

Data Path : Z:\HPCHEM1\BNA_G\Data\BG062315\
 Data File : BG017759.D
 Acq On : 23 Jun 2015 17:22
 Operator : TP/IZ
 Sample : PB84129BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB84129BS

Quant Time: Jun 24 01:01:44 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 06:05:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	80372	20.00	ng	-0.01
21) Naphthalene-d8	10.39	136	363814	20.00	ng	-0.01
38) Acenaphthene-d10	14.27	164	227810	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	514022	20.00	ng	-0.01
75) Chrysene-d12	21.22	240	558393	20.00	ng	-0.01
86) Perylene-d12	23.44	264	524657	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	394011	86.03	ng	-0.01
7) Phenol-d6	6.79	99	544787	84.63	ng	-0.01
23) Nitrobenzene-d5	8.76	82	600869	95.00	ng	-0.01
41) 2,4,6-Tribromophenol	15.76	330	160465	75.96	ng	-0.01
44) 2-Fluorobiphenyl	12.88	172	1190165	84.85	ng	-0.02
78) Terphenyl-d14	19.66	244	1896254	77.16	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	57158	28.65	ng	90
3) Pyridine	3.55	79	214057	38.55	ng	93
4) n-Nitrosodimethylamine	3.47	42	100843	39.96	ng	# 99
6) Aniline	6.94	93	216589	24.47	ng	98
8) 2-Chlorophenol	7.18	128	204333	35.67	ng	89
9) Benzaldehyde	6.75	77	106107	28.44	ng	94
10) Phenol	6.81	94	271001	38.62	ng	93
11) bis(2-Chloroethyl)ether	7.05	93	191676	36.02	ng	95
12) 1,3-Dichlorobenzene	7.49	146	198064	31.08	ng	96
13) 1,4-Dichlorobenzene	7.65	146	200284	30.41	ng	100
14) 1,2-Dichlorobenzene	7.96	146	196344	31.58	ng	99
15) Benzyl Alcohol	7.85	79	197401	35.61	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.15	45	309096	38.06	ng	96
17) 2-Methylphenol	8.05	107	180315	34.52	ng	97
18) Hexachloroethane	8.68	117	81910	32.43	ng	96
19) n-Nitroso-di-n-propylamine	8.42	70	173624	32.05	ng	# 94
20) 3+4-Methylphenols	8.38	107	245984	34.91	ng	96
22) Acetophenone	8.43	105	285292	34.58	ng	# 97
24) Nitrobenzene	8.80	77	249106	36.65	ng	99
25) Isophorone	9.33	82	467393	33.18	ng	95
26) 2-Nitrophenol	9.51	139	107939	34.80	ng	99
27) 2,4-Dimethylphenol	9.58	122	205926	35.06	ng	98
28) bis(2-Chloroethoxy)methane	9.81	93	255026	35.92	ng	96
29) 2,4-Dichlorophenol	10.04	162	182605	35.28	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	173140	29.78	ng	99
31) Naphthalene	10.44	128	625913	31.83	ng	99
32) Benzoic acid	9.69	122	73811	26.95	ng	97
33) 4-Chloroaniline	10.55	127	119967	13.94	ng	95
34) Hexachlorobutadiene	10.73	225	101067	30.37	ng	97
35) Caprolactam	11.32	113	99495m	34.61	ng	
36) 4-Chloro-3-methylphenol	11.69	107	225001	35.13	ng	93
37) 2-Methylnaphthalene	12.07	142	462325	32.68	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.44	216	187826	30.74	ng	# 98
40) Hexachlorocyclopentadiene	12.42	237	257385	62.72	ng	98

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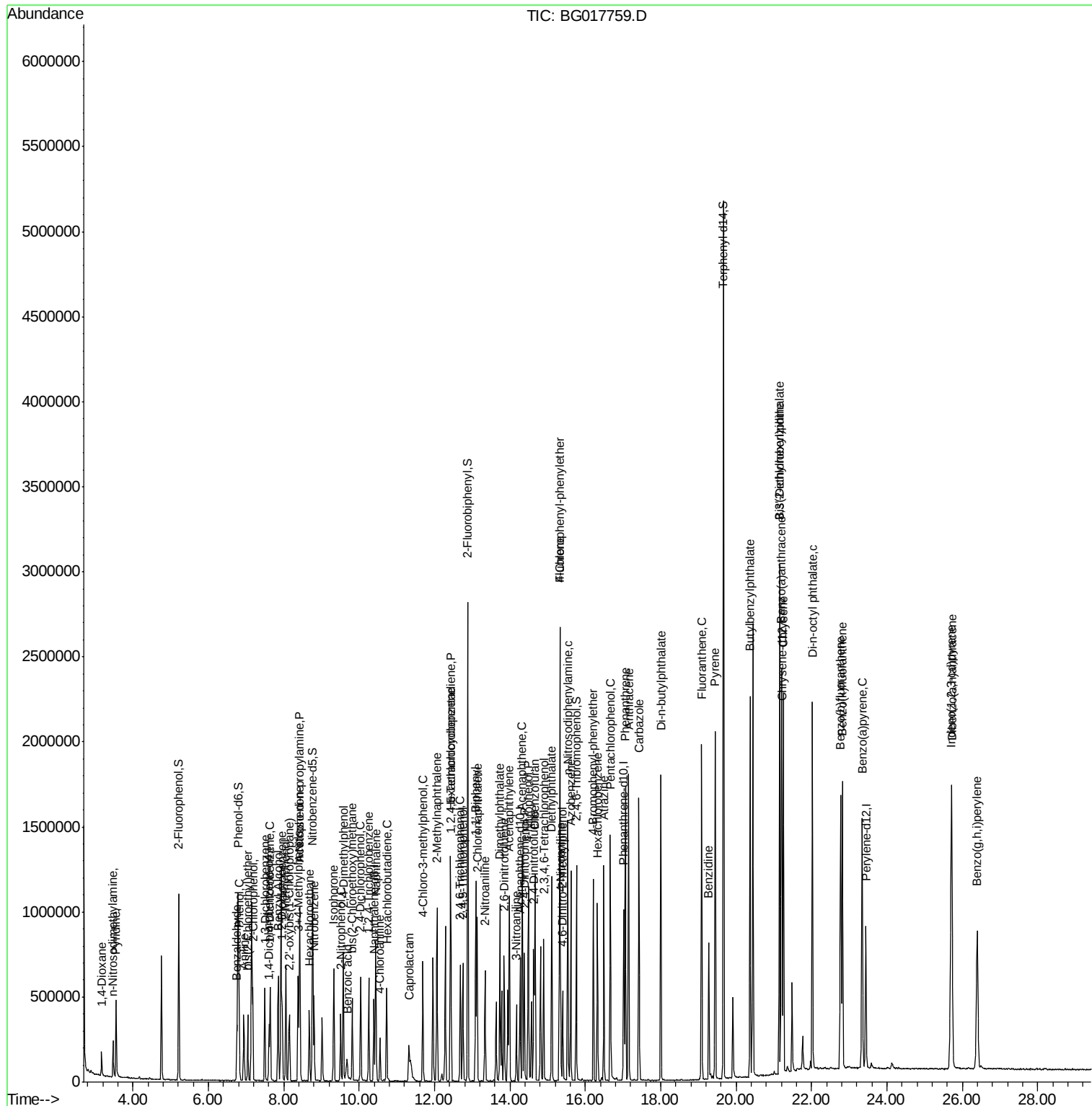
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	135156	32.67	ng	98
43) 2,4,5-Trichlorophenol	12.75	196	146219	32.42	ng	95
45) 1,1'-Biphenyl	13.09	154	548894	32.61	ng	96
46) 2-Chloronaphthalene	13.13	162	425117	31.38	ng	99
47) 2-Nitroaniline	13.34	65	166737	41.17	ng	94
48) Acenaphthylene	13.99	152	758612	31.33	ng	99
49) Dimethylphthalate	13.73	163	557153	31.98	ng	99
50) 2,6-Dinitrotoluene	13.85	165	128909	35.88	ng	91
51) Acenaphthene	14.33	154	450427	30.83	ng	99
52) 3-Nitroaniline	14.17	138	95418	22.73	ng	97
53) 2,4-Dinitrophenol	14.38	184	130542	75.54	ng	# 83
54) Dibenzofuran	14.67	168	676653	32.89	ng	98
55) 4-Nitrophenol	14.49	139	263353	79.41	ng	93
56) 2,4-Dinitrotoluene	14.64	165	181677	35.95	ng	88
57) Fluorene	15.32	166	596962	32.10	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.89	232	134201	35.88	ng	94
59) Diethylphthalate	15.11	149	616463	32.61	ng	99
60) 4-Chlorophenyl-phenylether	15.32	204	273226	32.01	ng	95
61) 4-Nitroaniline	15.34	138	177004	37.98	ng	91
62) Azobenzene	15.61	77	708323	35.76	ng	97
64) 4,6-Dinitro-2-methylphenol	15.40	198	95298	36.15	ng	88
65) n-Nitrosodiphenylamine	15.54	169	521517	31.76	ng	98
66) 4-Bromophenyl-phenylether	16.21	248	163237	30.75	ng	96
67) Hexachlorobenzene	16.32	284	170118	29.58	ng	94
68) Atrazine	16.50	200	190182	31.73	ng	100
69) Pentachlorophenol	16.67	266	210119	72.83	ng	98
70) Phenanthrene	17.06	178	933234	32.19	ng	98
71) Anthracene	17.15	178	950517	32.83	ng	98
72) Carbazole	17.42	167	906607	31.95	ng	99
73) Di-n-butylphthalate	18.01	149	1180713	33.33	ng	98
74) Fluoranthene	19.09	202	1076808	32.54	ng	98
76) Benzidine	19.27	184	398789	21.41	ng	98
77) Pyrene	19.45	202	1115735	31.40	ng	98
79) Butylbenzylphthalate	20.37	149	558189	33.21	ng	93
80) Benzo(a)anthracene	21.20	228	1001527	31.15	ng	99
81) 3,3'-Dichlorobenzidine	21.14	252	183024	15.27	ng	98
82) Chrysene	21.25	228	921393	31.23	ng	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	763239	32.69	ng	96
84) Di-n-octyl phthalate	22.02	149	1247525	32.55	ng	96
85) Indeno(1,2,3-cd)pyrene	25.71	276	1054107	29.79	ng	98
87) Benzo(b)fluoranthene	22.78	252	976781	30.92	ng	97
88) Benzo(k)fluoranthene	22.82	252	969061	32.09	ng	98
89) Benzo(a)pyrene	23.35	252	942602	32.48	ng	98
90) Dibenzo(a,h)anthracene	25.72	278	897205	30.55	ng	97
91) Benzo(g,h,i)perylene	26.40	276	872567	30.65	ng	95

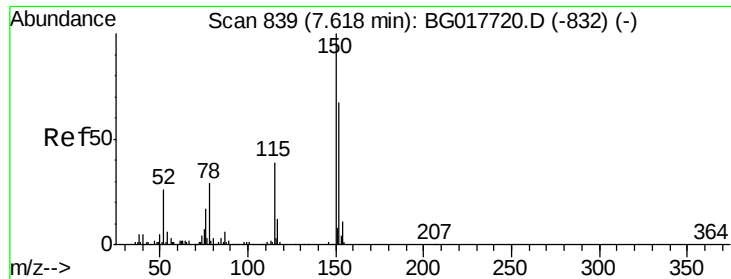
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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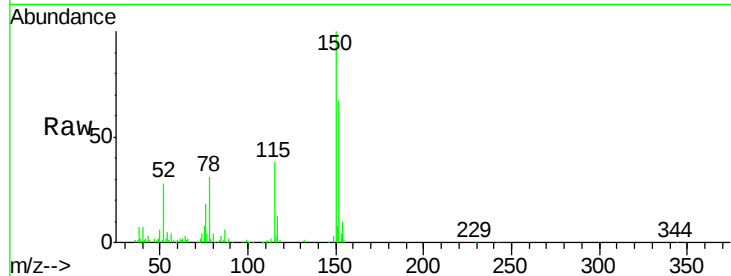


#1

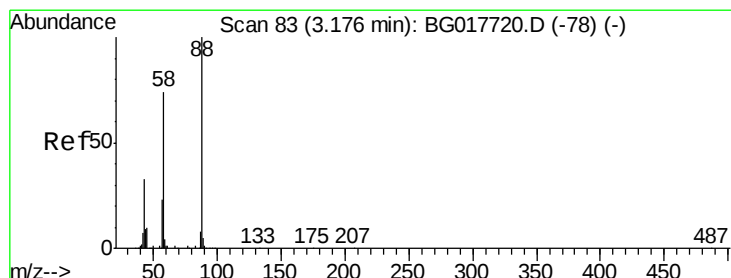
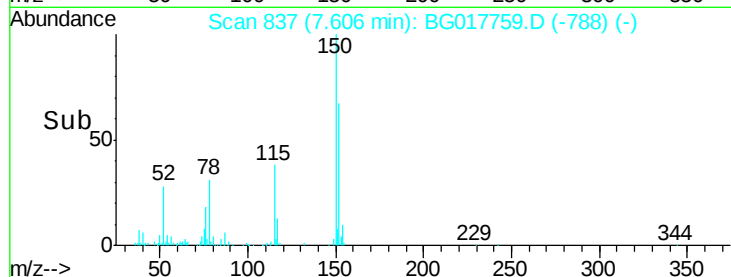
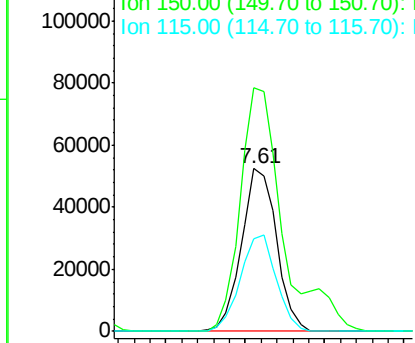
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

Instrument :
BNA_G
ClientSampleId :
PB84129BS

Tgt Ion:152 Resp: 80372
Ion Ratio Lower Upper
152 100
150 149.7 119.1 178.7
115 57.1 47.0 70.4



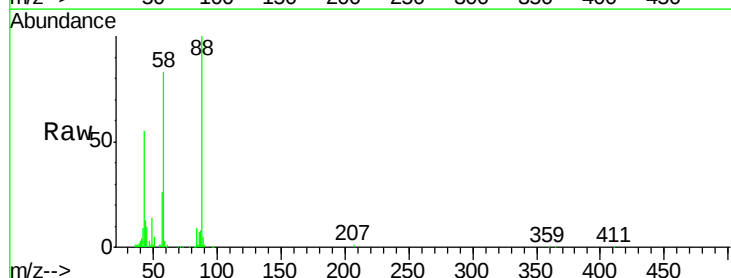
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



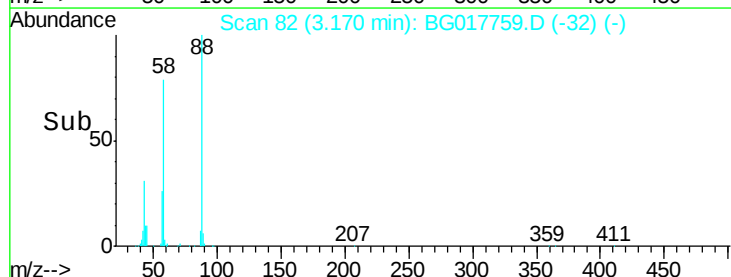
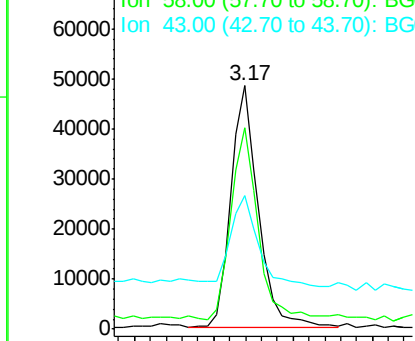
#2

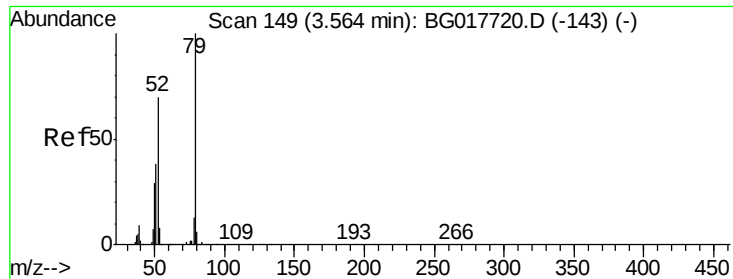
1,4-Dioxane
Concen: 28.65 ng
RT: 3.17 min Scan# 82
Delta R.T. -0.01 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

Tgt Ion: 88 Resp: 57158
Ion Ratio Lower Upper
88 100
58 79.0 55.8 83.8
43 37.9 27.4 41.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 38.55 ng

RT: 3.55 min Scan# 146

Delta R.T. -0.02 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB84129BS

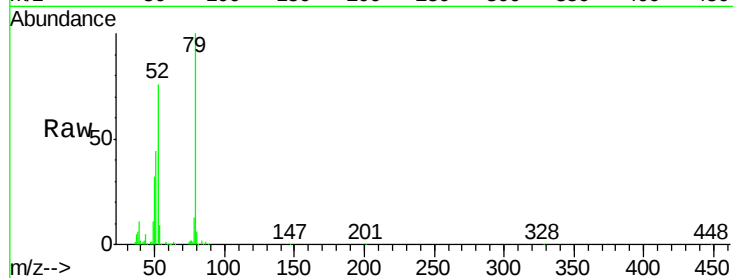
Tgt Ion: 79 Resp: 214057

Ion Ratio Lower Upper

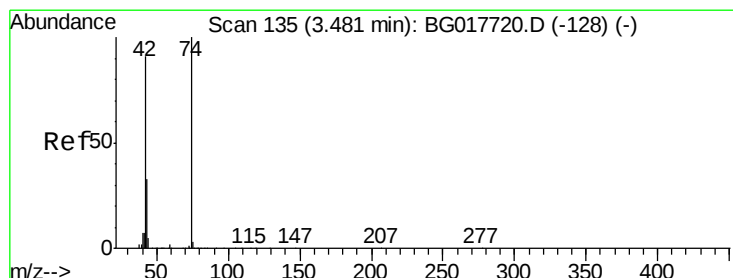
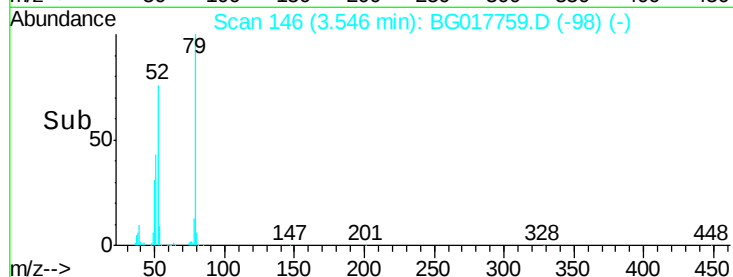
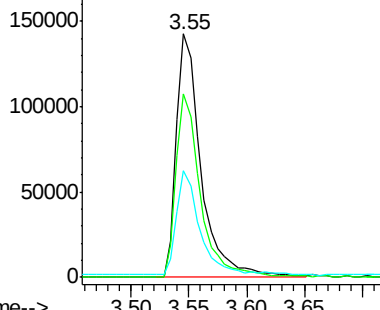
79 100

52 75.6 55.7 83.5

51 43.9 32.2 48.4



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



#4

n-Nitrosodimethylamine

Concen: 39.96 ng

RT: 3.47 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

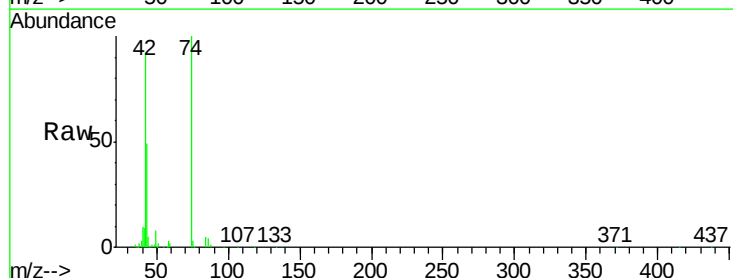
Tgt Ion: 42 Resp: 100843

Ion Ratio Lower Upper

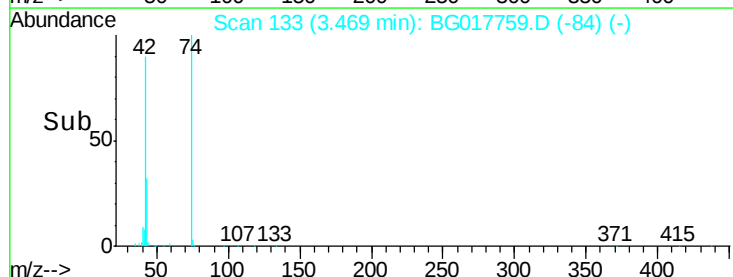
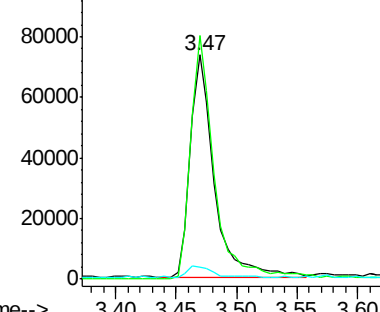
42 100

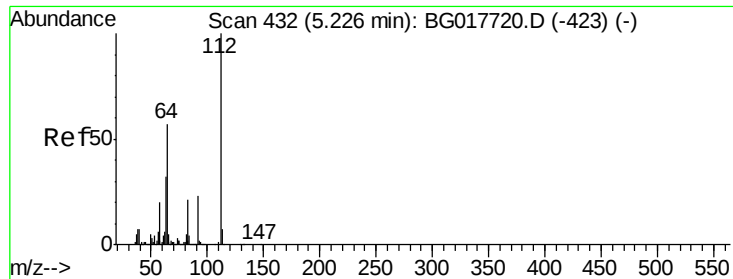
74 108.7 87.4 131.2

44 5.3 6.4 9.6#



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





#5

2-Fluorophenol

Concen: 86.03 ng

RT: 5.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

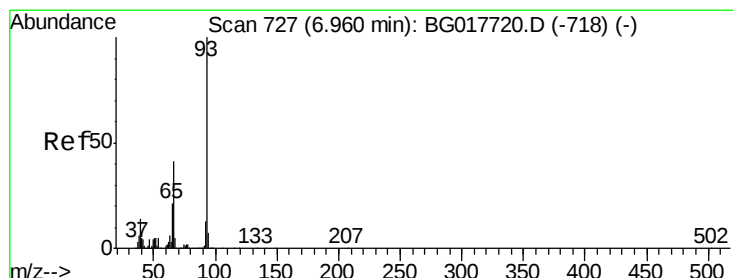
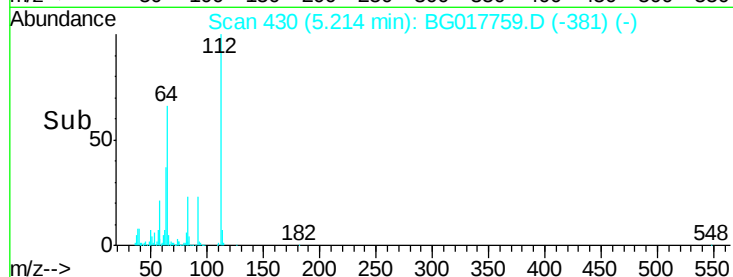
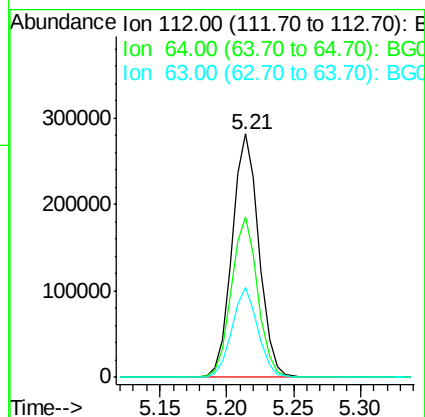
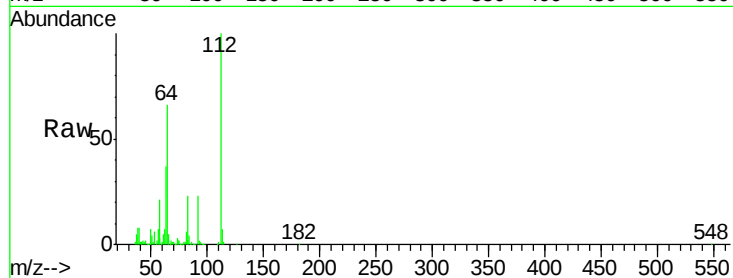
Instrument :

BNA_G

ClientSampleId :

PB84129BS

Tgt Ion:	112	Resp:	394011
Ion	Ratio	Lower	Upper
112	100		
64	65.9	45.4	68.0
63	36.8	25.3	37.9



#6

Aniline

Concen: 24.47 ng

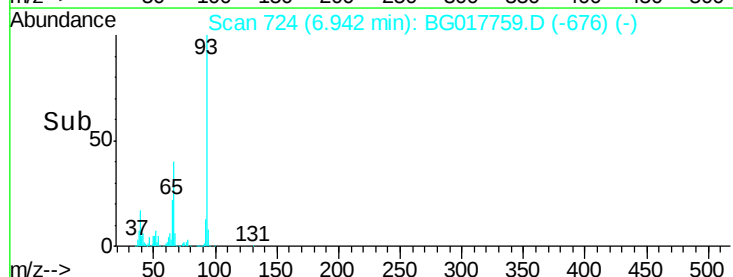
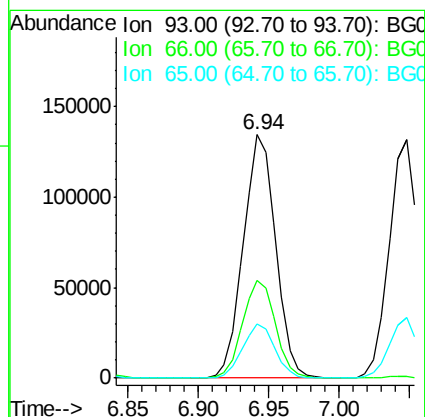
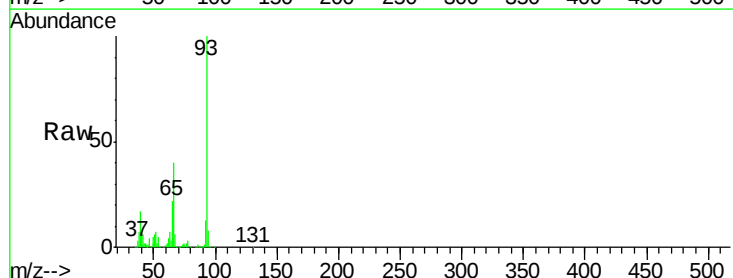
RT: 6.94 min Scan# 724

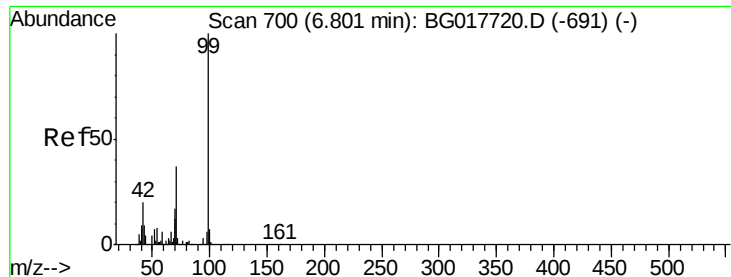
Delta R.T. -0.02 min

Lab File: BG017759.D

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Tgt Ion:	93	Resp:	216589
Ion	Ratio	Lower	Upper
93	100		
66	39.9	32.7	49.1
65	22.3	17.0	25.6





#7

Phenol-d6

Concen: 84.63 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Instrument :

BNA_G

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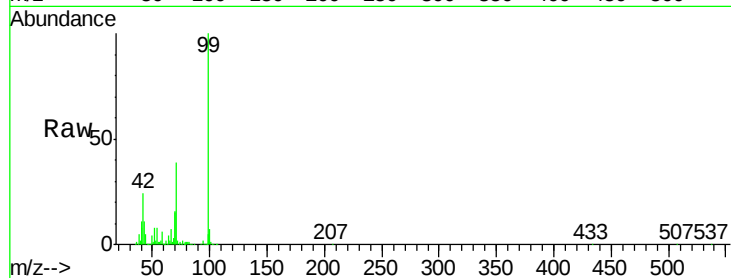
Tgt Ion: 99 Resp: 544787

Ion Ratio Lower Upper

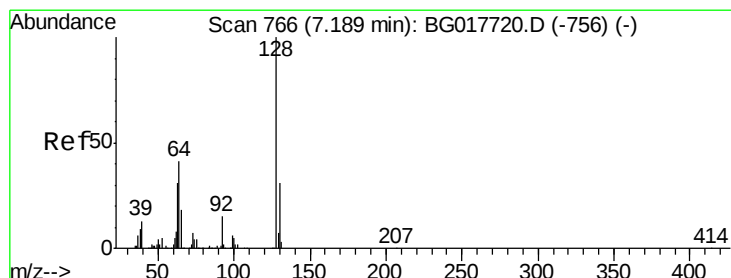
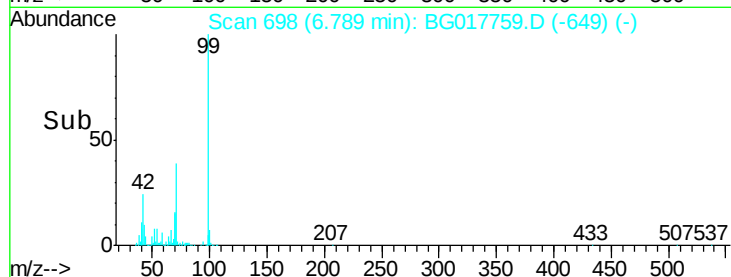
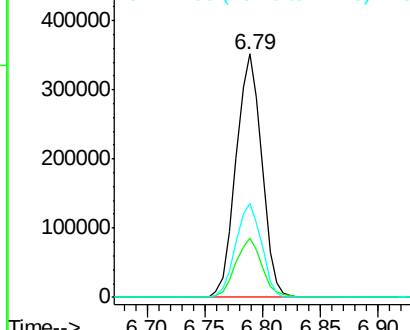
99 100

42 24.4 16.2 24.4#

71 38.8 29.5 44.3



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: 35.67 ng

RT: 7.18 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

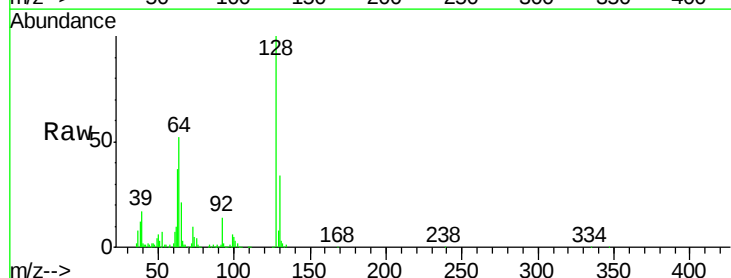
Tgt Ion: 128 Resp: 204333

Ion Ratio Lower Upper

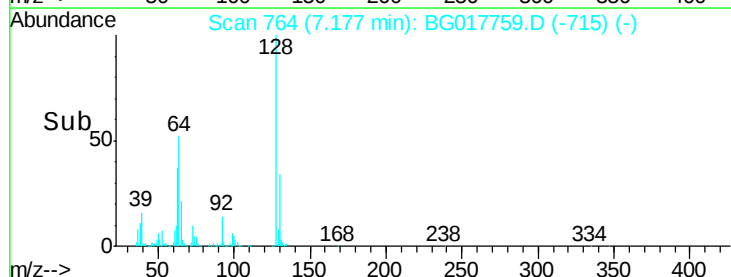
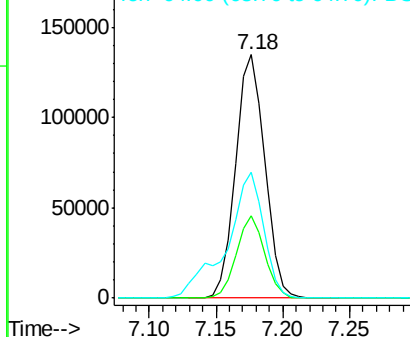
128 100

