

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
 Data File : BG017948.D
 Acq On : 18 Jul 2015 5:54
 Operator : TP/UM
 Sample : PB84497BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB84497BS

Quant Time: Jul 20 01:48:48 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	125337	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	550812	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	337374	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	726519	20.00	ng	0.00
75) Chrysene-d12	21.20	240	758807	20.00	ng	0.00
86) Perylene-d12	23.41	264	739070	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	733800	102.13	ng	0.00
7) Phenol-d6	6.77	99	949373	100.86	ng	0.00
23) Nitrobenzene-d5	8.74	82	543923	63.96	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	351814	102.93	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1250346	64.22	ng	0.00
78) Terphenyl-d14	19.65	244	1848173	61.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	77310	24.48	ng	91
3) Pyridine	3.52	79	207429	24.58	ng	88
4) n-Nitrosodimethylamine	3.45	42	86016	26.85	ng	# 63
6) Aniline	6.92	93	268934	21.43	ng	95
8) 2-Chlorophenol	7.15	128	275635	32.54	ng	97
9) Benzaldehyde	6.73	77	50698	8.79	ng	95
10) Phenol	6.80	94	332416	33.09	ng	95
11) bis(2-Chloroethyl)ether	7.03	93	231740	29.49	ng	93
12) 1,3-Dichlorobenzene	7.47	146	269486	28.97	ng	96
13) 1,4-Dichlorobenzene	7.62	146	274666	28.81	ng	97
14) 1,2-Dichlorobenzene	7.94	146	260699	28.62	ng	99
15) Benzyl Alcohol	7.83	79	214985	30.88	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.12	45	272188	28.75	ng	95
17) 2-Methylphenol	8.03	107	223653	31.93	ng	98
18) Hexachloroethane	8.65	117	102398	28.44	ng	98
19) n-Nitroso-di-n-propylamine	8.39	70	186169	27.09	ng	88
20) 3+4-Methylphenols	8.36	107	300258	31.67	ng	99
22) Acetophenone	8.41	105	342807	28.81	ng	# 90
24) Nitrobenzene	8.78	77	269465	29.74	ng	89
25) Isophorone	9.30	82	514020	28.82	ng	98
26) 2-Nitrophenol	9.49	139	140560	32.51	ng	91
27) 2,4-Dimethylphenol	9.56	122	260121	33.07	ng	96
28) bis(2-Chloroethoxy)methane	9.79	93	297419	29.92	ng	98
29) 2,4-Dichlorophenol	10.02	162	247089	35.27	ng	97
30) 1,2,4-Trichlorobenzene	10.23	180	245672	29.51	ng	98
31) Naphthalene	10.42	128	788693	29.26	ng	99
32) Benzoic acid	9.70	122	118185	42.10	ng	88
33) 4-Chloroaniline	10.53	127	194059	16.15	ng	95
34) Hexachlorobutadiene	10.70	225	135538	28.90	ng	92
35) Caprolactam	11.30	113	56750	15.94	ng	89
36) 4-Chloro-3-methylphenol	11.67	107	271894	34.19	ng	94
37) 2-Methylnaphthalene	12.04	142	582998	30.13	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.41	216	262574	29.04	ng	98
40) Hexachlorocyclopentadiene	12.40	237	323670	65.63	ng	96

