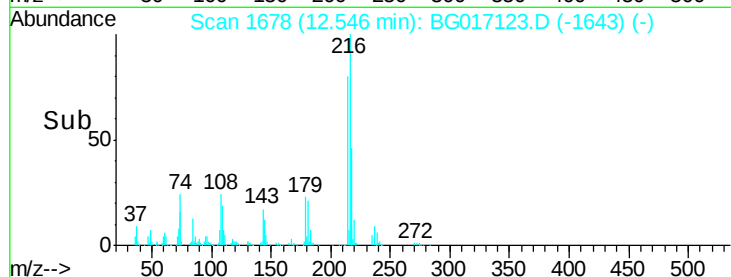


Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.42 ng

RT: 12.52 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

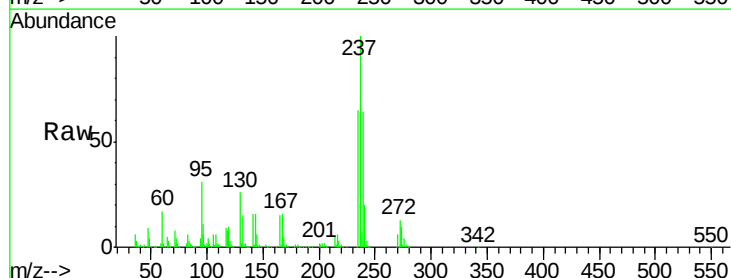
Tgt Ion:237 Resp: 217022

Ion Ratio Lower Upper

237 100

235 65.2 39.7 79.7

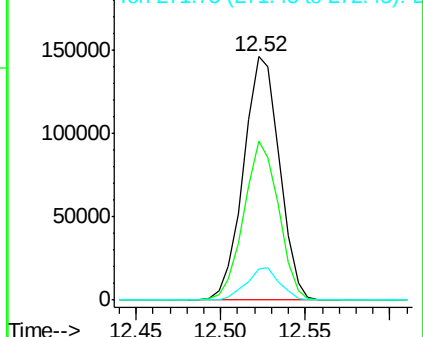
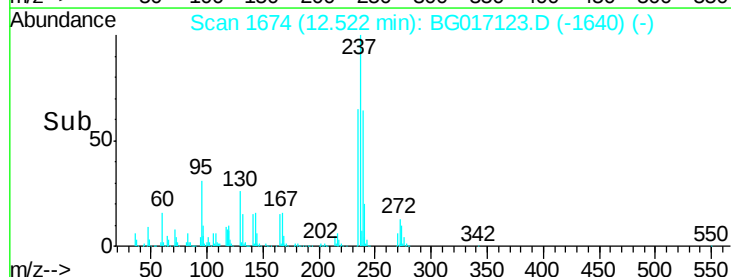
272 13.0 0.0 32.1



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

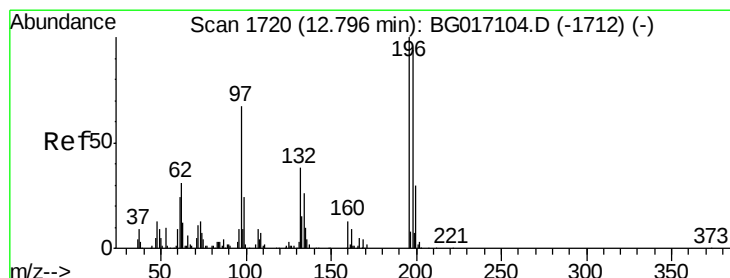
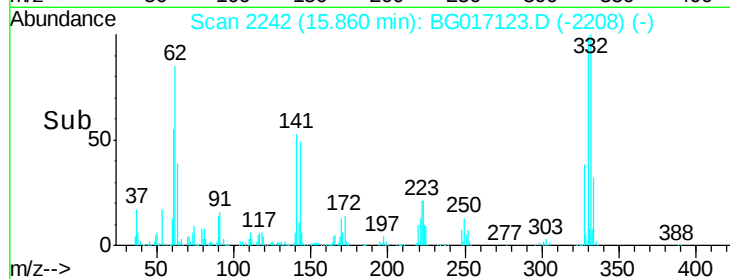
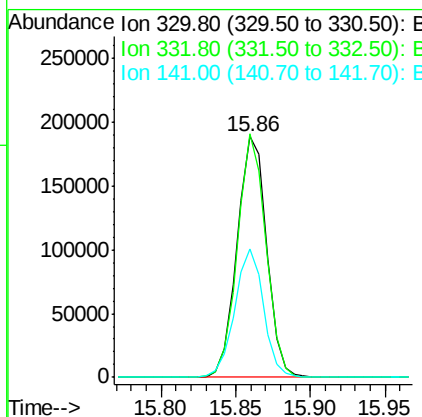
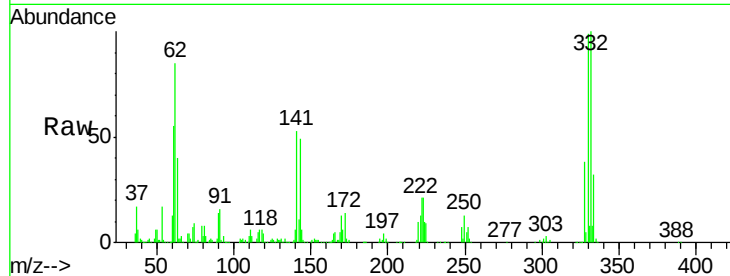




#41
 2,4,6-Tribromophenol
 Concen: 156.57 ng
 RT: 15.86 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BG017123.D
 Acq: 14 May 2015 00:59

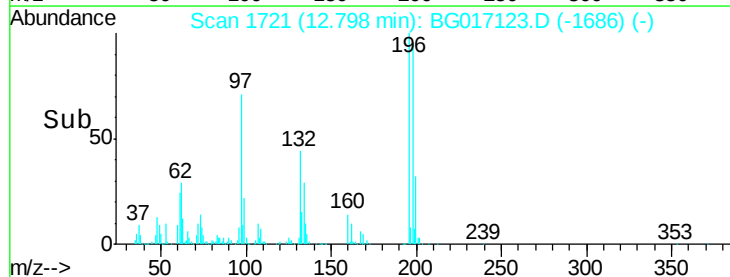
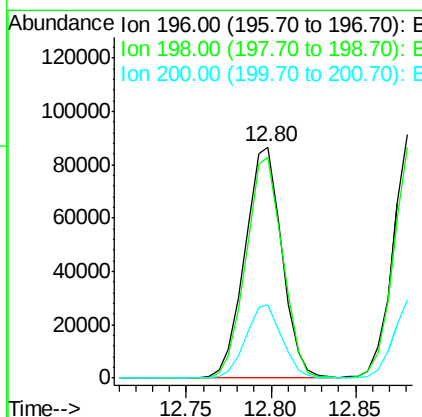
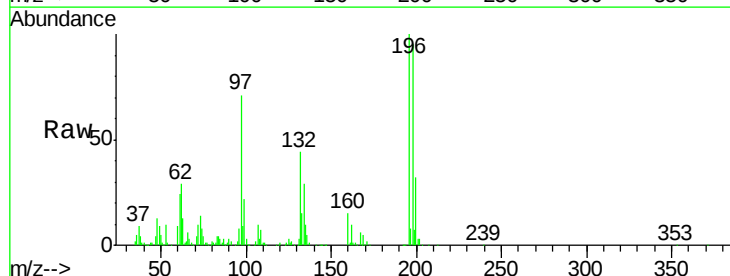
Instrument :
 BNA_G
 ClientSampleId :
 TU012-SB-22-9.0MS

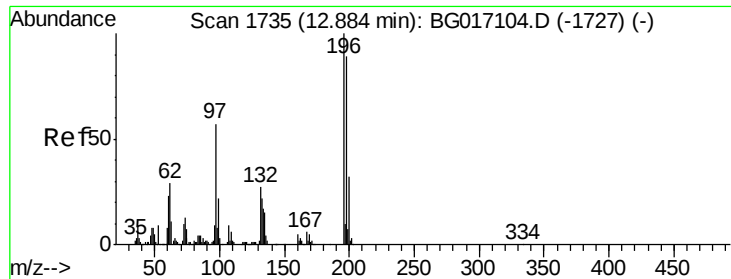
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	52.2	42.2	63.2



#42
 2,4,6-Trichlorophenol
 Concen: 47.95 ng
 RT: 12.80 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BG017123.D
 Acq: 14 May 2015 00:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	74.9	112.3
200	32.0	24.2	36.2

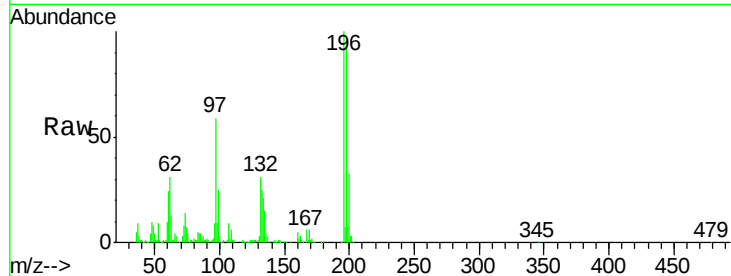




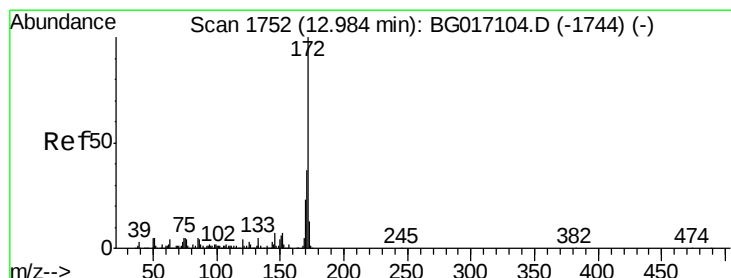
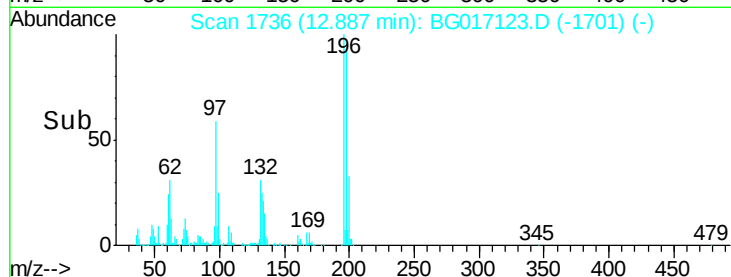
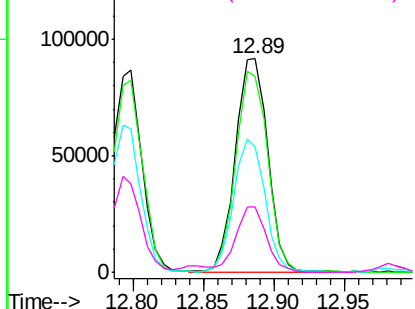
#43
 2,4,5-Trichlorophenol
 Concen: 51.50 ng
 RT: 12.89 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG017123.D
 Acq: 14 May 2015 00:59

Instrument :
 BNA_G
 ClientSampleId :
 TU012-SB-22-9.0MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.9	71.4	107.0
97	58.6	45.4	68.0
132	30.7	22.5	33.7

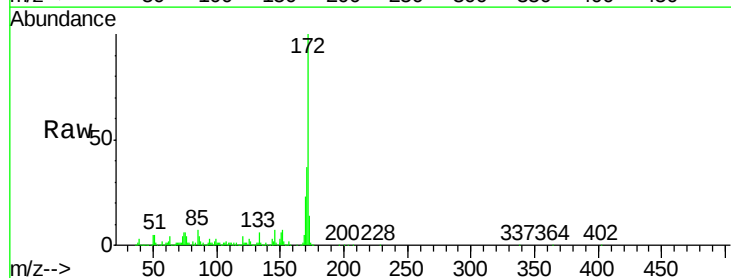


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

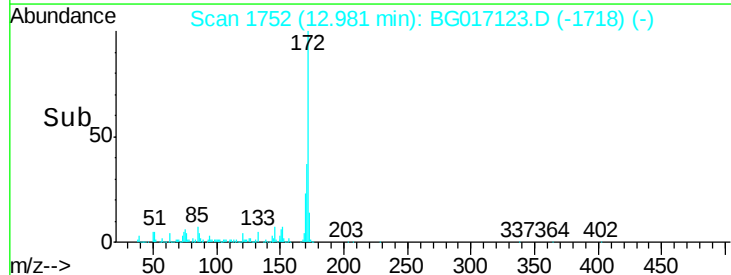
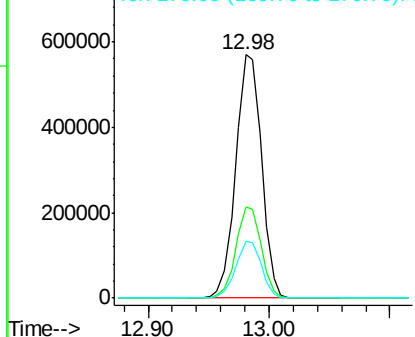


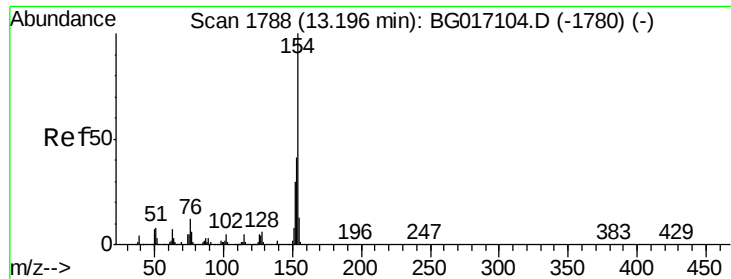
#44
 2-Fluorobiphenyl
 Concen: 90.61 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017123.D
 Acq: 14 May 2015 00:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	23.4	18.4	27.6



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

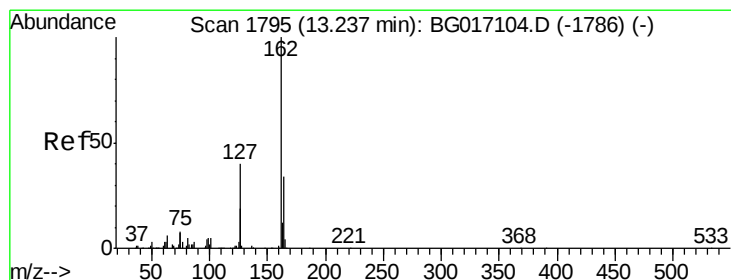
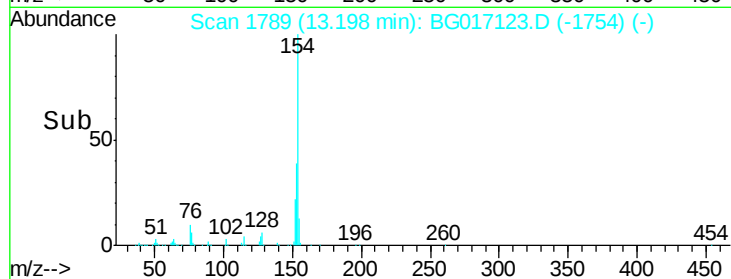
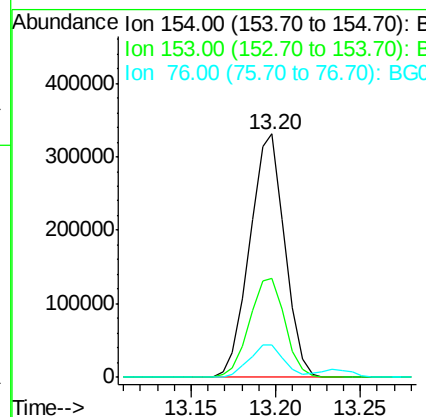
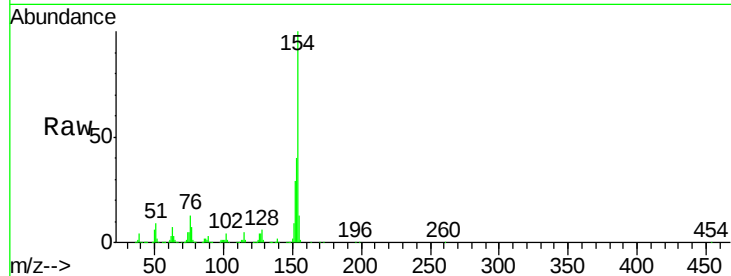




#45
 1,1'-Biphenyl
 Concen: 48.03 ng
 RT: 13.20 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: BG017123.D
 Acq: 14 May 2015 00:59