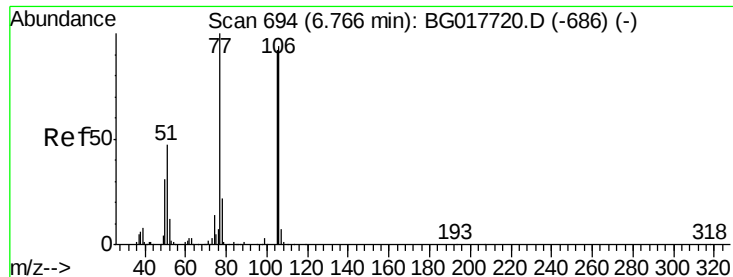
130 33.6 11.1 51.1

64 51.8 21.4 61.4



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: 28.44 ng

RT: 6.75 min Scan# 692

Delta R.T. -0.01 min

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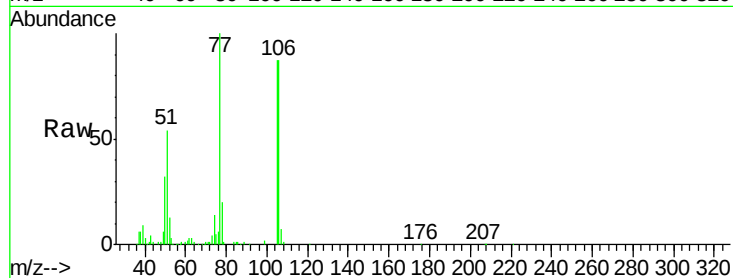
Tgt Ion: 77 Resp: 106107

Ion Ratio Lower Upper

77 100

105 86.8 71.8 111.8

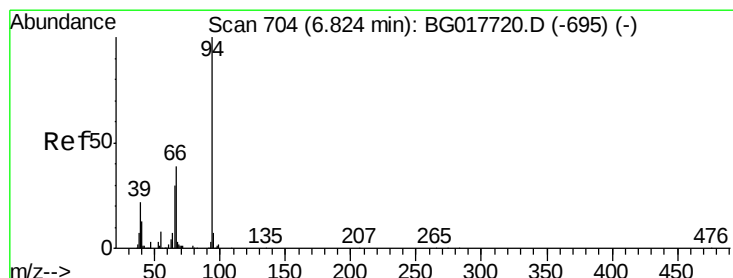
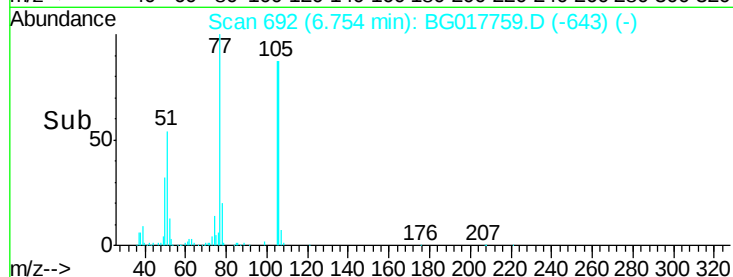
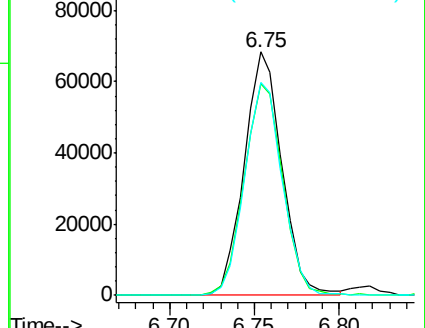
106 87.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.62 ng

RT: 6.81 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

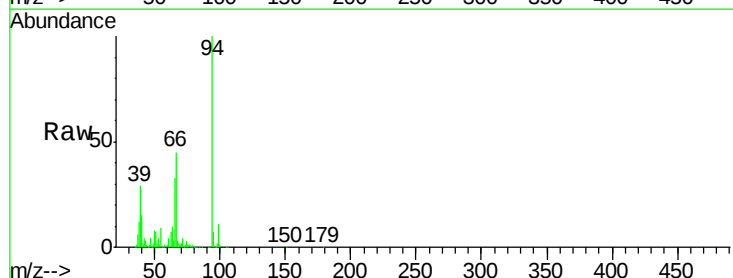
Tgt Ion: 94 Resp: 271001

Ion Ratio Lower Upper

94 100

65 32.7 9.9 49.9

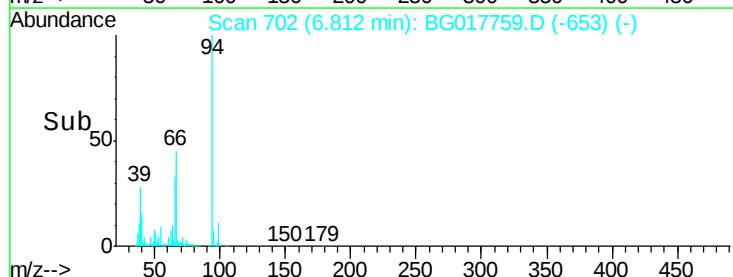
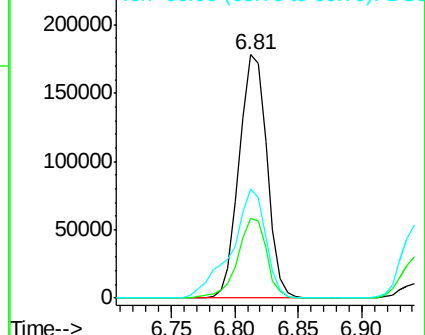
66 44.6 19.4 59.4

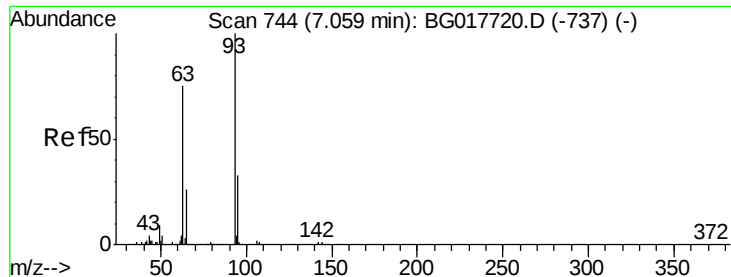


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

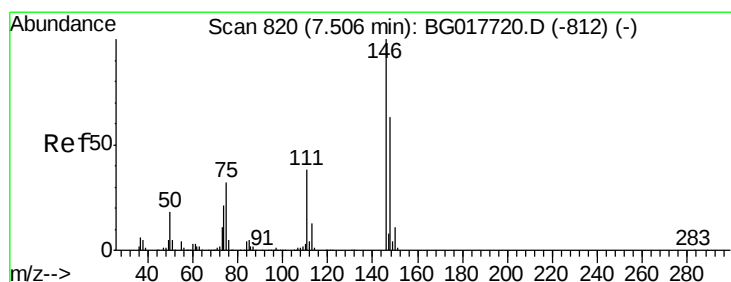
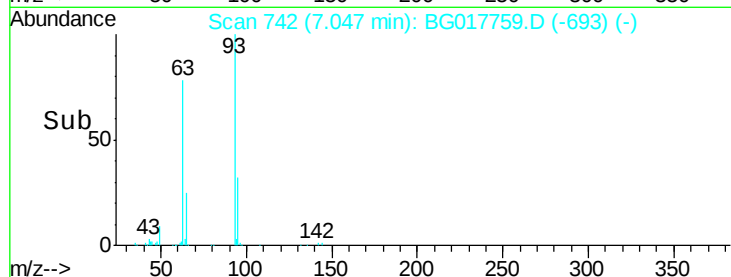
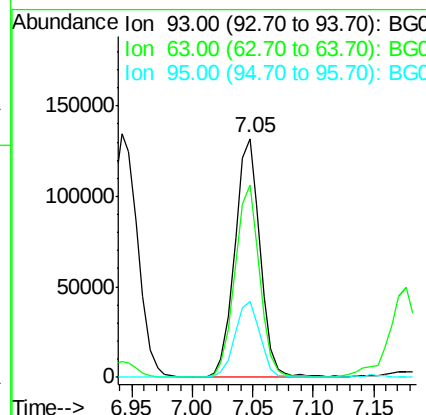
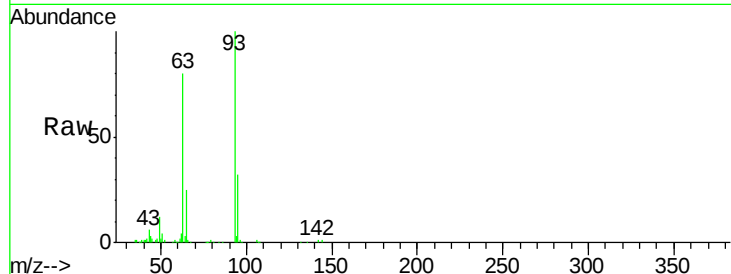




#11
bis(2-Chloroethyl)ether
Concen: 36.02 ng
RT: 7.05 min Scan# 742
Delta R.T. -0.01 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

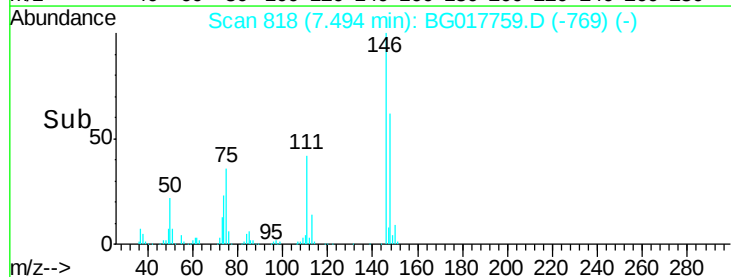
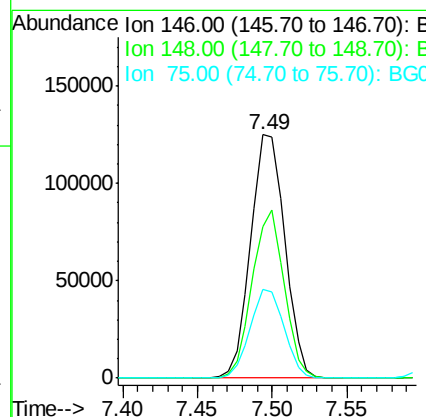
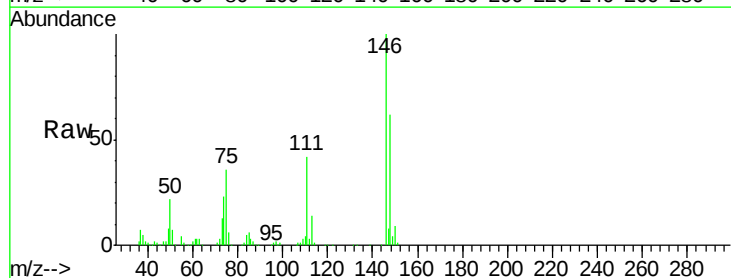
Instrument :
BNA_G
ClientSampleId :
PB84129BS

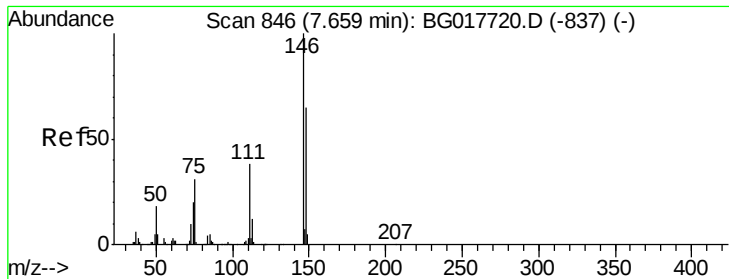
Tgt Ion	Ratio	Lower	Upper
93	100		
63	80.4	54.7	94.7
95	32.1	13.2	53.2



#12
1,3-Dichlorobenzene
Concen: 31.08 ng
RT: 7.49 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.8	76.2
75	36.4	25.8	38.6

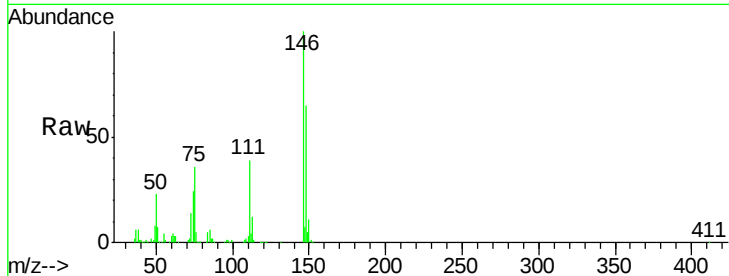




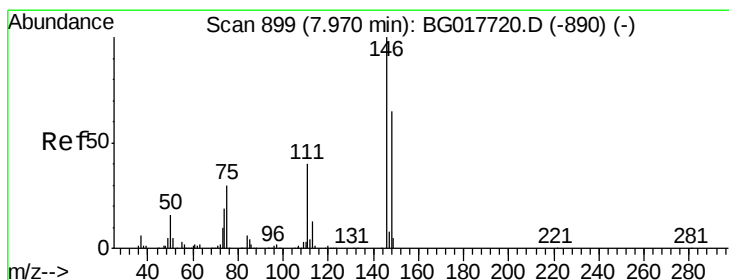
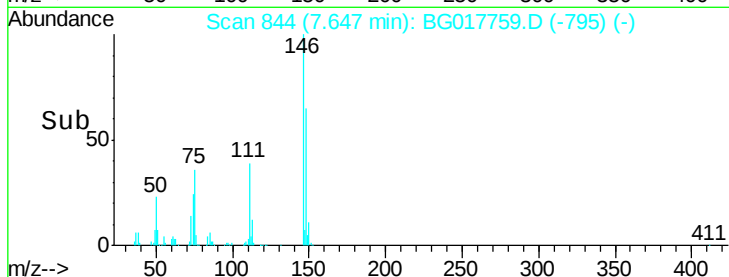
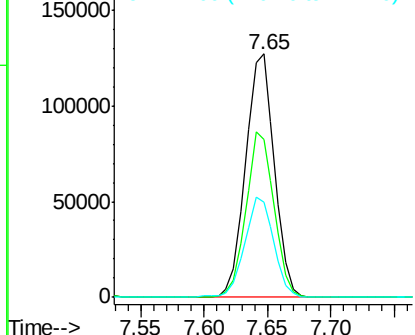
#13
 1,4-Dichlorobenzene
 Concen: 30.41 ng
 RT: 7.65 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BG017759.D
 Acq: 23 Jun 2015 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB84129BS

Tgt Ion:146 Resp: 200284
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.8 77.6
 111 39.0 31.0 46.4

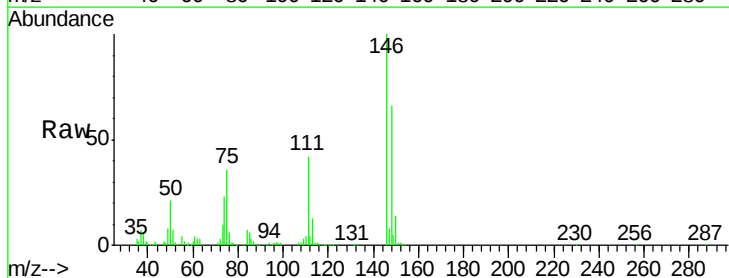


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

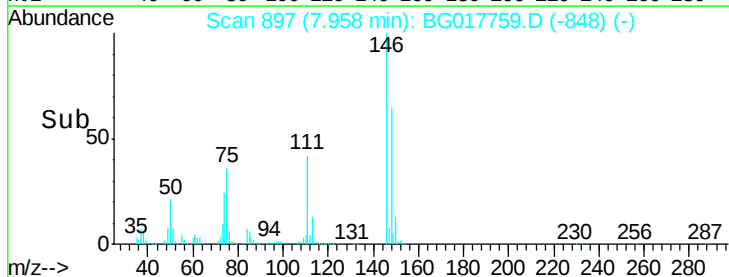
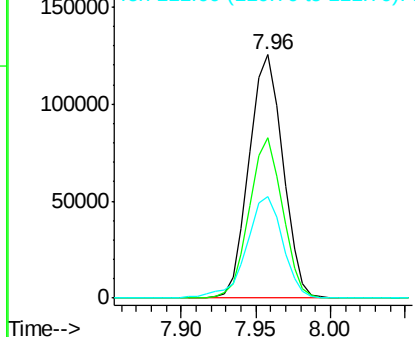


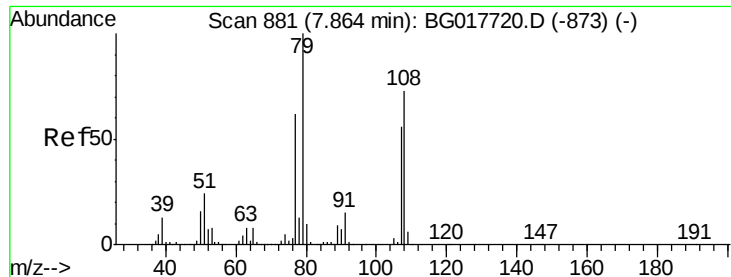
#14
 1,2-Dichlorobenzene
 Concen: 31.58 ng
 RT: 7.96 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG017759.D
 Acq: 23 Jun 2015 17:22

Tgt Ion:146 Resp: 196344
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.2 78.4
 111 42.0 32.3 48.5



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





#15

Benzyl Alcohol

Concen: 35.61 ng

RT: 7.85 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB84129BS

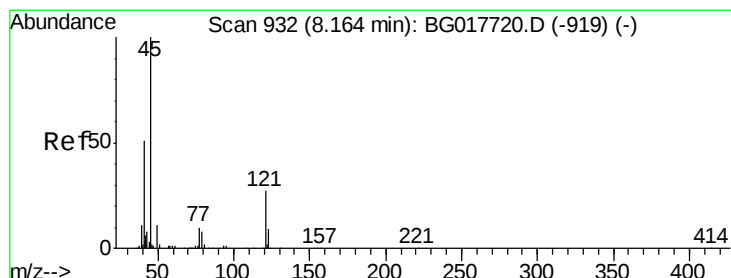
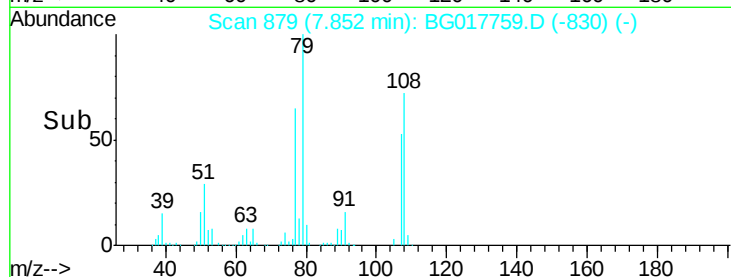
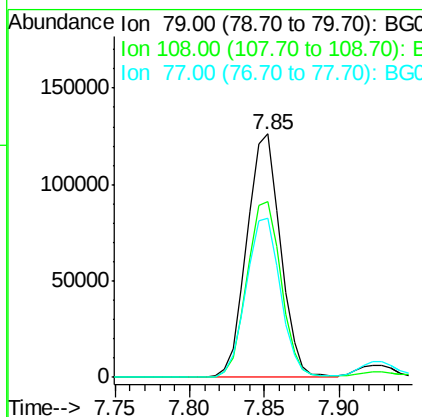
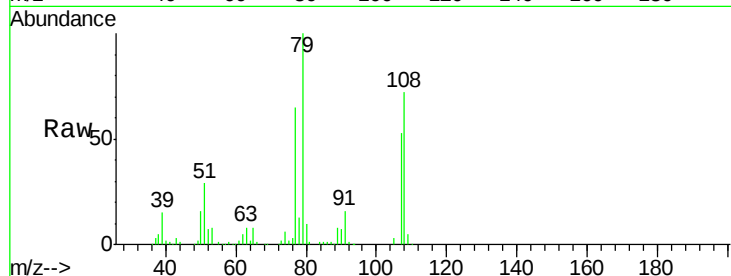
Tgt Ion: 79 Resp: 197401

Ion Ratio Lower Upper

79 100

108 72.2 58.4 87.6

77 65.3 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.06 ng

RT: 8.15 min Scan# 929

Delta R.T. -0.02 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

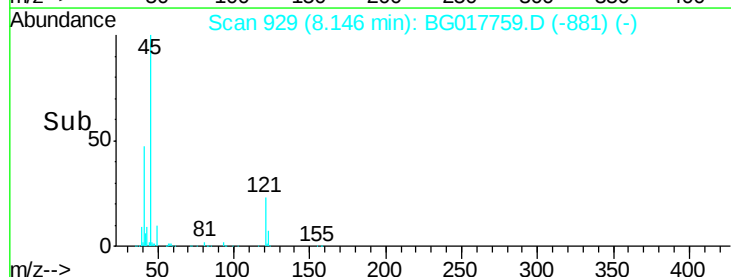
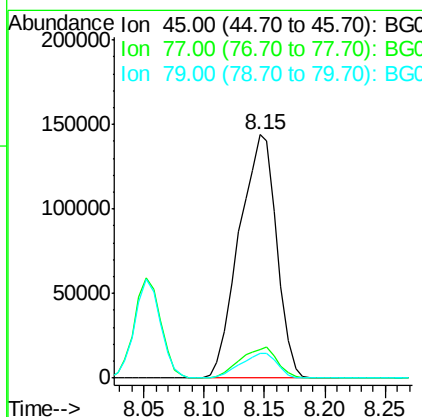
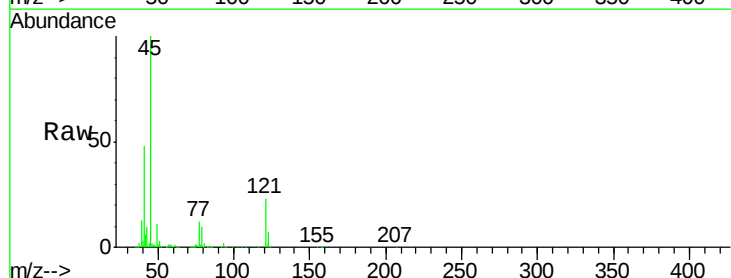
Tgt Ion: 45 Resp: 309096

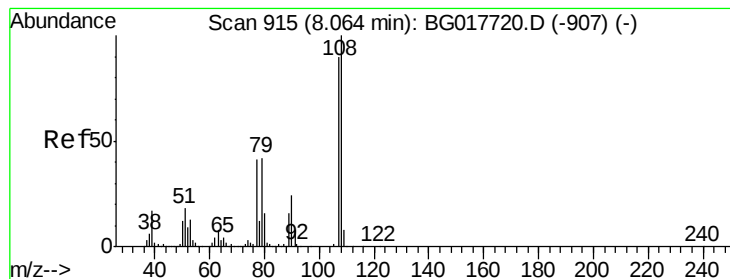
Ion Ratio Lower Upper

45 100

77 11.9 0.0 33.9

79 10.4 0.0 31.4





#17

2-Methylphenol

Concen: 34.52 ng

RT: 8.05 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB84129BS

Tgt Ion:107 Resp: 180315

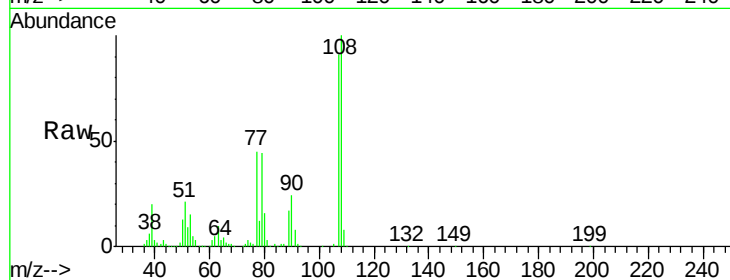
Ion Ratio Lower Upper

107 100

108 109.9 89.3 133.9

77 49.9 36.9 55.3

79 48.8 37.6 56.4

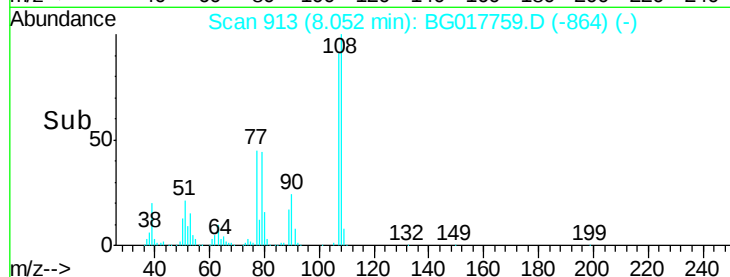


Abundance Ion 107.00 (106.70 to 107.70): E

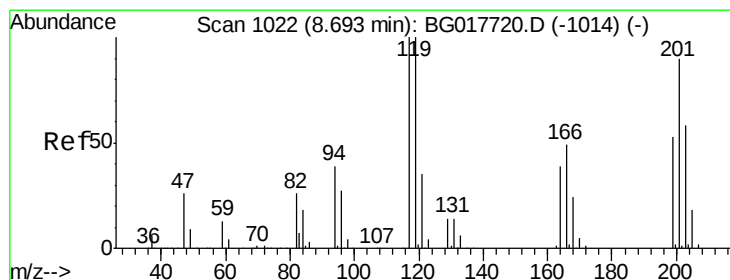
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time--> 7.95 8.00 8.05 8.10 8.15



#18

Hexachloroethane

Concen: 32.43 ng

RT: 8.68 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

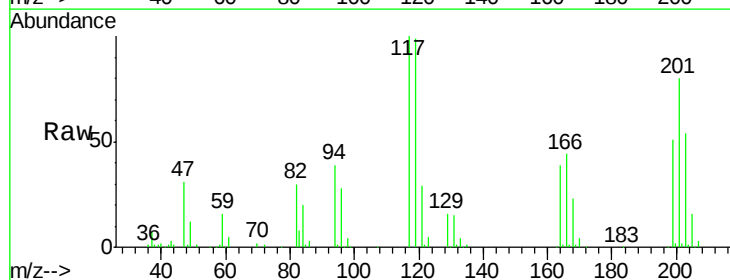
Tgt Ion:117 Resp: 81910

Ion Ratio Lower Upper

117 100

119 99.3 80.1 120.1

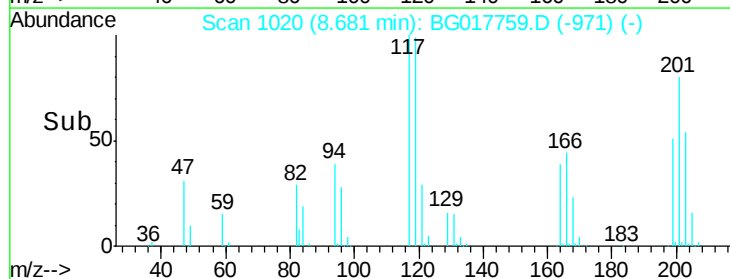
201 81.9 71.9 107.9



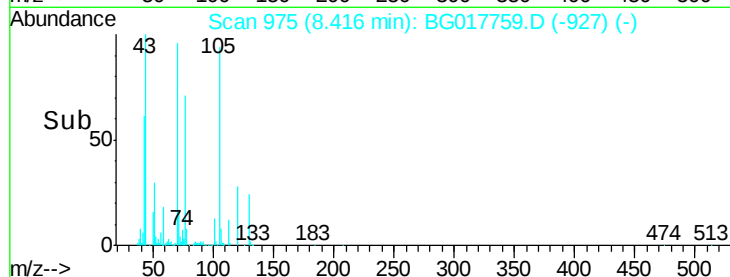
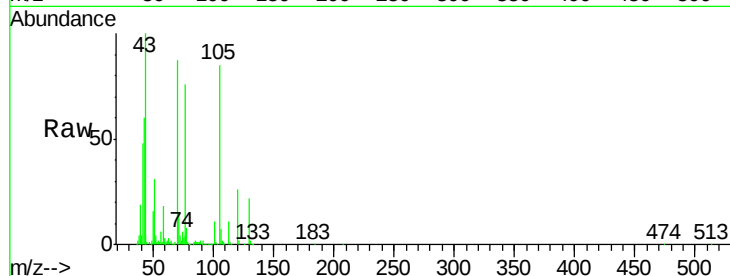
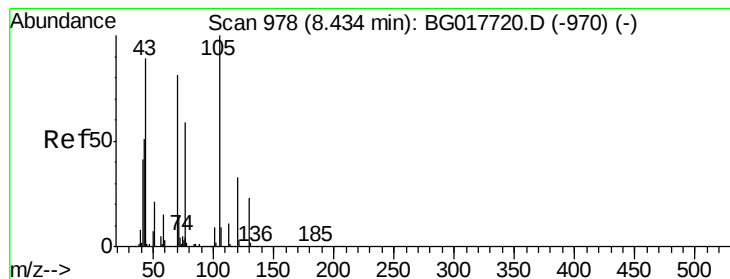
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time--> 8.60 8.65 8.70 8.75



#19

n-Nitroso-di-n-propylamine

Concen: 32.05 ng

RT: 8.42 min Scan# 975

Delta R.T. -0.02 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB84129BS

Tgt Ion: 70 Resp: 173624

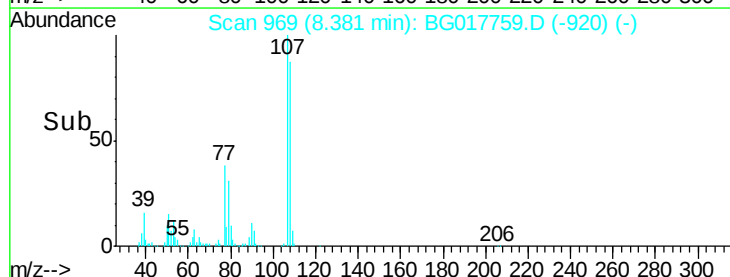
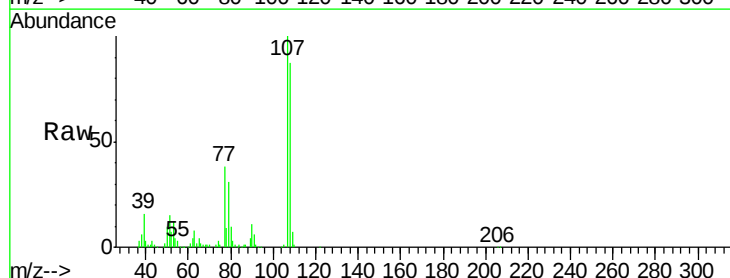
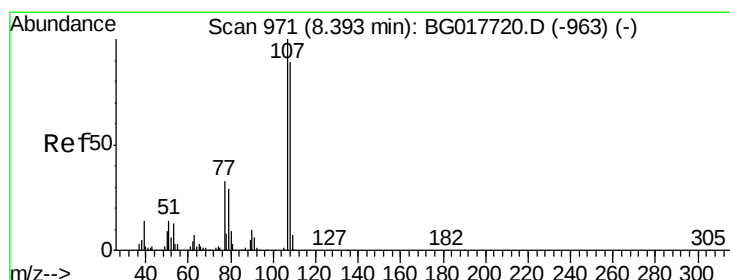
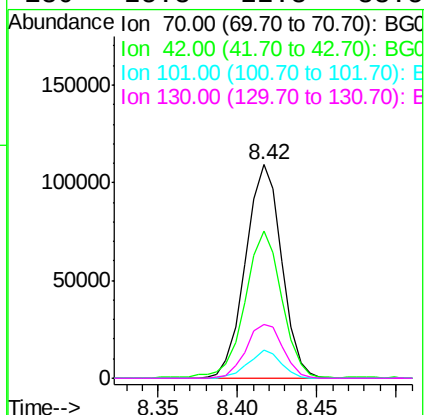
Ion Ratio Lower Upper

