

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052715\
 Data File : BG017303.D
 Acq On : 27 May 2015 15:41
 Operator : TP/IZ
 Sample : PB83599BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83599BS

Quant Time: May 28 03:27:44 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 02:22:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	25569	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	104173	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	66017	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	158183	20.00	ng	0.00
75) Chrysene-d12	21.26	240	186428	20.00	ng	0.00
86) Perylene-d12	23.51	264	181676	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	201662	139.93	ng	0.00
7) Phenol-d6	6.87	99	265216	131.14	ng	0.00
23) Nitrobenzene-d5	8.83	82	175920	78.84	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	119139	149.29	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	377462	83.90	ng	0.00
78) Terphenyl-d14	19.70	244	728852	81.47	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	19929	35.05	ng	97
3) Pyridine	3.52	79	61588	35.80	ng	96
4) n-Nitrosodimethylamine	3.44	42	46316	35.47	ng	# 89
6) Aniline	6.99	93	77193	27.59	ng	93
8) 2-Chlorophenol	7.24	128	72096	41.82	ng	93
9) Benzaldehyde	6.80	77	8978	5.23	ng	# 83
10) Phenol	6.89	94	92961	43.34	ng	96
11) bis(2-Chloroethyl)ether	7.09	93	65580	40.78	ng	91
12) 1,3-Dichlorobenzene	7.55	146	72833	37.83	ng	97
13) 1,4-Dichlorobenzene	7.69	146	75563	38.88	ng	95
14) 1,2-Dichlorobenzene	8.01	146	69812	37.61	ng	96
15) Benzyl Alcohol	7.91	79	75400	38.37	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	108390	41.57	ng	96
17) 2-Methylphenol	8.13	107	63217	40.65	ng	88
18) Hexachloroethane	8.73	117	30850	38.00	ng	93
19) n-Nitroso-di-n-propylamine	8.47	70	62319	35.37	ng	93
20) 3+4-Methylphenols	8.46	107	87250	40.37	ng	92
22) Acetophenone	8.49	105	108356	42.86	ng	99
24) Nitrobenzene	8.86	77	90749	41.57	ng	98
25) Isophorone	9.39	82	156678	38.10	ng	97
26) 2-Nitrophenol	9.57	139	40456	41.45	ng	92
27) 2,4-Dimethylphenol	9.66	122	72792	45.32	ng	92
28) bis(2-Chloroethoxy)methane	9.87	93	83850	41.88	ng	97
29) 2,4-Dichlorophenol	10.12	162	71066	46.90	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	71943	41.85	ng	96
31) Naphthalene	10.50	128	211145	41.42	ng	# 96
32) Benzoic acid	9.81	122	42595	39.13	ng	92
33) 4-Chloroaniline	10.63	127	56438	23.41	ng	# 91
34) Hexachlorobutadiene	10.79	225	45631	41.92	ng	99
35) Caprolactam	11.40	113	32602m	42.79	ng	
36) 4-Chloro-3-methylphenol	11.78	107	87565	45.74	ng	99
37) 2-Methylnaphthalene	12.12	142	163246	40.38	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	82208	44.01	ng	99
40) Hexachlorocyclopentadiene	12.48	237	106978	93.90	ng	91

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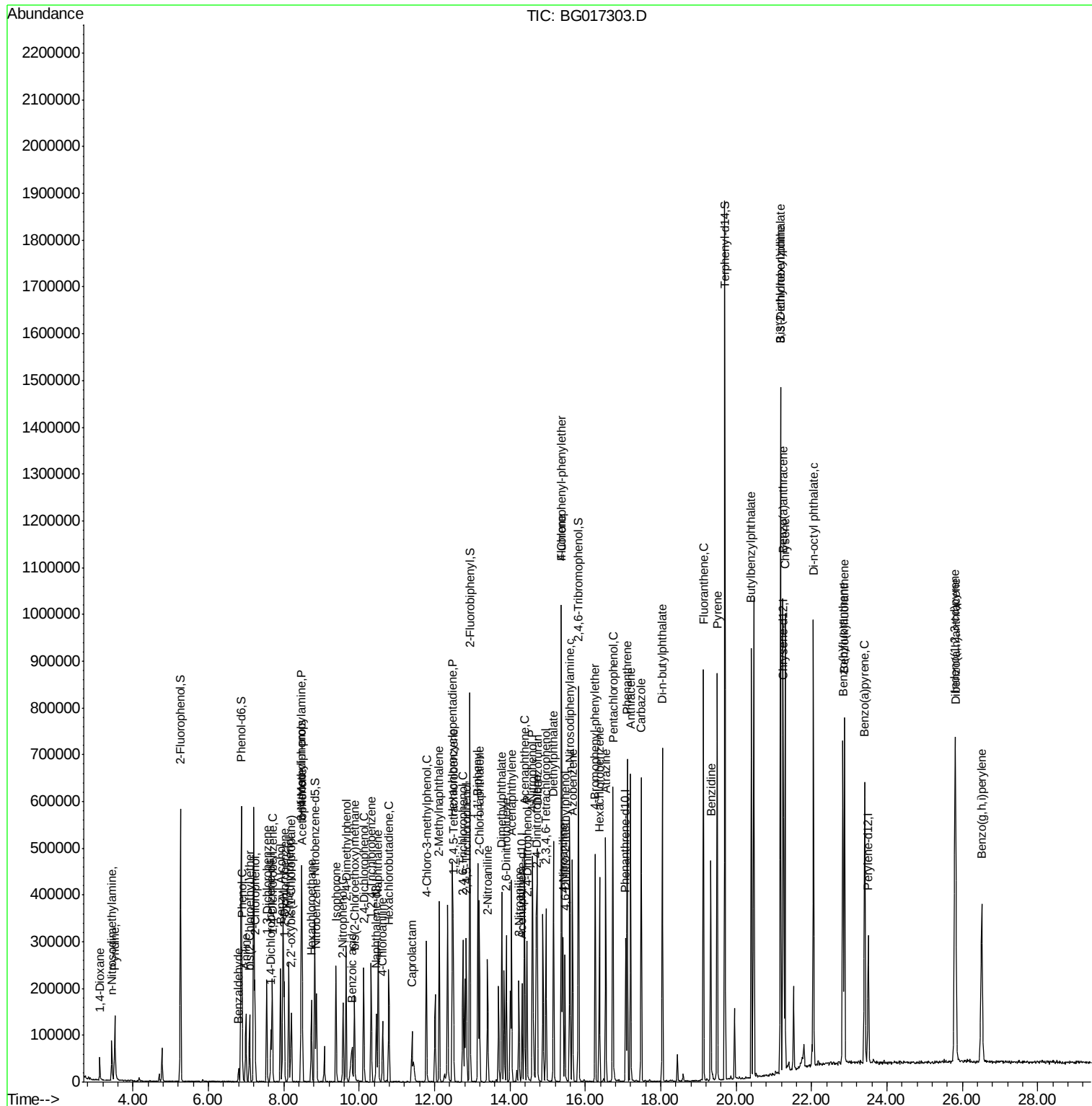
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	60383	45.58	nq	95
43) 2,4,5-Trichlorophenol	12.84	196	66248	48.53	nq	94
45) 1,1'-Biphenyl	13.15	154	207023	43.54	nq	97
46) 2-Chloronaphthalene	13.19	162	163799	43.51	nq	96
47) 2-Nitroaniline	13.40	65	65604	44.79	nq	98
48) Acenaphthylene	14.04	152	281166	43.60	nq	97
49) Dimethylphthalate	13.79	163	225899	43.76	nq	99
50) 2,6-Dinitrotoluene	13.91	165	51821	45.30	nq	95
51) Acenaphthene	14.39	154	163594	42.95	nq	93
52) 3-Nitroaniline	14.24	138	41803	32.94	nq	97
53) 2,4-Dinitrophenol	14.45	184	61429	92.50	nq	96
54) Dibenzofuran	14.72	168	259361	45.81	nq	98
55) 4-Nitrophenol	14.60	139	97325	95.24	nq	91
56) 2,4-Dinitrotoluene	14.70	165	78509	49.21	nq	91
57) Fluorene	15.37	166	226235	45.14	nq	98
58) 2,3,4,6-Tetrachlorophenol	14.96	232	59626	47.59	nq	99
59) Diethylphthalate	15.16	149	242991	43.82	nq	99
60) 4-Chlorophenyl-phenylether	15.37	204	118237	45.93	nq	94
61) 4-Nitroaniline	15.41	138	65596	46.33	nq	98
62) Azobenzene	15.66	77	246347	46.51	nq	96
64) 4,6-Dinitro-2-methylphenol	15.46	198	46819	43.18	nq	95
65) n-Nitrosodiphenylamine	15.59	169	198886	40.95	nq	97
66) 4-Bromophenyl-phenylether	16.27	248	74101	42.95	nq	96
67) Hexachlorobenzene	16.38	284	77045	42.32	nq	96
68) Atrazine	16.54	200	85190	47.96	nq	94
69) Pentachlorophenol	16.73	266	101706	89.49	nq	98
70) Phenanthrene	17.11	178	358255	43.92	nq	98
71) Anthracene	17.20	178	369578	44.71	nq	98
72) Carbazole	17.48	167	362167	47.68	nq	97
73) Di-n-butylphthalate	18.04	149	468528	46.10	nq	98
74) Fluoranthene	19.13	202	468146	47.79	nq	98
76) Benzidine	19.33	184	234454	38.52	nq	96
77) Pyrene	19.50	202	471627	41.23	nq	100
79) Butylbenzylphthalate	20.40	149	222802	42.84	nq	95
80) Benzo(a)anthracene	21.24	228	463140	43.35	nq	99
81) 3,3'-Dichlorobenzidine	21.18	252	125572	30.37	nq	98
82) Chrysene	21.30	228	431448	43.36	nq	99
83) Bis(2-ethylhexyl)phthalate	21.18	149	310031	41.95	nq	99
84) Di-n-octyl phthalate	22.05	149	526134	42.75	nq	98
85) Indeno(1,2,3-cd)pyrene	25.81	276	508912	42.74	nq	98
87) Benzo(b)fluoranthene	22.83	252	456747	43.13	nq	98
88) Benzo(k)fluoranthene	22.88	252	439179	43.68	nq	100
89) Benzo(a)pyrene	23.41	252	438253	45.06	nq	99
90) Dibenzo(a,h)anthracene	25.83	278	426535	42.72	nq	96
91) Benzo(g,h,i)perylene	26.52	276	407051	43.31	nq	# 96

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

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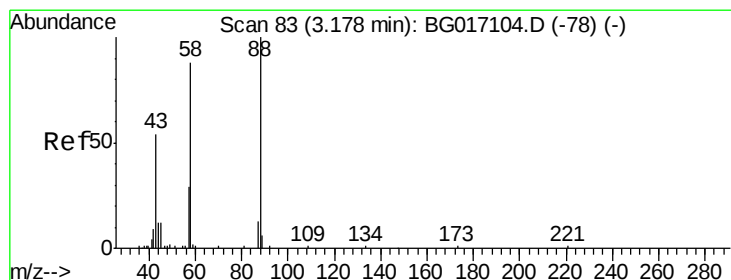
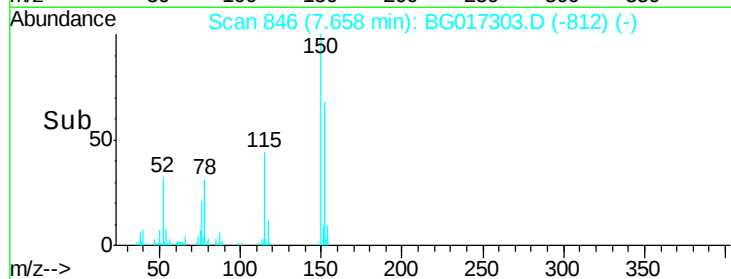
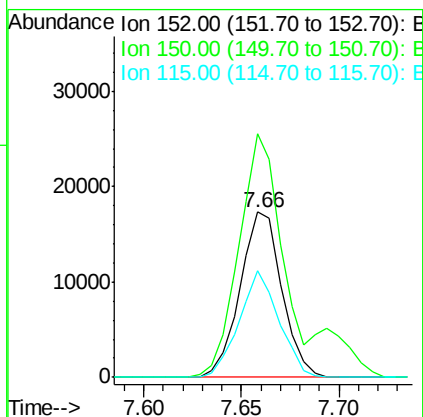
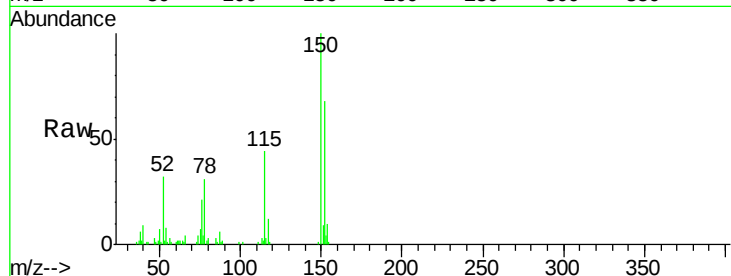


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.66 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG017303.D
Acq: 27 May 2015 15:41

Instrument :
BNA_G
ClientSampleId :
PB83599BS

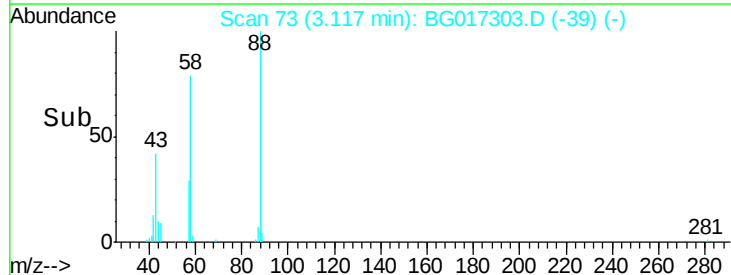
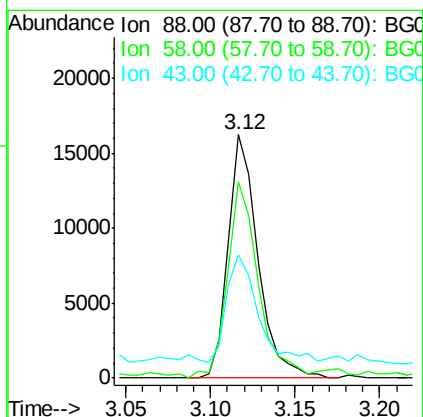
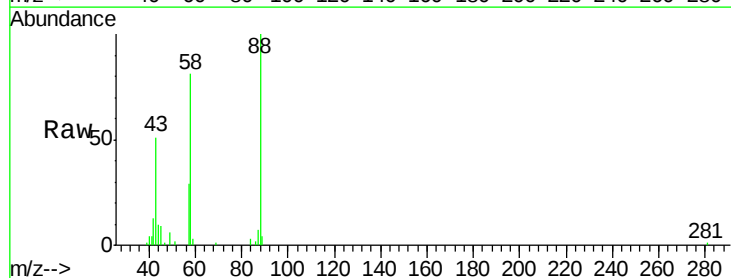
Tot Ion:152 Resp: 25569
Ion Ratio Lower Upper
152 100
150 147.4 120.8 181.2
115 64.5 49.4 74.2



#2

1,4-Dioxane
Concen: 35.05 ng
RT: 3.12 min Scan# 73
Delta R.T. -0.00 min
Lab File: BG017303.D
Acq: 27 May 2015 15:41

Tgt Ion: 88 Resp: 19929
Ion Ratio Lower Upper
88 100
58 83.1 68.6 103.0
43 48.3 40.3 60.5





#3

Pvridine

Concen: 35.80 ng

RT: 3.52 min Scan# 141

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

PB83599BS

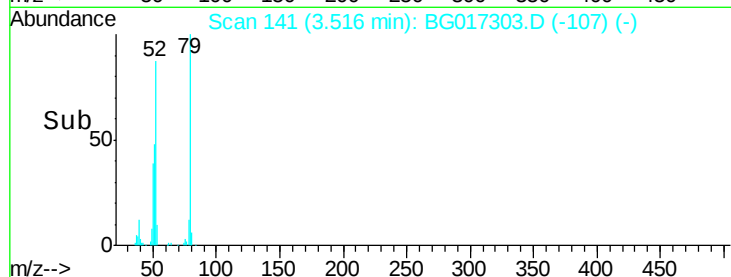
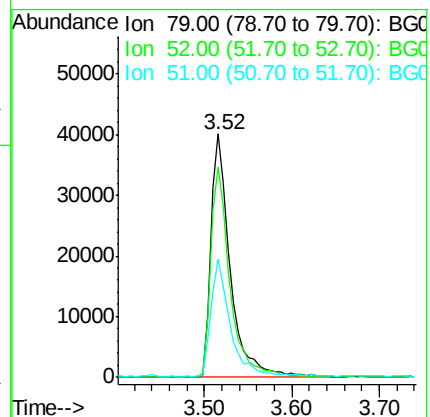
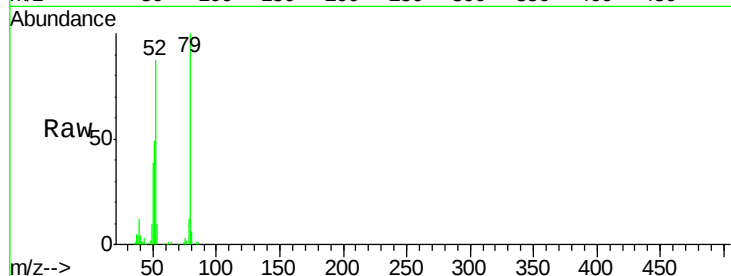
Tot Ion: 79 Resp: 61588

Ion Ratio Lower Upper

79 100

52 86.5 72.2 108.2

51 48.6 40.6 60.8



#4

n-Nitrosodimethylamine

Concen: 35.47 ng

RT: 3.44 min Scan# 128

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

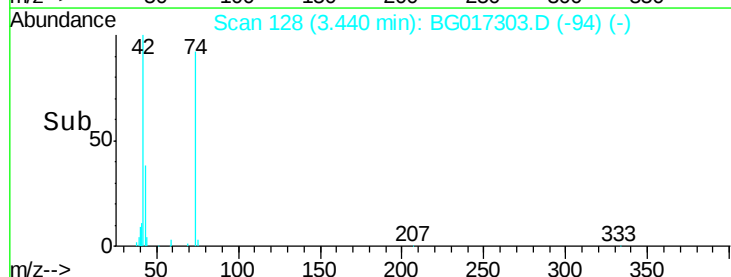
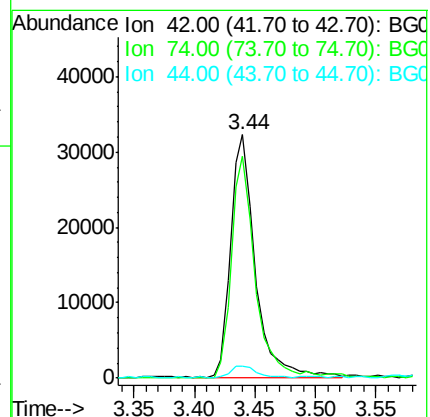
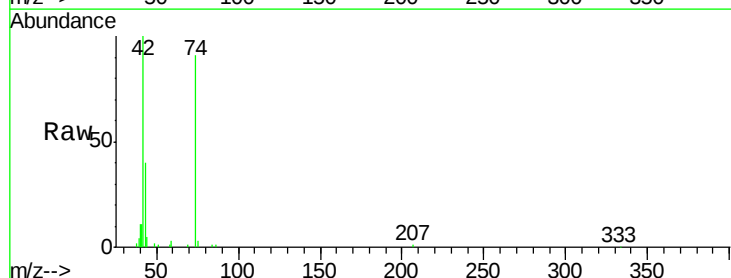
Tgt Ion: 42 Resp: 46316

Ion Ratio Lower Upper

42 100

74 91.3 65.2 97.8

44 4.9 3.2 4.8#





#5

2-Fluorophenol

Concen: 139.93 ng

RT: 5.26 min Scan# 438

Delta R.T. 0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

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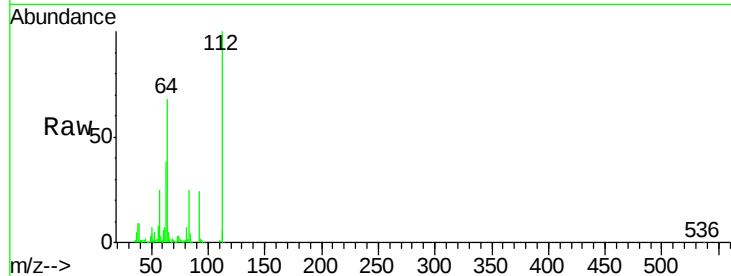
Tot Ion:112 Resp: 201662

Ion Ratio Lower Upper

112 100

64 68.1 48.1 72.1

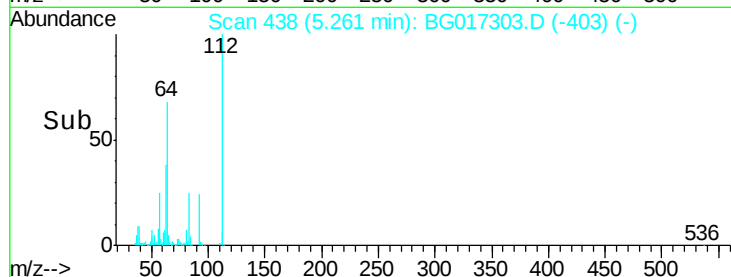
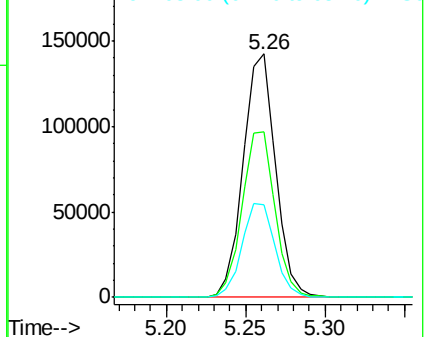
63 38.1 29.8 44.8



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: 27.59 ng

RT: 6.99 min Scan# 733

Delta R.T. 0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

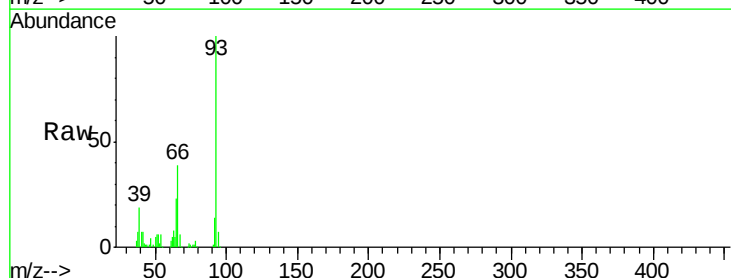
Tgt Ion: 93 Resp: 77193

Ion Ratio Lower Upper

93 100

66 38.5 35.8 53.8

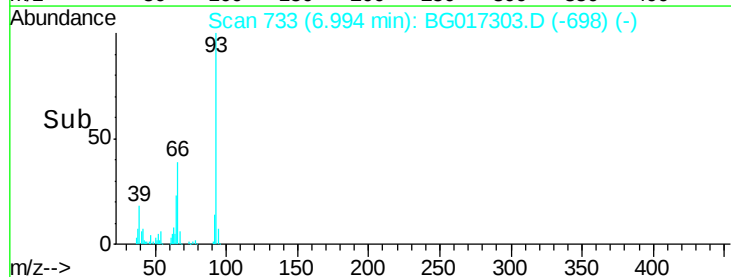
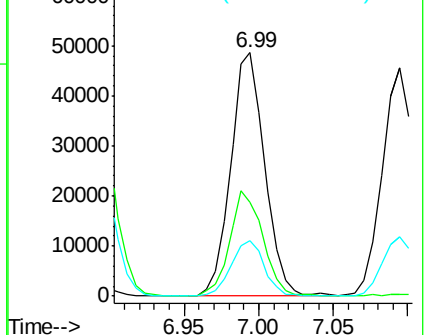
65 22.6 19.2 28.8

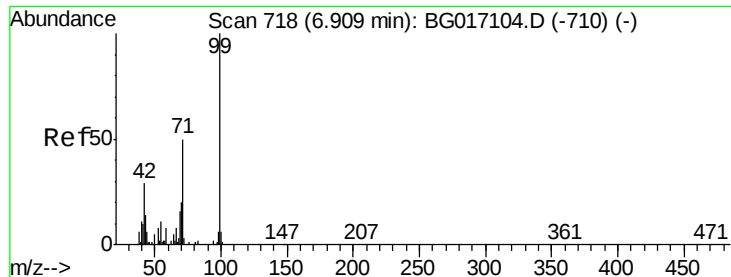


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 131.14 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

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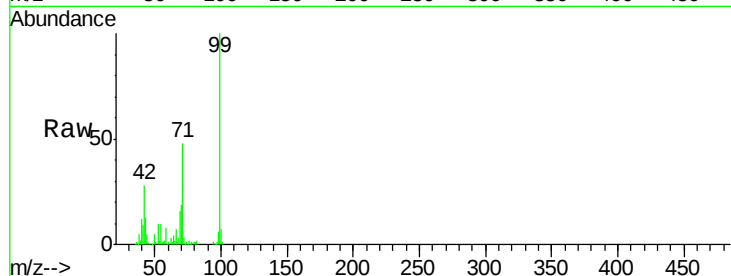
Tot Ion: 99 Resp: 265216

Ion Ratio Lower Upper

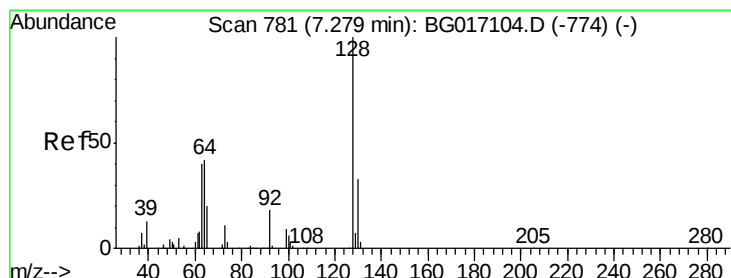
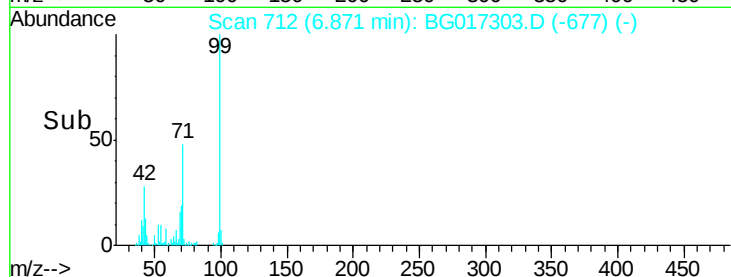
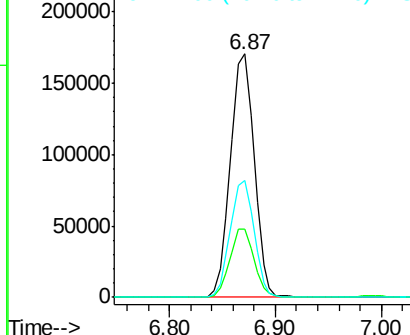
99 100

42 28.0 23.5 35.3

71 47.9 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: 41.82 ng

RT: 7.24 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

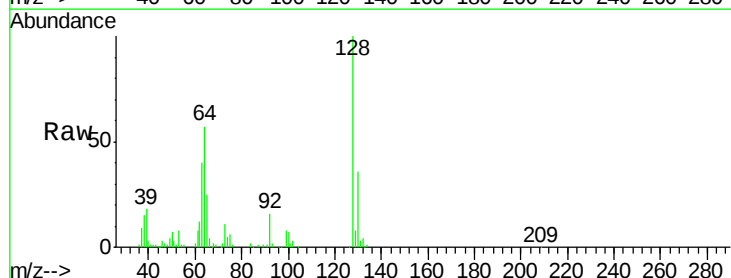
Tgt Ion: 128 Resp: 72096

Ion Ratio Lower Upper

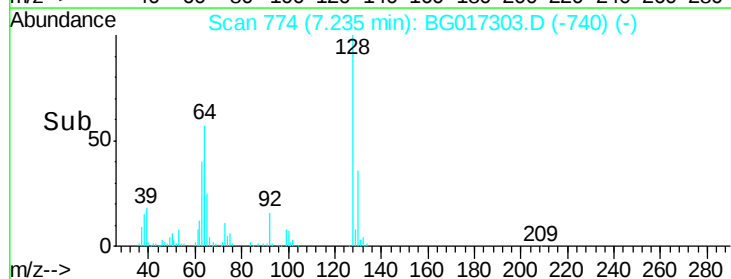
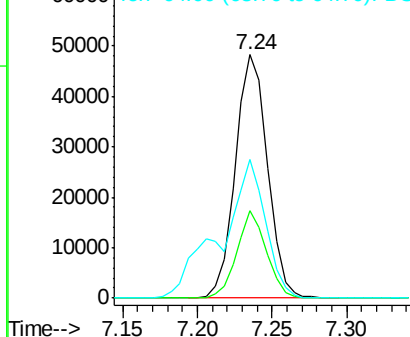
128 100

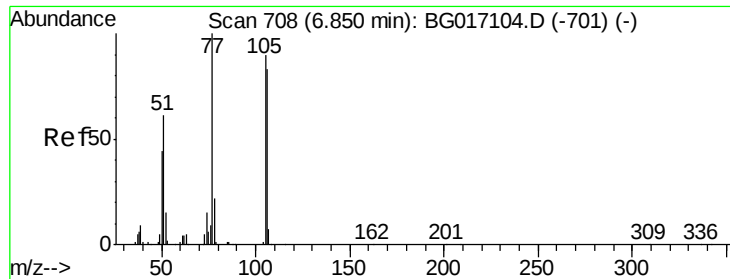
130 35.7 13.3 53.3

64 57.1 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: 5.23 ng

RT: 6.80 min Scan# 700

Delta R.T. -0.00 min

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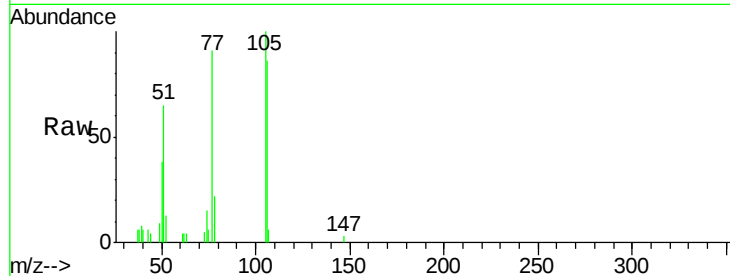
Tot Ion: 77 Resp: 8978

