

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017111.D
 Acq On : 13 May 2015 17:28
 Operator : TP/IZ
 Sample : G2194-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-02

Quant Time: May 14 02:45:30 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 16:12:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	44722	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	197976	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	131804	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	304917	20.00	ng	0.00
75) Chrysene-d12	21.30	240	305952	20.00	ng	0.00
86) Perylene-d12	23.56	264	297500	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	189476	75.17	ng	0.00
7) Phenol-d6	6.91	99	160471	45.36	ng	0.00
23) Nitrobenzene-d5	8.87	82	397252	93.68	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	257950	161.90	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	851925	94.84	ng	0.00
78) Terphenyl-d14	19.74	244	1415527	96.42	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	543	0.55	ng	# 1
3) Pyridine	3.58	79	67	0.02	ng	# 1
4) n-Nitrosodimethylamine	3.50	42	535	0.23	ng	# 7
6) Aniline	7.11	93	75	0.02	ng	# 38
8) 2-Chlorophenol	7.28	128	298	0.10	ng	# 1
9) Benzaldehyde	6.84	77	217	Below Cal		# 44
10) Phenol	6.93	94	324	0.09	ng	# 47
11) bis(2-Chloroethyl)ether	7.11	93	75	0.03	ng	# 20
14) 1,2-Dichlorobenzene	8.05	146	69	0.02	ng	# 2
15) Benzyl Alcohol	7.96	79	206	0.06	ng	# 15
16) 2,2'-oxybis(1-Chloropropan	8.26	45	88	0.02	ng	# 71
17) 2-Methylphenol	8.23	107	68	0.03	ng	# 1
18) Hexachloroethane	8.76	117	60	0.04	ng	# 1
19) n-Nitroso-di-n-propylamine	8.50	70	85	0.03	ng	# 25
20) 3+4-Methylphenols	8.63	107	60	0.02	ng	# 21
22) Acetophenone	8.53	105	311	0.06	ng	# 42
24) Nitrobenzene	8.87	77	1989	0.48	ng	# 29
25) Isophorone	9.43	82	65	0.01	ng	# 63
26) 2-Nitrophenol	9.76	139	66	0.04	ng	# 23
27) 2,4-Dimethylphenol	9.70	122	53	0.02	ng	# 8
28) bis(2-Chloroethoxy)methane	9.87	93	87	0.02	ng	# 3
30) 1,2,4-Trichlorobenzene	10.22	180	69	0.02	ng	# 11
31) Naphthalene	10.55	128	6762	0.70	ng	# 92
32) Benzoic acid	9.83	122	88	0.04	ng	# 80
33) 4-Chloroaniline	10.58	127	106	0.02	ng	# 46
35) Caprolactam	11.42	113	73	0.05	ng	# 57
37) 2-Methylnaphthalene	12.18	142	658	0.09	ng	# 50
40) Hexachlorocyclopentadiene	12.56	237	53	0.02	ng	# 29
45) 1,1'-Biphenyl	13.20	154	126	0.01	ng	# 42
46) 2-Chloronaphthalene	13.11	162	57	0.01	ng	# 37
47) 2-Nitroaniline	13.46	65	97	0.03	ng	# 7
48) Acenaphthylene	14.09	152	66	0.01	ng	# 59
49) Dimethylphthalate	13.82	163	11024	1.07	ng	# 98
50) 2,6-Dinitrotoluene	13.92	165	68	0.03	ng	# 13

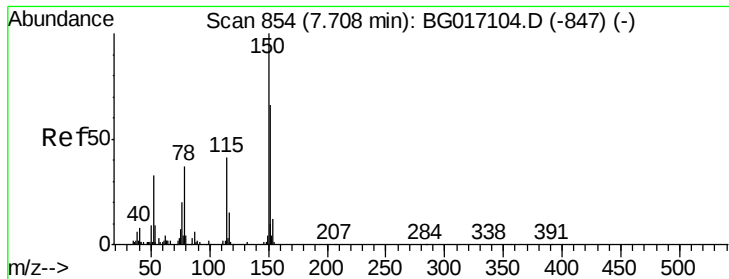
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017111.D
 Acq On : 13 May 2015 17:28
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Quant Time: May 14 02:45:30 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Acenaphthene	14.43	154	8160	1.07	ng	# 83
52) 3-Nitroaniline	14.35	138	75	0.03	ng	# 1
54) Dibenzofuran	14.76	168	56	0.00	ng	# 40
55) 4-Nitrophenol	14.62	139	63	0.03	ng	# 1
57) Fluorene	15.41	166	334	0.03	ng	# 50
58) 2,3,4,6-Tetrachlorophenol	15.00	232	128	0.05	ng	# 47
59) Diethylphthalate	15.19	149	3064	0.28	ng	# 97
60) 4-Chlorophenyl-phenylether	15.23	204	68	0.01	ng	# 24
61) 4-Nitroaniline	15.47	138	115	0.04	ng	# 36
62) Azobenzene	15.70	77	174	0.02	ng	# 48
64) 4,6-Dinitro-2-methylphenol	15.48	198	183	0.09	ng	# 2
66) 4-Bromophenyl-phenylether	16.20	248	60	0.02	ng	# 4
67) Hexachlorobenzene	16.52	284	69	0.02	ng	# 35
68) Atrazine	16.60	200	137	0.04	ng	# 32
69) Pentachlorophenol	16.77	266	191	0.09	ng	# 17
70) Phenanthrene	17.14	178	1833	0.12	ng	# 78
71) Anthracene	17.24	178	248	0.02	ng	# 59
72) Carbazole	17.50	167	176	0.01	ng	# 56
73) Di-n-butylphthalate	18.08	149	8894	0.45	ng	# 93
74) Fluoranthene	19.19	202	560	0.03	ng	# 65
76) Benzidine	19.37	184	176	0.02	ng	# 23
77) Pyrene	19.53	202	1106	0.06	ng	# 76
79) Butylbenzylphthalate	20.44	149	1805	0.21	ng	# 78
80) Benzo(a)anthracene	21.29	228	2199	0.13	ng	# 72
81) 3,3'-Dichlorobenzidine	21.23	252	57	0.01	ng	# 1
82) Chrysene	21.32	228	729	0.04	ng	# 71
83) Bis(2-ethylhexyl)phthalate	21.21	149	14666	1.21	ng	# 94
84) Di-n-octyl phthalate	22.08	149	189	0.01	ng	# 1
85) Indeno(1,2,3-cd)pyrene	25.91	276	91	0.00	ng	# 52
87) Benzo(b)fluoranthene	22.88	252	1131	0.07	ng	# 57
88) Benzo(k)fluoranthene	22.92	252	583	0.04	ng	# 31
89) Benzo(a)pyrene	23.46	252	1129	0.07	ng	# 1
90) Dibenzo(a,h)anthracene	25.93	278	81	0.00	ng	# 57
91) Benzo(g,h,i)perylene	26.62	276	140	0.01	ng	# 57

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.71 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

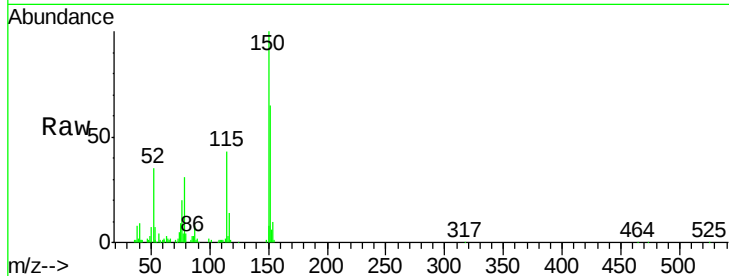
Tgt Ion:152 Resp: 44722

Ion Ratio Lower Upper

152 100

150 153.2 120.8 181.2

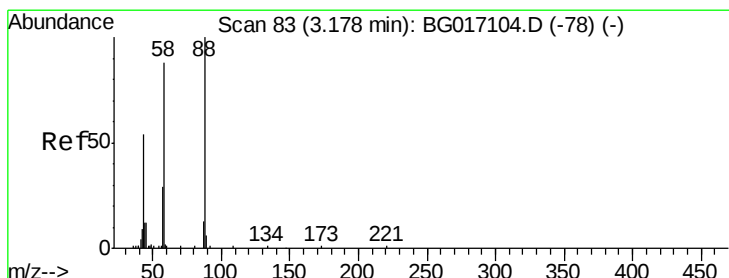
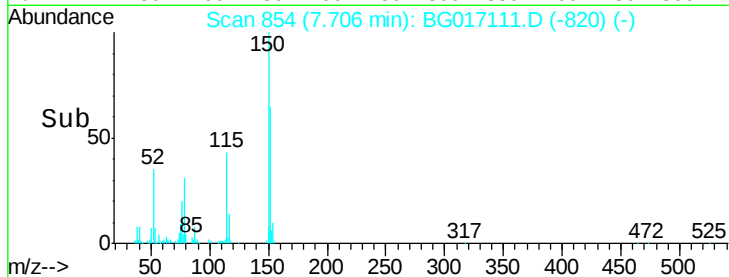
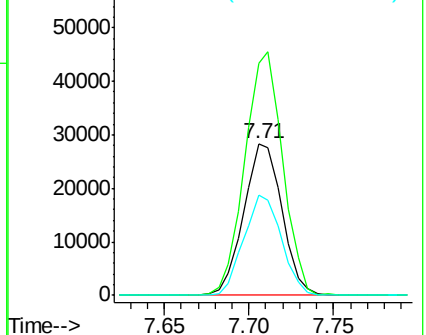
115 66.2 49.4 74.2



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: 0.55 ng

RT: 3.18 min Scan# 83

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

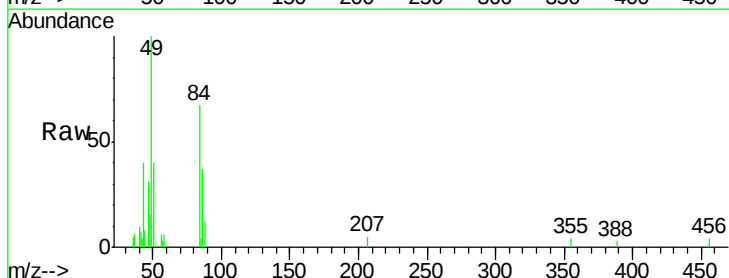
Tgt Ion: 88 Resp: 543

Ion Ratio Lower Upper

88 100

58 116.4 68.6 103.0#

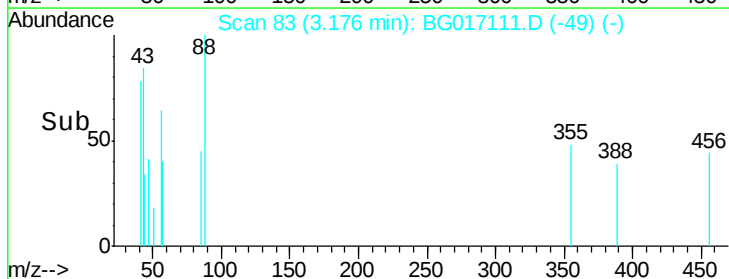
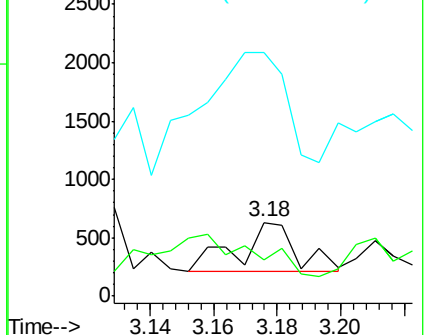
43 371.8 40.3 60.5#

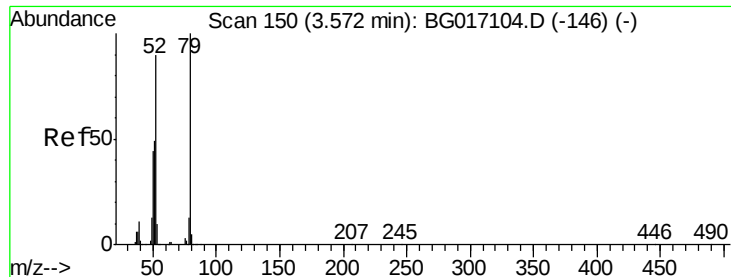


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 0.02 ng

RT: 3.58 min Scan# 152

Delta R.T. 0.01 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

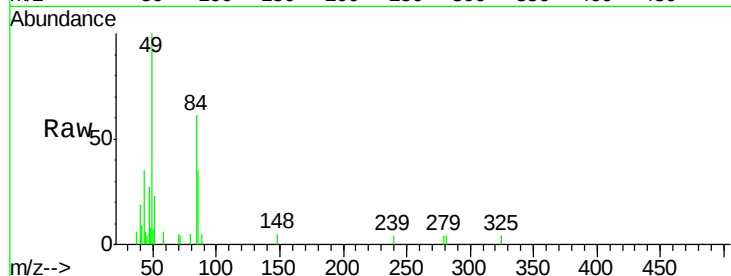
Tgt Ion: 79 Resp: 67

Ion Ratio Lower Upper

79 100

52 0.0 72.2 108.2#

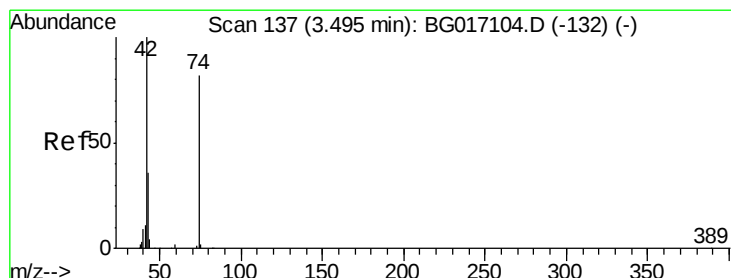
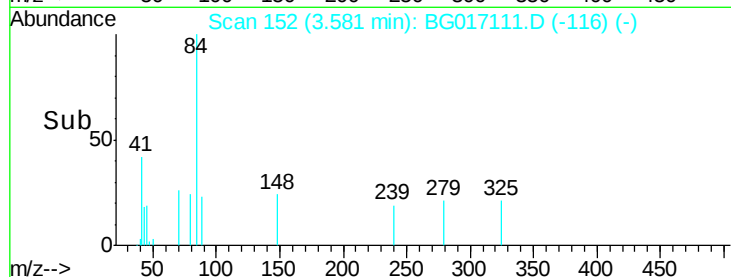
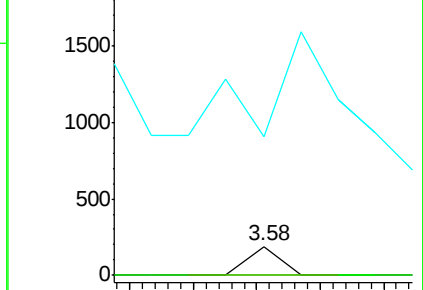
51 475.8 40.6 60.8#



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: 0.23 ng

RT: 3.50 min Scan# 139

Delta R.T. 0.01 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

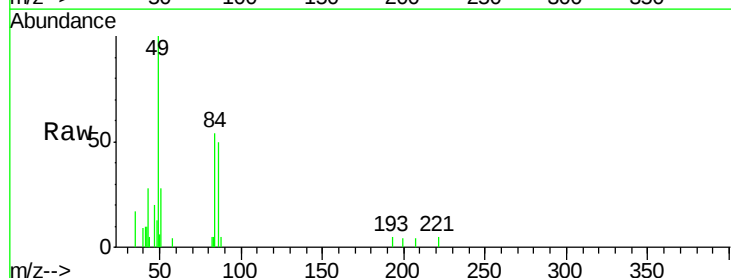
Tgt Ion: 42 Resp: 535

Ion Ratio Lower Upper

42 100

74 0.0 65.2 97.8#

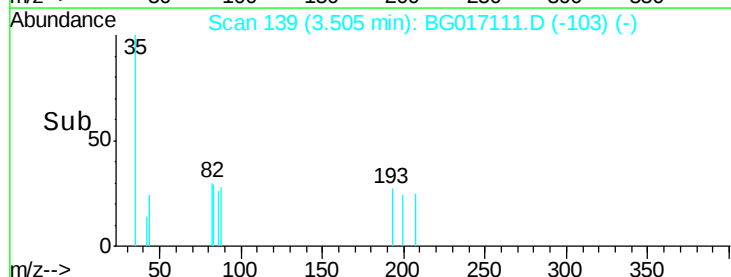
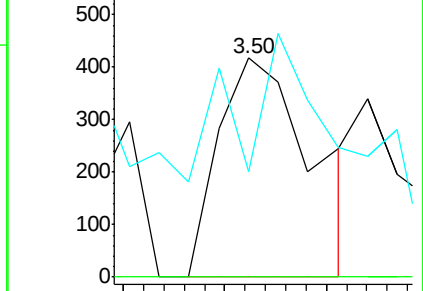
44 48.0 3.2 4.8#

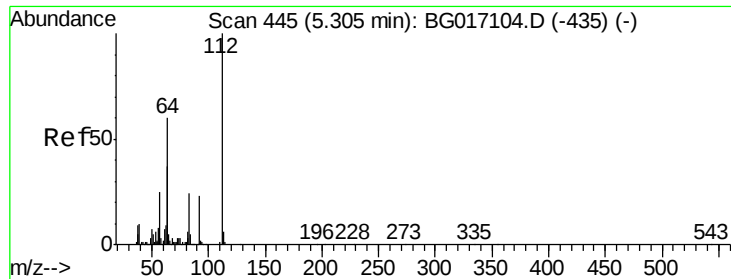


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 75.17 ng

RT: 5.30 min Scan# 445

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

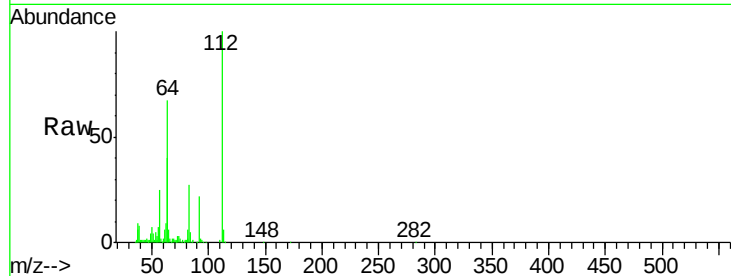
Tgt Ion: 112 Resp: 189476

Ion Ratio Lower Upper

112 100

64 66.5 48.1 72.1

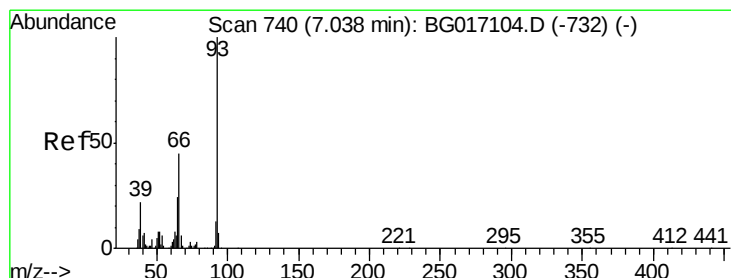
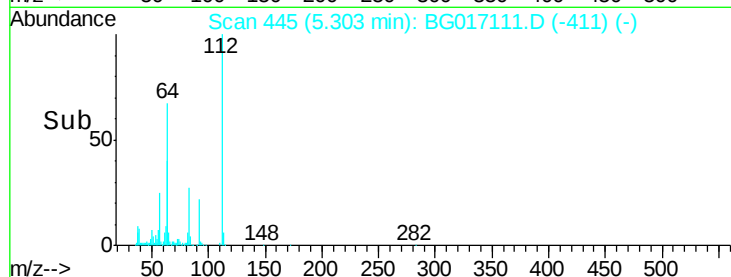
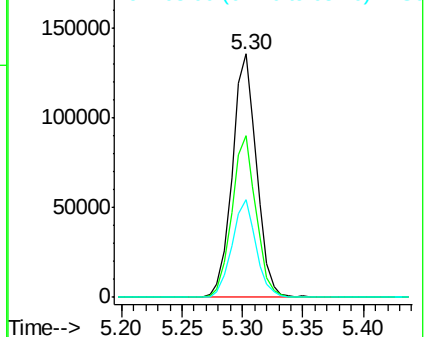
63 39.9 29.8 44.8



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: 0.02 ng

RT: 7.11 min Scan# 753

Delta R.T. 0.07 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

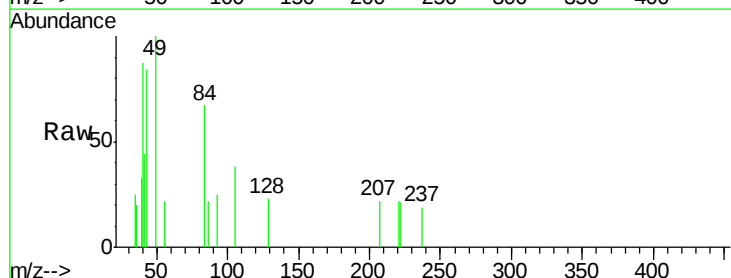
Tgt Ion: 93 Resp: 75

Ion Ratio Lower Upper

93 100

66 0.0 35.8 53.8#

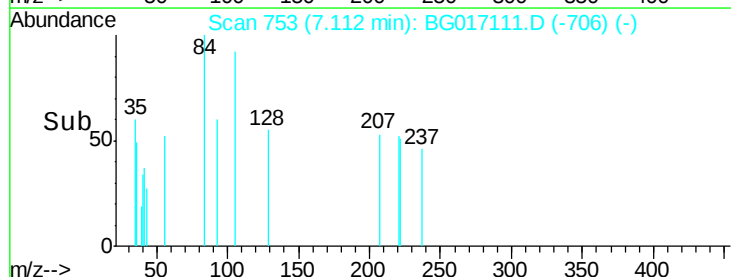
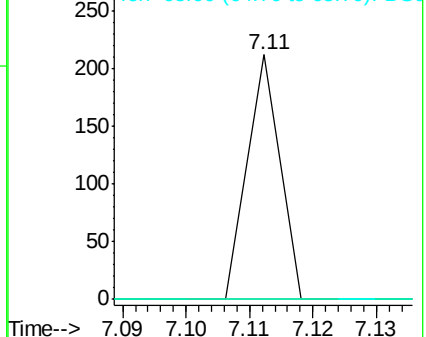
65 0.0 19.2 28.8#

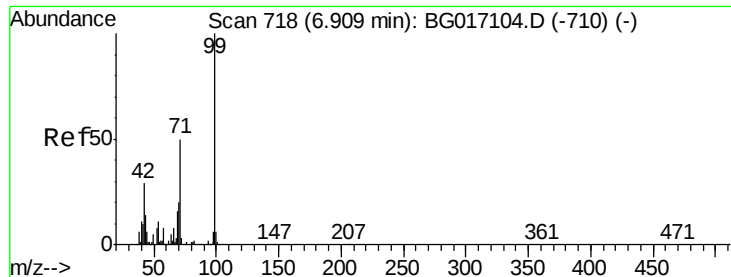


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 45.36 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

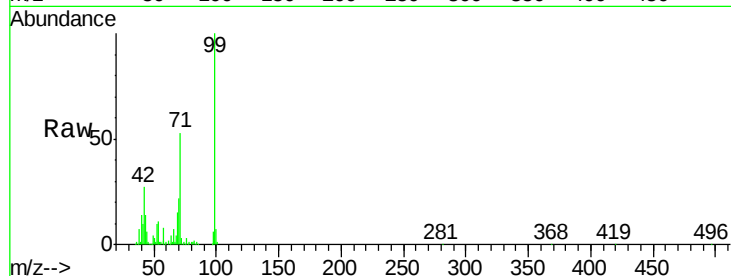
Tgt Ion: 99 Resp: 160471

Ion Ratio Lower Upper

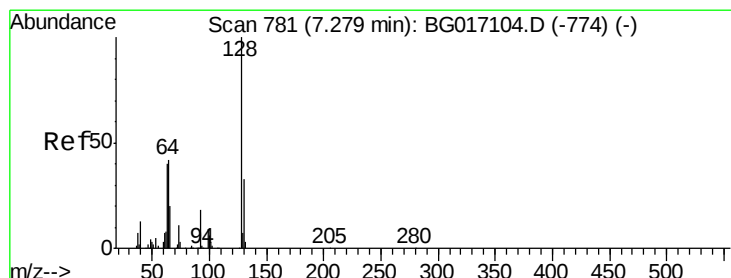
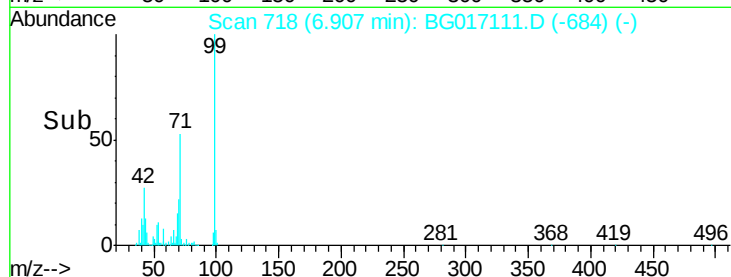
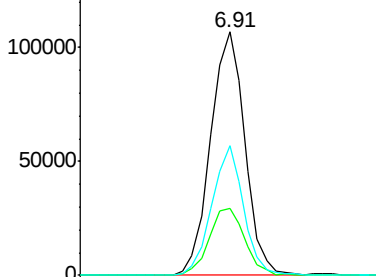
99 100

42 27.4 23.5 35.3

71 53.4 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: 0.10 ng

RT: 7.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

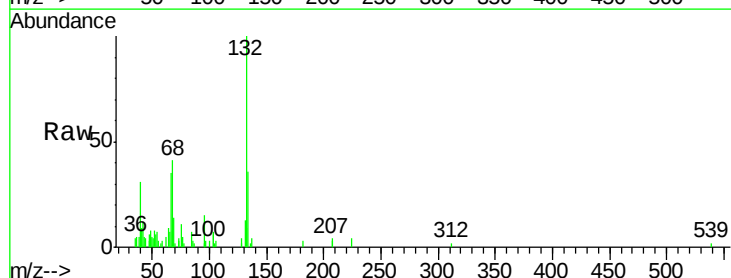
Tgt Ion: 128 Resp: 298

Ion Ratio Lower Upper

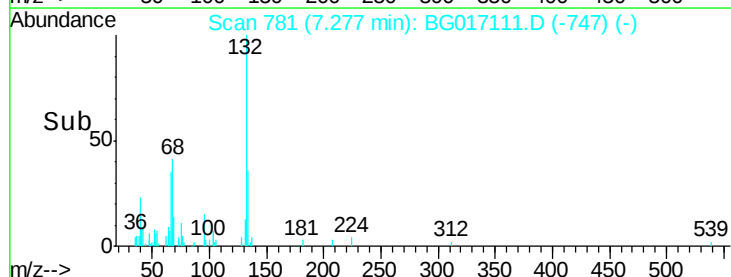
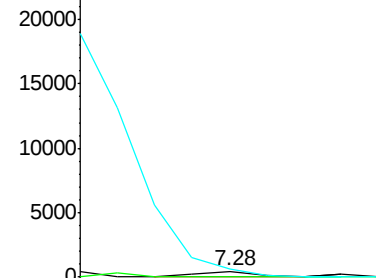
128 100