70 100

42 68.8 50.8 76.2

101 13.1 8.7 13.1#

130 25.3 22.3 33.5



#20

3+4-Methylphenols

Concen: 34.91 ng

RT: 8.38 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Tgt Ion: 107 Resp: 245984

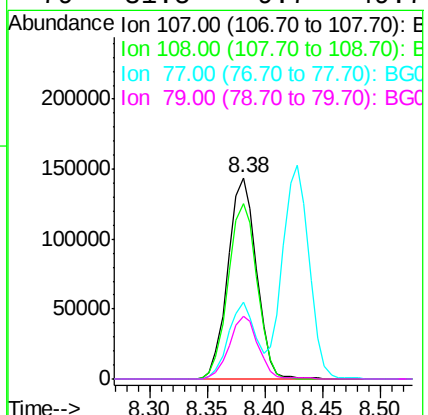
Ion Ratio Lower Upper

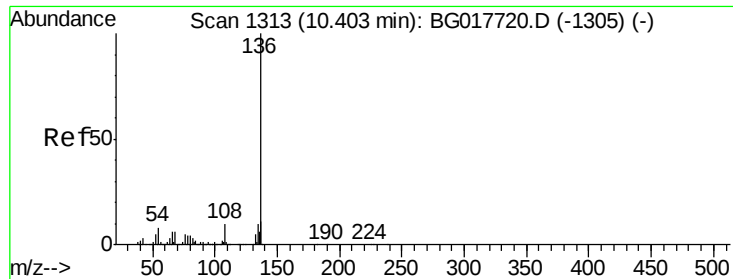
107 100

108 87.4 69.6 109.6

77 38.4 13.0 53.0

79 31.5 9.7 49.7

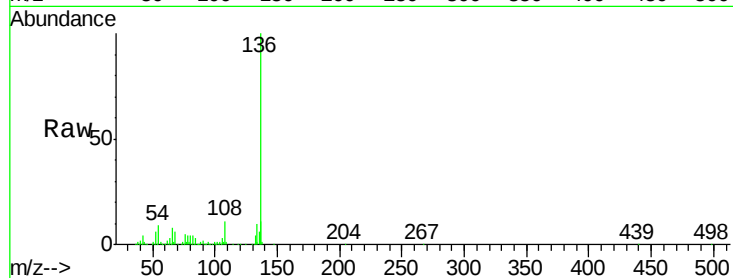




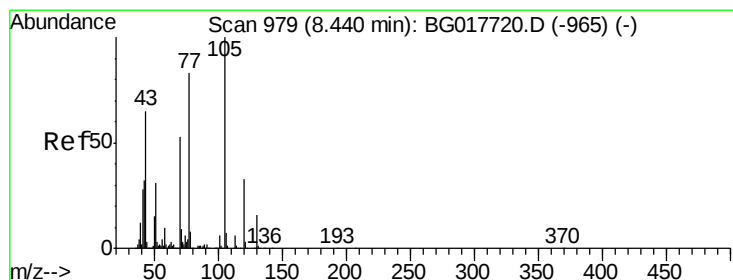
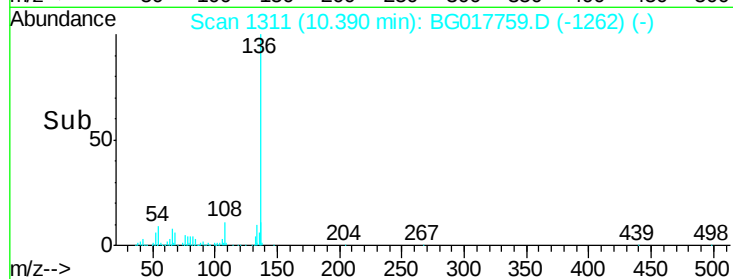
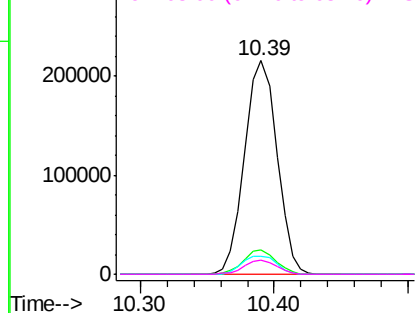
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

Instrument :
BNA_G
ClientSampleId :
PB84129BS

Tgt Ion:	136	Resp:	363814
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.6	6.6	9.8
68	6.4	5.1	7.7

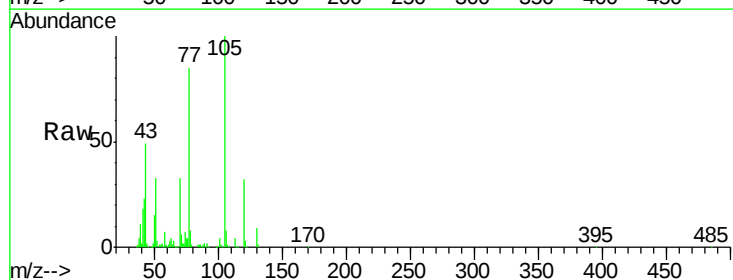


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

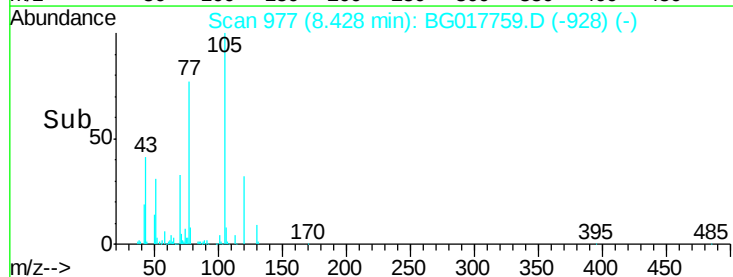
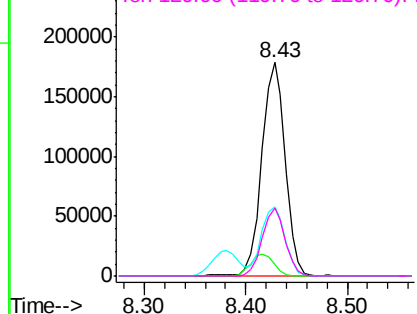


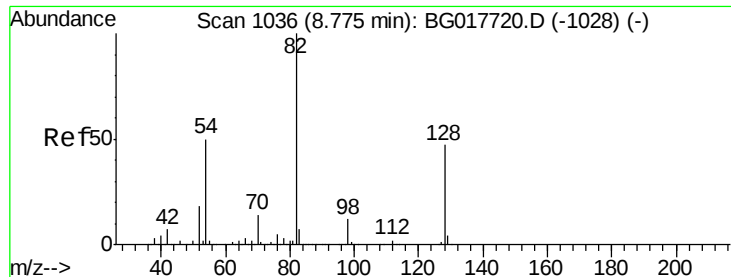
#22
Acetophenone
Concen: 34.58 ng
RT: 8.43 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

Tgt Ion:	105	Resp:	285292
Ion	Ratio	Lower	Upper
105	100		
71	5.5	7.7	11.5#
51	32.6	24.9	37.3
120	31.8	26.2	39.4



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

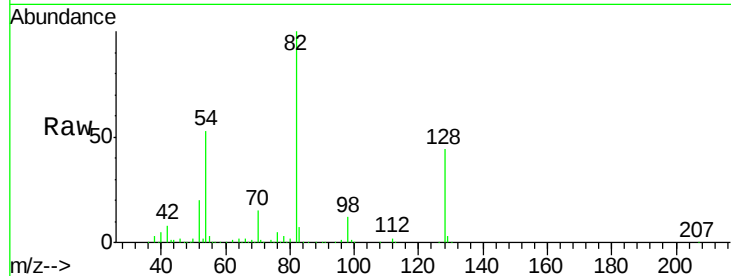




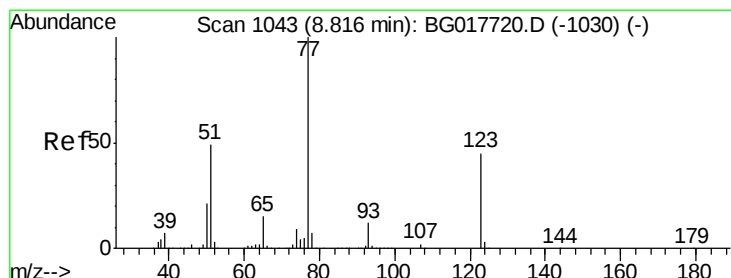
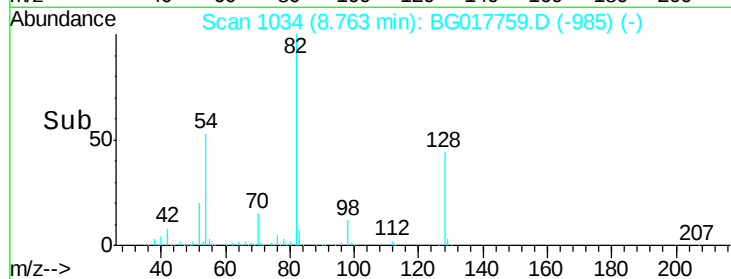
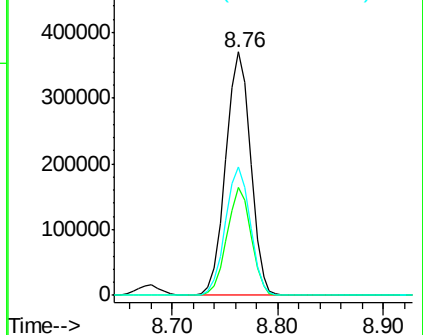
#23
 Nitrobenzene-d5
 Concen: 95.00 ng
 RT: 8.76 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG017759.D
 Acq: 23 Jun 2015 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB84129BS

Tgt Ion: 82 Resp: 600869
 Ion Ratio Lower Upper
 82 100
 128 44.2 37.8 56.6
 54 52.7 39.9 59.9

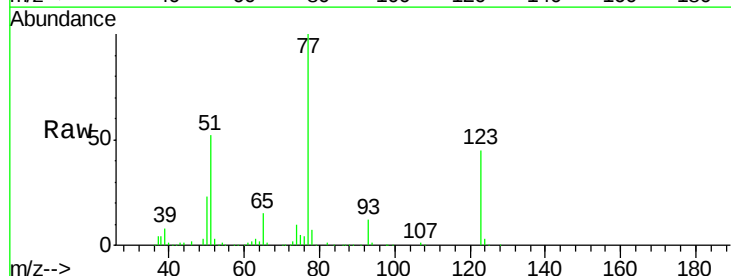


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

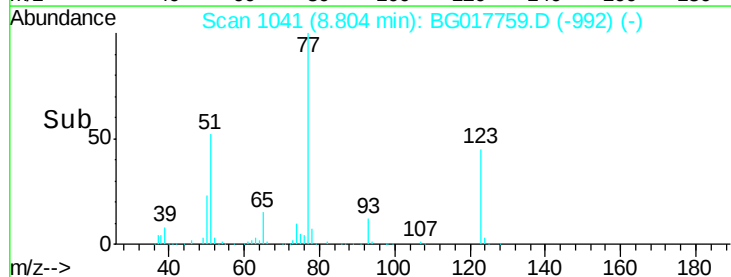
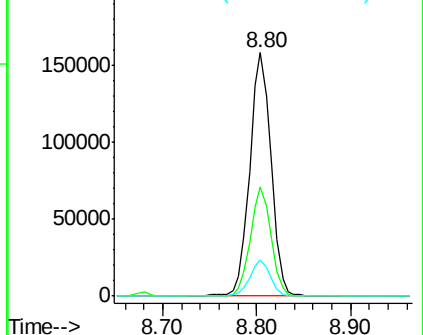


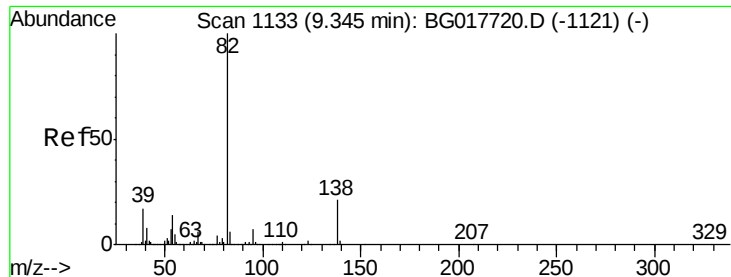
#24
 Nitrobenzene
 Concen: 36.65 ng
 RT: 8.80 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG017759.D
 Acq: 23 Jun 2015 17:22

Tgt Ion: 77 Resp: 249106
 Ion Ratio Lower Upper
 77 100
 123 44.7 36.2 54.2
 65 14.6 11.7 17.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 33.18 ng

RT: 9.33 min Scan# 1130

Delta R.T. -0.02 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB84129BS

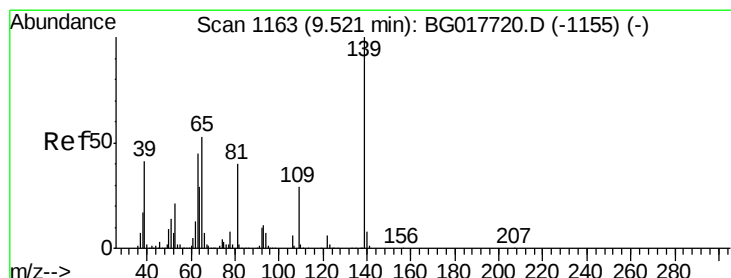
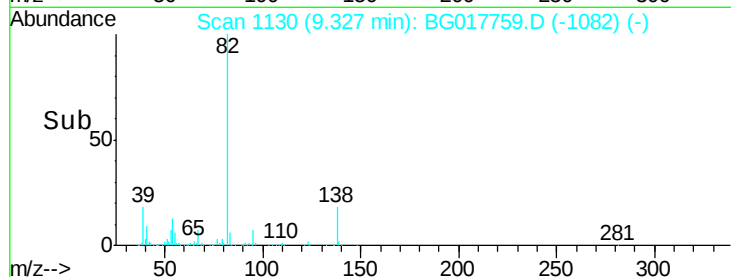
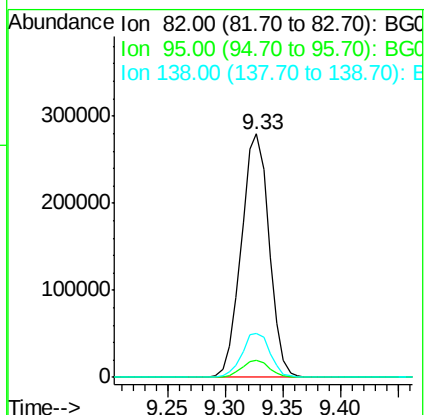
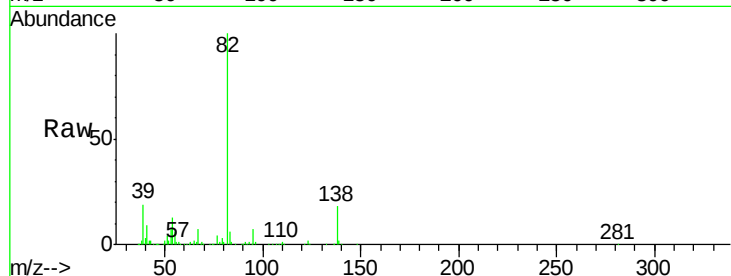
Tgt Ion: 82 Resp: 467393

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.8

138 18.3 17.0 25.6



#26

2-Nitrophenol

Concen: 34.80 ng

RT: 9.51 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

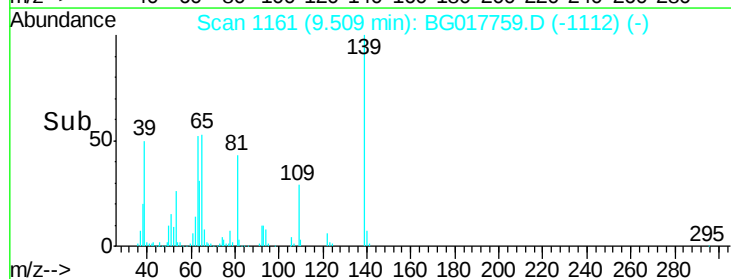
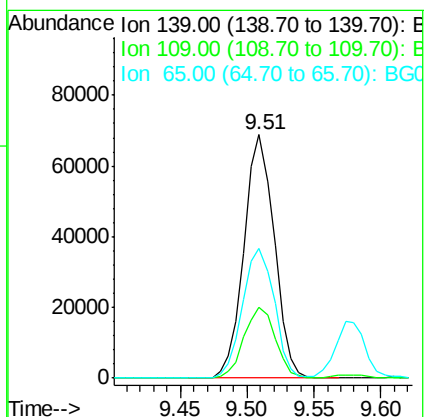
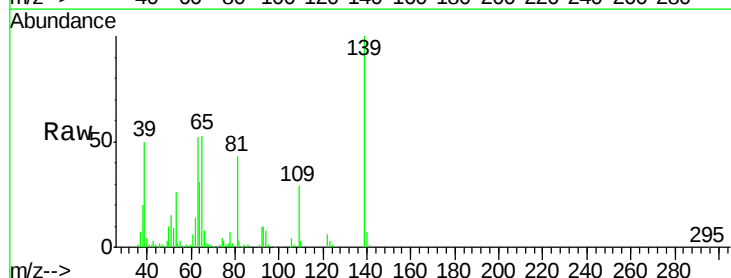
Tgt Ion: 139 Resp: 107939

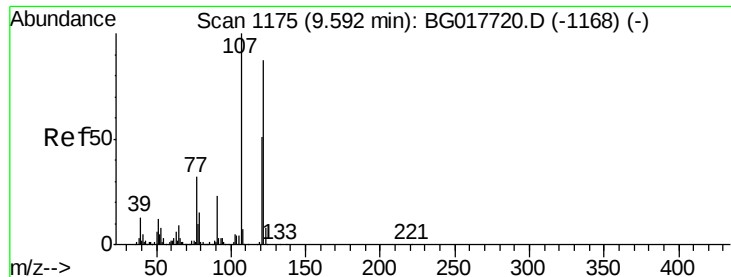
Ion Ratio Lower Upper

139 100

109 29.3 23.0 34.4

65 53.4 42.0 63.0

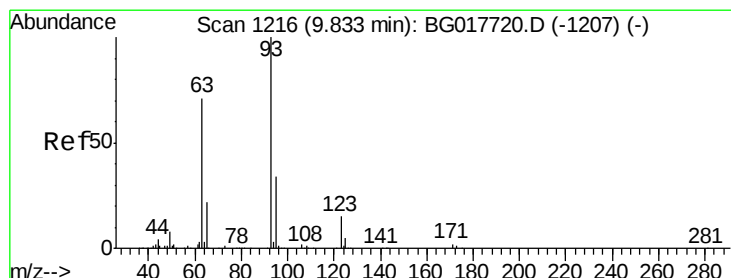
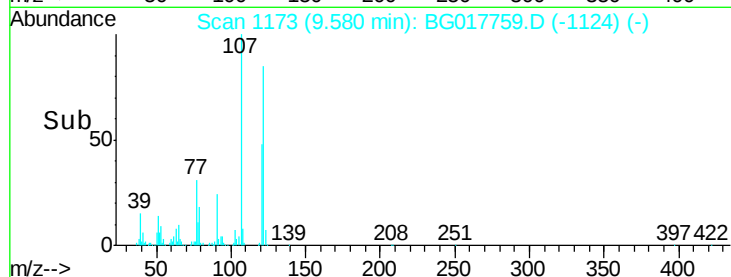
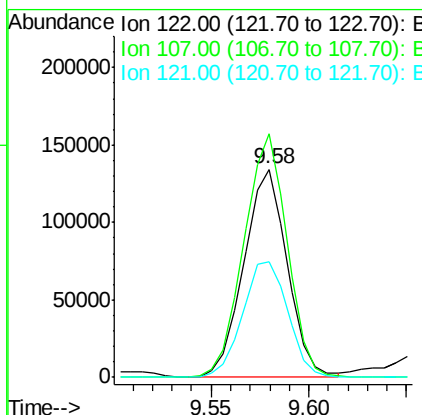
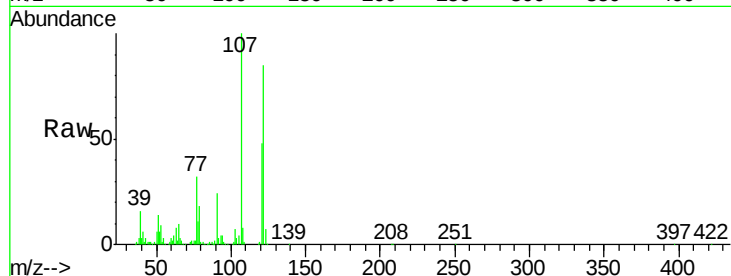




#27
 2,4-Dimethylphenol
 Concen: 35.06 ng
 RT: 9.58 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BG017759.D
 Acq: 23 Jun 2015 17:22

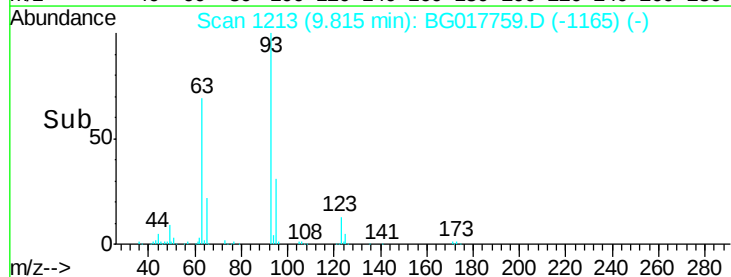
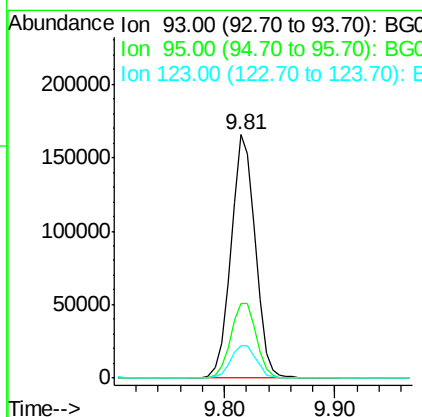
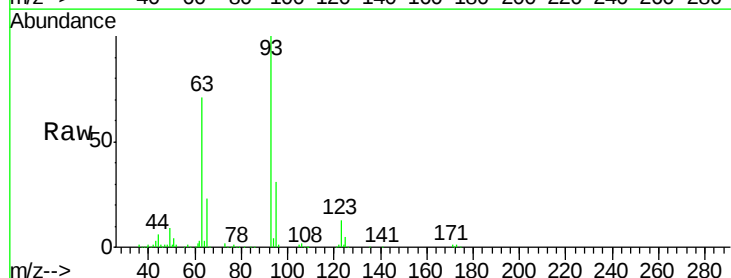
Instrument :
 BNA_G
 ClientSampleId :
 PB84129BS

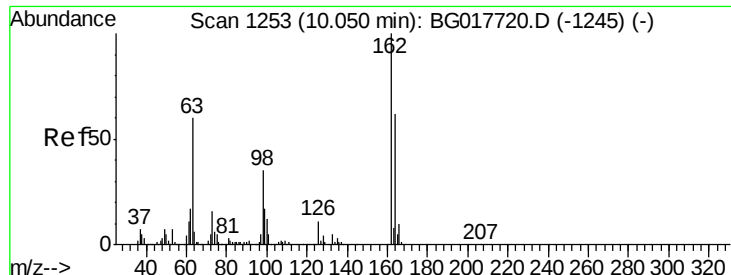
Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.0	92.2	138.2
121	55.7	46.5	69.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.92 ng
 RT: 9.81 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BG017759.D
 Acq: 23 Jun 2015 17:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.8	26.9	40.3
123	13.5	12.0	18.0

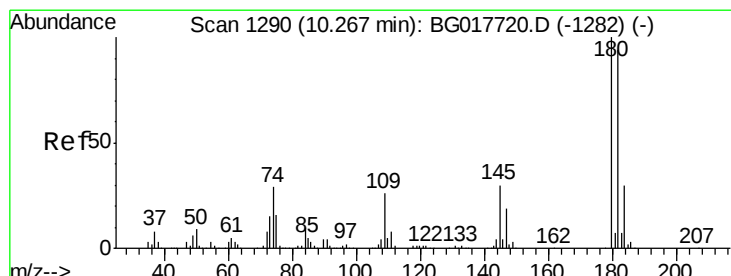
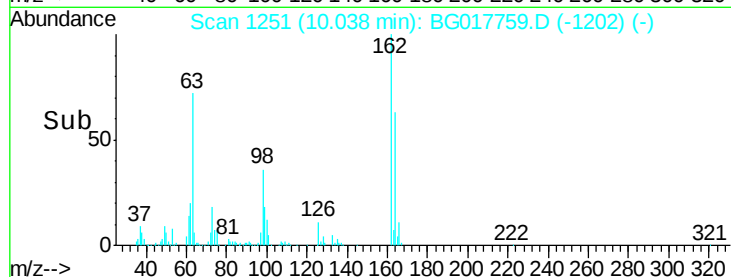
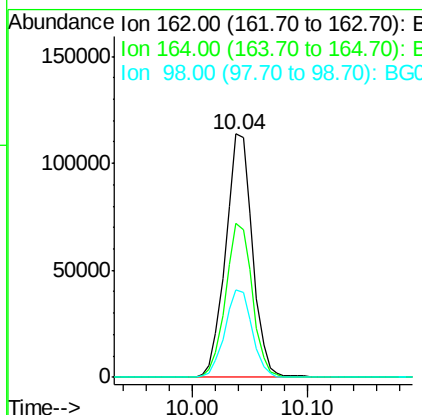
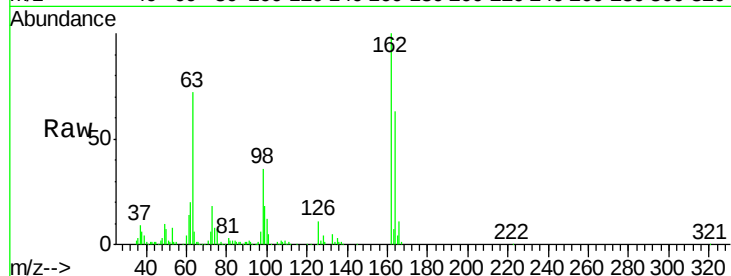




#29
2,4-Dichlorophenol
Concen: 35.28 ng
RT: 10.04 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

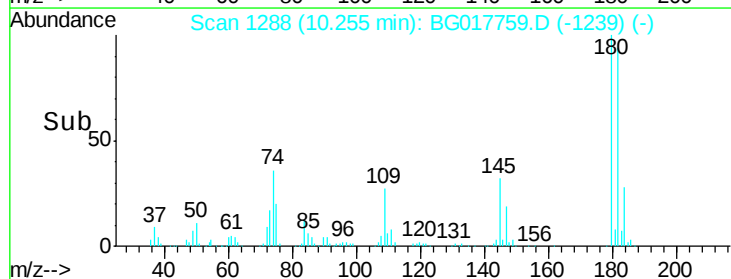
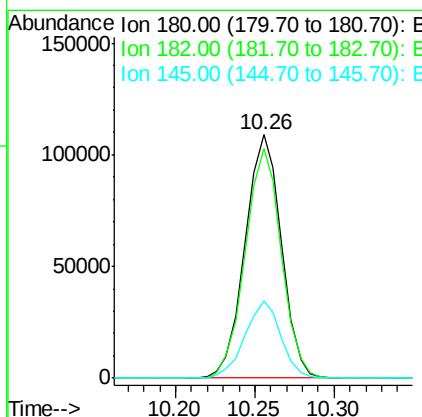
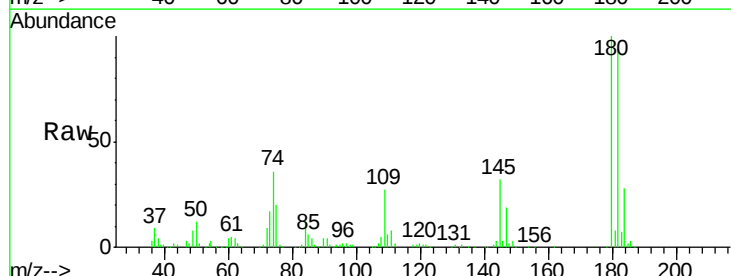
Instrument :
BNA_G
ClientSampleId :
PB84129BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	182605		
164	63.1	42.5	82.5	
98	35.8	15.1	55.1	



#30
1,2,4-Trichlorobenzene
Concen: 29.78 ng
RT: 10.26 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	173140		
182	94.1	75.2	112.8	
145	31.9	24.1	36.1	

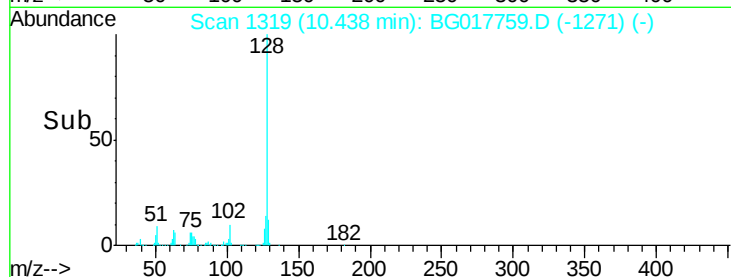
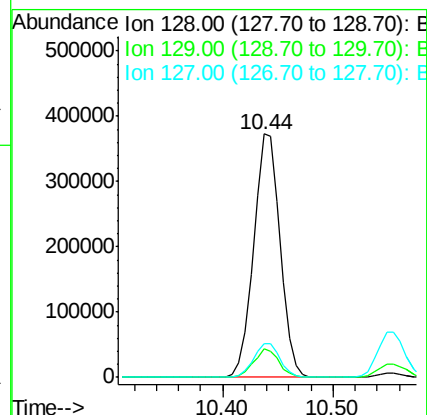
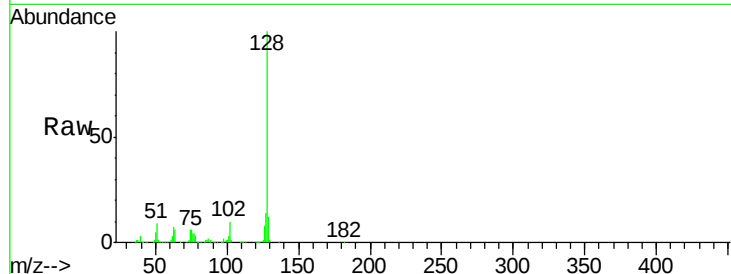




#31
Naphthalene
Concen: 31.83 ng
RT: 10.44 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