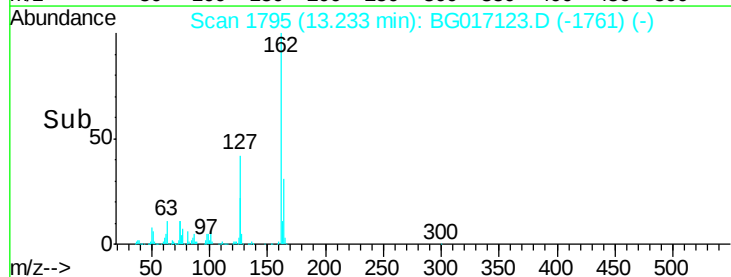
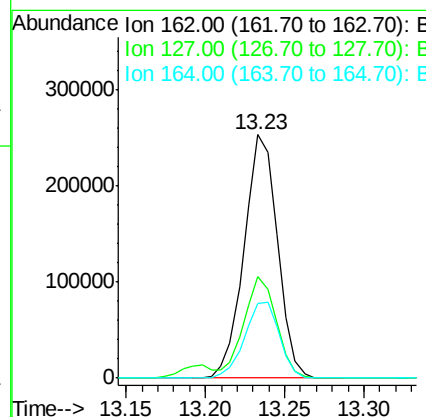
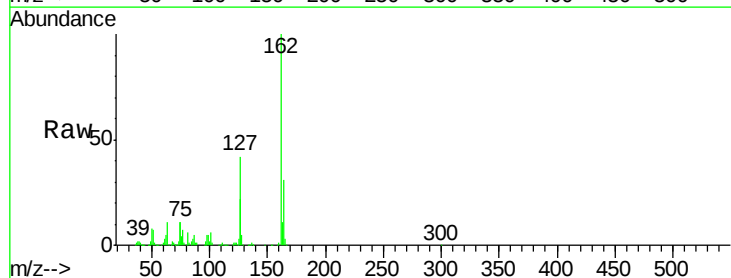
Instrument :
 BNA_G
 ClientSampleId :
 TU012-SB-22-9.0MS

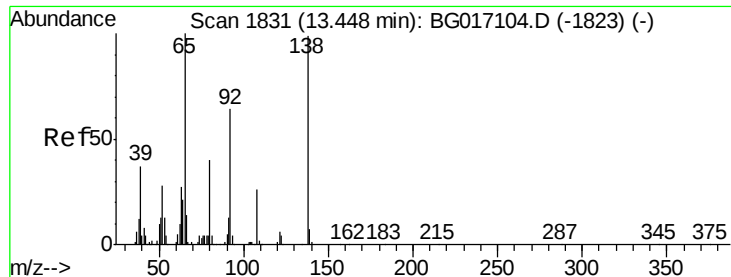
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.5	61.5
76	13.4	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 47.15 ng
 RT: 13.23 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BG017123.D
 Acq: 14 May 2015 00:59

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.5	50.3
164	30.7	27.0	40.6

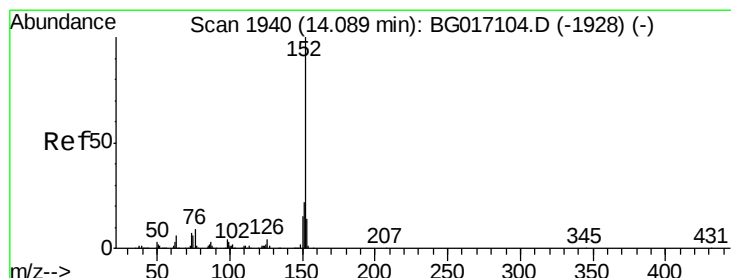
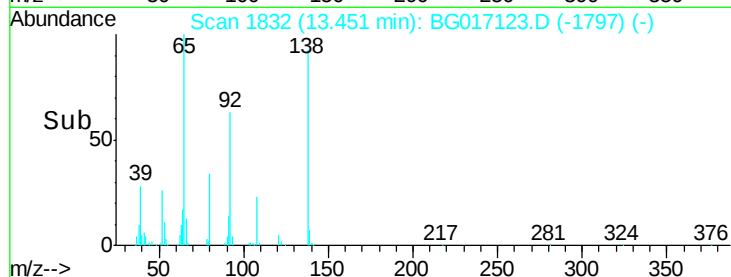
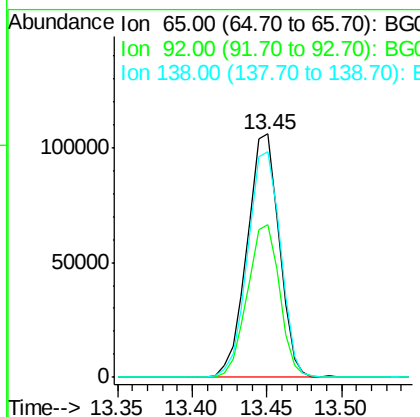
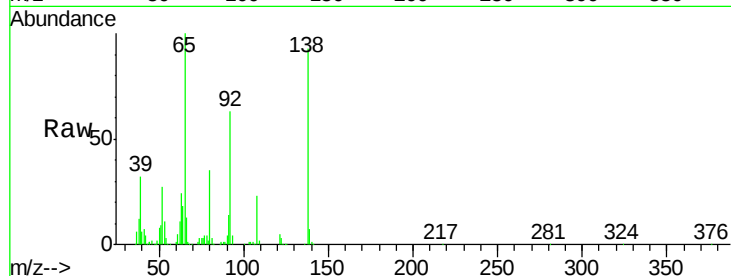




#47
2-Nitroaniline
Concen: 51.63 ng
RT: 13.45 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BG017123.D
Acq: 14 May 2015 00:59

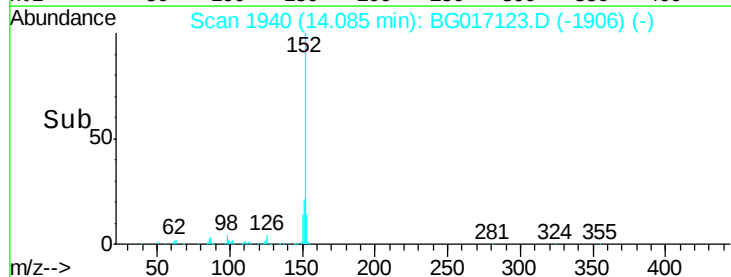
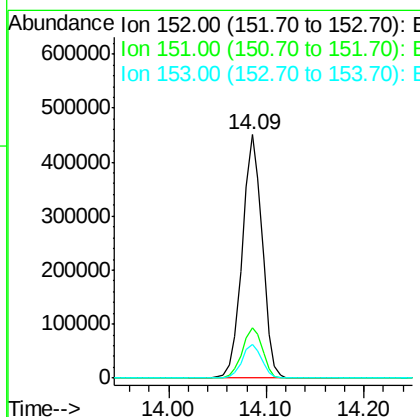
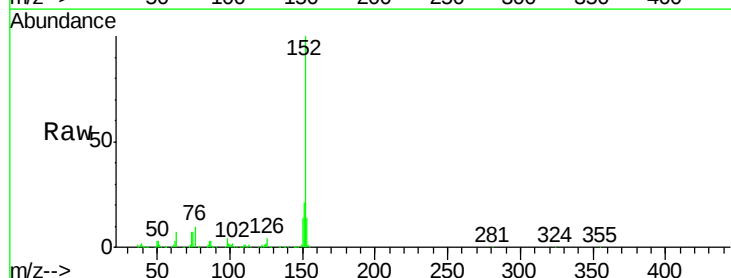
Instrument :
BNA_G
ClientSampleId :
TU012-SB-22-9.0MS

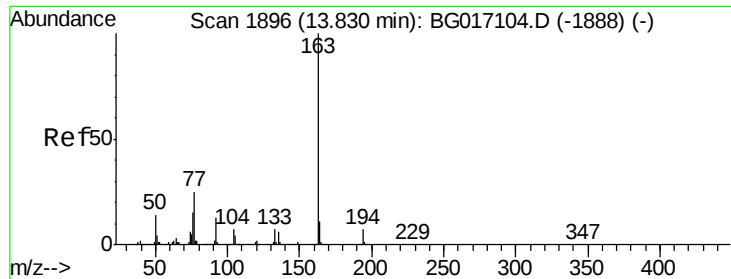
Tgt Ion: 65 Resp: 157577
Ion Ratio Lower Upper
65 100
92 62.8 51.0 76.4
138 92.7 79.3 118.9



#48
Acenaphthylene
Concen: 47.55 ng
RT: 14.09 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG017123.D
Acq: 14 May 2015 00:59

Tgt Ion: 152 Resp: 638921
Ion Ratio Lower Upper
152 100
151 20.5 17.2 25.8
153 14.1 10.8 16.2





#49

Dimethylphthalate

Concen: 55.23 ng

RT: 13.83 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

Instrument :

BNA_G

ClientSampleId :

TU012-SB-22-9.0MS

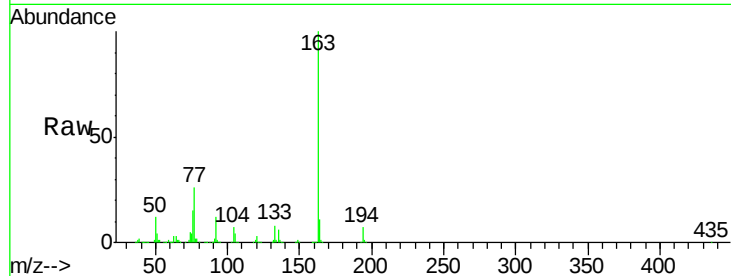
Tgt Ion:163 Resp: 594075

Ion Ratio Lower Upper

163 100

194 6.6 5.6 8.4

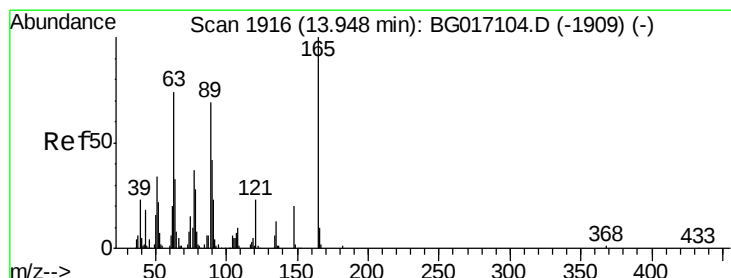
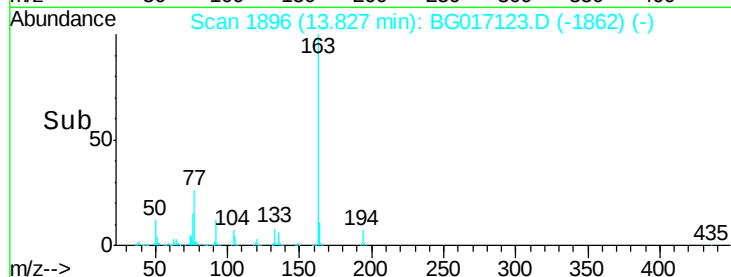
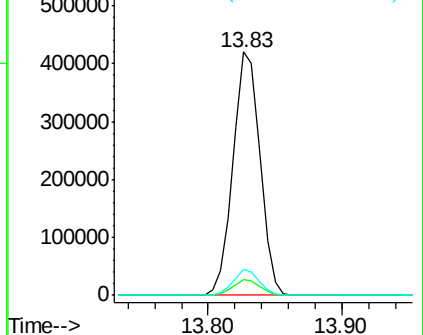
164 10.8 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 50.57 ng

RT: 13.95 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

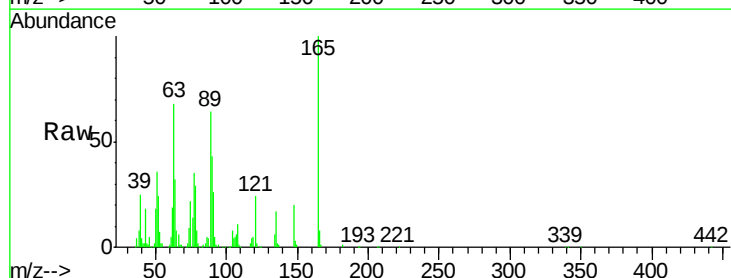
Tgt Ion:165 Resp: 120526

Ion Ratio Lower Upper

165 100

63 68.5 60.6 90.8

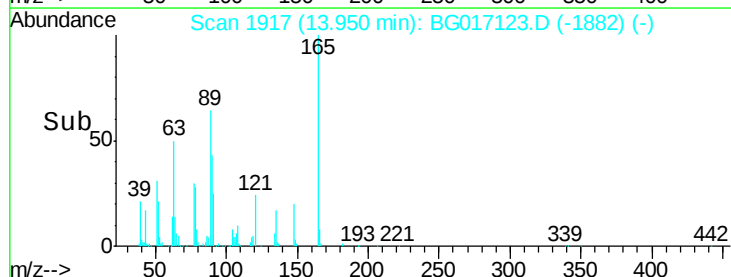
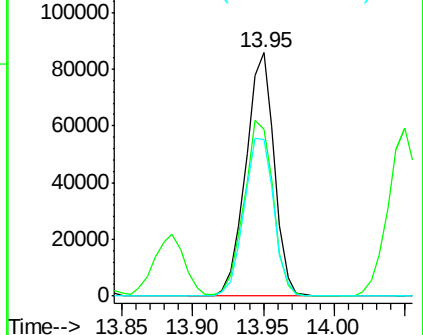
89 64.3 55.0 82.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 47.70 ng

RT: 14.43 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

Instrument :

BNA_G

ClientSampleId :

TU012-SB-22-9.0MS

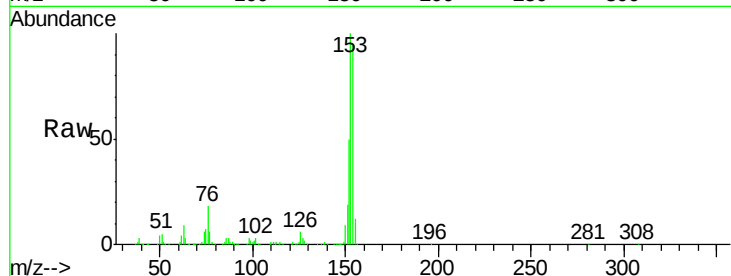
Tgt Ion:154 Resp: 378583

Ion Ratio Lower Upper

154 100

153 106.9 86.2 129.4

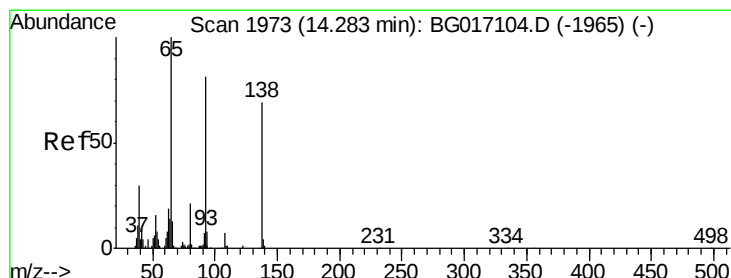
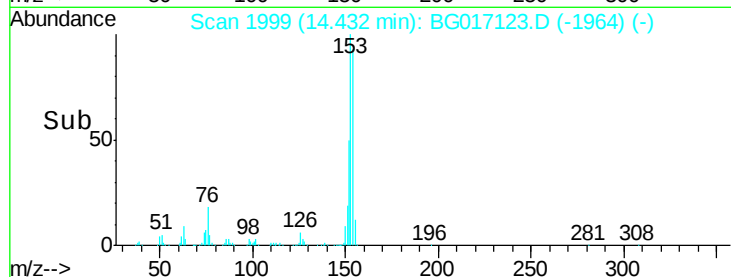
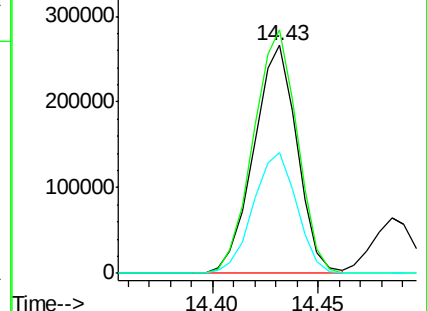
152 53.2 41.5 62.3



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: 44.52 ng

RT: 14.28 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

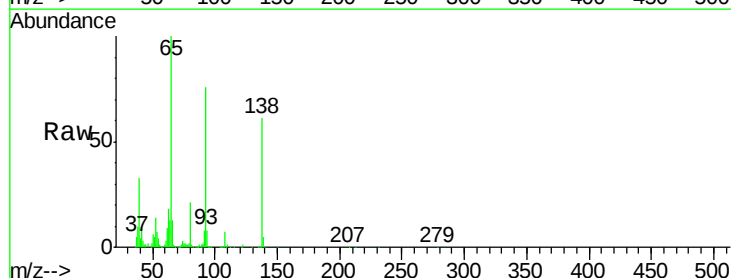
Tgt Ion:138 Resp: 117719

Ion Ratio Lower Upper

138 100

108 12.1 7.6 11.4#

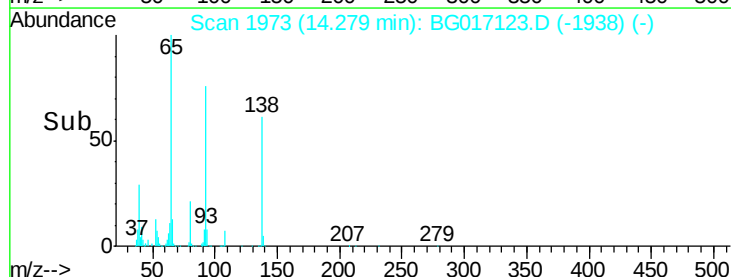
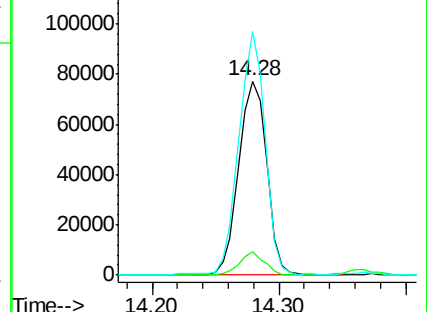
92 125.7 93.6 140.4