Ion Ratio Lower Upper

77 100

105 110.0 69.5 109.5#

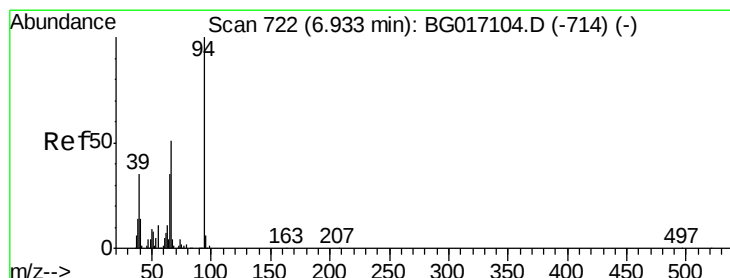
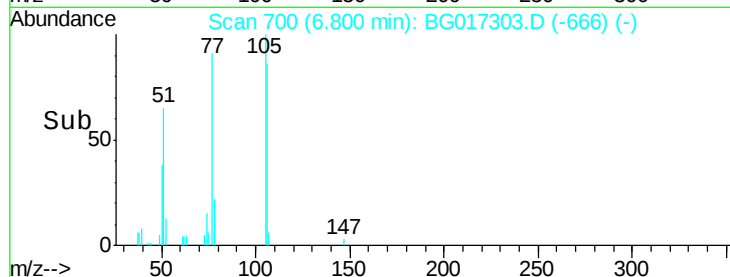
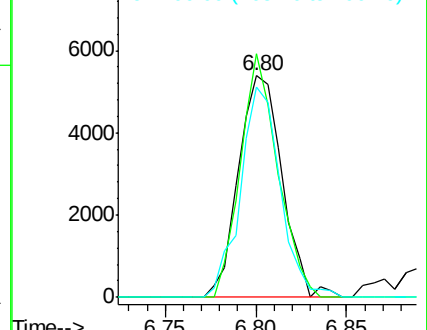
106 94.9 63.4 103.4



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: 43.34 ng

RT: 6.89 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

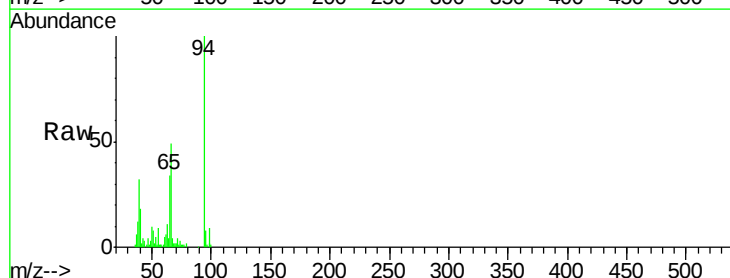
Tgt Ion: 94 Resp: 92961

Ion Ratio Lower Upper

94 100

65 34.0 15.0 55.0

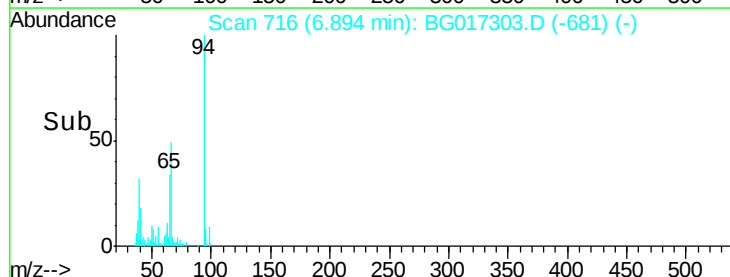
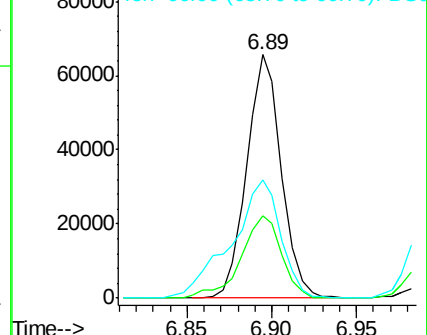
66 48.6 32.1 72.1

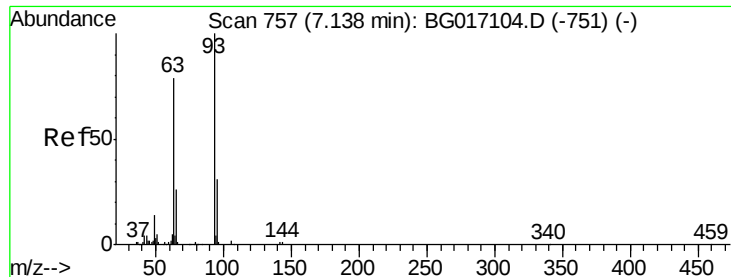


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 40.78 ng

RT: 7.09 min Scan# 750

Delta R.T. 0.00 min

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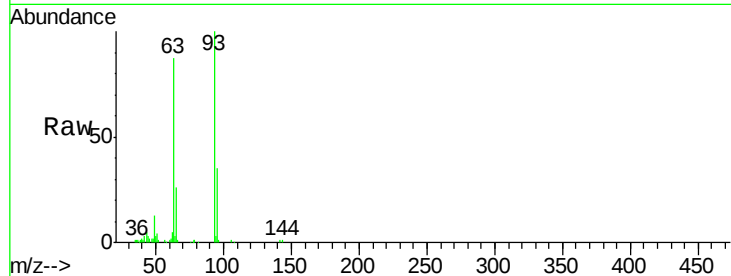
Tot Ion: 93 Resp: 65580

Ion Ratio Lower Upper

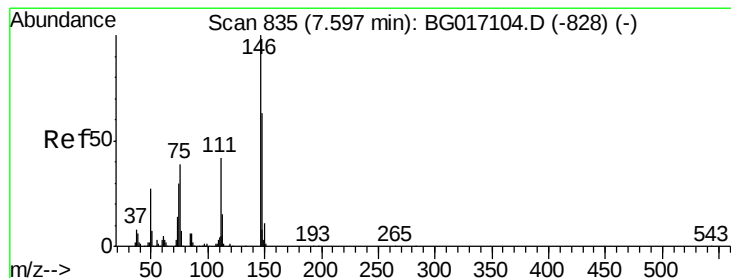
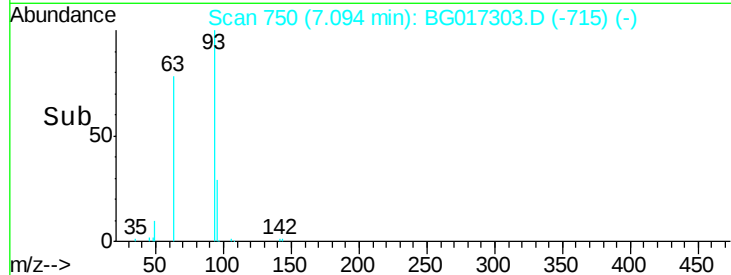
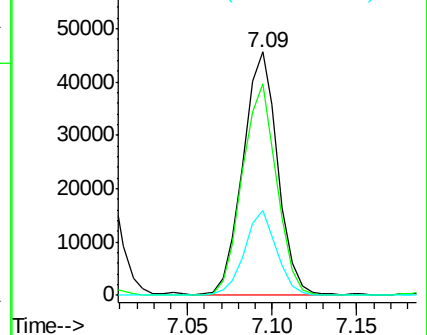
93 100

63 87.1 58.5 98.5

95 34.8 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: 37.83 ng

RT: 7.55 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

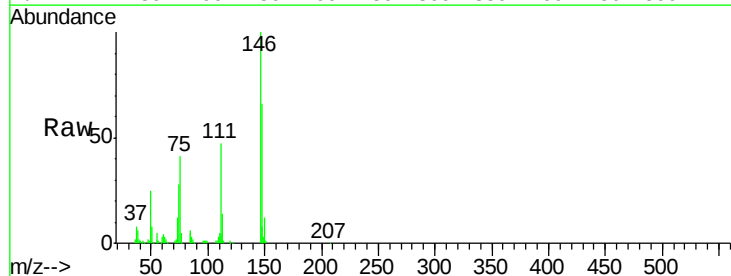
Tgt Ion: 146 Resp: 72833

Ion Ratio Lower Upper

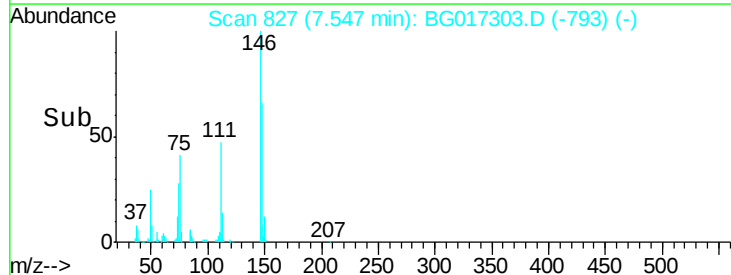
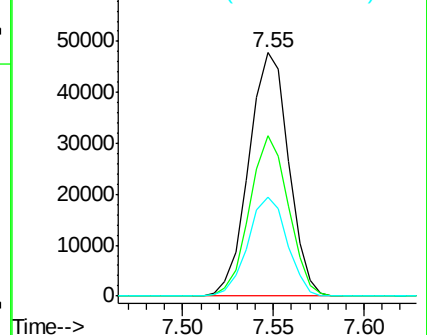
146 100

148 65.8 50.6 75.8

75 40.6 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

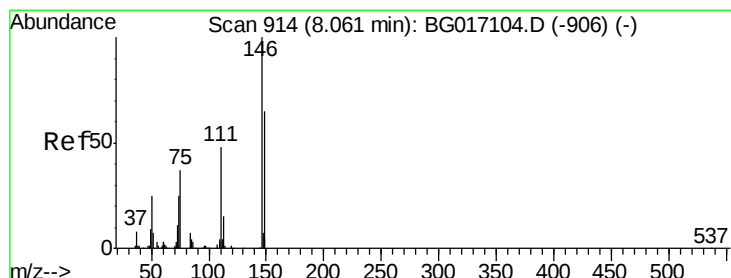
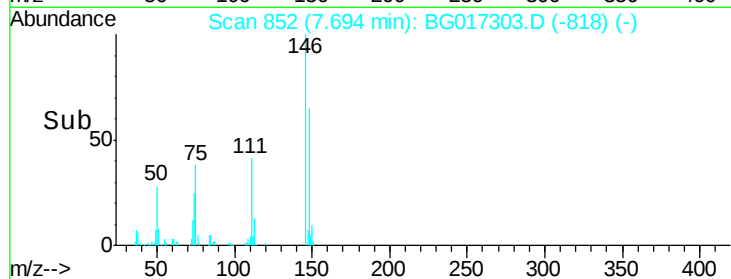
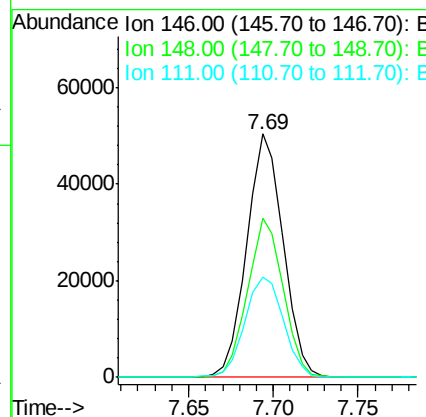
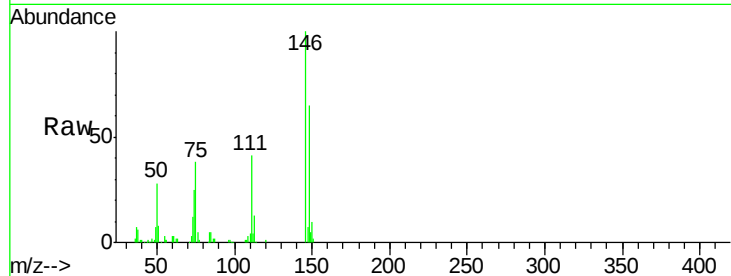




#13
 1,4-Dichlorobenzene
 Concen: 38.88 ng
 RT: 7.69 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG017303.D
 Acq: 27 May 2015 15:41

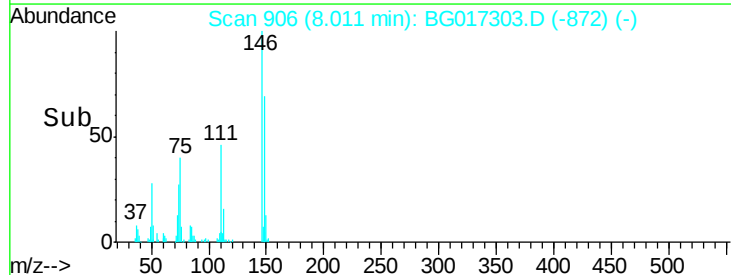
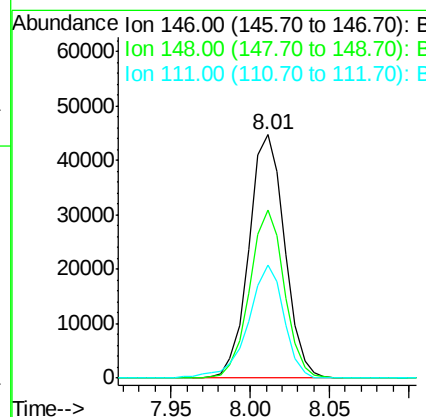
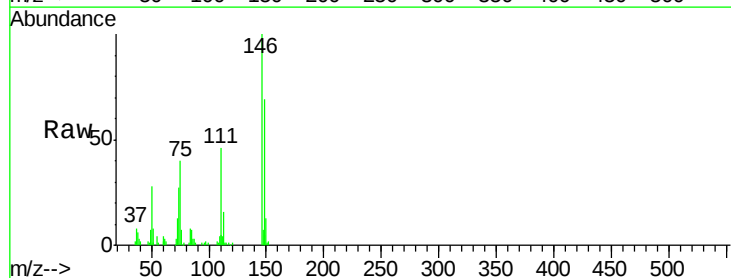
Instrument :
 BNA_G
 ClientSampleId :
 PB83599BS

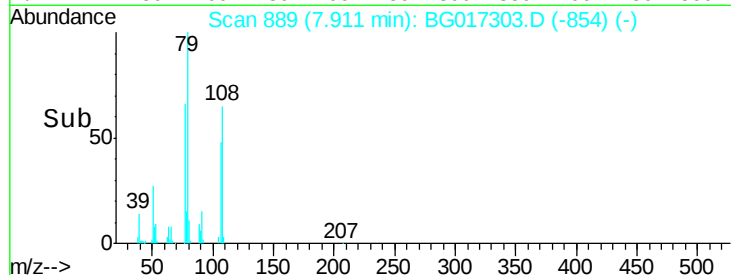
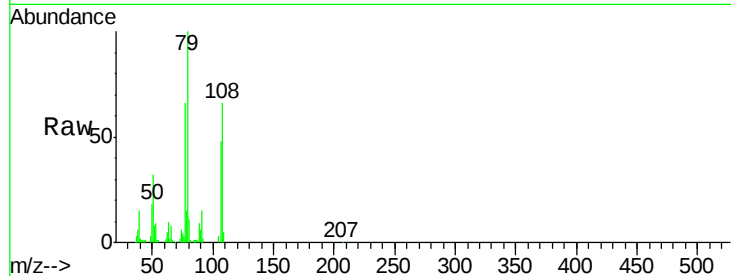
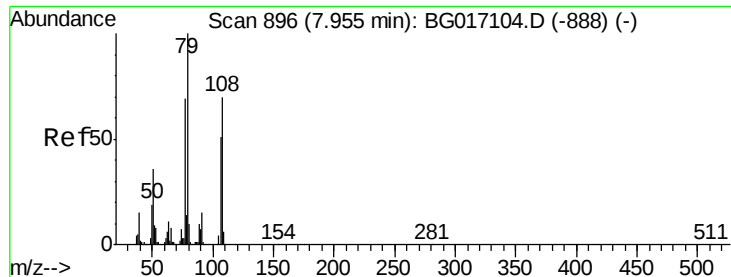
Tot Ion:146 Resp: 75563
 Ion Ratio Lower Upper
 146 100
 148 65.2 53.9 80.9
 111 41.3 37.9 56.9



#14
 1,2-Dichlorobenzene
 Concen: 37.61 ng
 RT: 8.01 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG017303.D
 Acq: 27 May 2015 15:41

Tgt Ion:146 Resp: 69812
 Ion Ratio Lower Upper
 146 100
 148 69.0 52.3 78.5
 111 46.4 39.0 58.4





#15

Benzyl Alcohol

Concen: 38.37 ng

RT: 7.91 min Scan# 889

Delta R.T. 0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

PB83599BS

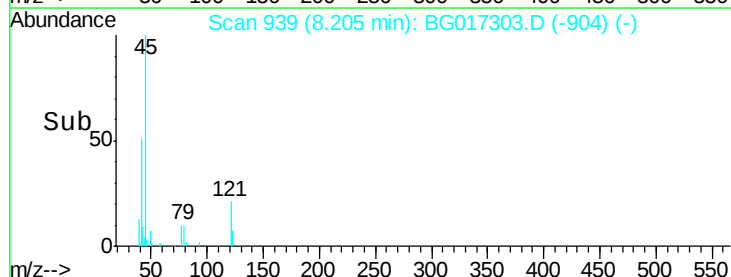
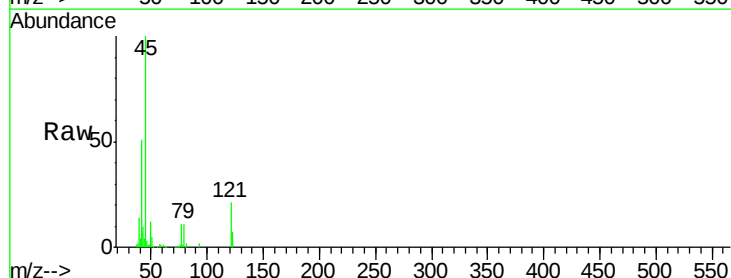
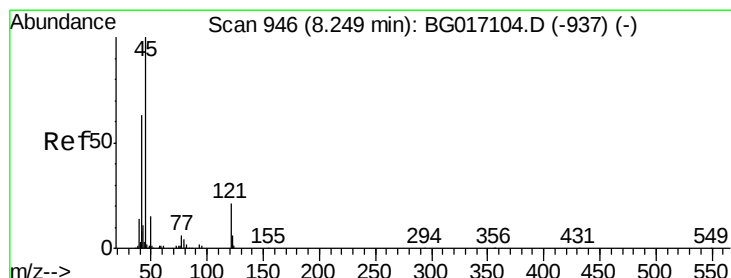
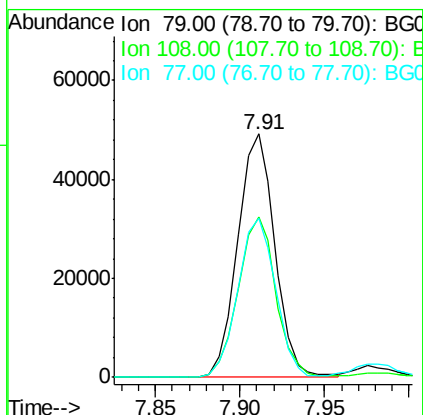
Tot Ion: 79 Resp: 75400

Ion Ratio Lower Upper

79 100

108 65.7 55.8 83.6

77 65.5 55.4 83.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.57 ng

RT: 8.20 min Scan# 939

Delta R.T. 0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

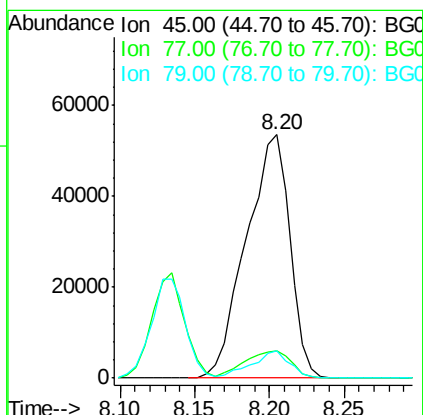
Tgt Ion: 45 Resp: 108390

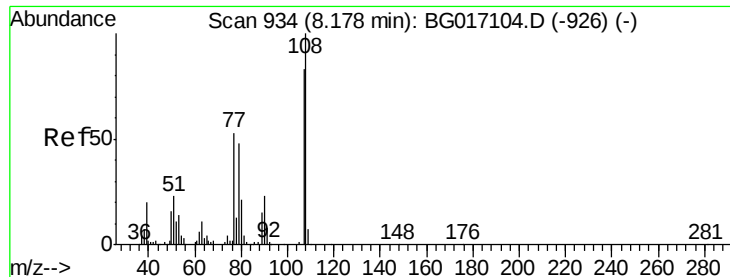
Ion Ratio Lower Upper

45 100

77 11.0 0.0 32.5

79 11.1 0.0 29.4





#17

2-Methylphenol

Concen: 40.65 ng

RT: 8.13 min Scan# 927

Delta R.T. 0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

PB83599BS

Tot Ion:107 Resp: 63217

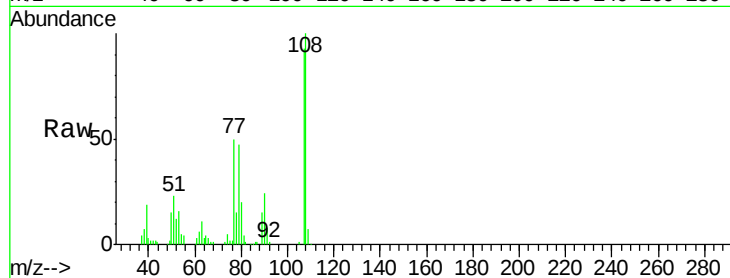
Ion Ratio Lower Upper

107 100

108 107.5 96.6 144.8

77 53.4 51.2 76.8

79 50.0 45.9 68.9

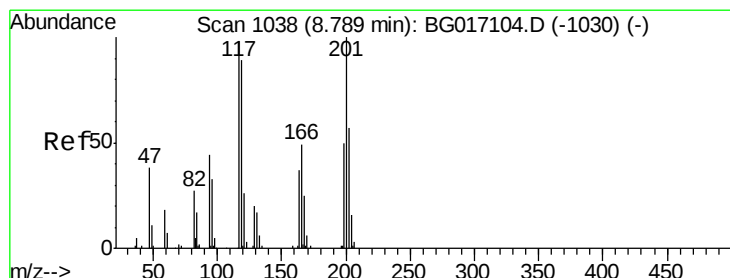
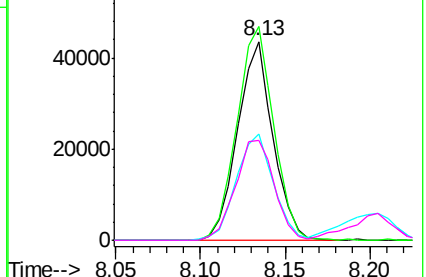
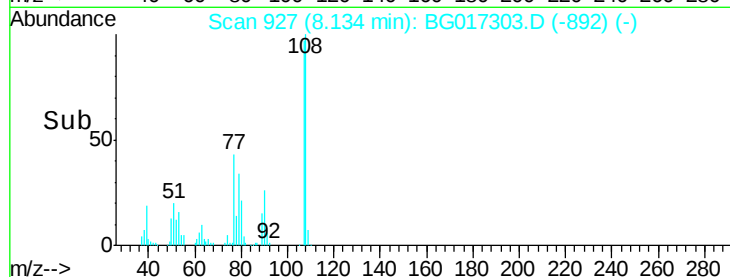


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.00 ng

RT: 8.73 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

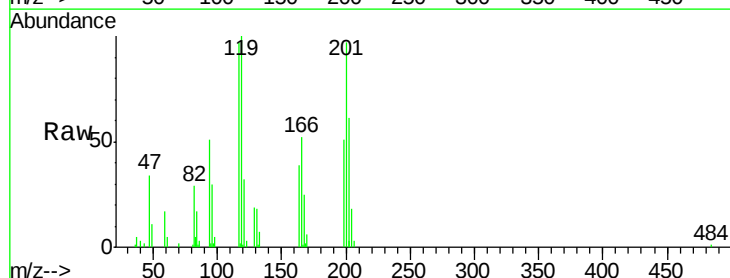
Tgt Ion:117 Resp: 30850

Ion Ratio Lower Upper

117 100

119 103.2 73.0 109.6

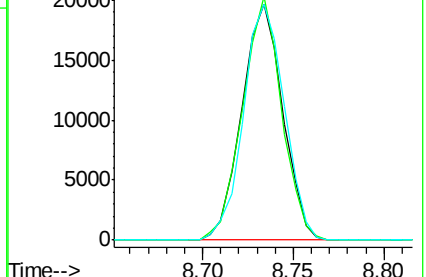
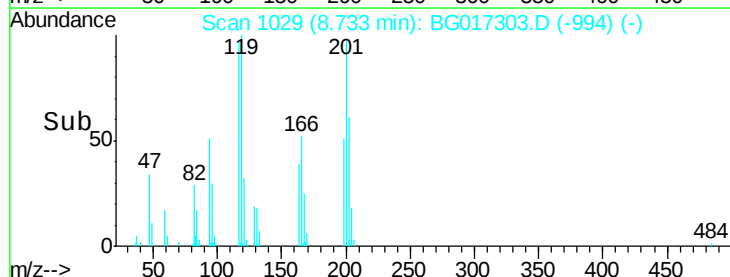
201 99.8 81.7 122.5

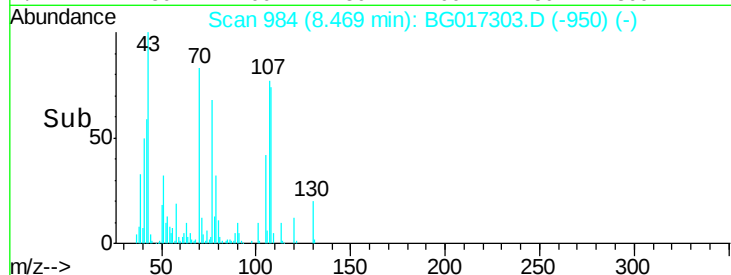
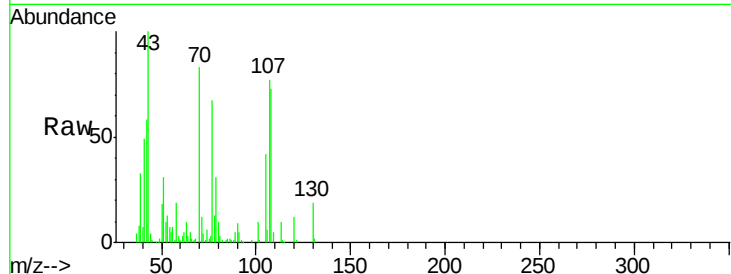
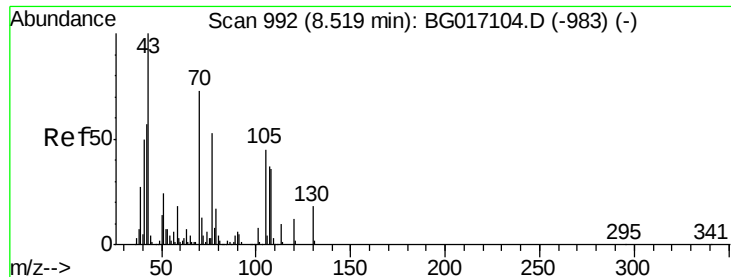


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

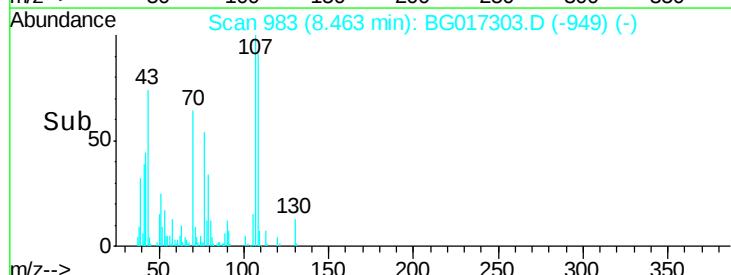
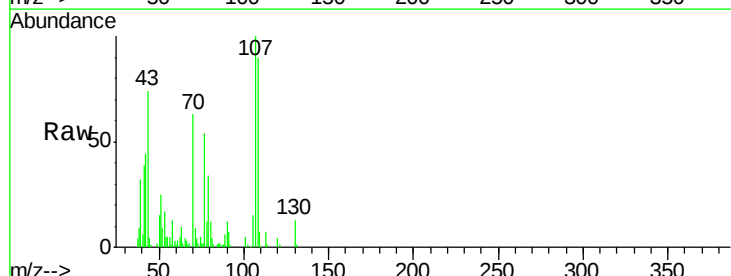
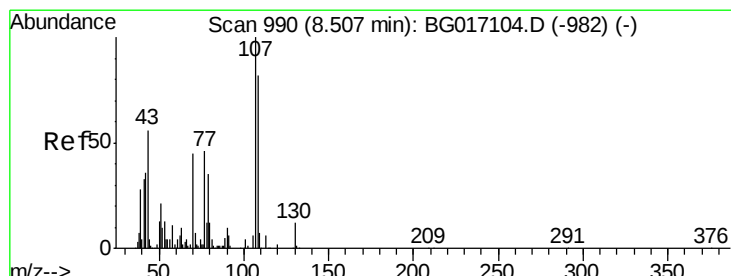
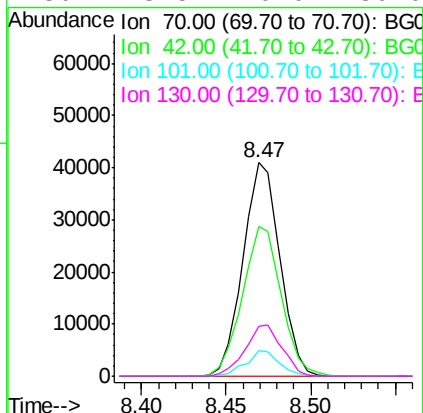