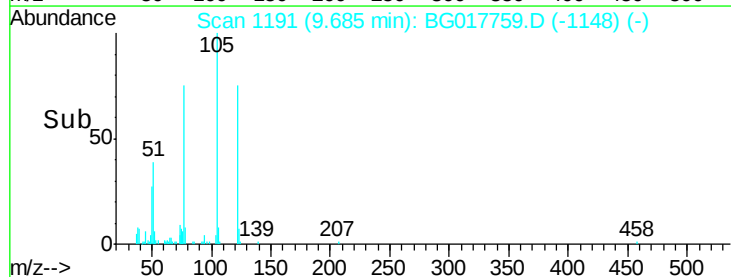
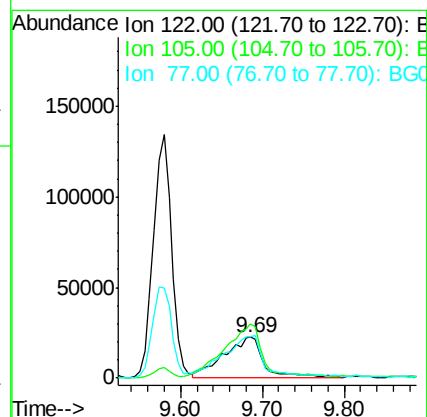
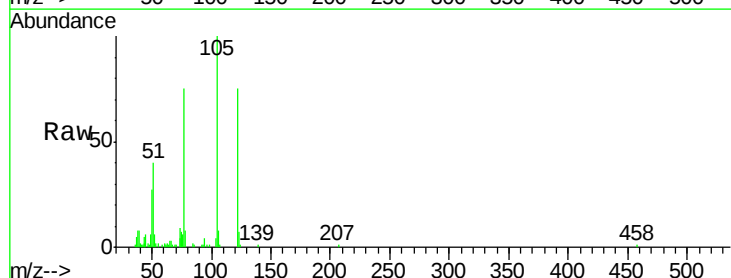
Instrument :
BNA_G
ClientSampleId :
PB84129BS

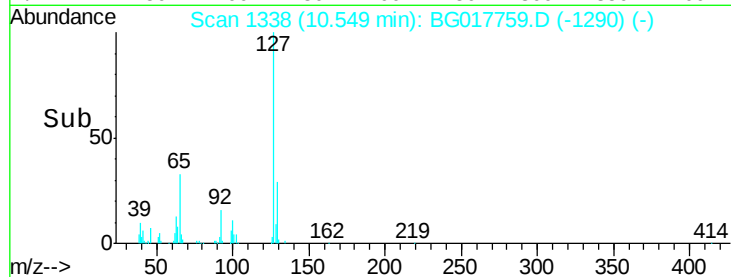
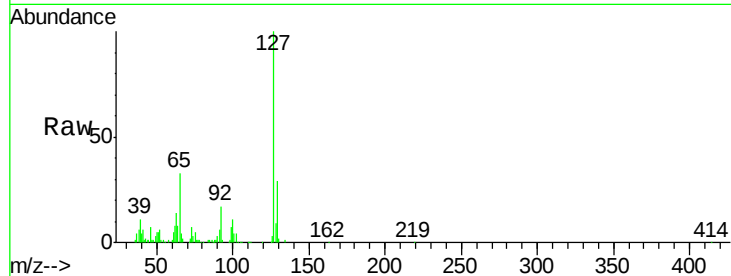
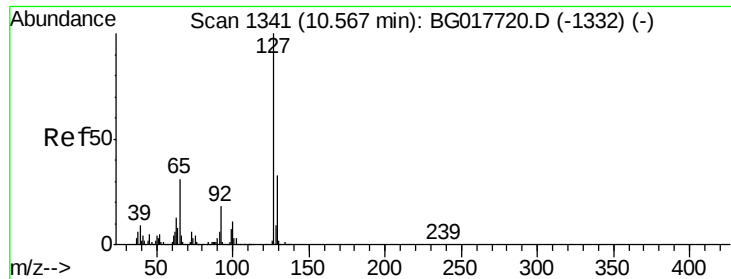
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.7	10.7	16.1



#32
Benzoic acid
Concen: 26.95 ng
RT: 9.69 min Scan# 1191
Delta R.T. -0.05 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.1	111.3	151.3
77	99.9	75.2	115.2

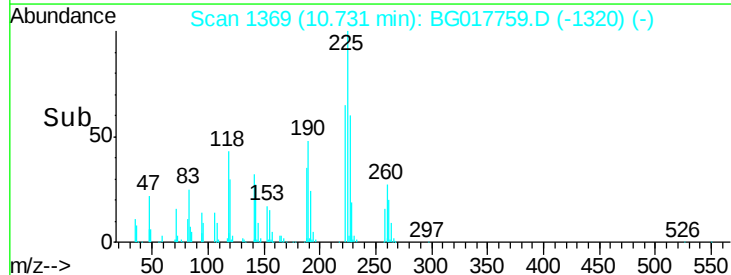
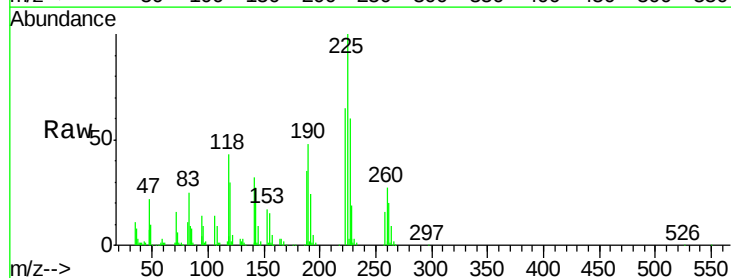
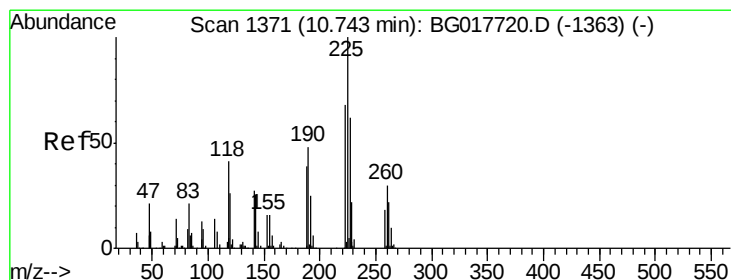
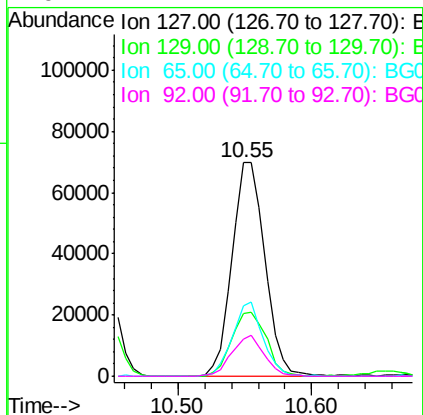




#33
4-Chloroaniline
Concen: 13.94 ng
RT: 10.55 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

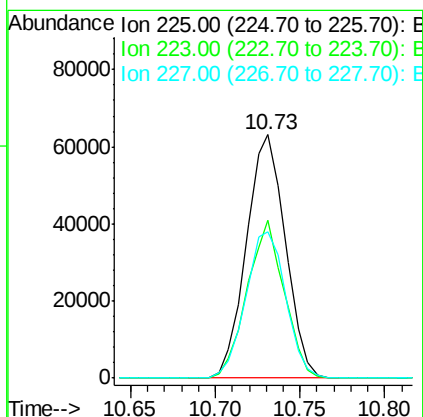
Instrument :
BNA_G
ClientSampleId :
PB84129BS

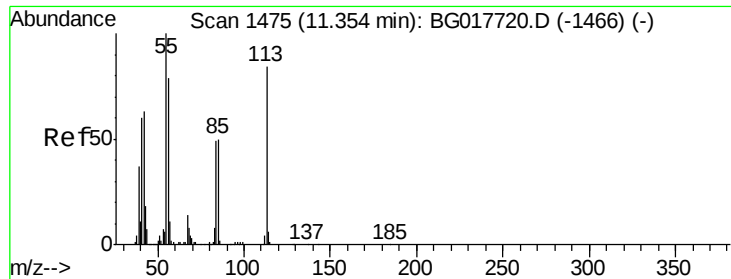
Tgt Ion:127 Resp: 119967
Ion Ratio Lower Upper
127 100
129 29.4 26.7 40.1
65 32.7 24.6 37.0
92 17.2 14.2 21.4



#34
Hexachlorobutadiene
Concen: 30.37 ng
RT: 10.73 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

Tgt Ion:225 Resp: 101067
Ion Ratio Lower Upper
225 100
223 65.1 54.3 81.5
227 60.2 49.4 74.0

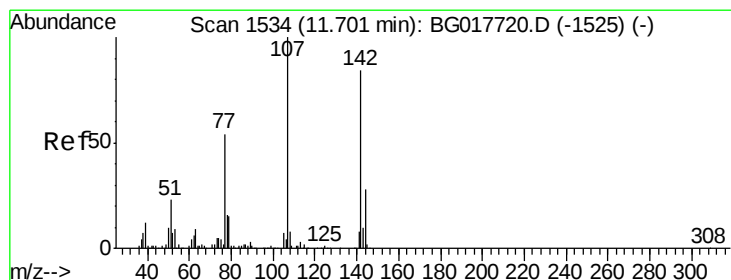
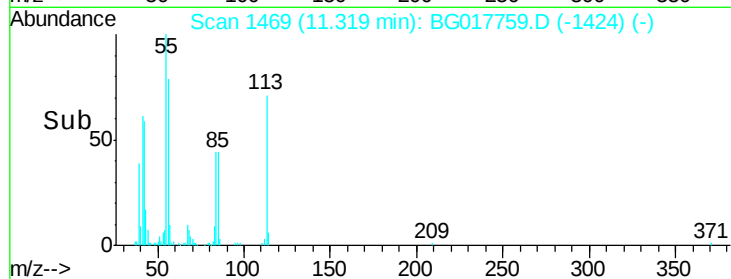
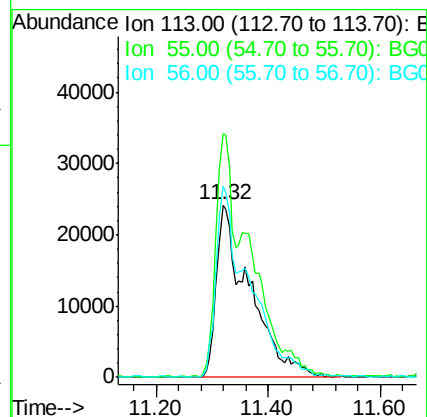
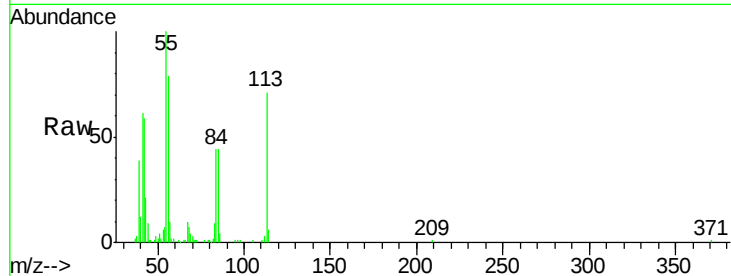




#35
 Caprolactam
 Concen: 34.61 ng m
 RT: 11.32 min Scan# 1469
 Delta R.T. -0.04 min
 Lab File: BG017759.D
 Acq: 23 Jun 2015 17:22

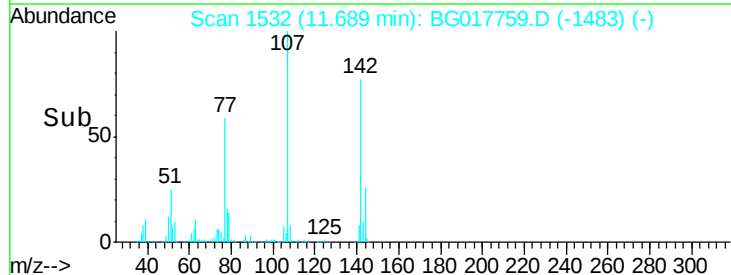
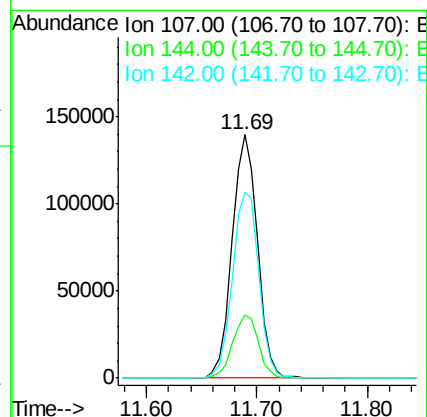
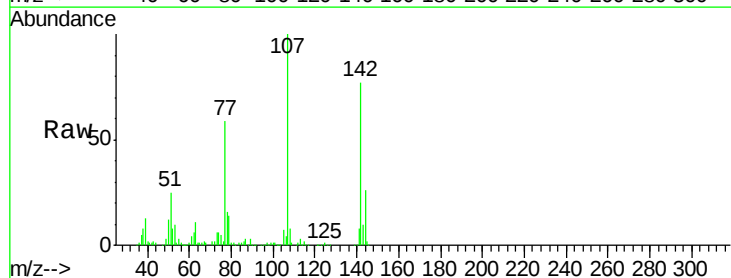
Instrument :
 BNA_G
 ClientSampleId :
 PB84129BS

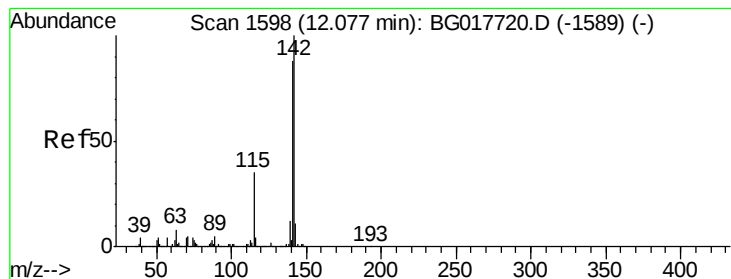
Tgt Ion:113 Resp: 99495
 Ion Ratio Lower Upper
 113 100
 55 141.5 100.8 140.8#
 56 111.1 75.5 115.5



#36
 4-Chloro-3-methylphenol
 Concen: 35.13 ng
 RT: 11.69 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BG017759.D
 Acq: 23 Jun 2015 17:22

Tgt Ion:107 Resp: 225001
 Ion Ratio Lower Upper
 107 100
 144 25.7 22.2 33.4
 142 76.6 67.1 100.7





#37

2-Methylnaphthalene

Concen: 32.68 ng

RT: 12.07 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB84129BS

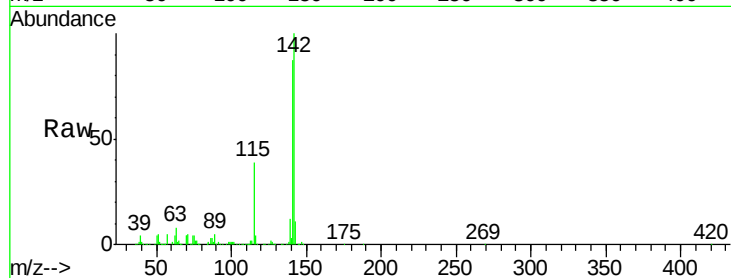
Tgt Ion:142 Resp: 462325

Ion Ratio Lower Upper

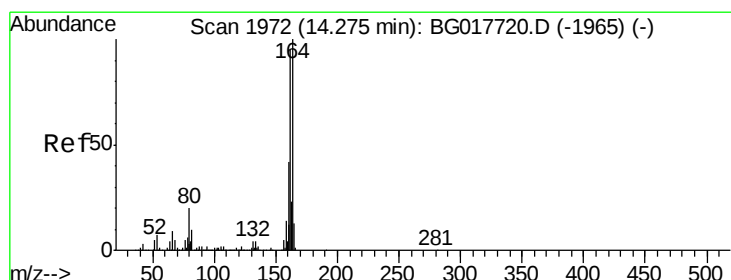
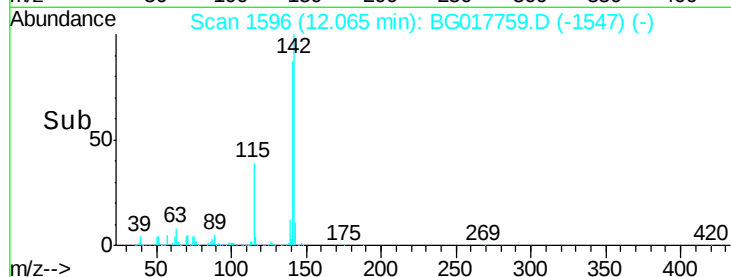
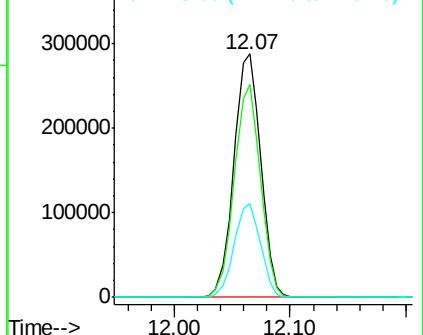
142 100

141 87.4 70.7 106.1

115 38.8 27.8 41.8



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.27 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

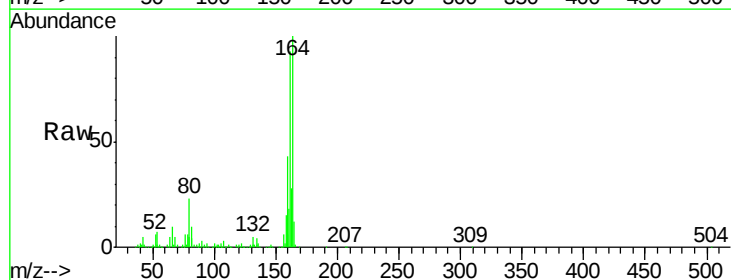
Tgt Ion:164 Resp: 227810

Ion Ratio Lower Upper

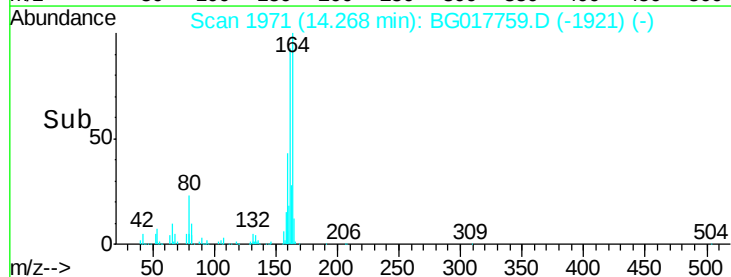
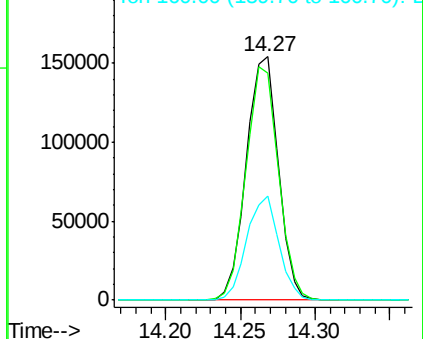
164 100

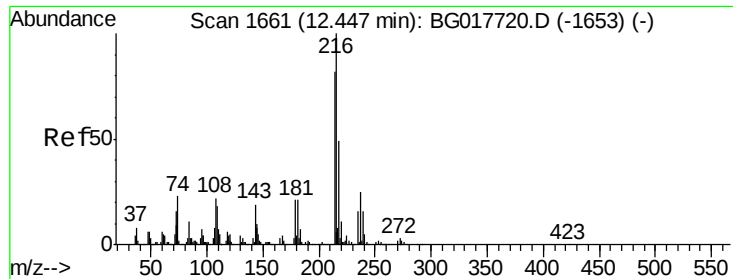
162 93.1 76.3 114.5

160 42.7 33.7 50.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.74 ng

RT: 12.44 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB84129BS

Tgt Ion:216 Resp: 187826

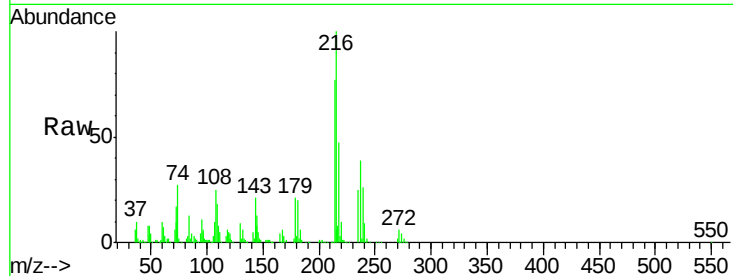
Ion Ratio Lower Upper

216 100

214 80.5 64.5 96.7

179 21.2 16.7 25.1

108 29.2 18.6 27.8#

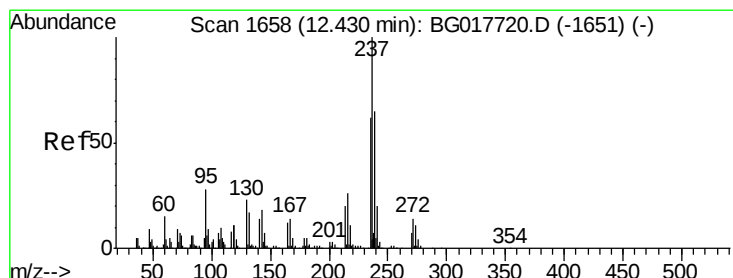
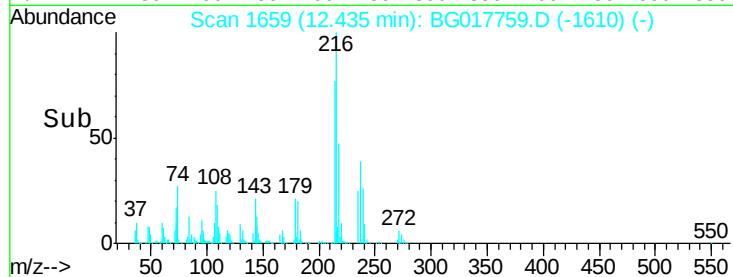
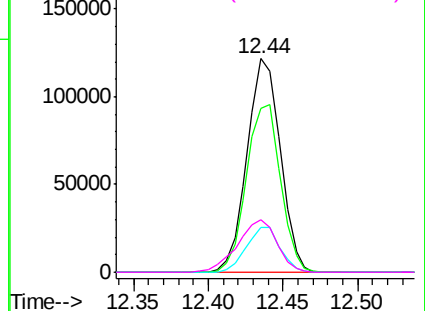


Abundance Ion 216.00 (215.70 to 216.70): E

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: 62.72 ng

RT: 12.42 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

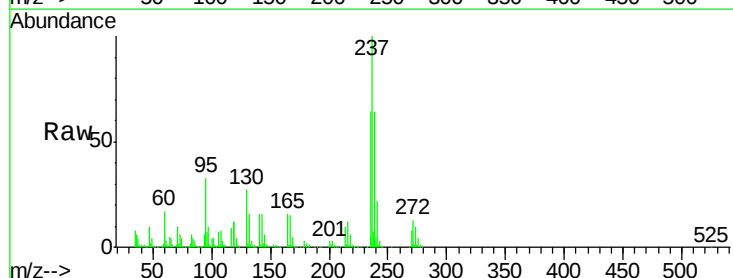
Tgt Ion:237 Resp: 257385

Ion Ratio Lower Upper

237 100

235 63.8 42.2 82.2

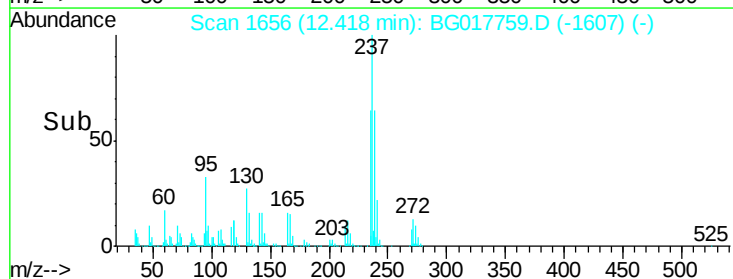
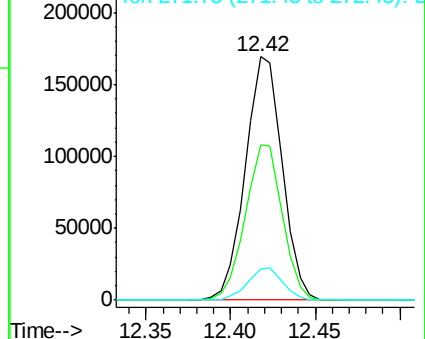
272 13.0 0.0 33.9

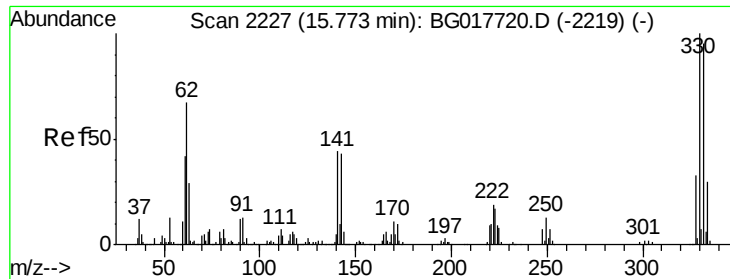


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

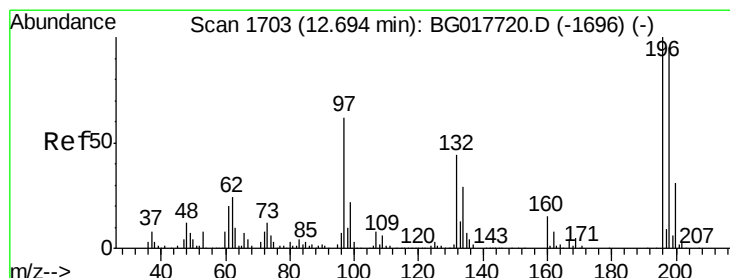
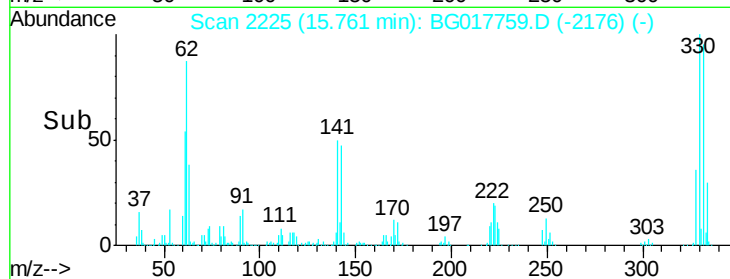
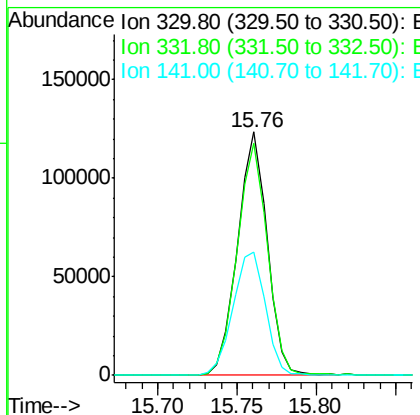
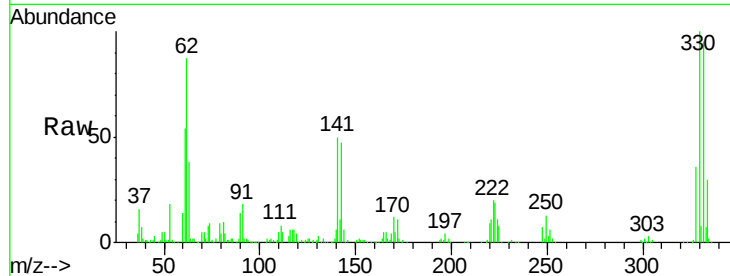




#41
 2,4,6-Tribromophenol
 Concen: 75.96 ng
 RT: 15.76 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG017759.D
 Acq: 23 Jun 2015 17:22

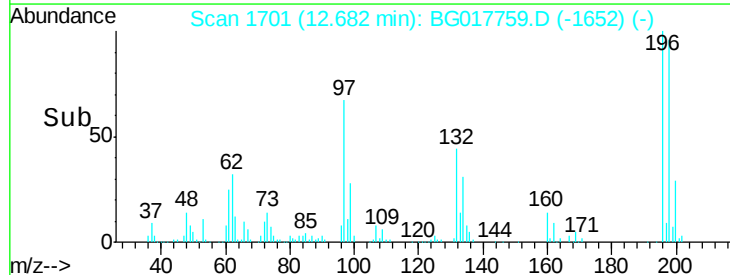
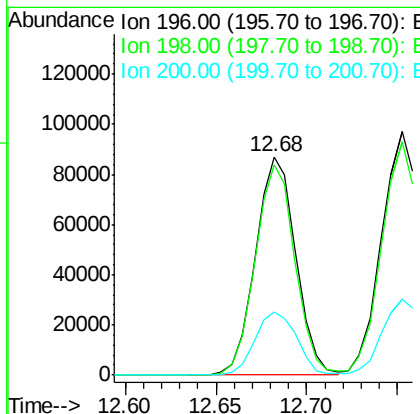
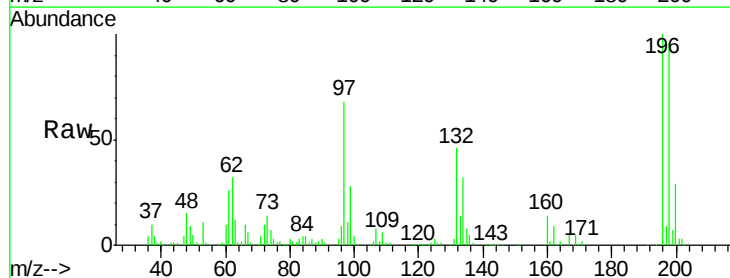
Instrument :
 BNA_G
 ClientSampleId :
 PB84129BS

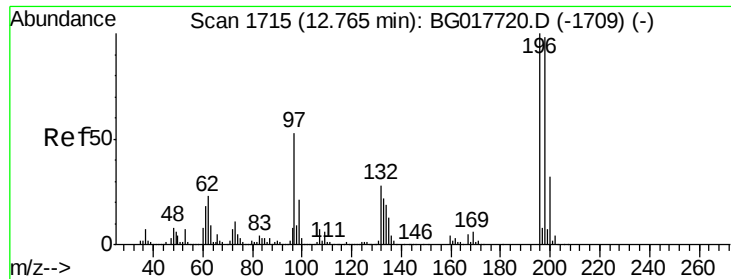
Tgt Ion:330 Resp: 160465
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.8 115.2
 141 55.6 38.0 57.0



#42
 2,4,6-Trichlorophenol
 Concen: 32.67 ng
 RT: 12.68 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG017759.D
 Acq: 23 Jun 2015 17:22

Tgt Ion:196 Resp: 135156
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.2 114.4
 200 29.2 24.6 36.8

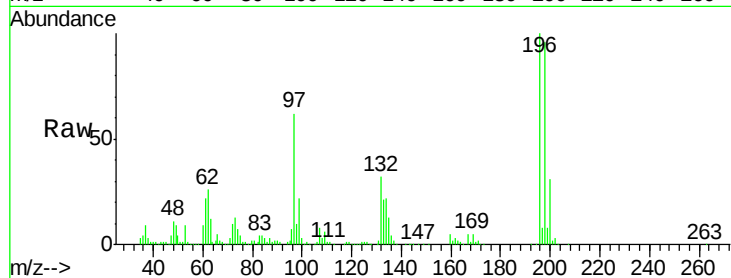




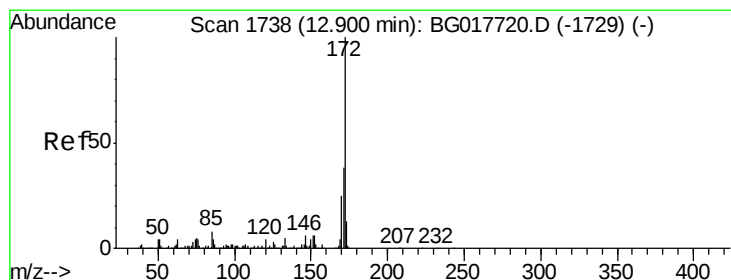
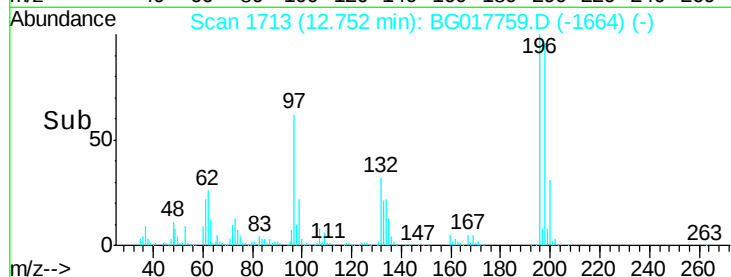
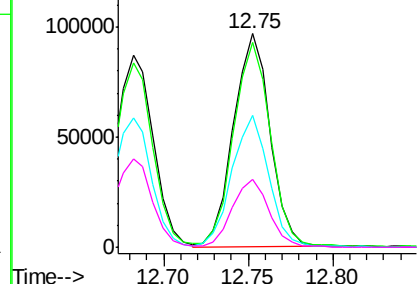
#43
 2,4,5-Trichlorophenol
 Concen: 32.42 ng
 RT: 12.75 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG017759.D
 Acq: 23 Jun 2015 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB84129BS