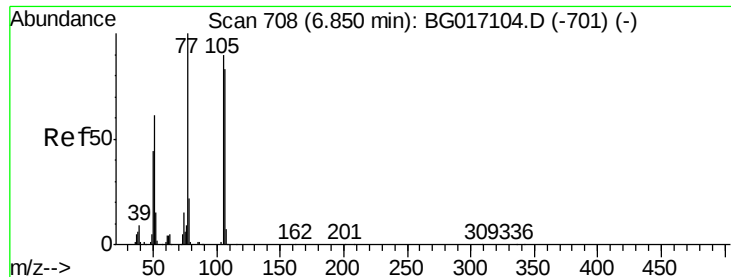
130 0.0 13.3 53.3#

64 153.3 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: Below Cal

RT: 6.84 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

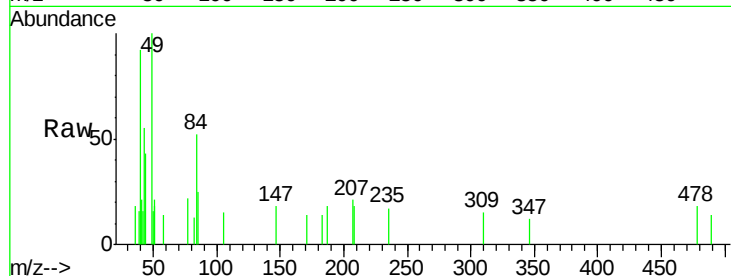
Tgt Ion: 77 Resp: 217

Ion Ratio Lower Upper

77 100

105 68.7 69.5 109.5#

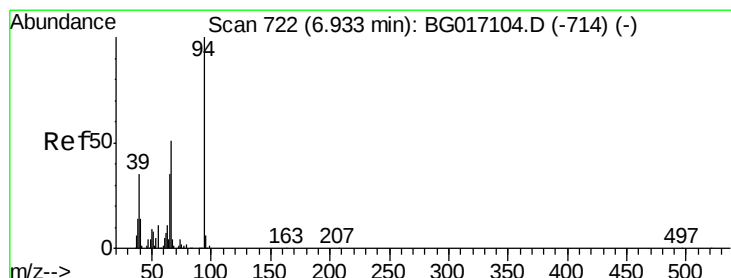
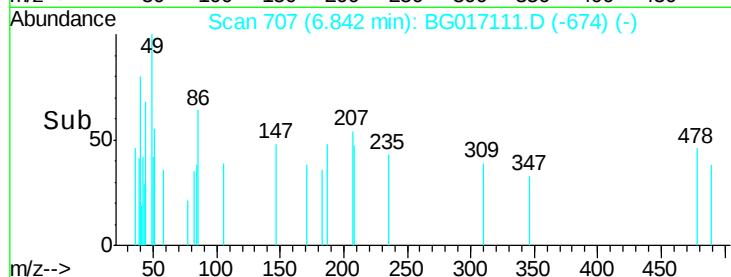
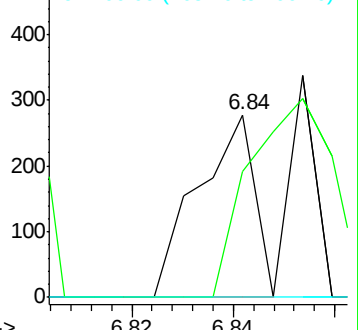
106 0.0 63.4 103.4#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 0.09 ng

RT: 6.93 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

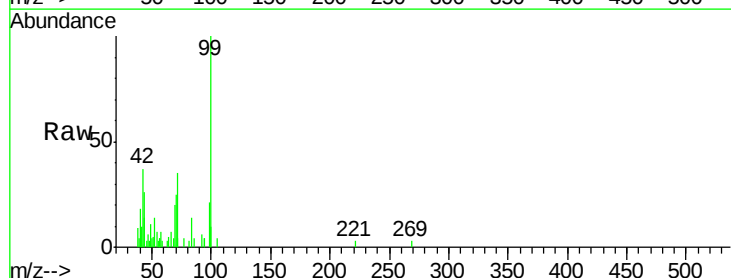
Tgt Ion: 94 Resp: 324

Ion Ratio Lower Upper

94 100

65 0.0 15.0 55.0#

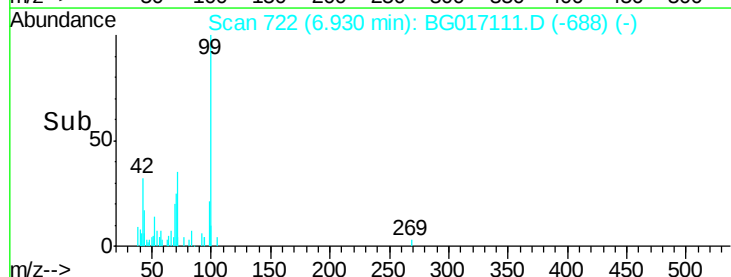
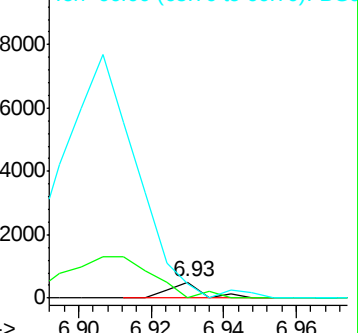
66 85.7 32.1 72.1#

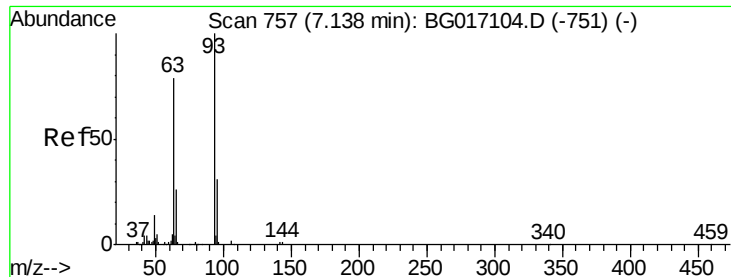


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

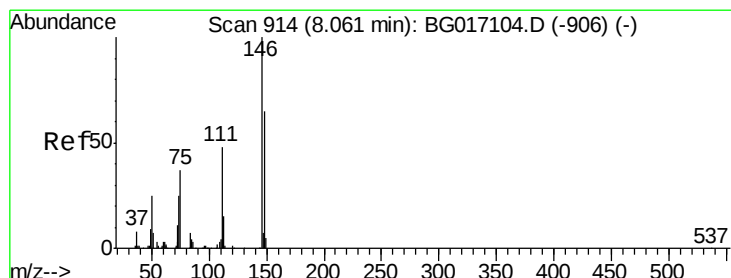
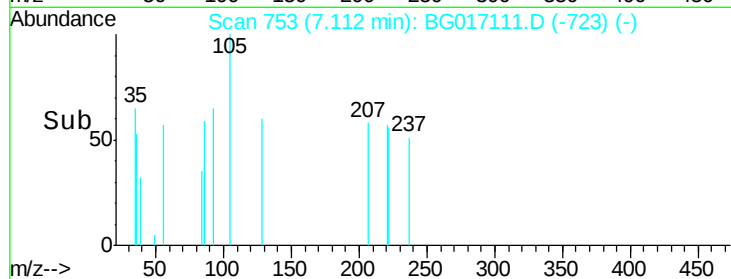
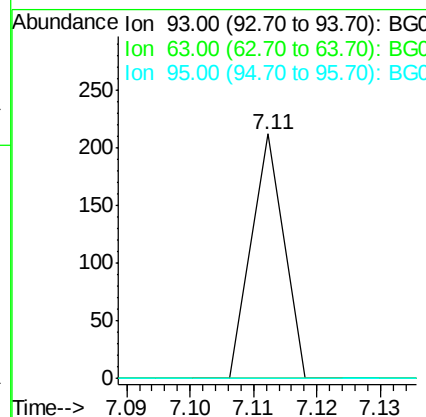
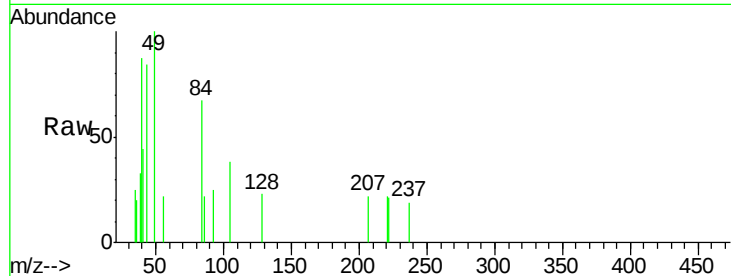




#11
bis(2-Chloroethyl)ether
Concen: 0.03 ng
RT: 7.11 min Scan# 753
Delta R.T. -0.03 min
Lab File: BG017111.D
Acq: 13 May 2015 17:28

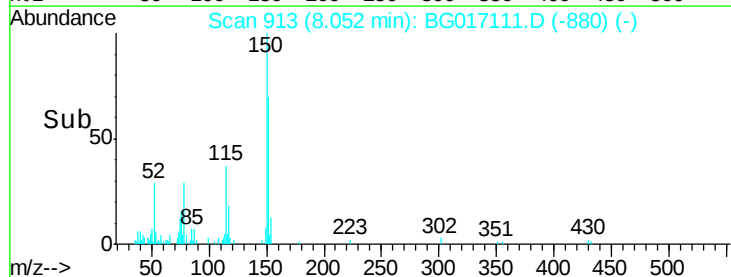
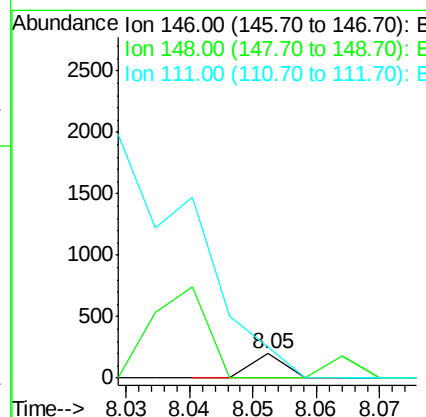
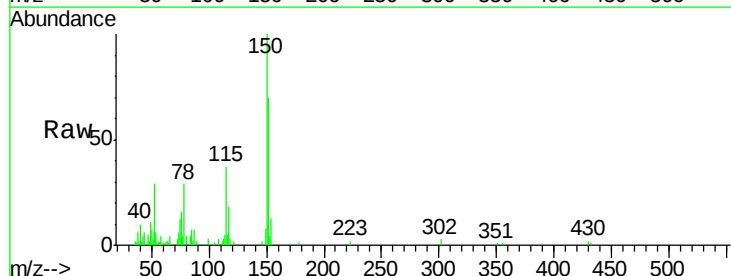
Instrument :
BNA_G
ClientSampleId :
TU021-TW-02

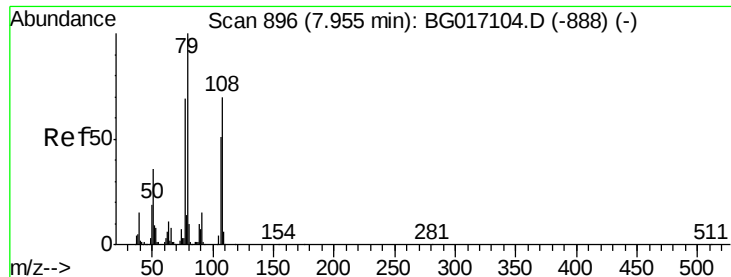
Tgt Ion: 93 Resp: 75
Ion Ratio Lower Upper
93 100
63 0.0 58.5 98.5#
95 0.0 11.0 51.0#



#14
1,2-Dichlorobenzene
Concen: 0.02 ng
RT: 8.05 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG017111.D
Acq: 13 May 2015 17:28

Tgt Ion: 146 Resp: 69
Ion Ratio Lower Upper
146 100
148 0.0 52.3 78.5#
111 128.9 39.0 58.4#





#15

Benzyl Alcohol

Concen: 0.06 ng

RT: 7.96 min Scan# 898

Delta R.T. 0.01 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

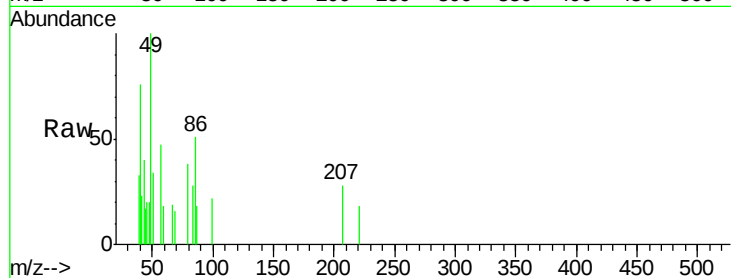
Tgt Ion: 79 Resp: 206

Ion Ratio Lower Upper

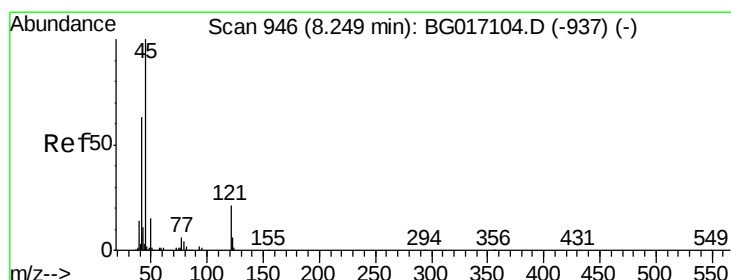
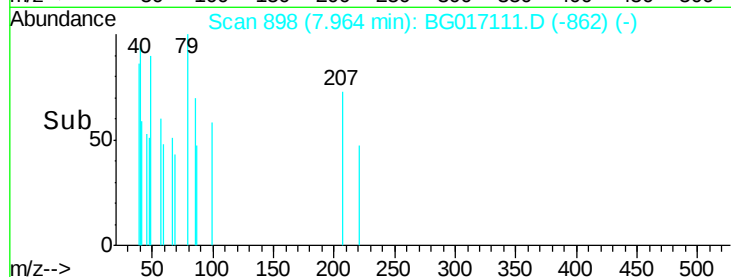
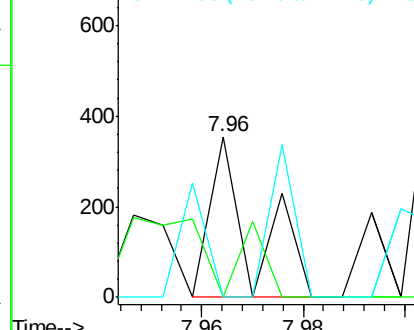
79 100

108 0.0 55.8 83.6#

77 0.0 55.4 83.0#



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.02 ng

RT: 8.26 min Scan# 948

Delta R.T. 0.01 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

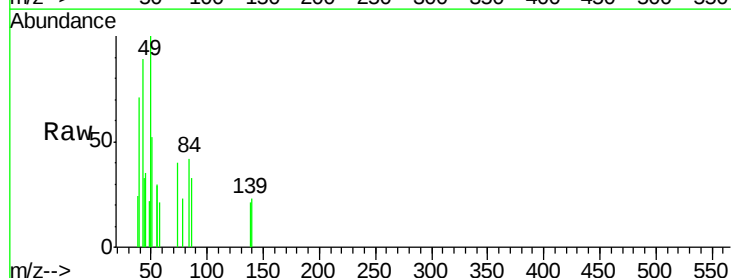
Tgt Ion: 45 Resp: 88

Ion Ratio Lower Upper

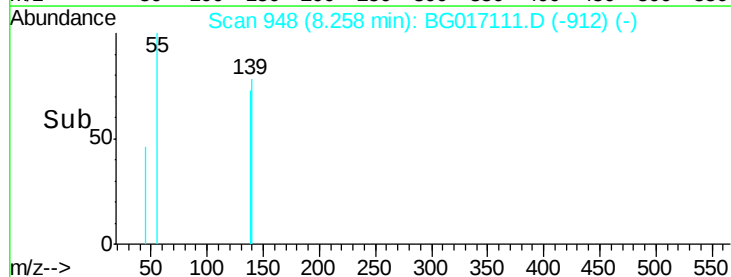
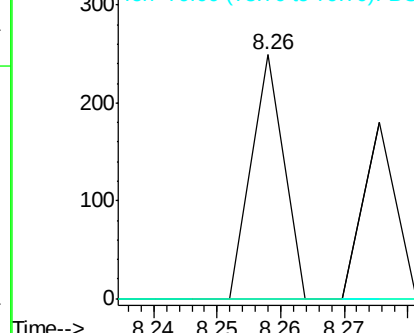
45 100

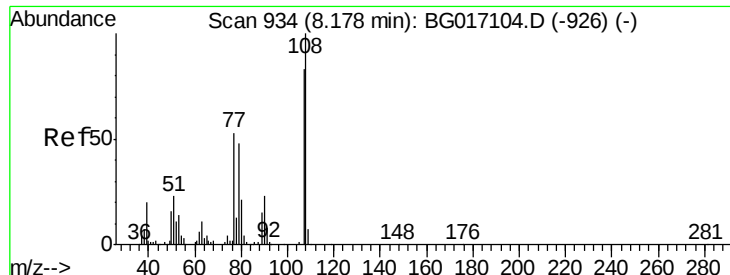
77 0.0 0.0 32.5

79 0.0 0.0 29.4



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

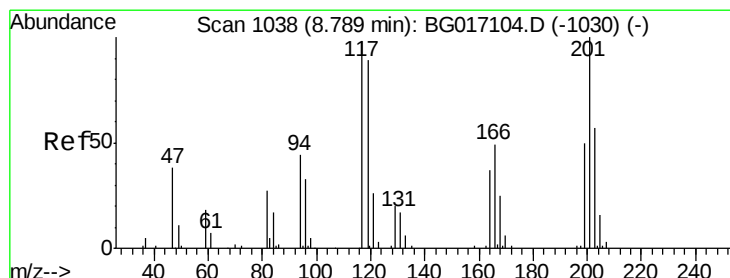
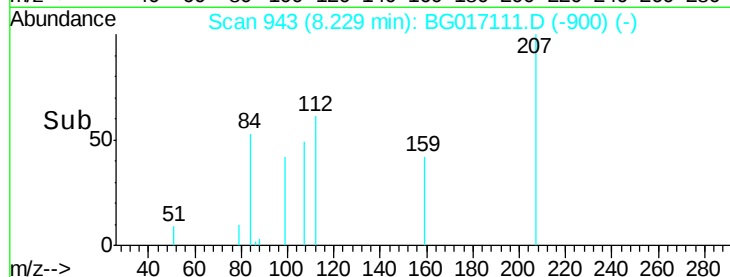
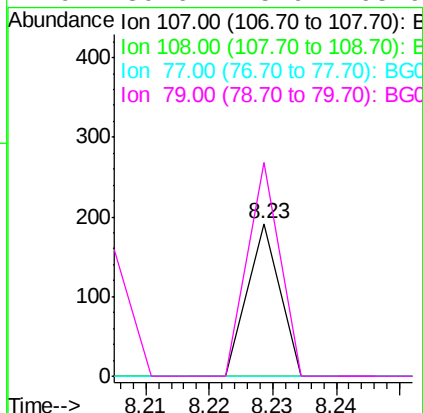
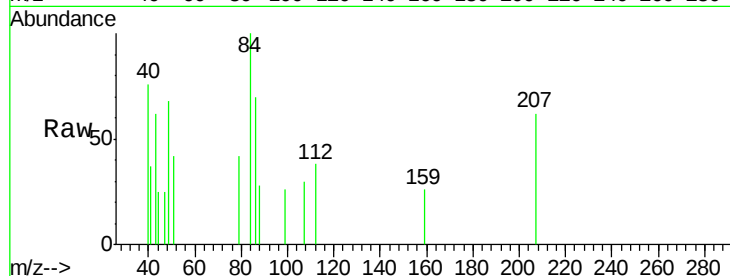




#17
2-Methylphenol
Concen: 0.03 ng
RT: 8.23 min Scan# 943
Delta R.T. 0.05 min
Lab File: BG017111.D
Acq: 13 May 2015 17:28

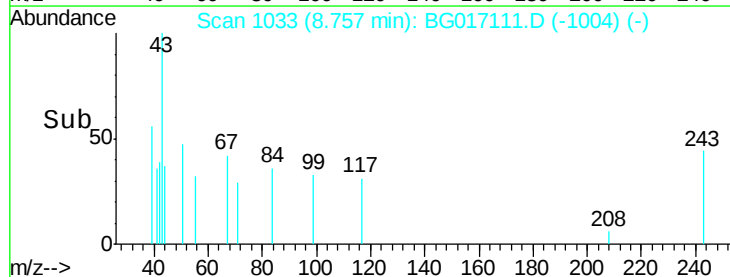
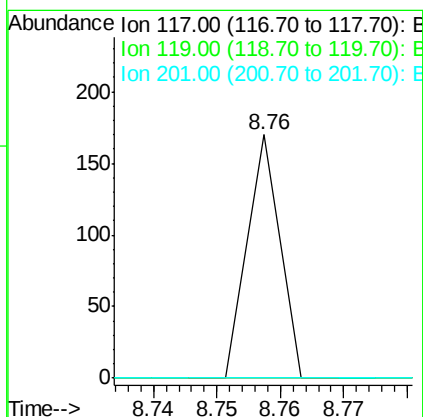
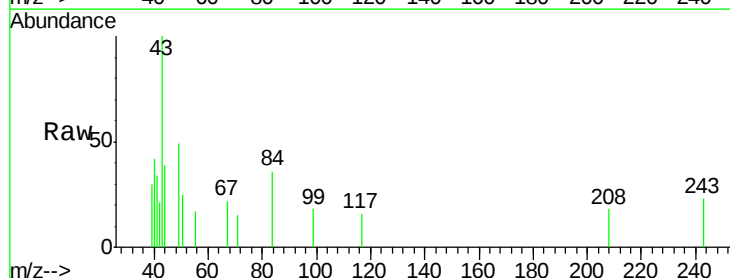
Instrument :
BNA_G
ClientSampleId :
TU021-TW-02

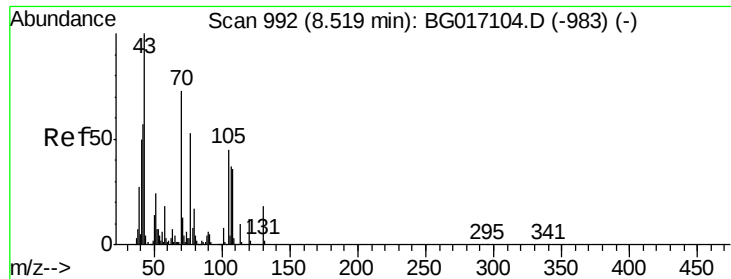
Tgt Ion	Ratio	Lower	Upper
107	100		
108	0.0	96.6	144.8#
77	0.0	51.2	76.8#
79	139.6	45.9	68.9#



#18
Hexachloroethane
Concen: 0.04 ng
RT: 8.76 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BG017111.D
Acq: 13 May 2015 17:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.0	109.6#
201	0.0	81.7	122.5#

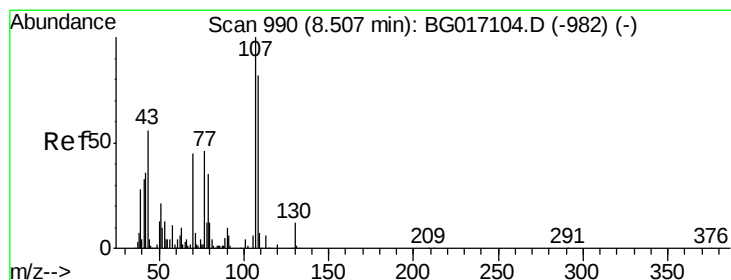
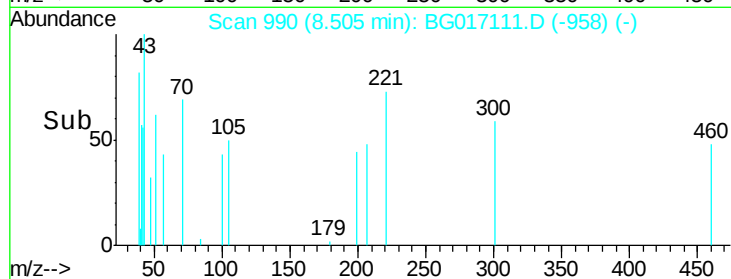
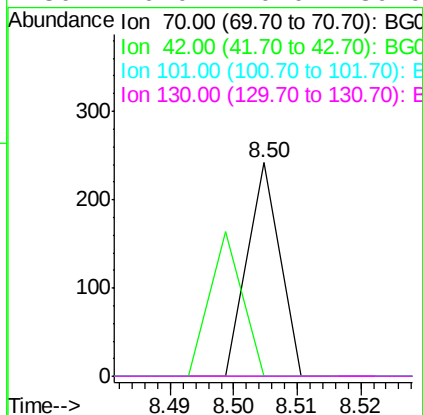
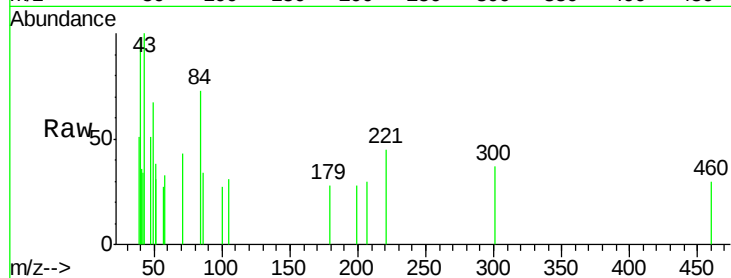




#19
n-Nitroso-di-n-propylamine
Concen: 0.03 ng
RT: 8.50 min Scan# 990
Delta R.T. -0.01 min
Lab File: BG017111.D
Acq: 13 May 2015 17:28

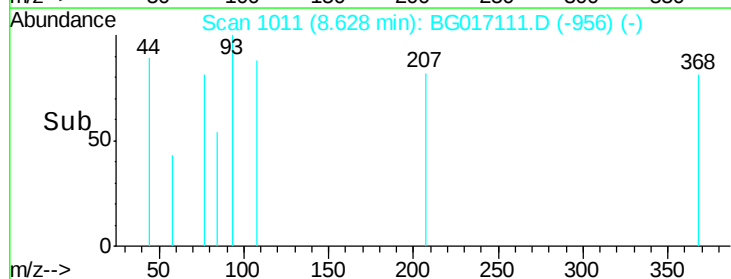
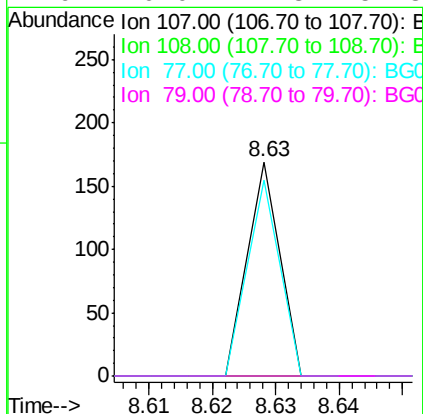
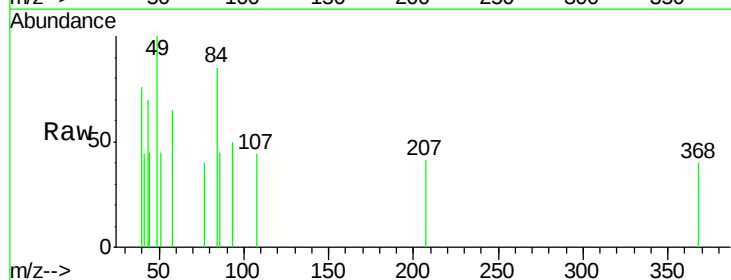
Instrument :
BNA_G
ClientSampleId :
TU021-TW-02

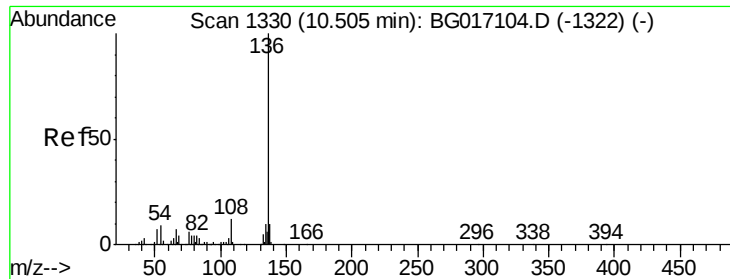
Tgt Ion:	70	Resp:	85
Ion	Ratio	Lower	Upper
70	100		
42	0.0	62.6	94.0#
101	0.0	9.0	13.4#
130	0.0	20.0	30.0#