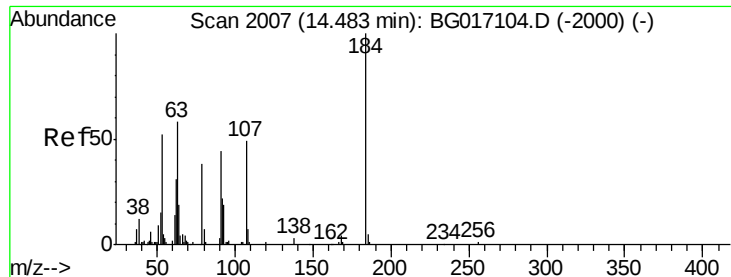


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO





#53

2,4-Dinitrophenol

Concen: 106.64 ng

RT: 14.48 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

Instrument :

BNA_G

ClientSampleId :

TU012-SB-22-9.0MS

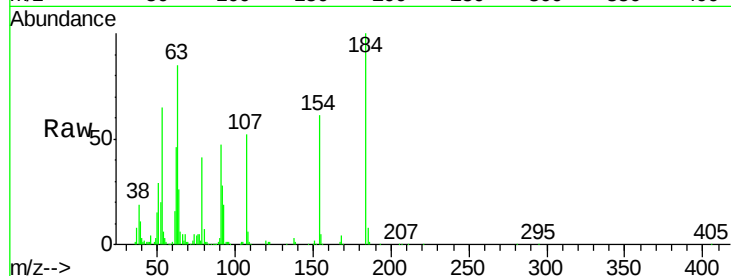
Tgt Ion:184 Resp: 147566

Ion Ratio Lower Upper

184 100

63 85.4 63.6 95.4

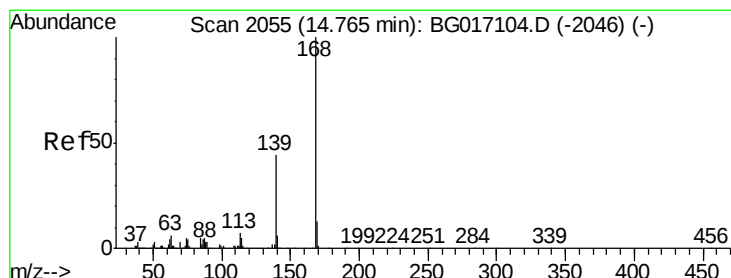
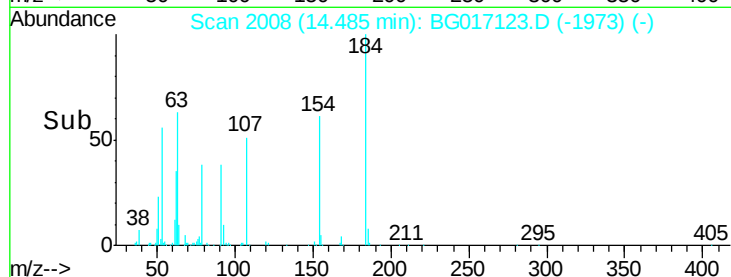
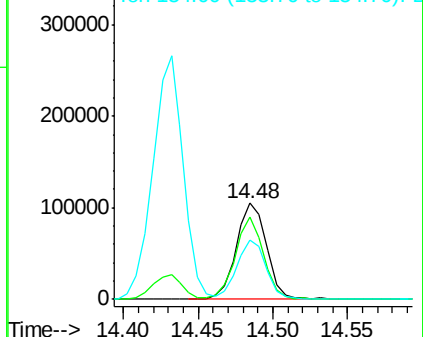
154 61.1 47.8 71.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG017123.D (-1973) (-)

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 49.38 ng

RT: 14.77 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

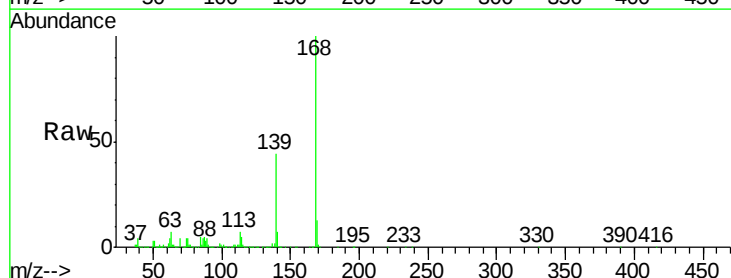
Tgt Ion:168 Resp: 582578

Ion Ratio Lower Upper

168 100

139 44.1 34.9 52.3

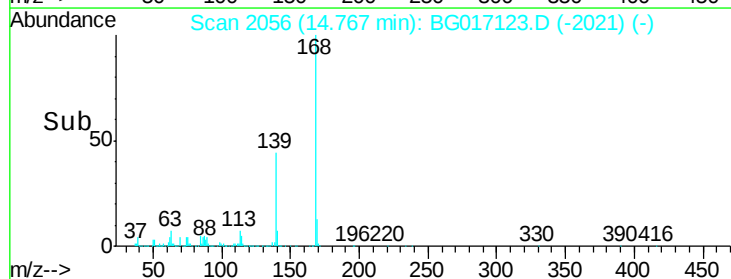
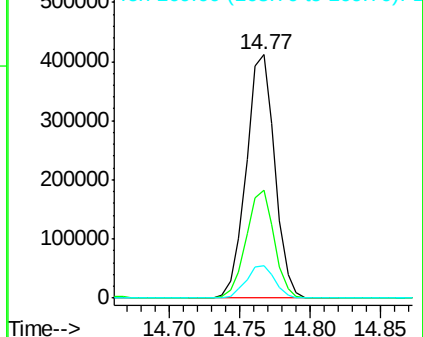
169 13.2 10.5 15.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

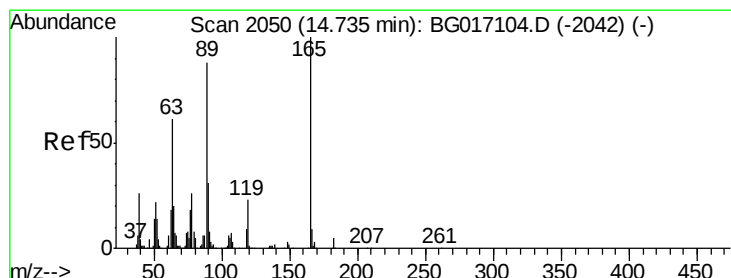
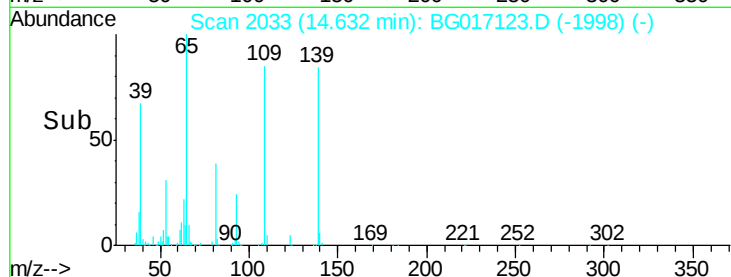
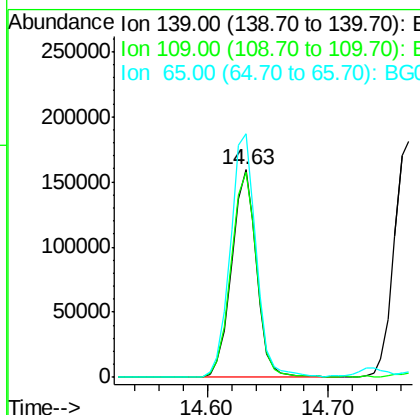
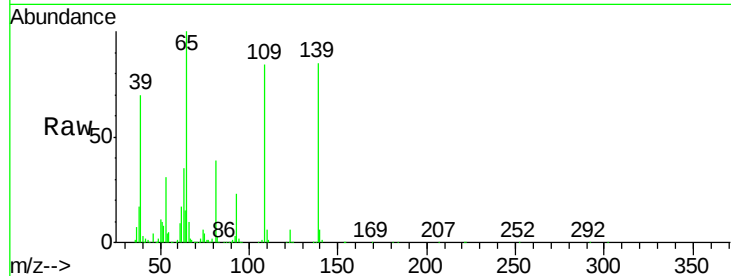




#55
4-Nitrophenol
Concen: 107.28 ng
RT: 14.63 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG017123.D
Acq: 14 May 2015 00:59

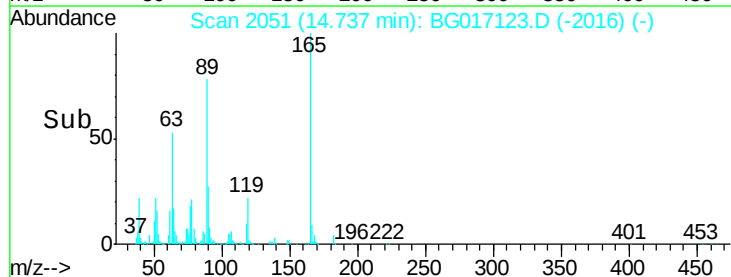
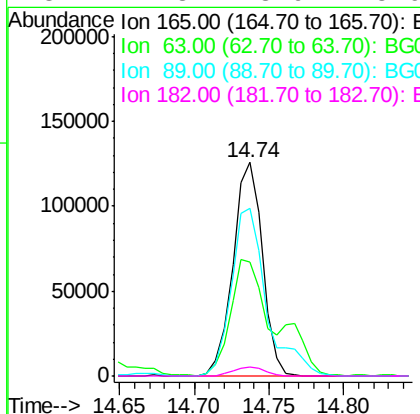
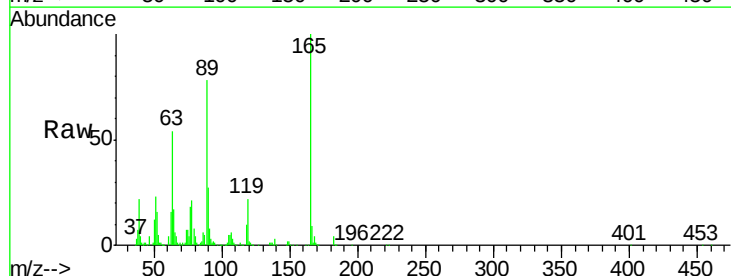
Instrument :
BNA_G
ClientSampleId :
TU012-SB-22-9.0MS

Tgt Ion:139 Resp: 228438
Ion Ratio Lower Upper
139 100
109 99.0 90.5 130.5
65 117.5 99.9 139.9



#56
2,4-Dinitrotoluene
Concen: 52.11 ng
RT: 14.74 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BG017123.D
Acq: 14 May 2015 00:59

Tgt Ion:165 Resp: 173230
Ion Ratio Lower Upper
165 100
63 53.5 49.0 73.4
89 78.4 70.1 105.1
182 4.3 3.9 5.9





#57

Fluorene

Concen: 47.79 ng

RT: 15.41 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

Instrument :

BNA_G

ClientSampleId :

TU012-SB-22-9.0MS

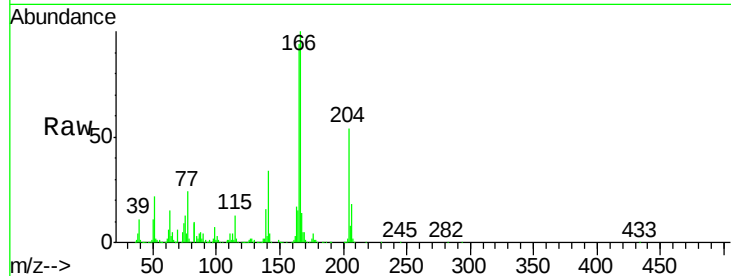
Tgt Ion:166 Resp: 499105

Ion Ratio Lower Upper

166 100

165 94.0 74.2 111.4

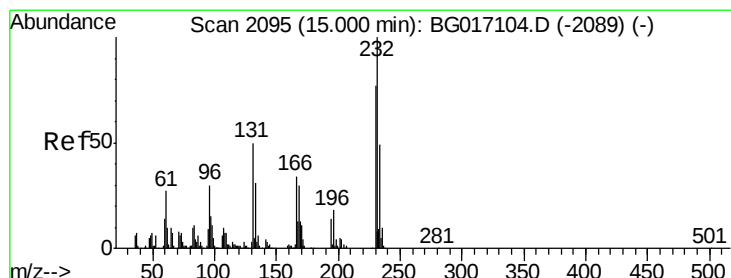
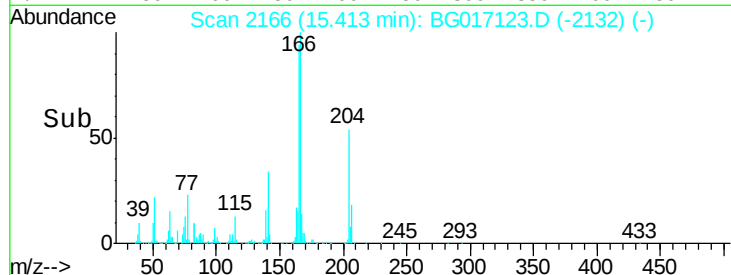
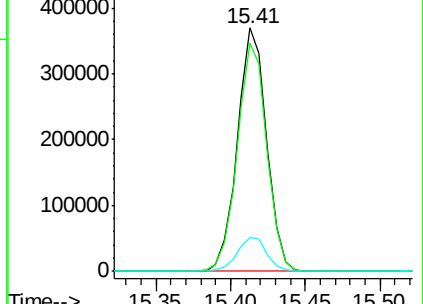
167 13.8 9.8 14.8



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: 51.38 ng

RT: 15.00 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

Tgt Ion:232 Resp: 134115

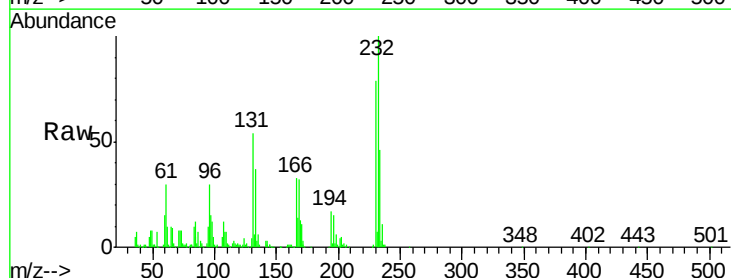
Ion Ratio Lower Upper

232 100

131 55.2 42.7 64.1

130 3.9 3.0 4.4

166 33.5 25.7 38.5

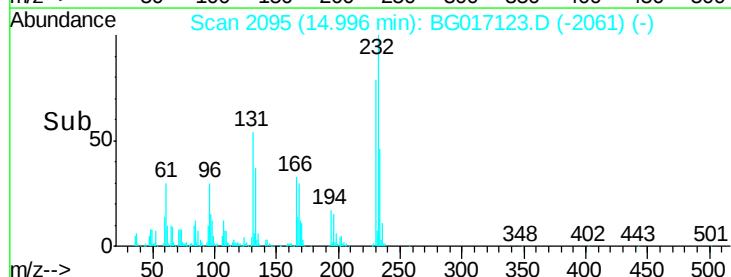
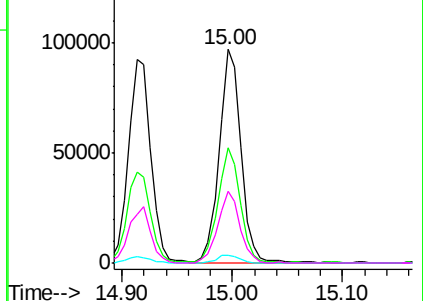


Abundance Ion 232.00 (231.70 to 232.70): E

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: 48.23 ng

RT: 15.20 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

Instrument :

BNA_G

ClientSampleId :

TU012-SB-22-9.0MS

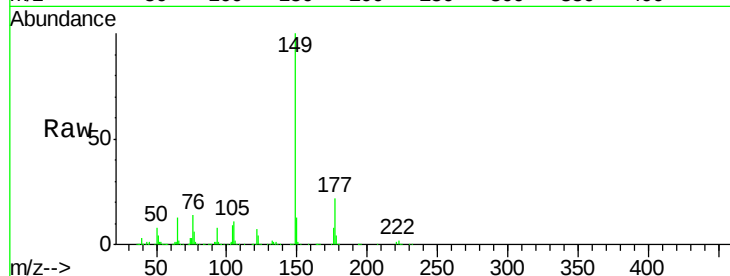
Tgt Ion:149 Resp: 557225

Ion Ratio Lower Upper

149 100

177 21.6 18.3 27.5

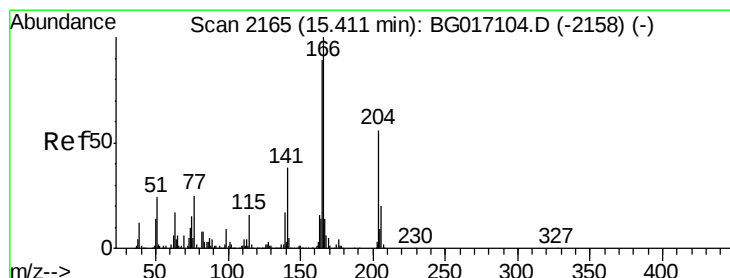
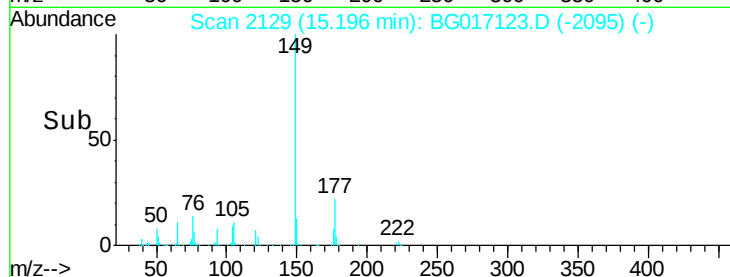
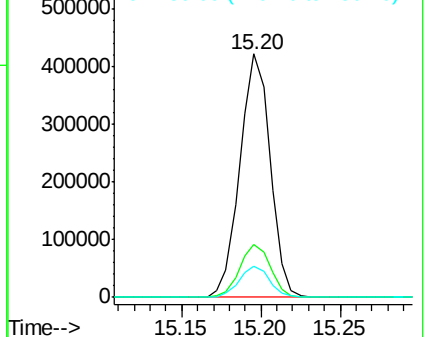
150 12.6 10.4 15.6