Tgt Ion:196 Resp: 146219
 Ion Ratio Lower Upper
 196 100
 198 95.8 78.1 117.1
 97 61.5 42.6 64.0
 132 31.7 22.6 33.8

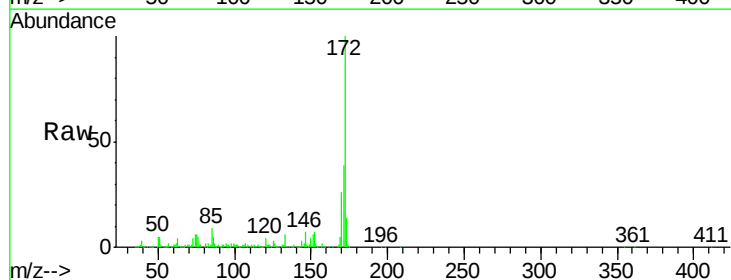


Abundance Ion 196.00 (195.70 to 196.70): E
 150000 Ion 198.00 (197.70 to 198.70): E
 100000 Ion 97.00 (96.70 to 97.70): BG
 50000 Ion 132.00 (131.70 to 132.70): E
 0

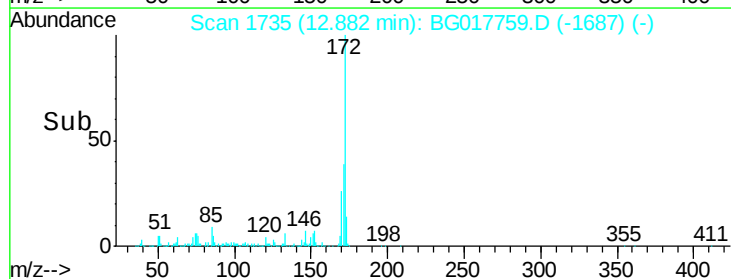
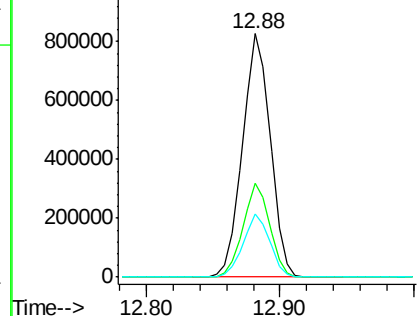


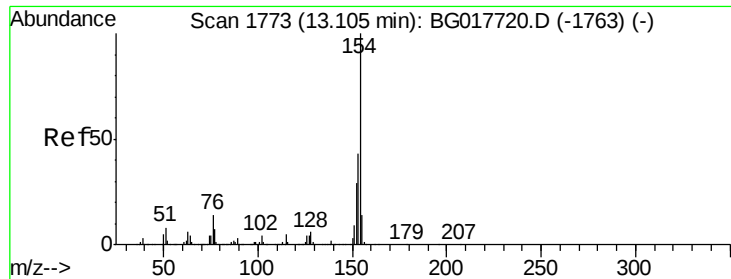
#44
 2-Fluorobiphenyl
 Concen: 84.85 ng
 RT: 12.88 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG017759.D
 Acq: 23 Jun 2015 17:22

Tgt Ion:172 Resp: 1190165
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.7 46.1
 170 25.9 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 1000000 Ion 171.00 (170.70 to 171.70): E
 800000 Ion 170.00 (169.70 to 170.70): E
 600000
 400000
 200000
 0

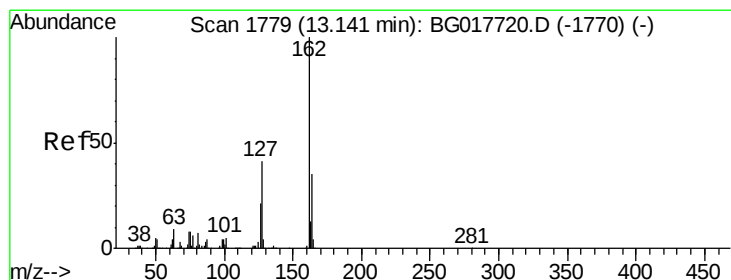
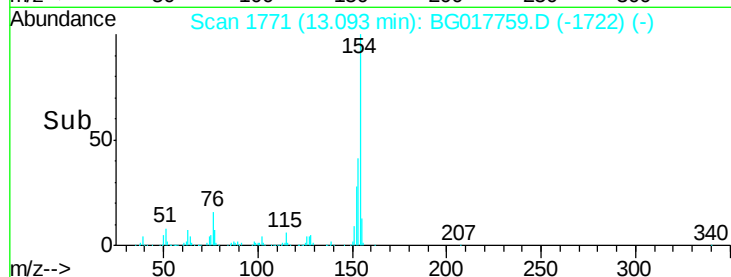
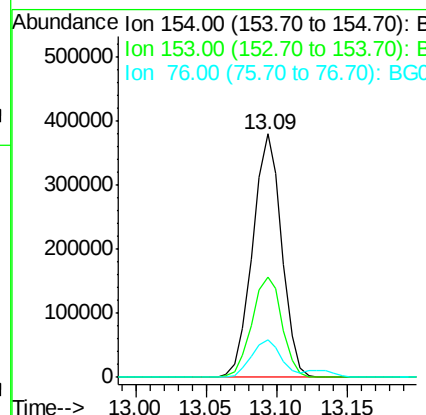
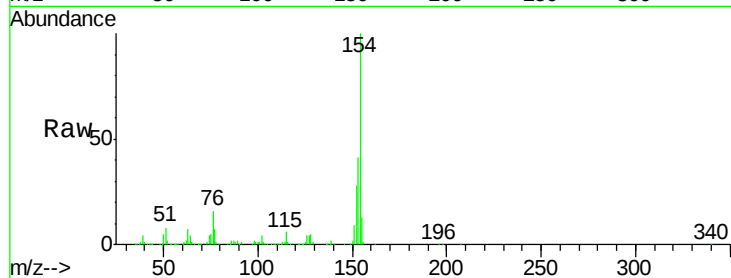




#45
 1,1'-Biphenyl
 Concen: 32.61 ng
 RT: 13.09 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BG017759.D
 Acq: 23 Jun 2015 17:22

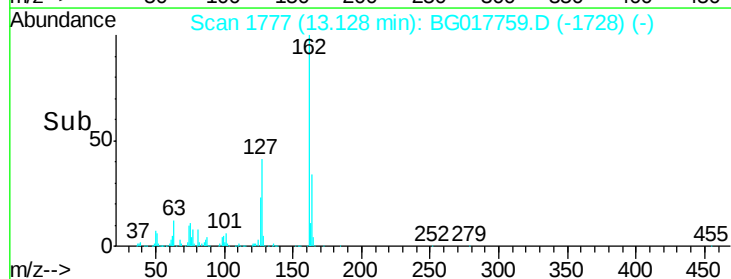
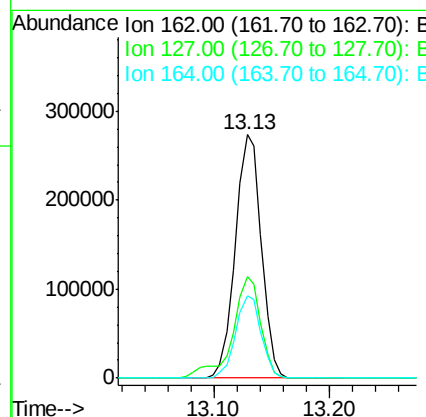
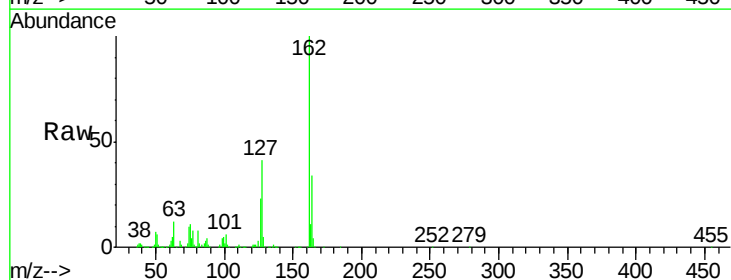
Instrument :
 BNA_G
 ClientSampleId :
 PB84129BS

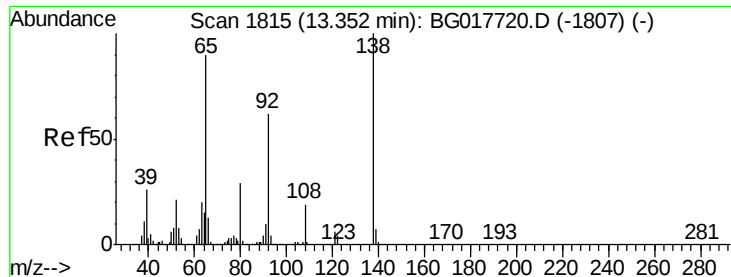
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	23.5	63.5
76	15.5	0.0	33.7



#46
 2-Chloronaphthalene
 Concen: 31.38 ng
 RT: 13.13 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG017759.D
 Acq: 23 Jun 2015 17:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.2	49.8
164	33.8	27.7	41.5

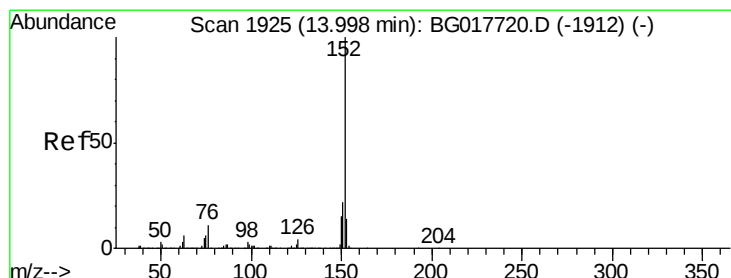
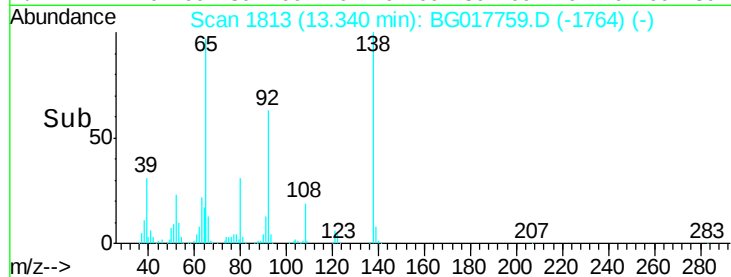
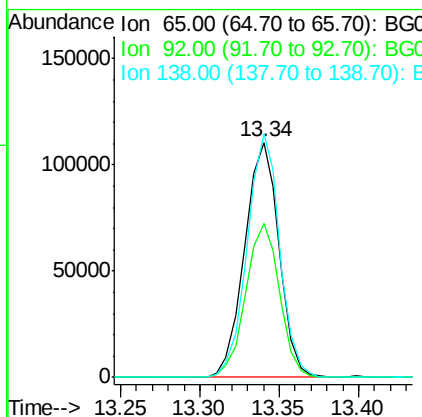
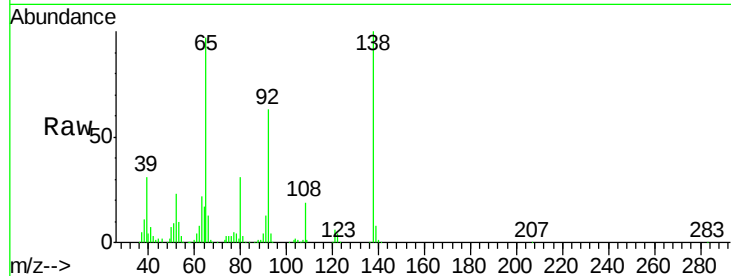




#47
2-Nitroaniline
Concen: 41.17 ng
RT: 13.34 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

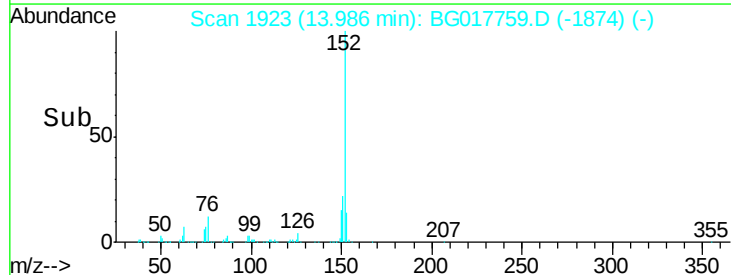
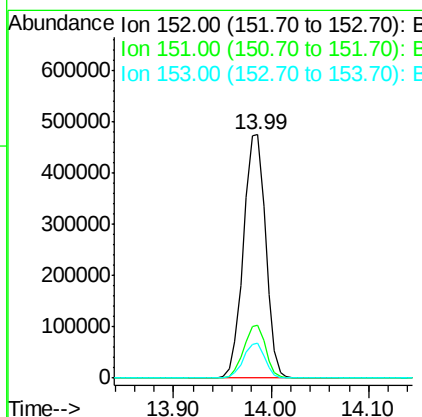
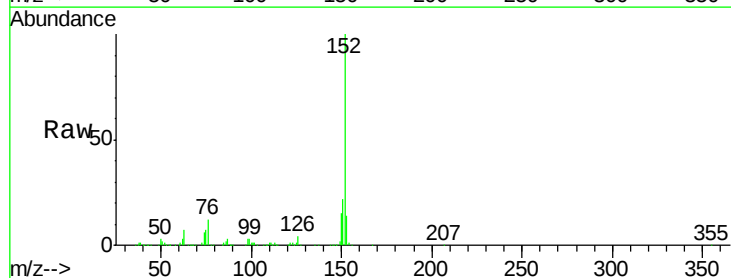
Instrument :
BNA_G
ClientSampleId :
PB84129BS

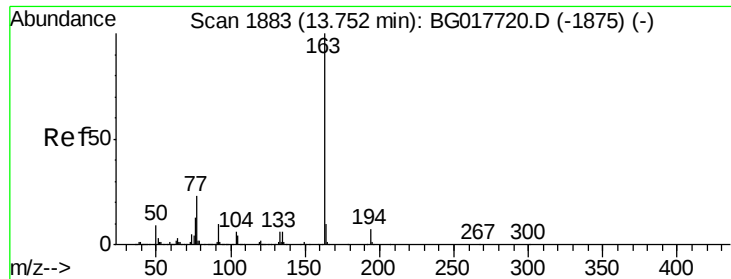
Tgt Ion: 65 Resp: 166737
Ion Ratio Lower Upper
65 100
92 65.3 55.4 83.2
138 103.5 89.1 133.7



#48
Acenaphthylene
Concen: 31.33 ng
RT: 13.99 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

Tgt Ion: 152 Resp: 758612
Ion Ratio Lower Upper
152 100
151 21.6 17.4 26.2
153 14.3 11.0 16.6





#49

Dimethylphthalate

Concen: 31.98 ng

RT: 13.73 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Instrument :

BNA_G

ClientSampled :

PB84129BS

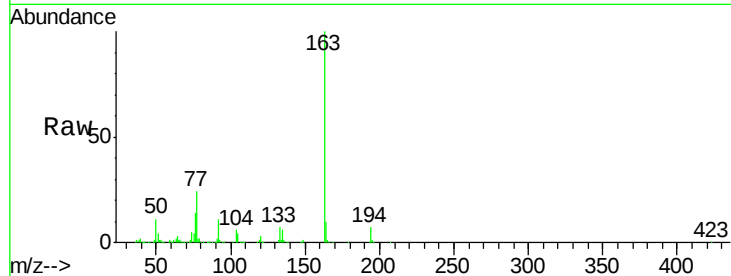
Tgt Ion:163 Resp: 557153

Ion Ratio Lower Upper

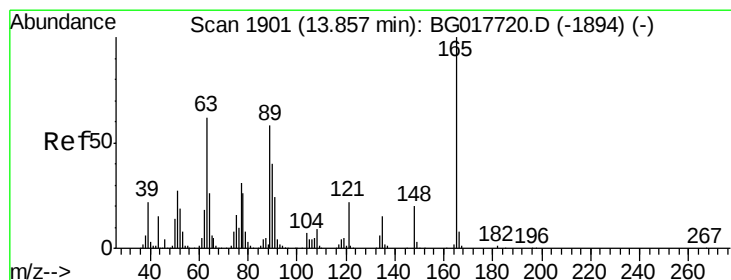
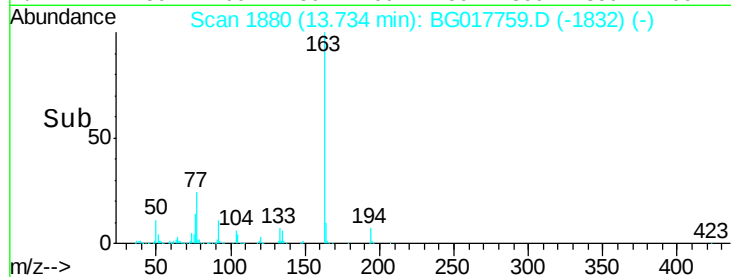
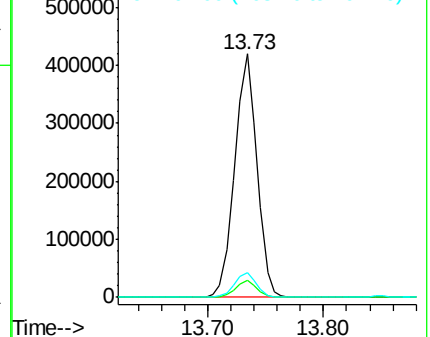
163 100

194 7.0 5.8 8.6

164 10.2 8.3 12.5



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: 35.88 ng

RT: 13.85 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

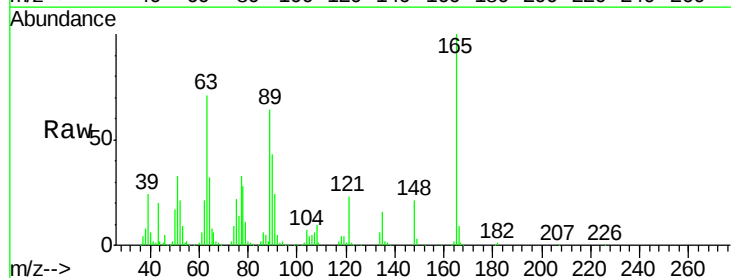
Tgt Ion:165 Resp: 128909

Ion Ratio Lower Upper

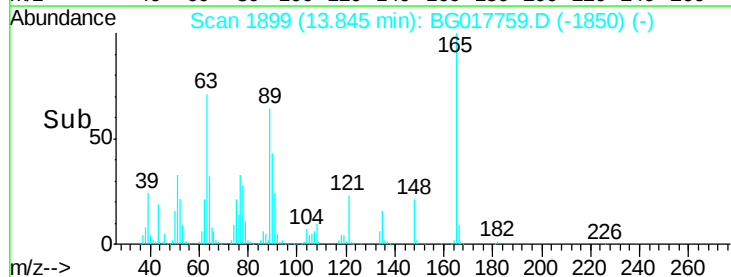
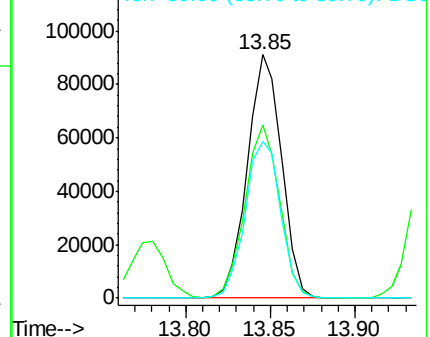
165 100

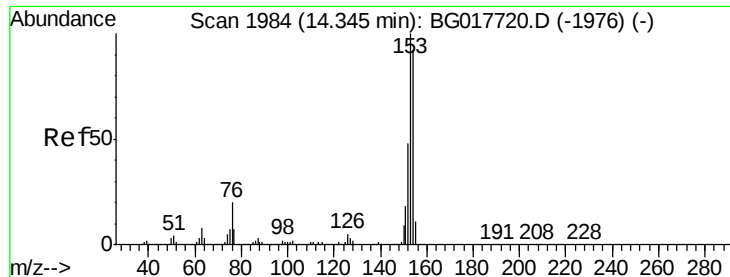
63 71.0 50.2 75.2

89 64.1 46.6 69.8



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: 30.83 ng

RT: 14.33 min Scan# 1981

Delta R.T. -0.02 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB84129BS

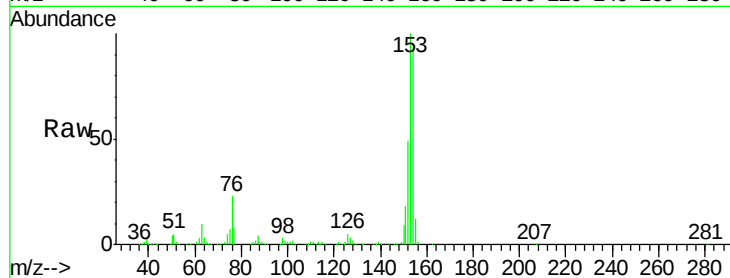
Tgt Ion:154 Resp: 450427

Ion Ratio Lower Upper

154 100

153 108.0 87.0 130.4

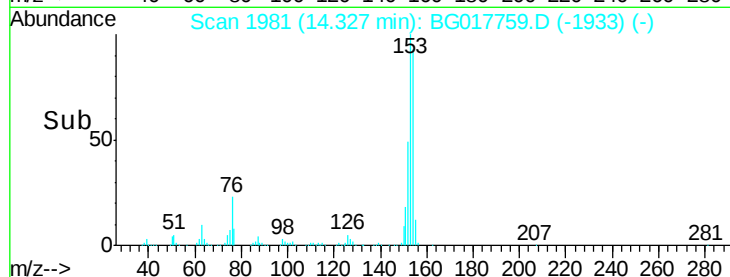
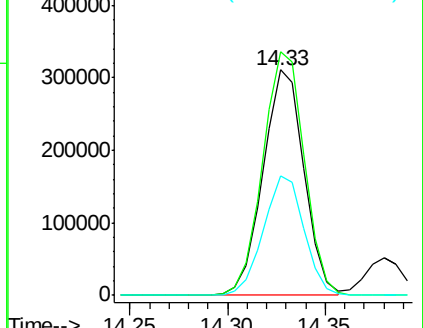
152 53.2 41.4 62.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.73 ng

RT: 14.17 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

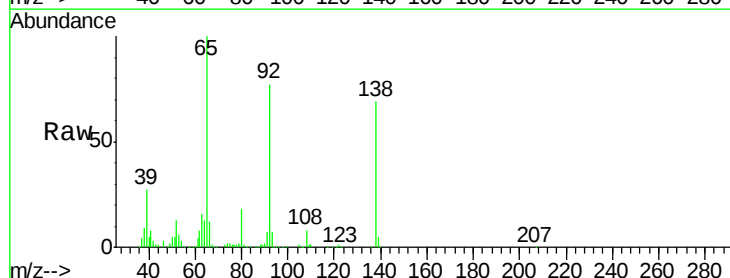
Tgt Ion:138 Resp: 95418

Ion Ratio Lower Upper

138 100

108 11.2 8.2 12.4

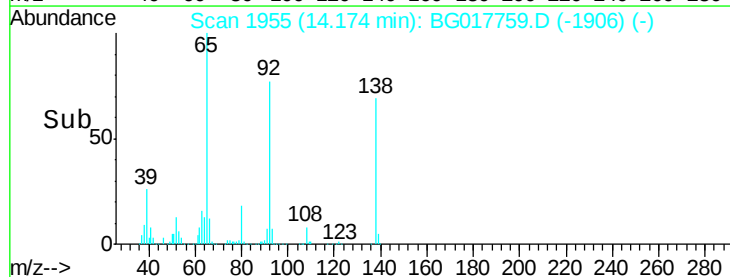
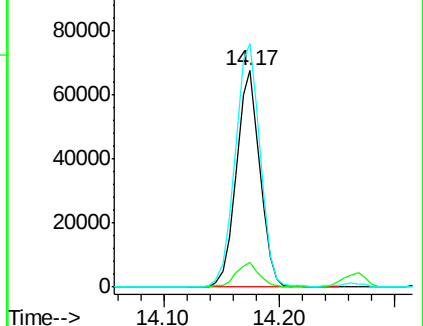
92 112.5 87.4 131.0

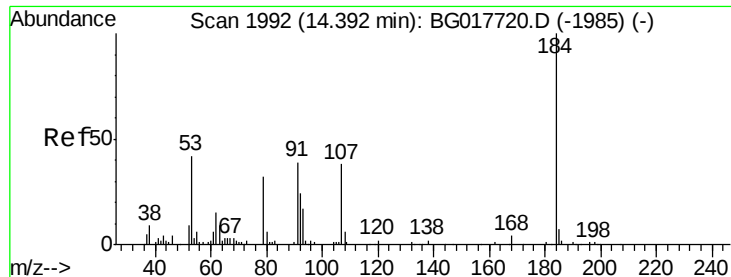


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

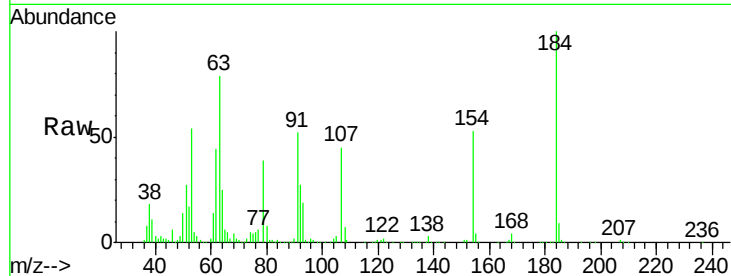




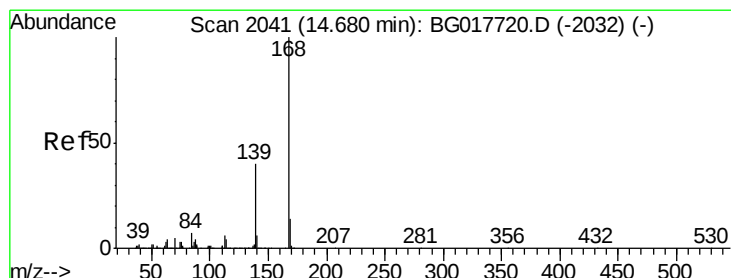
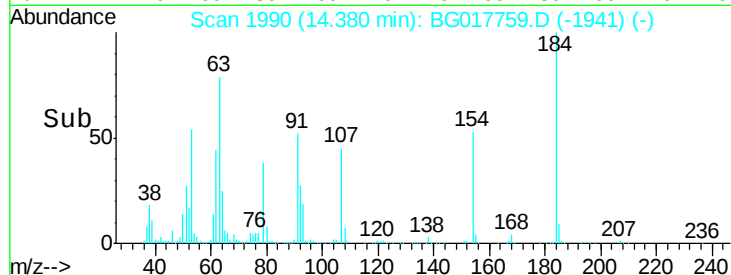
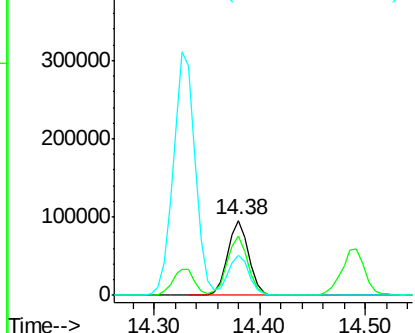
#53
2,4-Dinitrophenol
Concen: 75.54 ng
RT: 14.38 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

Instrument :
BNA_G
ClientSampleId :
PB84129BS

Tgt Ion:184 Resp: 130542
Ion Ratio Lower Upper
184 100
63 79.2 47.8 71.6#
154 53.3 39.3 58.9

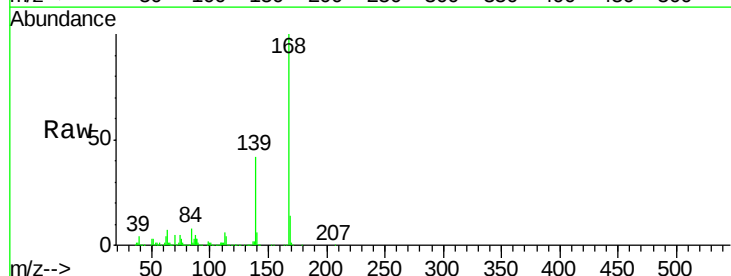


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

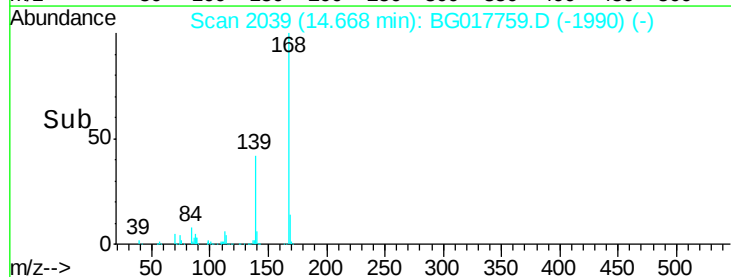
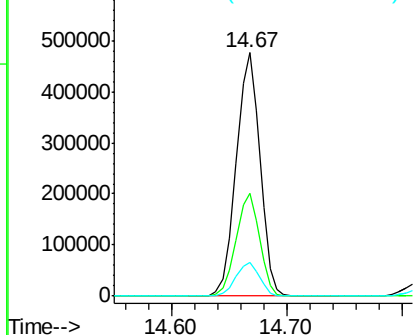


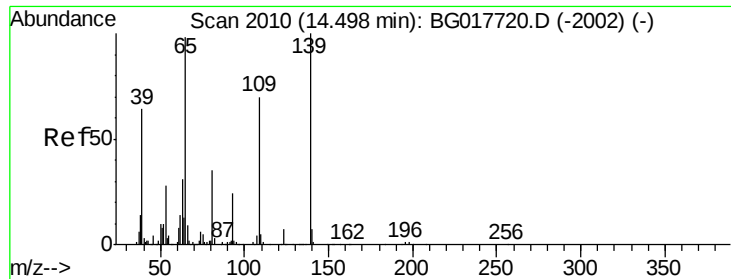
#54
Dibenzofuran
Concen: 32.89 ng
RT: 14.67 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

Tgt Ion:168 Resp: 676653
Ion Ratio Lower Upper
168 100
139 42.2 32.2 48.2
169 13.9 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 79.41 ng