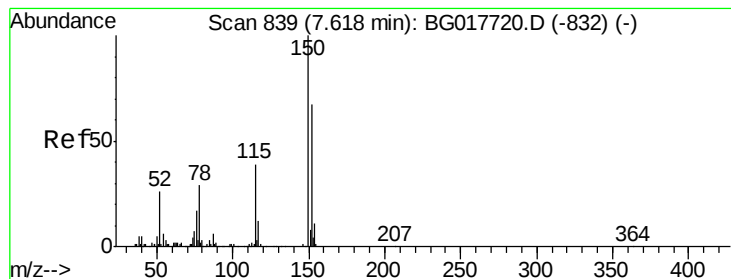
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
 Data File : BG017948.D
 Acq On : 18 Jul 2015 5:54
 Operator : TP/UM
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.66	196	187752	31.93	ng	98
43) 2,4,5-Trichlorophenol	12.73	196	204287	33.41	ng	96
45) 1,1'-Biphenyl	13.07	154	707948	29.97	ng	99
46) 2-Chloronaphthalene	13.11	162	572586	29.91	ng	97
47) 2-Nitroaniline	13.32	65	163538	31.82	ng	89
48) Acenaphthylene	13.96	152	947501	29.68	ng	98
49) Dimethylphthalate	13.71	163	724100	30.90	ng	99
50) 2,6-Dinitrotoluene	13.83	165	171408	32.27	ng	# 85
51) Acenaphthene	14.30	154	564357	29.19	ng	100
52) 3-Nitroaniline	14.15	138	129477	21.69	ng	95
53) 2,4-Dinitrophenol	14.36	184	170474	65.40	ng	94
54) Dibenzofuran	14.65	168	871986	31.26	ng	98
55) 4-Nitrophenol	14.48	139	324672	68.74	ng	# 84
56) 2,4-Dinitrotoluene	14.62	165	235526	33.07	ng	93
57) Fluorene	15.30	166	738905	30.82	ng	98
58) 2,3,4,6-Tetrachlorophenol	14.87	232	179767	34.10	ng	97
59) Diethylphthalate	15.09	149	755926	31.14	ng	99
60) 4-Chlorophenyl-phenylether	15.30	204	365275	31.07	ng	95
61) 4-Nitroaniline	15.33	138	208455	29.80	ng	92
62) Azobenzene	15.59	77	686426	30.60	ng	91
64) 4,6-Dinitro-2-methylphenol	15.39	198	128601	37.04	ng	81
65) n-Nitrosodiphenylamine	15.52	169	647598	29.64	ng	98
66) 4-Bromophenyl-phenylether	16.19	248	222401	30.55	ng	95
67) Hexachlorobenzene	16.30	284	243031	30.08	ng	97
68) Atrazine	16.47	200	221471	30.86	ng	97
69) Pentachlorophenol	16.65	266	290814	61.66	ng	98
70) Phenanthrene	17.04	178	1109891	29.62	ng	99
71) Anthracene	17.13	178	1136830	31.18	ng	98
72) Carbazole	17.40	167	1066492	30.96	ng	99
73) Di-n-butylphthalate	17.98	149	1319385	31.24	ng	99
74) Fluoranthene	19.06	202	1249783	30.46	ng	99
76) Benzidine	19.26	184	543290	25.21	ng	95
77) Pyrene	19.43	202	1304006	30.81	ng	99
79) Butylbenzylphthalate	20.34	149	625529	33.00	ng	93
80) Benzo(a)anthracene	21.19	228	1236345	30.85	ng	99
81) 3,3'-Dichlorobenzidine	21.12	252	302967	20.85	ng	99
82) Chrysene	21.23	228	1146147	30.03	ng	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	857638	32.86	ng	99
84) Di-n-octyl phthalate	22.00	149	1403413	34.14	ng	# 91
85) Indeno(1,2,3-cd)pyrene	25.66	276	1392819	30.17	ng	99
87) Benzo(b)fluoranthene	22.75	252	1283609	31.74	ng	98
88) Benzo(k)fluoranthene	22.79	252	1186776	29.39	ng	100
89) Benzo(a)pyrene	23.32	252	1191587	31.63	ng	98
90) Dibenzo(a,h)anthracene	25.68	278	1188614	30.43	ng	98
91) Benzo(g,h,i)perylene	26.35	276	1144349	30.38	ng	98

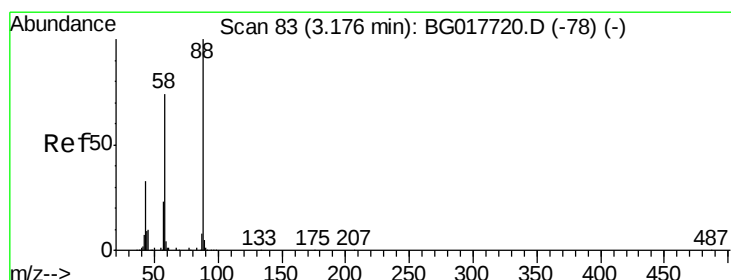
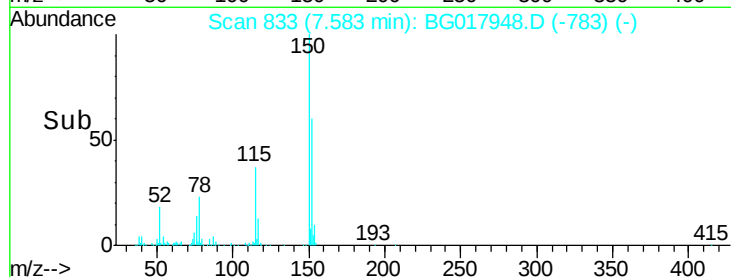
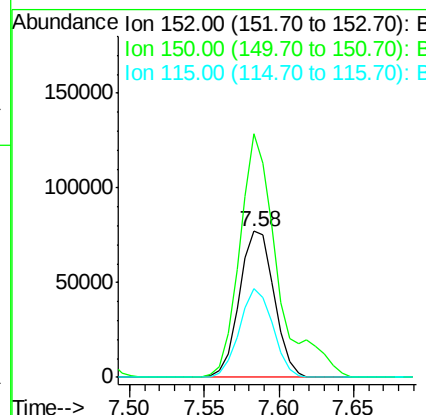
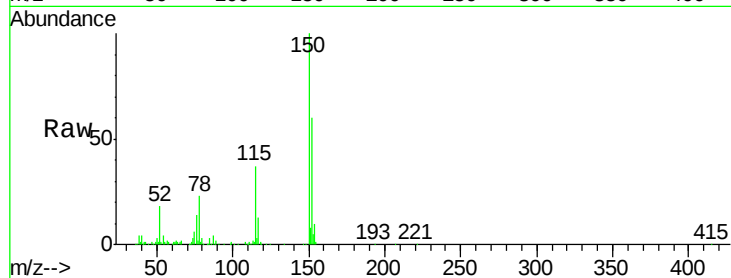
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.58 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