#20
3+4-Methylphenols
Concen: 0.02 ng
RT: 8.63 min Scan# 1011
Delta R.T. 0.12 min
Lab File: BG017111.D
Acq: 13 May 2015 17:28

Tgt Ion:	107	Resp:	60
Ion	Ratio	Lower	Upper
107	100		
108	0.0	62.2	102.2#
77	91.7	26.0	66.0#
79	0.0	14.8	54.8#

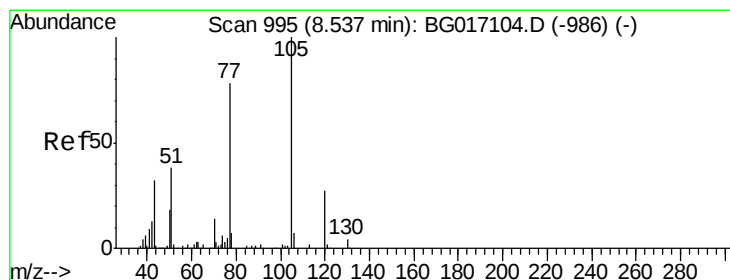
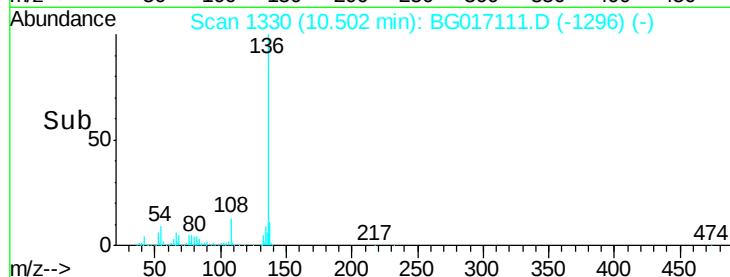
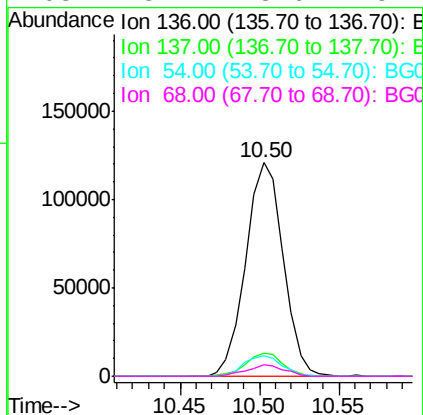
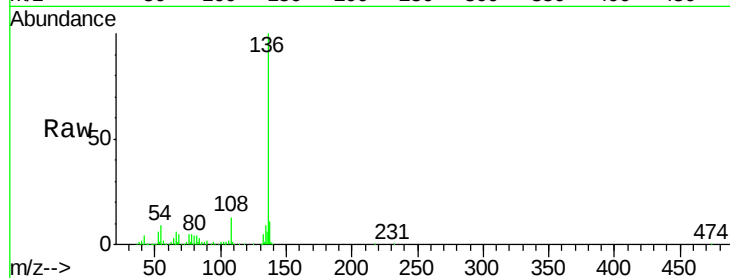




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.50 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG017111.D
Acq: 13 May 2015 17:28

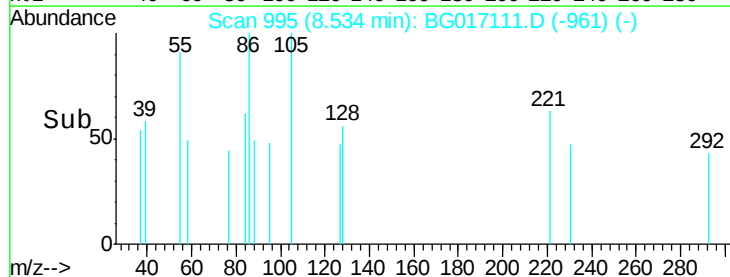
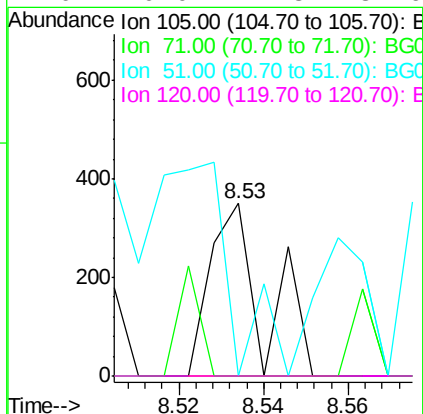
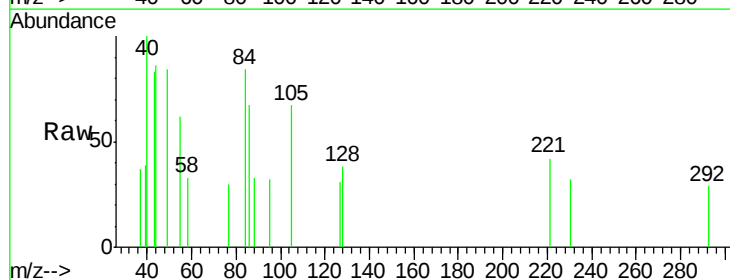
Instrument :
BNA_G
ClientSampleId :
TU021-TW-02

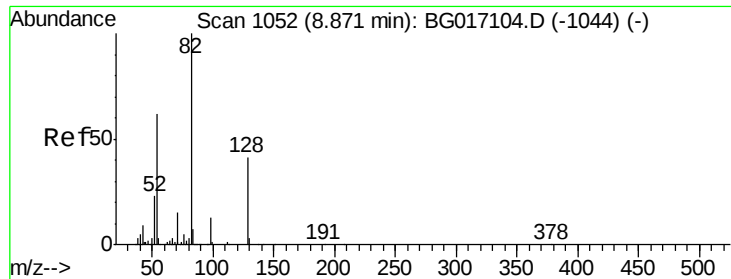
Tgt Ion:	136	Resp:	197976
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.3	12.5
54	9.4	7.4	11.2
68	5.4	3.6	5.4#



#22
Acetophenone
Concen: 0.06 ng
RT: 8.53 min Scan# 995
Delta R.T. -0.00 min
Lab File: BG017111.D
Acq: 13 May 2015 17:28

Tgt Ion:	105	Resp:	311
Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.2	3.4#
51	0.0	32.8	49.2#
120	0.0	21.8	32.6#

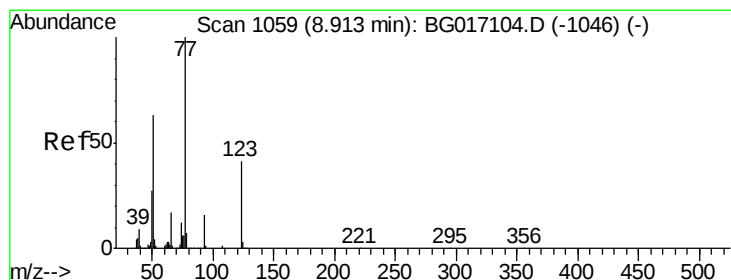
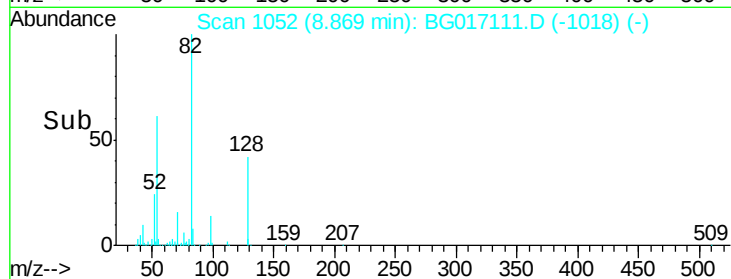
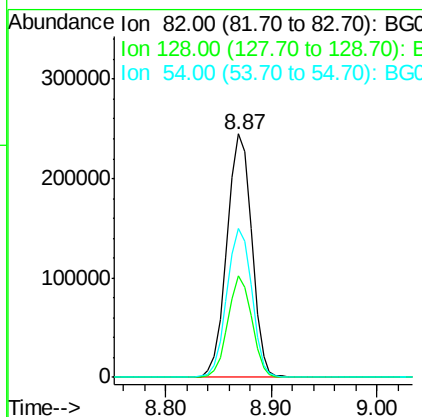
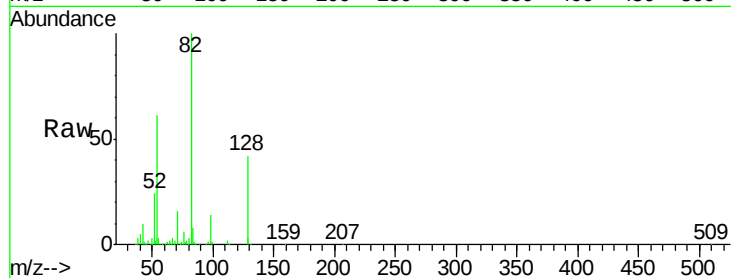




#23
 Nitrobenzene-d5
 Concen: 93.68 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BG017111.D
 Acq: 13 May 2015 17:28

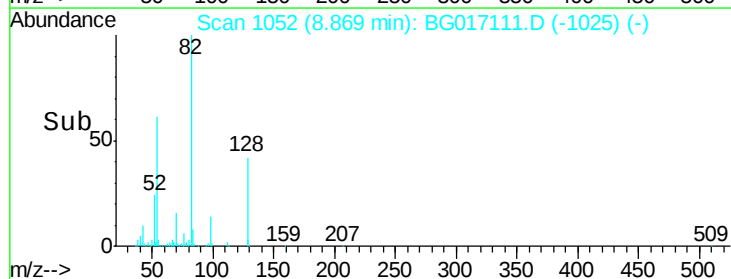
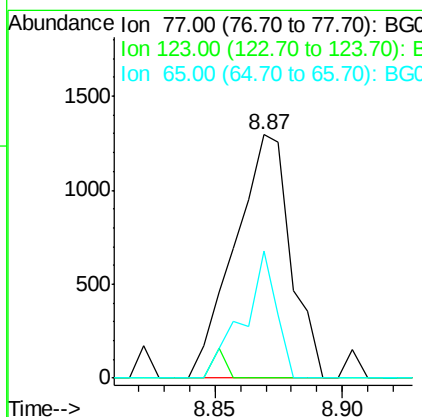
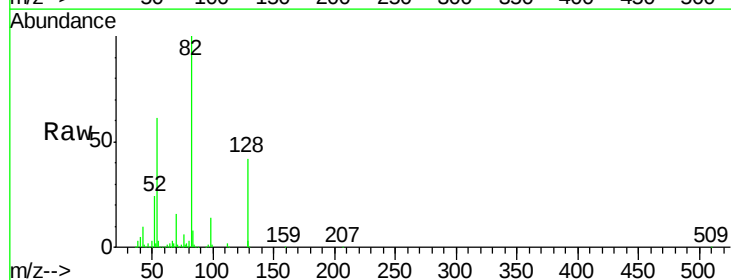
Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-02

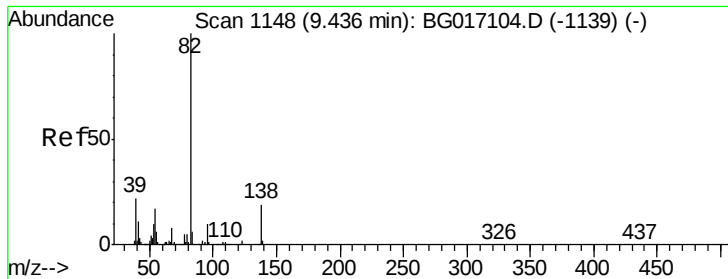
Tgt Ion: 82 Resp: 397252
 Ion Ratio Lower Upper
 82 100
 128 41.6 32.6 49.0
 54 61.4 49.6 74.4



#24
 Nitrobenzene
 Concen: 0.48 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. -0.04 min
 Lab File: BG017111.D
 Acq: 13 May 2015 17:28

Tgt Ion: 77 Resp: 1989
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.4#
 65 52.4 13.3 19.9#





#25

Isophorone

Concen: 0.01 ng

RT: 9.43 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

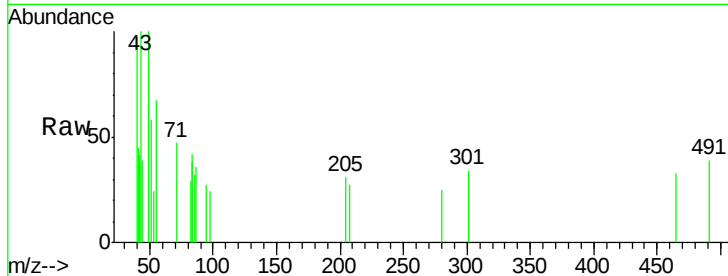
Tgt Ion: 82 Resp: 65

Ion Ratio Lower Upper

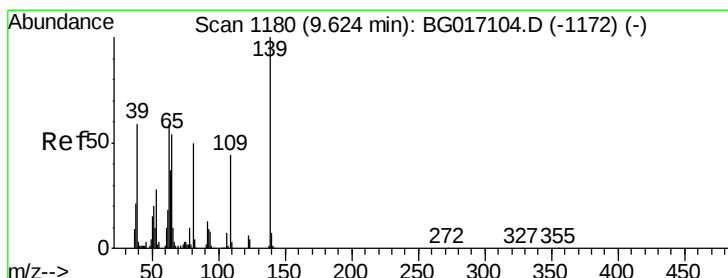
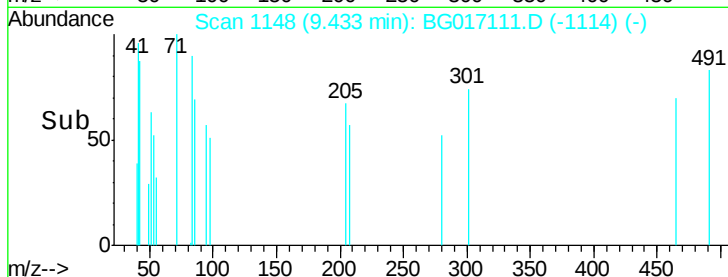
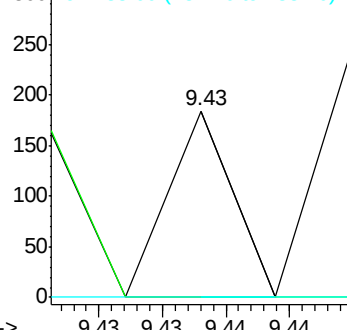
82 100

95 0.0 7.7 11.5#

138 0.0 15.0 22.6#



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



#26

2-Nitrophenol

Concen: 0.04 ng

RT: 9.76 min Scan# 1204

Delta R.T. 0.14 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

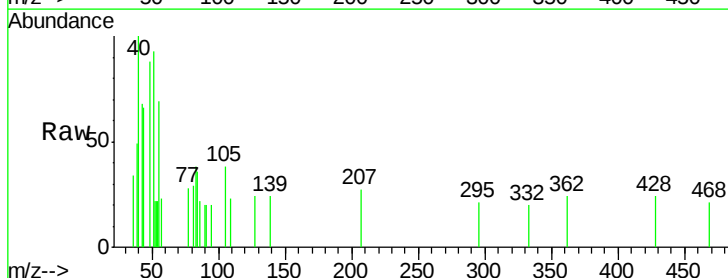
Tgt Ion: 139 Resp: 66

Ion Ratio Lower Upper

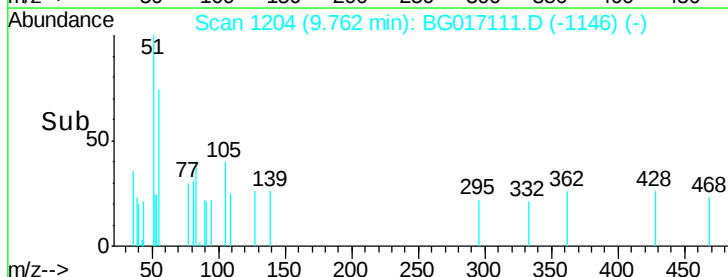
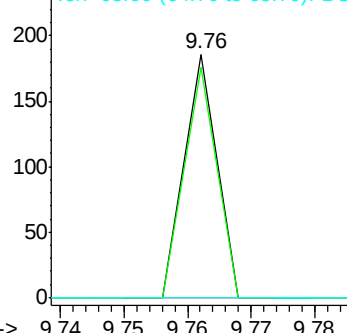
139 100

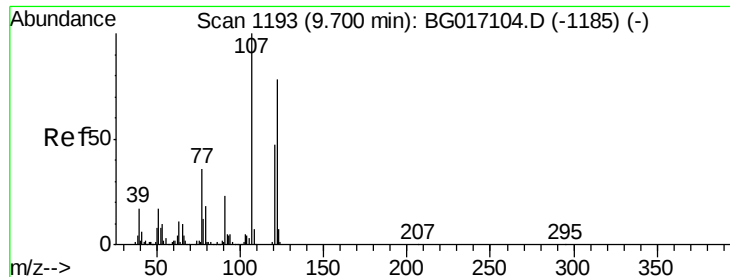
109 94.6 34.9 52.3#

65 0.0 43.0 64.4#



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

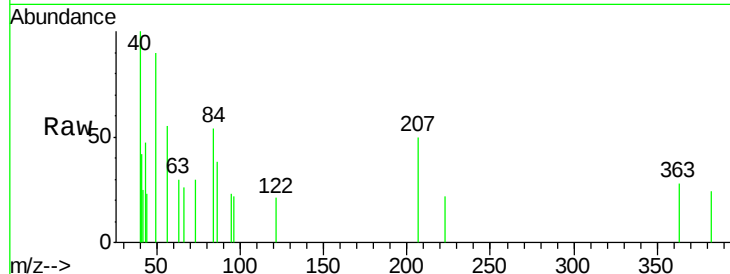




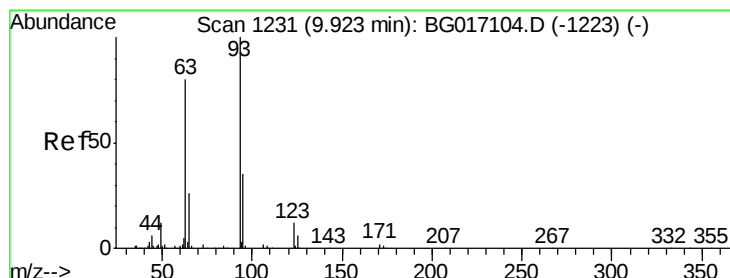
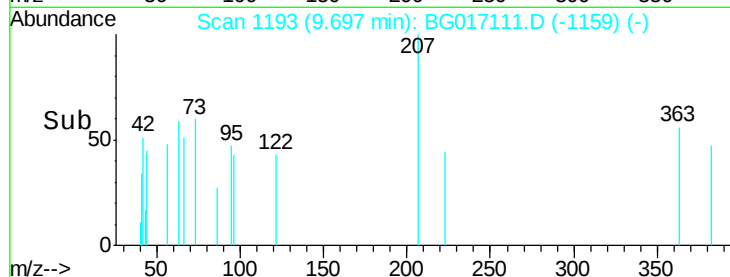
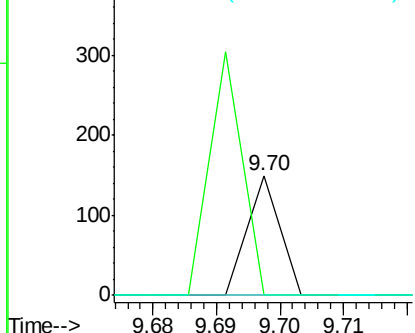
#27
2,4-Dimethylphenol
Concen: 0.02 ng
RT: 9.70 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG017111.D
Acq: 13 May 2015 17:28

Instrument :
BNA_G
ClientSampleId :
TU021-TW-02

Tgt Ion	Ratio	Lower	Upper
122	100		
107	0.0	102.3	153.5#
121	100.0	48.7	73.1#

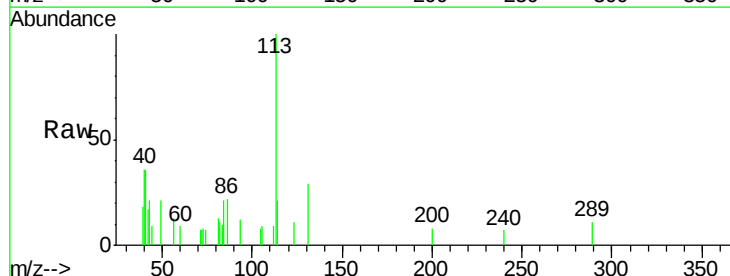


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

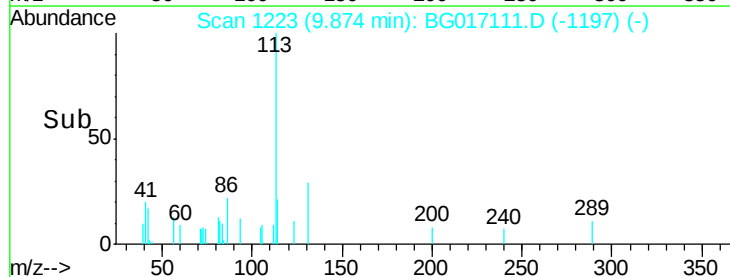
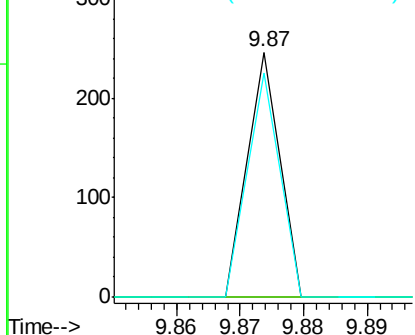


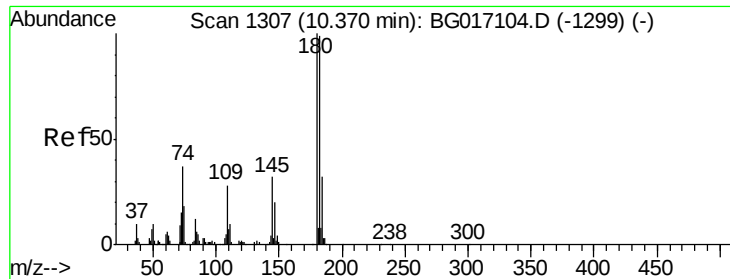
#28
bis(2-Chloroethoxy)methane
Concen: 0.02 ng
RT: 9.87 min Scan# 1223
Delta R.T. -0.05 min
Lab File: BG017111.D
Acq: 13 May 2015 17:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	0.0	28.0	42.0#
123	91.5	10.3	15.5#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

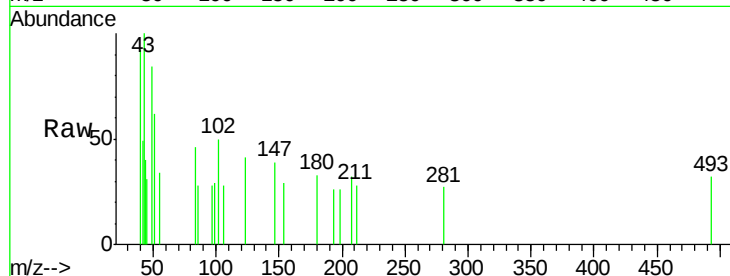




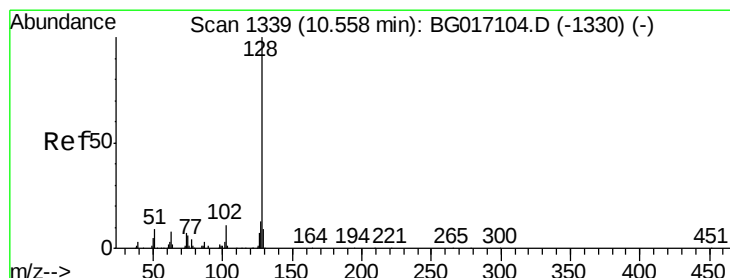
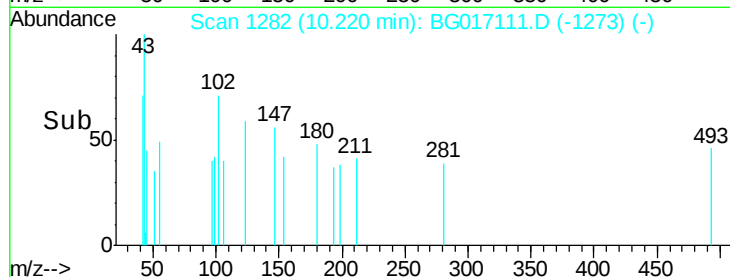
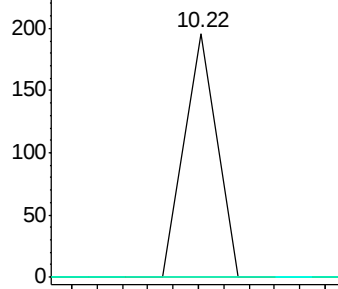
#30
 1,2,4-Trichlorobenzene
 Concen: 0.02 ng
 RT: 10.22 min Scan# 1282
 Delta R.T. -0.15 min
 Lab File: BG017111.D
 Acq: 13 May 2015 17:28

Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-02

Tgt Ion:180 Resp: 69
 Ion Ratio Lower Upper
 180 100
 182 0.0 79.4 119.0#
 145 0.0 25.3 37.9#

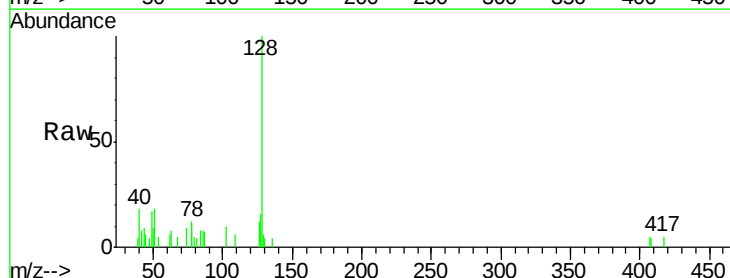


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

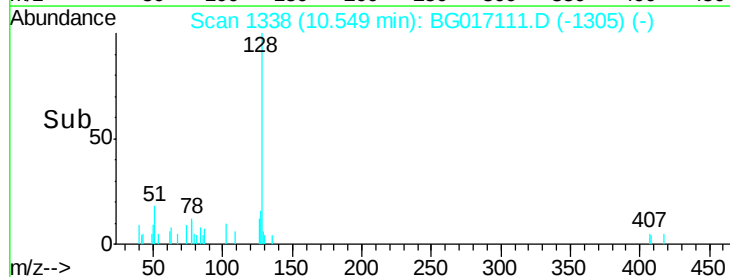
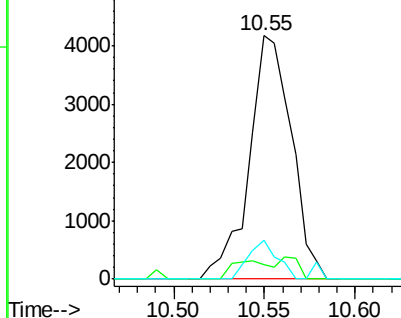


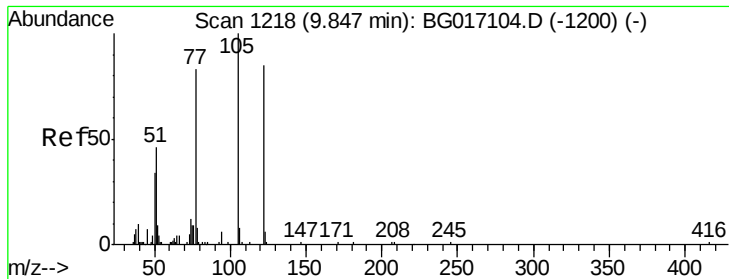
#31
 Naphthalene
 Concen: 0.70 ng
 RT: 10.55 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BG017111.D
 Acq: 13 May 2015 17:28