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: 48.04 ng

RT: 15.41 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

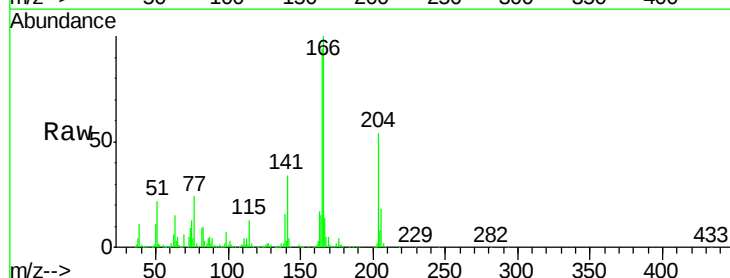
Tgt Ion:204 Resp: 257684

Ion Ratio Lower Upper

204 100

206 33.5 28.6 42.8

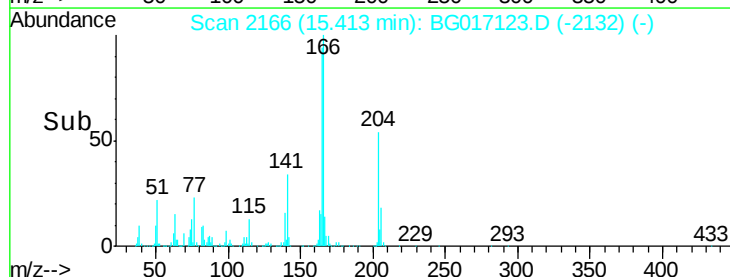
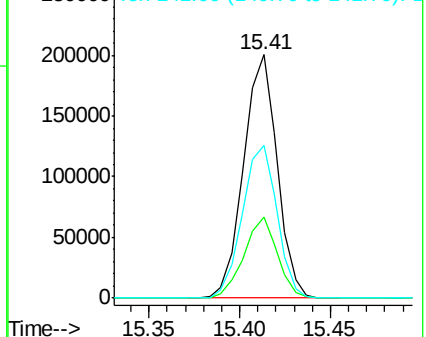
141 62.6 54.2 81.2

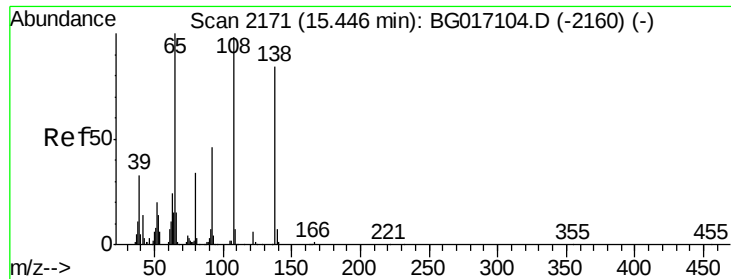


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

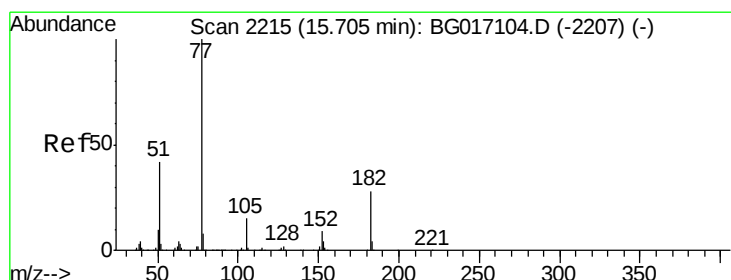
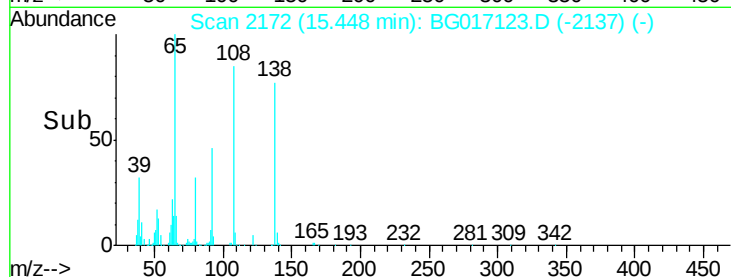
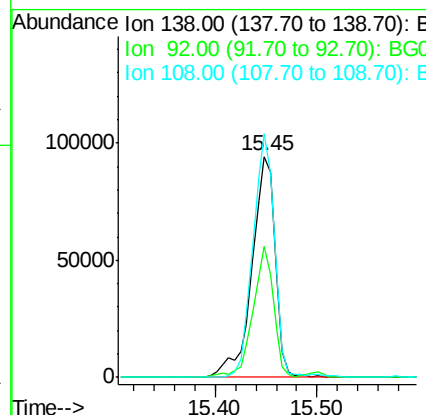
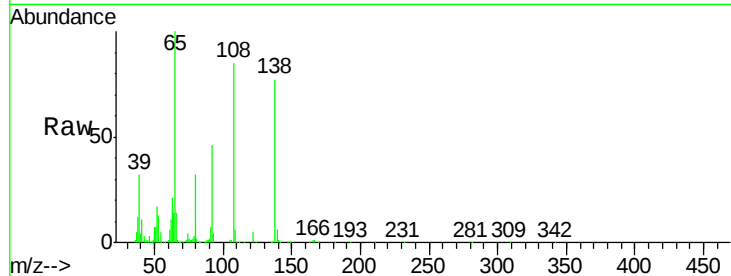




#61
4-Nitroaniline
Concen: 50.81 ng
RT: 15.45 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG017123.D
Acq: 14 May 2015 00:59

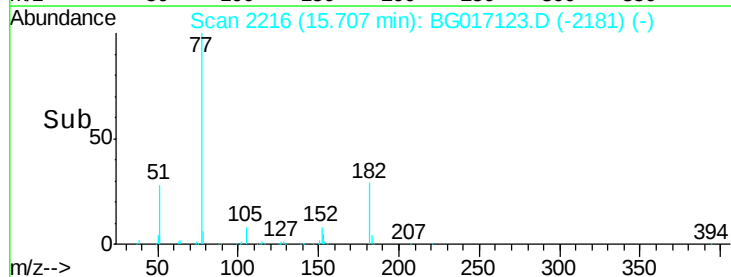
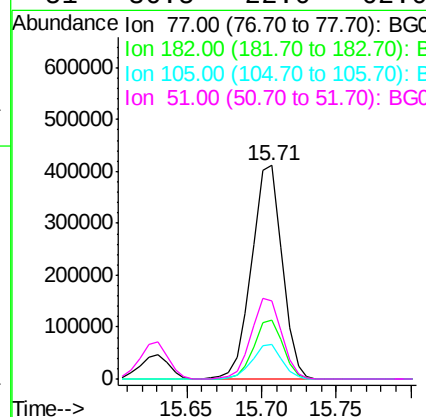
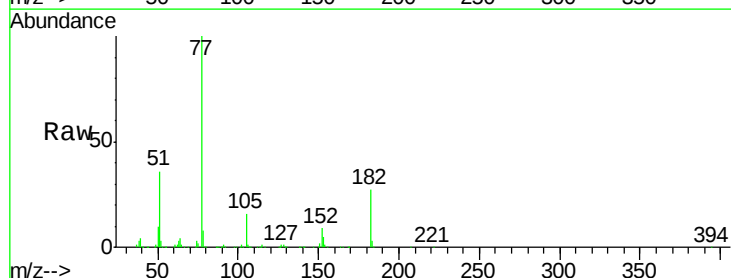
Instrument :
BNA_G
ClientSampleId :
TU012-SB-22-9.0MS

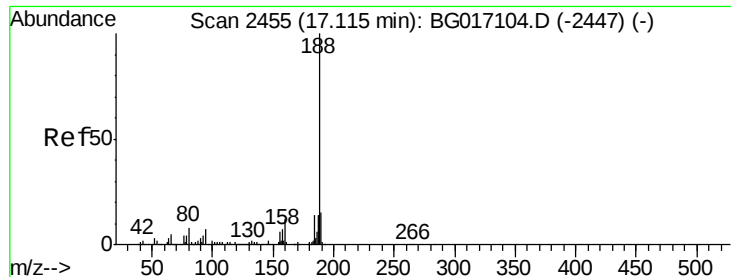
Tgt Ion:138 Resp: 149910
Ion Ratio Lower Upper
138 100
92 59.4 34.9 74.9
108 110.1 95.8 135.8



#62
Azobenzene
Concen: 52.27 ng
RT: 15.71 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BG017123.D
Acq: 14 May 2015 00:59

Tgt Ion: 77 Resp: 576949
Ion Ratio Lower Upper
77 100
182 27.5 8.1 48.1
105 16.1 0.0 34.8
51 36.5 22.0 62.0

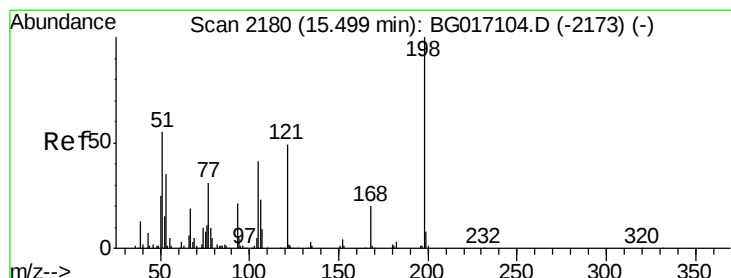
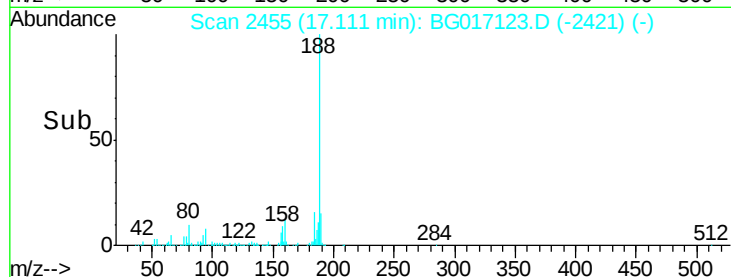
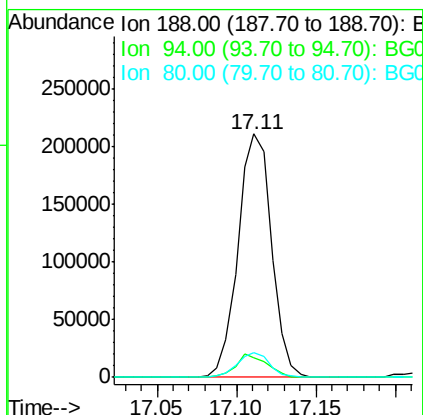
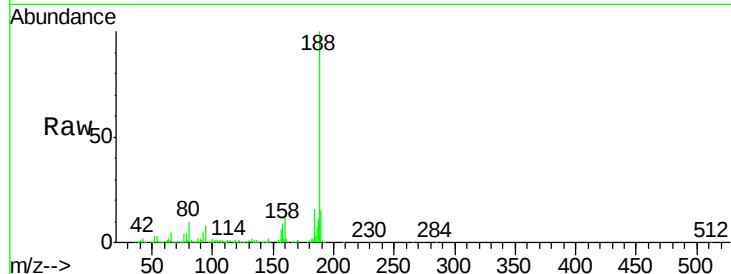




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BG017123.D
Acq: 14 May 2015 00:59

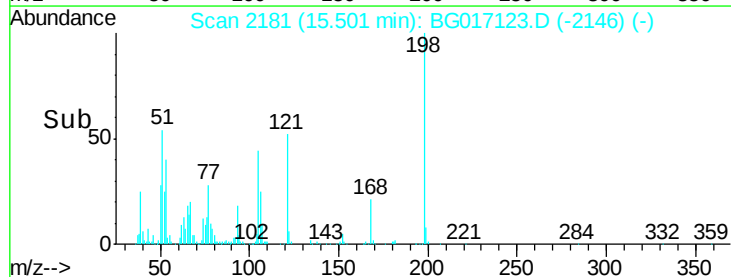
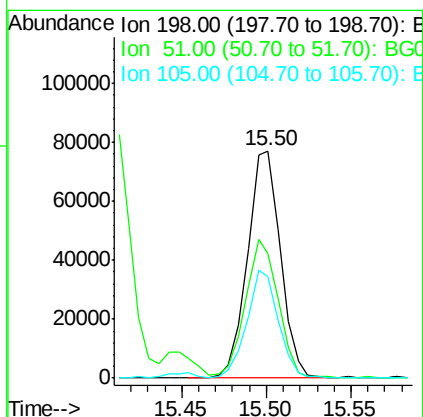
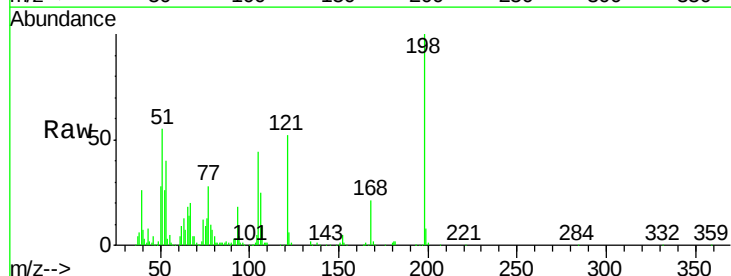
Instrument :
BNA_G
ClientSampleId :
TU012-SB-22-9.0MS

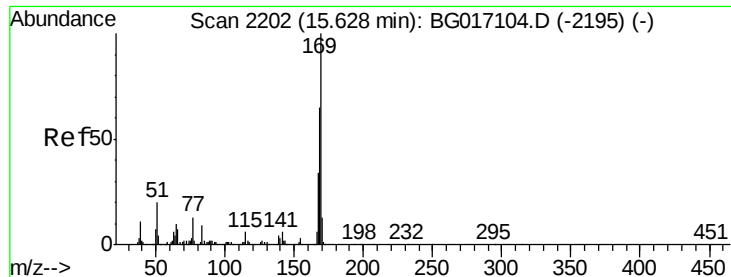
Tgt Ion:188 Resp: 308434
Ion Ratio Lower Upper
188 100
94 7.8 5.8 8.6
80 10.3 6.5 9.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 49.71 ng
RT: 15.50 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BG017123.D
Acq: 14 May 2015 00:59

Tgt Ion:198 Resp: 105092
Ion Ratio Lower Upper
198 100
51 54.6 39.9 79.9
105 44.5 22.0 62.0

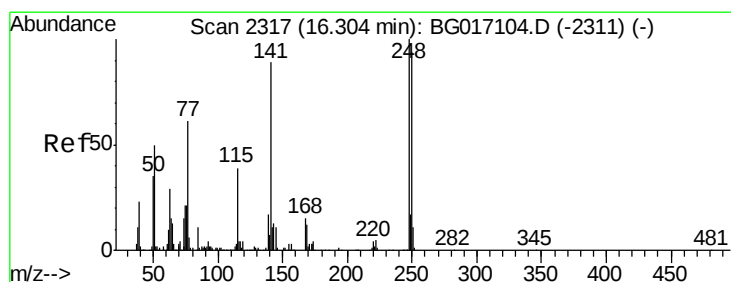
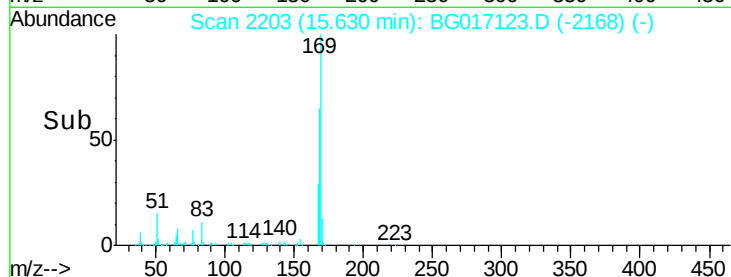
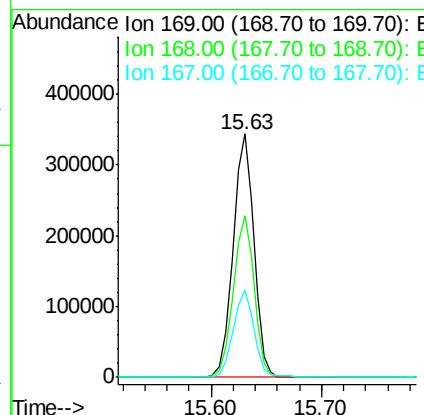
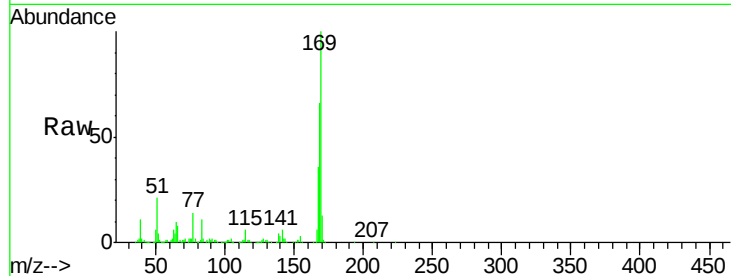