#19
n-Nitroso-di-n-propylamine
Concen: 35.37 ng
RT: 8.47 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG017303.D
Acq: 27 May 2015 15:41

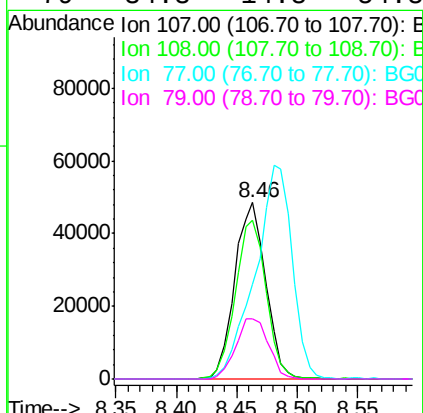
Instrument :
BNA_G
ClientSampleId :
PB83599BS

Tot Ion:	70	Resp:	62319
Ion	Ratio	Lower	Upper
70	100		
42	70.3	62.6	94.0
101	12.1	9.0	13.4
130	23.5	20.0	30.0



#20
3+4-Methylphenols
Concen: 40.37 ng
RT: 8.46 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG017303.D
Acq: 27 May 2015 15:41

Tgt Ion:	107	Resp:	87250
Ion	Ratio	Lower	Upper
107	100		
108	90.3	62.2	102.2
77	53.9	26.0	66.0
79	34.3	14.8	54.8

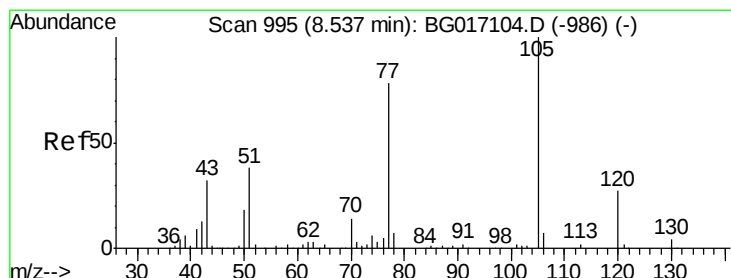
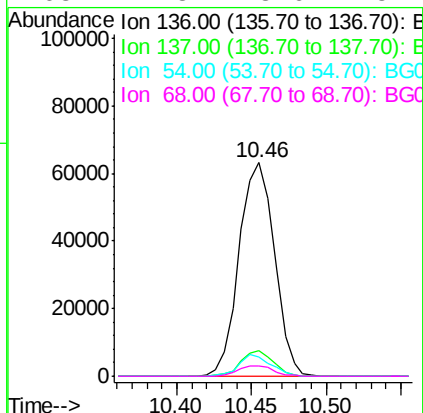
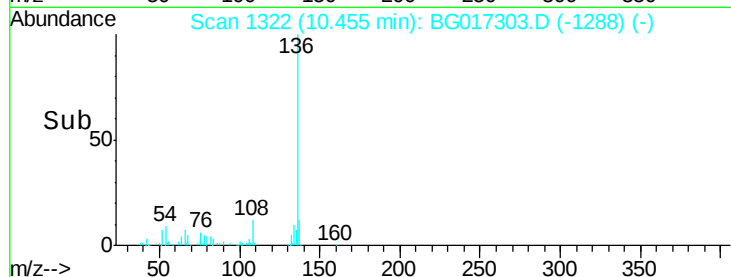
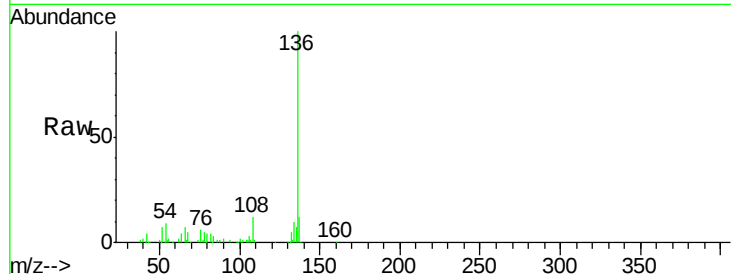




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.46 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG017303.D
Acq: 27 May 2015 15:41

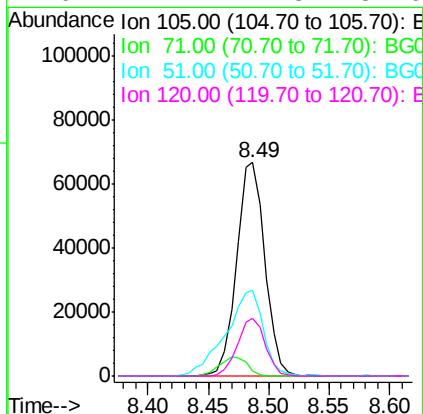
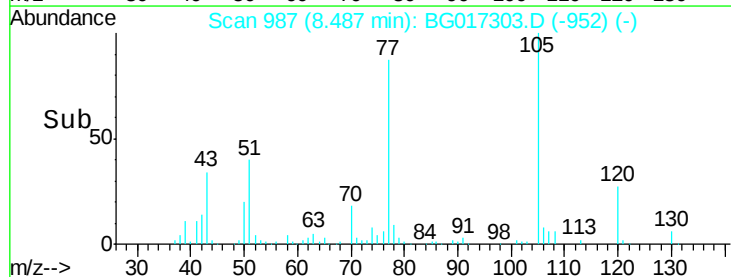
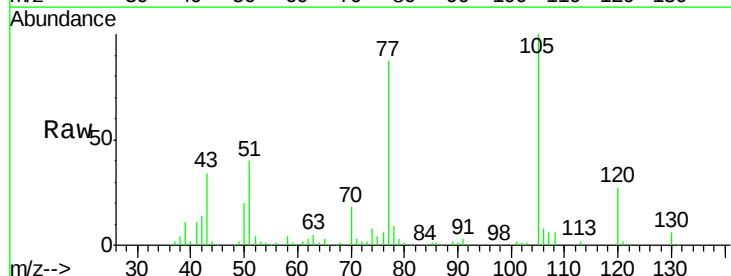
Instrument :
BNA_G
ClientSampleId :
PB83599BS

Tot Ion:136	Resp:	104173
Ion	Ratio	Lower Upper
136	100	
137	12.0	8.3 12.5
54	9.2	7.4 11.2
68	4.8	3.6 5.4



#22
Acetophenone
Concen: 42.86 ng
RT: 8.49 min Scan# 987
Delta R.T. 0.00 min
Lab File: BG017303.D
Acq: 27 May 2015 15:41

Tgt Ion:105	Resp:	108356
Ion	Ratio	Lower Upper
105	100	
71	2.6	2.2 3.4
51	39.9	32.8 49.2
120	27.1	21.8 32.6

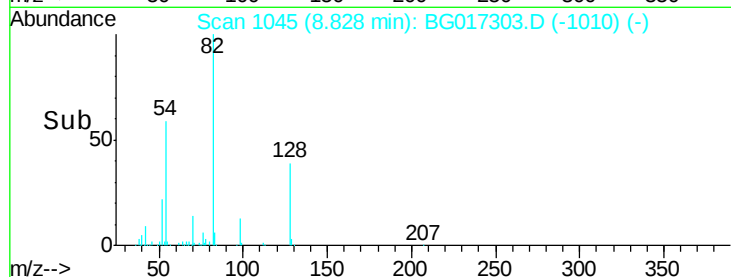
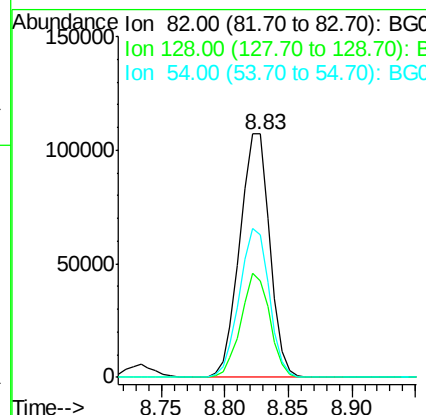
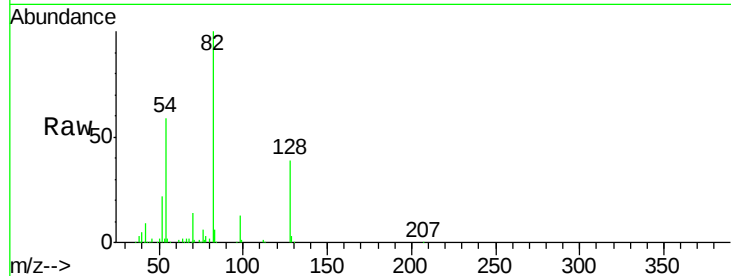




#23
 Nitrobenzene-d5
 Concen: 78.84 ng
 RT: 8.83 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BG017303.D
 Acq: 27 May 2015 15:41

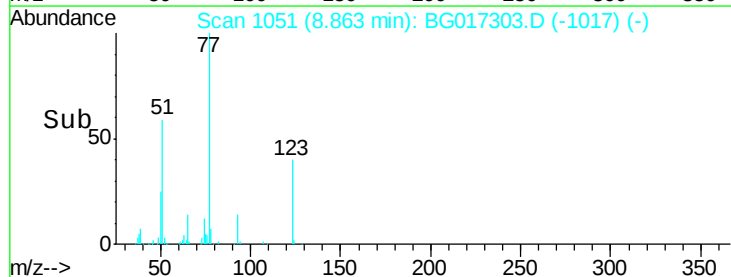
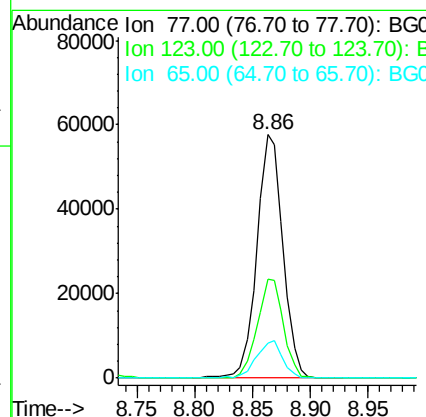
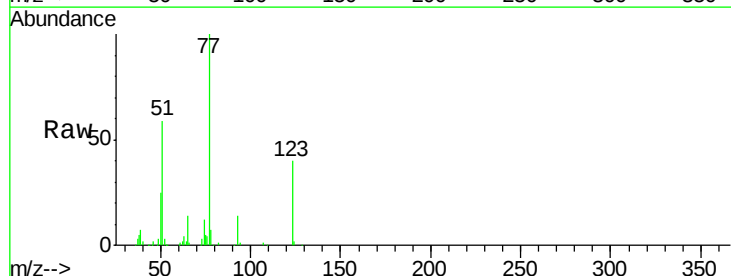
Instrument :
 BNA_G
 ClientSampleId :
 PB83599BS

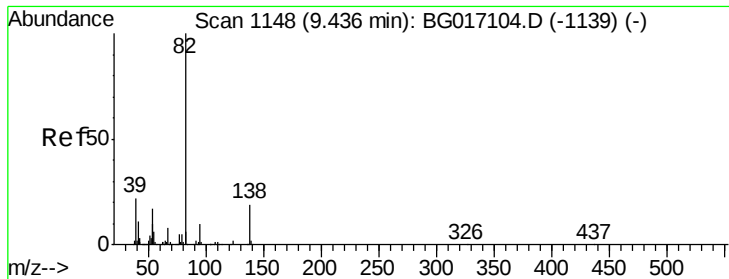
Tot Ion: 82 Resp: 175920
 Ion Ratio Lower Upper
 82 100
 128 39.4 32.6 49.0
 54 58.8 49.6 74.4



#24
 Nitrobenzene
 Concen: 41.57 ng
 RT: 8.86 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BG017303.D
 Acq: 27 May 2015 15:41

Tgt Ion: 77 Resp: 90749
 Ion Ratio Lower Upper
 77 100
 123 40.5 33.0 49.4
 65 14.4 13.3 19.9





#25

Isophorone

Concen: 38.10 ng

RT: 9.39 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

PB83599BS

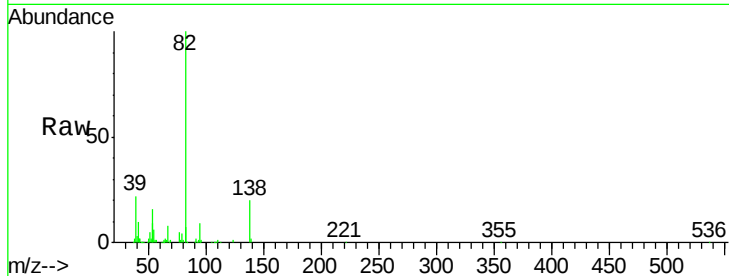
Tot Ion: 82 Resp: 156678

Ion Ratio Lower Upper

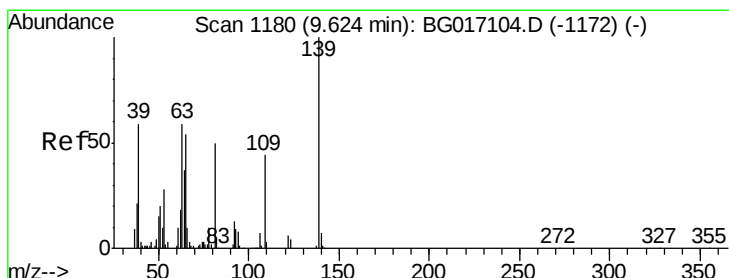
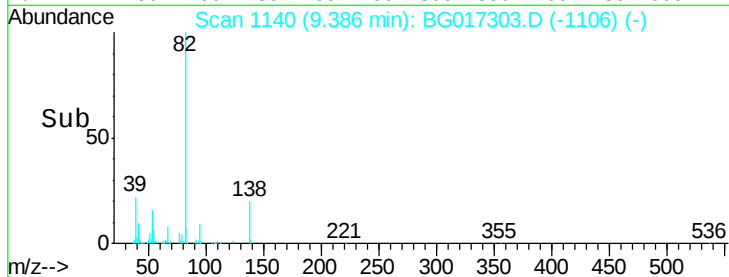
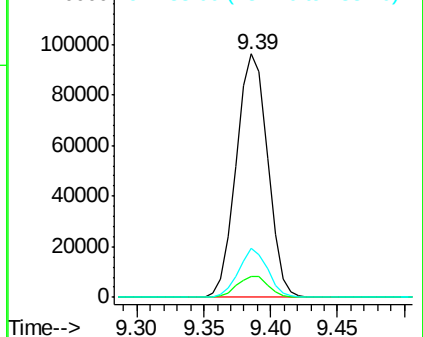
82 100

95 8.7 7.7 11.5

138 20.2 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: 41.45 ng

RT: 9.57 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

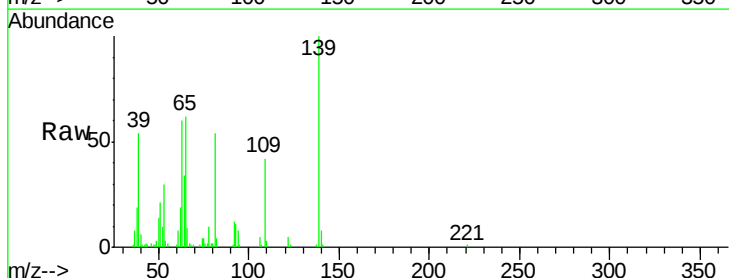
Tgt Ion: 139 Resp: 40456

Ion Ratio Lower Upper

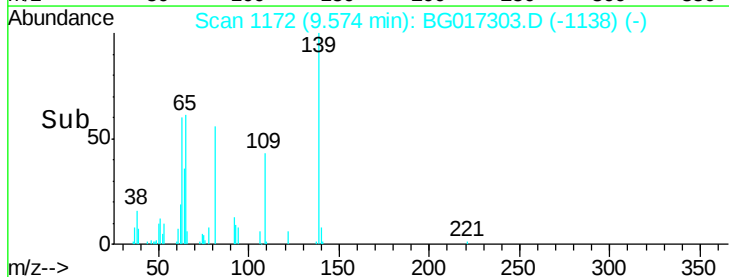
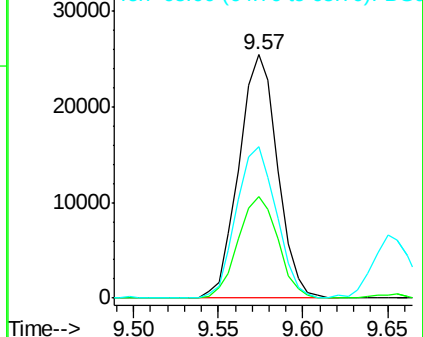
139 100

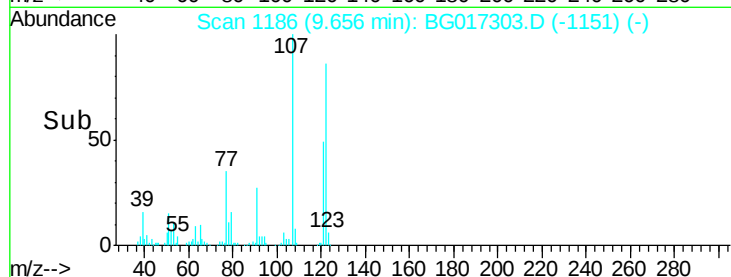
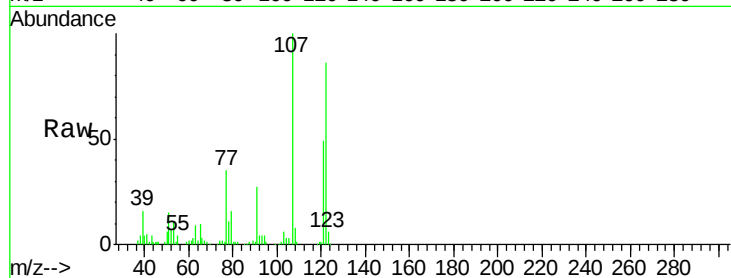
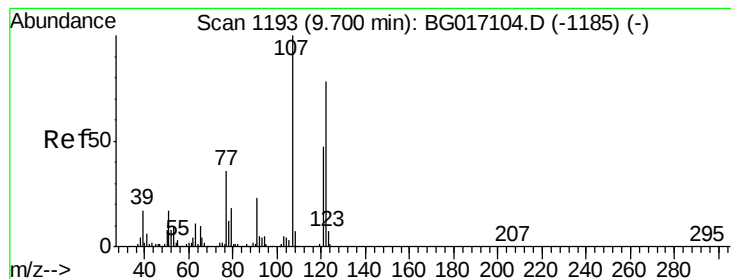
109 41.7 34.9 52.3

65 62.1 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: 45.32 ng

RT: 9.66 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

PB83599BS

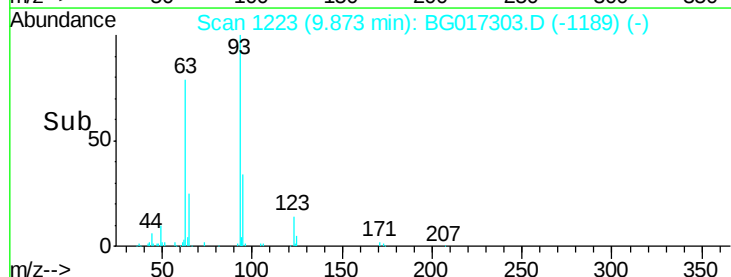
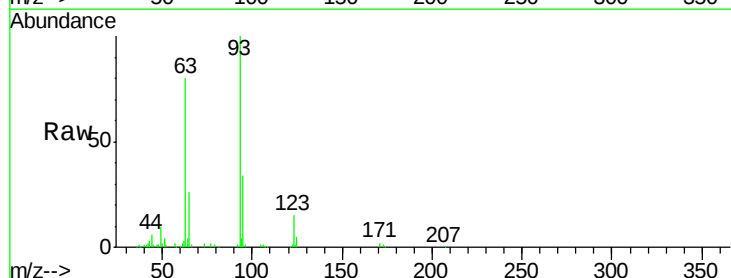
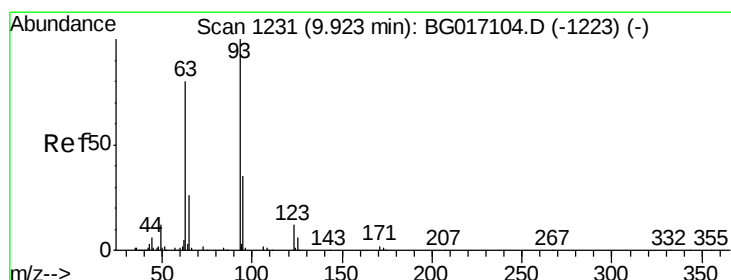
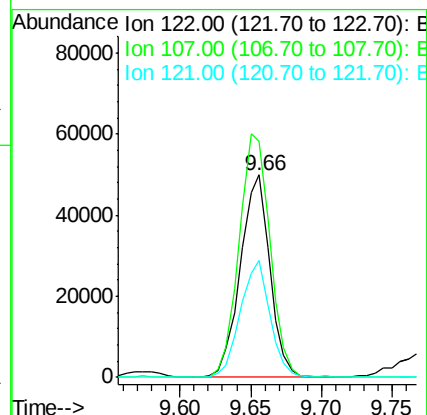
Tot Ion:122 Resp: 72792

Ion Ratio Lower Upper

122 100

107 116.8 102.3 153.5

121 57.6 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 41.88 ng

RT: 9.87 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

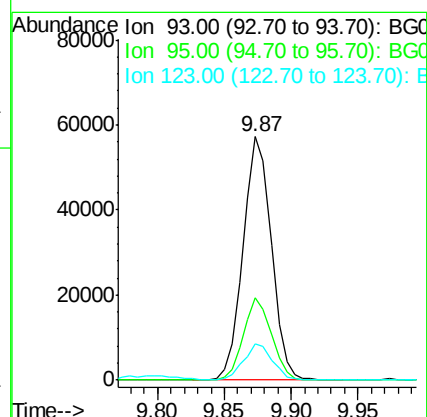
Tgt Ion: 93 Resp: 83850

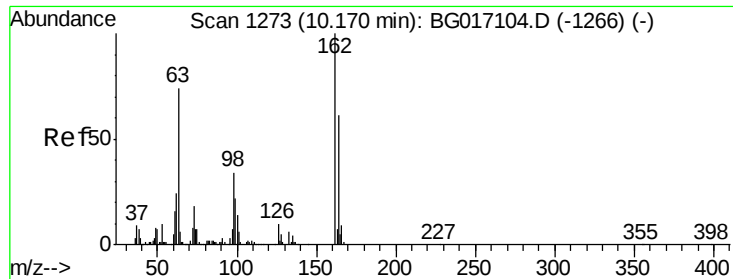
Ion Ratio Lower Upper

93 100

95 33.6 28.0 42.0

123 15.1 10.3 15.5

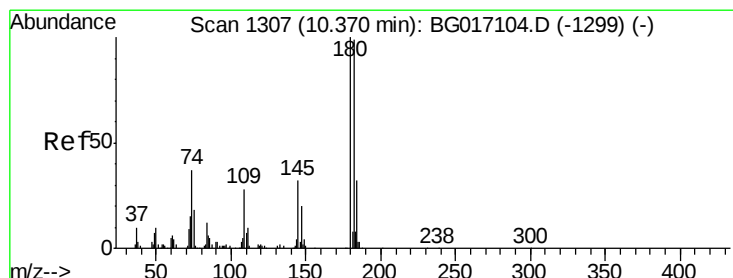
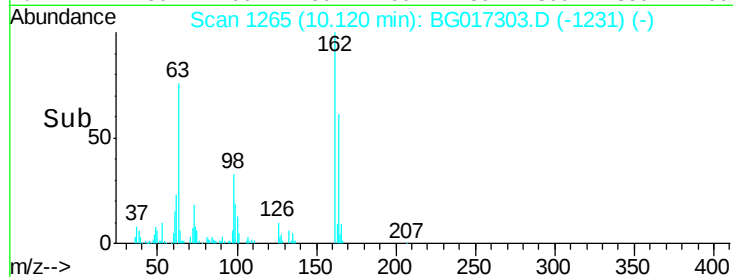
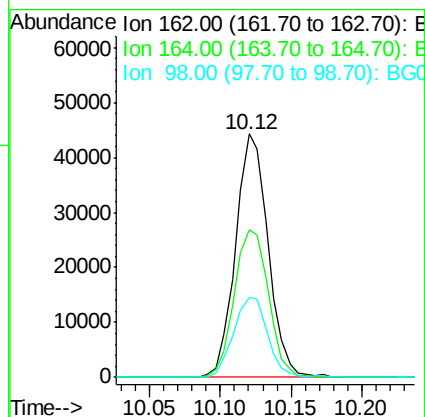
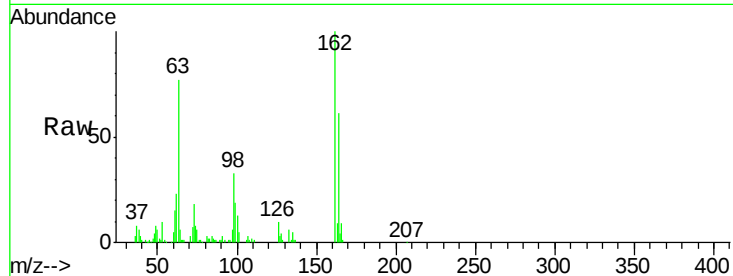




#29
 2,4-Dichlorophenol
 Concen: 46.90 ng
 RT: 10.12 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG017303.D
 Acq: 27 May 2015 15:41

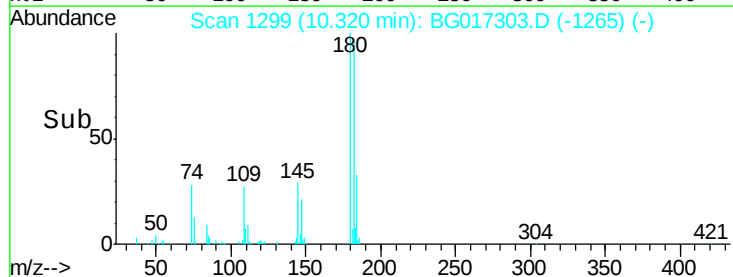
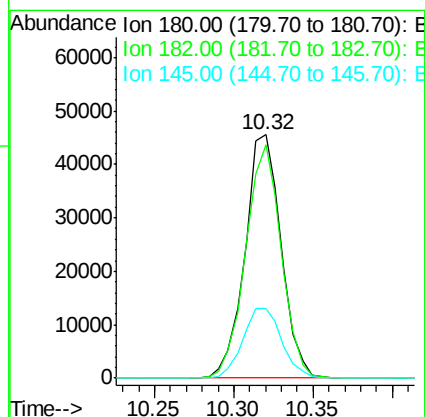
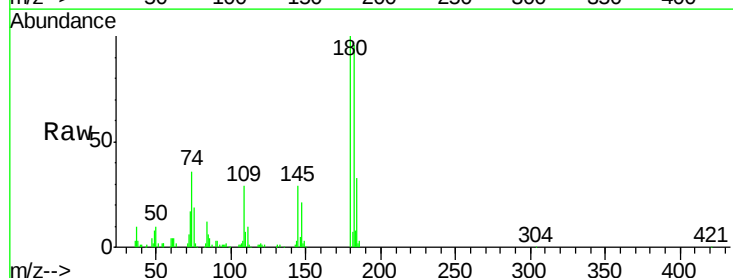
Instrument :
 BNA_G
 ClientSampleId :
 PB83599BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.6	41.4	81.4
98	32.9	14.3	54.3



#30
 1,2,4-Trichlorobenzene
 Concen: 41.85 ng
 RT: 10.32 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BG017303.D
 Acq: 27 May 2015 15:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	79.4	119.0
145	28.6	25.3	37.9

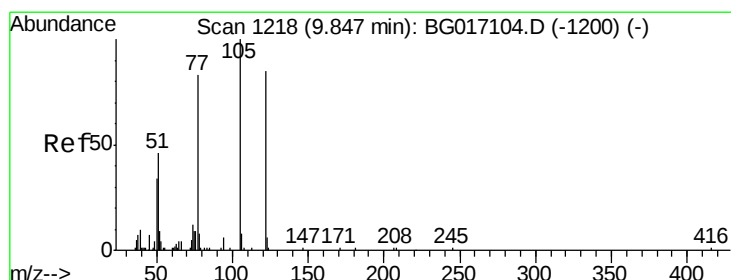
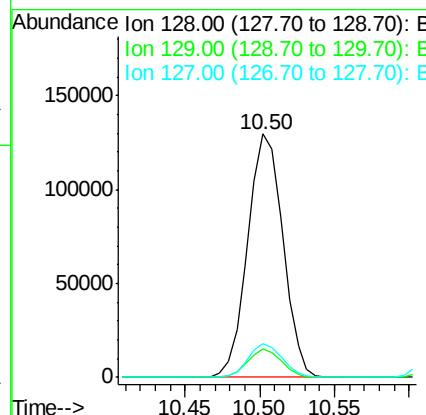
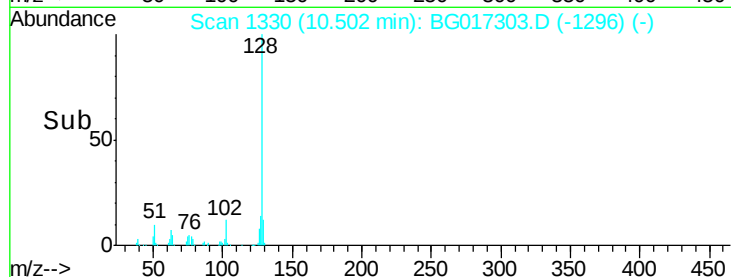
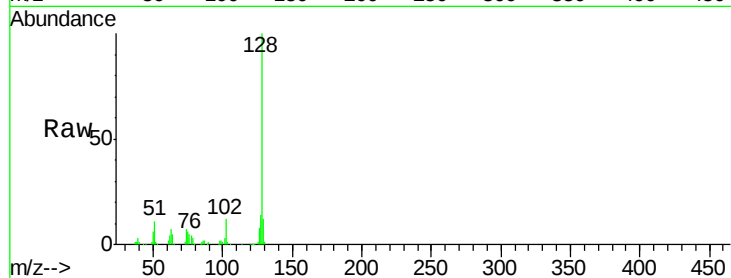