Tgt Ion:128 Resp: 6762
 Ion Ratio Lower Upper
 128 100
 129 5.8 7.6 11.4#
 127 15.7 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

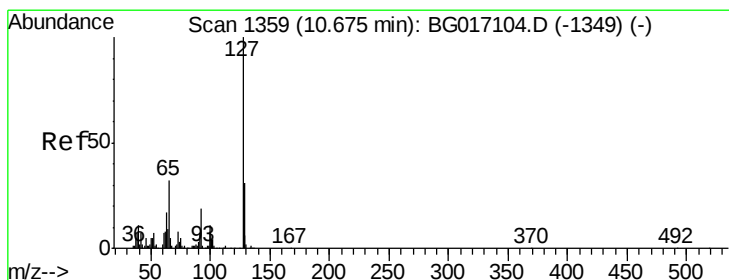
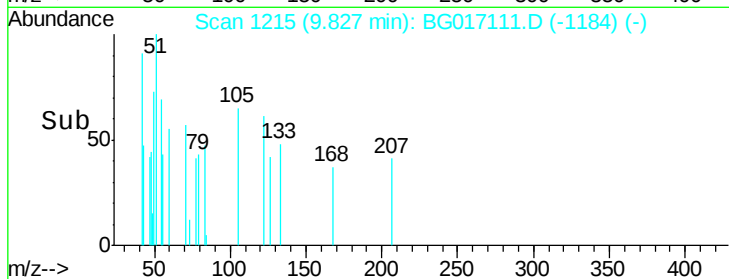
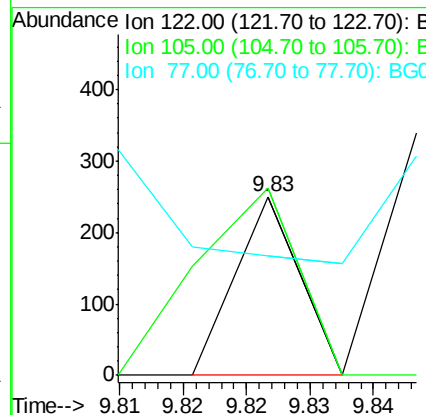
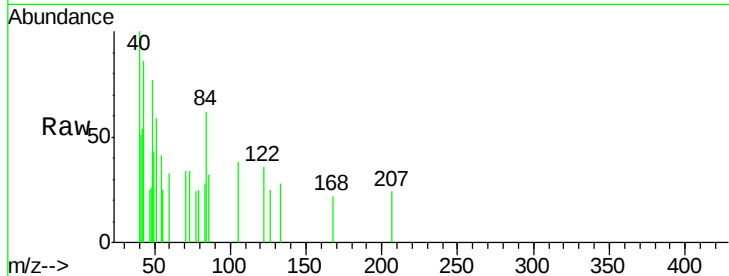




#32
Benzoic acid
Concen: 0.04 ng
RT: 9.83 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BG017111.D
Acq: 13 May 2015 17:28

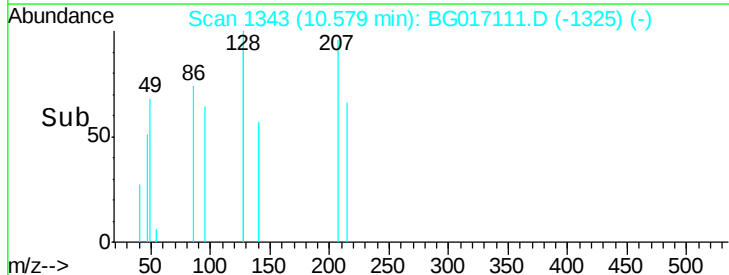
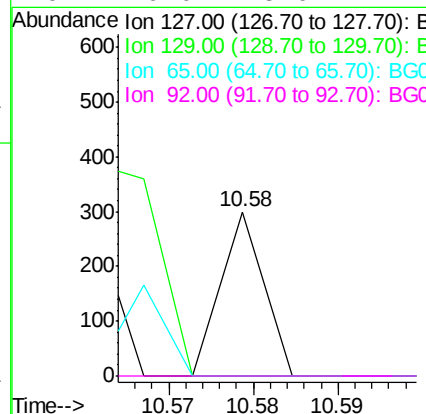
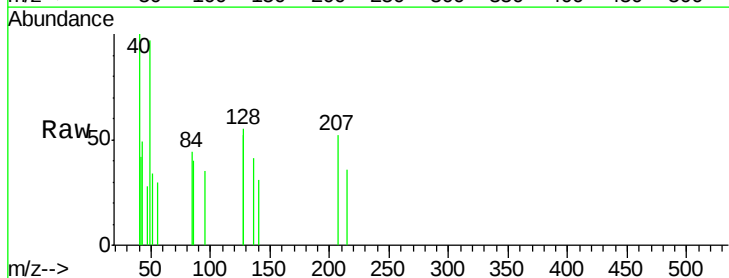
Instrument :
BNA_G
ClientSampleId :
TU021-TW-02

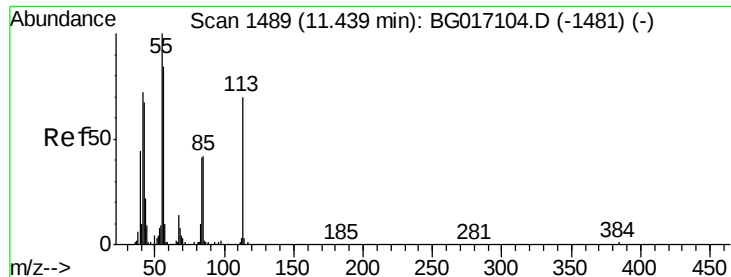
Tgt Ion:122 Resp: 88
Ion Ratio Lower Upper
122 100
105 105.2 96.7 136.7
77 66.8 78.5 118.5#



#33
4-Chloroaniline
Concen: 0.02 ng
RT: 10.58 min Scan# 1343
Delta R.T. -0.10 min
Lab File: BG017111.D
Acq: 13 May 2015 17:28

Tgt Ion:127 Resp: 106
Ion Ratio Lower Upper
127 100
129 0.0 24.8 37.2#
65 0.0 25.8 38.6#
92 0.0 15.0 22.4#





#35

Caprolactam

Concen: 0.05 ng

RT: 11.42 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

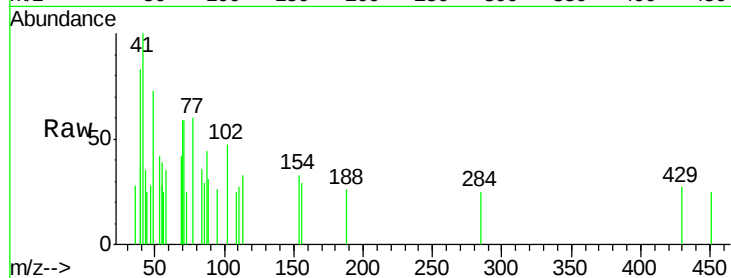
Tgt Ion:113 Resp: 73

Ion Ratio Lower Upper

113 100

55 200.5 124.1 164.1#

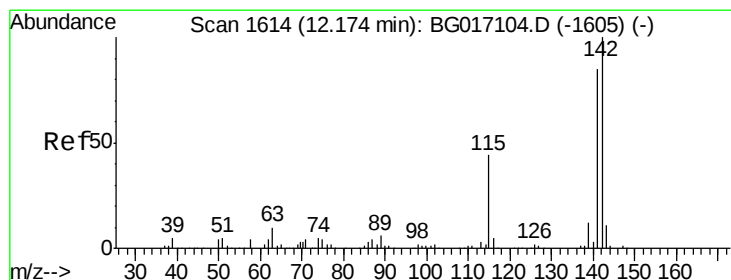
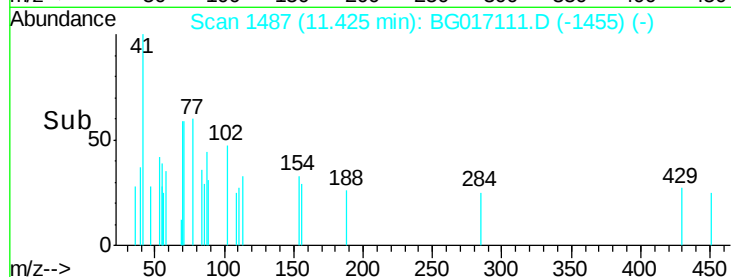
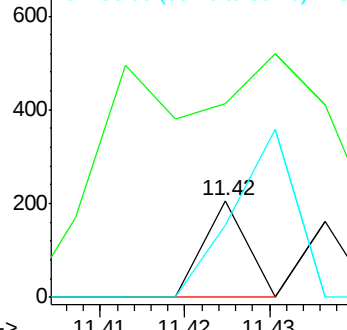
56 74.8 100.3 140.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG017104.D

Ion 56.00 (55.70 to 56.70): BG017104.D



#37

2-Methylnaphthalene

Concen: 0.09 ng

RT: 12.18 min Scan# 1616

Delta R.T. 0.01 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

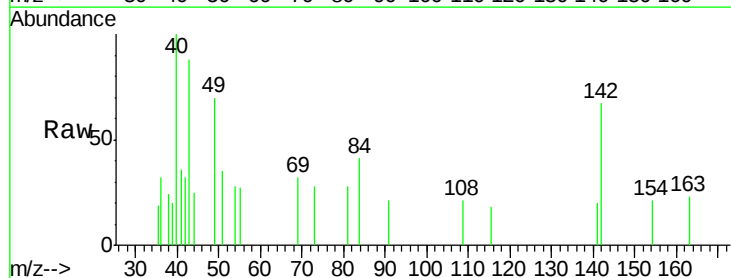
Tgt Ion:142 Resp: 658

Ion Ratio Lower Upper

142 100

141 29.3 68.2 102.2#

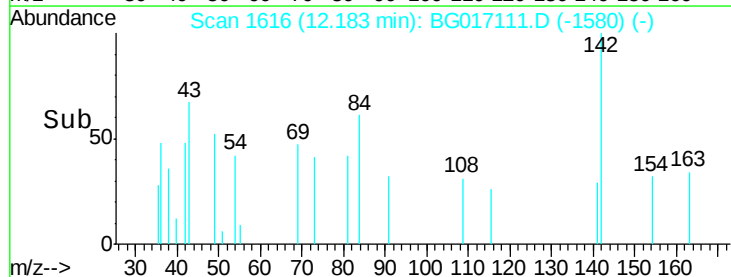
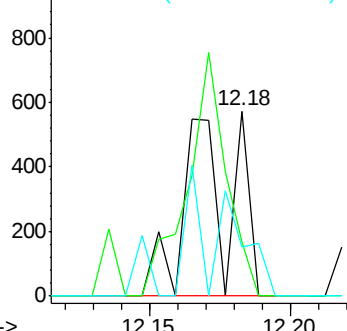
115 26.4 35.6 53.4#

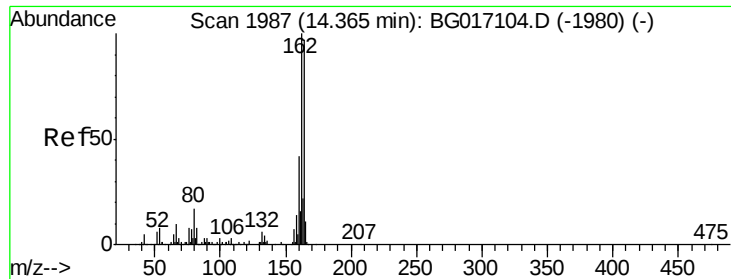


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): BG017104.D

Ion 115.00 (114.70 to 115.70): BG017104.D





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.36 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

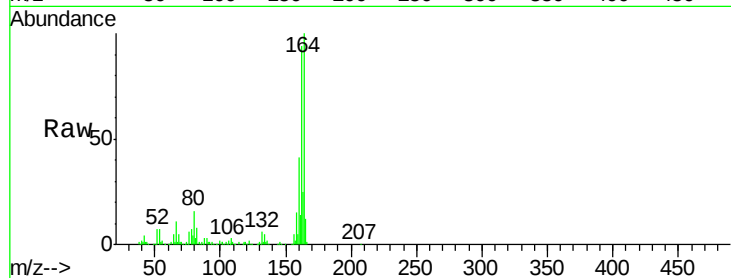
Tgt Ion:164 Resp: 131804

Ion Ratio Lower Upper

164 100

162 94.2 82.1 123.1

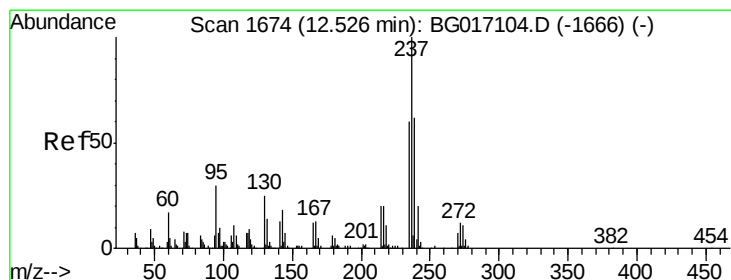
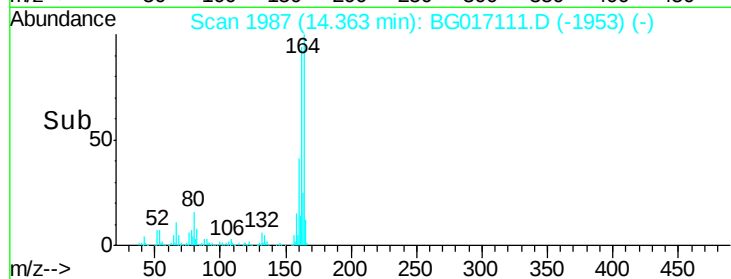
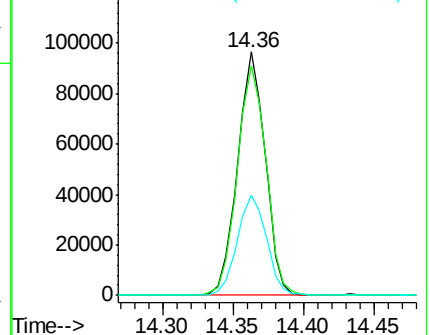
160 41.3 34.8 52.2



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



#40

Hexachlorocyclopentadiene

Concen: 0.02 ng

RT: 12.56 min Scan# 1681

Delta R.T. 0.04 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

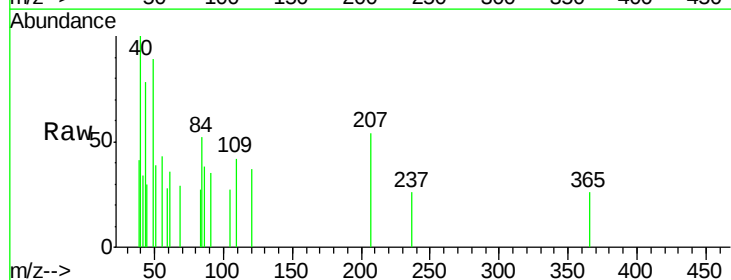
Tgt Ion:237 Resp: 53

Ion Ratio Lower Upper

237 100

235 0.0 39.7 79.7#

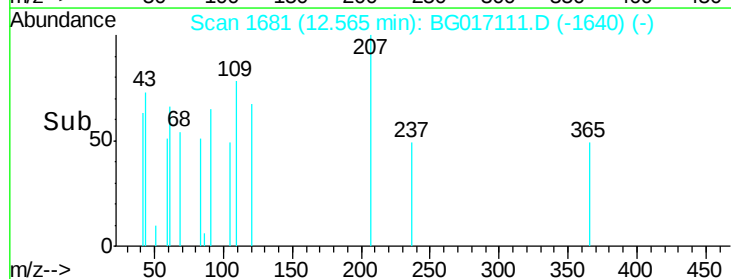
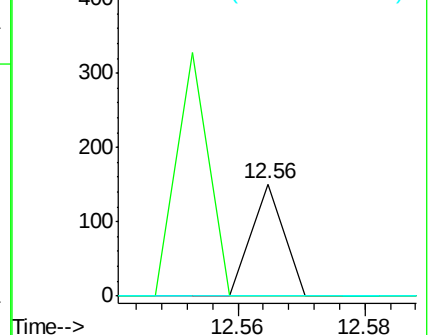
272 0.0 0.0 32.1

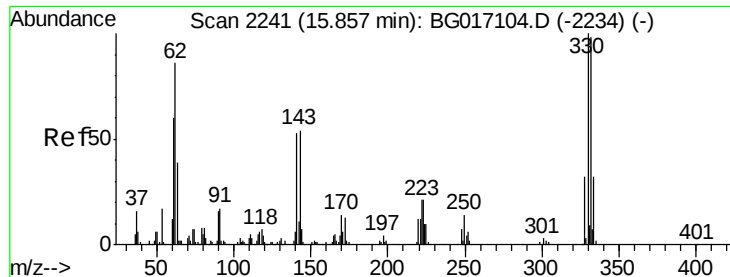


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

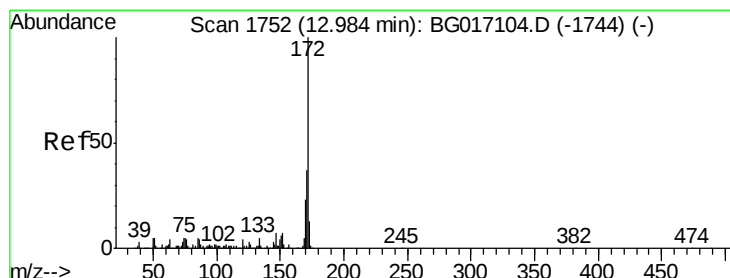
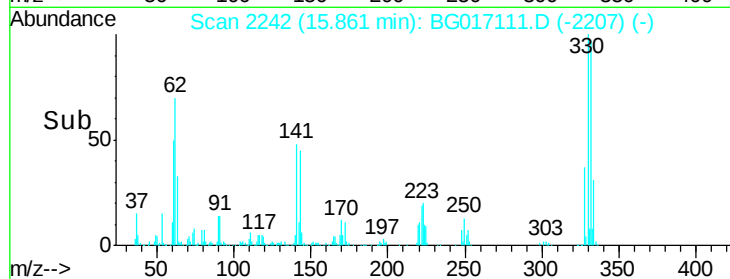
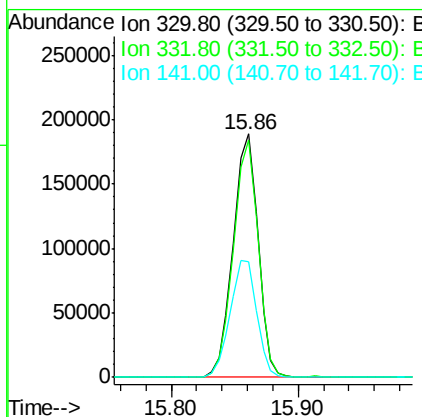
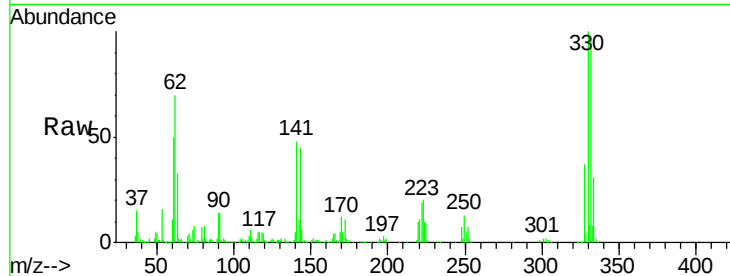




#41
 2,4,6-Tribromophenol
 Concen: 161.90 ng
 RT: 15.86 min Scan# 2242
 Delta R.T. 0.00 min
 Lab File: BG017111.D
 Acq: 13 May 2015 17:28

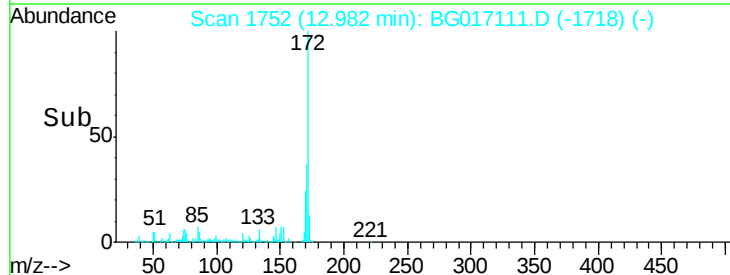
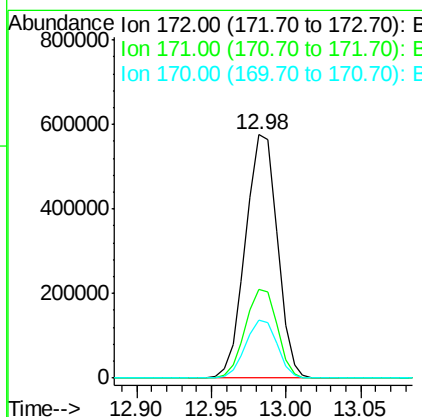
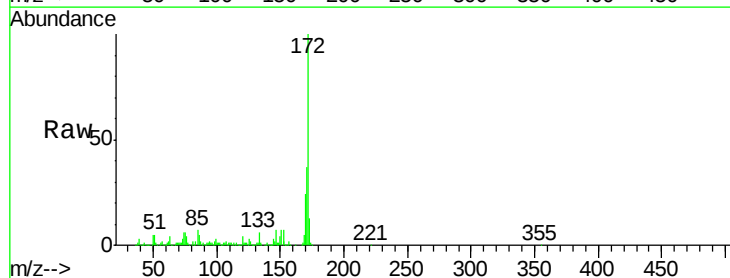
Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-02

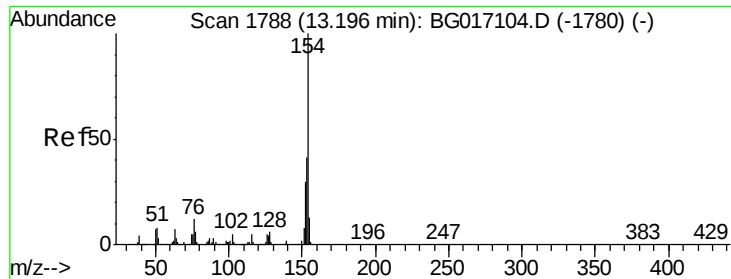
Tgt Ion:330 Resp: 257950
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.9 115.3
 141 50.8 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 94.84 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017111.D
 Acq: 13 May 2015 17:28

Tgt Ion:172 Resp: 851925
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.7 18.4 27.6

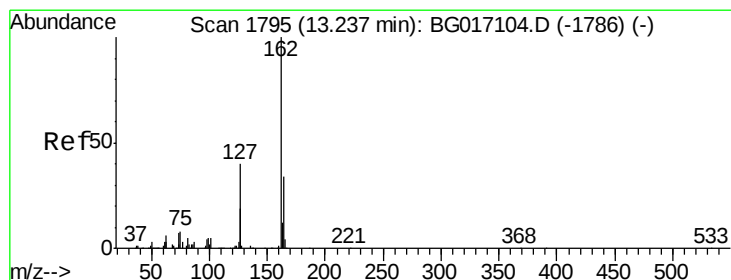
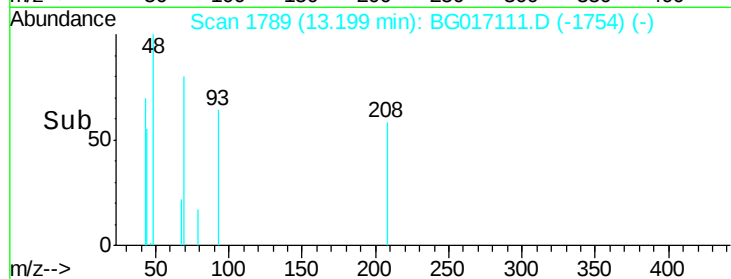
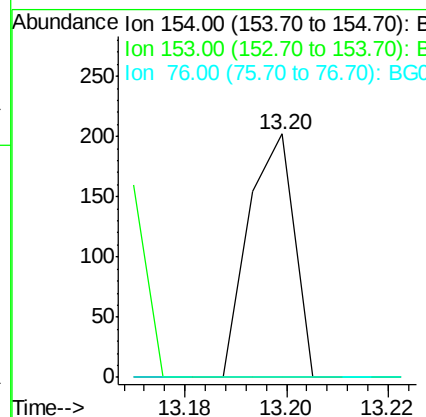
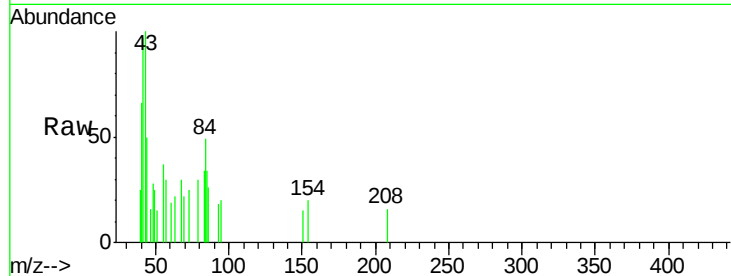




#45
 1,1'-Biphenyl
 Concen: 0.01 ng
 RT: 13.20 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: BG017111.D
 Acq: 13 May 2015 17:28

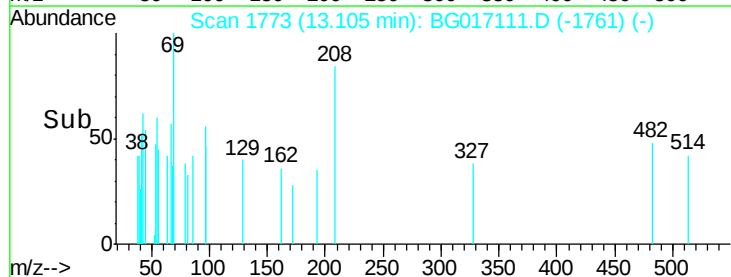
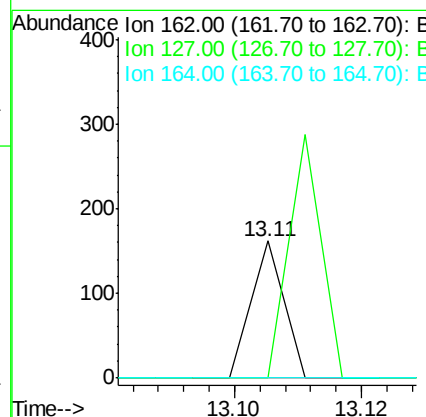
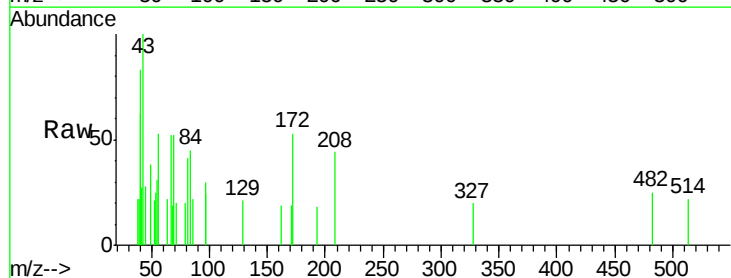
Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-02

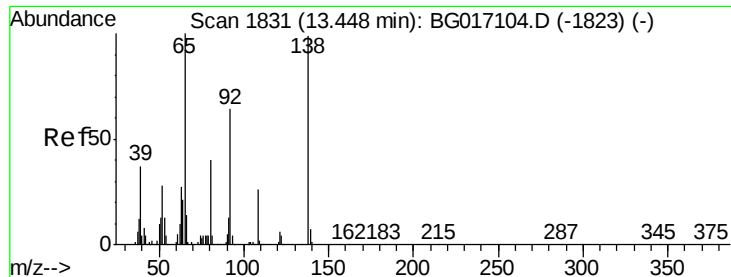
Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	21.5	61.5#
76	0.0	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 0.01 ng
 RT: 13.11 min Scan# 1773
 Delta R.T. -0.13 min
 Lab File: BG017111.D
 Acq: 13 May 2015 17:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.5	50.3#
164	0.0	27.0	40.6#