#65
 n-Nitrosodiphenylamine
 Concen: 47.96 ng
 RT: 15.63 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BG017123.D
 Acq: 14 May 2015 00:59

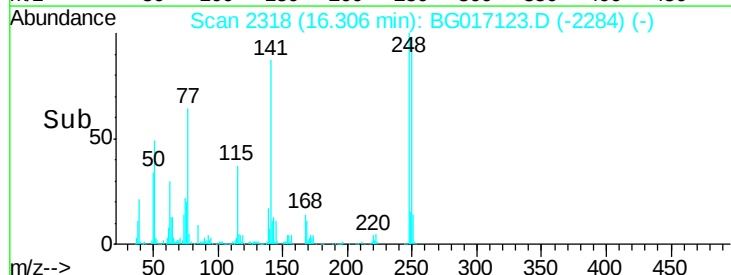
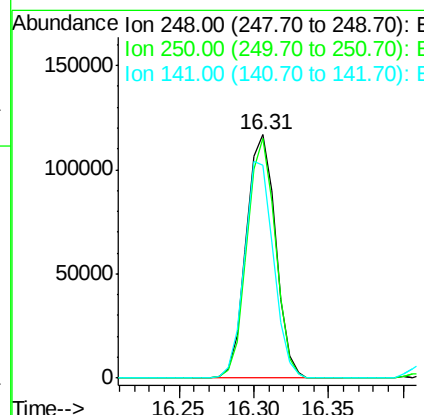
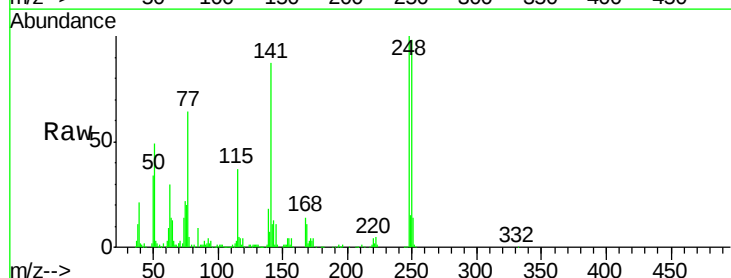
Instrument :
 BNA_G
 ClientSampleId :
 TU012-SB-22-9.0MS

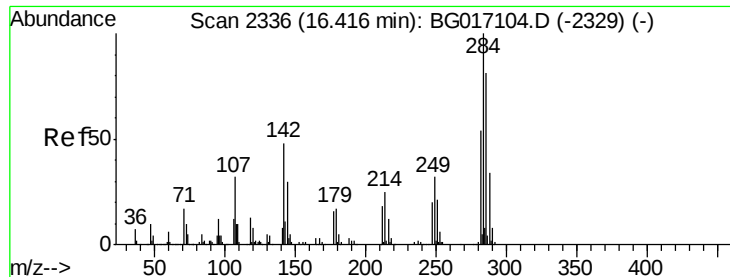
Tgt Ion:169 Resp: 454115
 Ion Ratio Lower Upper
 169 100
 168 66.2 51.7 77.5
 167 35.7 27.4 41.0



#66
 4-Bromophenyl-phenylether
 Concen: 47.43 ng
 RT: 16.31 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BG017123.D
 Acq: 14 May 2015 00:59

Tgt Ion:248 Resp: 159544
 Ion Ratio Lower Upper
 248 100
 250 98.4 75.0 112.4
 141 87.4 71.3 106.9

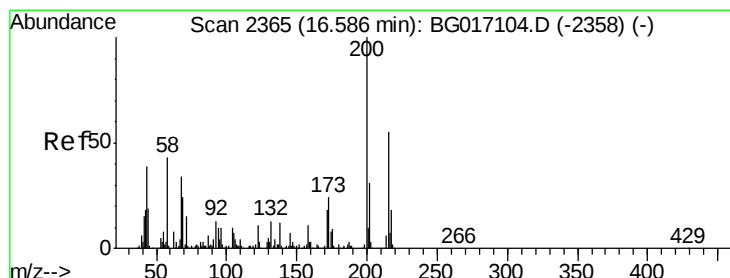
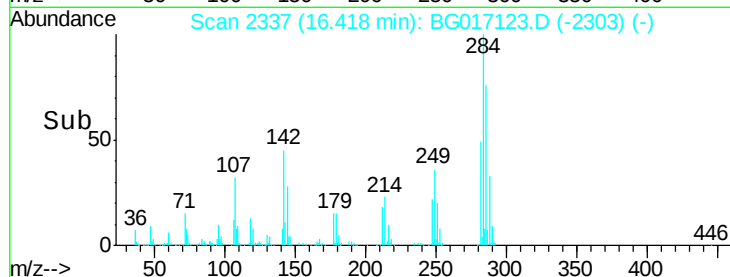
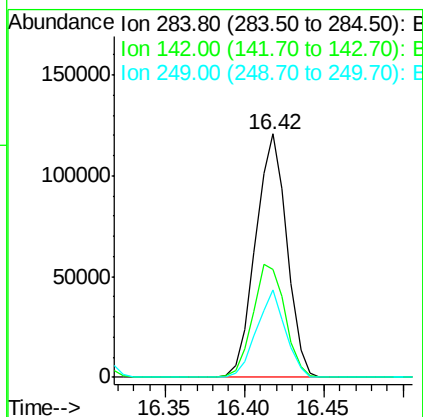
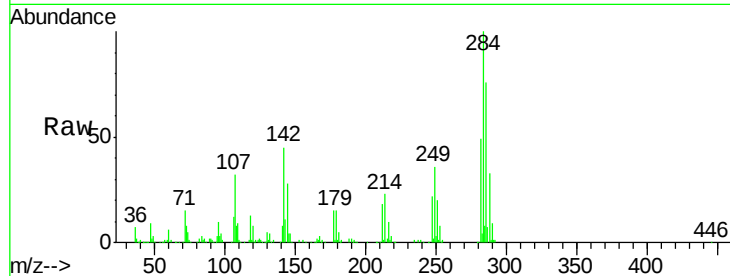




#67
Hexachlorobenzene
Concen: 46.77 ng
RT: 16.42 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BG017123.D
Acq: 14 May 2015 00:59

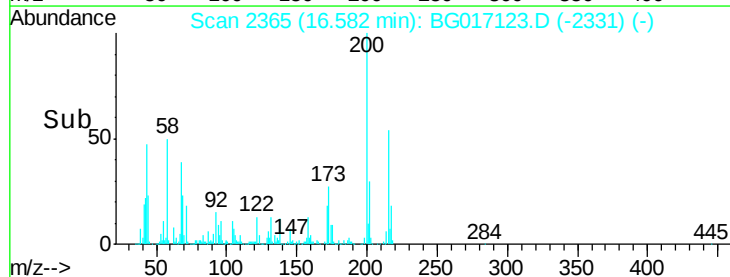
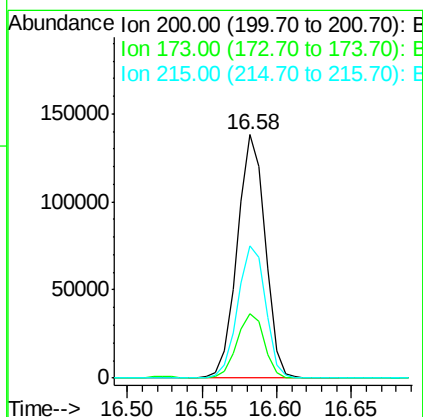
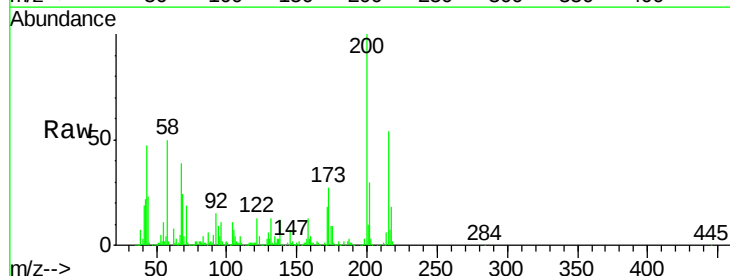
Instrument :
BNA_G
ClientSampleId :
TU012-SB-22-9.0MS

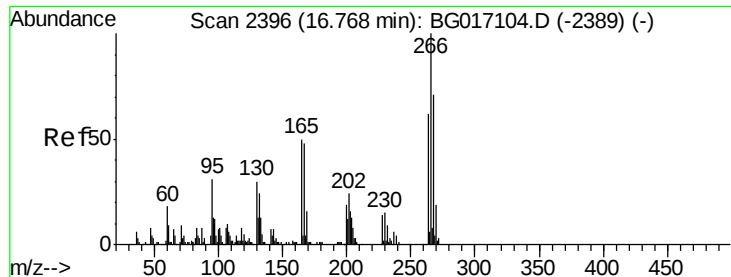
Tgt Ion:284 Resp: 166017
Ion Ratio Lower Upper
284 100
142 44.5 38.2 57.2
249 35.9 25.2 37.8



#68
Atrazine
Concen: 51.73 ng
RT: 16.58 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BG017123.D
Acq: 14 May 2015 00:59

Tgt Ion:200 Resp: 179191
Ion Ratio Lower Upper
200 100
173 26.5 3.7 43.7
215 54.4 35.5 75.5





#69

Pentachlorophenol

Concen: 98.64 ng

RT: 16.77 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

Instrument :

BNA_G

ClientSampleId :

TU012-SB-22-9.0MS

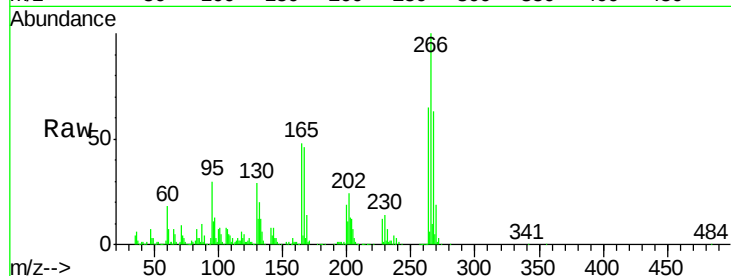
Tgt Ion:266 Resp: 218572

Ion Ratio Lower Upper

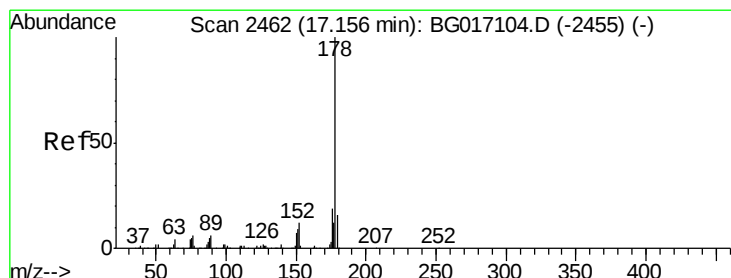
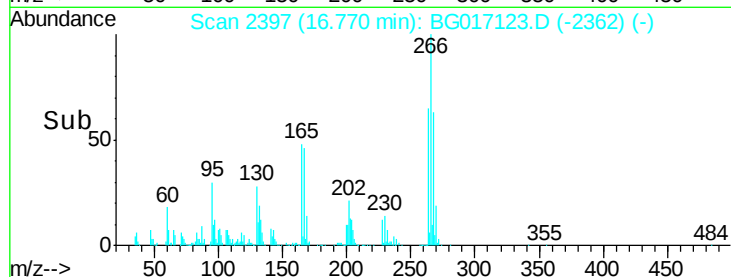
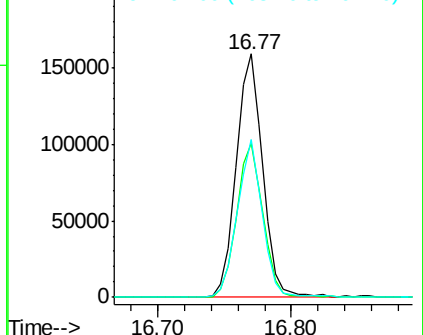
266 100

268 63.5 56.6 84.8

264 64.9 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: 48.01 ng

RT: 17.15 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

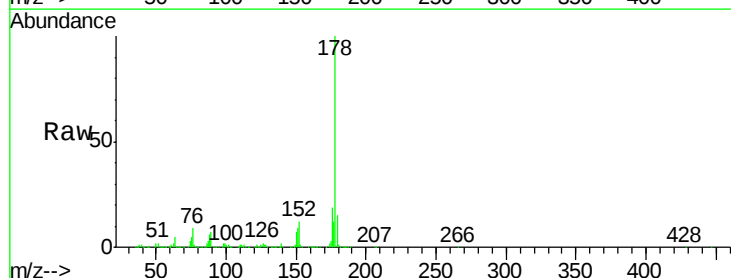
Tgt Ion:178 Resp: 763606

Ion Ratio Lower Upper

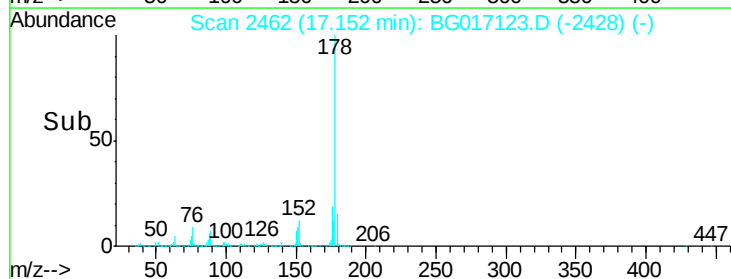
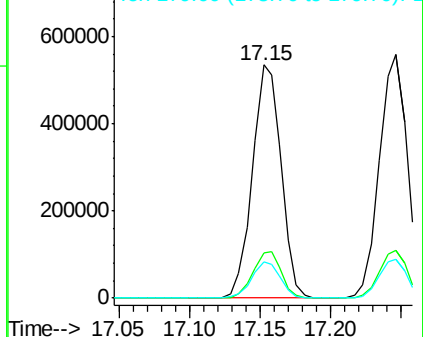
178 100

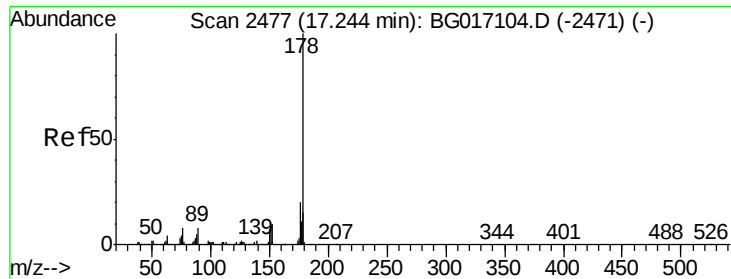
176 19.2 15.4 23.2

179 15.4 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: 47.80 ng

RT: 17.25 min Scan# 2478

Delta R.T. 0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

Instrument :

BNA_G

ClientSampleId :

TU012-SB-22-9.0MS

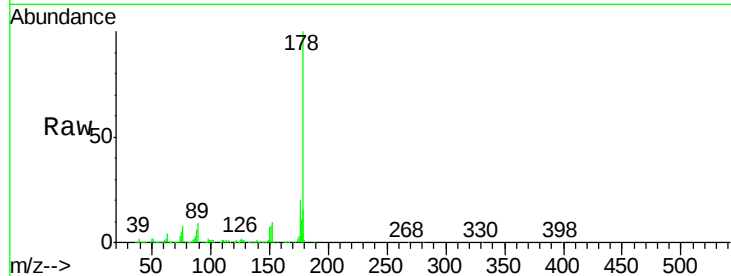
Tgt Ion:178 Resp: 770453

Ion Ratio Lower Upper

178 100

176 19.8 16.3 24.5

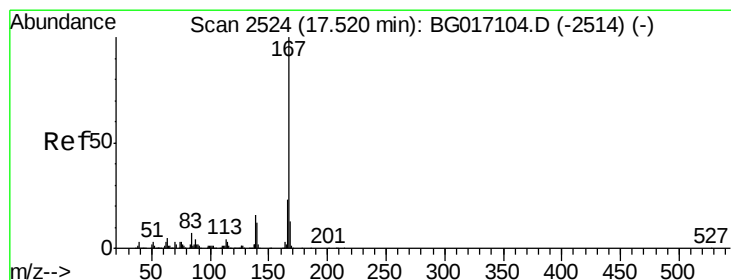
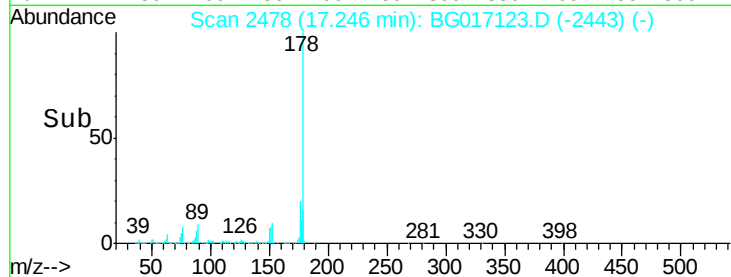
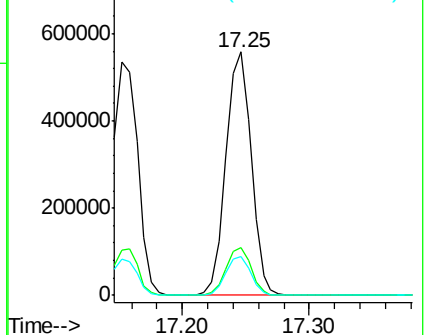
179 16.0 12.1 18.1