RT: 14.49 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB84129BS

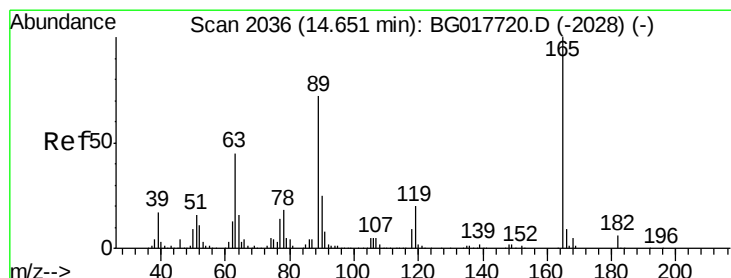
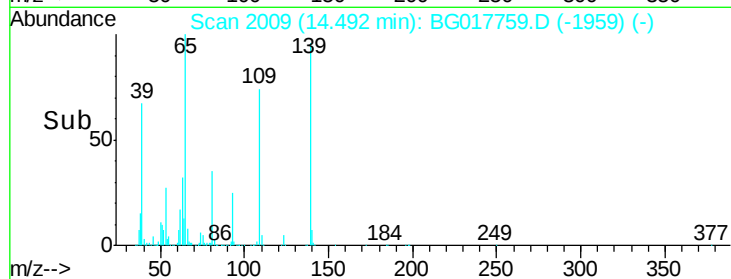
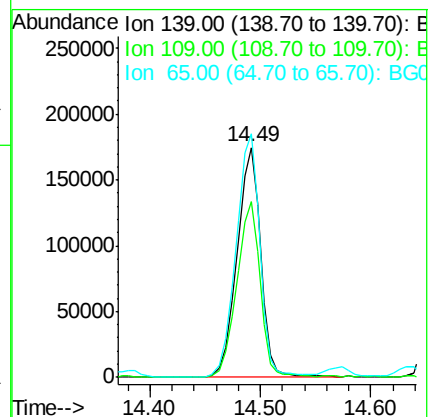
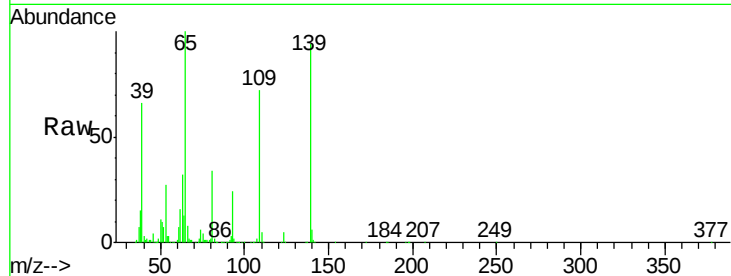
Tgt Ion:139 Resp: 263353

Ion Ratio Lower Upper

139 100

109 76.7 50.3 90.3

65 105.9 78.8 118.8



#56

2,4-Dinitrotoluene

Concen: 35.95 ng

RT: 14.64 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Tgt Ion:165 Resp: 181677

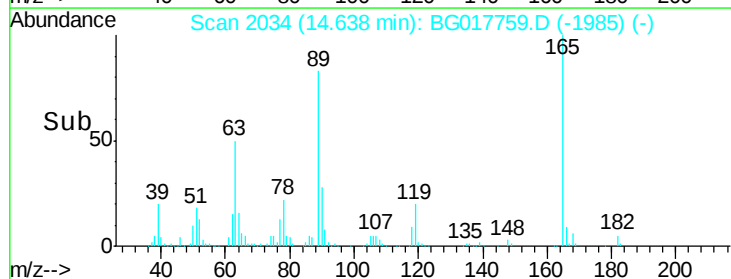
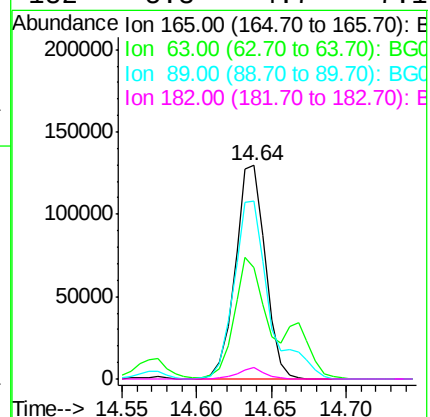
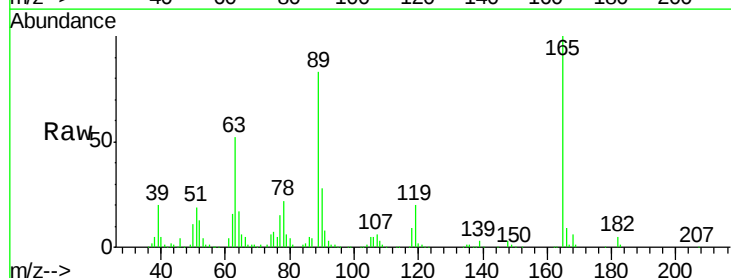
Ion Ratio Lower Upper

165 100

63 52.3 36.2 54.4

89 83.1 57.9 86.9

182 5.3 4.7 7.1





#57

Fluorene

Concen: 32.10 ng

RT: 15.32 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Instrument :

BNA_G

ClientSampled :

PB84129BS

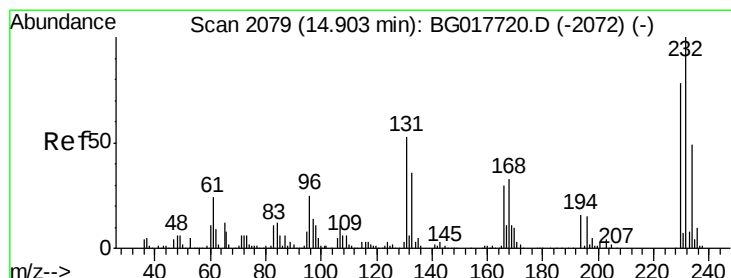
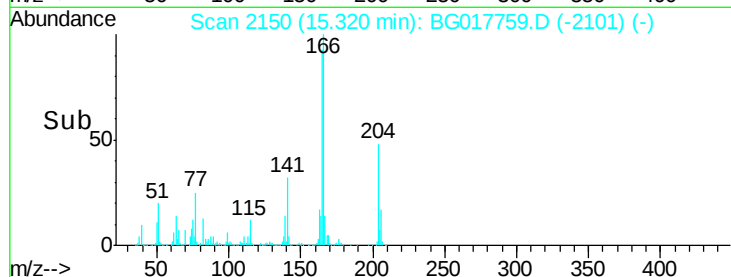
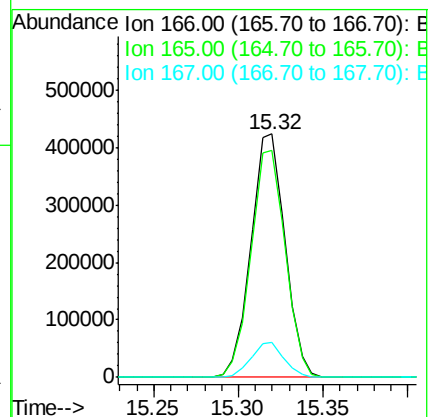
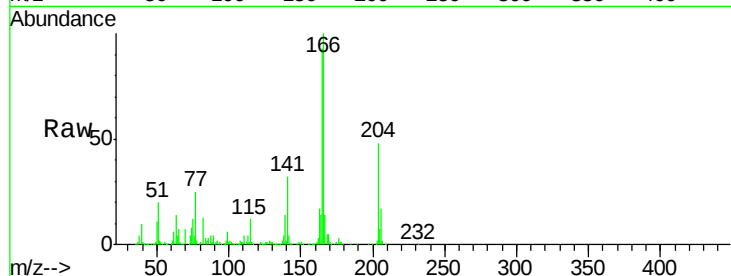
Tgt Ion:166 Resp: 596962

Ion Ratio Lower Upper

166 100

165 93.0 73.4 110.0

167 14.2 11.0 16.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.88 ng

RT: 14.89 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Tgt Ion:232 Resp: 134201

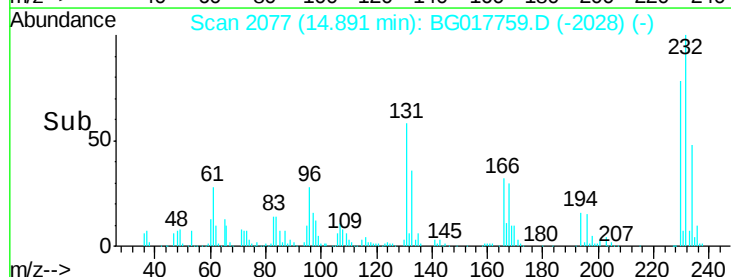
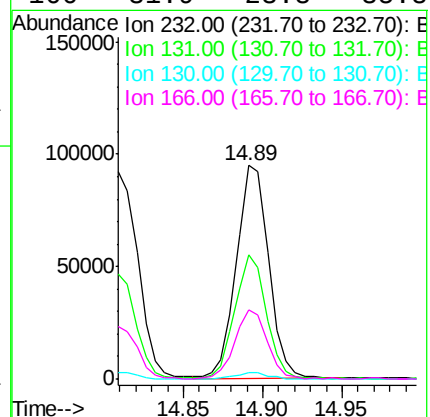
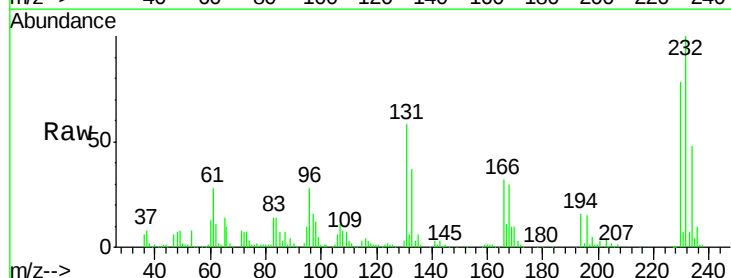
Ion Ratio Lower Upper

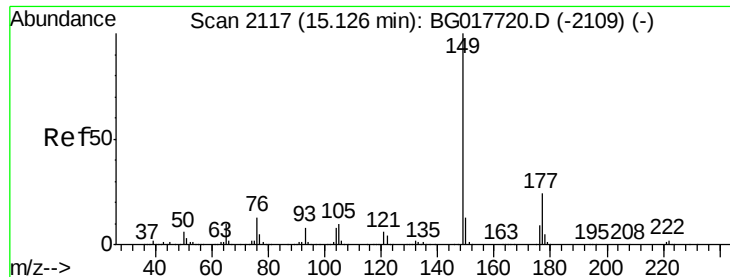
232 100

131 56.3 40.8 61.2

130 3.2 2.4 3.6

166 31.9 23.8 35.8

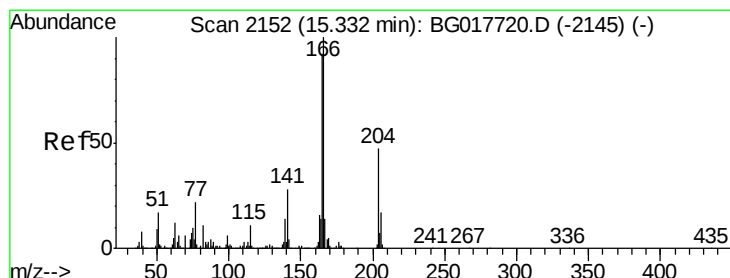
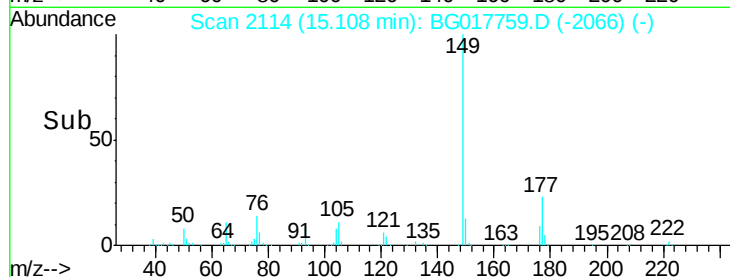
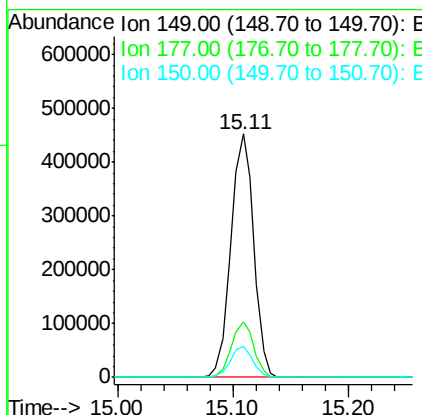
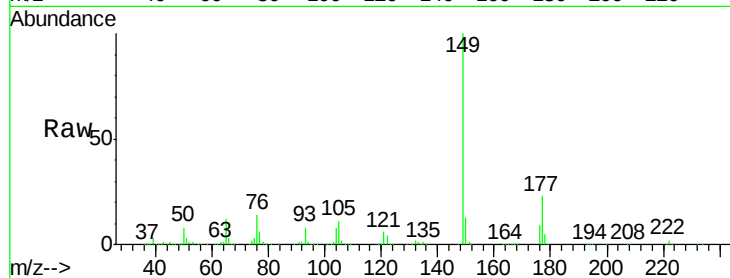




#59
Diethylphthalate
Concen: 32.61 ng
RT: 15.11 min Scan# 2114
Delta R.T. -0.02 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

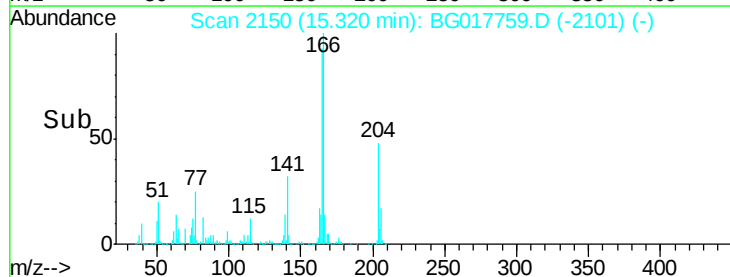
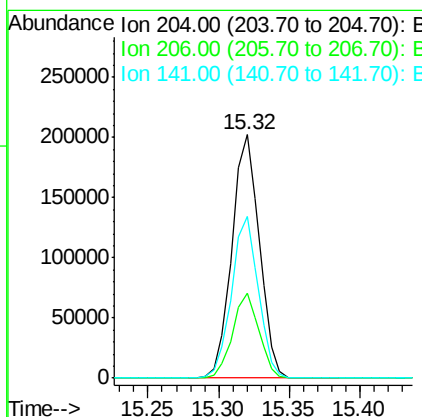
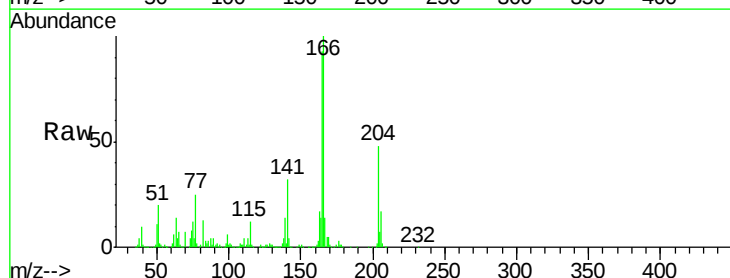
Instrument :
BNA_G
ClientSampleId :
PB84129BS

Tgt Ion:149 Resp: 616463
Ion Ratio Lower Upper
149 100
177 22.8 19.1 28.7
150 12.8 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 32.01 ng
RT: 15.32 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

Tgt Ion:204 Resp: 273226
Ion Ratio Lower Upper
204 100
206 34.9 28.6 42.8
141 66.4 49.0 73.4





#61

4-Nitroaniline

Concen: 37.98 ng

RT: 15.34 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB84129BS

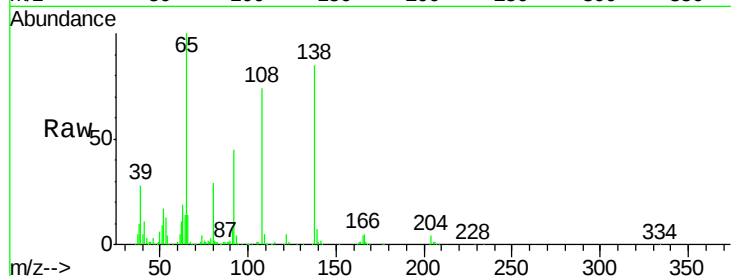
Tgt Ion:138 Resp: 177004

Ion Ratio Lower Upper

138 100

92 53.4 27.7 67.7

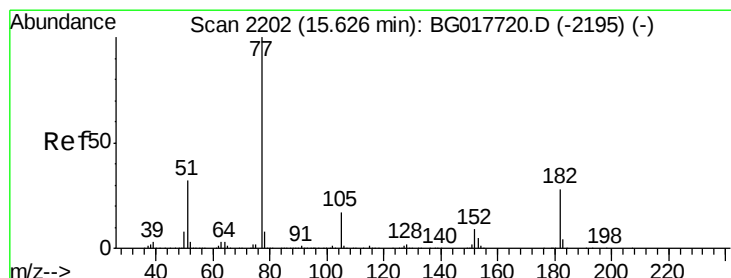
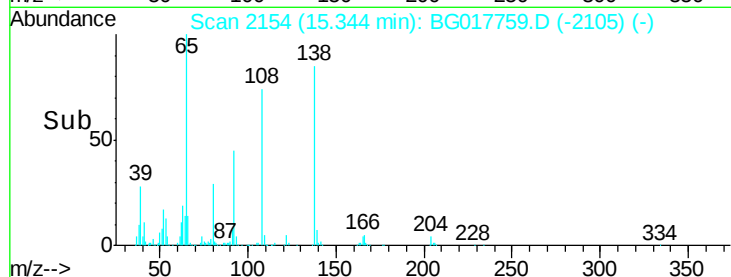
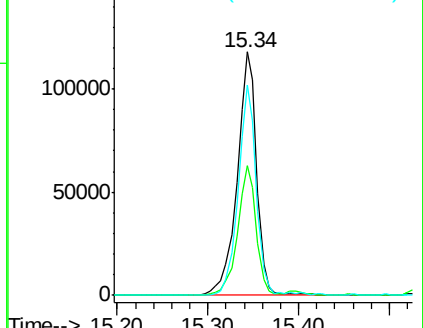
108 86.5 57.8 97.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.76 ng

RT: 15.61 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Tgt Ion: 77 Resp: 708323

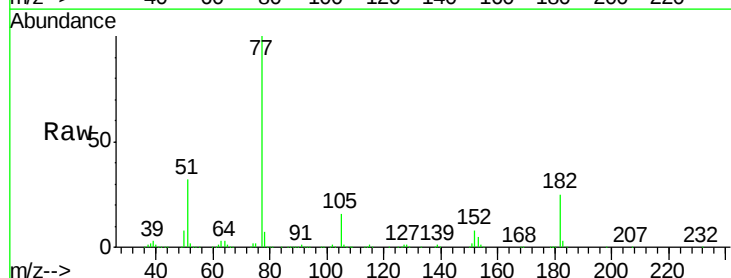
Ion Ratio Lower Upper

77 100

182 25.0 8.2 48.2

105 15.9 0.0 36.6

51 32.0 11.7 51.7

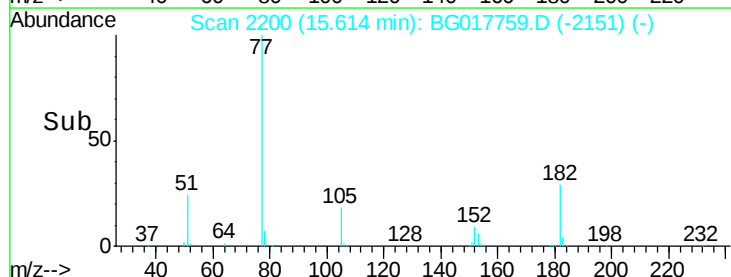
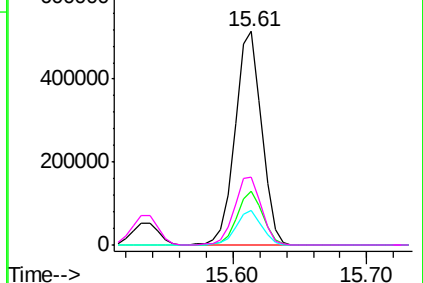


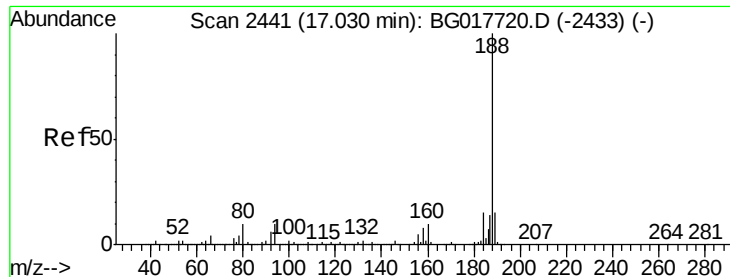
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.02 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB84129BS

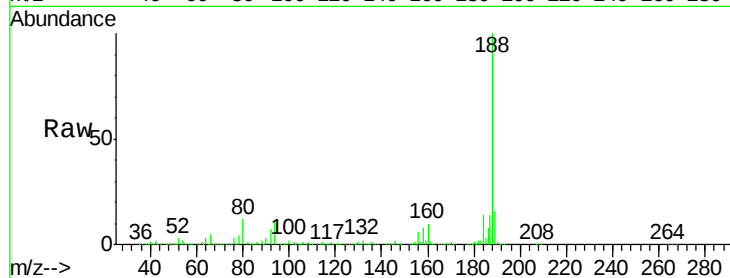
Tgt Ion:188 Resp: 514022

Ion Ratio Lower Upper

188 100

94 11.2 8.2 12.2

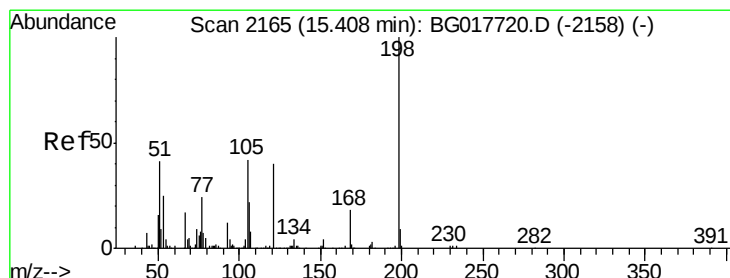
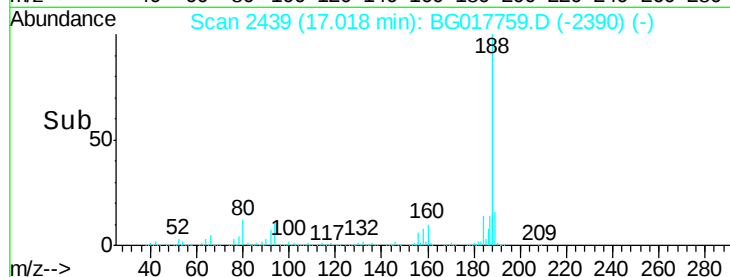
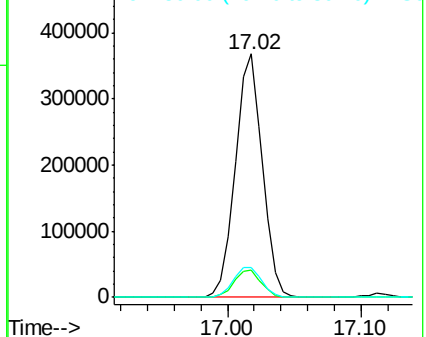
80 12.1 8.2 12.4



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: 36.15 ng

RT: 15.40 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

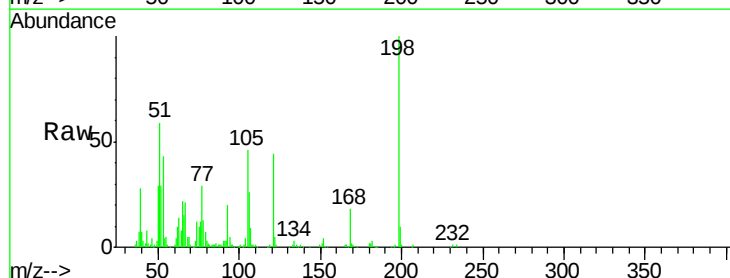
Tgt Ion:198 Resp: 95298

Ion Ratio Lower Upper

198 100

51 59.5 27.0 67.0

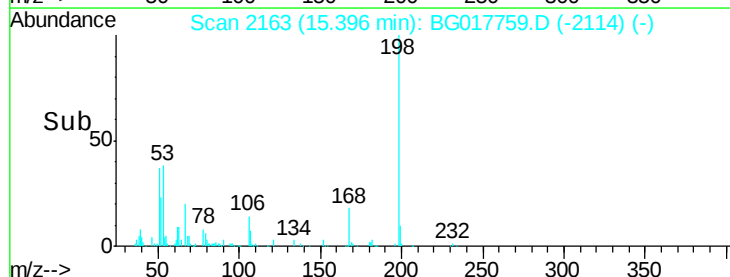
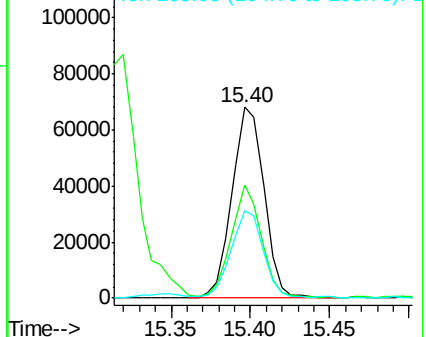
105 45.8 23.3 63.3

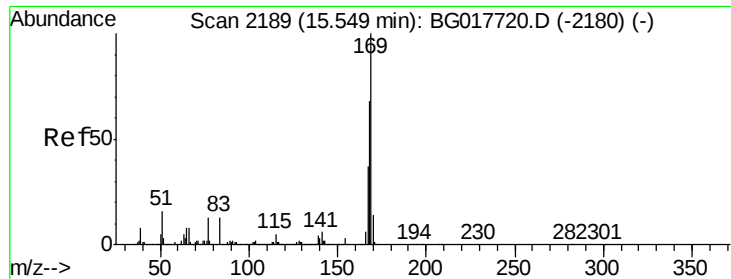


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

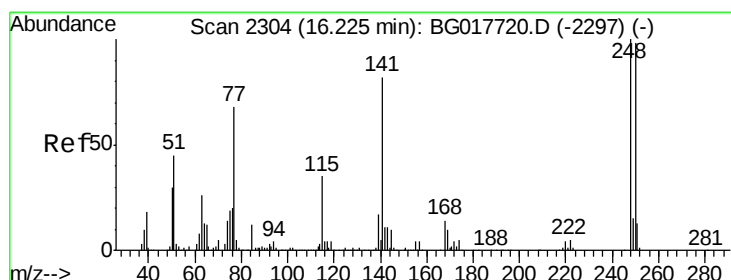
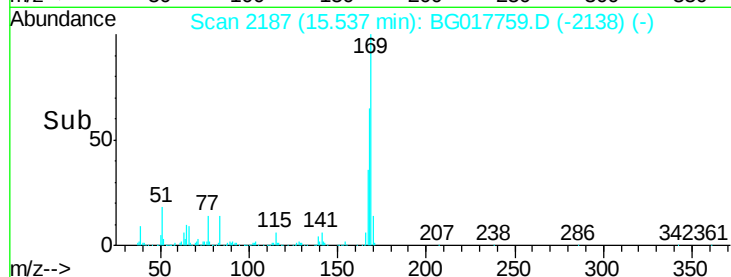
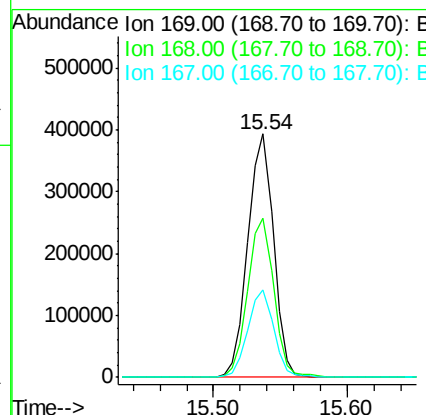
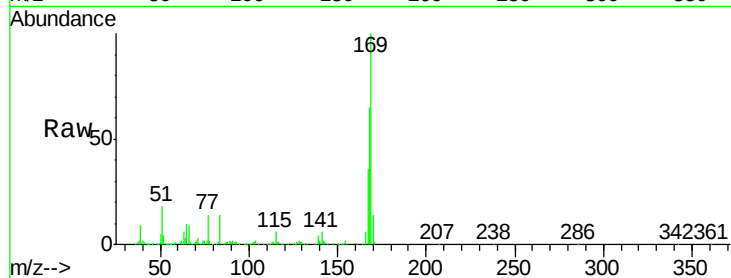




#65
n-Nitrosodiphenylamine
Concen: 31.76 ng
RT: 15.54 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

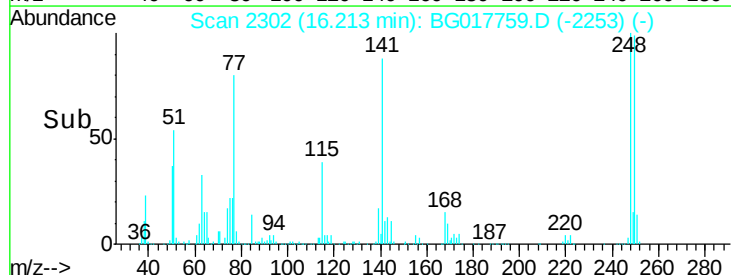
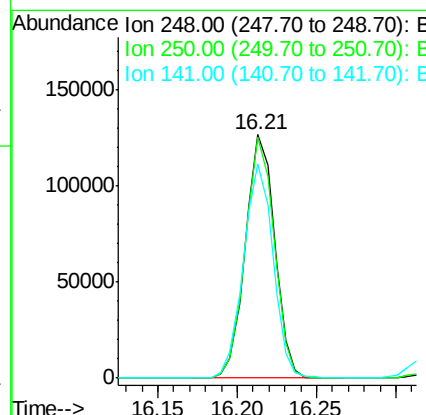
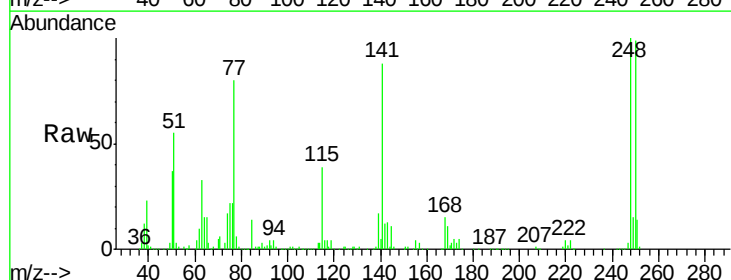
Instrument :
BNA_G
ClientSampleId :
PB84129BS

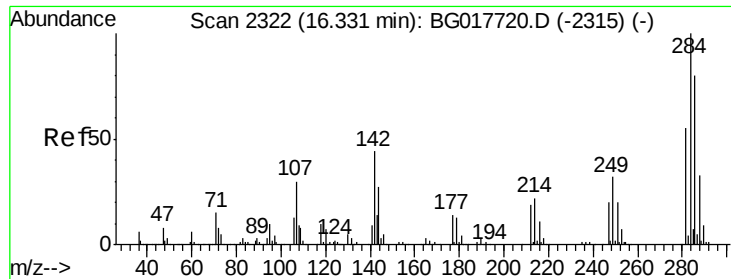
Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.1	54.1	81.1
167	36.2	29.4	44.2



#66
4-Bromophenyl-phenylether
Concen: 30.75 ng
RT: 16.21 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.2	78.0	117.0
141	88.0	65.7	98.5