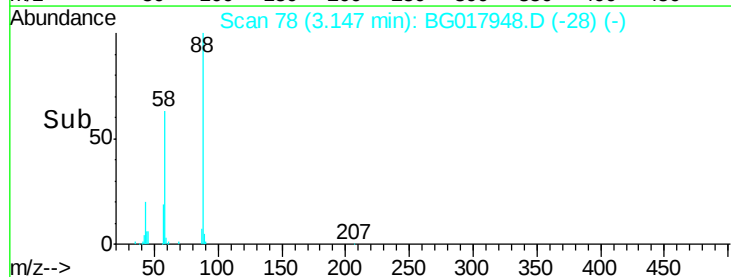
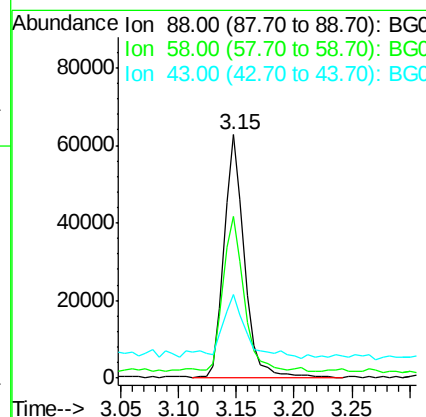
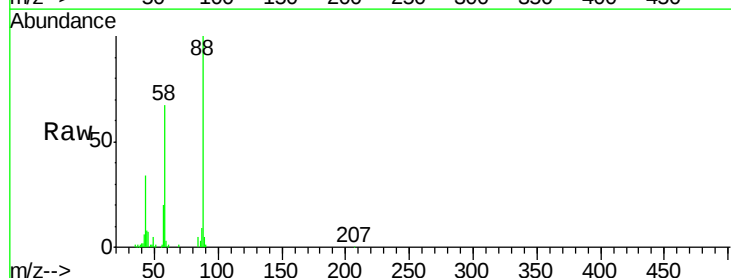
Instrument :
 BNA_G
 ClientSampleId :
 PB84497BS

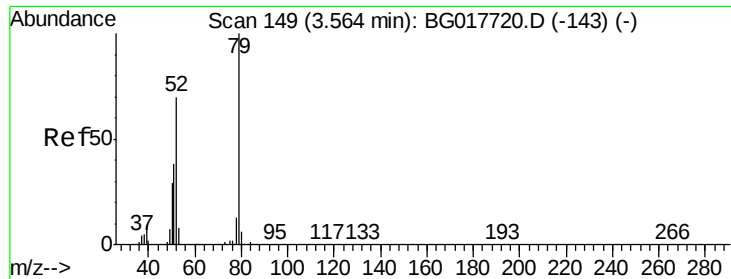
Tgt Ion: 152 Resp: 125337
 Ion Ratio Lower Upper
 152 100
 150 166.6 119.1 178.7
 115 60.8 47.0 70.4



#2
 1,4-Dioxane
 Concen: 24.48 ng
 RT: 3.15 min Scan# 78
 Delta R.T. -0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

Tgt Ion: 88 Resp: 77310
 Ion Ratio Lower Upper
 88 100
 58 62.8 55.8 83.8
 43 28.4 27.4 41.2





#3

Pyridine

Concen: 24.58 ng

RT: 3.52 min Scan# 142

Delta R.T. -0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

Instrument :

BNA_G

ClientSampleId :