#31
Naphthalene
Concen: 41.42 ng
RT: 10.50 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG017303.D
Acq: 27 May 2015 15:41

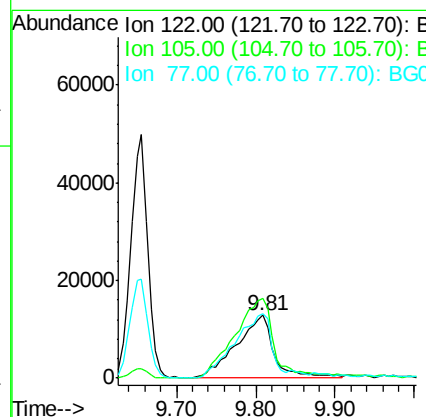
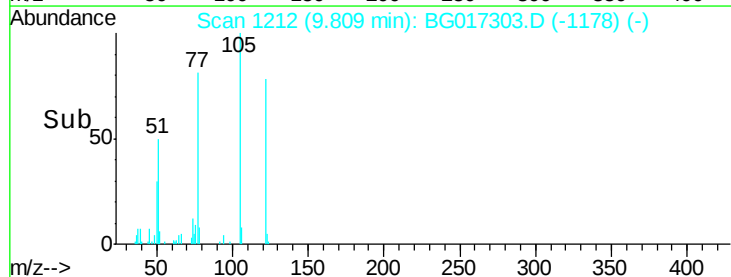
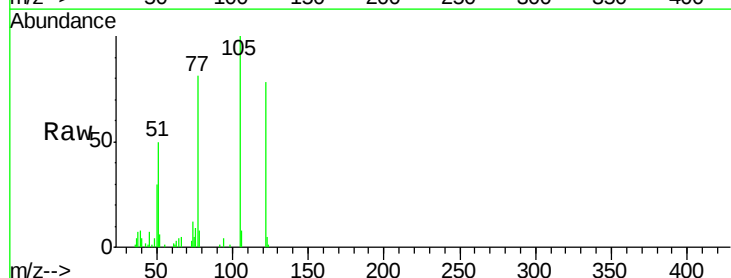
Instrument :
BNA_G
ClientSampleId :
PB83599BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	7.6	11.4#
127	14.1	10.6	16.0



#32
Benzoic acid
Concen: 39.13 ng
RT: 9.81 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BG017303.D
Acq: 27 May 2015 15:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.8	96.7	136.7
77	103.7	78.5	118.5

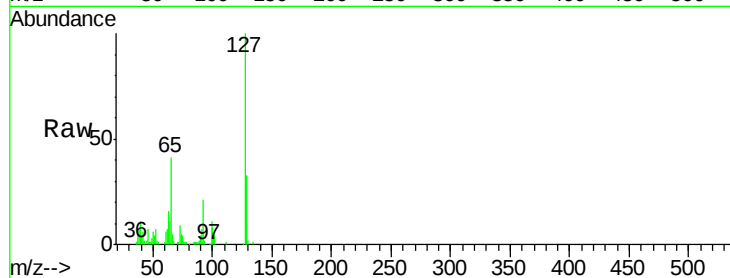




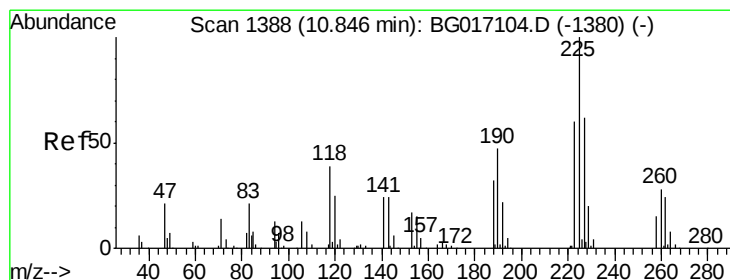
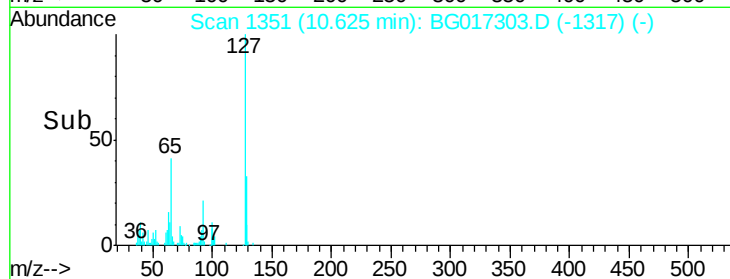
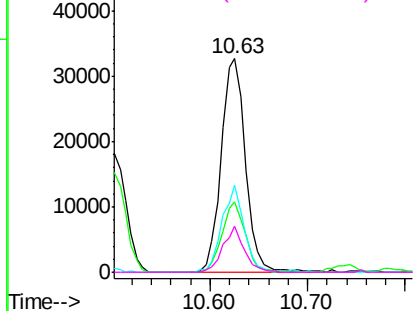
#33
4-Chloroaniline
Concen: 23.41 ng
RT: 10.63 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG017303.D
Acq: 27 May 2015 15:41

Instrument :
BNA_G
ClientSampleId :
PB83599BS

Tot Ion:127	Resp:	56438
Ion Ratio	Lower	Upper
127	100	
129	33.3	24.8 37.2
65	40.8	25.8 38.6
92	21.4	15.0 22.4

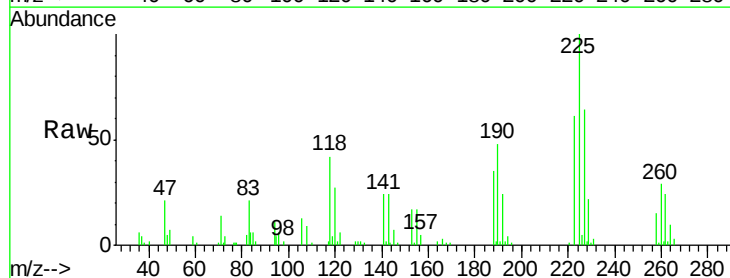


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

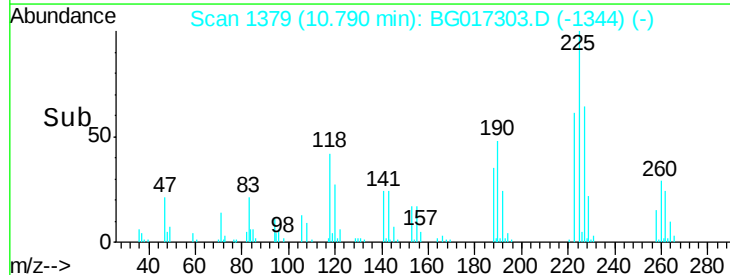
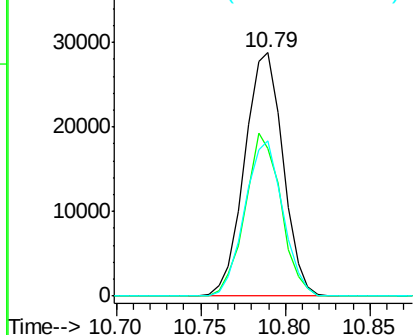


#34
Hexachlorobutadiene
Concen: 41.92 ng
RT: 10.79 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BG017303.D
Acq: 27 May 2015 15:41

Tgt Ion:225	Resp:	45631
Ion Ratio	Lower	Upper
225	100	
223	60.6	48.3 72.5
227	63.6	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: 42.79 ng/ml

RT: 11.40 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

PB83599BS

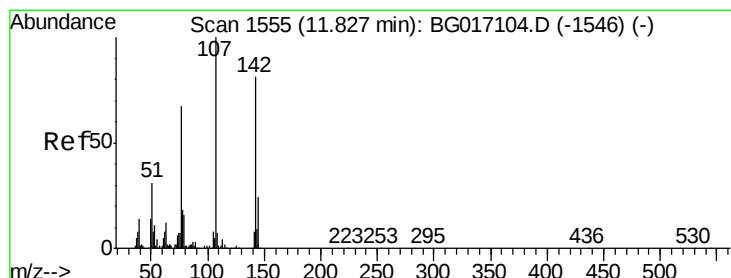
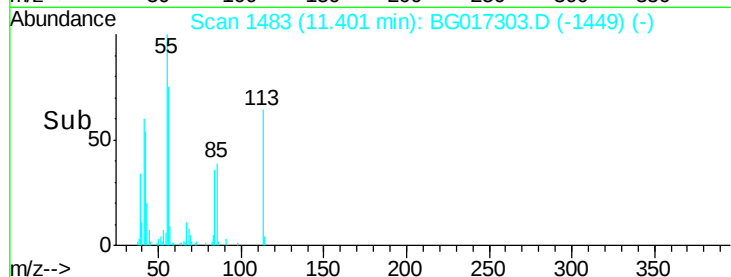
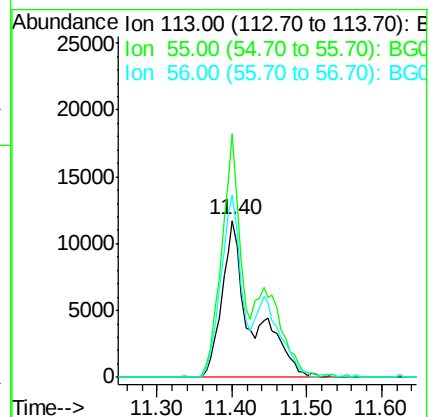
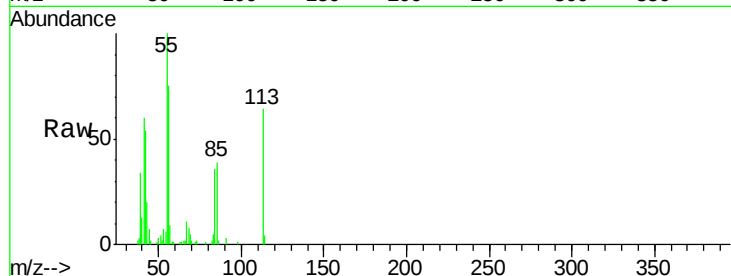
Tot Ion:113 Resp: 32602

Ion Ratio Lower Upper

113 100

55 155.4 124.1 164.1

56 116.0 100.3 140.3



#36

4-Chloro-3-methylphenol

Concen: 45.74 ng/ml

RT: 11.78 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

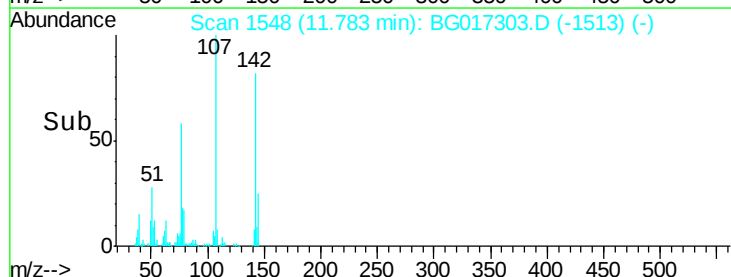
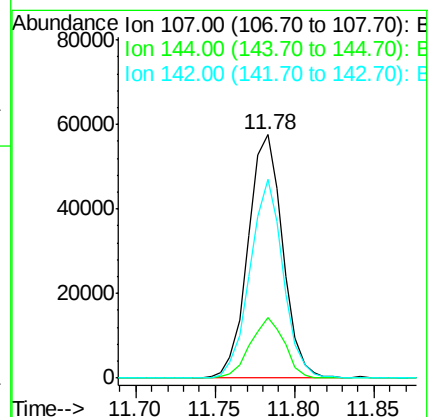
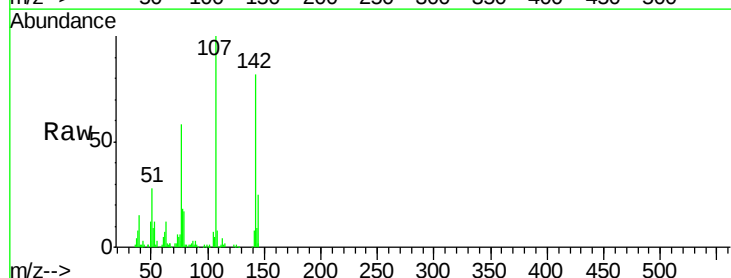
Tgt Ion:107 Resp: 87565

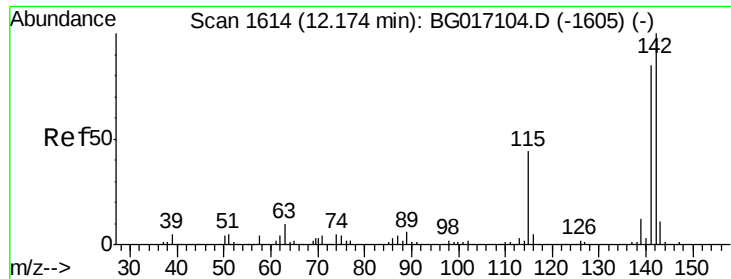
Ion Ratio Lower Upper

107 100

144 24.9 19.6 29.4

142 81.7 64.9 97.3

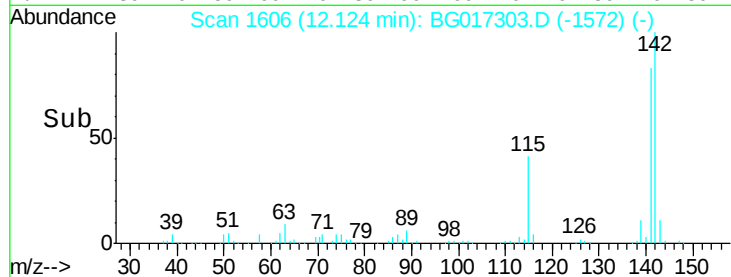
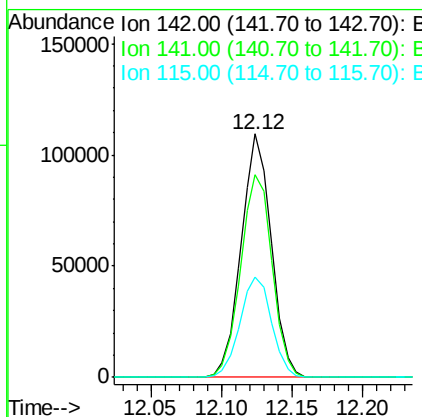
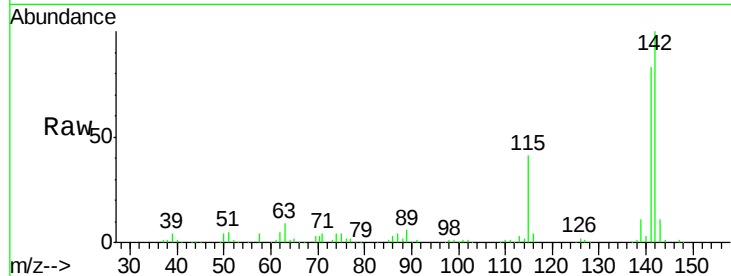




#37
 2-Methylnaphthalene
 Concen: 40.38 ng
 RT: 12.12 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG017303.D
 Acq: 27 May 2015 15:41

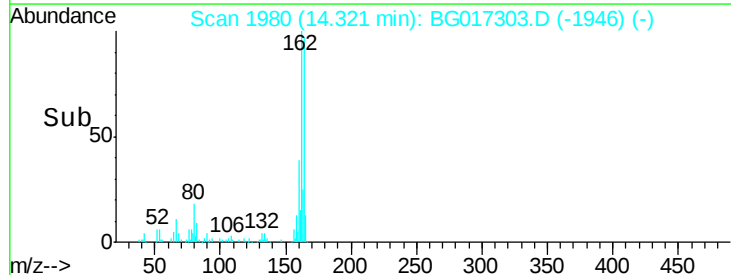
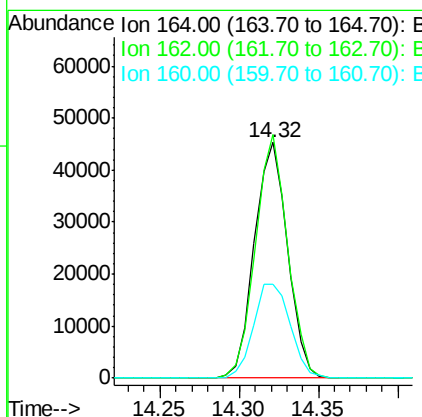
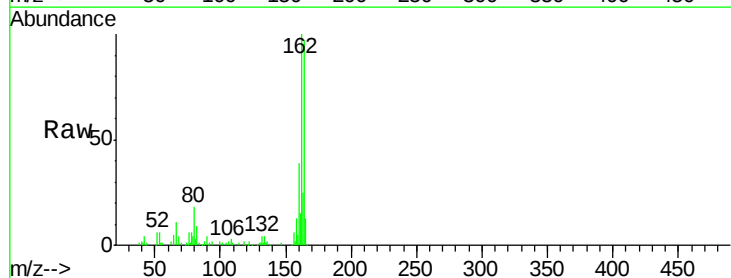
Instrument :
 BNA_G
 ClientSampleID :
 PB83599BS

Tot Ion:142 Resp: 163246
 Ion Ratio Lower Upper
 142 100
 141 83.4 68.2 102.2
 115 40.9 35.6 53.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.32 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG017303.D
 Acq: 27 May 2015 15:41

Tgt Ion:164 Resp: 66017
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.1 123.1
 160 39.8 34.8 52.2

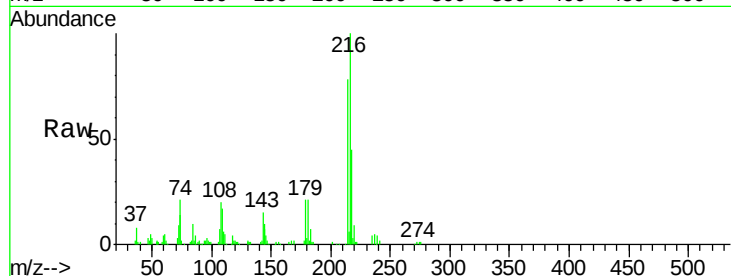




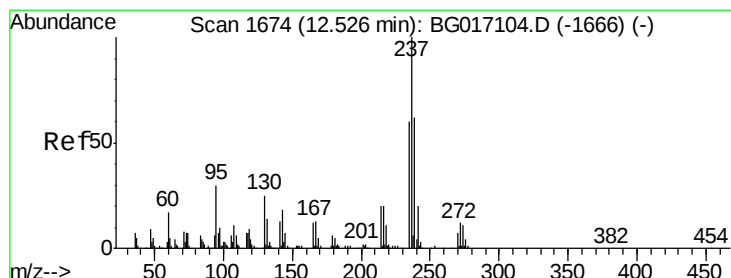
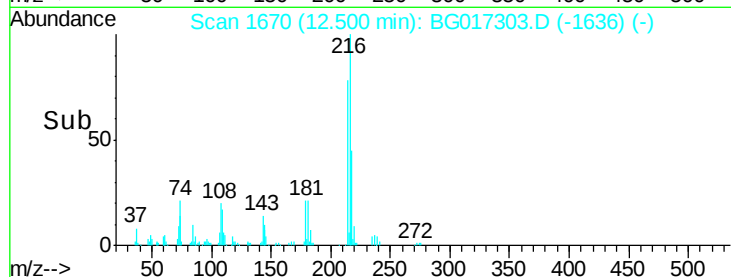
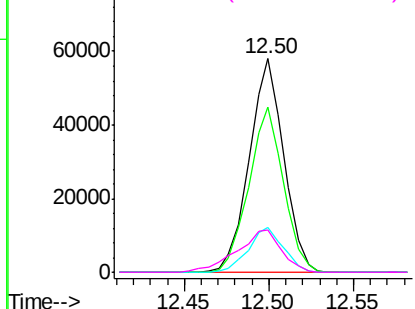
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.01 ng
 RT: 12.50 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BG017303.D
 Acq: 27 May 2015 15:41

Instrument :
 BNA_G
 ClientSampleId :
 PB83599BS

Tot Ion:216	Resp:	82208	
Ion Ratio	Lower	Upper	
216	100		
214	77.8	63.3	94.9
179	21.3	17.8	26.8
108	25.3	19.9	29.9

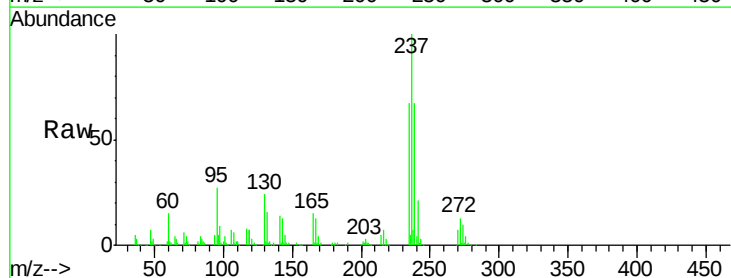


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

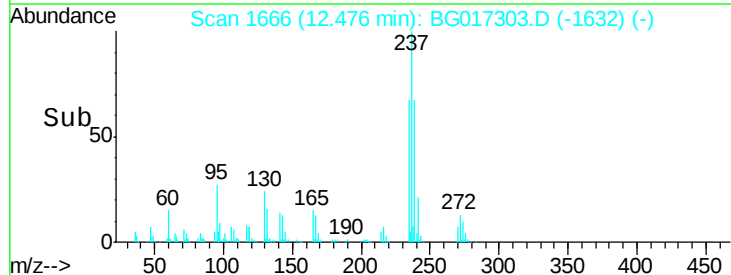
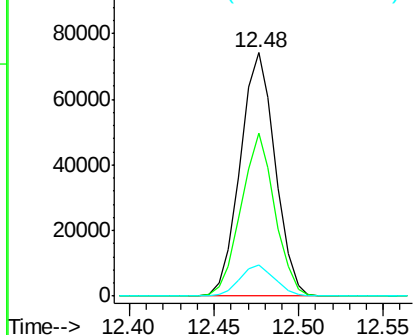


#40
 Hexachlorocyclopentadiene
 Concen: 93.90 ng
 RT: 12.48 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BG017303.D
 Acq: 27 May 2015 15:41

Tgt	Ion:237	Resp:	106978
Ion	Ratio	Lower	Upper
237	100		
235	67.2	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

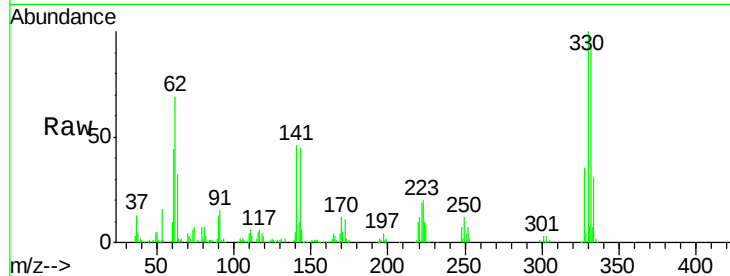




#41
 2,4,6-Tribromophenol
 Concen: 149.29 ng
 RT: 15.82 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG017303.D
 Acq: 27 May 2015 15:41

Instrument :
 BNA_G
 ClientSampleId :
 PB83599BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	50.7	42.2	63.2

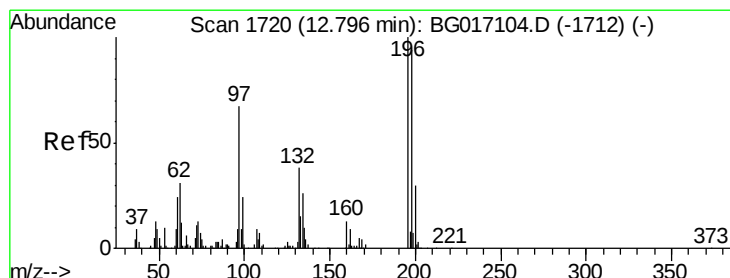
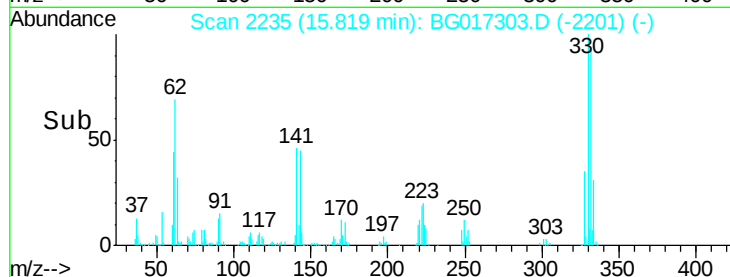
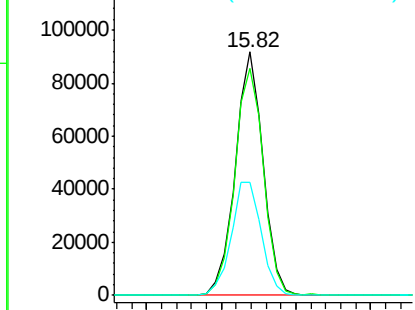


Abundance

Ion 329.80 (329.50 to 330.50): E

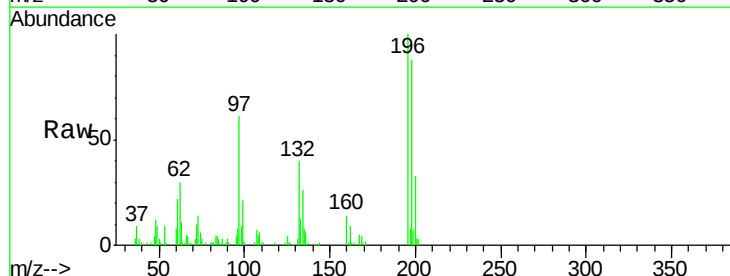
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 45.58 ng
 RT: 12.75 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG017303.D
 Acq: 27 May 2015 15:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	88.3	74.9	112.3
200	32.7	24.2	36.2

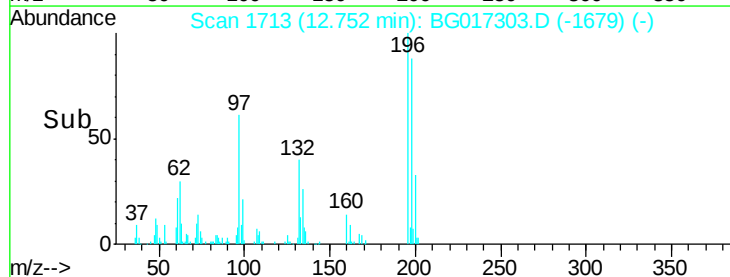
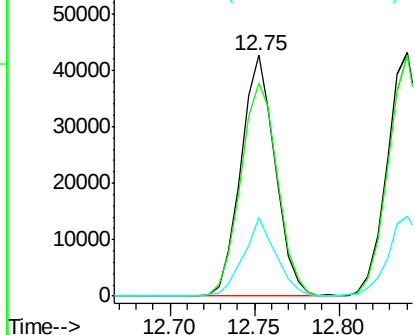


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

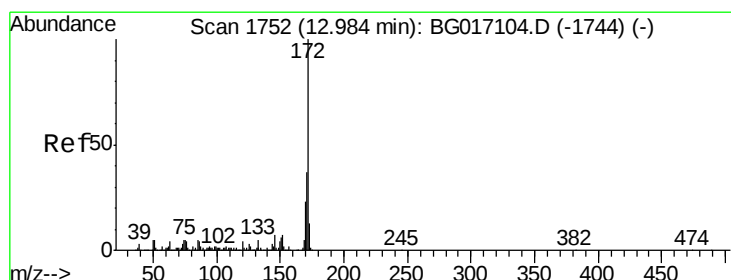
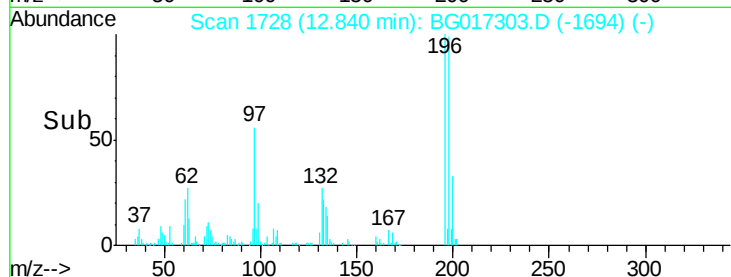
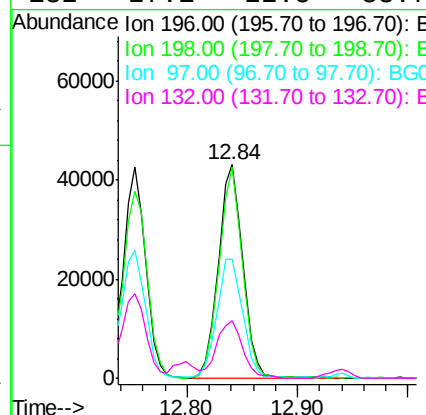
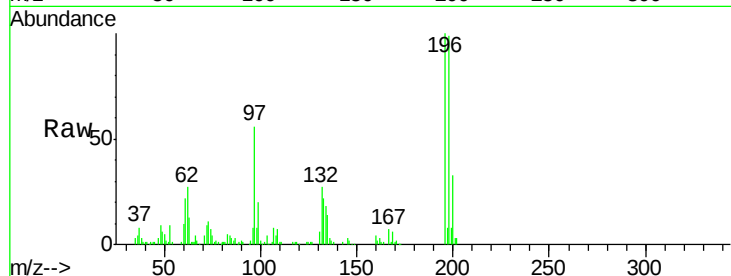




#43
 2,4,5-Trichlorophenol
 Concen: 48.53 ng
 RT: 12.84 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG017303.D
 Acq: 27 May 2015 15:41