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



#72

Carbazole

Concen: 51.59 ng

RT: 17.52 min Scan# 2525

Delta R.T. 0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

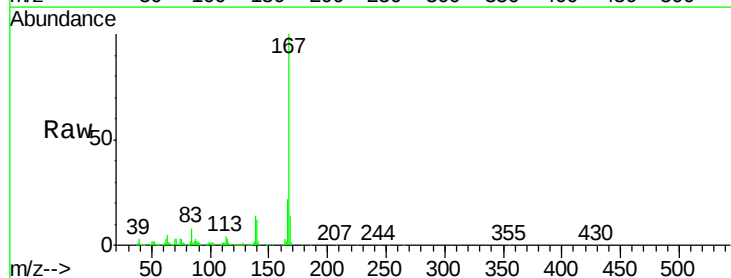
Tgt Ion:167 Resp: 764121

Ion Ratio Lower Upper

167 100

166 22.2 18.4 27.6

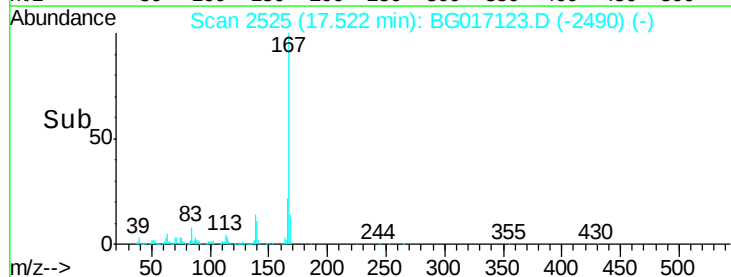
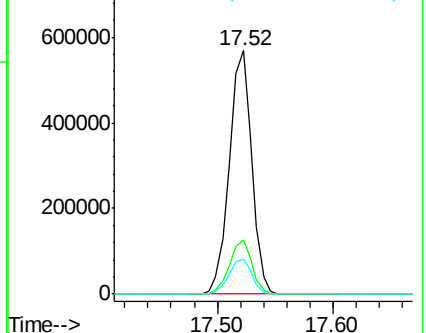
139 14.5 13.0 19.4

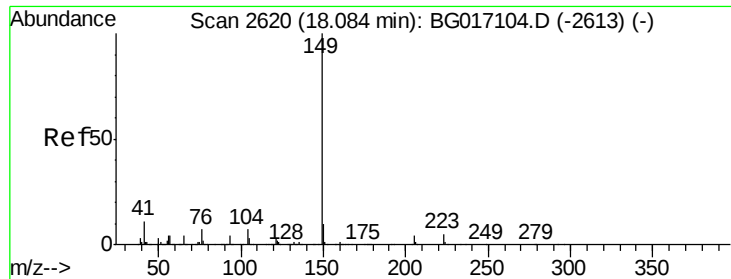


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.81 ng

RT: 18.09 min Scan# 2621

Delta R.T. 0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

Instrument :

BNA_G

ClientSampleId :

TU012-SB-22-9.0MS

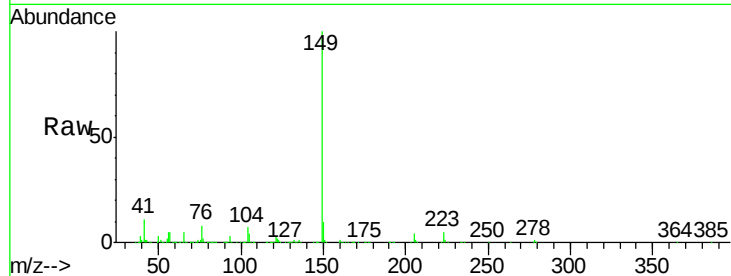
Tgt Ion:149 Resp: 947556

Ion Ratio Lower Upper

149 100

150 9.7 8.2 12.4

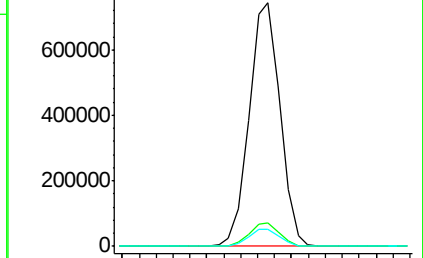
104 7.0 5.7 8.5



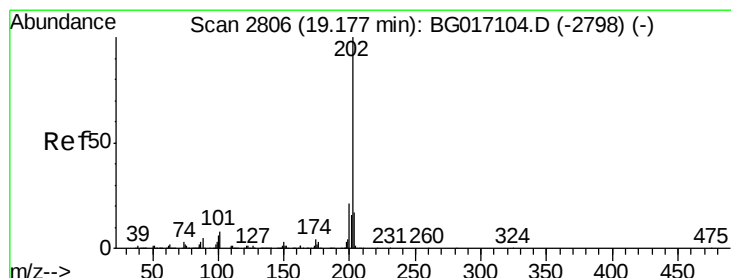
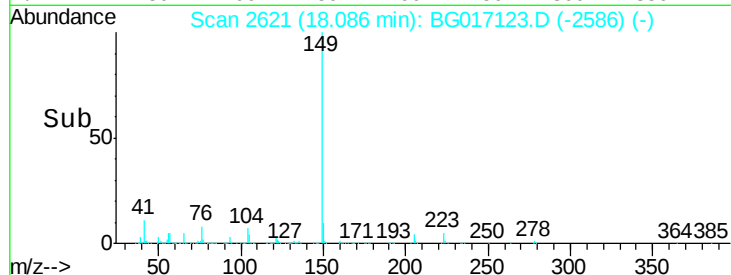
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 18.00 18.05 18.10 18.15



#74

Fluoranthene

Concen: 47.43 ng

RT: 19.17 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

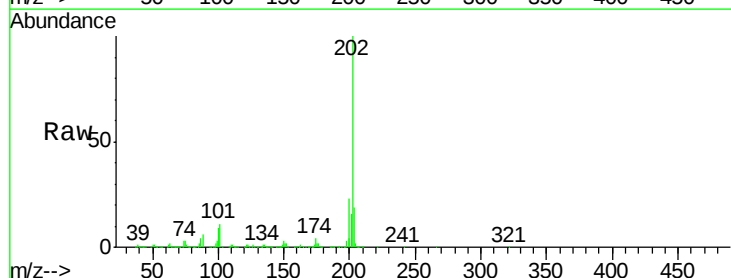
Tgt Ion:202 Resp: 905983

Ion Ratio Lower Upper

202 100

101 10.8 0.0 28.3

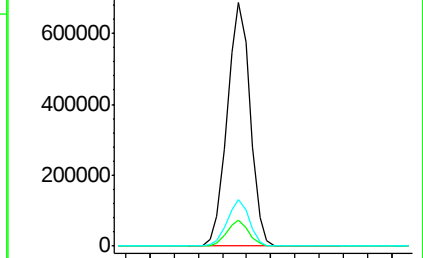
203 18.9 0.0 37.4



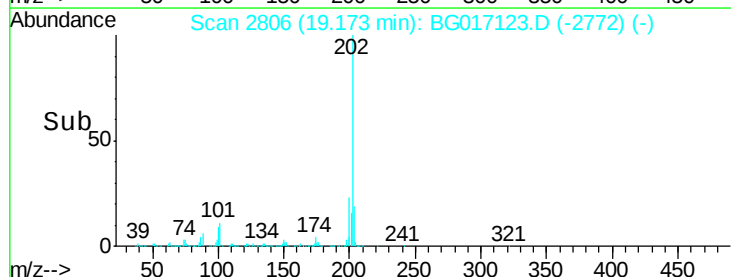
Abundance Ion 202.00 (201.70 to 202.70): E

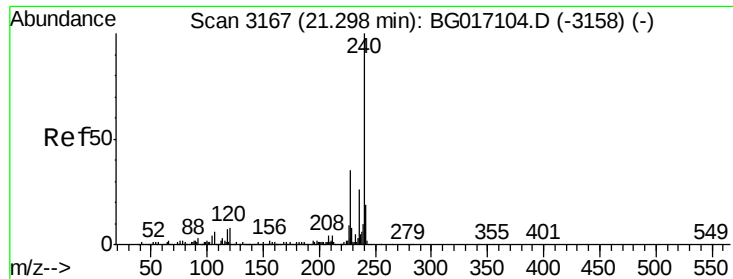
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.10 19.20





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

Instrument :

BNA_G

ClientSampleId :

TU012-SB-22-9.0MS

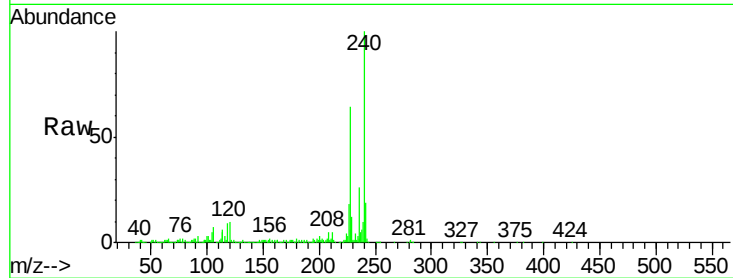
Tgt Ion:240 Resp: 316542

Ion Ratio Lower Upper

240 100

120 9.7 6.0 9.0#

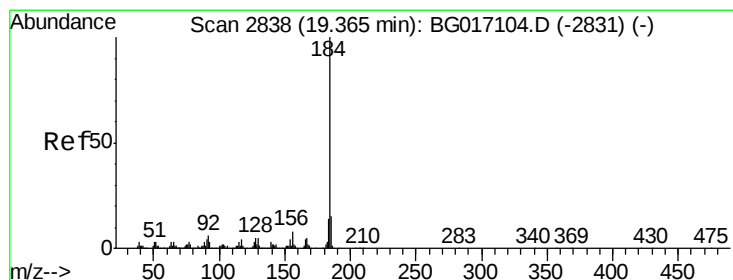
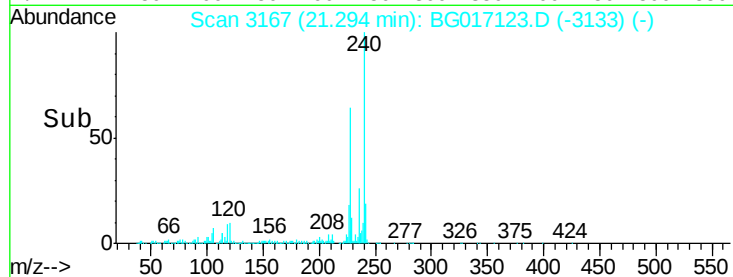
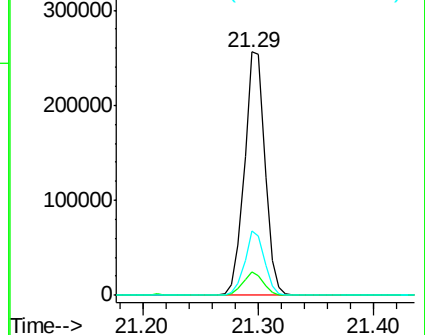
236 26.3 20.5 30.7



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: 45.52 ng

RT: 19.37 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

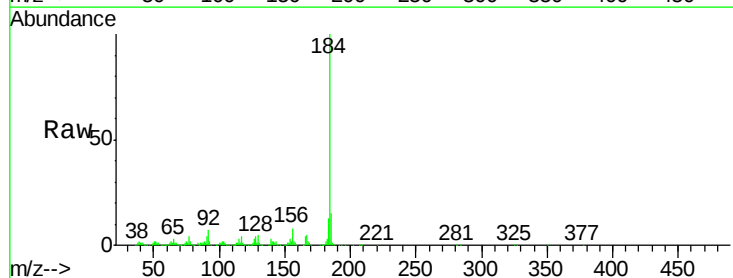
Tgt Ion:184 Resp: 470433

Ion Ratio Lower Upper

184 100

185 14.9 12.4 18.6

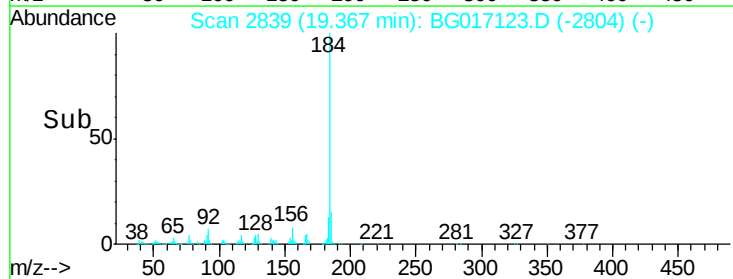
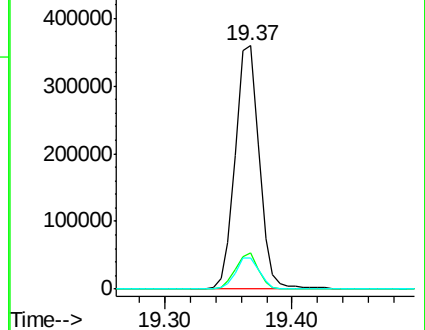
183 12.8 11.4 17.2

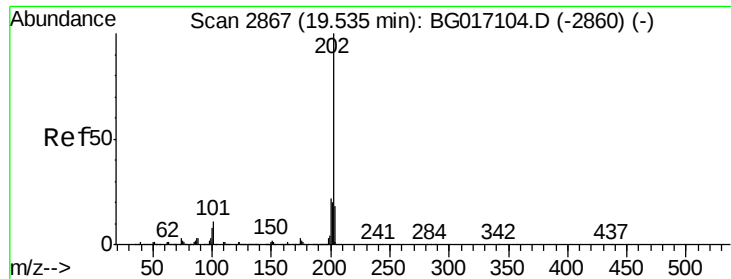


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 47.42 ng

RT: 19.54 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

Instrument :

BNA_G

ClientSampleId :

TU012-SB-22-9.0MS

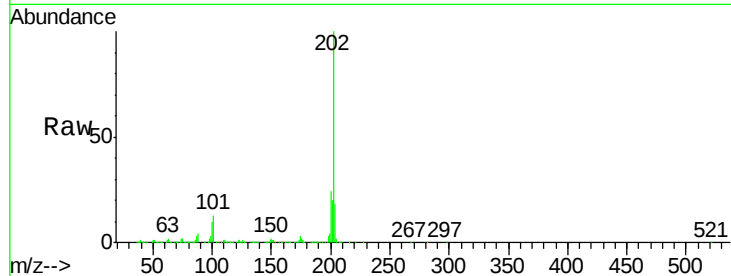
Tgt Ion:202 Resp: 920953

Ion Ratio Lower Upper

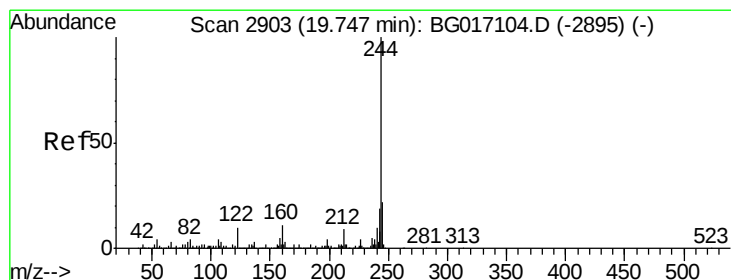
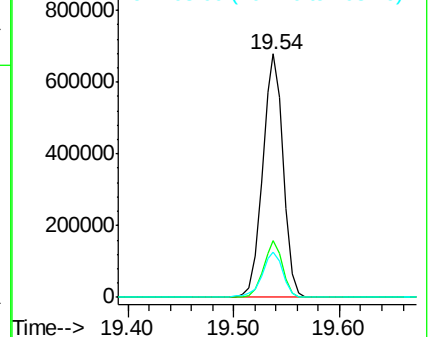
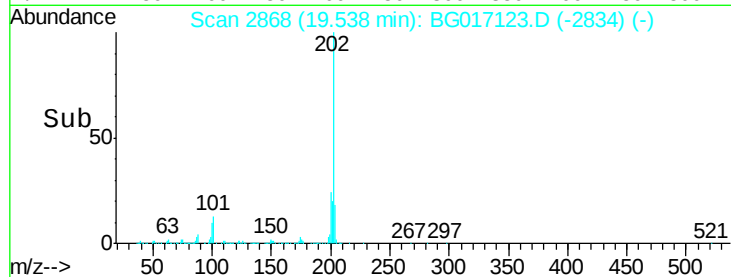
202 100

200 23.5 17.8 26.8

203 18.3 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: 88.98 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

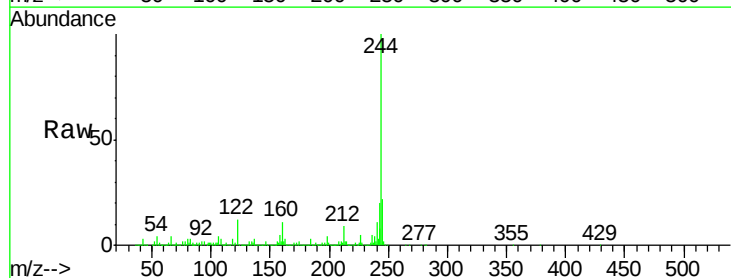
Tgt Ion:244 Resp: 1351576

Ion Ratio Lower Upper

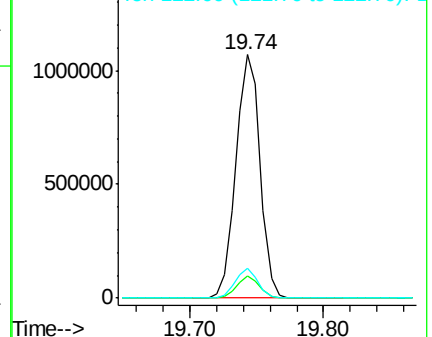
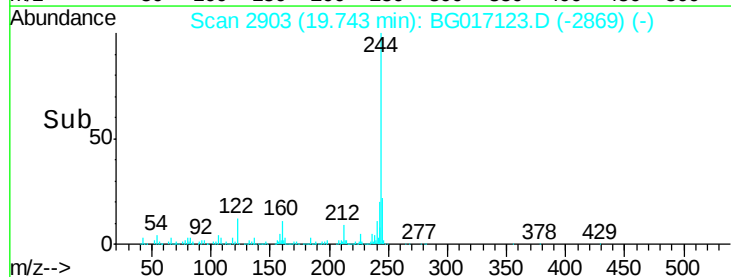
244 100