PB84497BS

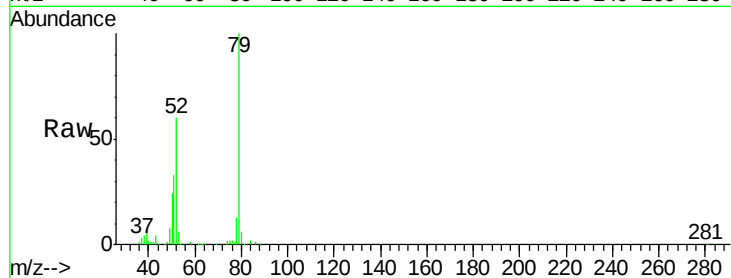
Tgt Ion: 79 Resp: 207429

Ion Ratio Lower Upper

79 100

52 60.1 55.7 83.5

51 33.0 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

3.52

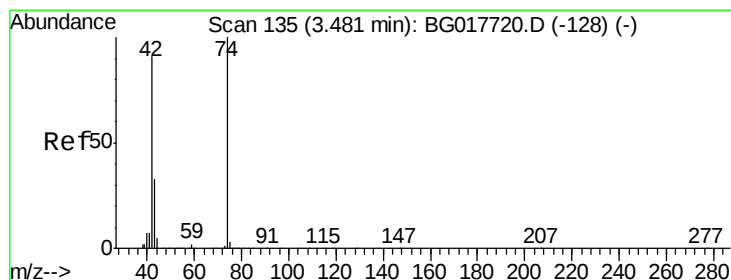
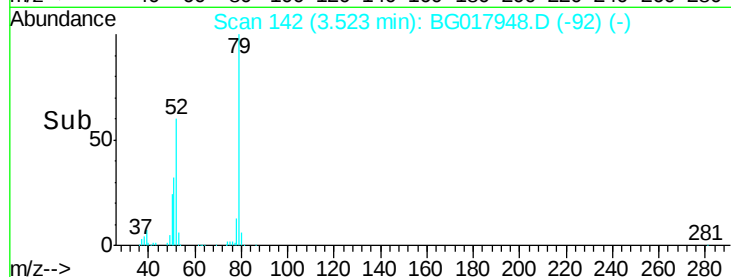
150000

100000

50000

0

Time-->



#4

n-Nitrosodimethylamine

Concen: 26.85 ng

RT: 3.45 min Scan# 129

Delta R.T. -0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

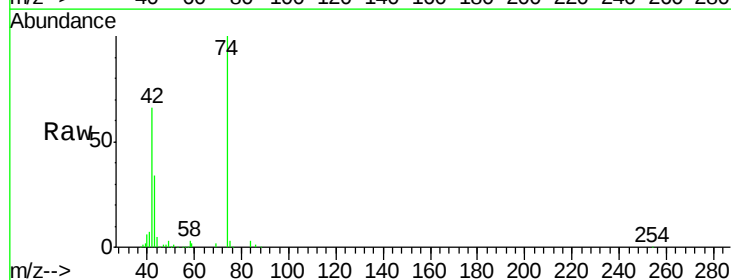
Tgt Ion: 42 Resp: 86016

Ion Ratio Lower Upper

42 100

74 150.9 87.4 131.2#

44 7.1 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

120000

100000

80000

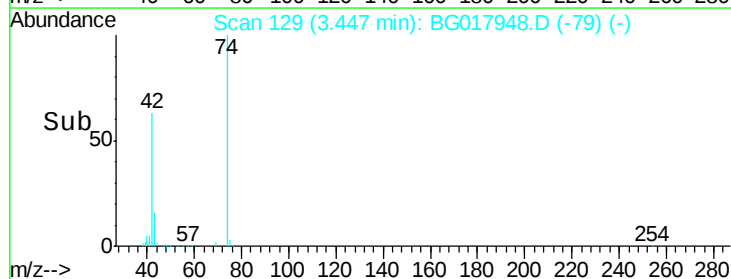
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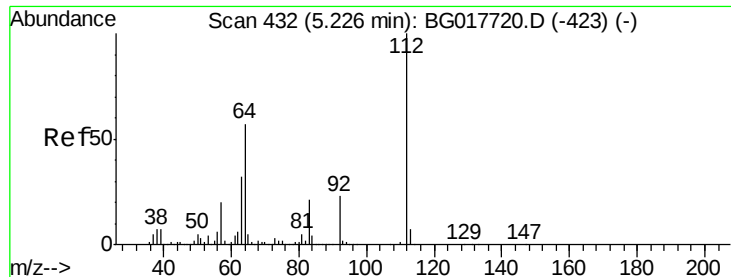
40000