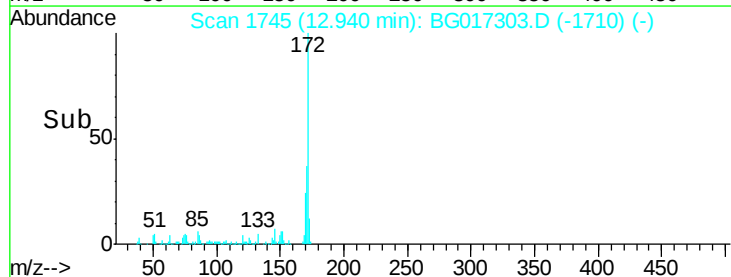
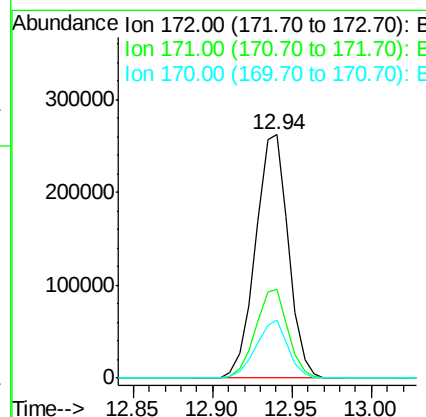
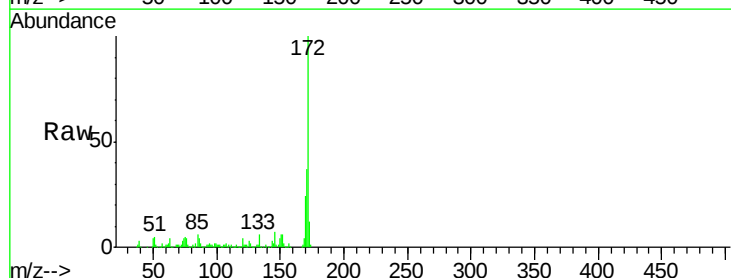
Instrument :
 BNA_G
 ClientSampleId :
 PB83599BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.1	71.4	107.0
97	55.7	45.4	68.0
132	27.1	22.5	33.7



#44
 2-Fluorobiphenyl
 Concen: 83.90 ng
 RT: 12.94 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG017303.D
 Acq: 27 May 2015 15:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.9	18.4	27.6





#45

1,1'-Biphenyl

Concen: 43.54 ng

RT: 13.15 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

PB83599BS

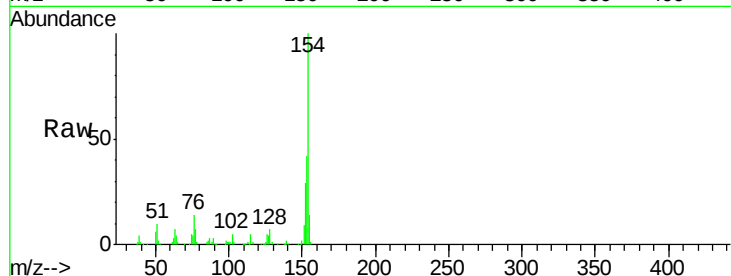
Tot Ion:154 Resp: 207023

Ion Ratio Lower Upper

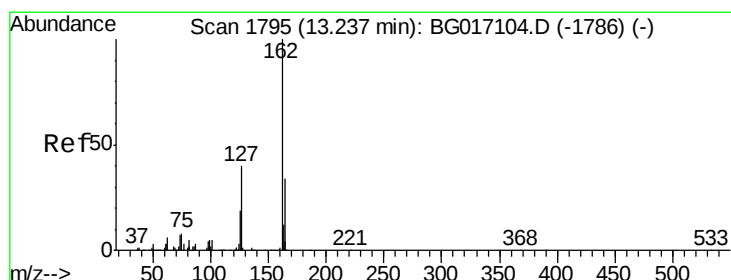
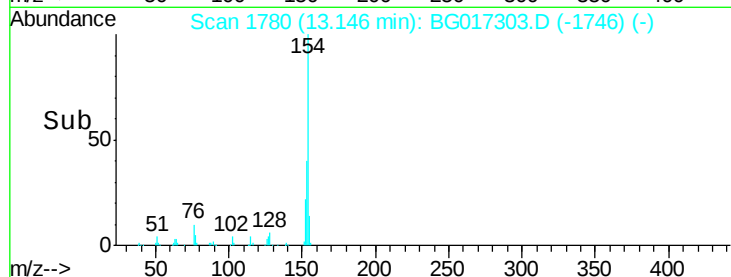
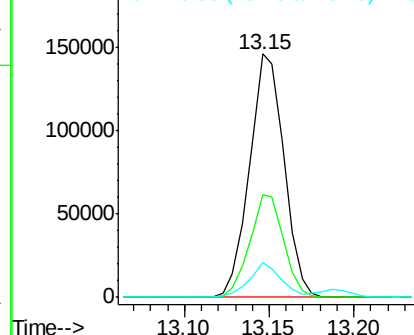
154 100

153 42.5 21.5 61.5

76 14.2 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 43.51 ng

RT: 13.19 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

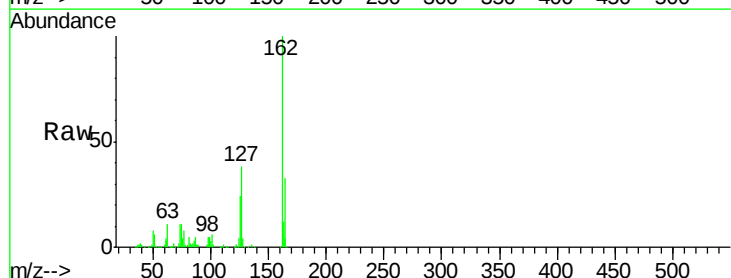
Tgt Ion:162 Resp: 163799

Ion Ratio Lower Upper

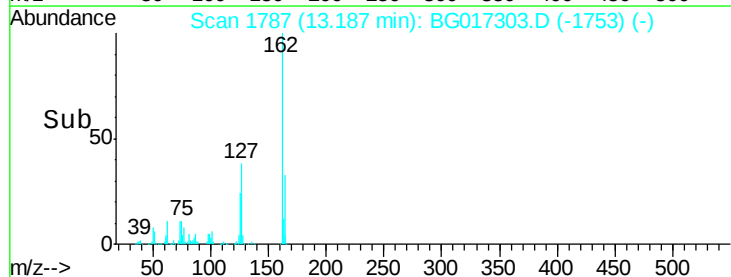
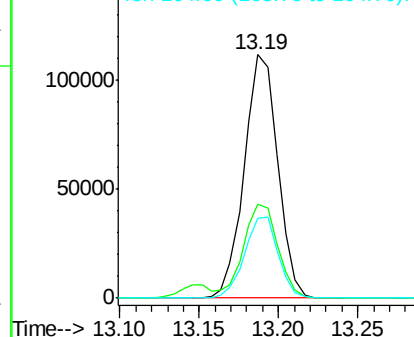
162 100

127 38.4 33.5 50.3

164 32.8 27.0 40.6



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.79 ng

RT: 13.40 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

PB83599BS

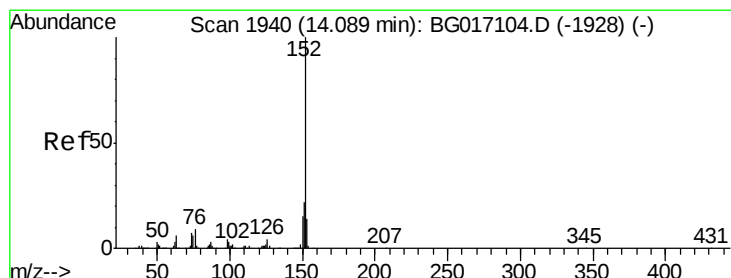
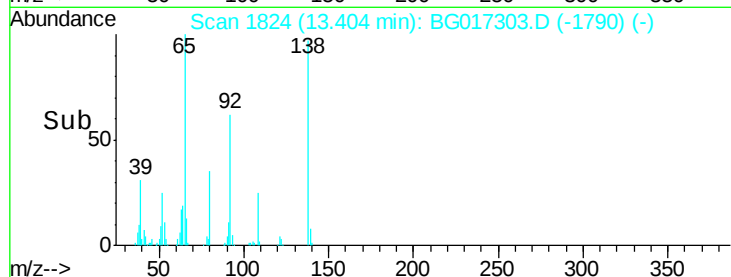
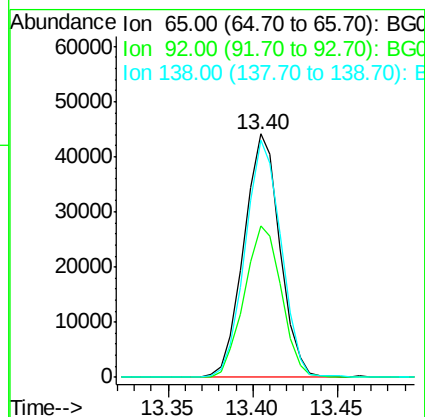
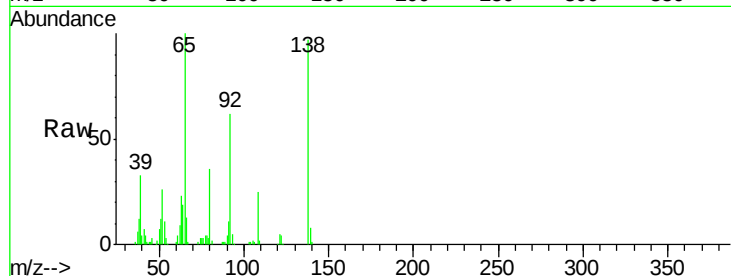
Tot Ion: 65 Resp: 65604

Ion Ratio Lower Upper

65 100

92 62.2 51.0 76.4

138 97.3 79.3 118.9



#48

Acenaphthylene

Concen: 43.60 ng

RT: 14.04 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

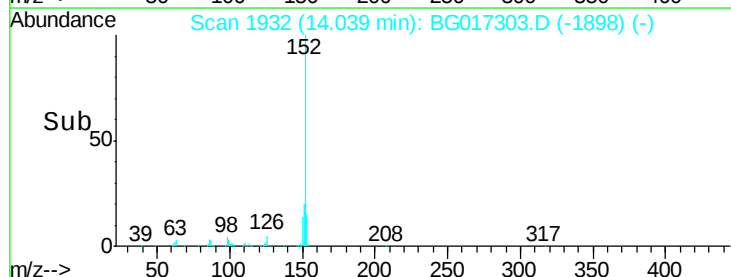
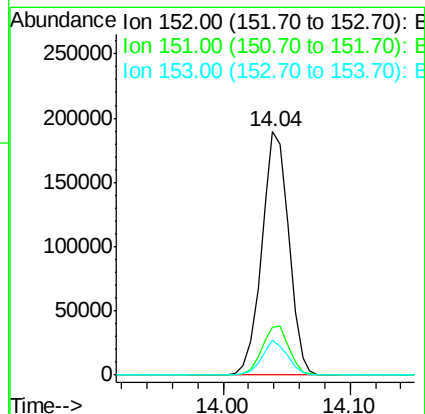
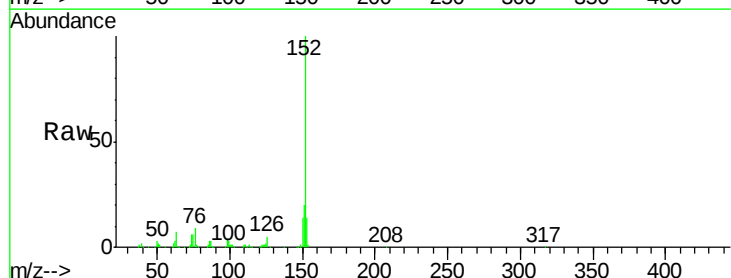
Tgt Ion: 152 Resp: 281166

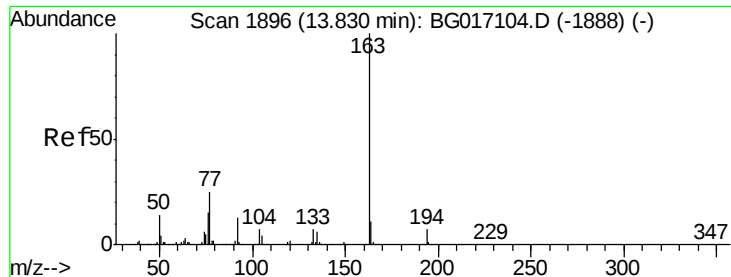
Ion Ratio Lower Upper

152 100

151 19.9 17.2 25.8

153 14.4 10.8 16.2





#49

Dimethylphthalate

Concen: 43.76 ng

RT: 13.79 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

PB83599BS

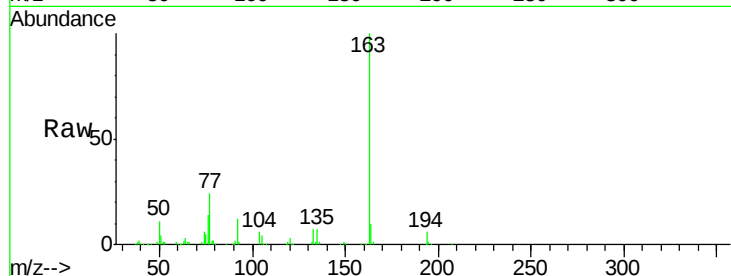
Tot Ion:163 Resp: 225899

Ion Ratio Lower Upper

163 100

194 6.5 5.6 8.4

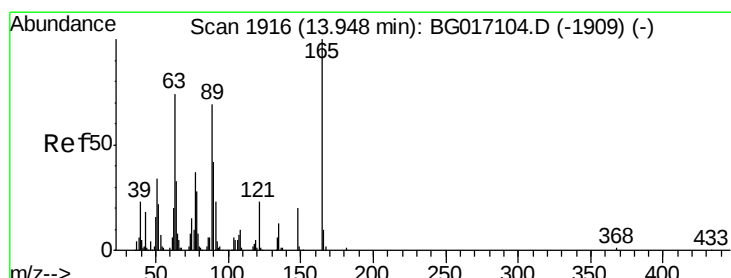
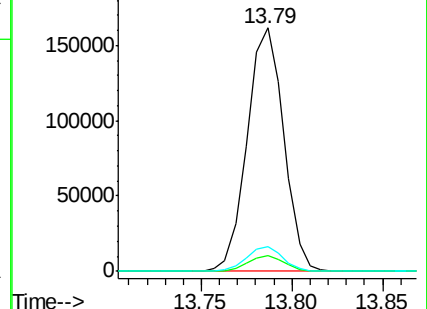
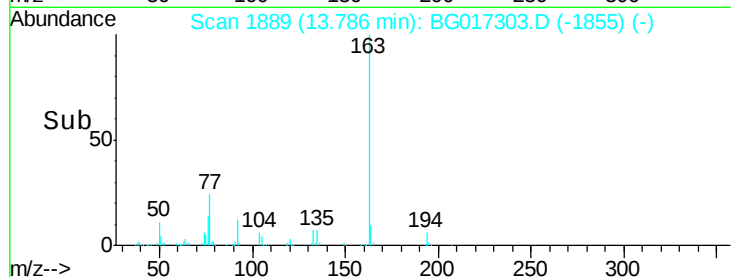
164 10.4 8.6 13.0



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: 45.30 ng

RT: 13.91 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

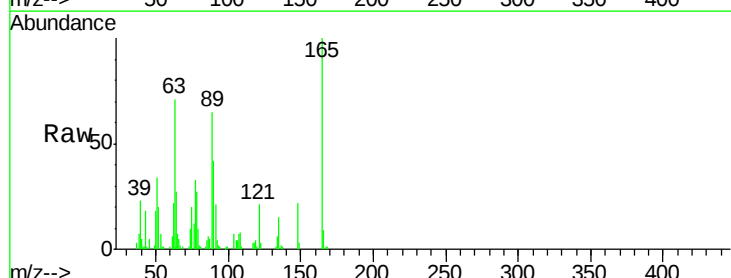
Tgt Ion:165 Resp: 51821

Ion Ratio Lower Upper

165 100

63 71.4 60.6 90.8

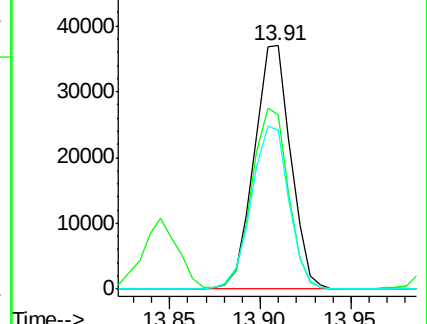
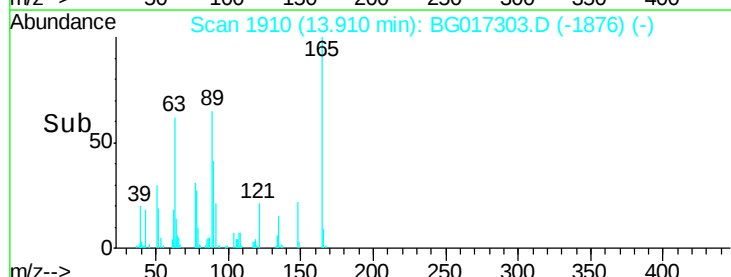
89 65.3 55.0 82.6



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: 42.95 ng

RT: 14.39 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

PB83599BS

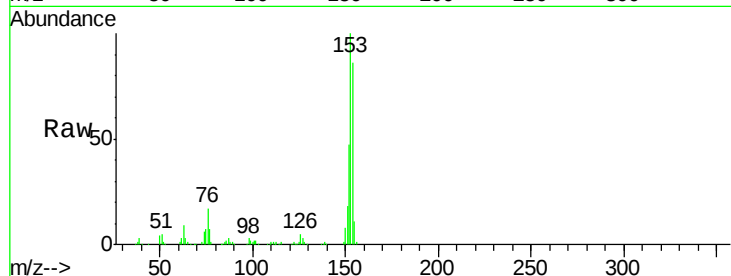
Tot Ion:154 Resp: 163594

Ion Ratio Lower Upper

154 100

153 116.9 86.2 129.4

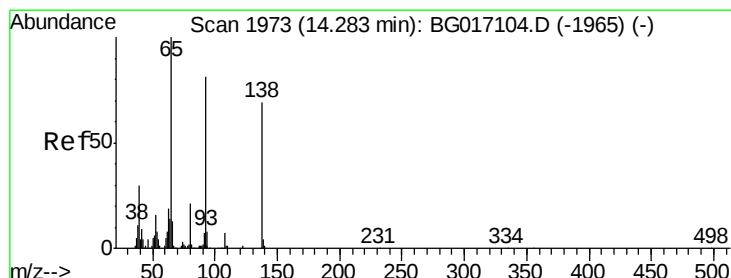
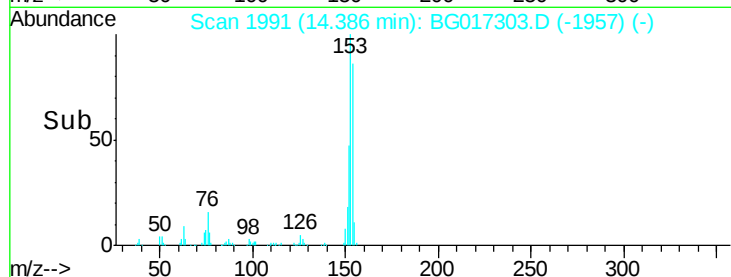
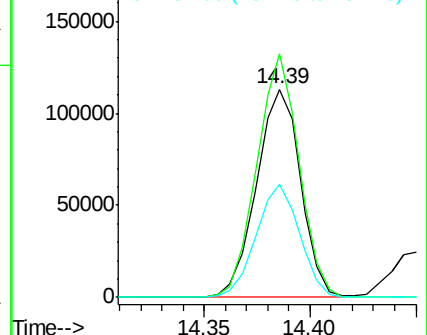
152 54.5 41.5 62.3



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



#52

3-Nitroaniline

Concen: 32.94 ng

RT: 14.24 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

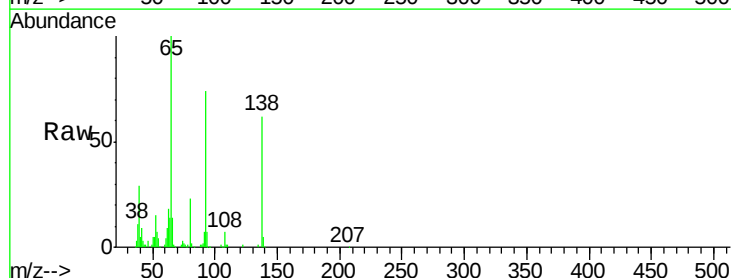
Tgt Ion:138 Resp: 41803

Ion Ratio Lower Upper

138 100

108 10.7 7.6 11.4

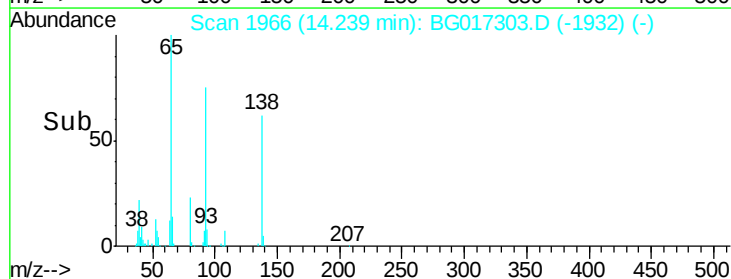
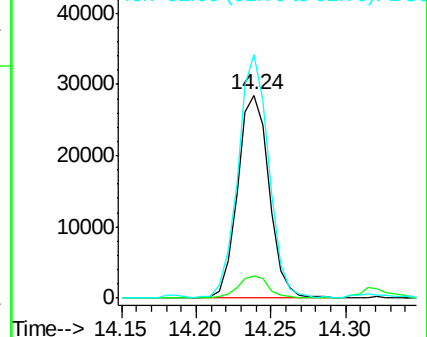
92 119.9 93.6 140.4

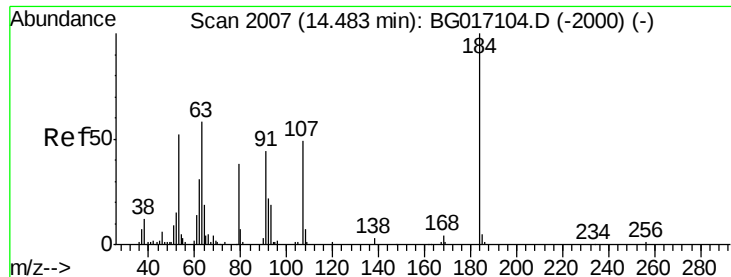


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

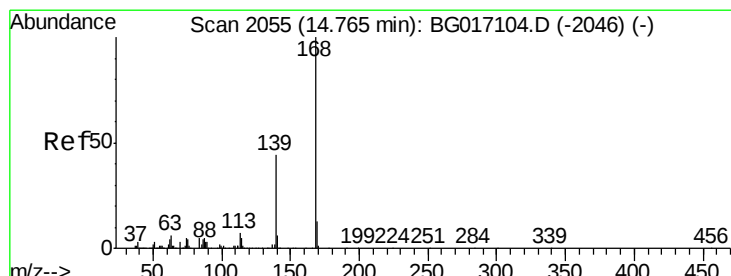
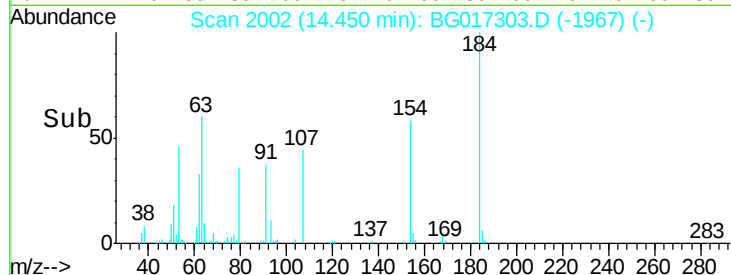
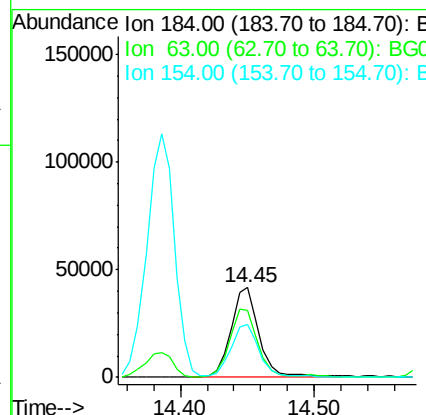
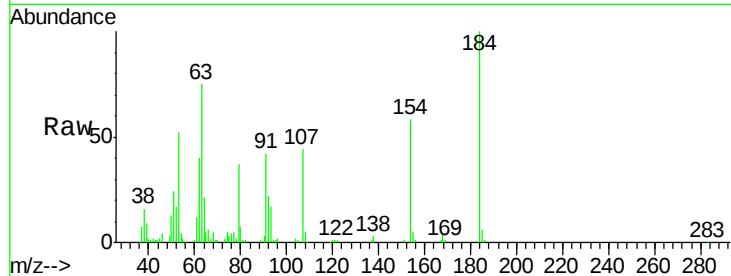




#53
2,4-Dinitrophenol
Concen: 92.50 ng
RT: 14.45 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG017303.D
Acq: 27 May 2015 15:41

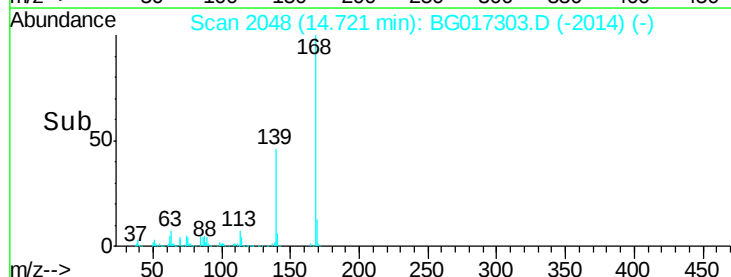
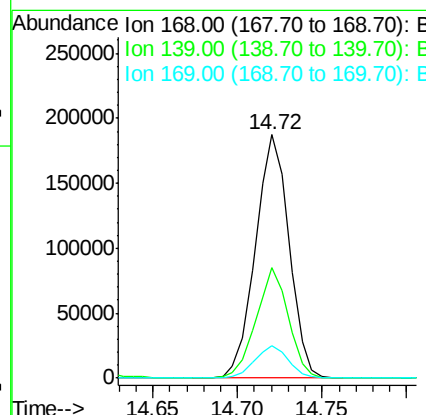
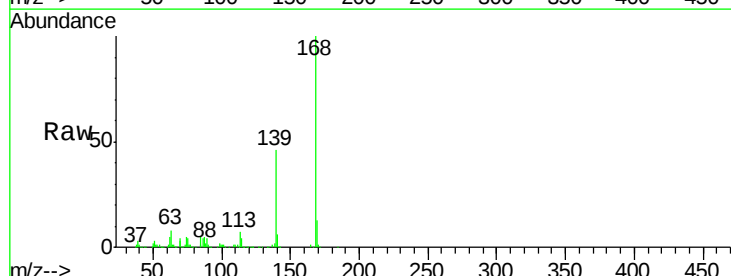
Instrument :
BNA_G
ClientSampleId :
PB83599BS

Tot Ion:184 Resp: 61429
Ion Ratio Lower Upper
184 100
63 74.6 63.6 95.4
154 58.2 47.8 71.6



#54
Dibenzofuran
Concen: 45.81 ng
RT: 14.72 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG017303.D
Acq: 27 May 2015 15:41

Tgt Ion:168 Resp: 259361
Ion Ratio Lower Upper
168 100
139 45.6 34.9 52.3
169 13.2 10.5 15.7





#55

4-Nitrophenol

Concen: 95.24 ng

RT: 14.60 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

PB83599BS

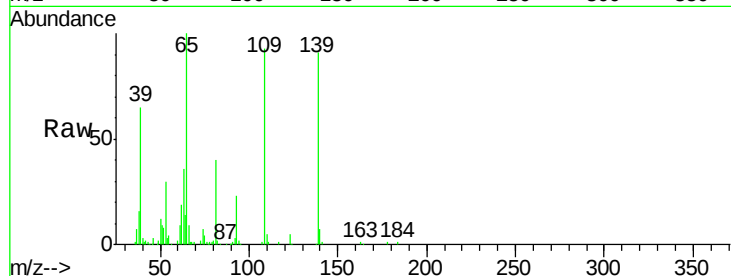
Tot Ion:139 Resp: 97325

Ion Ratio Lower Upper

139 100

109 102.0 90.5 130.5

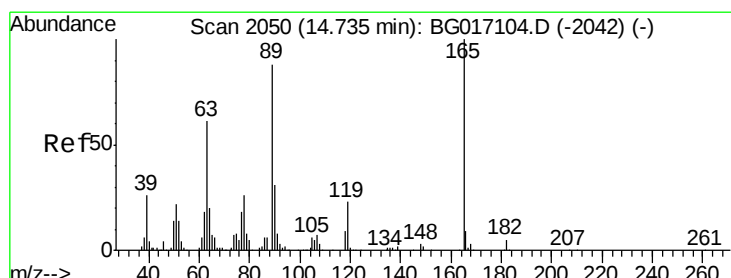
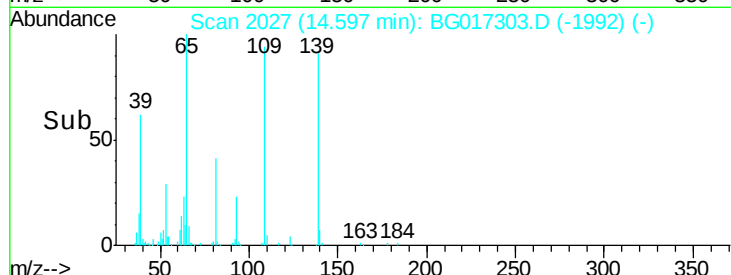
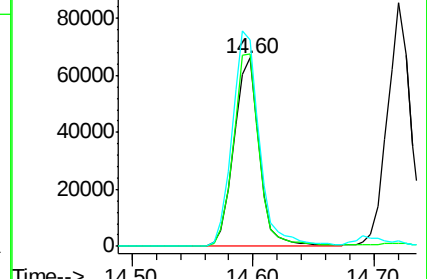
65 109.6 99.9 139.9