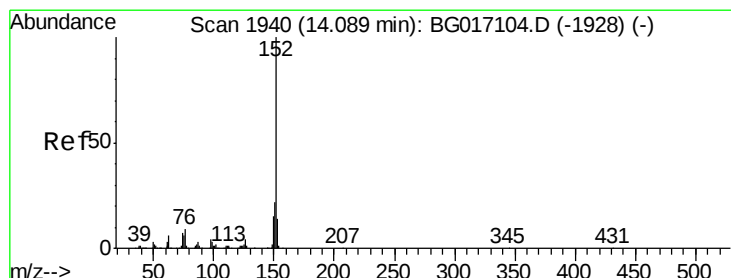
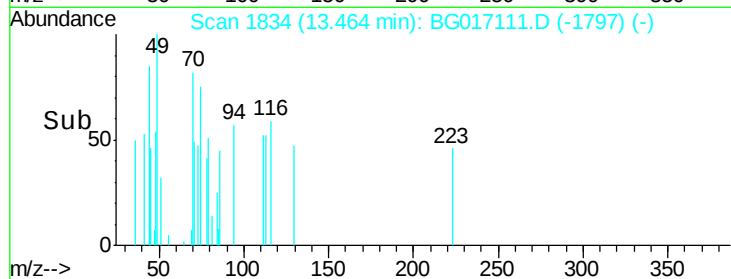
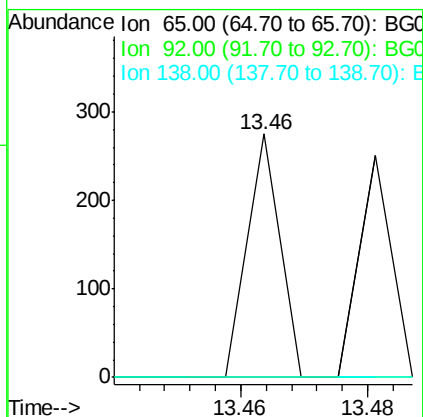
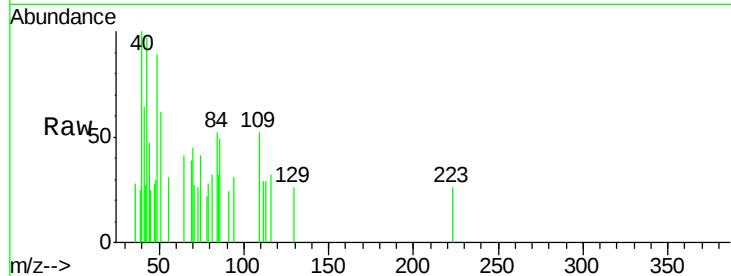




#47
 2-Nitroaniline
 Concen: 0.03 ng
 RT: 13.46 min Scan# 1834
 Delta R.T. 0.02 min
 Lab File: BG017111.D
 Acq: 13 May 2015 17:28

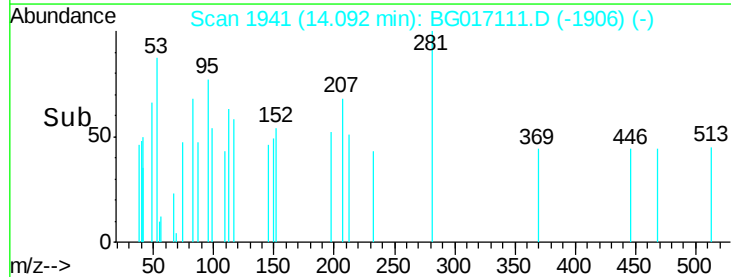
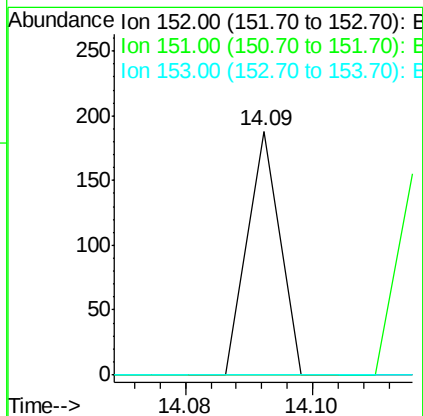
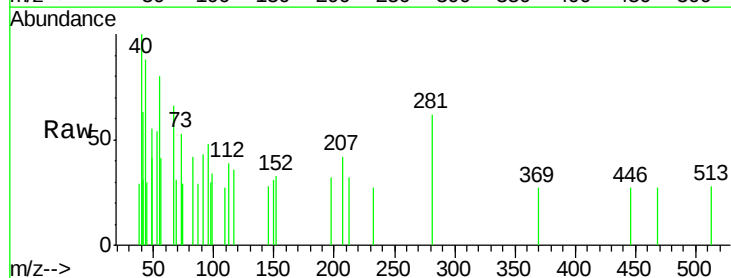
Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-02

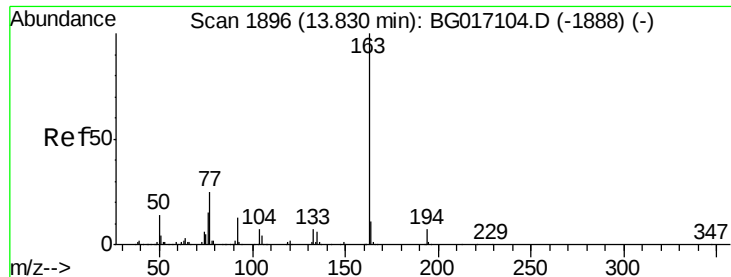
Tgt Ion	Ratio	Lower	Upper
65	100		
92	0.0	51.0	76.4#
138	0.0	79.3	118.9#



#48
 Acenaphthylene
 Concen: 0.01 ng
 RT: 14.09 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: BG017111.D
 Acq: 13 May 2015 17:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.2	25.8#
153	0.0	10.8	16.2#





#49

Dimethylphthalate

Concen: 1.07 ng

RT: 13.82 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

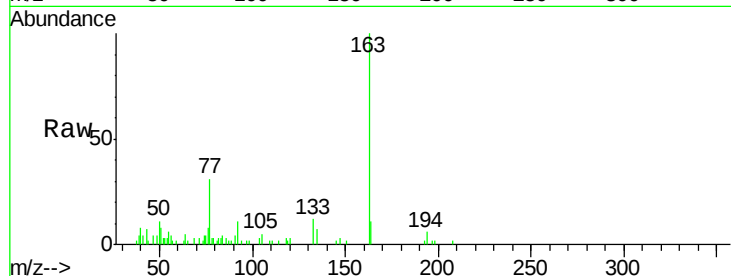
Tgt Ion:163 Resp: 11024

Ion Ratio Lower Upper

163 100

194 5.9 5.6 8.4

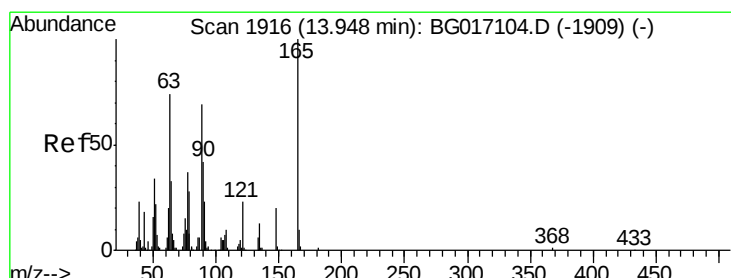
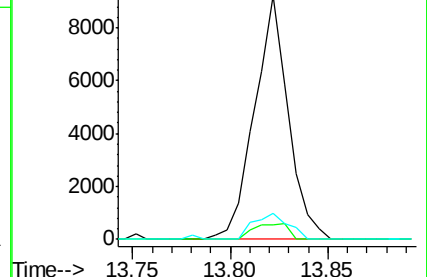
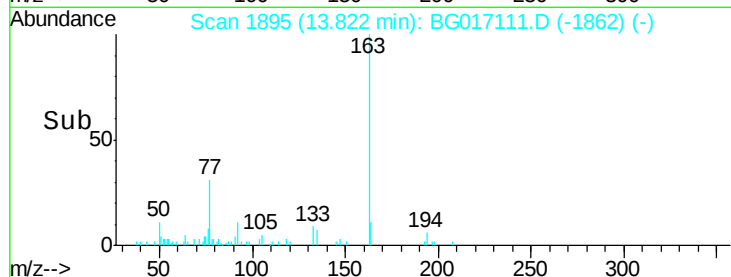
164 10.6 8.6 13.0



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: 0.03 ng

RT: 13.92 min Scan# 1912

Delta R.T. -0.03 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

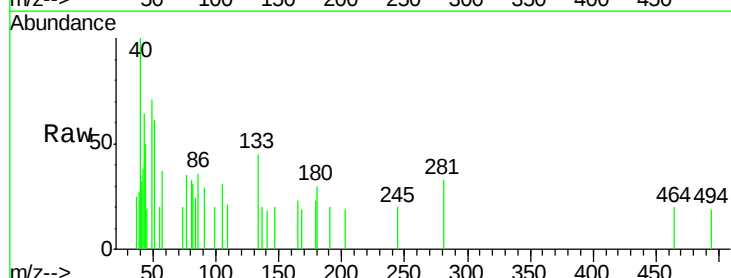
Tgt Ion:165 Resp: 68

Ion Ratio Lower Upper

165 100

63 0.0 60.6 90.8#

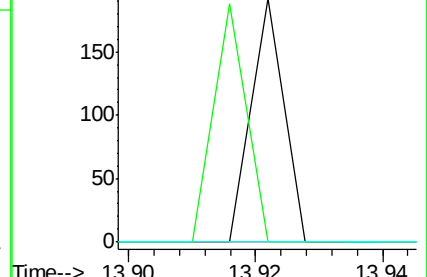
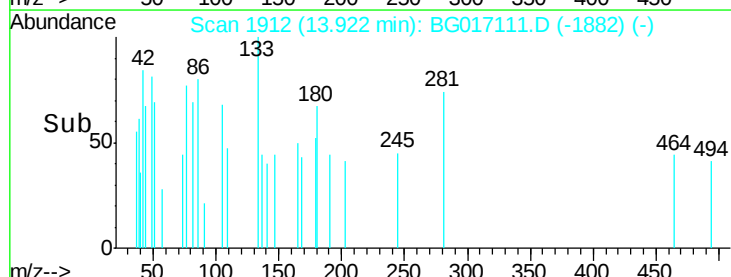
89 0.0 55.0 82.6#

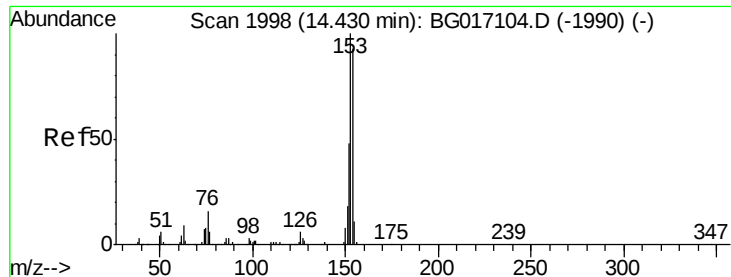


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 1.07 ng

RT: 14.43 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

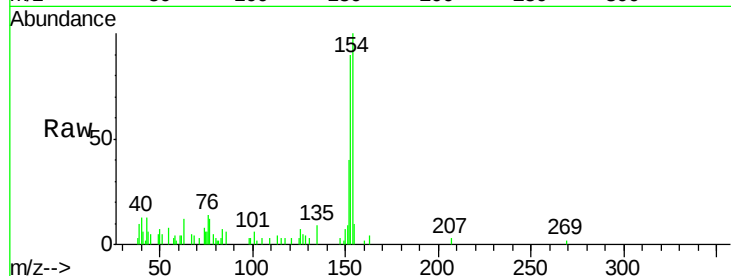
Tgt Ion:154 Resp: 8160

Ion Ratio Lower Upper

154 100

153 90.3 86.2 129.4

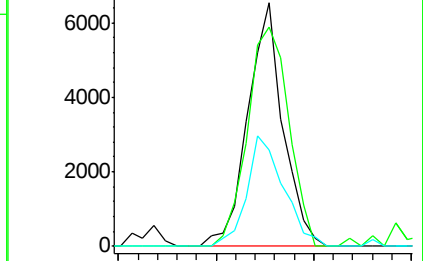
152 39.5 41.5 62.3#



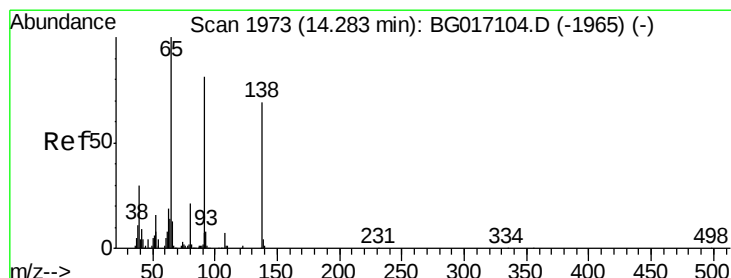
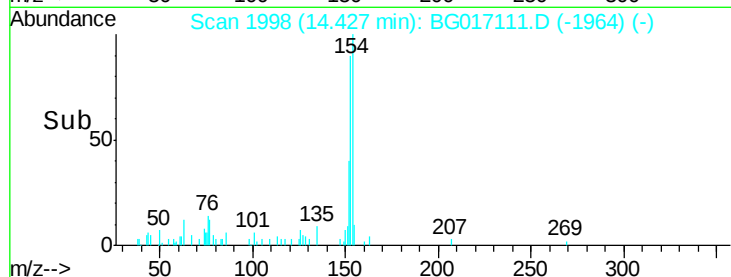
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time--> 14.35 14.40 14.45



#52

3-Nitroaniline

Concen: 0.03 ng

RT: 14.35 min Scan# 1985

Delta R.T. 0.07 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

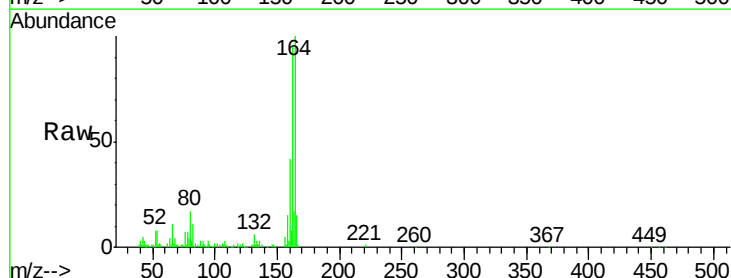
Tgt Ion:138 Resp: 75

Ion Ratio Lower Upper

138 100

108 602.3 7.6 11.4#

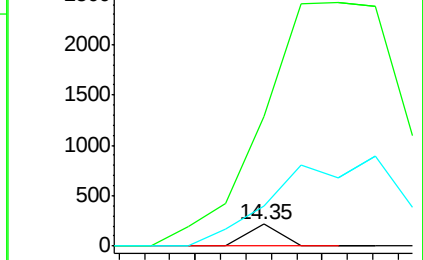
92 186.0 93.6 140.4#



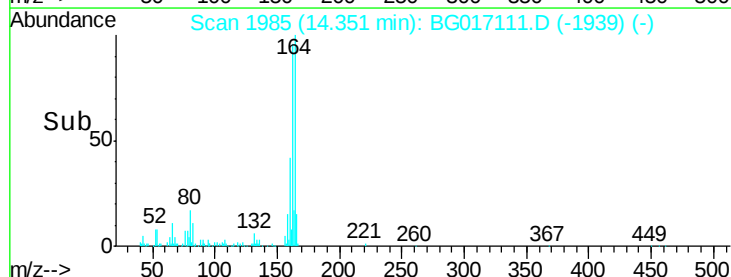
Abundance Ion 138.00 (137.70 to 138.70): E

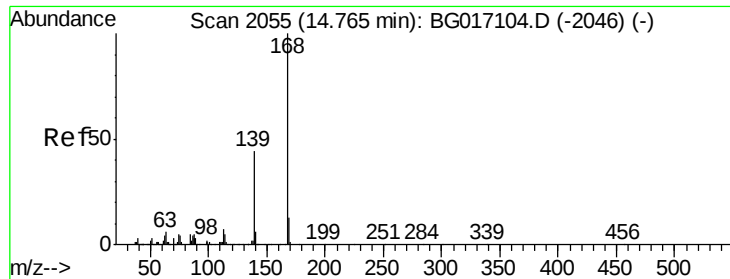
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



Time--> 14.34 14.36





#54

Dibenzenofuran

Concen: 0.00 ng

RT: 14.76 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

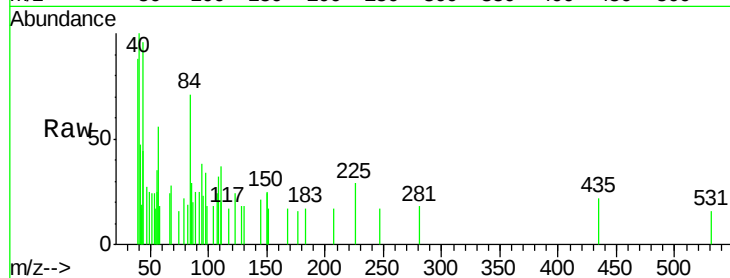
Tgt Ion:168 Resp: 56

Ion Ratio Lower Upper

168 100

139 0.0 34.9 52.3#

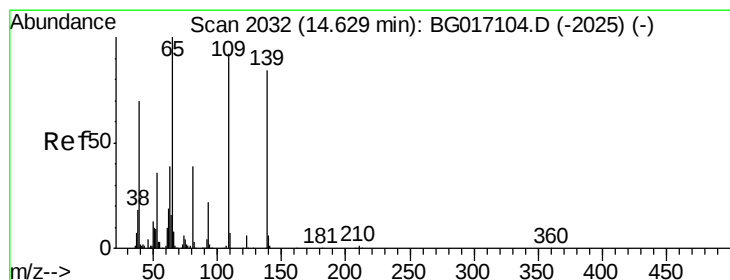
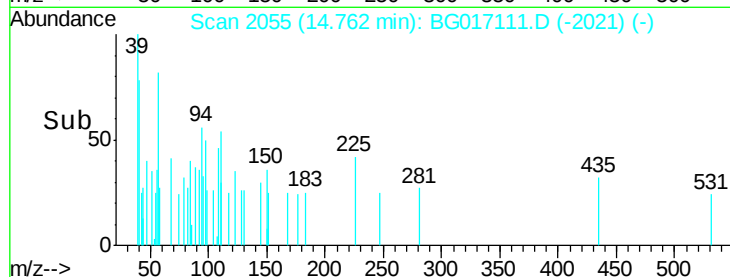
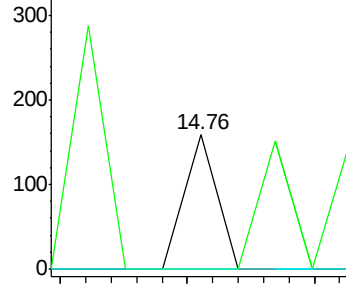
169 0.0 10.5 15.7#



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: 0.03 ng

RT: 14.62 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

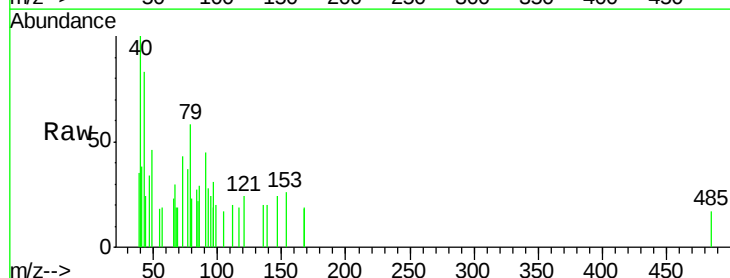
Tgt Ion:139 Resp: 63

Ion Ratio Lower Upper

139 100

109 0.0 90.5 130.5#

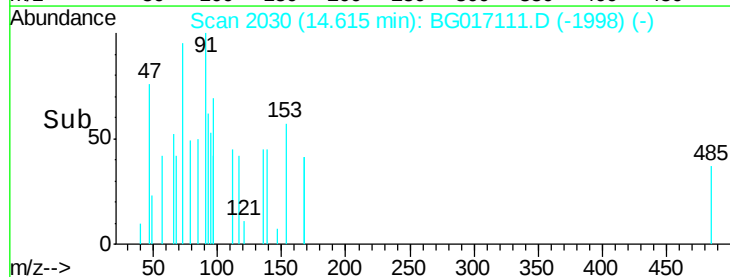
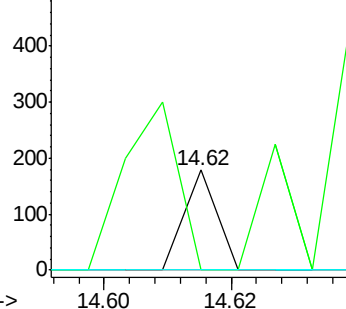
65 0.0 99.9 139.9#

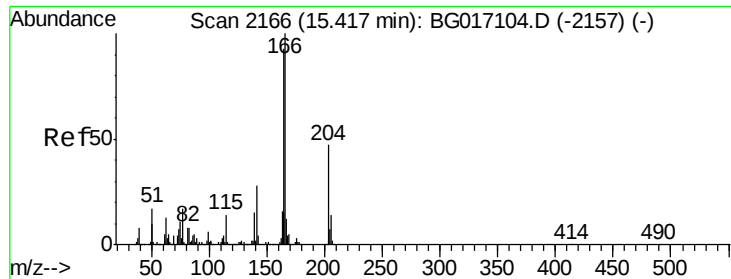


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

Fluorene

Concen: 0.03 ng

RT: 15.41 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

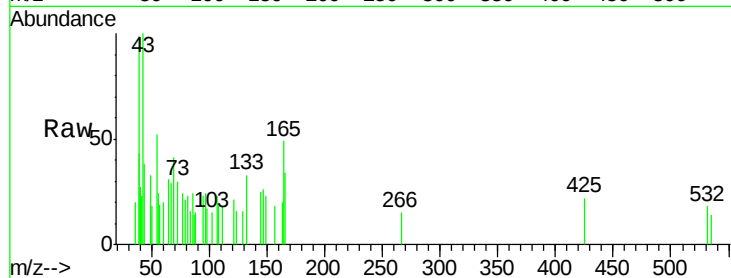
Tgt Ion:166 Resp: 334

Ion Ratio Lower Upper

166 100

165 143.1 74.2 111.4#

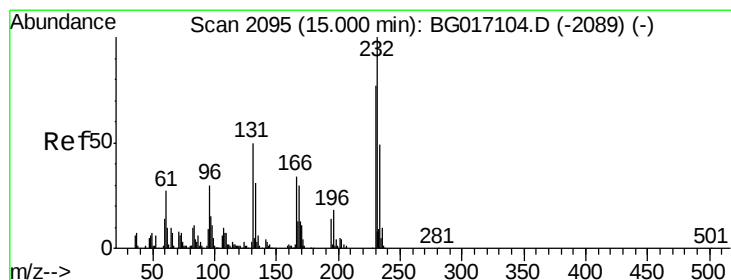
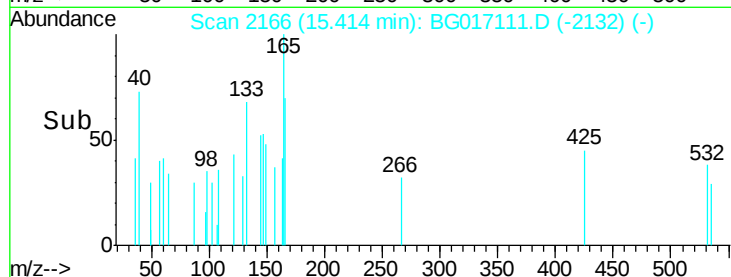
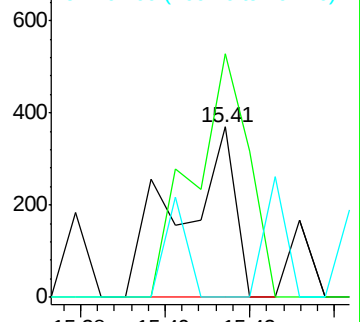
167 0.0 9.8 14.8#



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: 0.05 ng

RT: 15.00 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Tgt Ion:232 Resp: 128

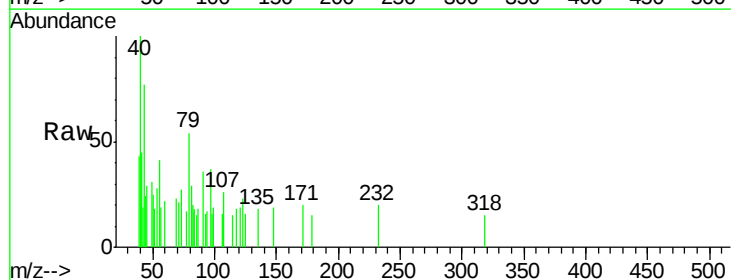
Ion Ratio Lower Upper

232 100

131 0.0 42.7 64.1#

130 0.0 3.0 4.4#

166 43.8 25.7 38.5#

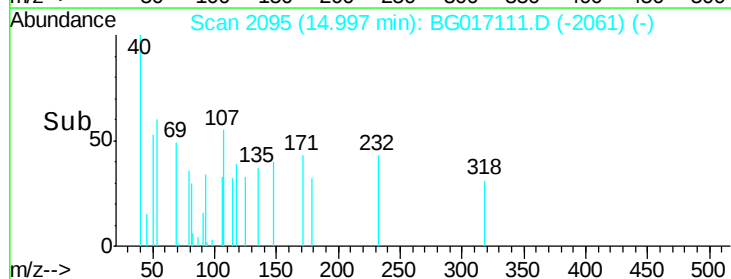
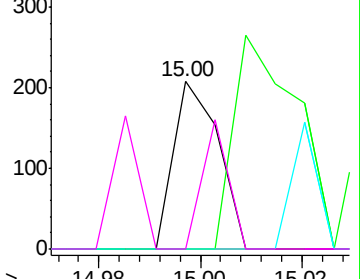


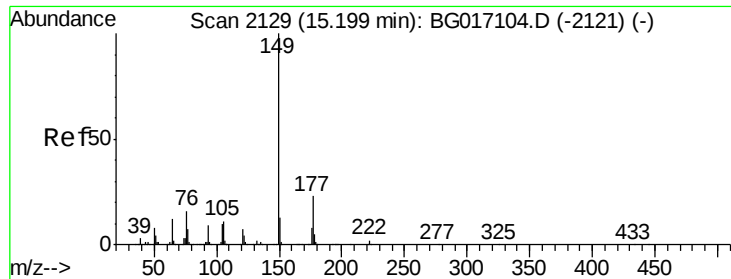
Abundance Ion 232.00 (231.70 to 232.70): E