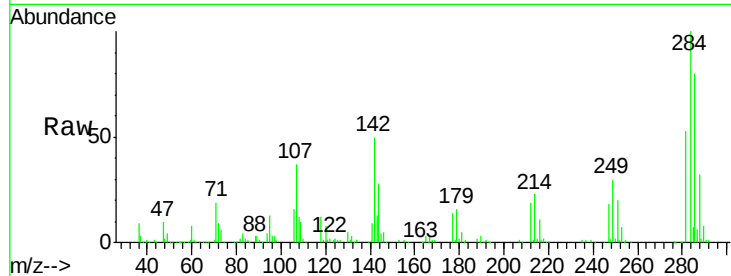




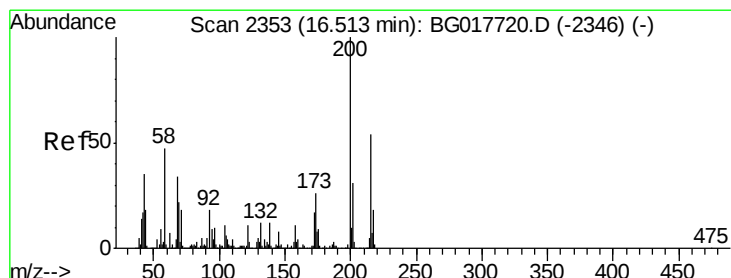
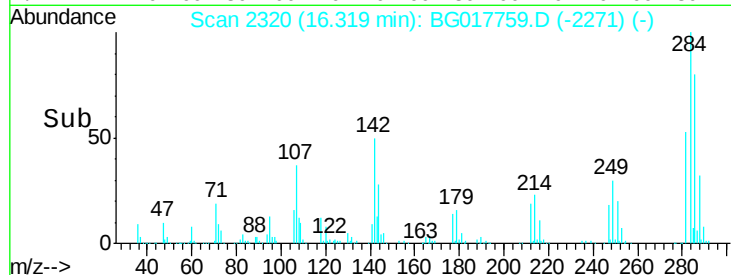
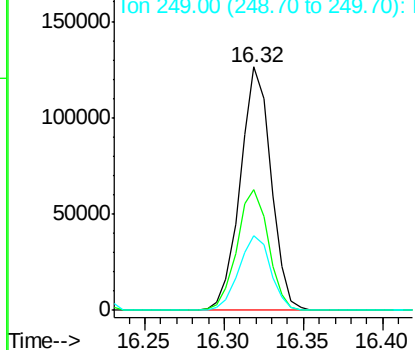
#67
Hexachlorobenzene
Concen: 29.58 ng
RT: 16.32 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

Instrument :
BNA_G
ClientSampleId :
PB84129BS

Tgt Ion: 284 Resp: 170118
Ion Ratio Lower Upper
284 100
142 49.8 35.2 52.8
249 30.5 25.4 38.0

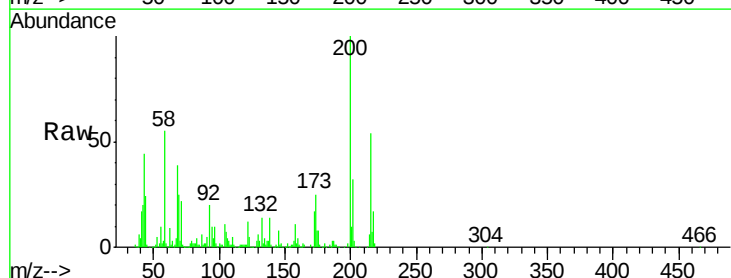


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

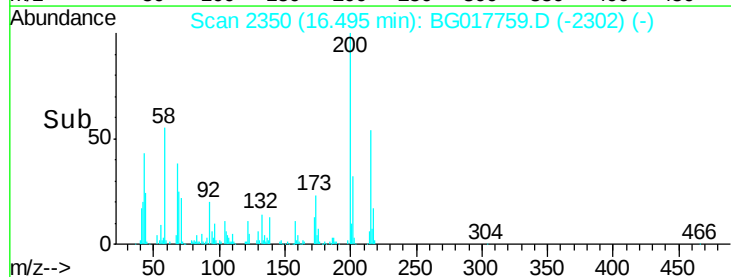
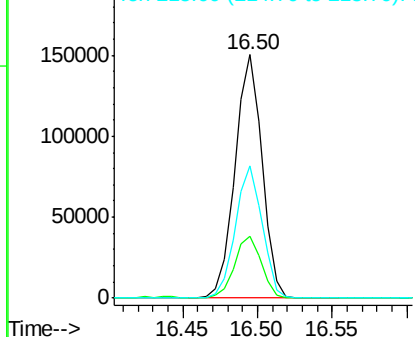


#68
Atrazine
Concen: 31.73 ng
RT: 16.50 min Scan# 2350
Delta R.T. -0.02 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

Tgt Ion: 200 Resp: 190182
Ion Ratio Lower Upper
200 100
173 25.4 5.6 45.6
215 54.1 34.1 74.1



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: 72.83 ng

RT: 16.67 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB84129BS

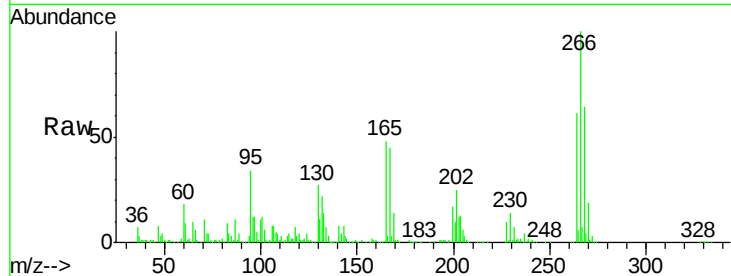
Tgt Ion:266 Resp: 210119

Ion Ratio Lower Upper

266 100

268 64.4 51.0 76.6

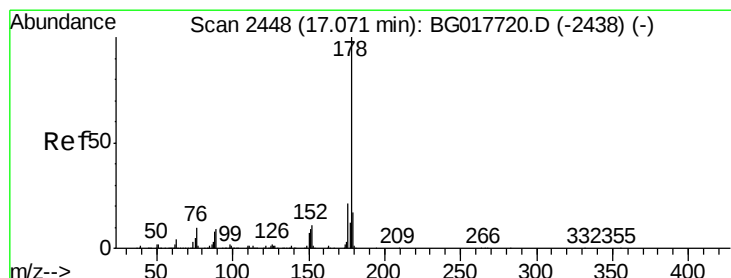
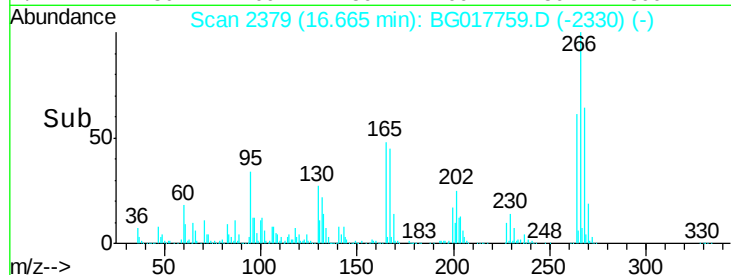
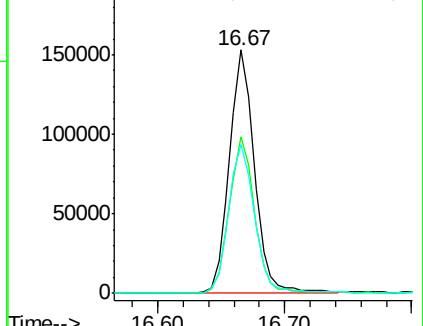
264 61.3 50.7 76.1



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: 32.19 ng

RT: 17.06 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

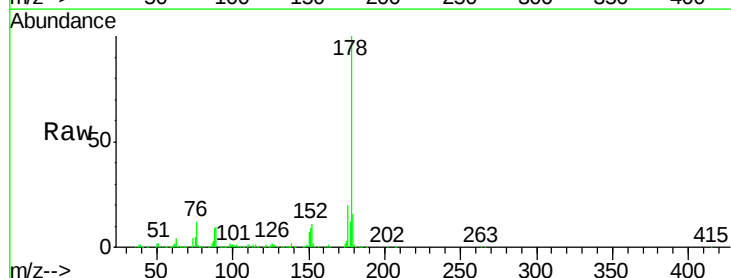
Tgt Ion:178 Resp: 933234

Ion Ratio Lower Upper

178 100

176 19.9 16.5 24.7

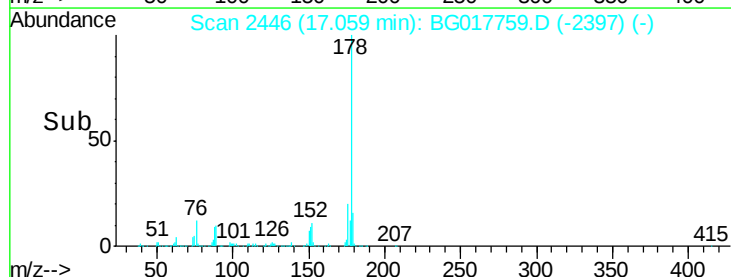
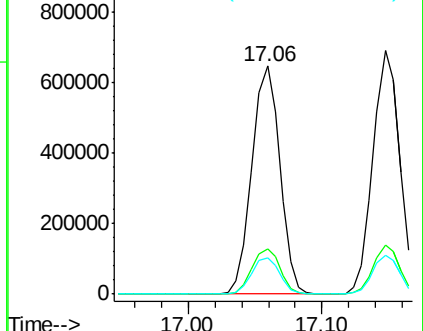
179 16.1 13.5 20.3

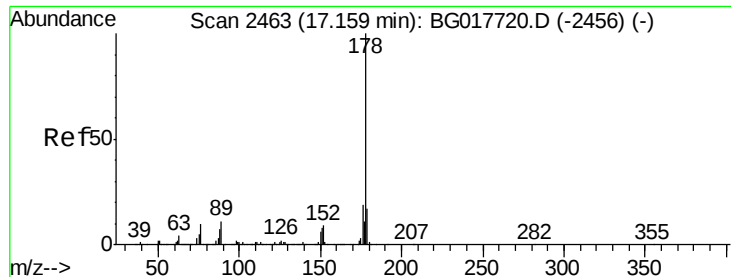


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

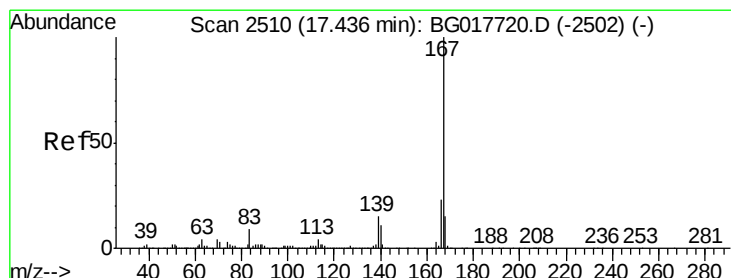
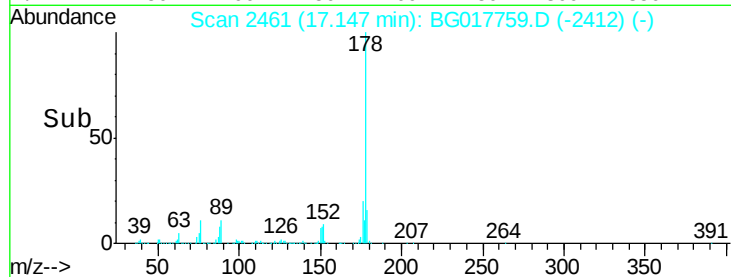
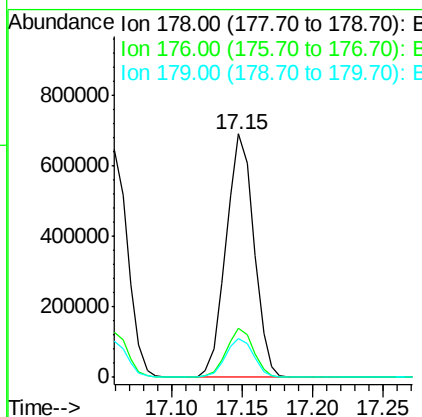
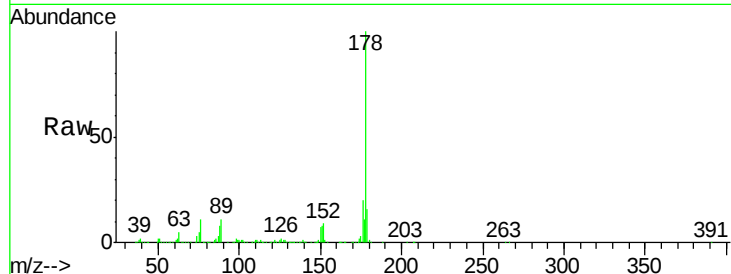




#71
 Anthracene
 Concen: 32.83 ng
 RT: 17.15 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BG017759.D
 Acq: 23 Jun 2015 17:22

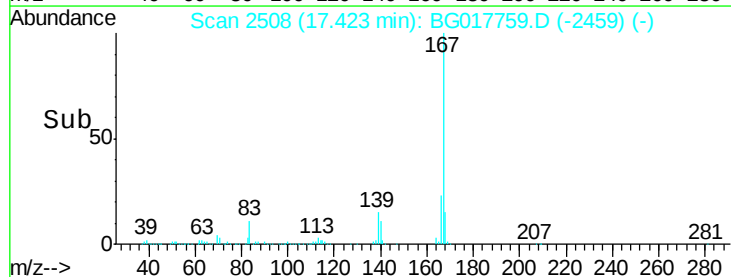
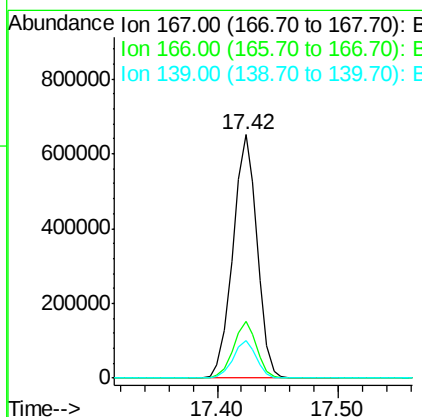
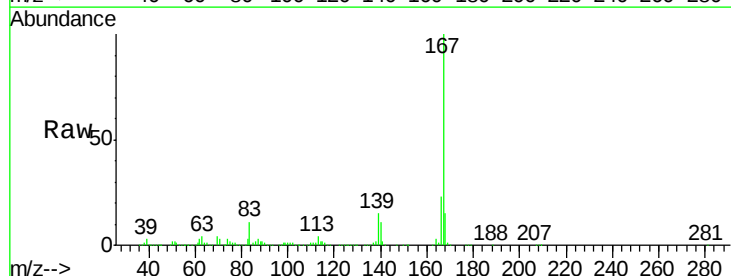
Instrument :
 BNA_G
 ClientSampleId :
 PB84129BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.2	22.8
179	16.1	13.6	20.4



#72
 Carbazole
 Concen: 31.95 ng
 RT: 17.42 min Scan# 2508
 Delta R.T. -0.01 min
 Lab File: BG017759.D
 Acq: 23 Jun 2015 17:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.3	27.5
139	15.4	11.9	17.9





#73

Di-n-butylphthalate

Concen: 33.33 ng

RT: 18.01 min Scan# 2607

Delta R.T. -0.02 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB84129BS

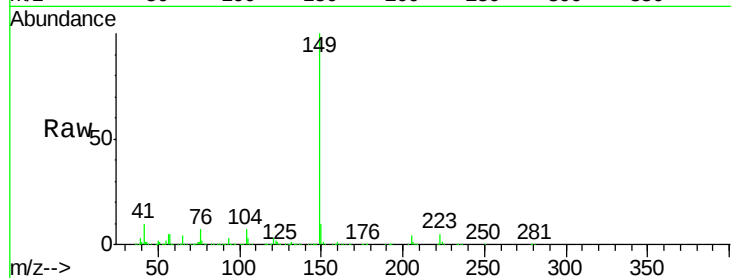
Tgt Ion:149 Resp: 1180713

Ion Ratio Lower Upper

149 100

150 10.1 8.6 12.8

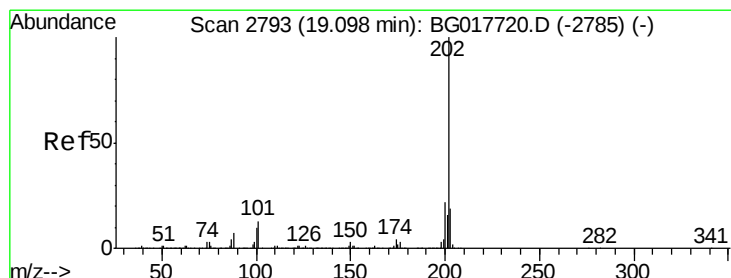
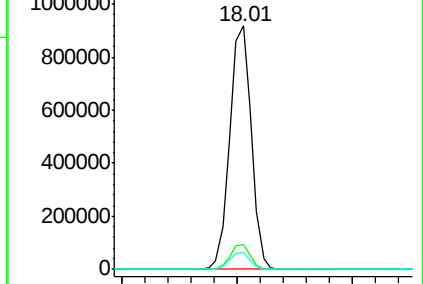
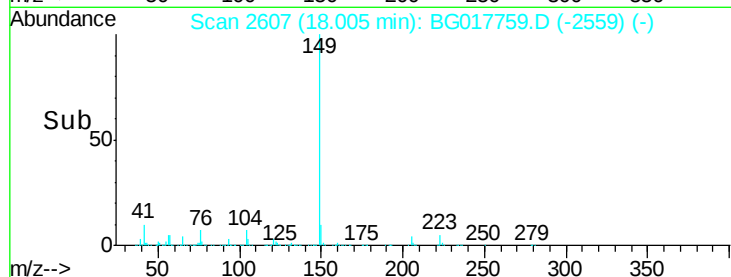
104 6.9 5.0 7.6



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: 32.54 ng

RT: 19.09 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

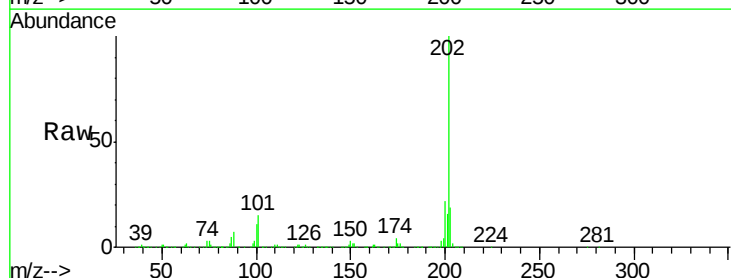
Tgt Ion:202 Resp: 1076808

Ion Ratio Lower Upper

202 100

101 14.5 0.0 33.3

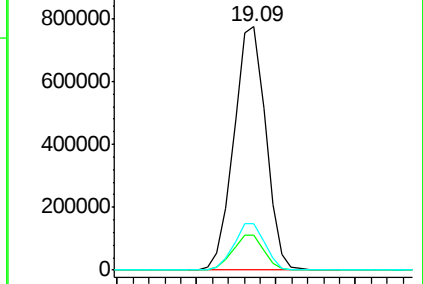
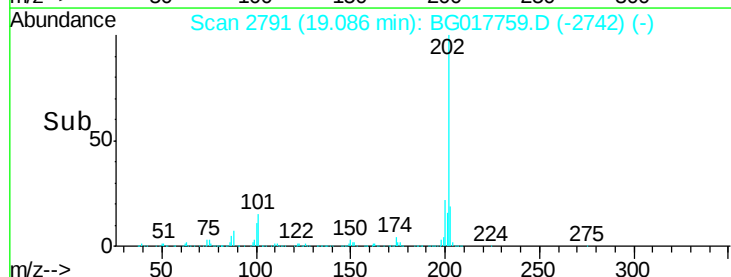
203 18.9 0.0 39.5

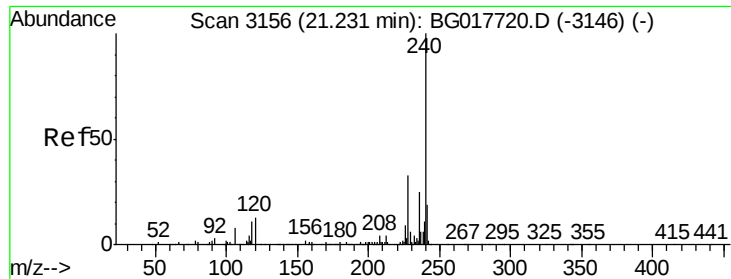


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.22 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB84129BS

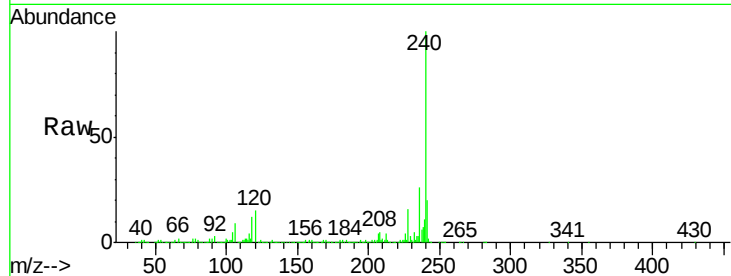
Tgt Ion:240 Resp: 558393

Ion Ratio Lower Upper

240 100

120 14.6 10.8 16.2

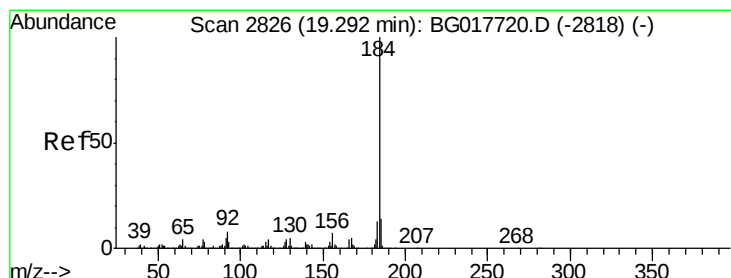
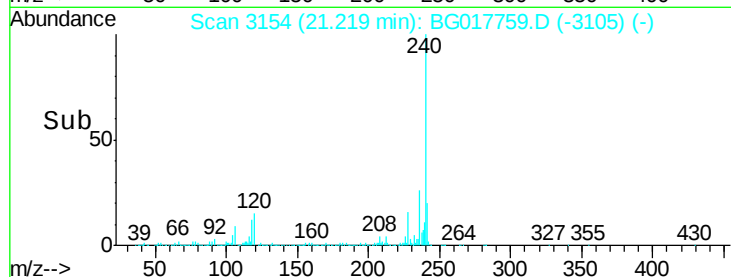
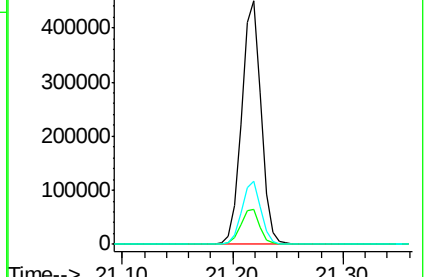
236 25.8 20.0 30.0



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: 21.41 ng

RT: 19.27 min Scan# 2823

Delta R.T. -0.02 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

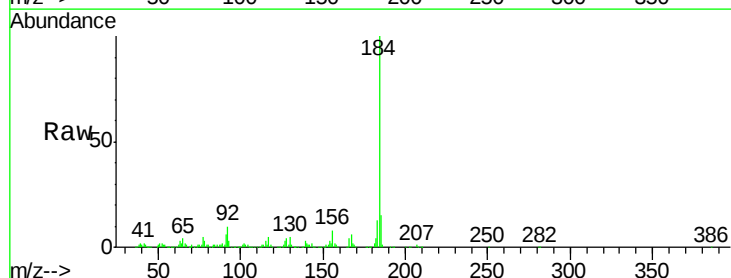
Tgt Ion:184 Resp: 398789

Ion Ratio Lower Upper

184 100

185 15.5 11.5 17.3

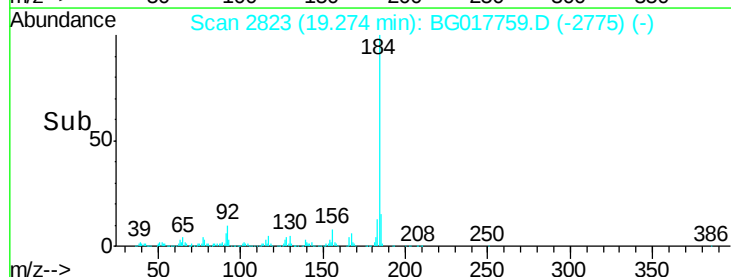
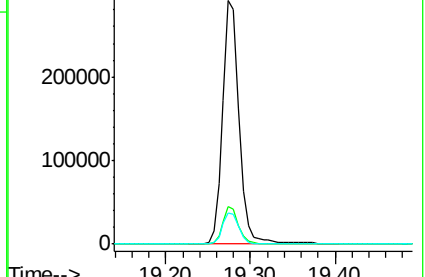
183 12.9 10.0 15.0

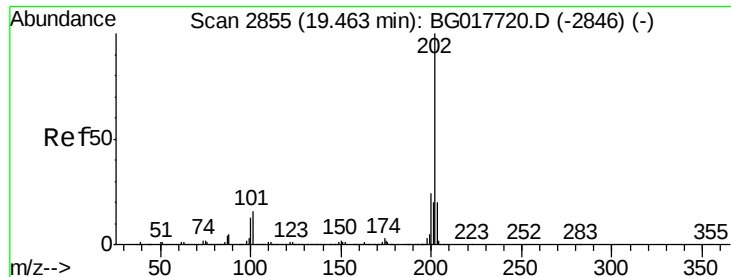


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 31.40 ng

RT: 19.45 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB84129BS

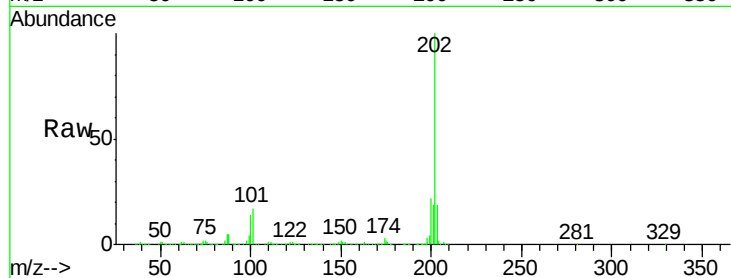
Tgt Ion:202 Resp: 1115735

Ion Ratio Lower Upper

202 100

200 22.5 18.8 28.2

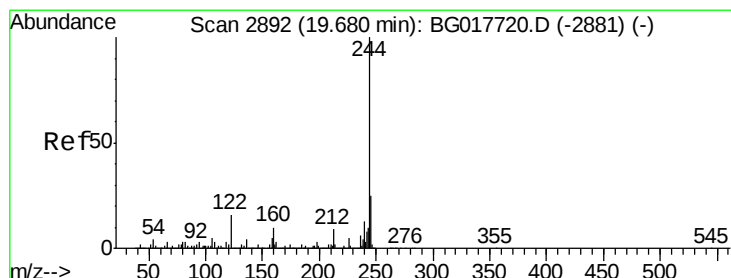
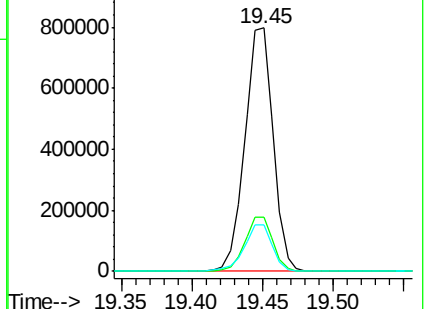
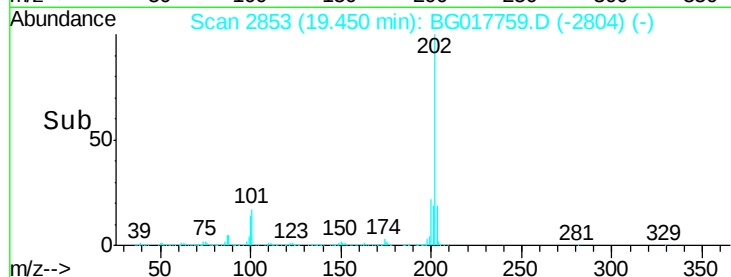
203 19.0 15.9 23.9



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: 77.16 ng

RT: 19.66 min Scan# 2889

Delta R.T. -0.02 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

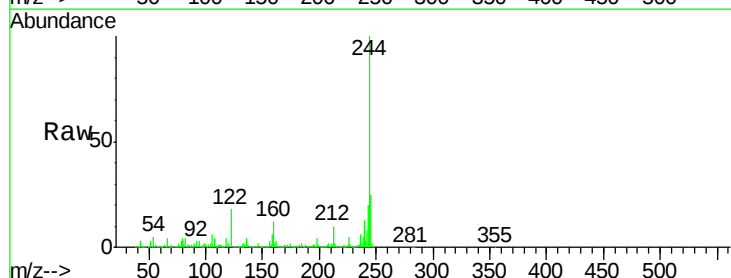
Tgt Ion:244 Resp: 1896254

Ion Ratio Lower Upper

244 100

212 9.7 7.2 10.8

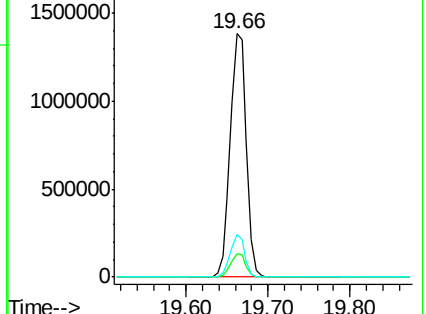
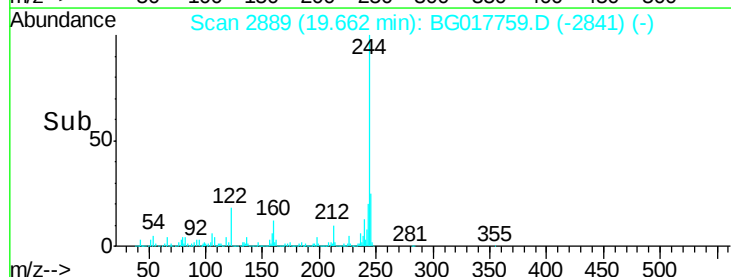
122 17.5 12.8 19.2



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: 33.21 ng

RT: 20.37 min Scan# 3009

Delta R.T. -0.02 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB84129BS

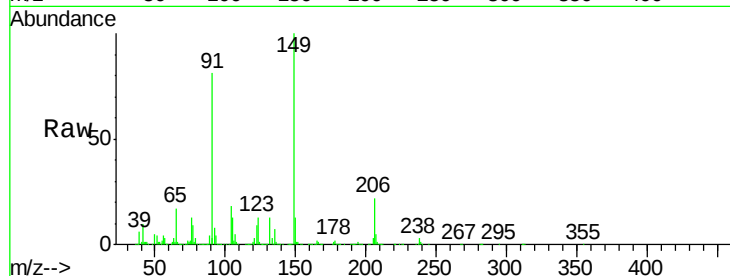
Tgt Ion:149 Resp: 558189

Ion Ratio Lower Upper

149 100

91 81.3 59.5 89.3

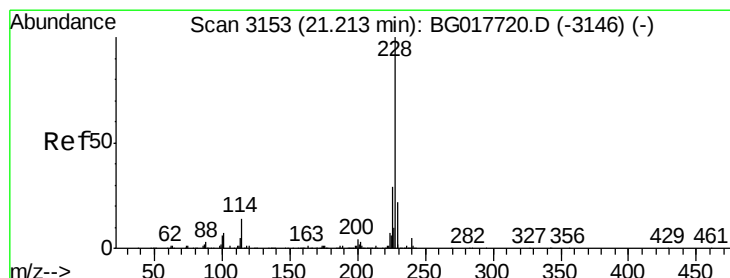
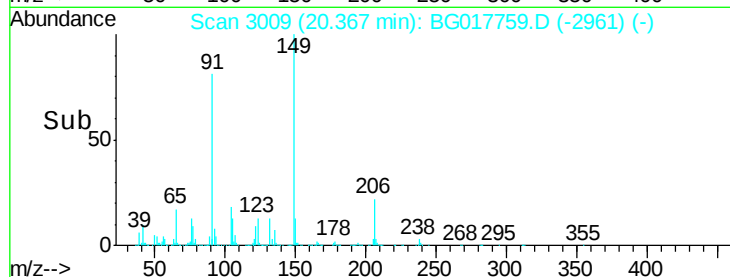
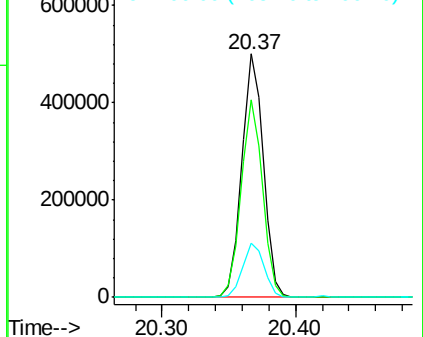
206 22.2 18.5 27.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 31.15 ng