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



#56

2,4-Dinitrotoluene

Concen: 49.21 ng

RT: 14.70 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

Tgt Ion:165 Resp: 78509

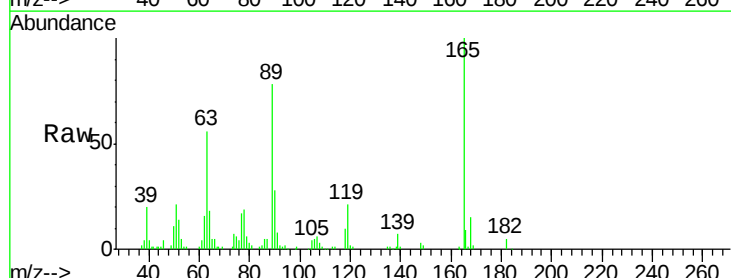
Ion Ratio Lower Upper

165 100

63 55.5 49.0 73.4

89 78.0 70.1 105.1

182 5.4 3.9 5.9

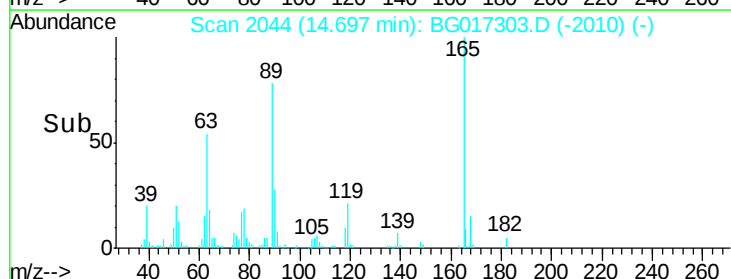
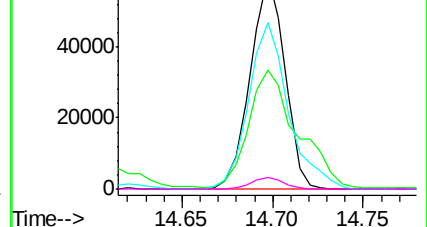


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.14 ng

RT: 15.37 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

PB83599BS

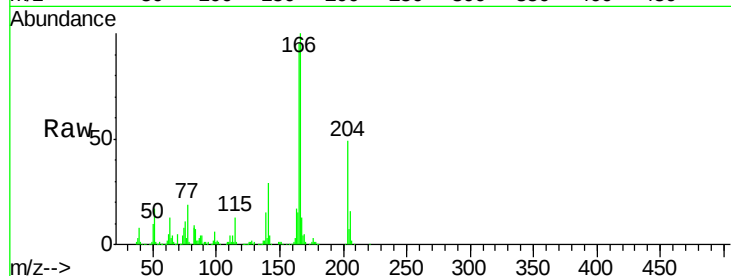
Tot Ion:166 Resp: 226235

Ion Ratio Lower Upper

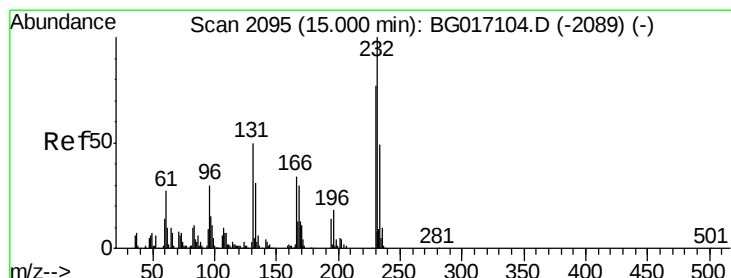
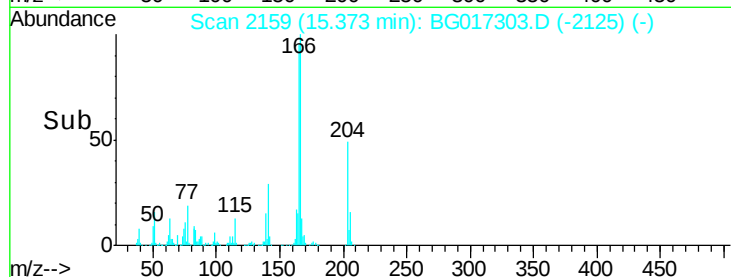
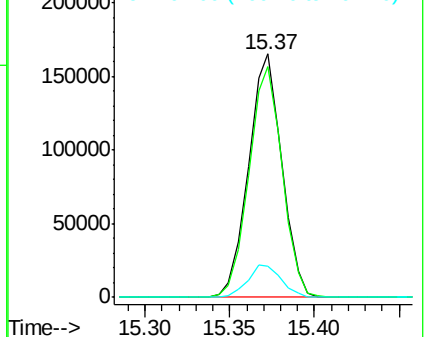
166 100

165 94.7 74.2 111.4

167 13.0 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: 47.59 ng

RT: 14.96 min Scan# 2089

Delta R.T. 0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

Tgt Ion:232 Resp: 59626

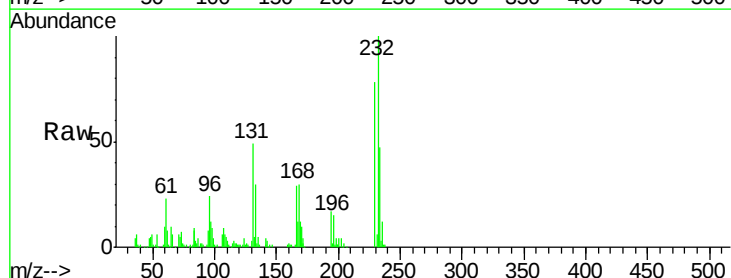
Ion Ratio Lower Upper

232 100

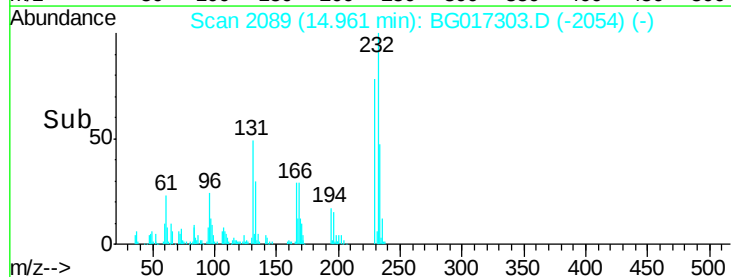
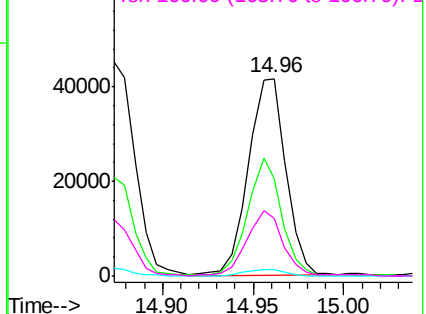
131 54.8 42.7 64.1

130 3.5 3.0 4.4

166 32.4 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

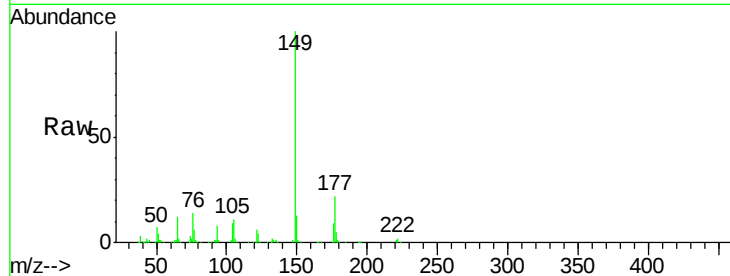




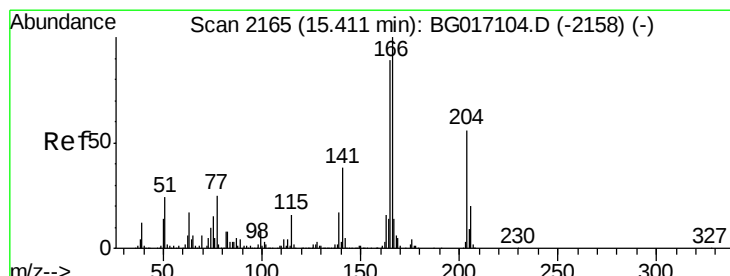
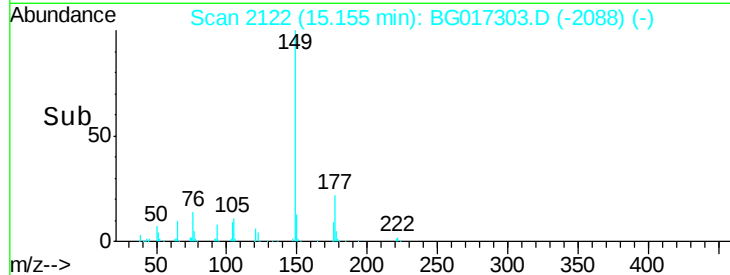
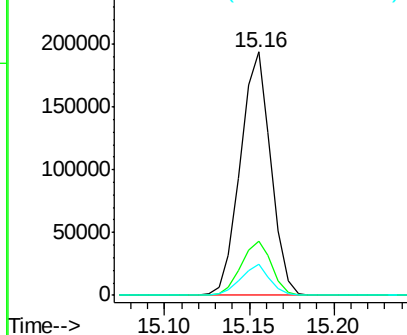
#59
Diethylphthalate
Concen: 43.82 ng
RT: 15.16 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG017303.D
Acq: 27 May 2015 15:41

Instrument :
BNA_G
ClientSampleId :
PB83599BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.3	27.5
150	12.6	10.4	15.6

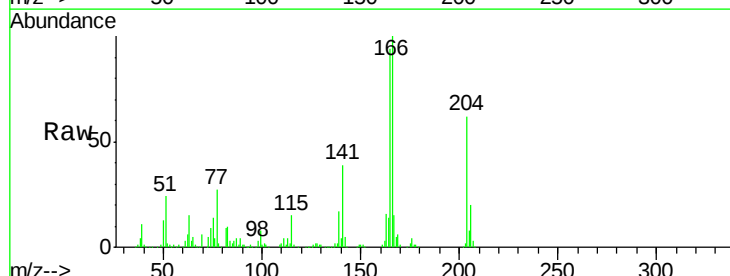


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

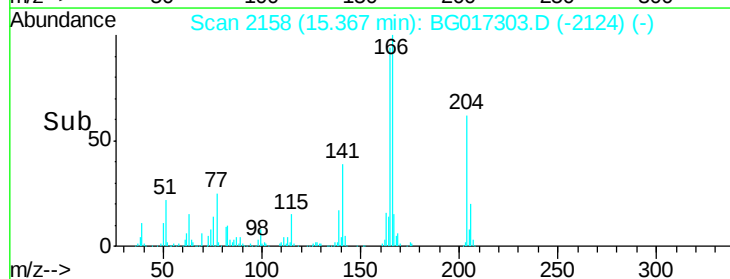
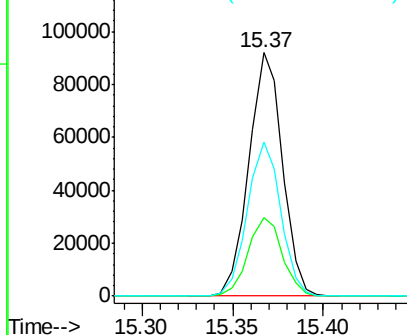


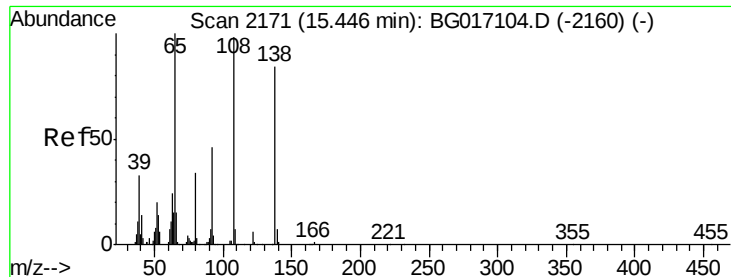
#60
4-Chlorophenyl-phenylether
Concen: 45.93 ng
RT: 15.37 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BG017303.D
Acq: 27 May 2015 15:41

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.0	28.6	42.8
141	63.1	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

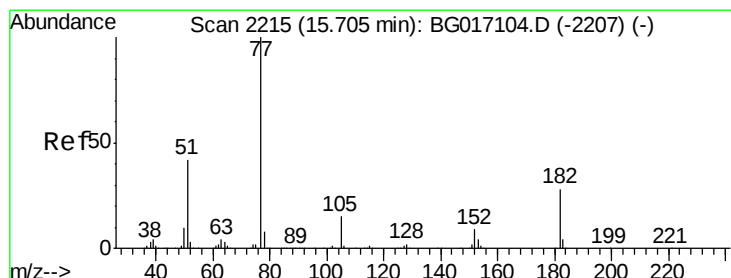
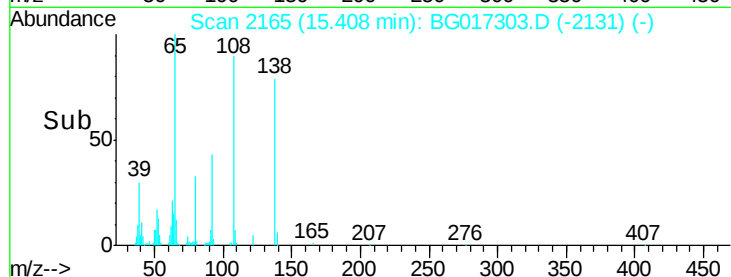
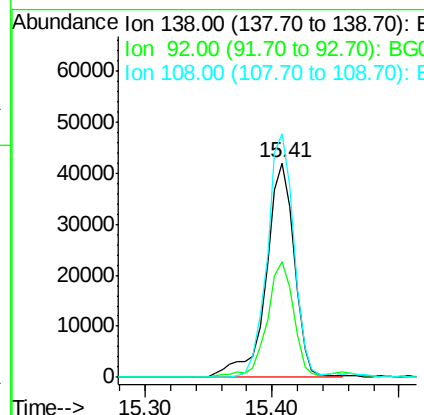
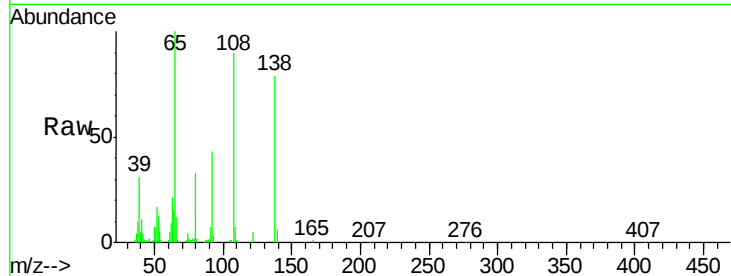




#61
4-Nitroaniline
Concen: 46.33 ng
RT: 15.41 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG017303.D
Acq: 27 May 2015 15:41

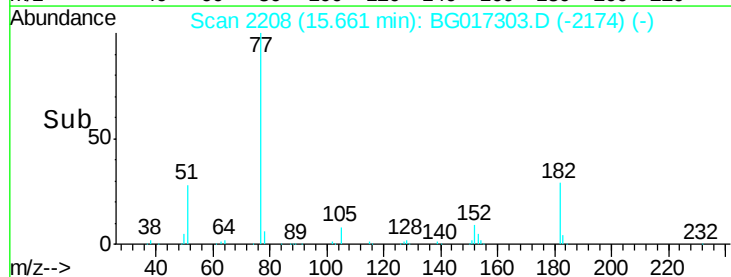
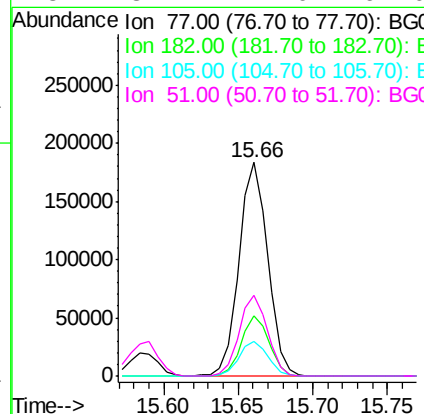
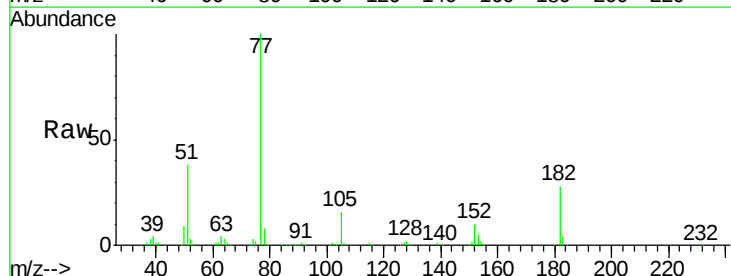
Instrument :
BNA_G
ClientSampleId :
PB83599BS

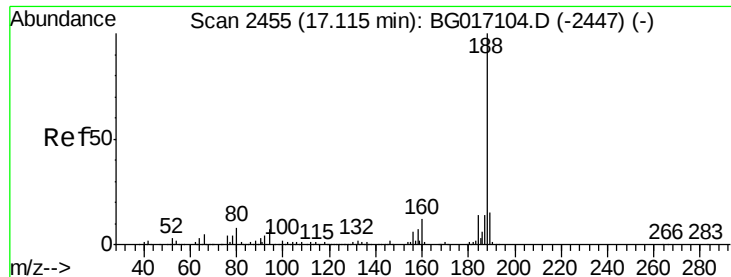
Tot Ion:138 Resp: 65596
Ion Ratio Lower Upper
138 100
92 54.2 34.9 74.9
108 113.6 95.8 135.8



#62
Azobenzene
Concen: 46.51 ng
RT: 15.66 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BG017303.D
Acq: 27 May 2015 15:41

Tgt Ion: 77 Resp: 246347
Ion Ratio Lower Upper
77 100
182 28.0 8.1 48.1
105 16.2 0.0 34.8
51 37.7 22.0 62.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.07 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

PB83599BS

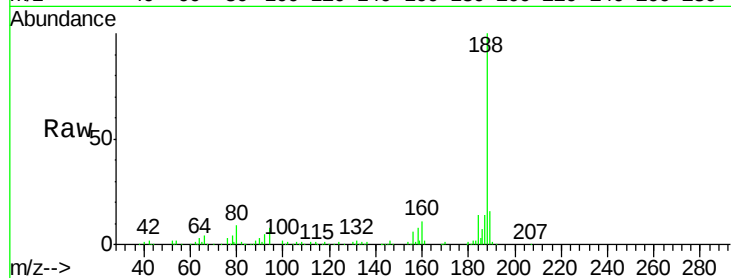
Tot Ion:188 Resp: 158183

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.6

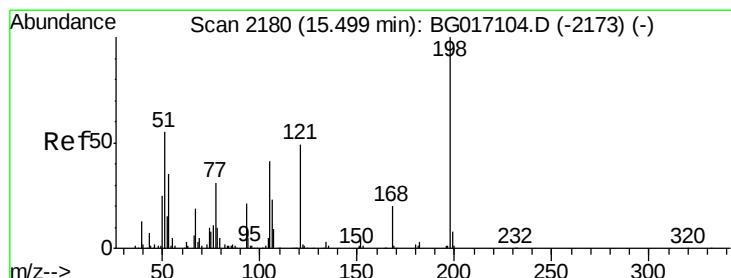
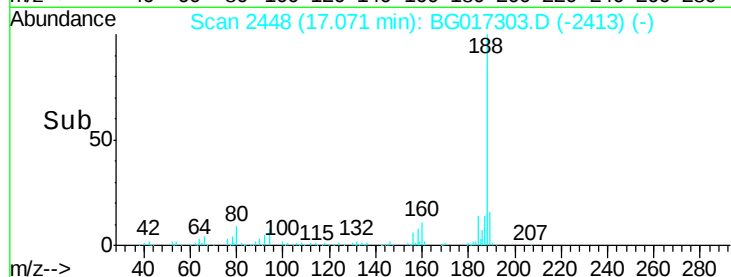
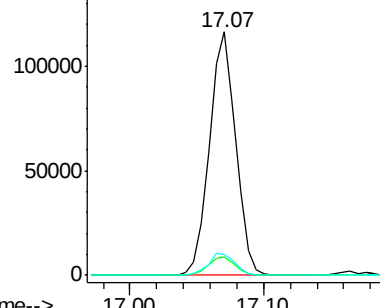
80 8.6 6.5 9.7



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: 43.18 ng

RT: 15.46 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

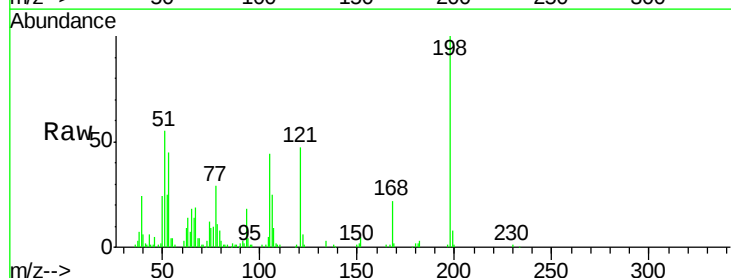
Tgt Ion:198 Resp: 46819

Ion Ratio Lower Upper

198 100

51 54.9 39.9 79.9

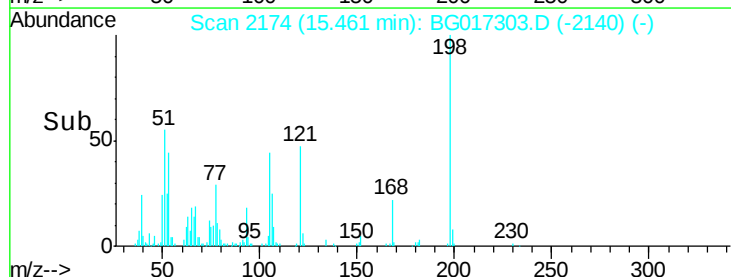
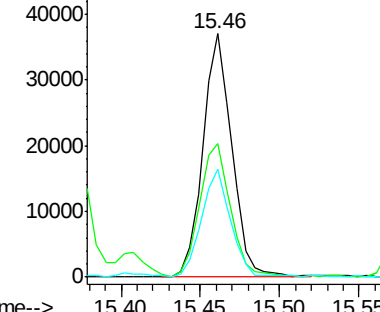
105 44.4 22.0 62.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

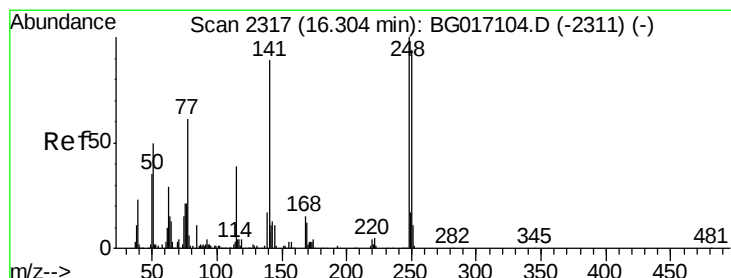
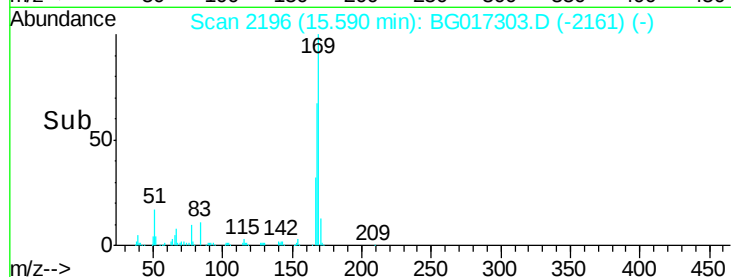
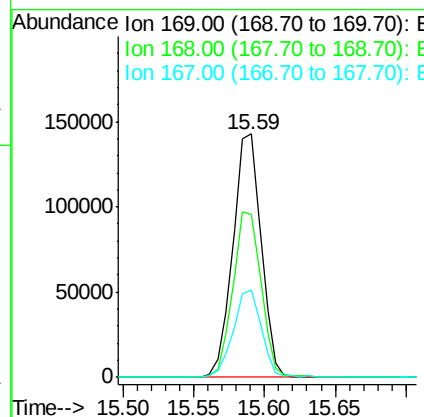
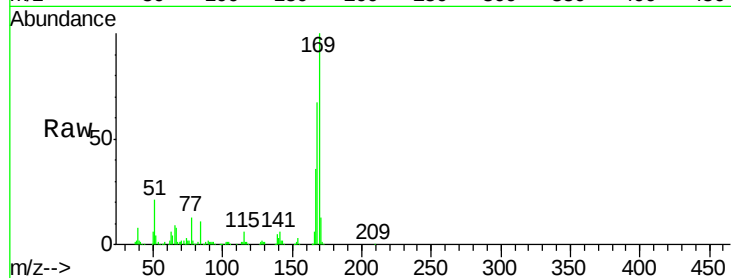




#65
n-Nitrosodiphenylamine
Concen: 40.95 ng
RT: 15.59 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BG017303.D
Acq: 27 May 2015 15:41

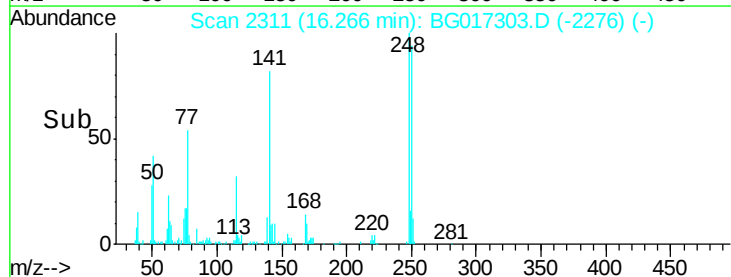
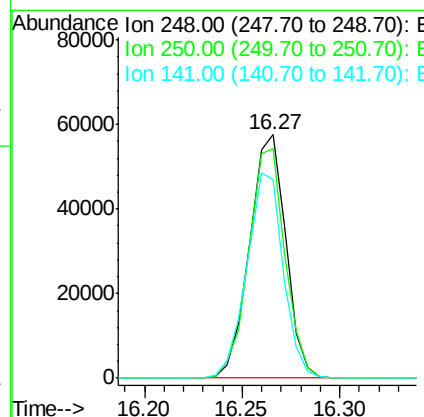
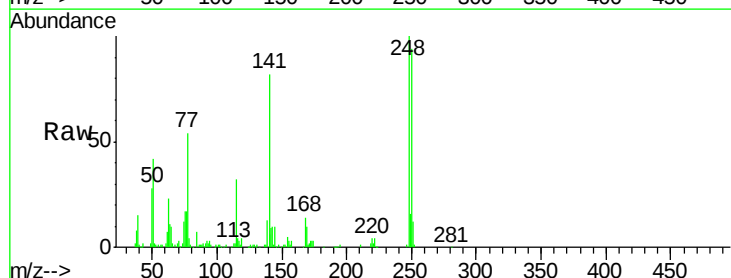
Instrument :
BNA_G
ClientSampleId :
PB83599BS

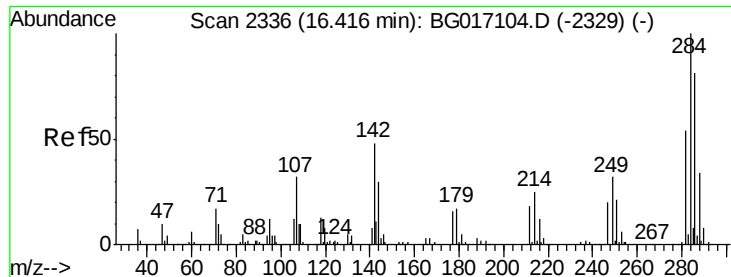
Tot Ion:169 Resp: 198886
Ion Ratio Lower Upper
169 100
168 67.1 51.7 77.5
167 35.9 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 42.95 ng
RT: 16.27 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BG017303.D
Acq: 27 May 2015 15:41

Tgt Ion:248 Resp: 74101
Ion Ratio Lower Upper
248 100
250 94.2 75.0 112.4
141 81.8 71.3 106.9

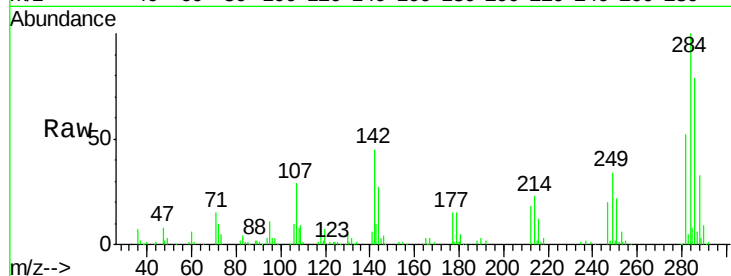




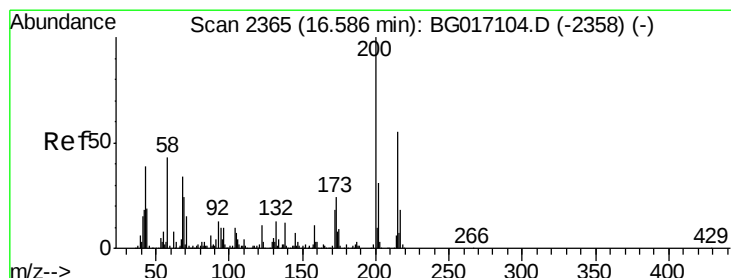
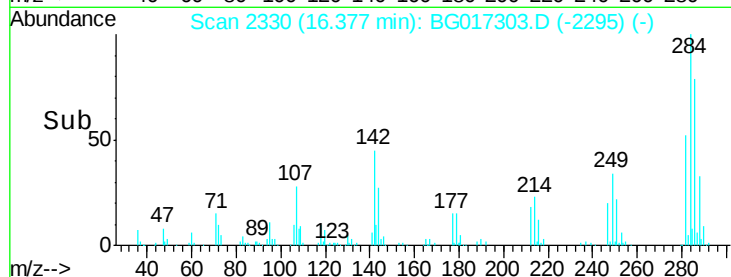
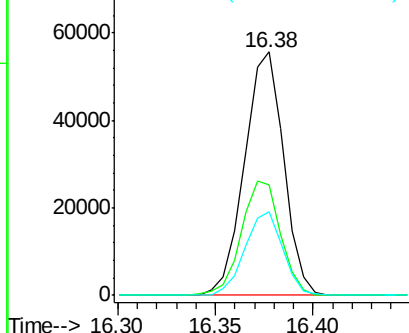
#67
Hexachlorobenzene
Concen: 42.32 ng
RT: 16.38 min Scan# 2330
Delta R.T. 0.00 min
Lab File: BG017303.D
Acq: 27 May 2015 15:41

Instrument :
BNA_G
ClientSampleId :
PB83599BS

Tot Ion:284 Resp: 77045
Ion Ratio Lower Upper
284 100
142 45.4 38.2 57.2
249 34.3 25.2 37.8