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: 0.28 ng

RT: 15.19 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

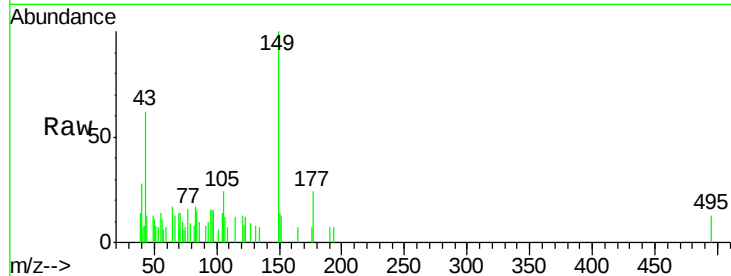
Tgt Ion:149 Resp: 3064

Ion Ratio Lower Upper

149 100

177 24.5 18.3 27.5

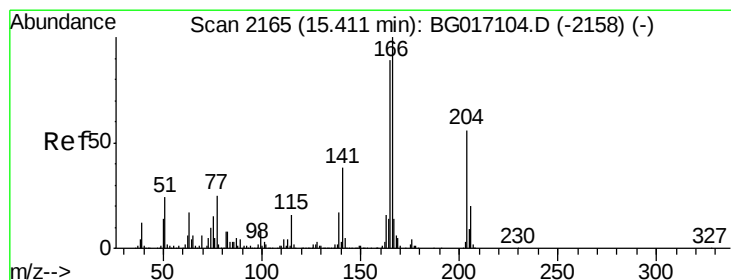
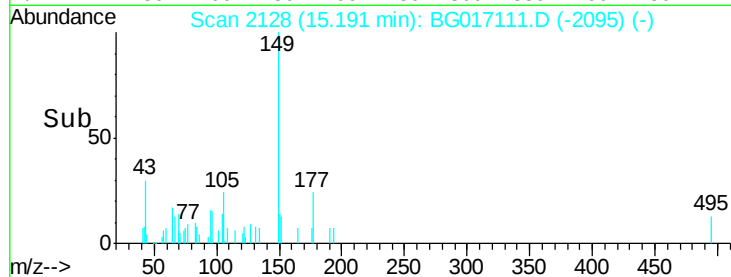
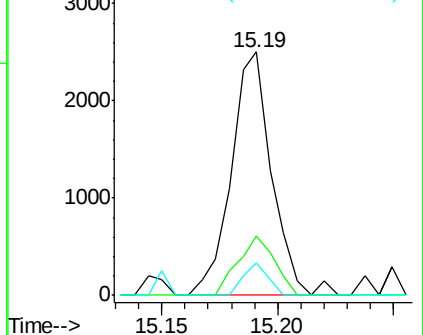
150 13.5 10.4 15.6



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: 0.01 ng

RT: 15.23 min Scan# 2135

Delta R.T. -0.18 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

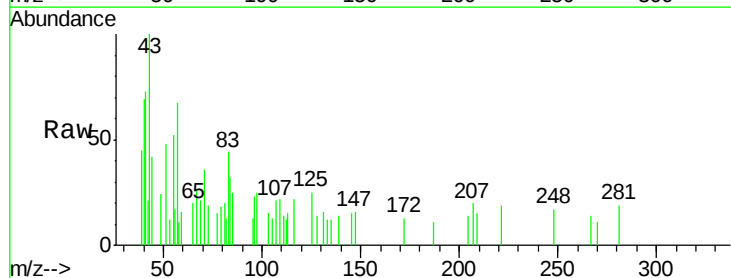
Tgt Ion:204 Resp: 68

Ion Ratio Lower Upper

204 100

206 0.0 28.6 42.8#

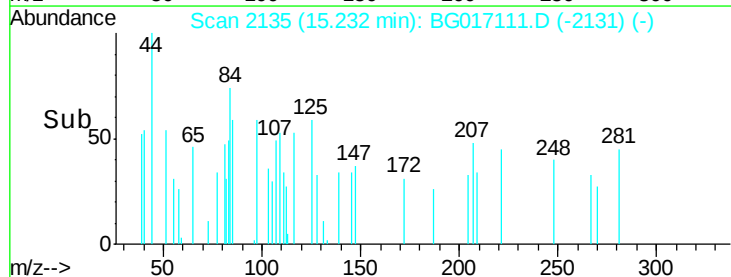
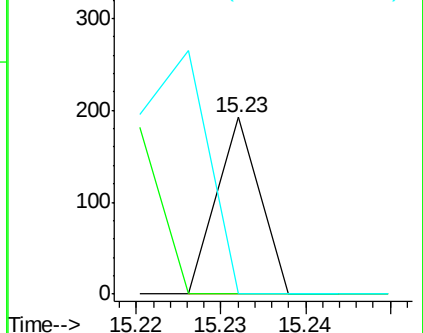
141 0.0 54.2 81.2#

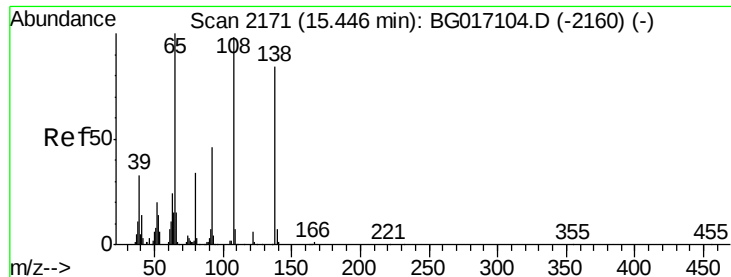


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

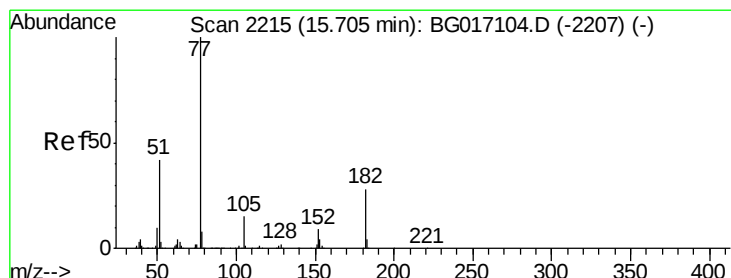
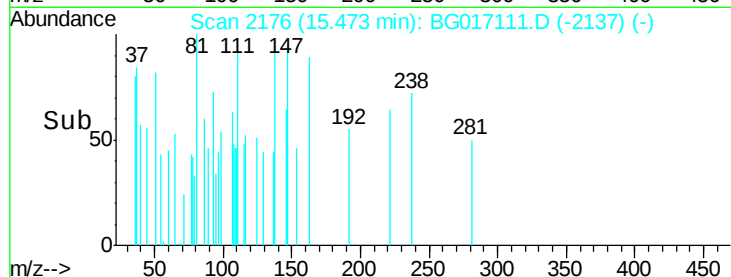
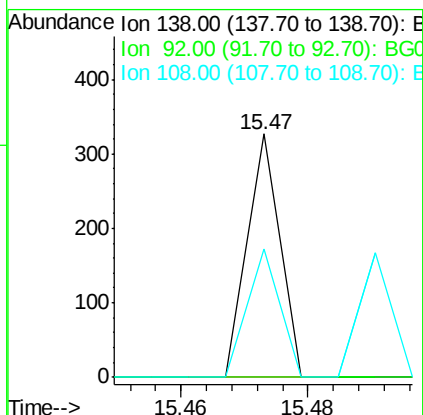
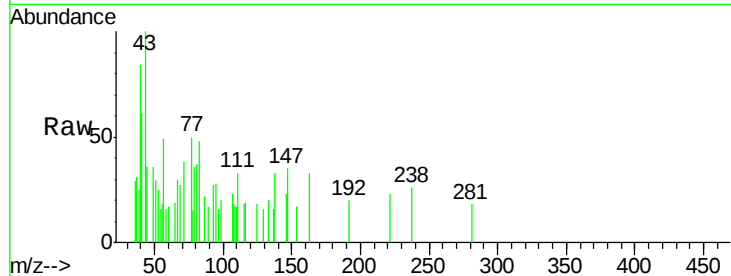




#61
4-Nitroaniline
Concen: 0.04 ng
RT: 15.47 min Scan# 2176
Delta R.T. 0.03 min
Lab File: BG017111.D
Acq: 13 May 2015 17:28

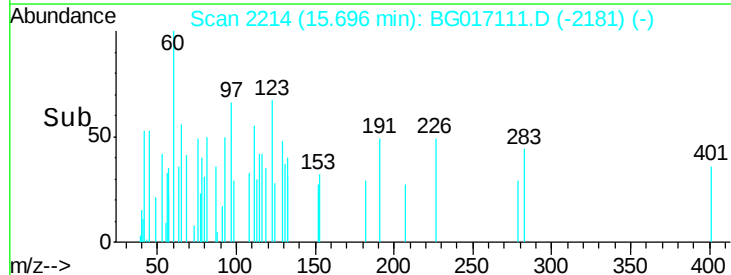
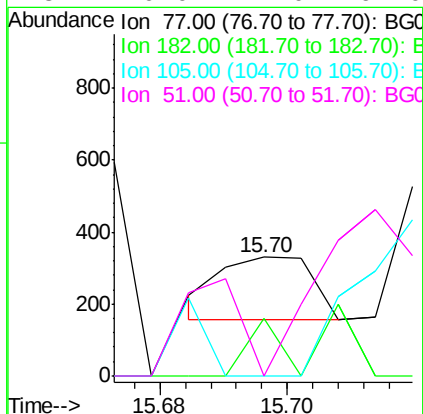
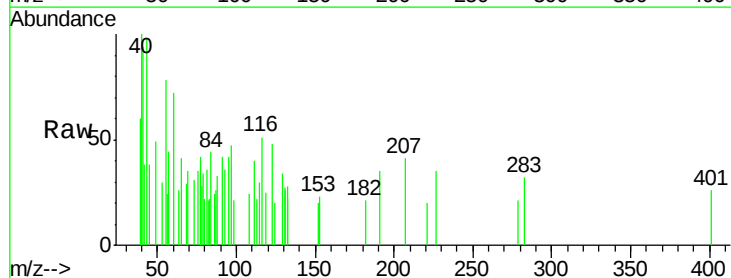
Instrument :
BNA_G
ClientSampleId :
TU021-TW-02

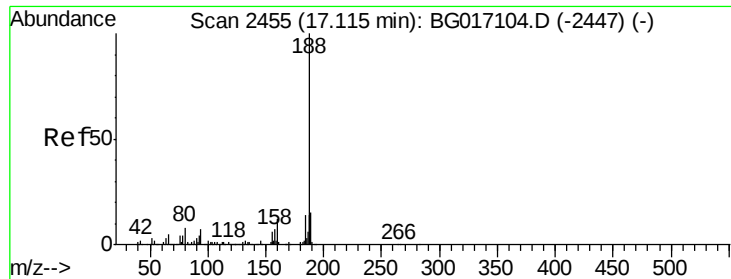
Tgt Ion: 138 Resp: 115
Ion Ratio Lower Upper
138 100
92 0.0 34.9 74.9#
108 52.9 95.8 135.8#



#62
Azobenzene
Concen: 0.02 ng
RT: 15.70 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BG017111.D
Acq: 13 May 2015 17:28

Tgt Ion: 77 Resp: 174
Ion Ratio Lower Upper
77 100
182 48.8 8.1 48.1#
105 0.0 0.0 34.8
51 0.0 22.0 62.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

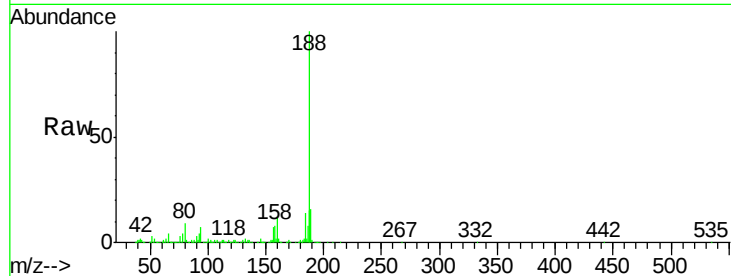
Tgt Ion:188 Resp: 304917

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.6

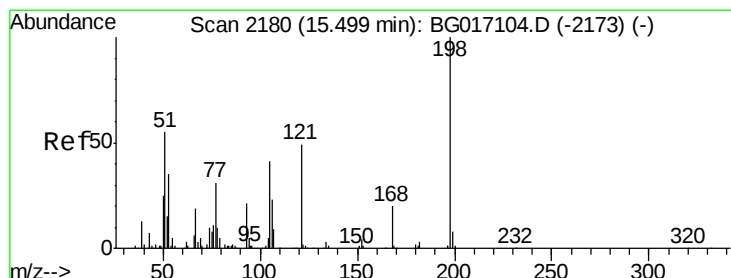
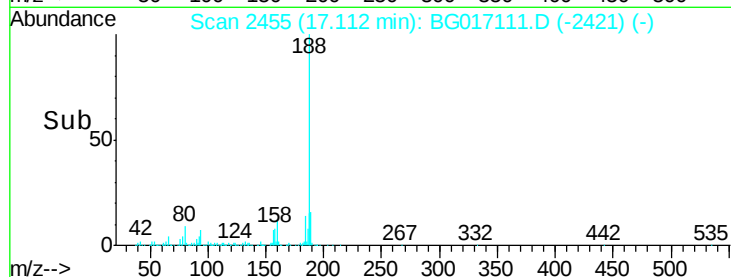
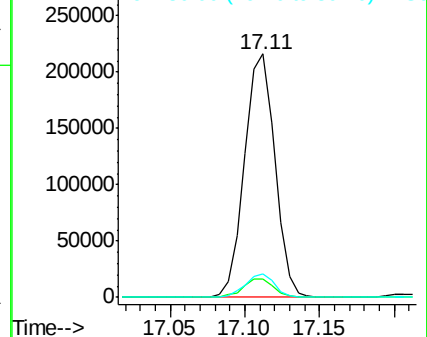
80 9.4 6.5 9.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 0.09 ng

RT: 15.48 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

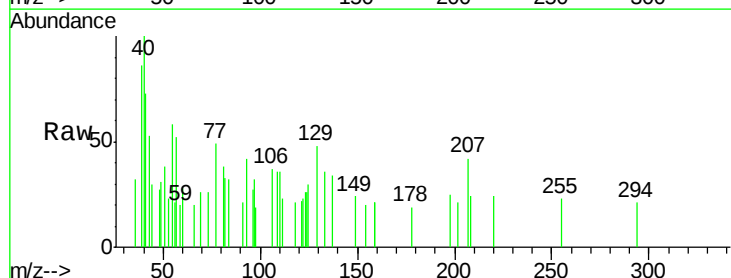
Tgt Ion:198 Resp: 183

Ion Ratio Lower Upper

198 100

51 150.7 39.9 79.9#

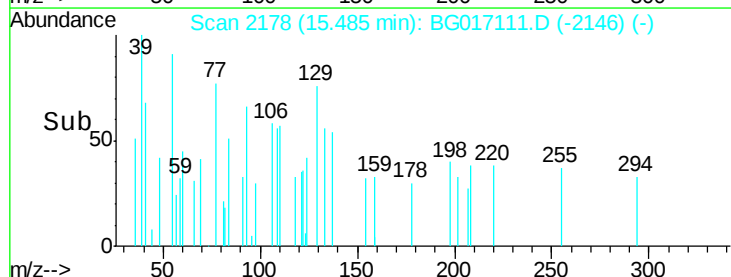
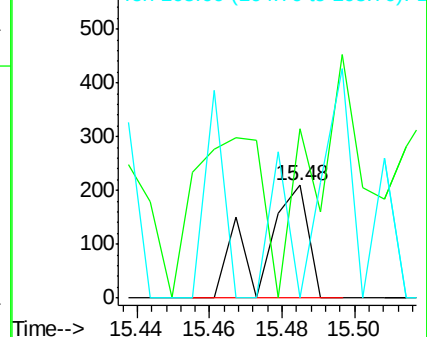
105 0.0 22.0 62.0#

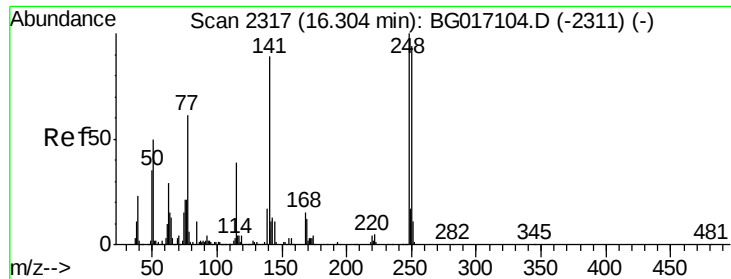


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

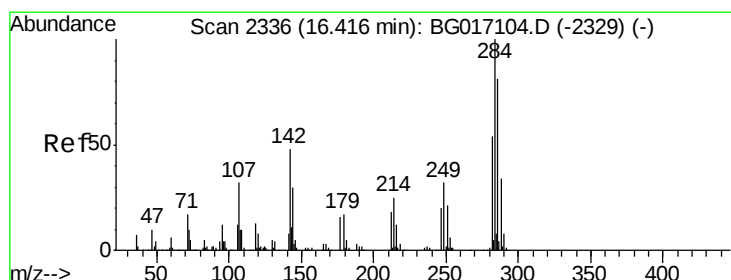
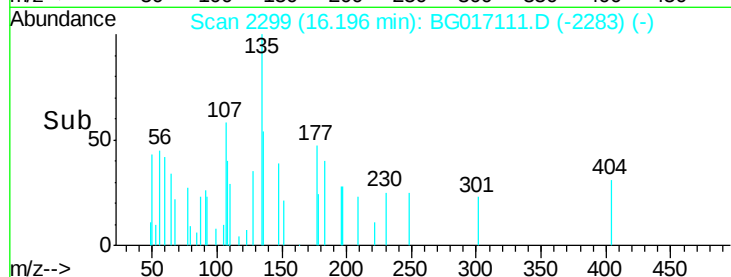
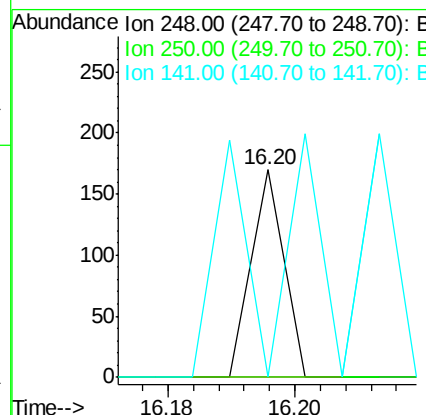
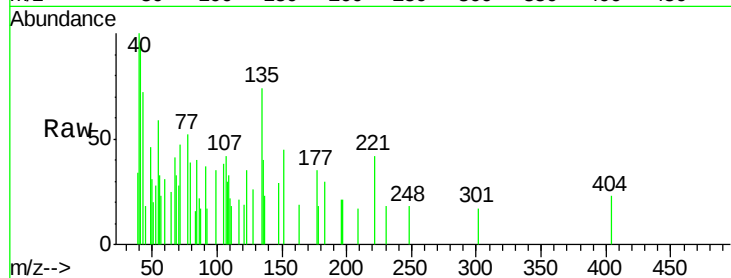




#66
4-Bromophenyl-phenylether
Concen: 0.02 ng
RT: 16.20 min Scan# 2299
Delta R.T. -0.11 min
Lab File: BG017111.D
Acq: 13 May 2015 17:28

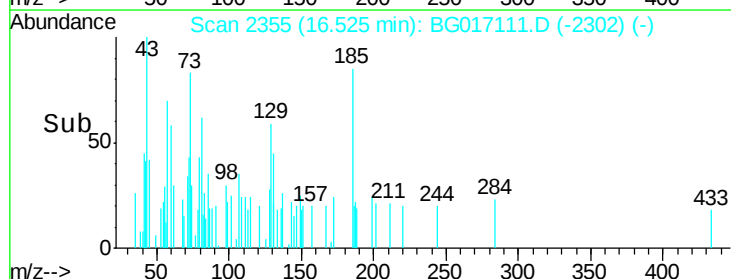
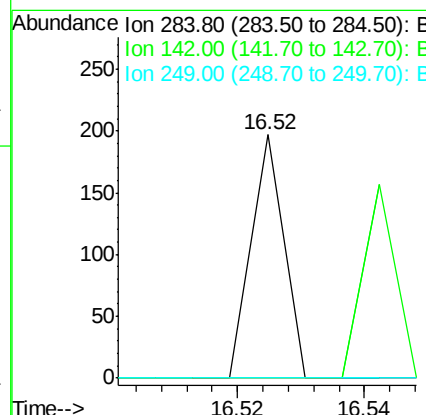
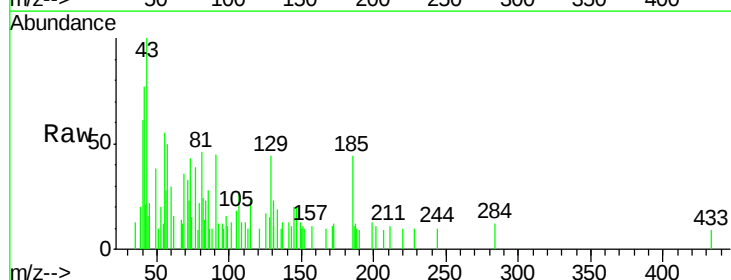
Instrument :
BNA_G
ClientSampleId :
TU021-TW-02

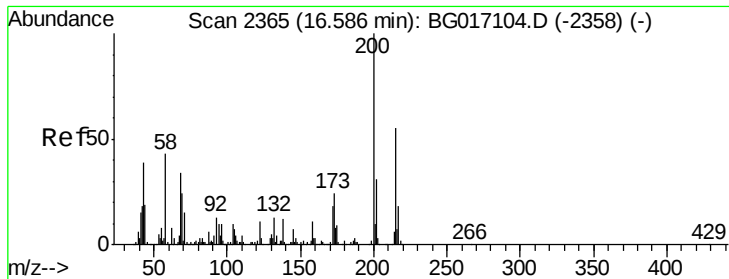
Tgt Ion:248 Resp: 60
Ion Ratio Lower Upper
248 100
250 0.0 75.0 112.4#
141 0.0 71.3 106.9#



#67
Hexachlorobenzene
Concen: 0.02 ng
RT: 16.52 min Scan# 2355
Delta R.T. 0.11 min
Lab File: BG017111.D
Acq: 13 May 2015 17:28

Tgt Ion:284 Resp: 69
Ion Ratio Lower Upper
284 100
142 0.0 38.2 57.2#
249 0.0 25.2 37.8#





#68

Atrazine

Concen: 0.04 ng

RT: 16.60 min Scan# 2367

Delta R.T. 0.01 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

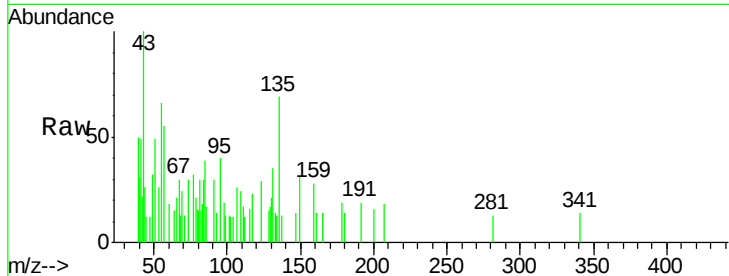
Tgt Ion:200 Resp: 137

Ion Ratio Lower Upper

200 100

173 0.0 3.7 43.7#

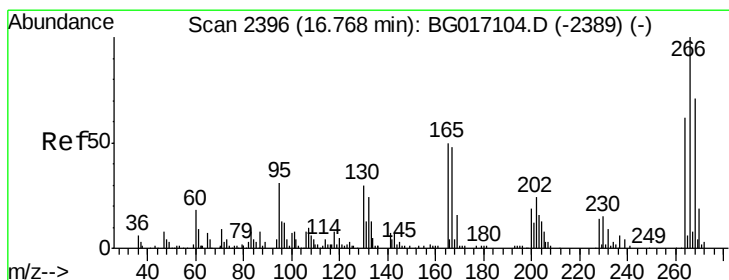
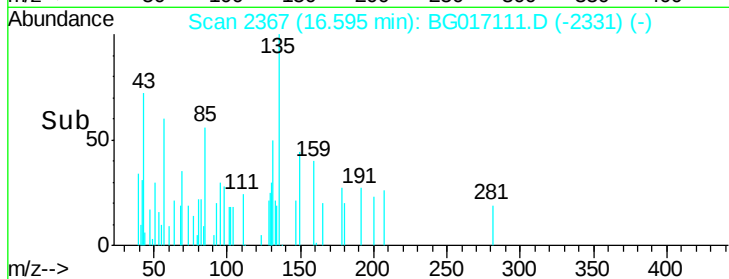
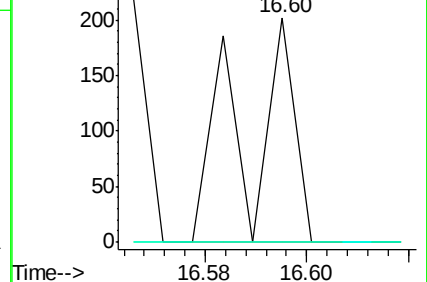
215 0.0 35.5 75.5#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 0.09 ng

RT: 16.77 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

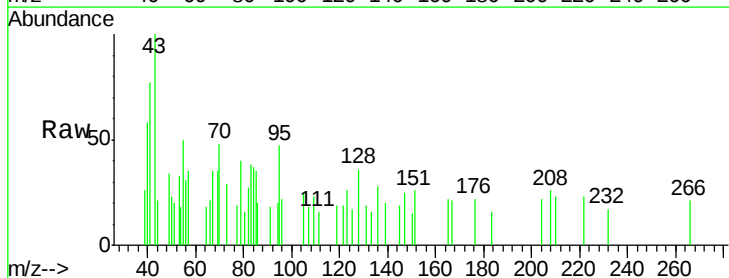
Tgt Ion:266 Resp: 191

Ion Ratio Lower Upper

266 100

268 0.0 56.6 84.8#

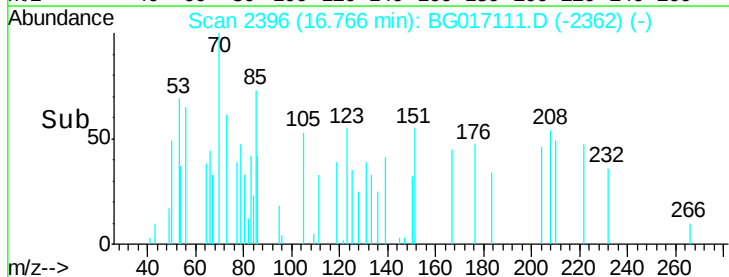
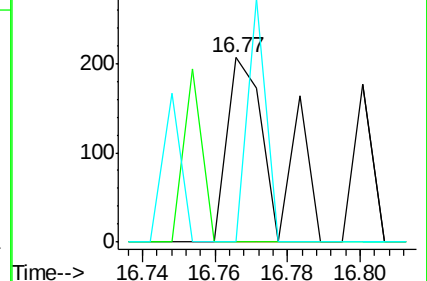
264 0.0 49.4 74.0#