RT: 21.20 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

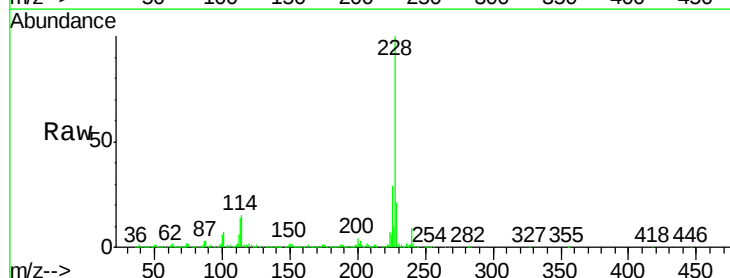
Tgt Ion:228 Resp: 1001527

Ion Ratio Lower Upper

228 100

226 28.5 23.1 34.7

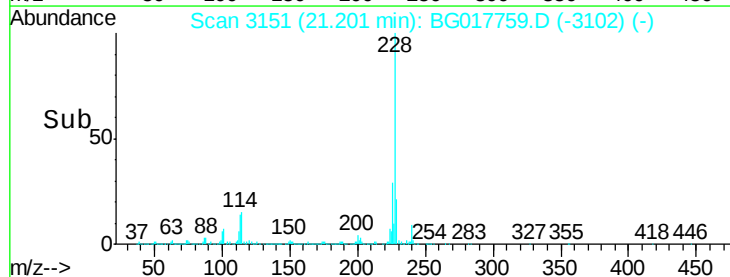
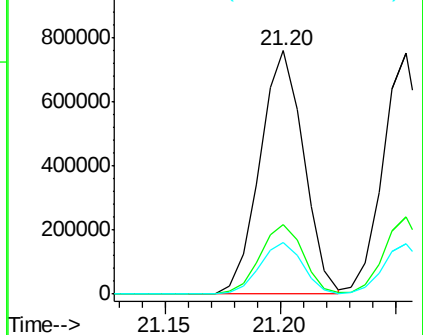
229 21.2 17.4 26.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

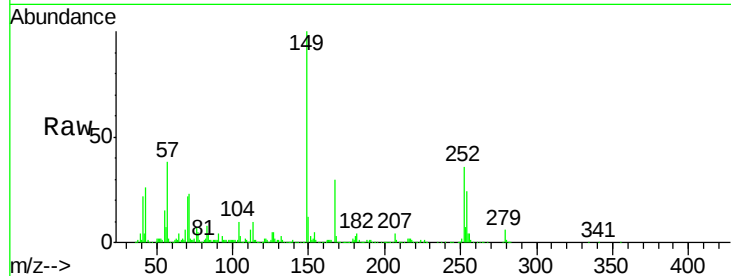




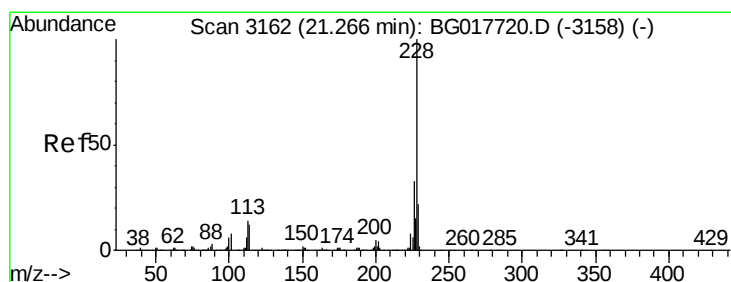
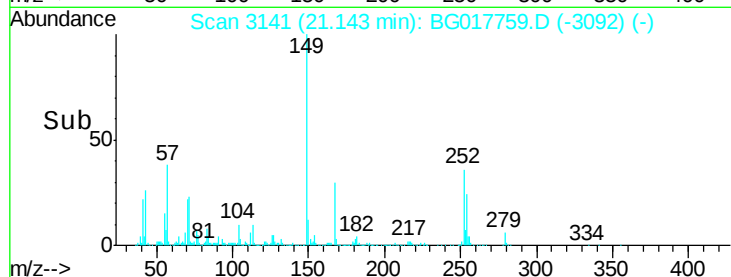
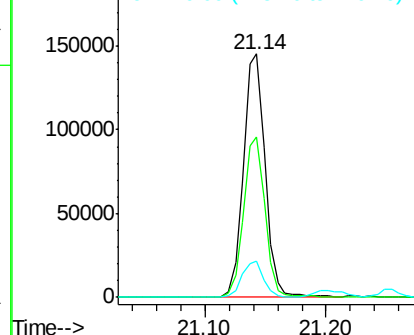
#81
 3,3'-Dichlorobenzidine
 Concen: 15.27 ng
 RT: 21.14 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG017759.D
 Acq: 23 Jun 2015 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB84129BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.2	76.8
126	14.7	11.4	17.0

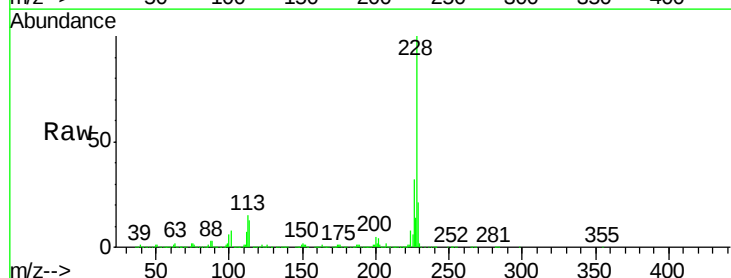


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

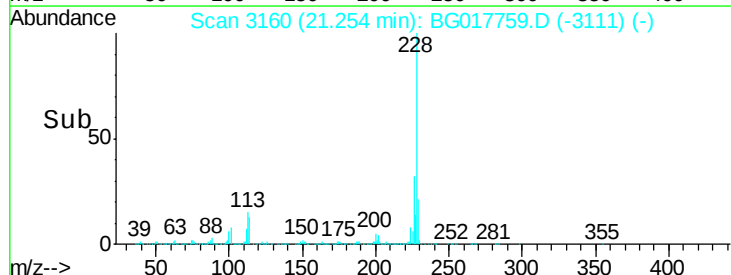
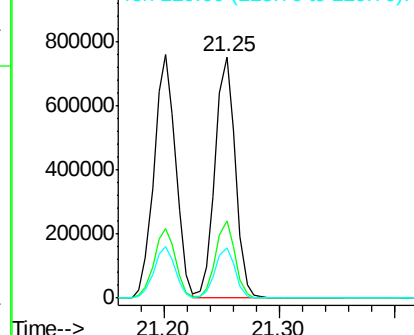


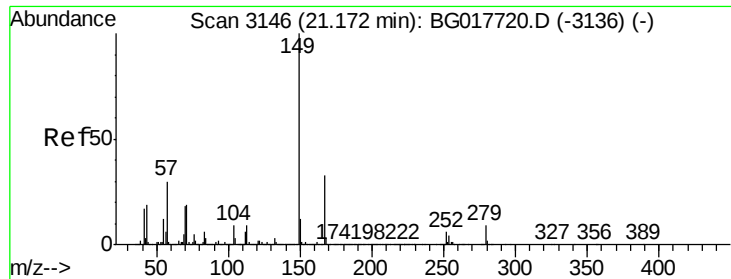
#82
 Chrysene
 Concen: 31.23 ng
 RT: 21.25 min Scan# 3160
 Delta R.T. -0.01 min
 Lab File: BG017759.D
 Acq: 23 Jun 2015 17:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	26.1	39.1
229	21.1	17.7	26.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

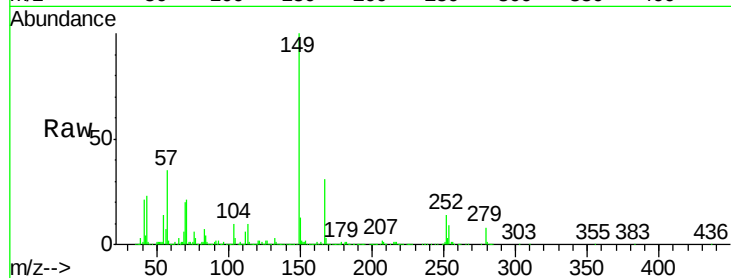




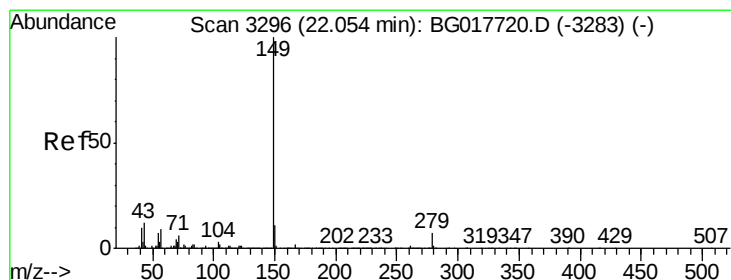
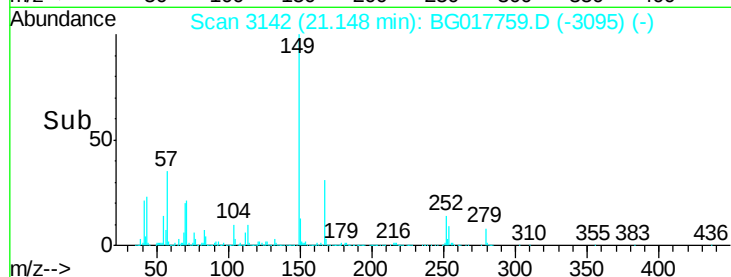
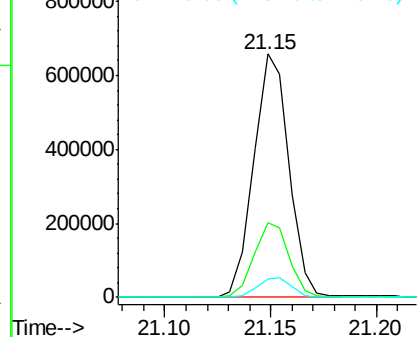
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.69 ng
 RT: 21.15 min Scan# 3142
 Delta R.T. -0.02 min
 Lab File: BG017759.D
 Acq: 23 Jun 2015 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB84129BS

Tgt Ion:149 Resp: 763239
 Ion Ratio Lower Upper
 149 100
 167 30.7 26.6 39.8
 279 7.7 6.9 10.3

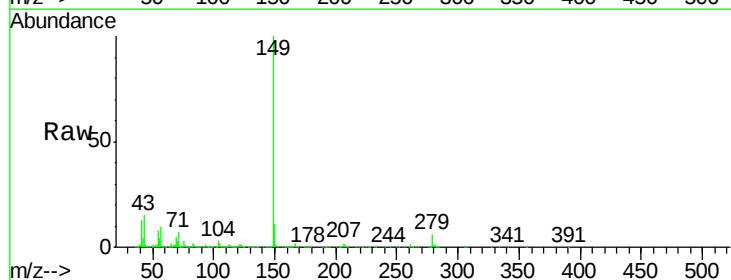


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

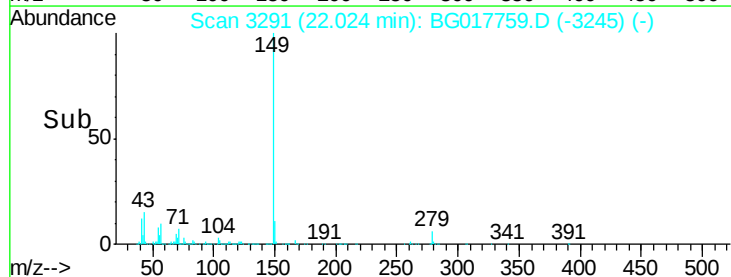
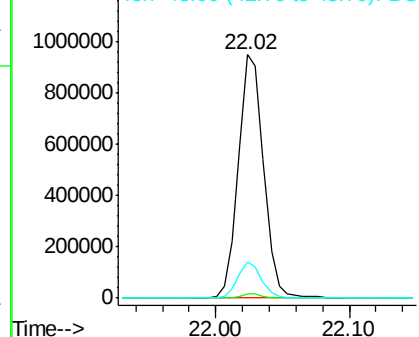


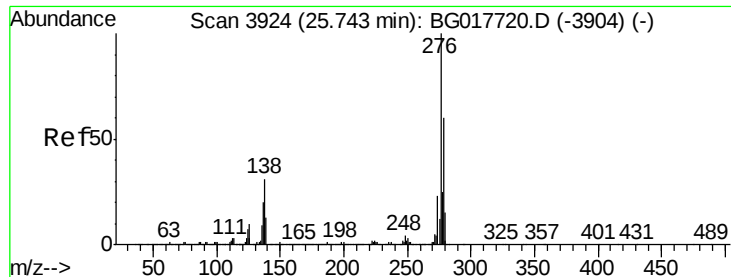
#84
 Di-n-octyl phthalate
 Concen: 32.55 ng
 RT: 22.02 min Scan# 3291
 Delta R.T. -0.03 min
 Lab File: BG017759.D
 Acq: 23 Jun 2015 17:22

Tgt Ion:149 Resp: 1247525
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 14.1 9.7 14.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 29.79 ng

RT: 25.71 min Scan# 3918

Delta R.T. -0.04 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB84129BS

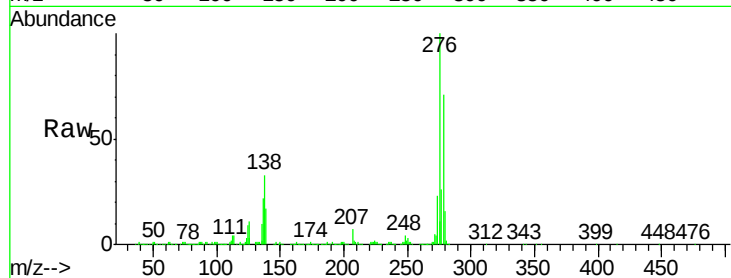
Tgt Ion:276 Resp: 1054107

Ion Ratio Lower Upper

276 100

138 33.6 25.4 38.0

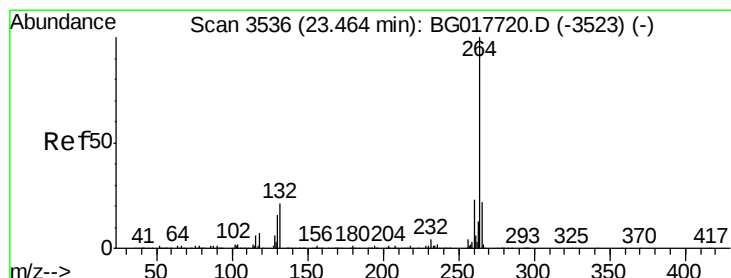
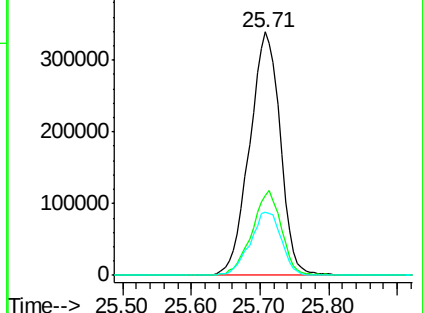
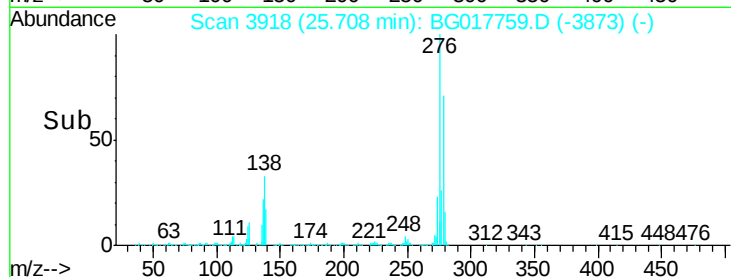
277 26.4 21.0 31.4



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: 23.44 min Scan# 3532

Delta R.T. -0.02 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

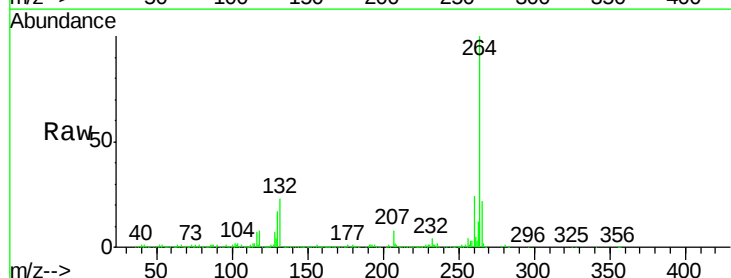
Tgt Ion:264 Resp: 524657

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

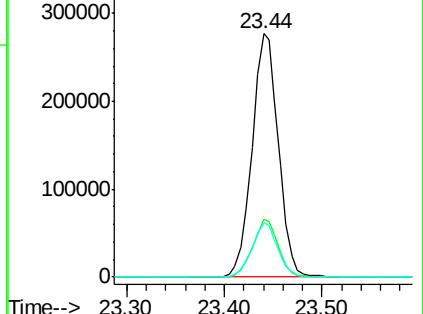
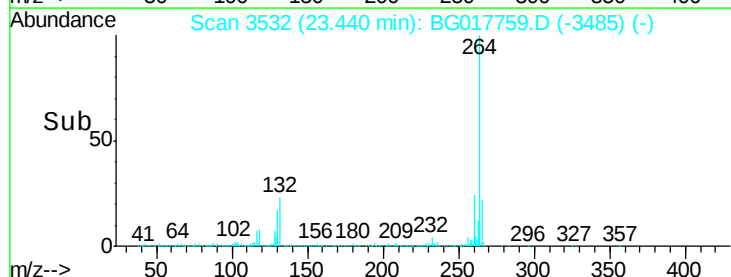
265 22.0 18.2 27.2

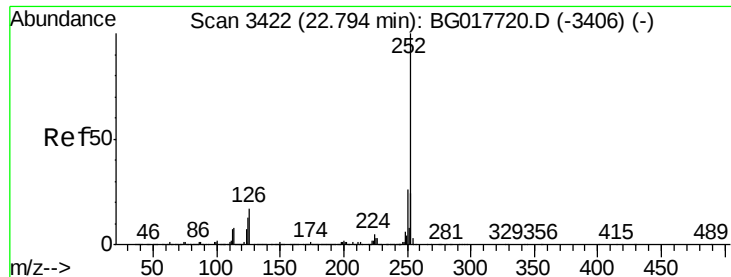


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

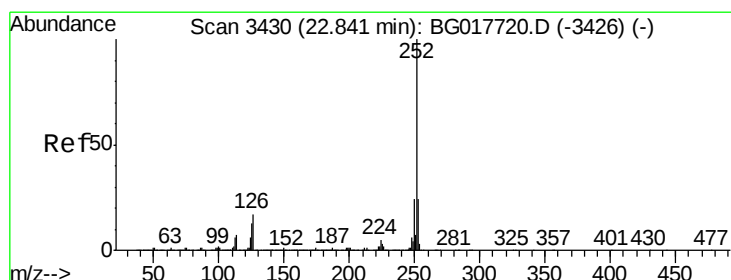
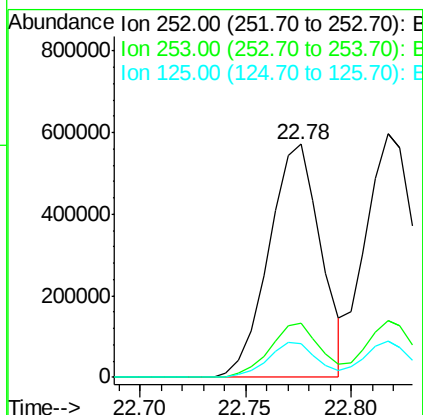
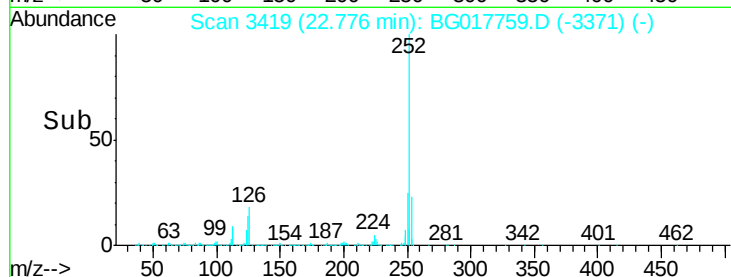
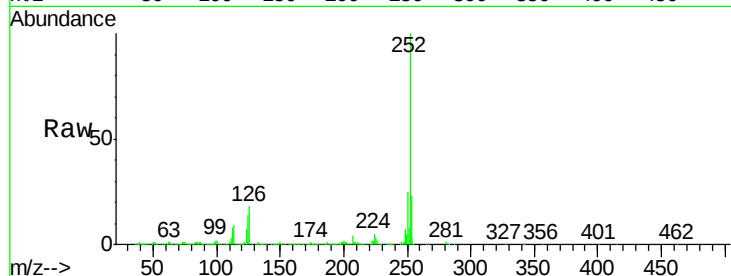




#87
Benzo(b)fluoranthene
Concen: 30.92 ng
RT: 22.78 min Scan# 3419
Delta R.T. -0.02 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

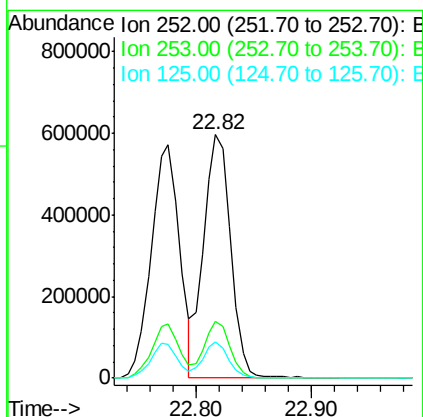
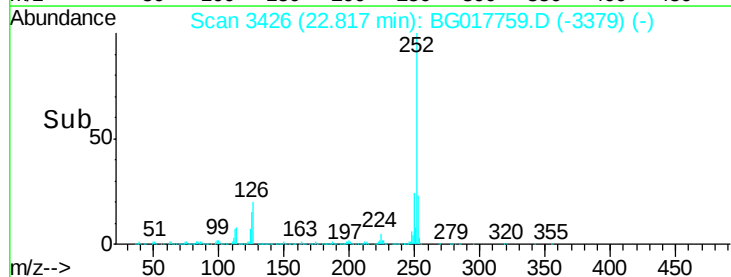
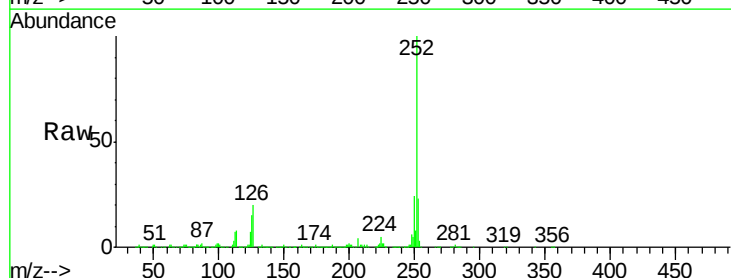
Instrument :
BNA_G
ClientSampleId :
PB84129BS

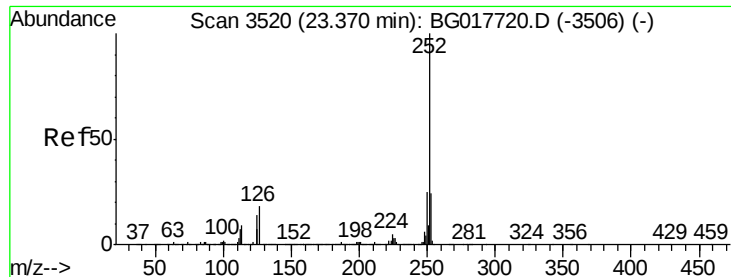
Tgt Ion:252 Resp: 976781
Ion Ratio Lower Upper
252 100
253 23.3 19.7 29.5
125 14.4 10.6 15.8



#88
Benzo(k)fluoranthene
Concen: 32.09 ng
RT: 22.82 min Scan# 3426
Delta R.T. -0.02 min
Lab File: BG017759.D
Acq: 23 Jun 2015 17:22

Tgt Ion:252 Resp: 969061
Ion Ratio Lower Upper
252 100
253 23.4 19.0 28.6
125 14.8 10.3 15.5





#89

Benzo(a)pyrene

Concen: 32.48 ng

RT: 23.35 min Scan# 3516

Delta R.T. -0.02 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB84129BS

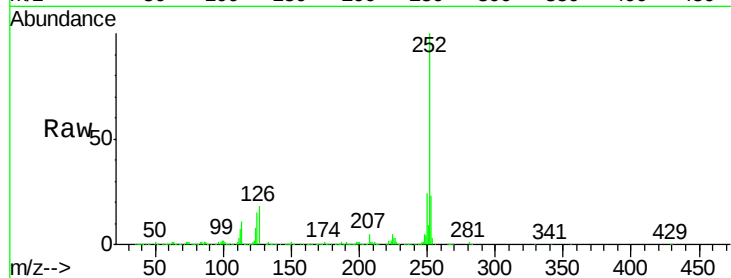
Tgt Ion: 252 Resp: 942602

Ion Ratio Lower Upper

252 100

253 23.1 19.0 28.6

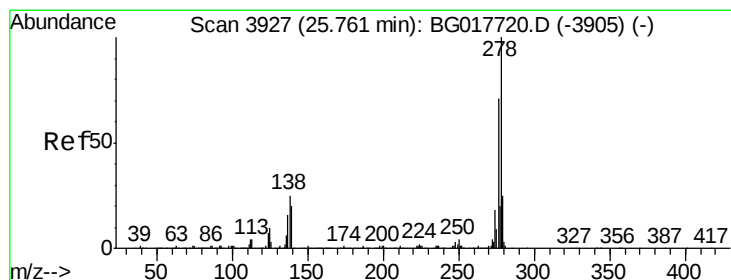
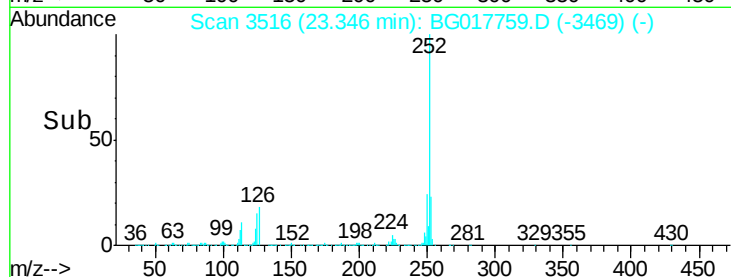
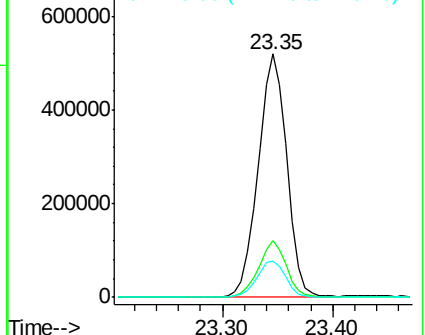
125 14.9 11.1 16.7



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: 30.55 ng

RT: 25.72 min Scan# 3920

Delta R.T. -0.04 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

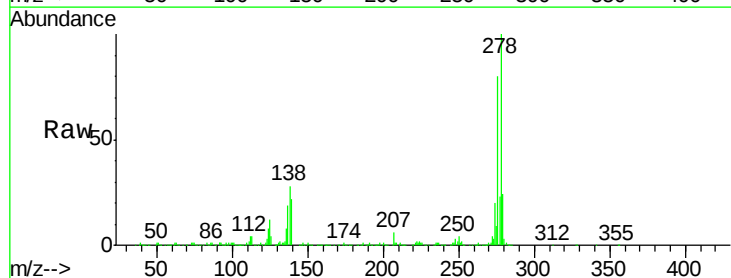
Tgt Ion: 278 Resp: 897205

Ion Ratio Lower Upper

278 100

139 22.2 16.2 24.2

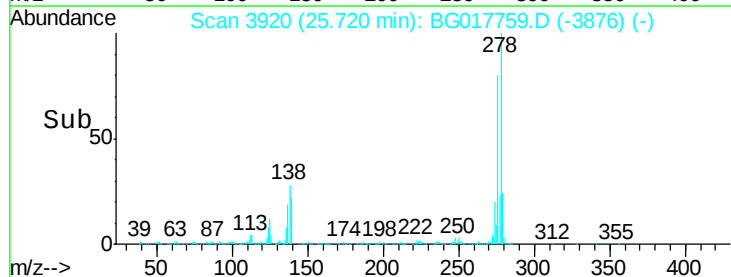
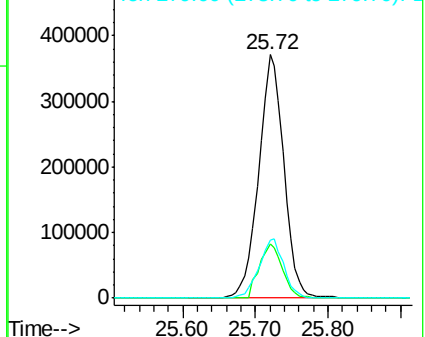
279 23.9 19.9 29.9

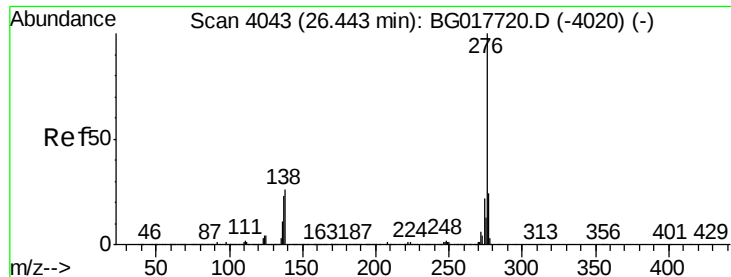


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 30.65 ng

RT: 26.40 min Scan# 4035

Delta R.T. -0.05 min

Lab File: BG017759.D

Acq: 23 Jun 2015 17:22

Instrument :

BNA_G

ClientSampleId :

PB84129BS

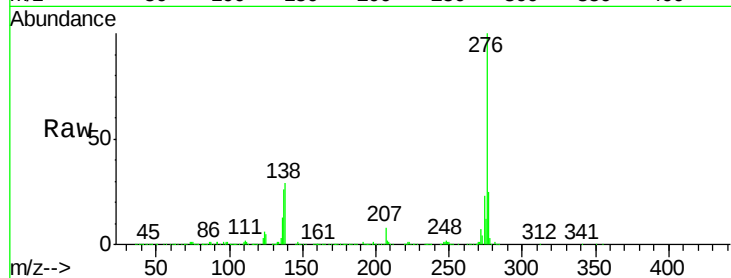
Tgt Ion: 276 Resp: 872567

Ion Ratio Lower Upper

276 100

277 24.7 18.9 28.3

138 29.4 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