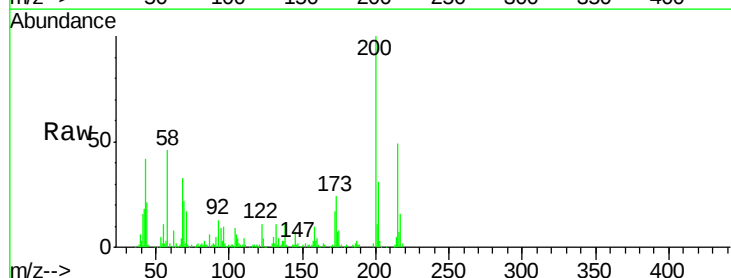


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

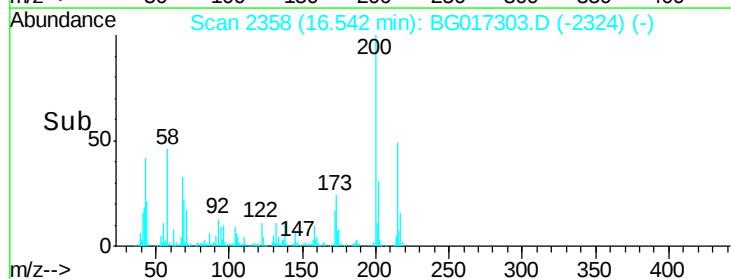
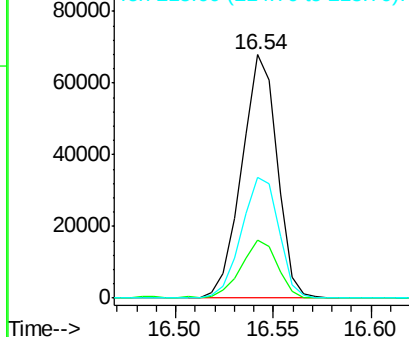


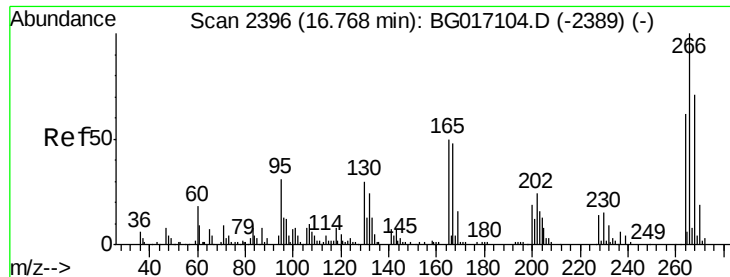
#68
Atrazine
Concen: 47.96 ng
RT: 16.54 min Scan# 2358
Delta R.T. -0.00 min
Lab File: BG017303.D
Acq: 27 May 2015 15:41

Tgt Ion:200 Resp: 85190
Ion Ratio Lower Upper
200 100
173 24.0 3.7 43.7
215 49.5 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

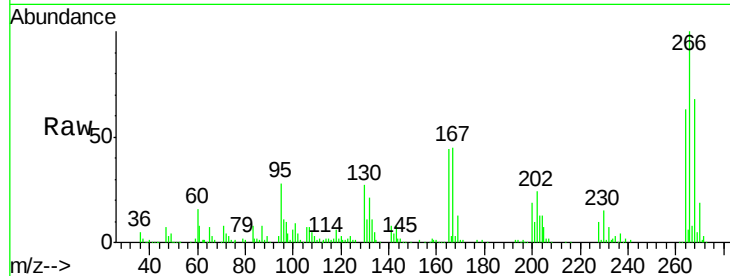




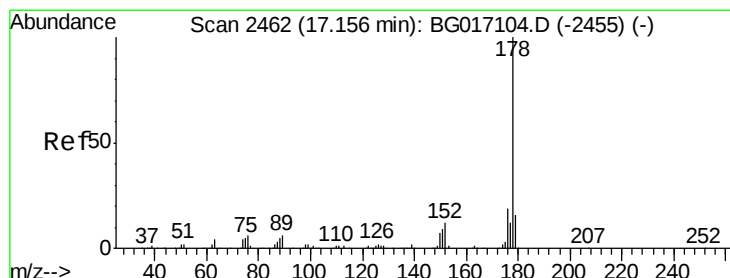
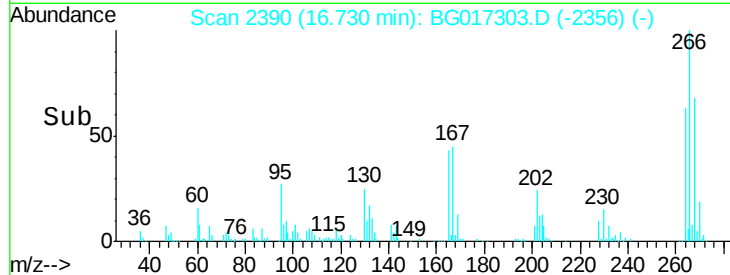
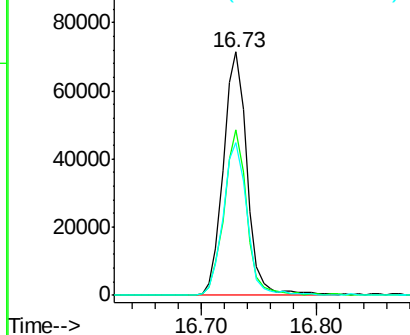
#69
 Pentachlorophenol
 Concen: 89.49 ng
 RT: 16.73 min Scan# 2390
 Delta R.T. -0.00 min
 Lab File: BG017303.D
 Acq: 27 May 2015 15:41

Instrument :
 BNA_G
 ClientSampleId :
 PB83599BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.0	56.6	84.8
264	62.8	49.4	74.0

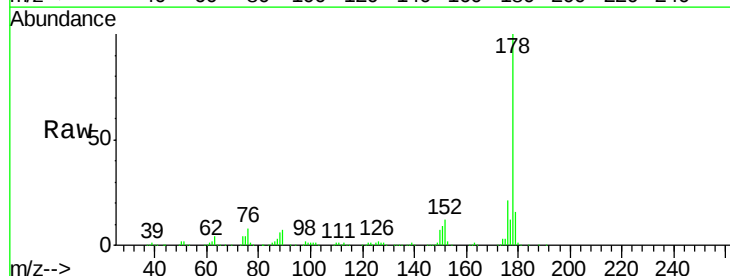


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

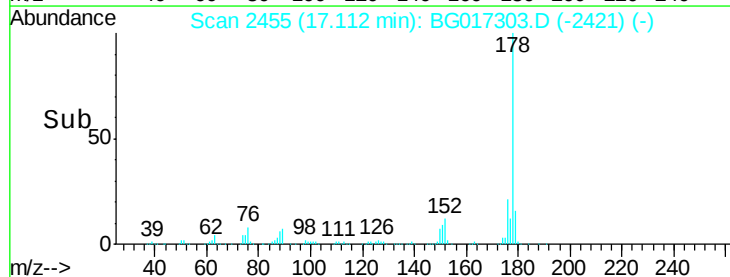
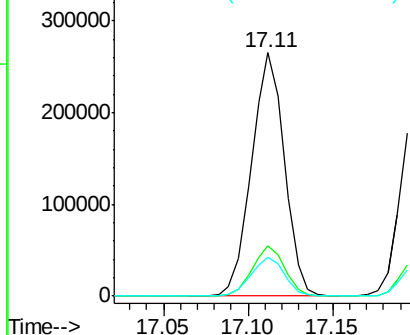


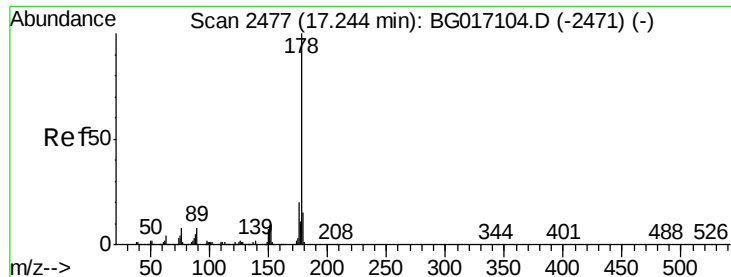
#70
 Phenanthrene
 Concen: 43.92 ng
 RT: 17.11 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BG017303.D
 Acq: 27 May 2015 15:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.4	23.2
179	15.9	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: 44.71 ng

RT: 17.20 min Scan# 2470

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

PB83599BS

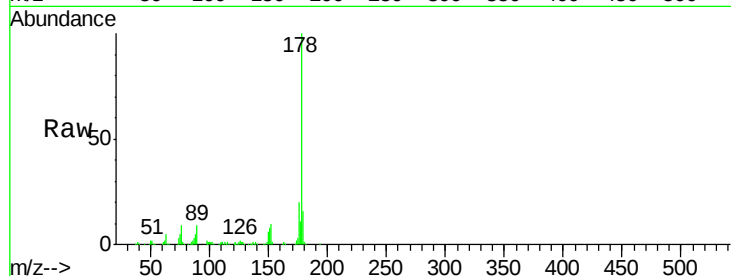
Tot Ion:178 Resp: 369578

Ion Ratio Lower Upper

178 100

176 19.6 16.3 24.5

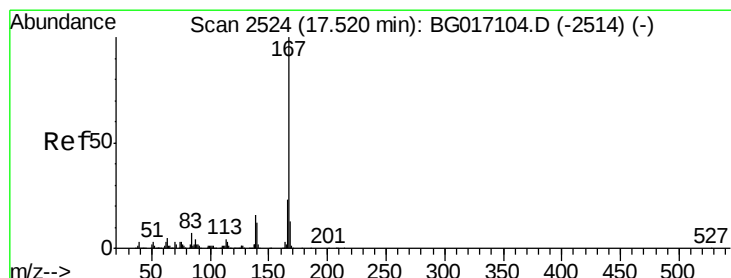
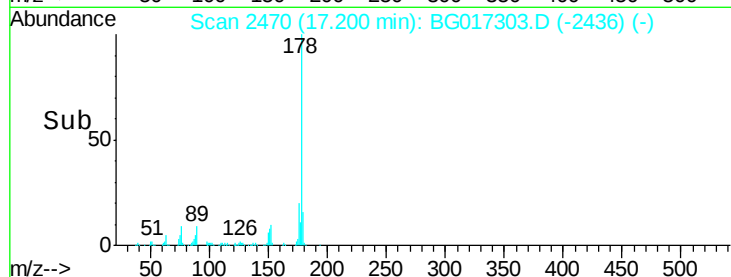
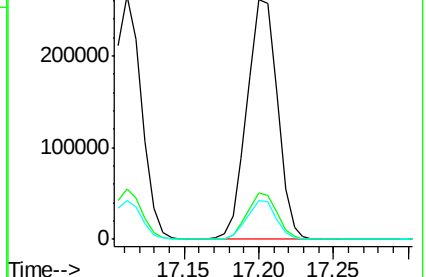
179 16.1 12.1 18.1



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: 47.68 ng

RT: 17.48 min Scan# 2518

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

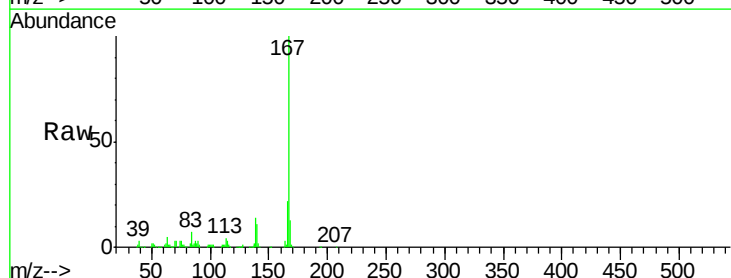
Tgt Ion:167 Resp: 362167

Ion Ratio Lower Upper

167 100

166 21.8 18.4 27.6

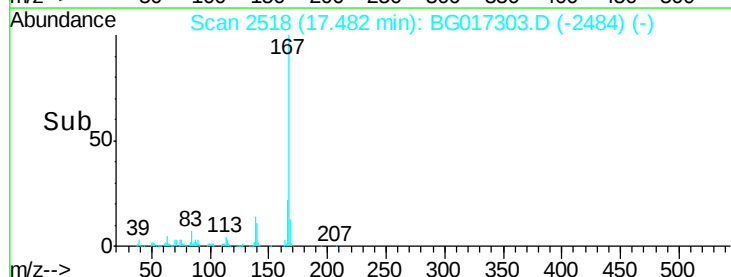
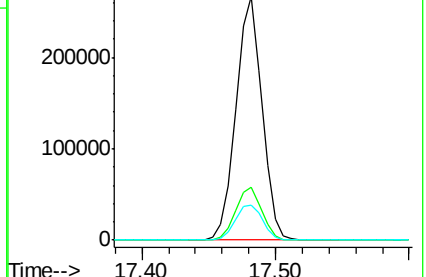
139 14.3 13.0 19.4

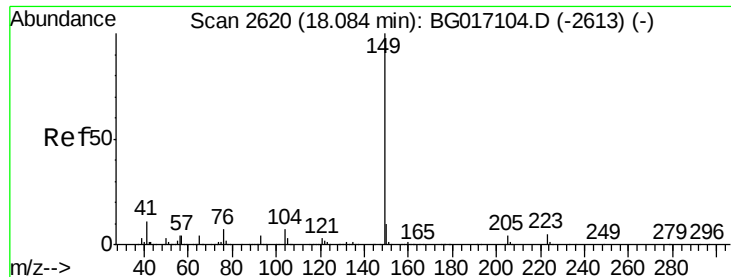


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.10 ng

RT: 18.04 min Scan# 2613

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

PB83599BS

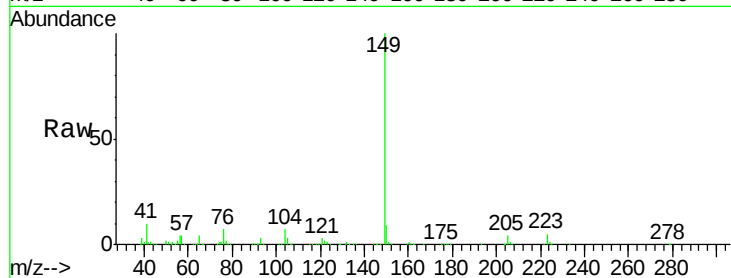
Tot Ion:149 Resp: 468528

Ion Ratio Lower Upper

149 100

150 9.1 8.2 12.4

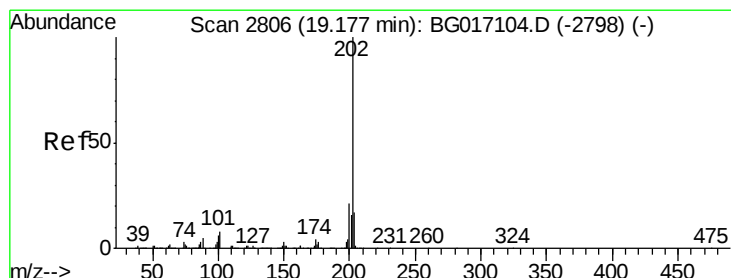
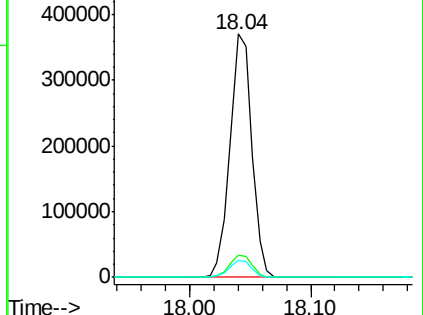
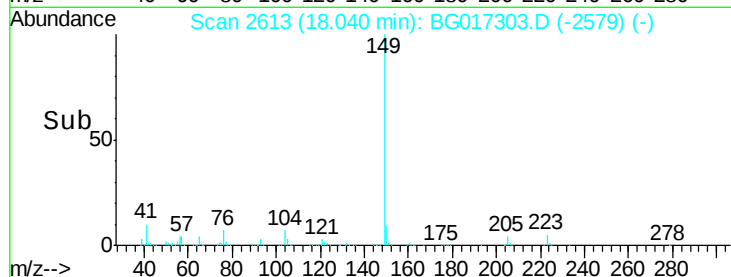
104 6.7 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.79 ng

RT: 19.13 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

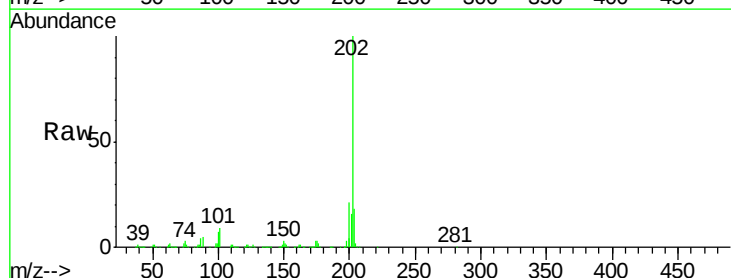
Tgt Ion:202 Resp: 468146

Ion Ratio Lower Upper

202 100

101 9.4 0.0 28.3

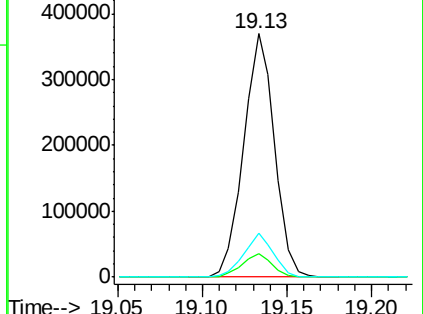
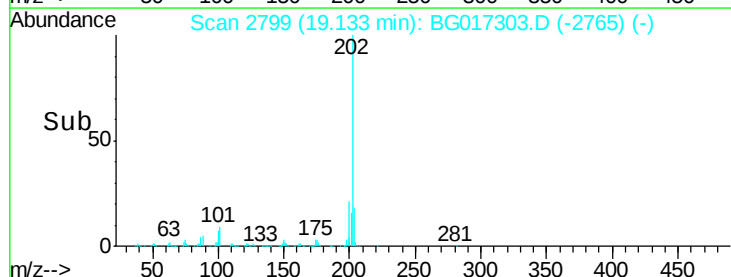
203 18.0 0.0 37.4



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: 21.26 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

PB83599BS

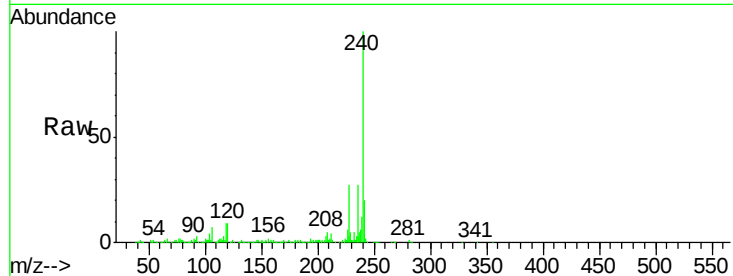
Tot Ion:240 Resp: 186428

Ion Ratio Lower Upper

240 100

120 8.9 6.0 9.0

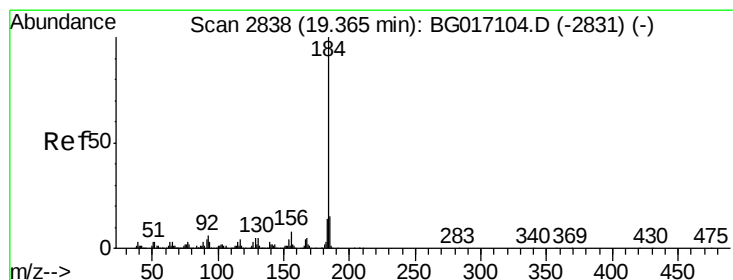
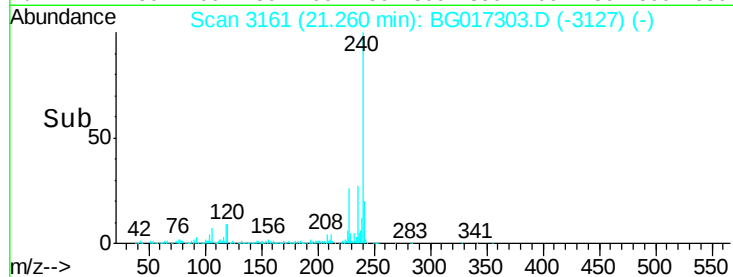
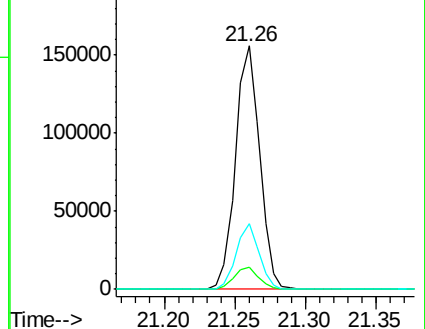
236 26.8 20.5 30.7



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: 38.52 ng

RT: 19.33 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

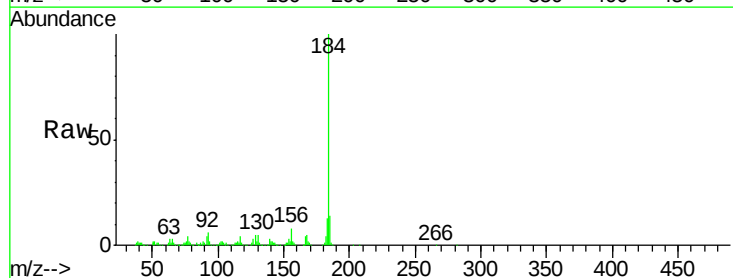
Tgt Ion:184 Resp: 234454

Ion Ratio Lower Upper

184 100

185 13.7 12.4 18.6

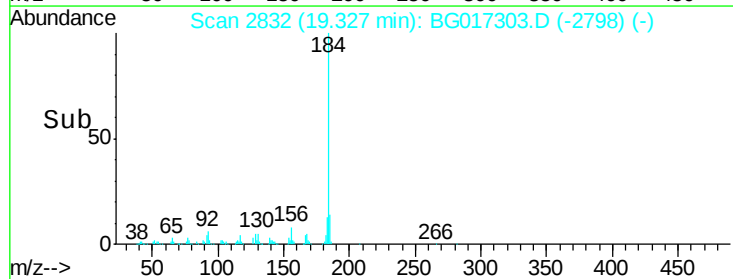
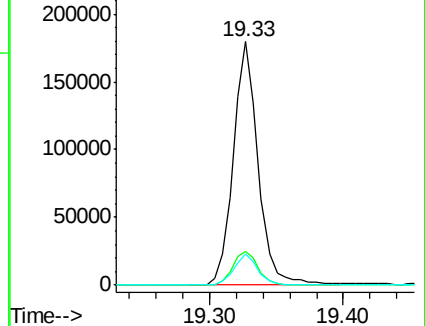
183 12.6 11.4 17.2



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

Pvrene

Concen: 41.23 ng

RT: 19.50 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

PB83599BS

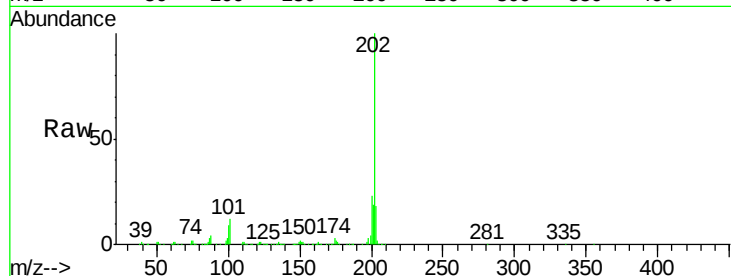
Tot Ion:202 Resp: 471627

Ion Ratio Lower Upper

202 100

200 22.7 17.8 26.8

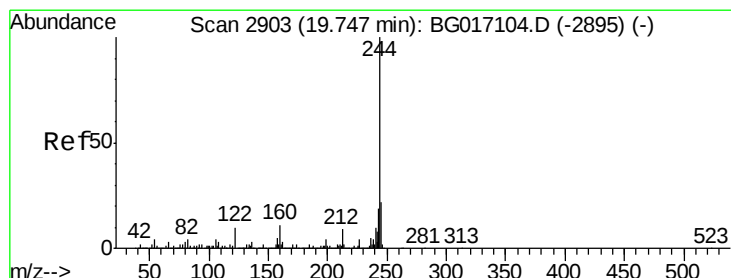
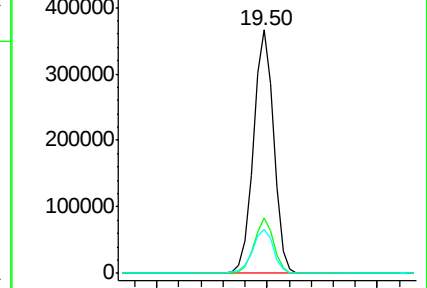
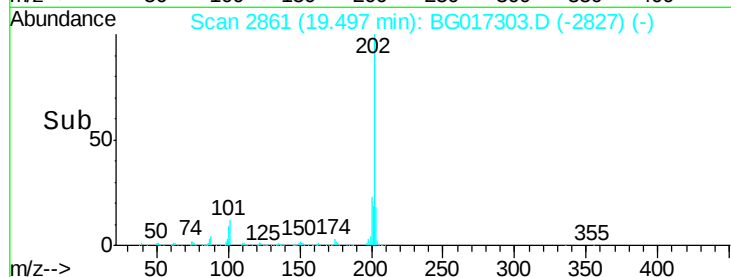
203 17.9 14.4 21.6



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: 81.47 ng

RT: 19.70 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

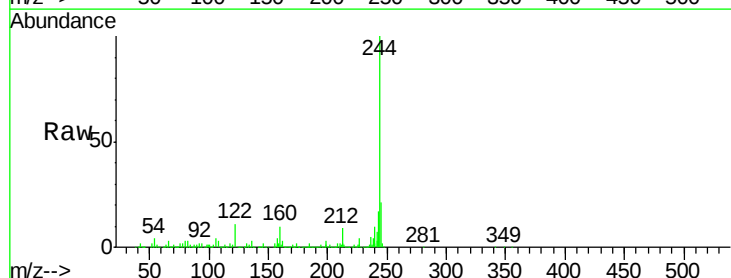
Tgt Ion:244 Resp: 728852

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

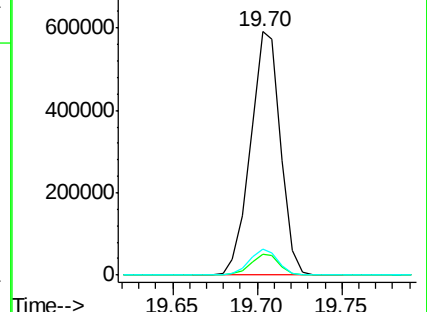
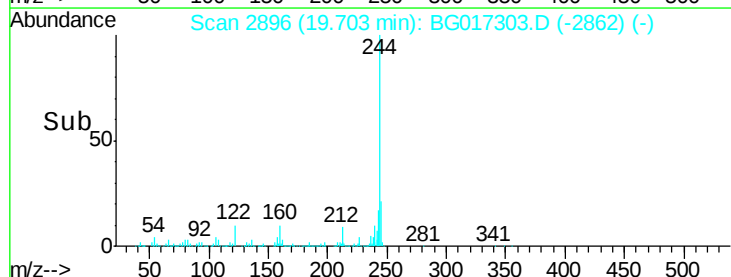
122 10.7 8.4 12.6

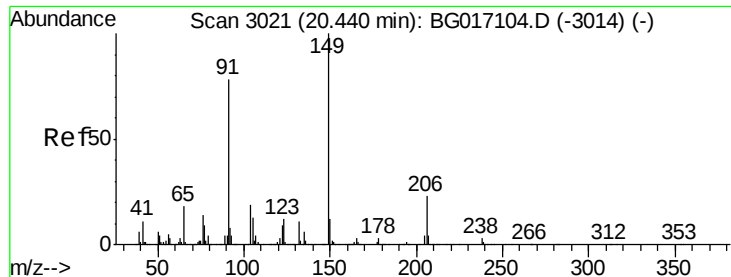


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

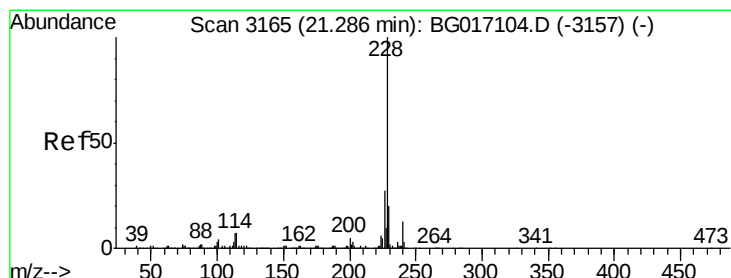
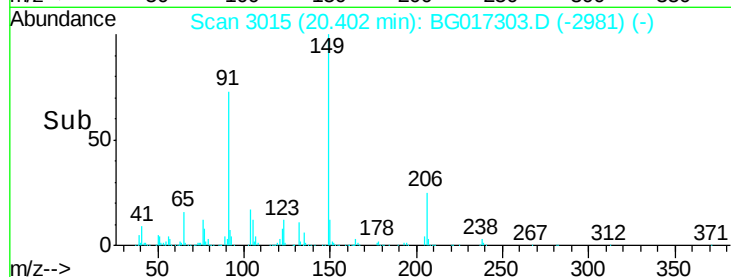
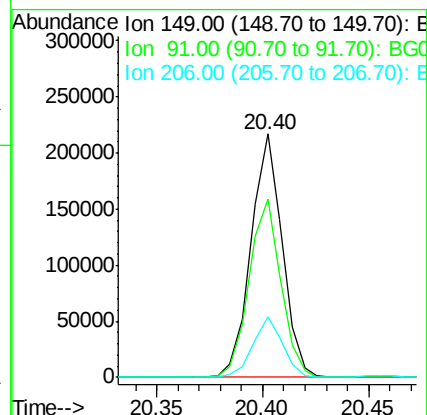
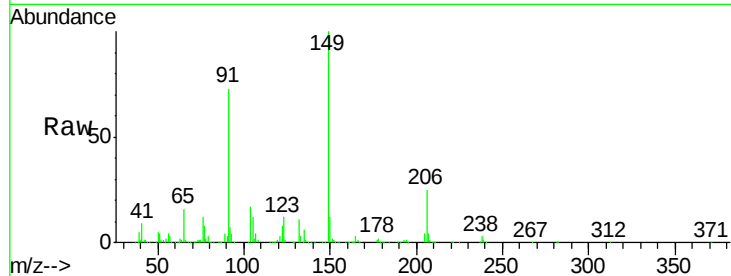