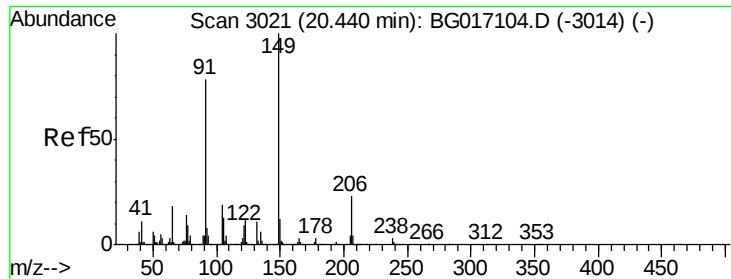
212 9.2 7.0 10.4

122 12.0 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

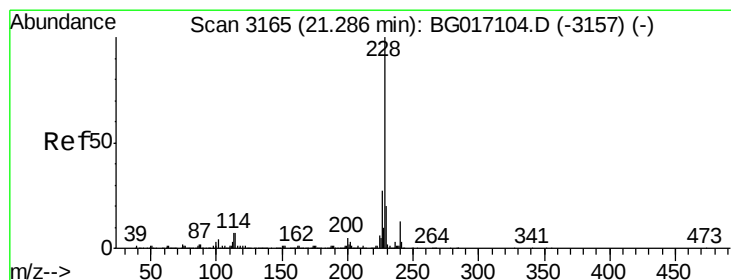
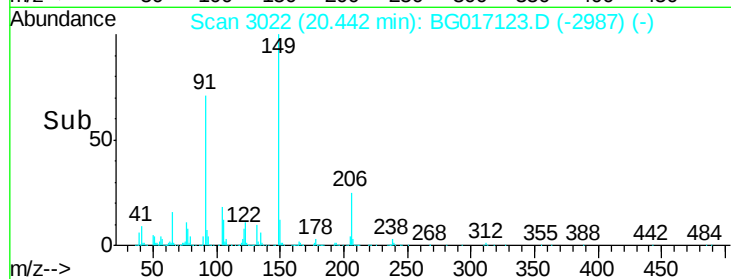
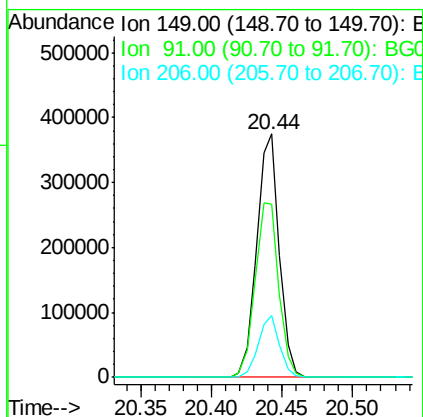
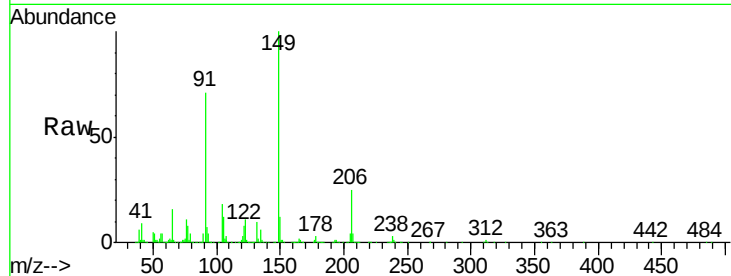




#79
Butylbenzylphthalate
Concen: 47.77 ng
RT: 20.44 min Scan# 3022
Delta R.T. 0.00 min
Lab File: BG017123.D
Acq: 14 May 2015 00:59

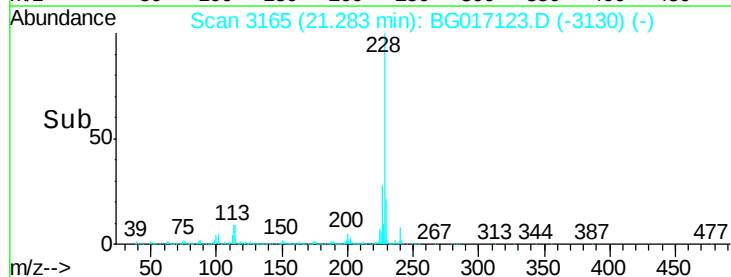
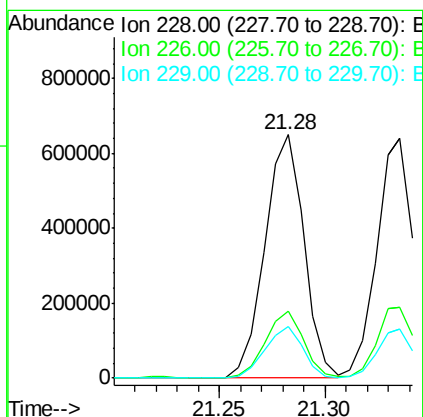
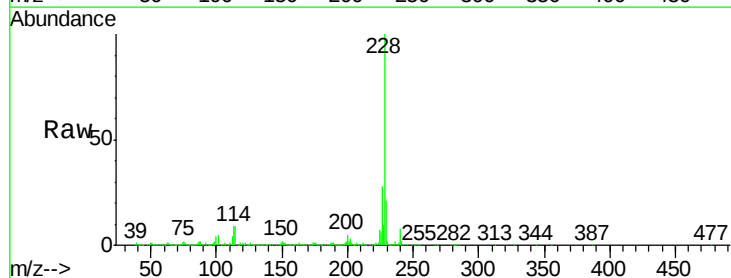
Instrument :
BNA_G
ClientSampleId :
TU012-SB-22-9.0MS

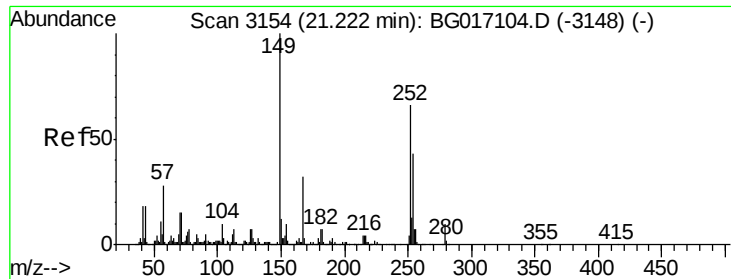
Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.1	62.0	93.0
206	25.2	18.6	27.8



#80
Benzo(a)anthracene
Concen: 46.08 ng
RT: 21.28 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BG017123.D
Acq: 14 May 2015 00:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.7	32.5
229	21.4	16.1	24.1

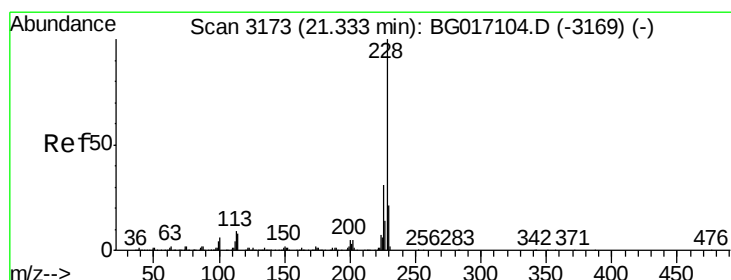
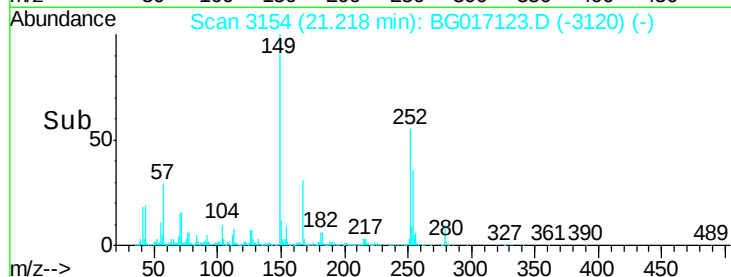
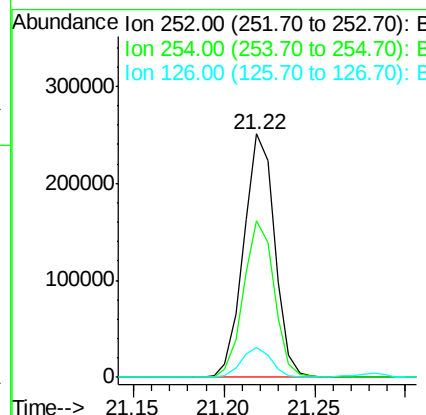
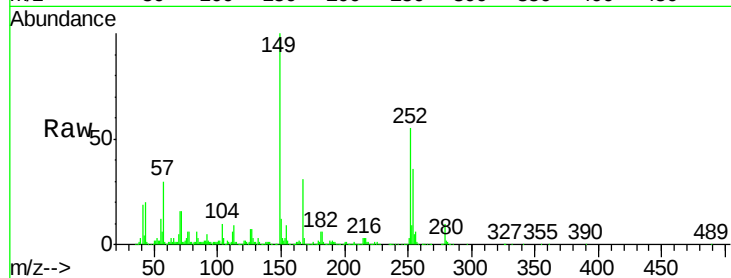




#81
 3,3'-Dichlorobenzidine
 Concen: 42.51 ng
 RT: 21.22 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG017123.D
 Acq: 14 May 2015 00:59

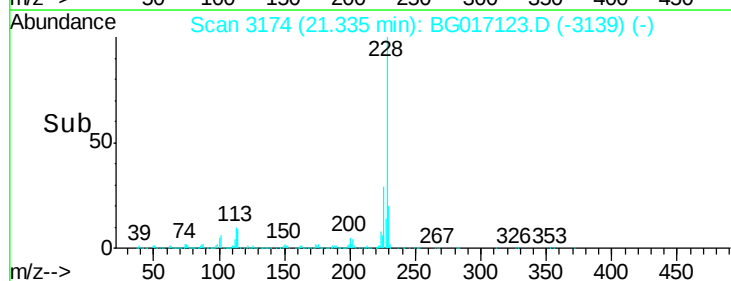
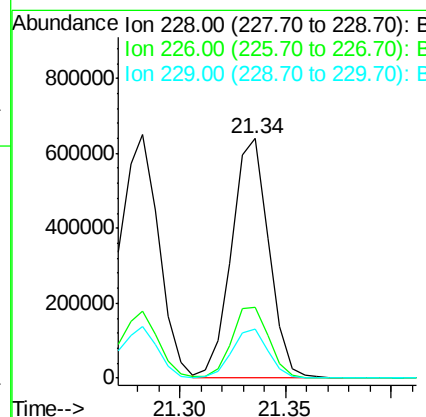
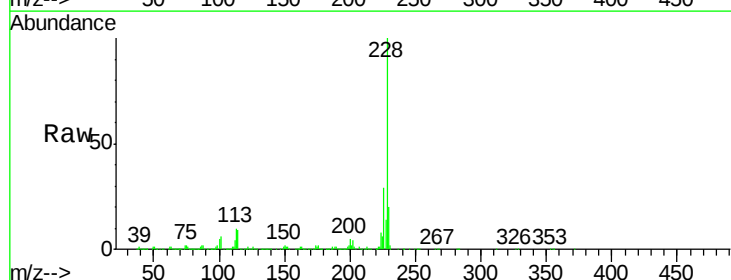
Instrument :
 BNA_G
 ClientSampleId :
 TU012-SB-22-9.0MS

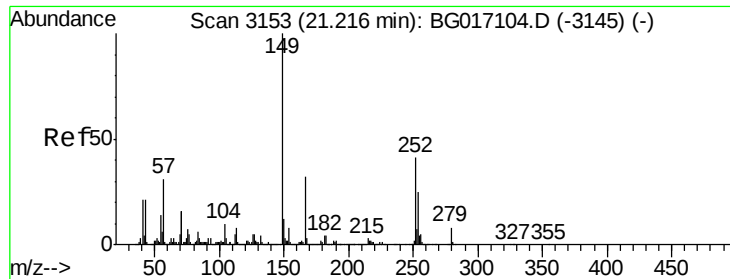
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.1	78.1
126	12.0	8.8	13.2



#82
 Chrysene
 Concen: 45.97 ng
 RT: 21.34 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: BG017123.D
 Acq: 14 May 2015 00:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.8	37.2
229	20.4	17.0	25.6

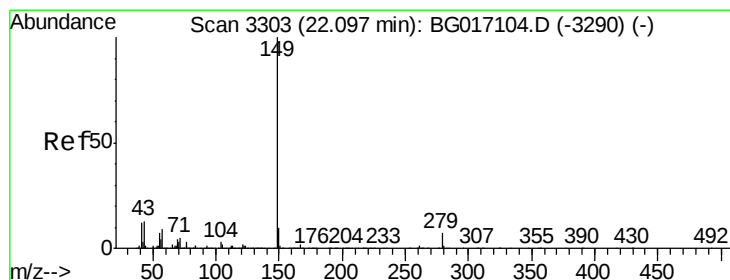
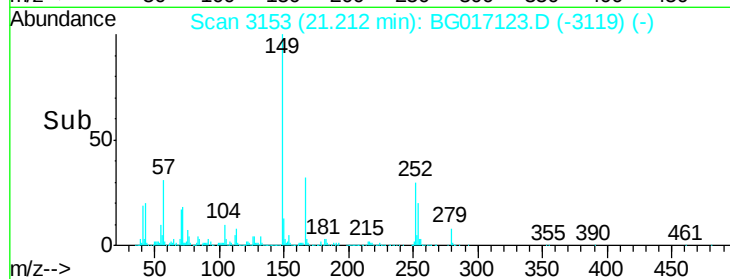
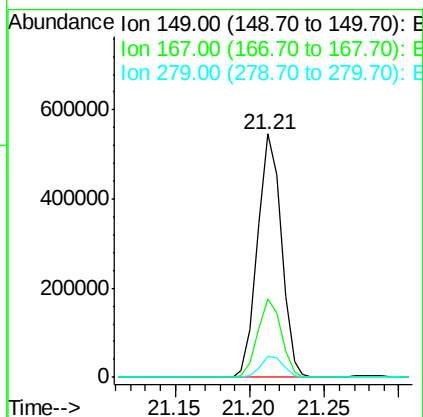
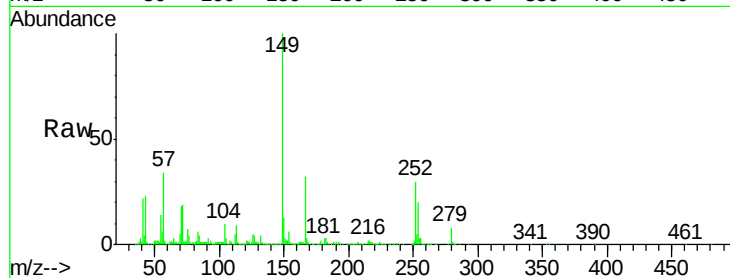




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.75 ng
 RT: 21.21 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: BG017123.D
 Acq: 14 May 2015 00:59

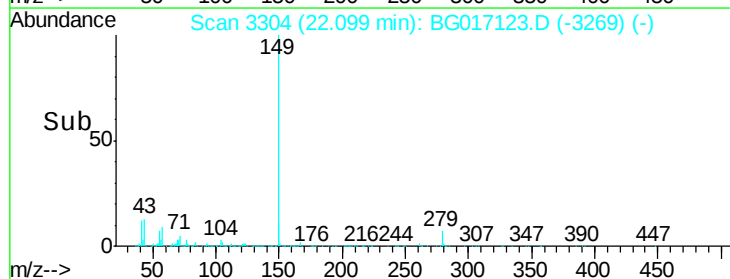
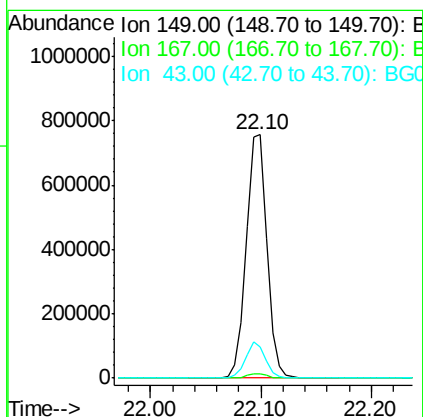
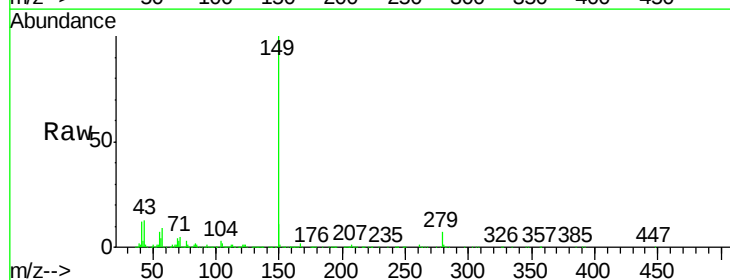
Instrument :
 BNA_G
 ClientSampleId :
 TU012-SB-22-9.0MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.4	25.4	38.2
279	8.5	6.8	10.2