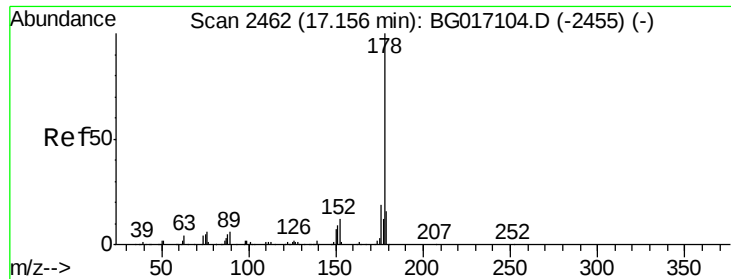


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 0.12 ng

RT: 17.14 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

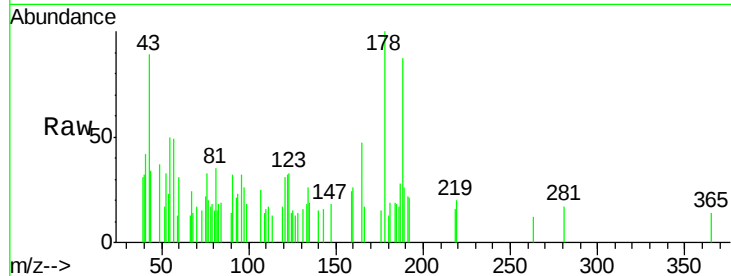
Tgt Ion:178 Resp: 1833

Ion Ratio Lower Upper

178 100

176 14.8 15.4 23.2#

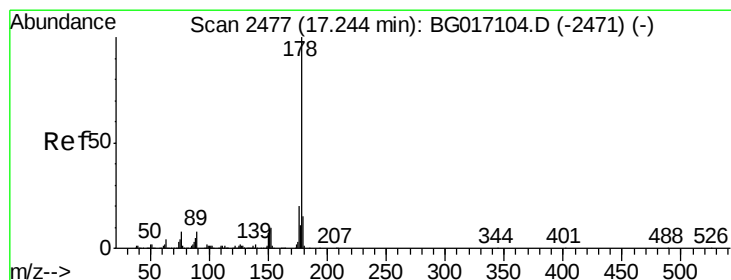
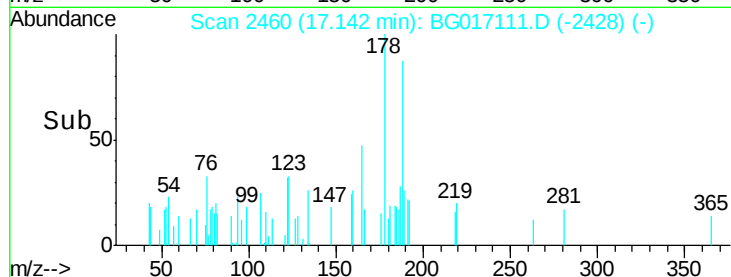
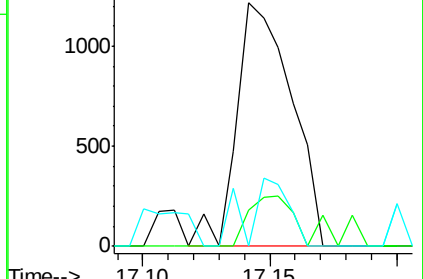
179 0.0 12.5 18.7#



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: 0.02 ng

RT: 17.24 min Scan# 2476

Delta R.T. -0.01 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

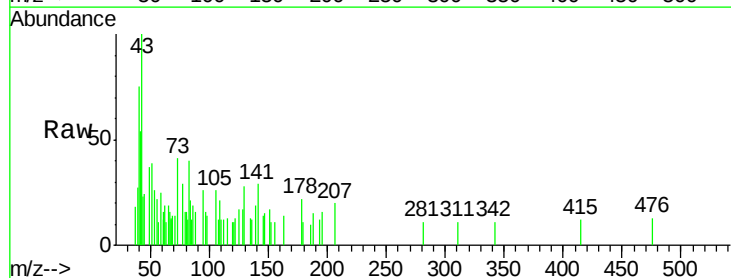
Tgt Ion:178 Resp: 248

Ion Ratio Lower Upper

178 100

176 0.0 16.3 24.5#

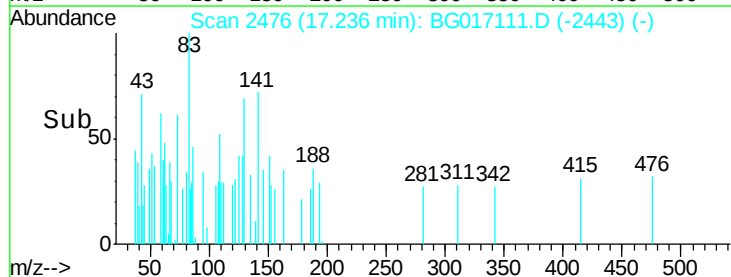
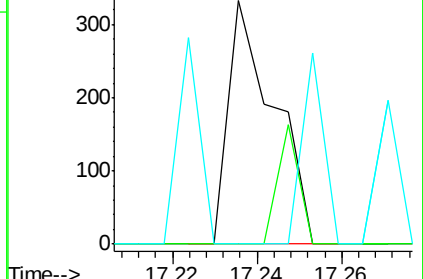
179 0.0 12.1 18.1#

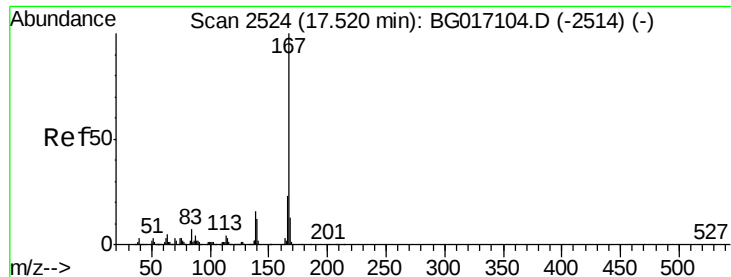


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

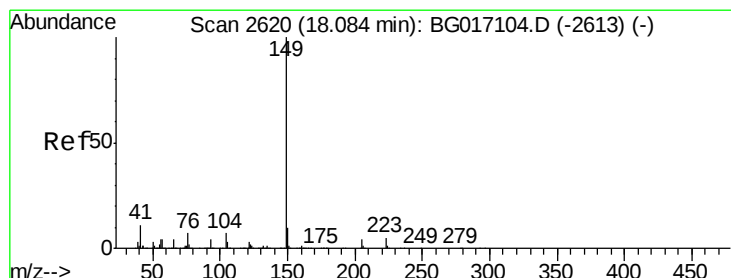
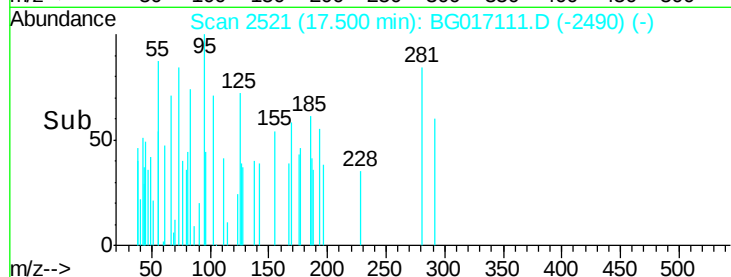
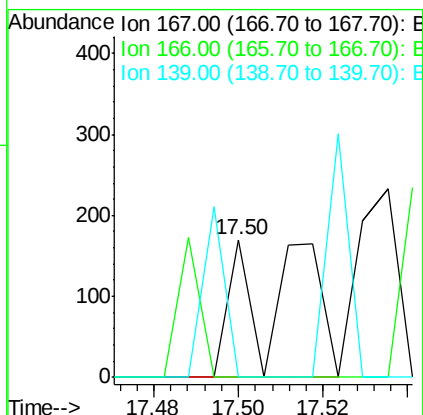
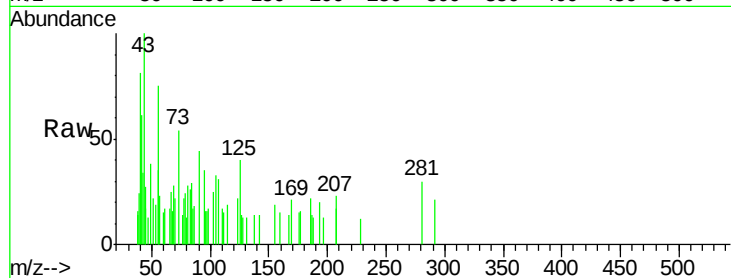




#72
 Carbazole
 Concen: 0.01 ng
 RT: 17.50 min Scan# 2521
 Delta R.T. -0.02 min
 Lab File: BG017111.D
 Acq: 13 May 2015 17:28

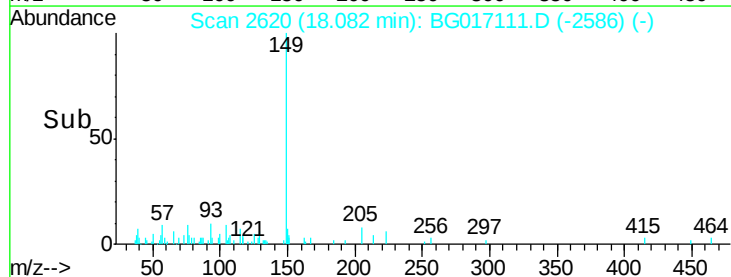
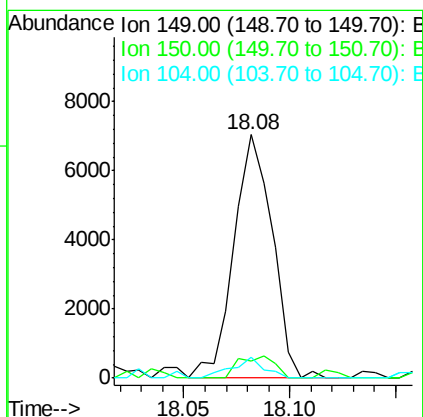
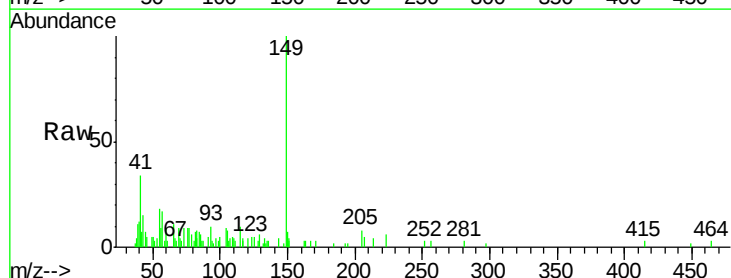
Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-02

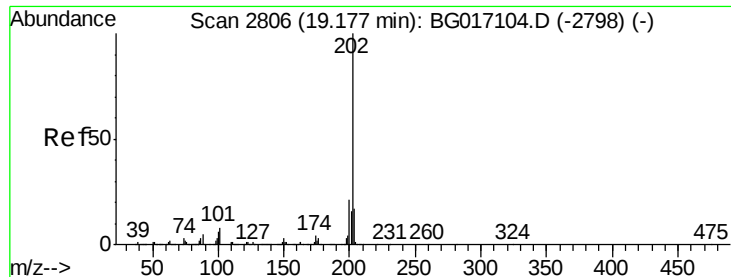
Tgt Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.4	27.6#
139	0.0	13.0	19.4#



#73
 Di-n-butylphthalate
 Concen: 0.45 ng
 RT: 18.08 min Scan# 2620
 Delta R.T. -0.00 min
 Lab File: BG017111.D
 Acq: 13 May 2015 17:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	7.2	8.2	12.4#
104	8.8	5.7	8.5#





#74

Fluoranthene

Concen: 0.03 ng

RT: 19.19 min Scan# 2808

Delta R.T. 0.01 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

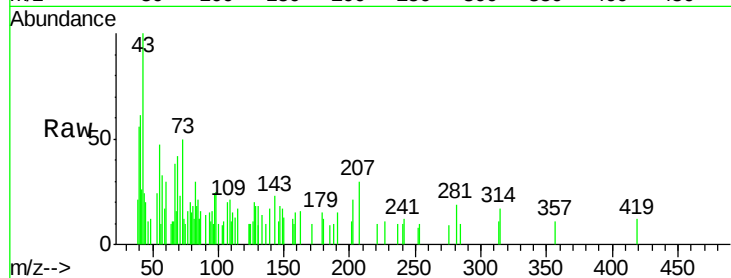
Tgt Ion:202 Resp: 560

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.3

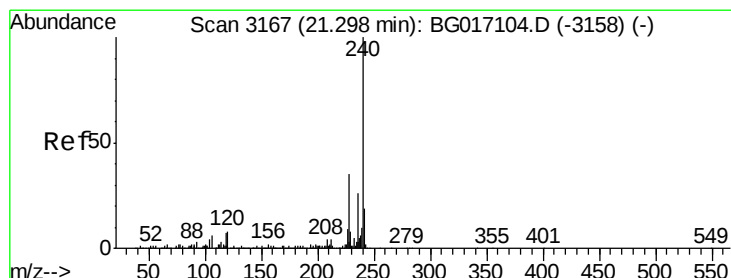
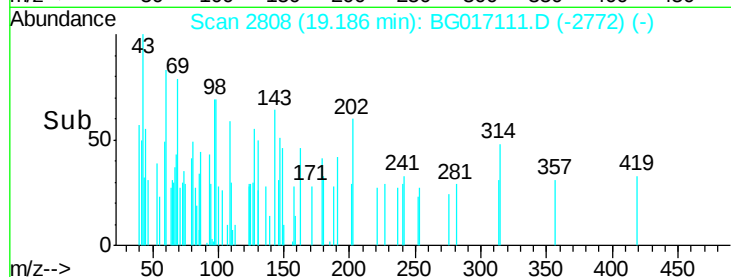
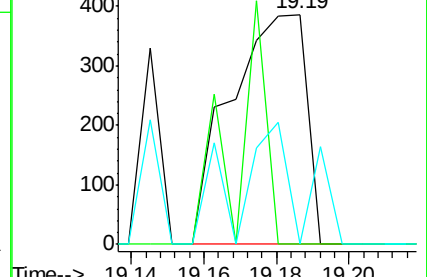
203 0.0 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.30 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

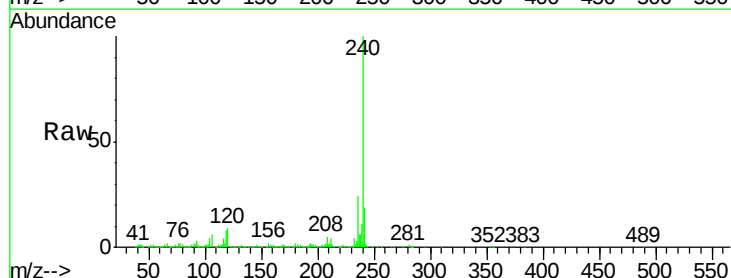
Tgt Ion:240 Resp: 305952

Ion Ratio Lower Upper

240 100

120 9.4 6.0 9.0#

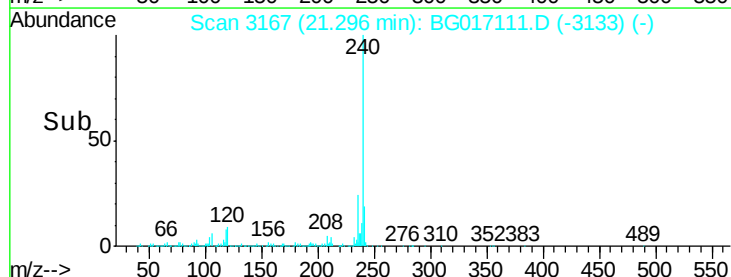
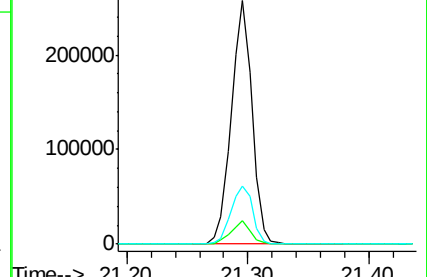
236 24.0 20.5 30.7

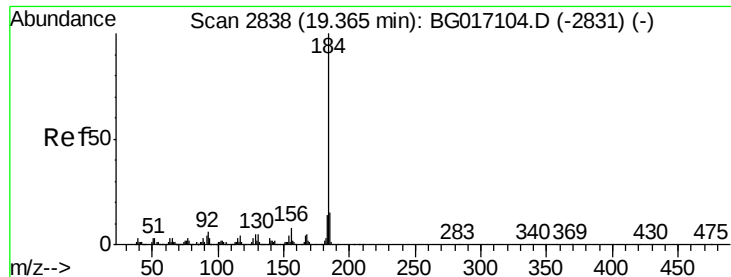


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.02 ng

RT: 19.37 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

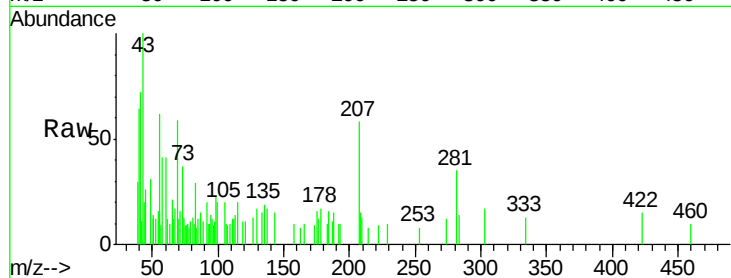
Tgt Ion:184 Resp: 176

Ion Ratio Lower Upper

184 100

185 0.0 12.4 18.6#

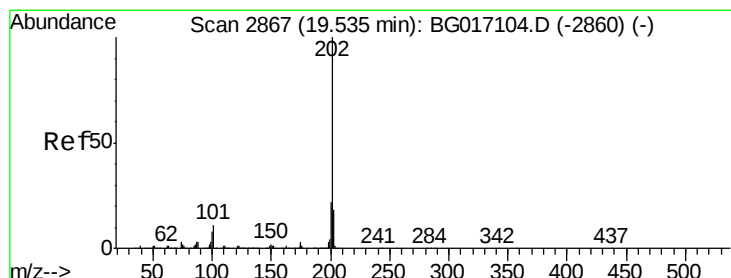
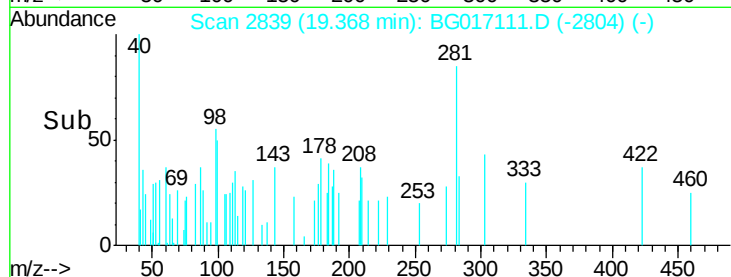
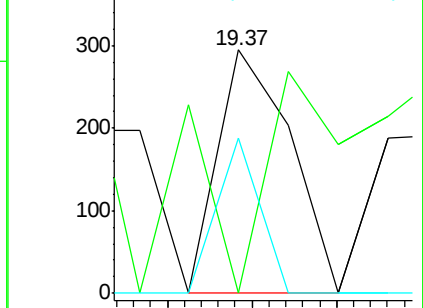
183 63.7 11.4 17.2#



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: 0.06 ng

RT: 19.53 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

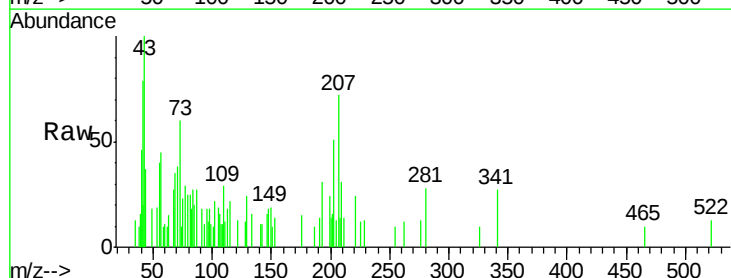
Tgt Ion:202 Resp: 1106

Ion Ratio Lower Upper

202 100

200 27.6 17.8 26.8#

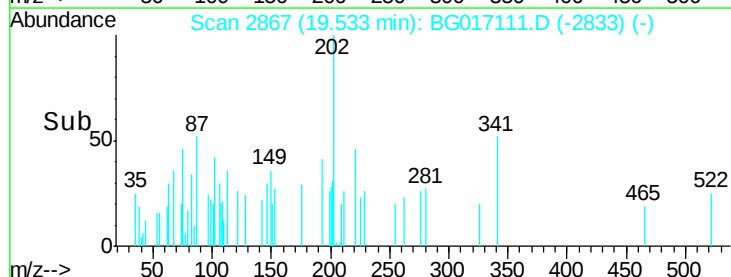
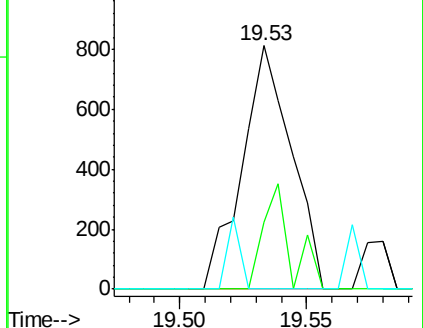
203 0.0 14.4 21.6#

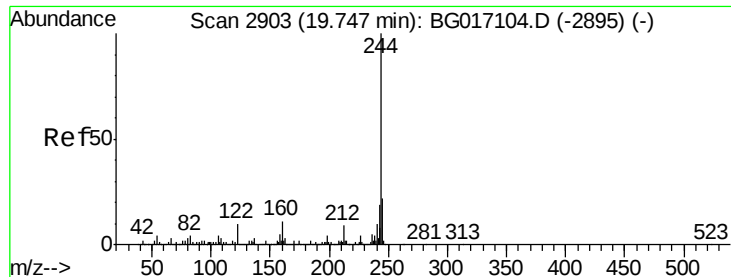


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 96.42 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

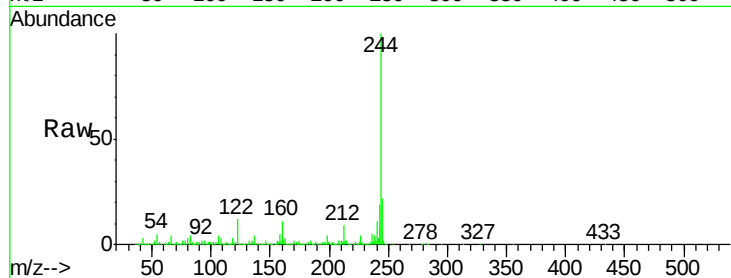
Tgt Ion:244 Resp: 1415527

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.4

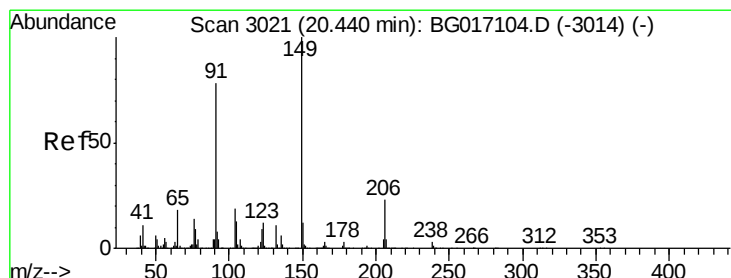
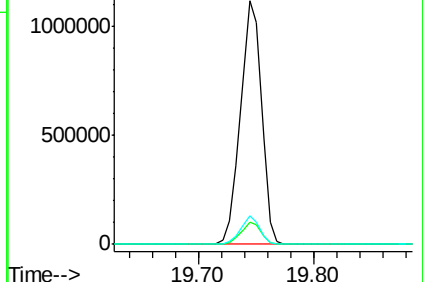
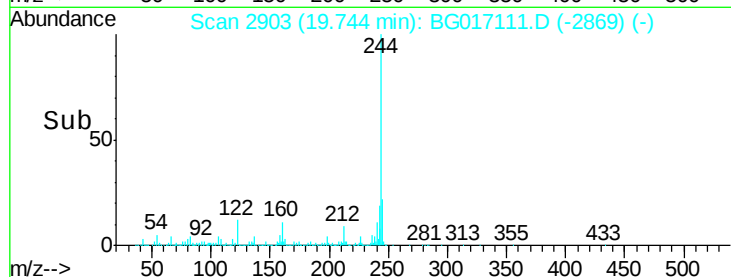
122 11.6 8.4 12.6



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: 0.21 ng

RT: 20.44 min Scan# 3022

Delta R.T. 0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

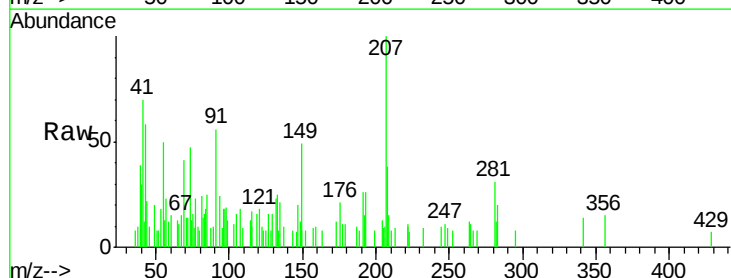
Tgt Ion:149 Resp: 1805

Ion Ratio Lower Upper

149 100

91 99.3 62.0 93.0#

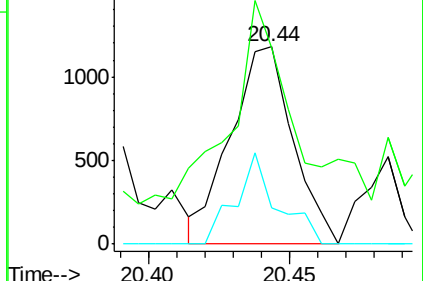
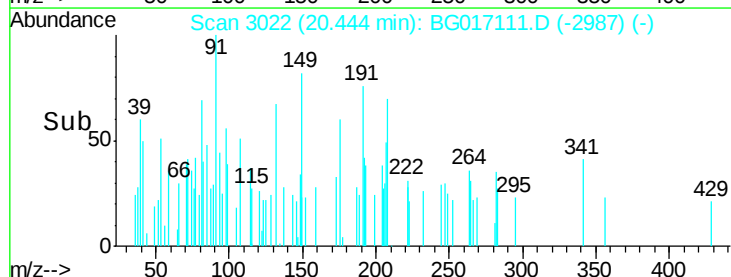
206 18.4 18.6 27.8#

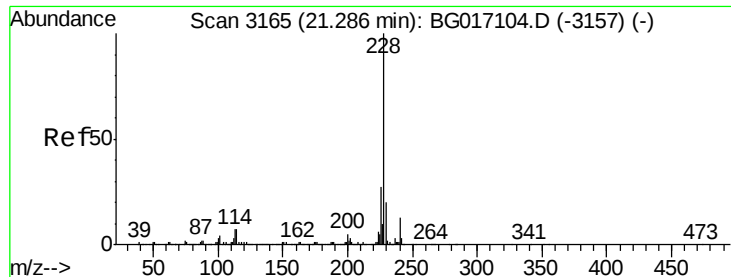


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.13 ng

RT: 21.29 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

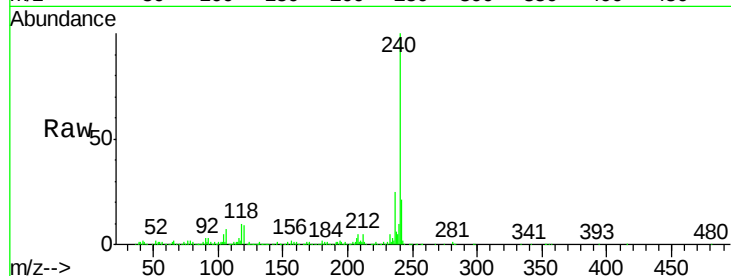
Tgt Ion:228 Resp: 2199

Ion Ratio Lower Upper

228 100

226 16.5 21.7 32.5#

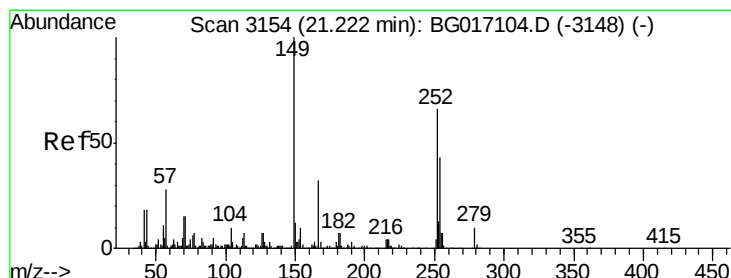
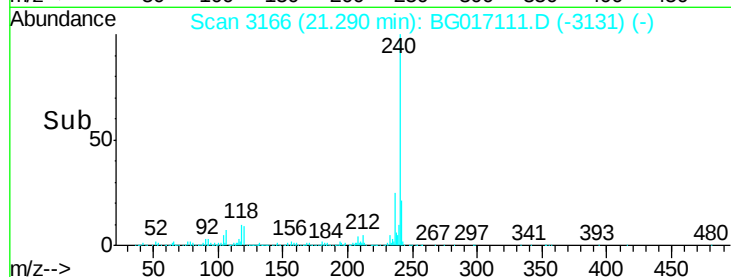
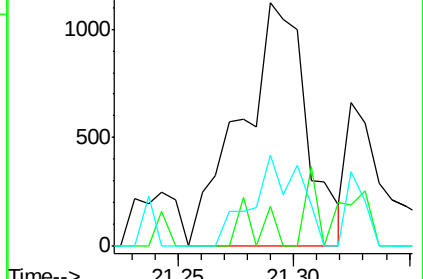
229 37.4 16.1 24.1#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.01 ng