#79
Butylbenzylphthalate
Concen: 42.84 ng
RT: 20.40 min Scan# 3015
Delta R.T. -0.00 min
Lab File: BG017303.D
Acq: 27 May 2015 15:41

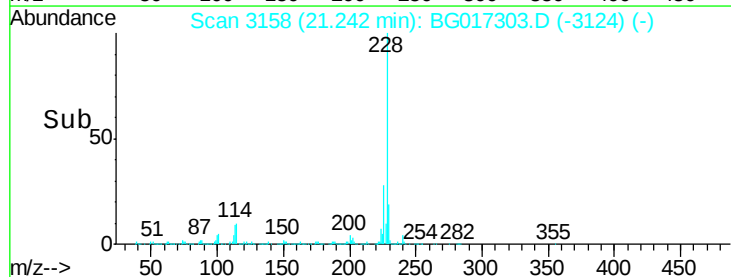
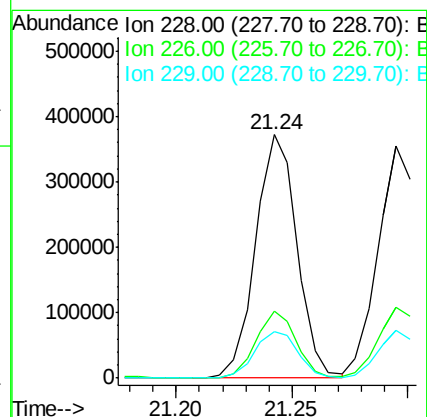
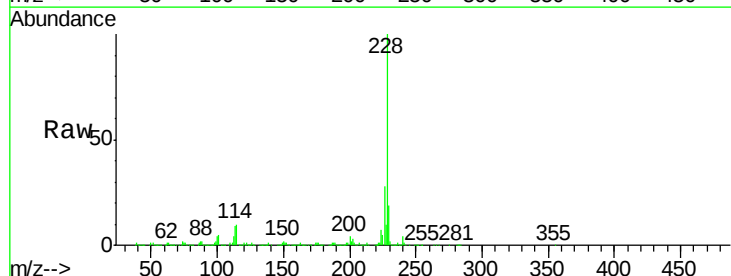
Instrument :
BNA_G
ClientSampleId :
PB83599BS

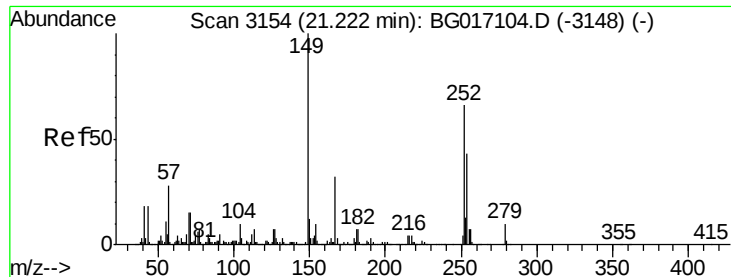
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.1	62.0	93.0
206	24.8	18.6	27.8



#80
Benzo(a)anthracene
Concen: 43.35 ng
RT: 21.24 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG017303.D
Acq: 27 May 2015 15:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.7	32.5
229	19.3	16.1	24.1

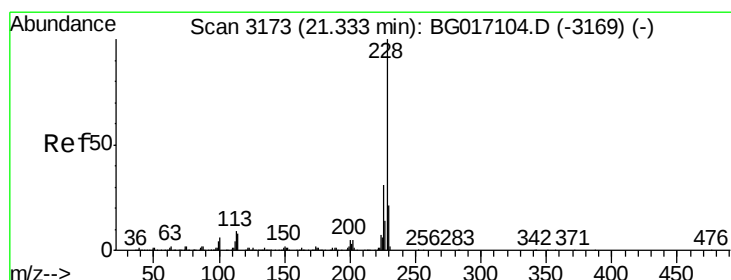
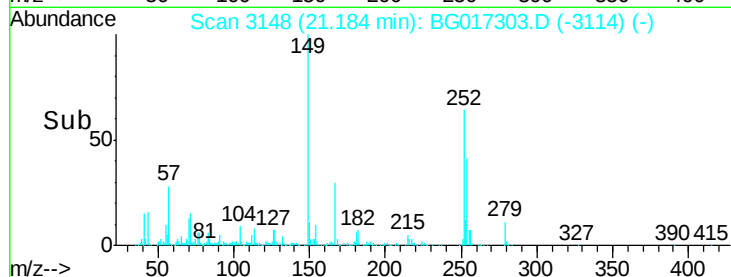
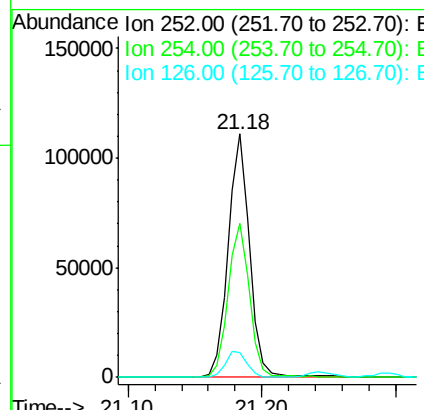
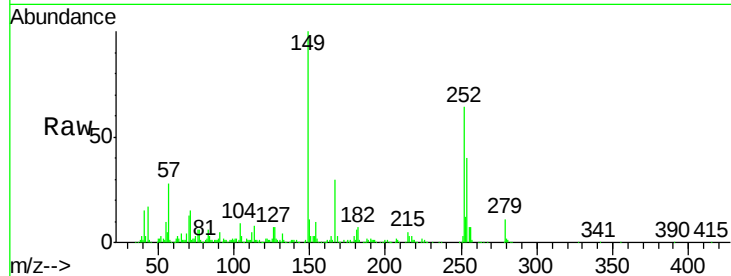




#81
 3,3'-Dichlorobenzidine
 Concen: 30.37 ng
 RT: 21.18 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: BG017303.D
 Acq: 27 May 2015 15:41

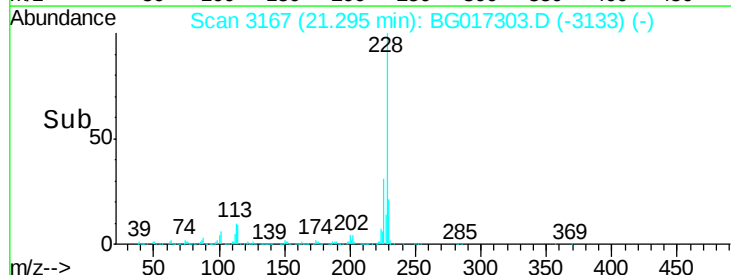
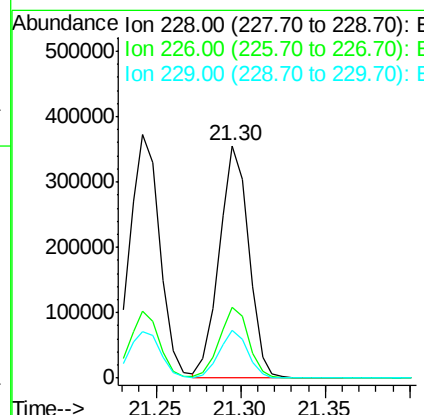
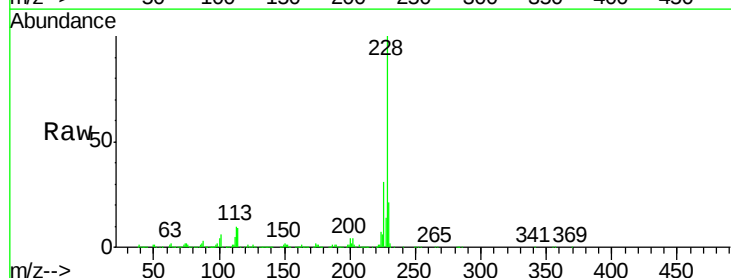
Instrument :
 BNA_G
 ClientSampleId :
 PB83599BS

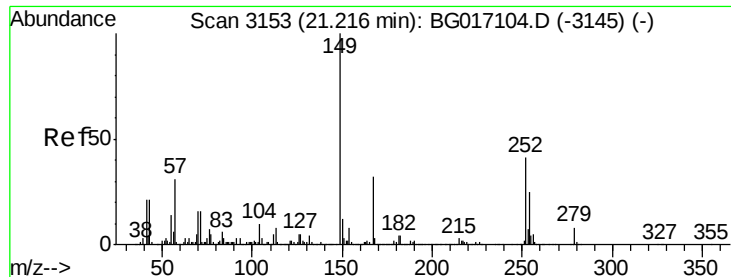
Tot Ion:252 Resp: 125572
 Ion Ratio Lower Upper
 252 100
 254 63.1 52.1 78.1
 126 10.2 8.8 13.2



#82
 Chrysene
 Concen: 43.36 ng
 RT: 21.30 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG017303.D
 Acq: 27 May 2015 15:41

Tgt Ion:228 Resp: 431448
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.8 37.2
 229 20.7 17.0 25.6

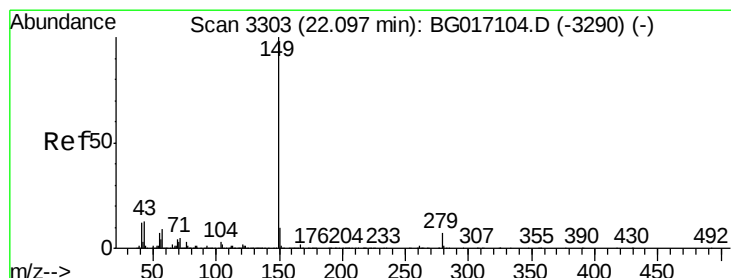
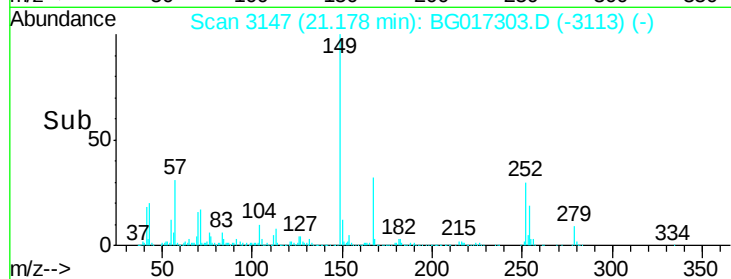
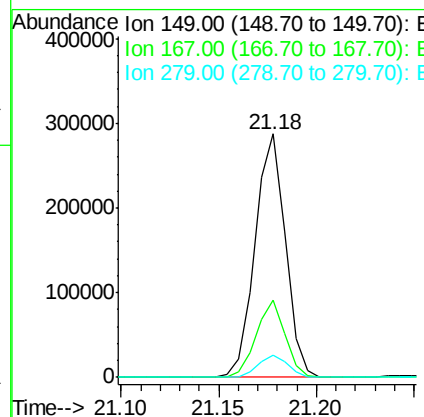
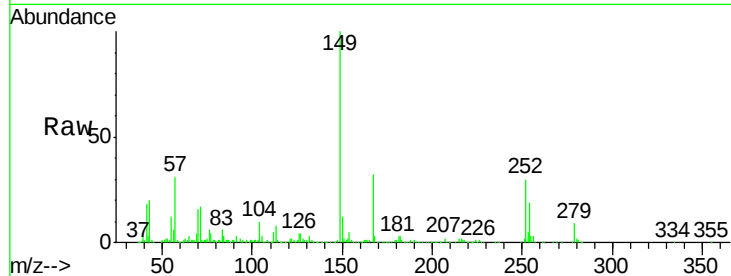




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.95 ng
 RT: 21.18 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG017303.D
 Acq: 27 May 2015 15:41

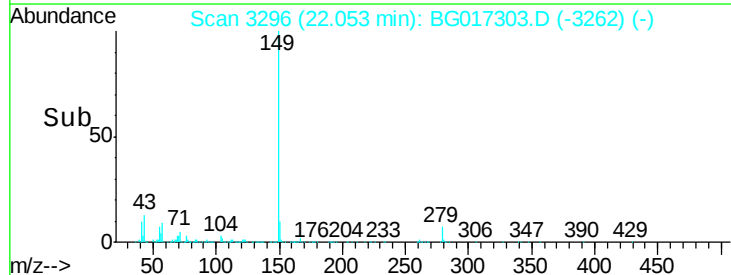
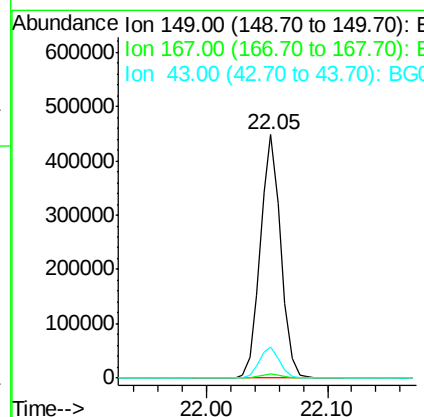
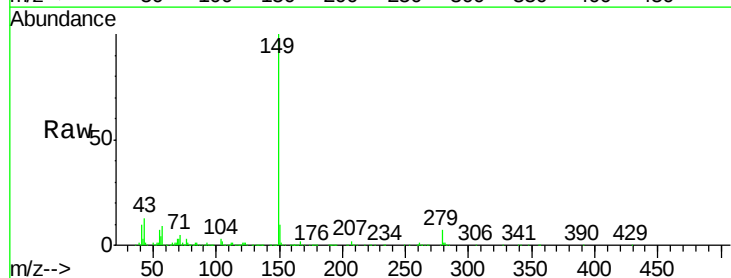
Instrument :
 BNA_G
 ClientSampleId :
 PB83599BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	32.0	25.4	38.2
279	9.0	6.8	10.2



#84
 Di-n-octyl phthalate
 Concen: 42.75 ng
 RT: 22.05 min Scan# 3296
 Delta R.T. -0.00 min
 Lab File: BG017303.D
 Acq: 27 May 2015 15:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	12.8	10.9	16.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.74 ng

RT: 25.81 min Scan# 3935

Delta R.T. -0.01 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

PB83599BS

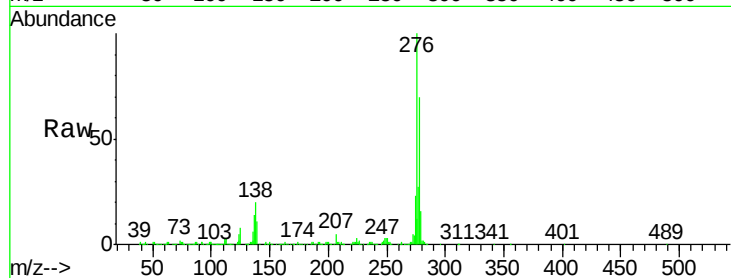
Tot Ion:276 Resp: 508912

Ion Ratio Lower Upper

276 100

138 22.0 16.0 24.0

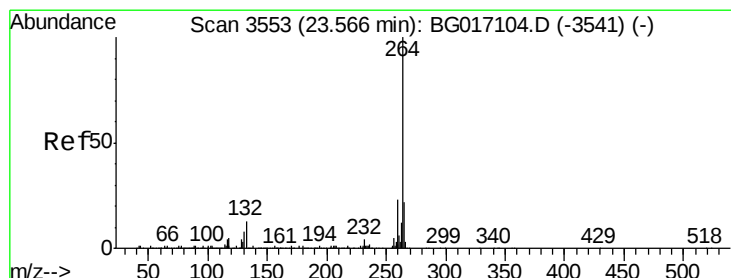
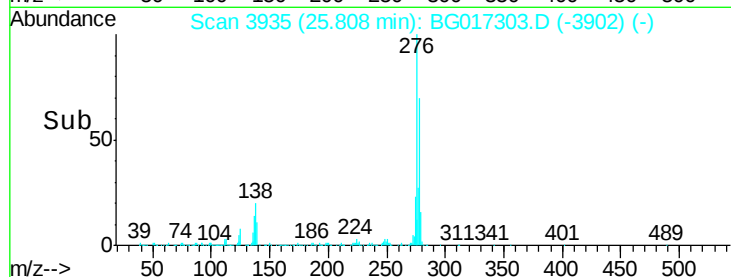
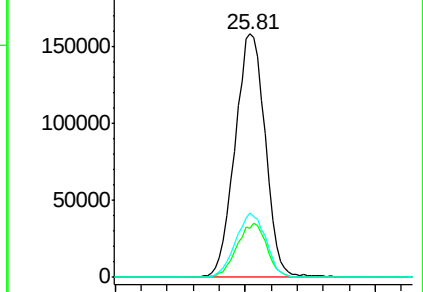
277 26.5 20.9 31.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.51 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

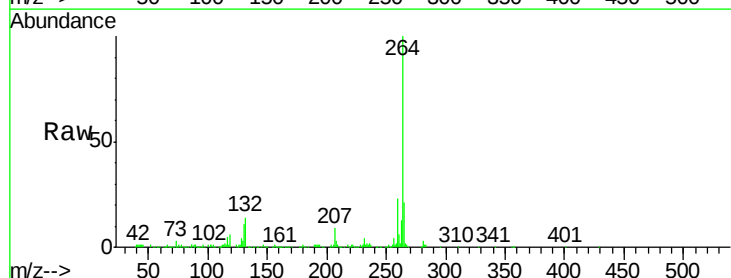
Tgt Ion:264 Resp: 181676

Ion Ratio Lower Upper

264 100

260 23.2 18.0 27.0

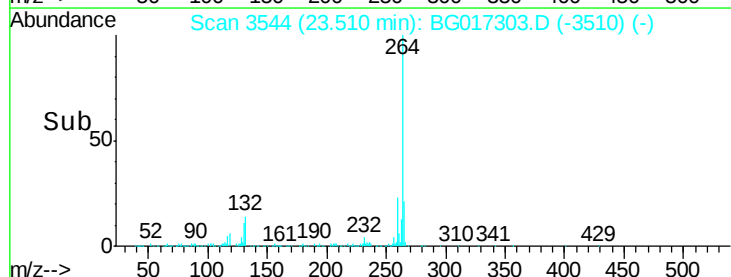
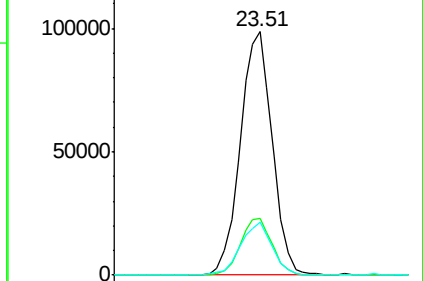
265 21.5 17.4 26.0

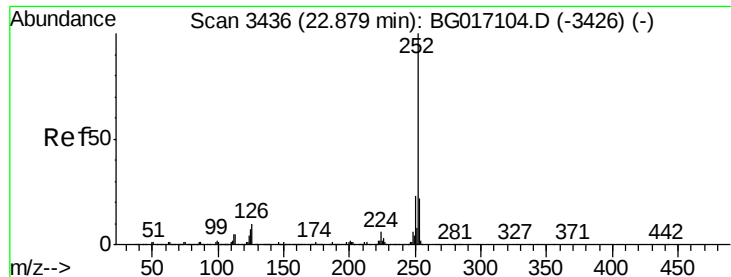


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.13 ng

RT: 22.83 min Scan# 3428

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

PB83599BS

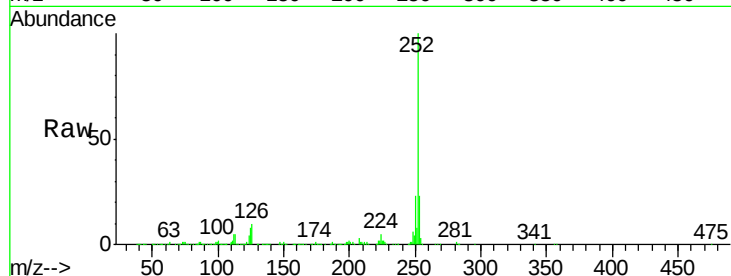
Tot Ion:252 Resp: 456747

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

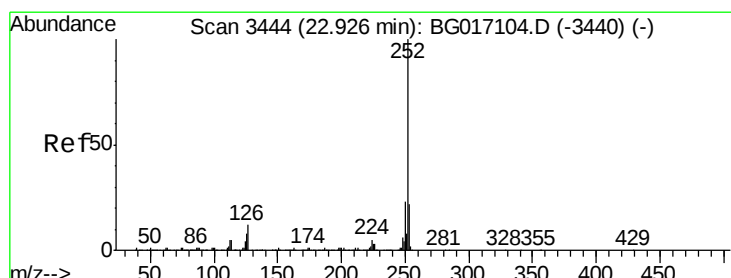
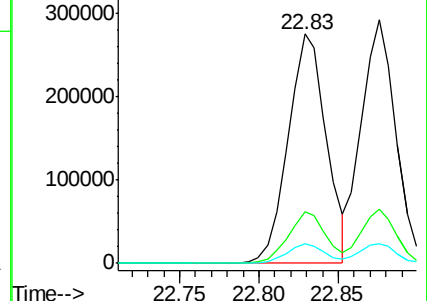
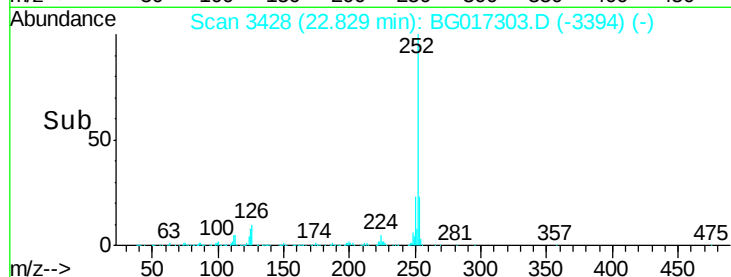
125 8.4 5.9 8.9



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: 43.68 ng

RT: 22.88 min Scan# 3436

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

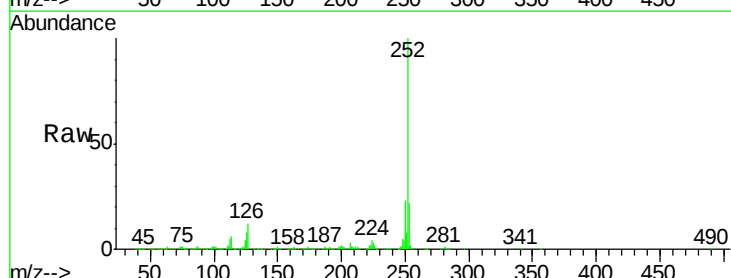
Tgt Ion:252 Resp: 439179

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

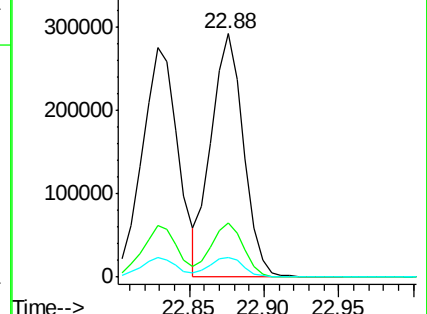
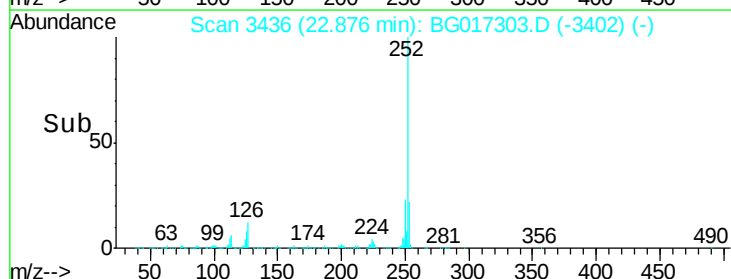
125 7.9 6.4 9.6

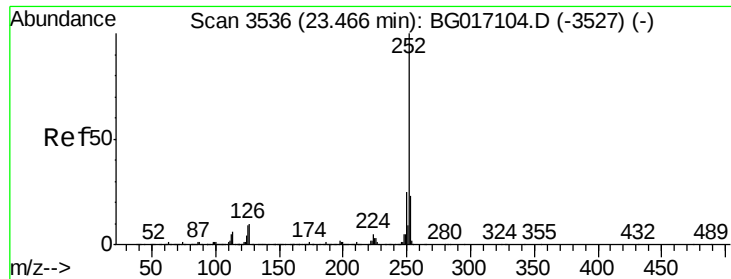


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.06 ng

RT: 23.41 min Scan# 3527

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

Instrument :

BNA_G

ClientSampleId :

PB83599BS

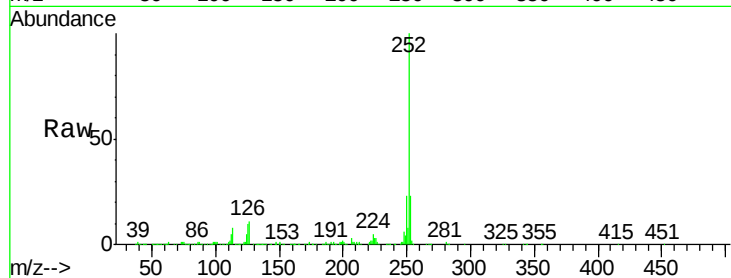
Tot Ion:252 Resp: 438253

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

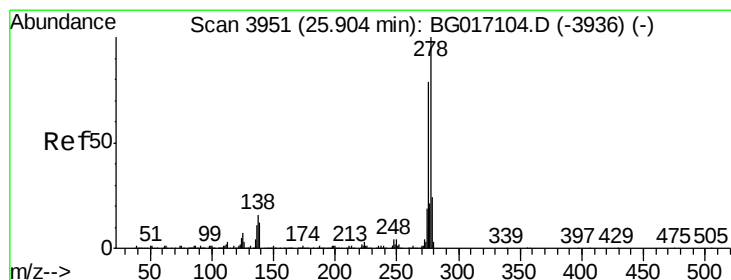
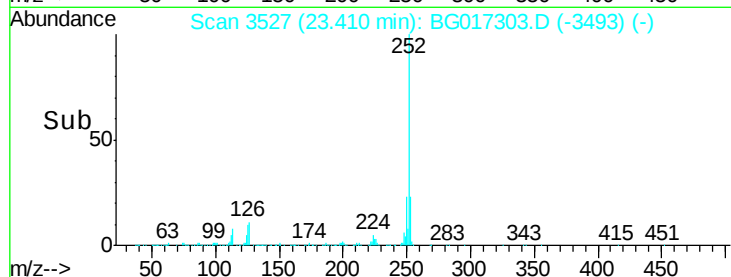
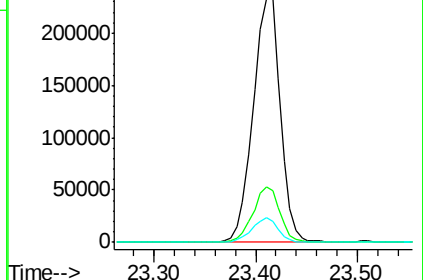
125 10.4 7.2 10.8



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: 42.72 ng

RT: 25.83 min Scan# 3938

Delta R.T. -0.00 min

Lab File: BG017303.D

Acq: 27 May 2015 15:41

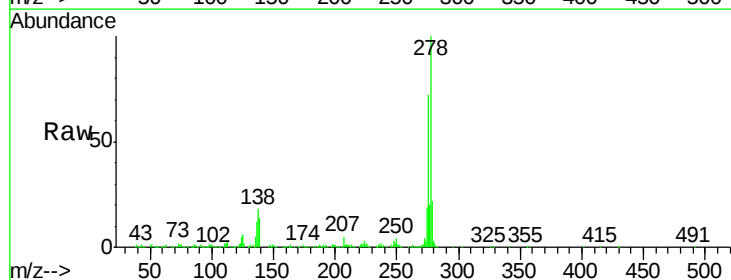
Tgt Ion:278 Resp: 426535

Ion Ratio Lower Upper

278 100

139 13.5 9.4 14.2

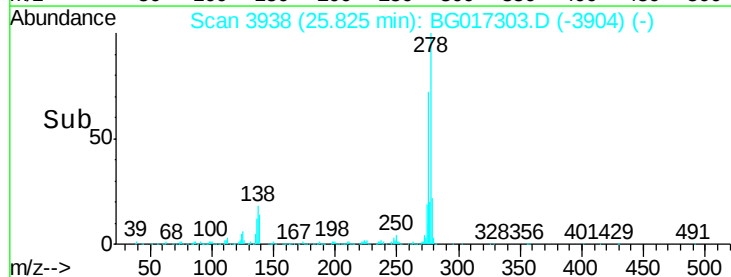
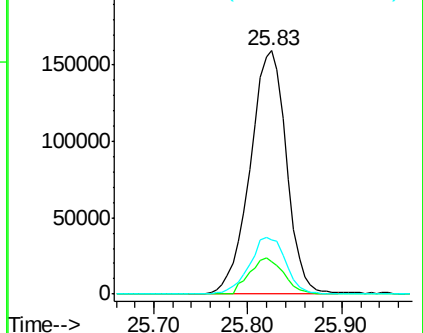
279 22.2 19.1 28.7

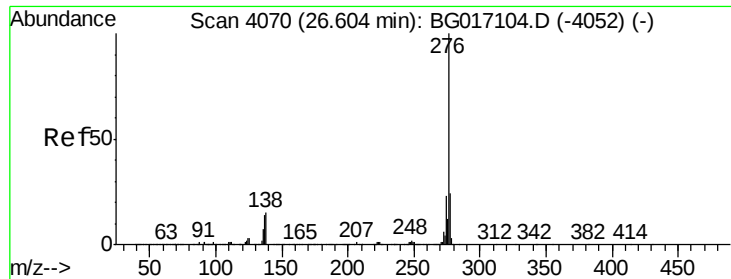


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 43.31 ng
 RT: 26.52 min Scan# 4056
 Delta R.T. -0.00 min
 Lab File: BG017303.D
 Acq: 27 May 2015 15:41

Instrument :
 BNA_G
 ClientSampleId :
 PB83599BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.9	28.3
138	18.8	11.8	17.8