#84
 Di-n-octyl phthalate
 Concen: 47.70 ng
 RT: 22.10 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: BG017123.D
 Acq: 14 May 2015 00:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	13.9	10.9	16.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.99 ng

RT: 25.88 min Scan# 3948

Delta R.T. -0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

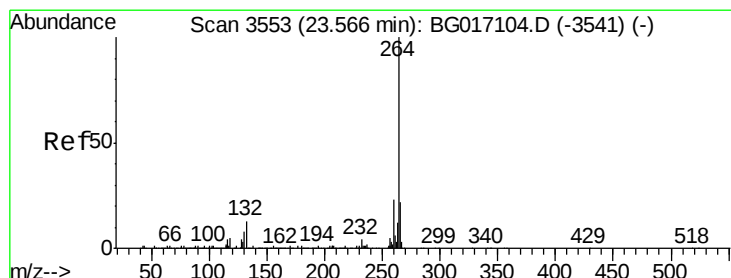
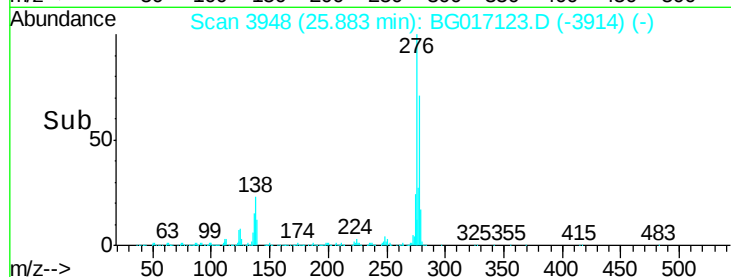
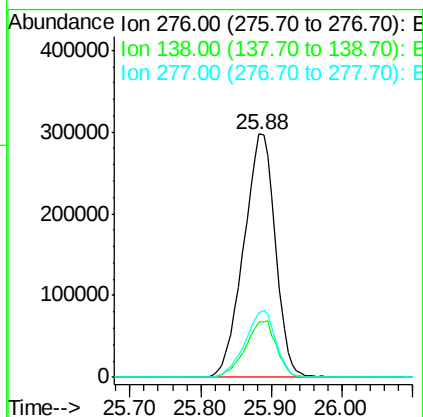
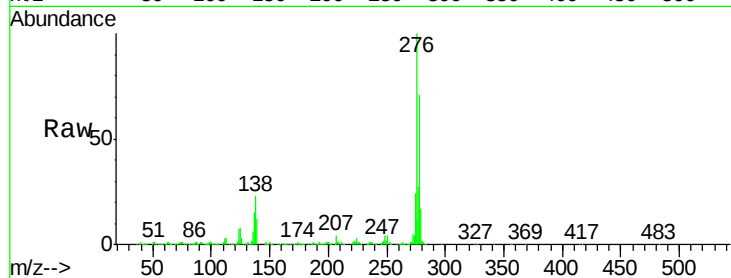
Instrument :

BNA_G

ClientSampleId :

TU012-SB-22-9.0MS

Tgt Ion:	276	Resp:	929792
Ion Ratio	Lower	Upper	
276	100		
138	22.8	16.0	24.0
277	26.7	20.9	31.3



#86

Perylene-d12

Concen: 20.00 ng

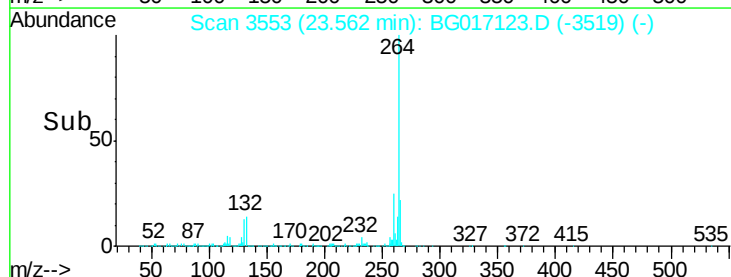
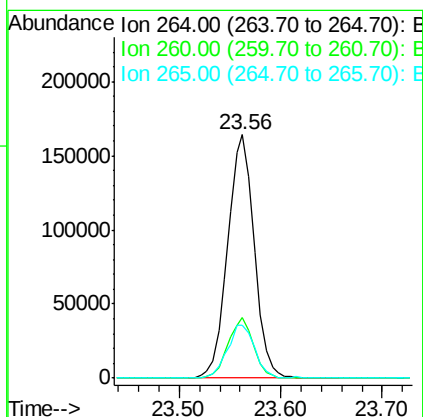
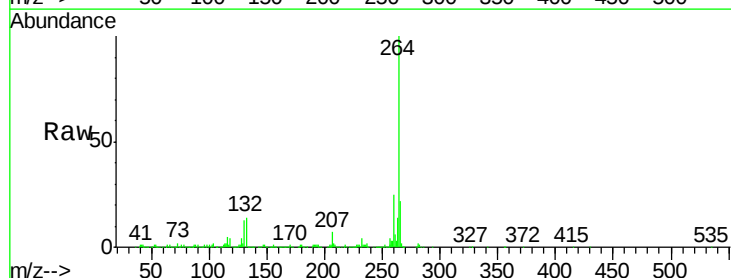
RT: 23.56 min Scan# 3553

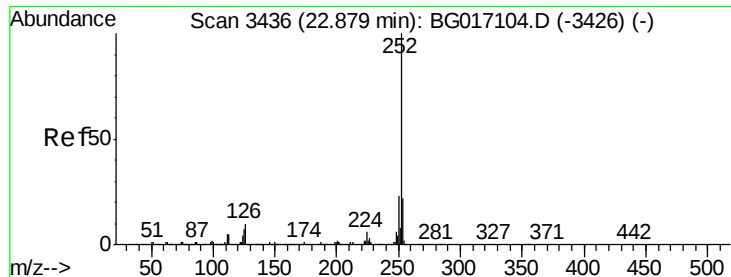
Delta R.T. -0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

Tgt Ion:	264	Resp:	297240
Ion Ratio	Lower	Upper	
264	100		
260	24.9	18.0	27.0
265	21.7	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 47.64 ng

RT: 22.88 min Scan# 3437

Delta R.T. 0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

Instrument :

BNA_G

ClientSampleId :

TU012-SB-22-9.0MS

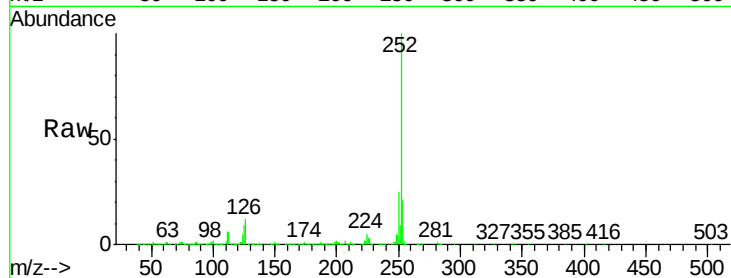
Tgt Ion:252 Resp: 825390

Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.2

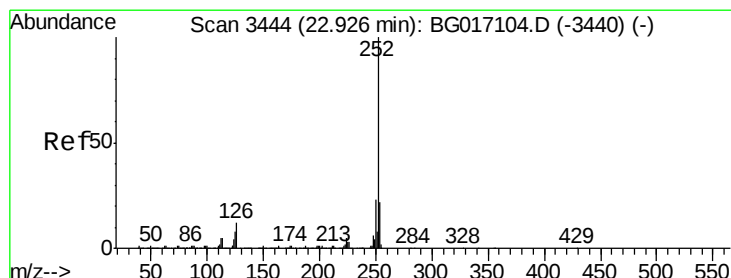
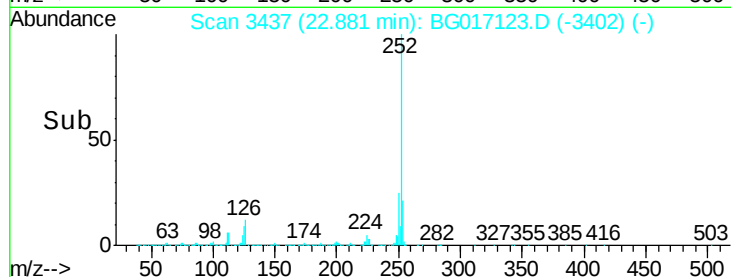
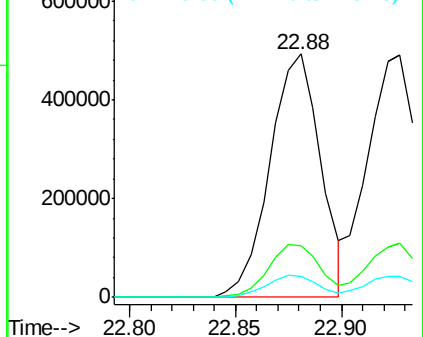
125 8.6 5.9 8.9



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: 49.15 ng

RT: 22.93 min Scan# 3445

Delta R.T. 0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

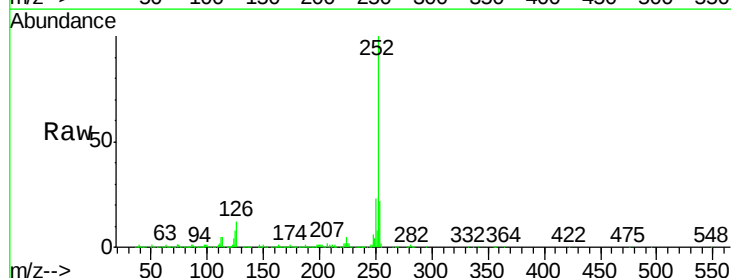
Tgt Ion:252 Resp: 808535

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

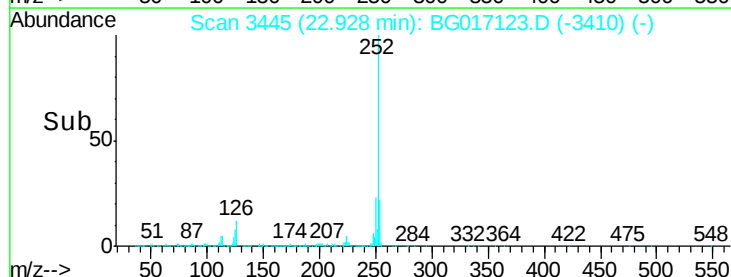
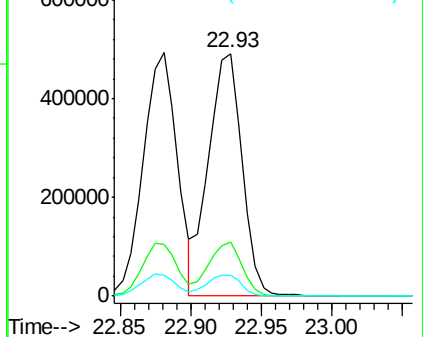
125 8.5 6.4 9.6

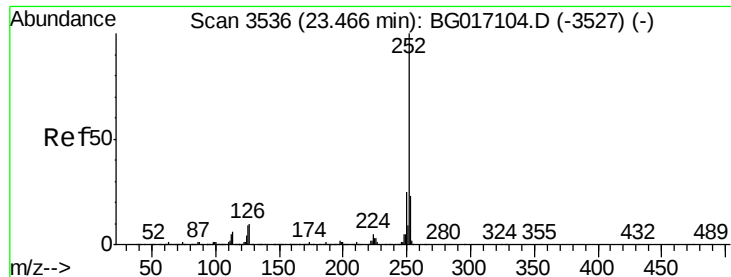


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 49.81 ng

RT: 23.46 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

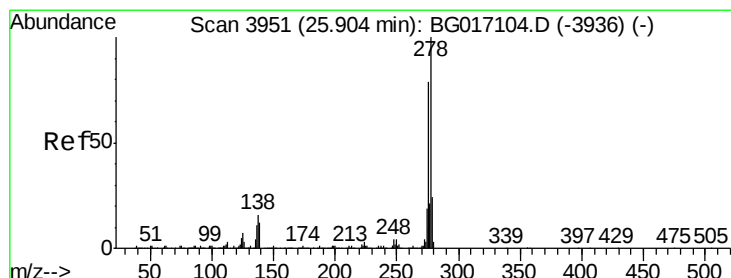
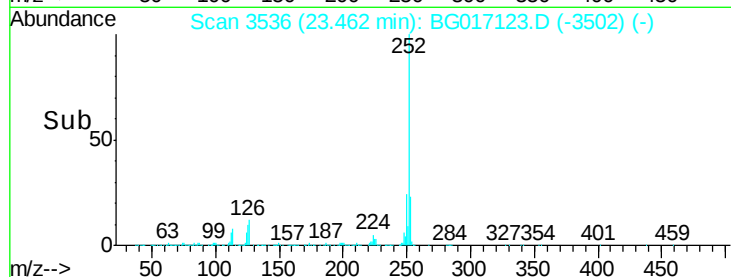
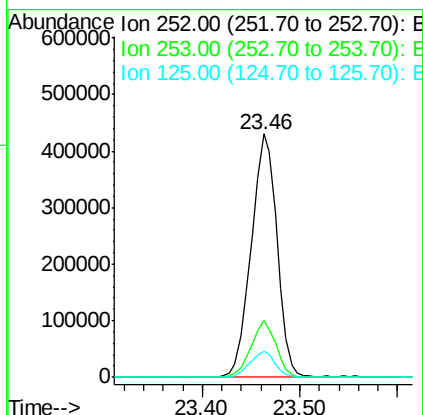
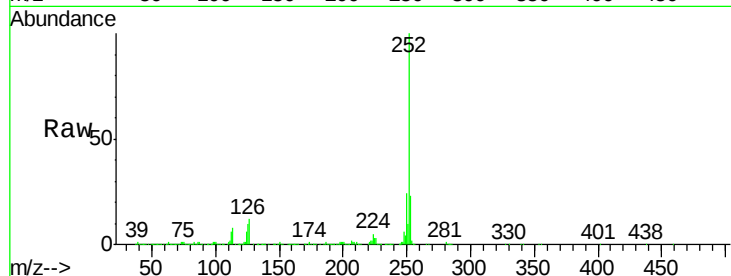
Instrument :

BNA_G

ClientSampleId :

TU012-SB-22-9.0MS

Tgt Ion:	252	Resp:	792578
Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	10.4	7.2	10.8



#90

Dibenzo(a,h)anthracene

Concen: 48.09 ng

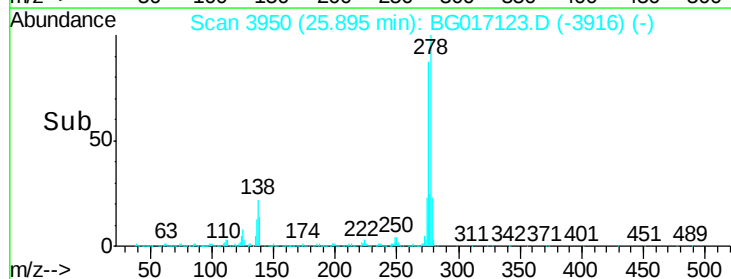
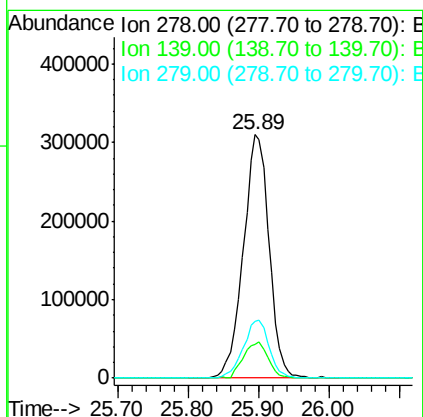
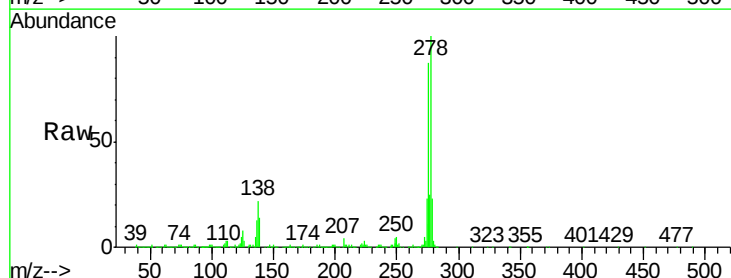
RT: 25.89 min Scan# 3950

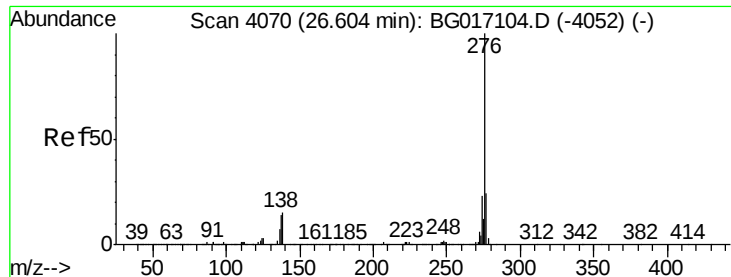
Delta R.T. -0.00 min

Lab File: BG017123.D

Acq: 14 May 2015 00:59

Tgt Ion:	278	Resp:	785496
Ion	Ratio	Lower	Upper
278	100		
139	13.7	9.4	14.2
279	23.2	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 48.92 ng
 RT: 26.59 min Scan# 4069
 Delta R.T. -0.00 min
 Lab File: BG017123.D
 Acq: 14 May 2015 00:59

Instrument :
 BNA_G
 ClientSampleId :
 TU012-SB-22-9.0MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	19.7	11.8	17.8