RT: 21.23 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

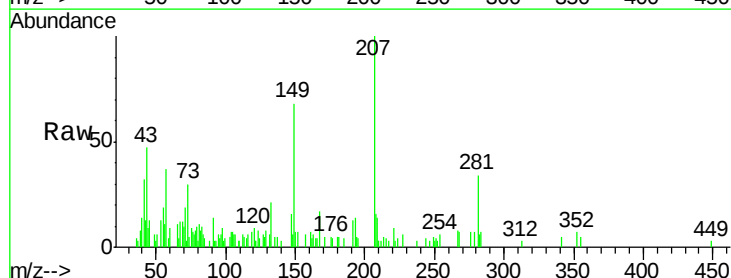
Tgt Ion:252 Resp: 57

Ion Ratio Lower Upper

252 100

254 192.0 52.1 78.1#

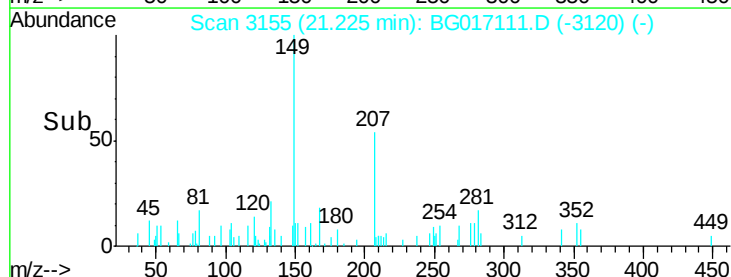
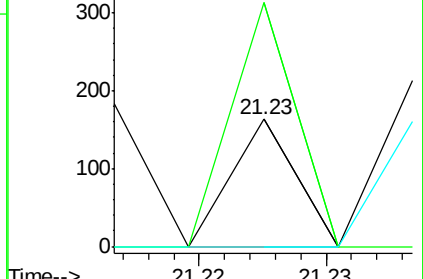
126 0.0 8.8 13.2#

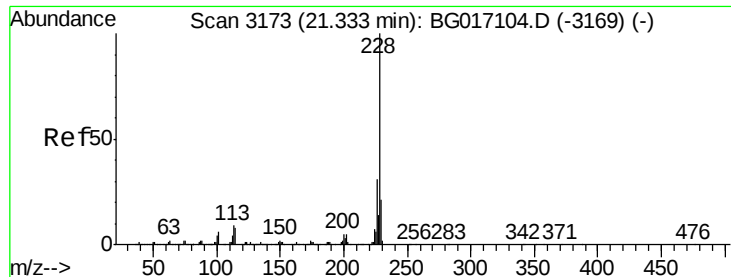


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.04 ng

RT: 21.32 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

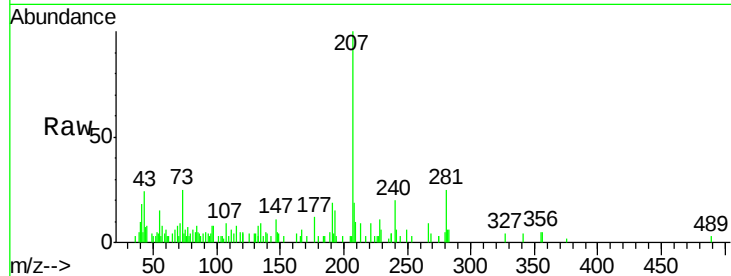
Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

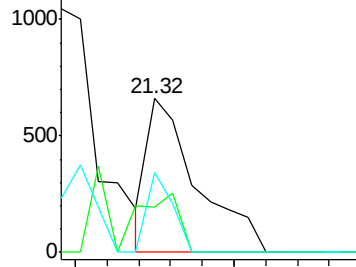
Tgt Ion:	228	Resp:	729
Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.8	37.2
229	52.0	17.0	25.6#



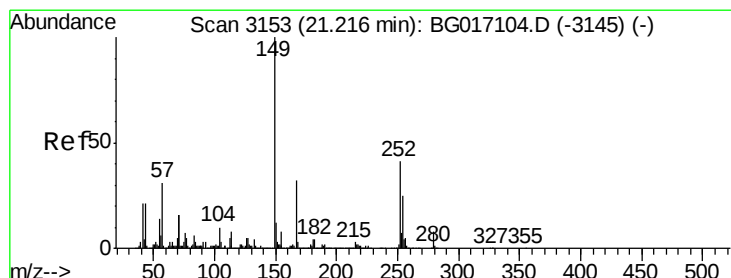
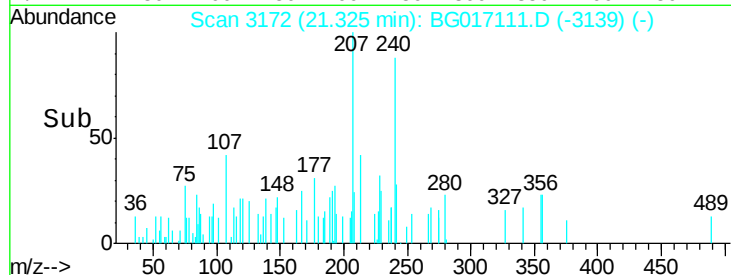
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.21 ng

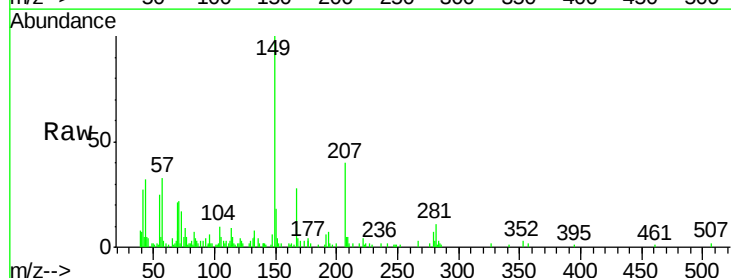
RT: 21.21 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

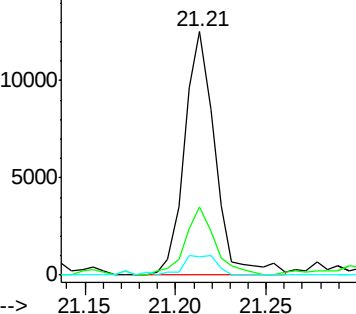
Tgt Ion:	149	Resp:	14666
Ion	Ratio	Lower	Upper
149	100		
167	28.3	25.4	38.2
279	7.3	6.8	10.2



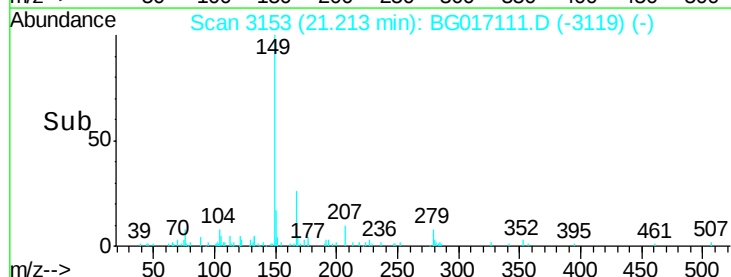
Abundance Ion 149.00 (148.70 to 149.70): E

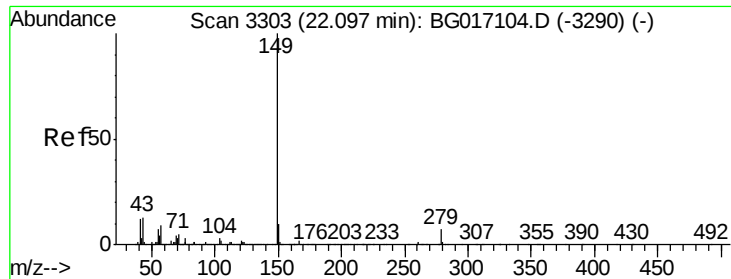
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#84

Di-n-octyl phthalate

Concen: 0.01 ng

RT: 22.08 min Scan# 3301

Delta R.T. -0.01 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

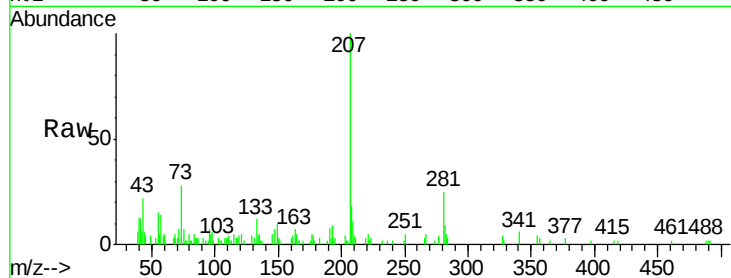
Tgt Ion:149 Resp: 189

Ion Ratio Lower Upper

149 100

167 29.1 1.4 2.0#

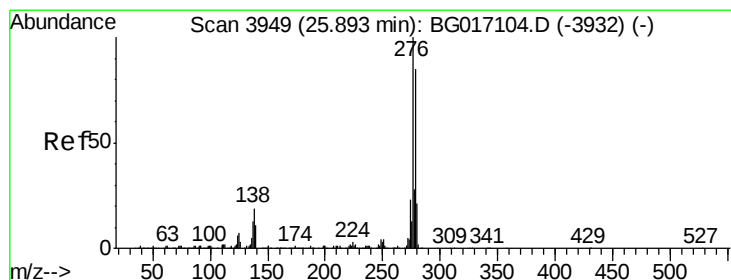
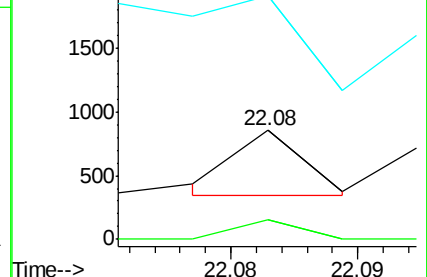
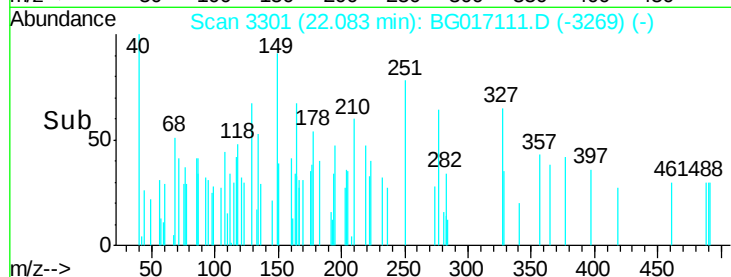
43 612.2 10.9 16.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng

RT: 25.91 min Scan# 3952

Delta R.T. 0.02 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

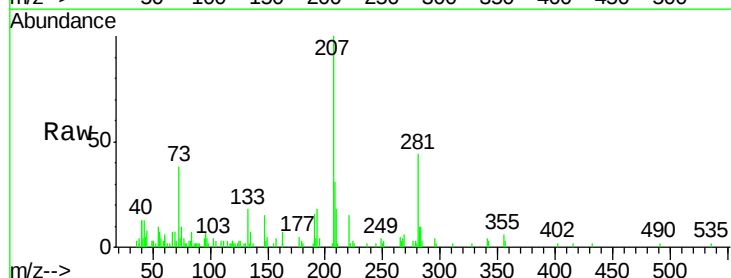
Tgt Ion:276 Resp: 91

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

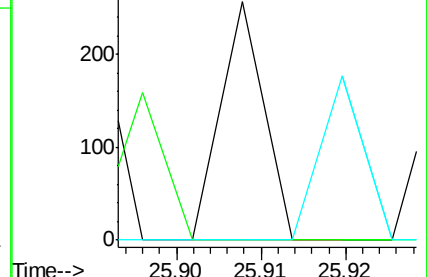
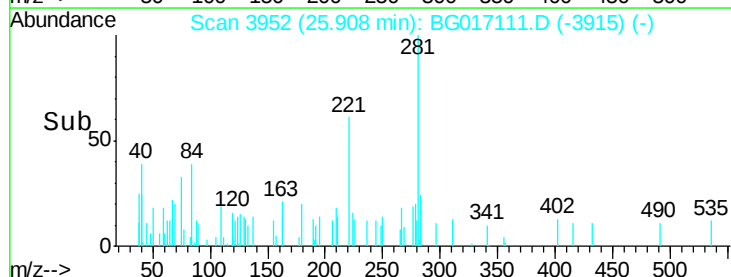
277 0.0 20.9 31.3#

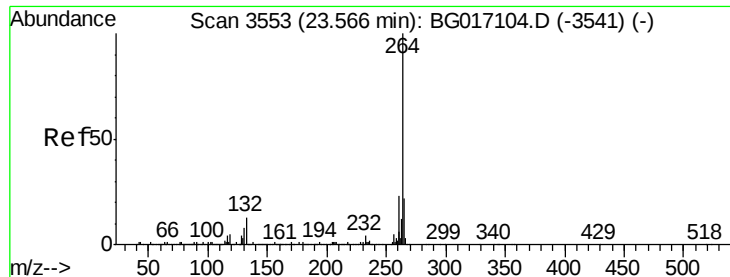


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.56 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

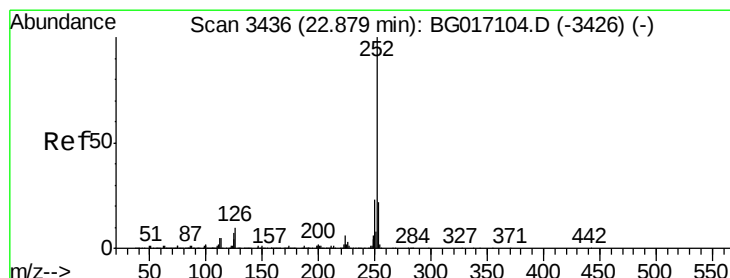
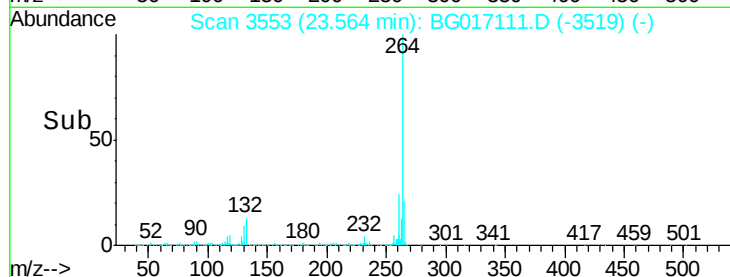
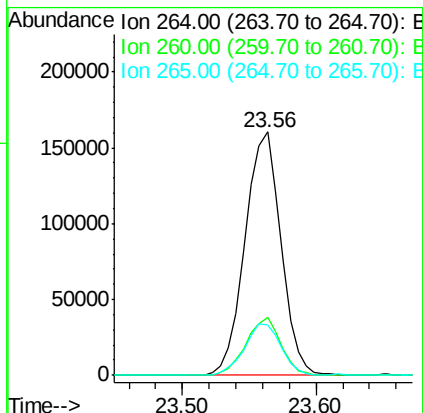
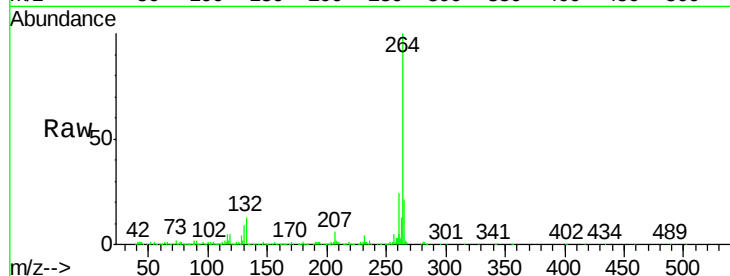
Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

Tgt Ion:	264	Resp:	297500
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.0	27.0
265	20.7	17.4	26.0



#87

Benzo(b)fluoranthene

Concen: 0.07 ng

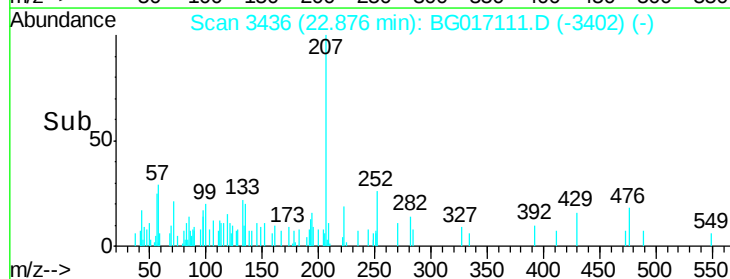
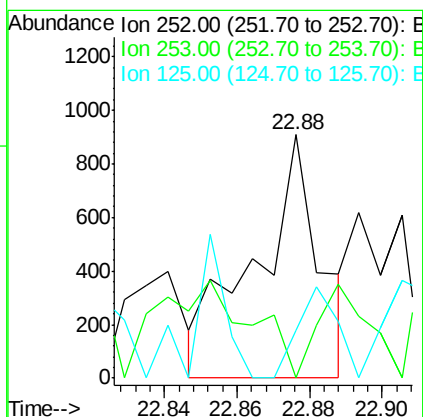
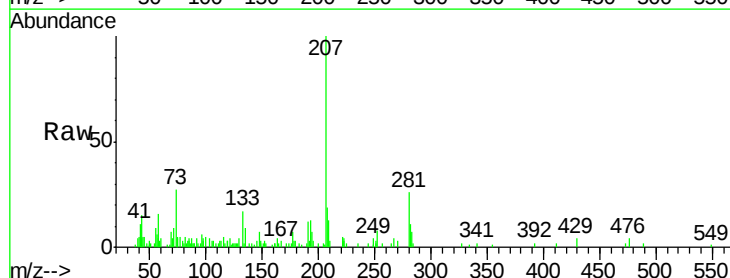
RT: 22.88 min Scan# 3436

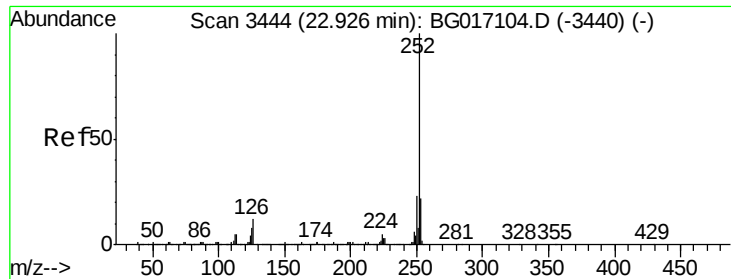
Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Tgt Ion:	252	Resp:	1131
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	19.8	5.9	8.9#





#88

Benzo(k)fluoranthene

Concen: 0.04 ng

RT: 22.92 min Scan# 3444

Delta R.T. -0.00 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

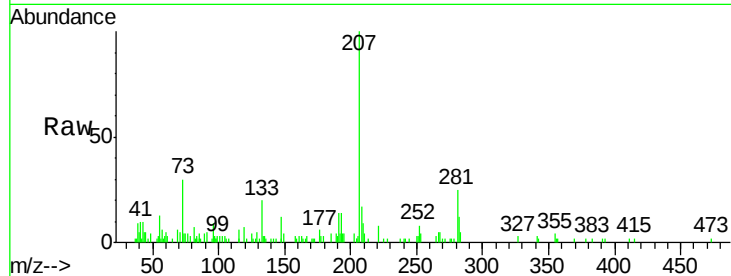
Tgt Ion:252 Resp: 583

Ion Ratio Lower Upper

252 100

253 46.5 17.8 26.6#

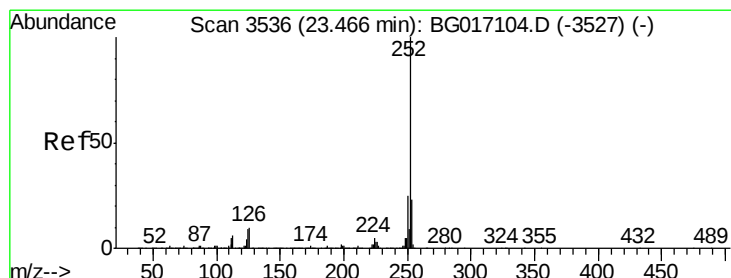
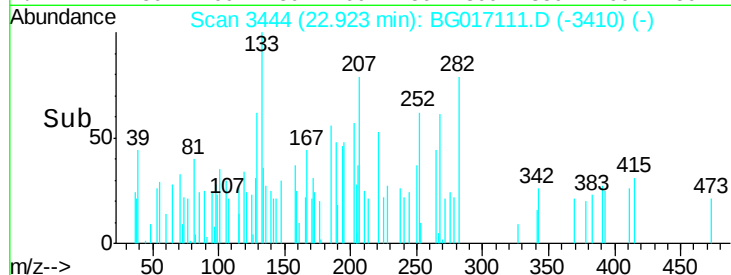
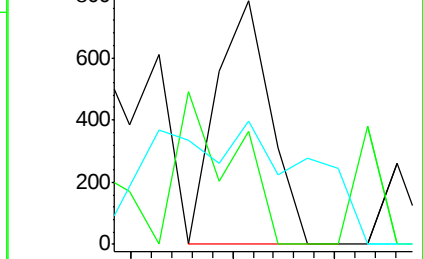
125 50.7 6.4 9.6#



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: 0.07 ng

RT: 23.46 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

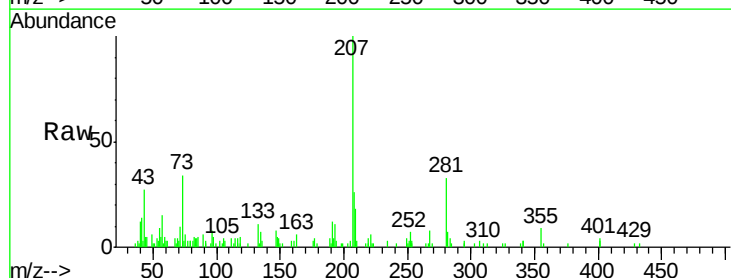
Tgt Ion:252 Resp: 1129

Ion Ratio Lower Upper

252 100

253 80.7 18.4 27.6#

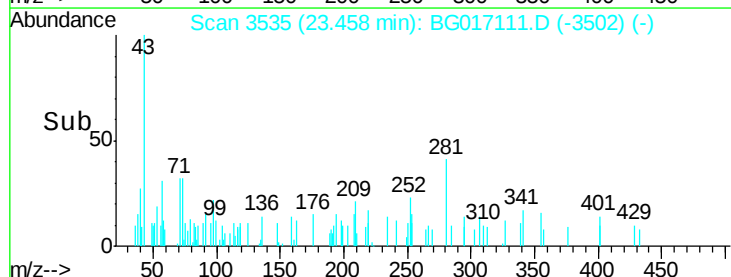
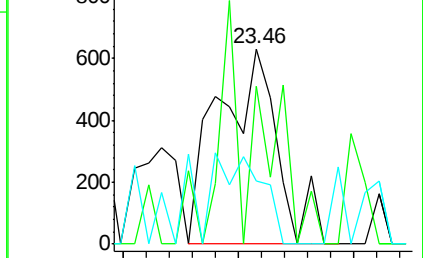
125 32.3 7.2 10.8#

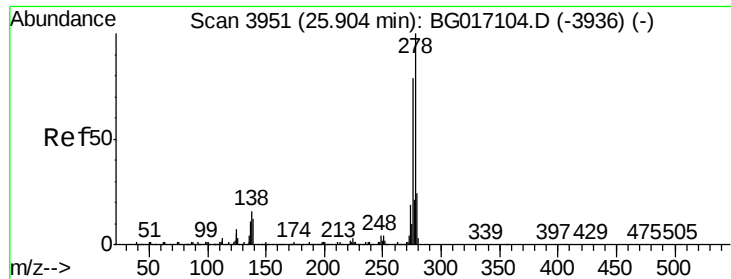


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.00 ng

RT: 25.93 min Scan# 3955

Delta R.T. 0.02 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

Instrument :

BNA_G

ClientSampleId :

TU021-TW-02

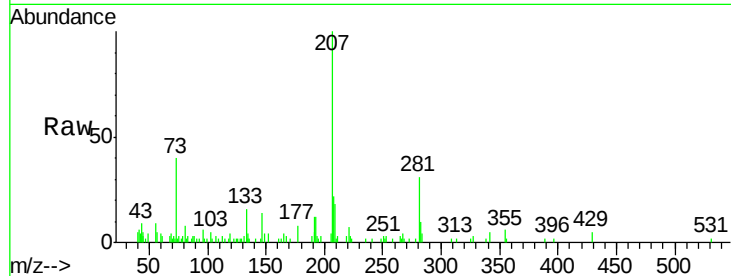
Tgt Ion:278 Resp: 81

Ion Ratio Lower Upper

278 100

139 0.0 9.4 14.2#

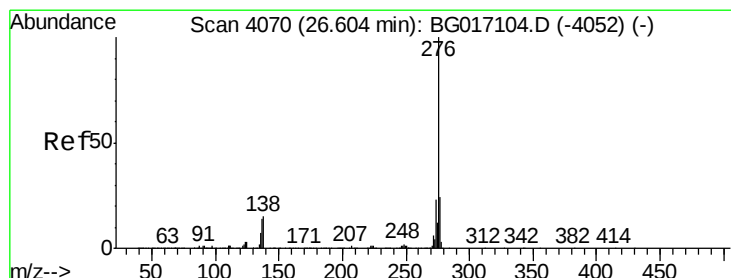
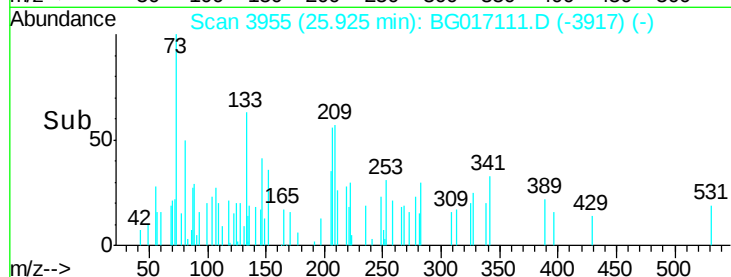
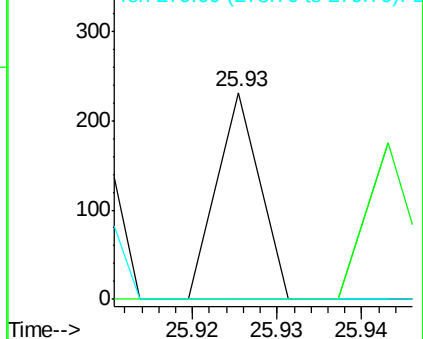
279 0.0 19.1 28.7#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.01 ng

RT: 26.62 min Scan# 4074

Delta R.T. 0.02 min

Lab File: BG017111.D

Acq: 13 May 2015 17:28

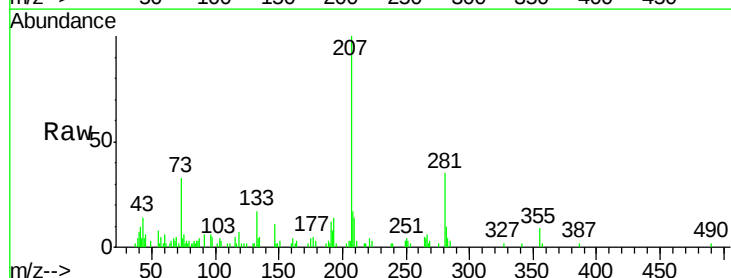
Tgt Ion:276 Resp: 140

Ion Ratio Lower Upper

276 100

277 0.0 18.9 28.3#

138 0.0 11.8 17.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