20000

0

Time-->





#5

2-Fluorophenol

Concen: 102.13 ng

RT: 5.19 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

Instrument :

BNA_G

ClientSampleId :

PB84497BS

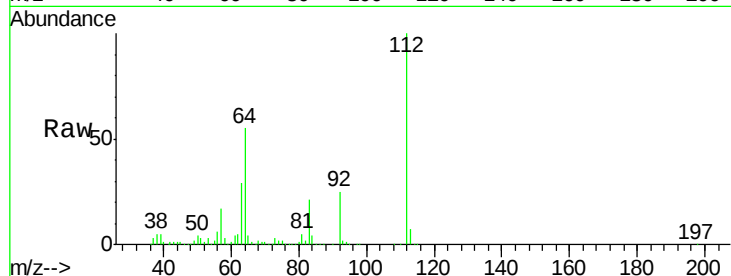
Tgt Ion: 112 Resp: 733800

Ion Ratio Lower Upper

112 100

64 55.4 45.4 68.0

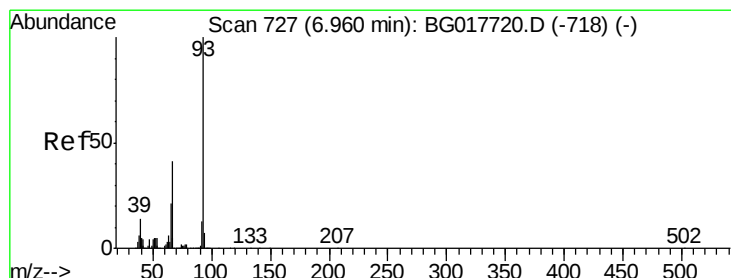
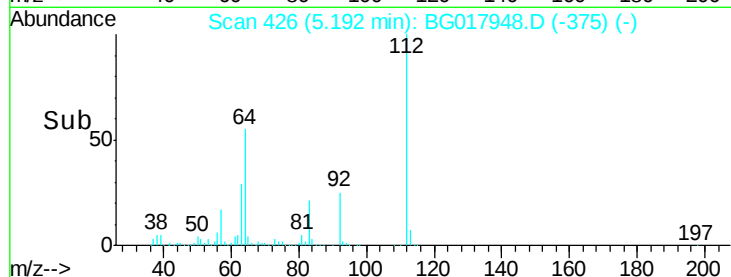
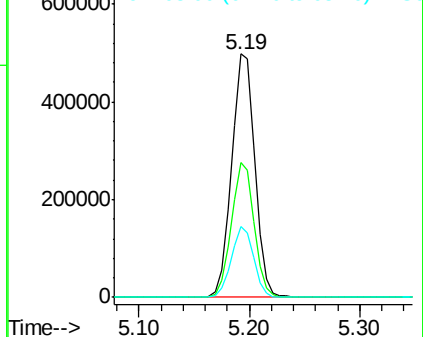
63 29.1 25.3 37.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.43 ng

RT: 6.92 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

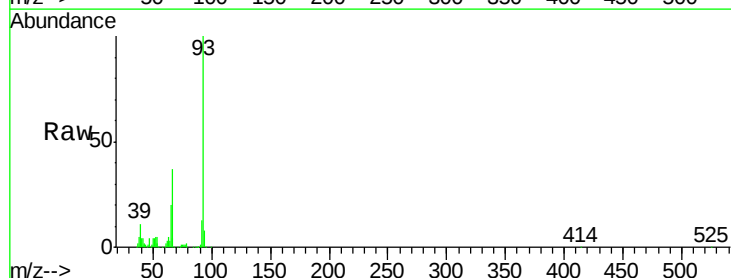
Tgt Ion: 93 Resp: 268934

Ion Ratio Lower Upper

93 100

66 37.0 32.7 49.1

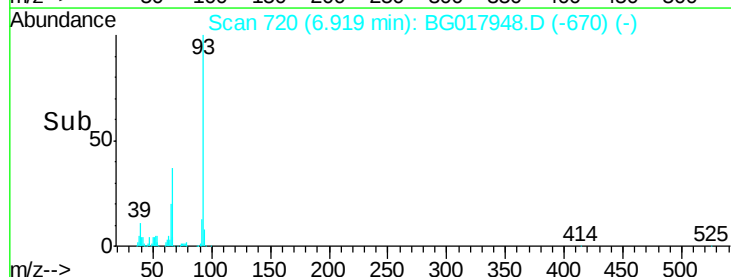
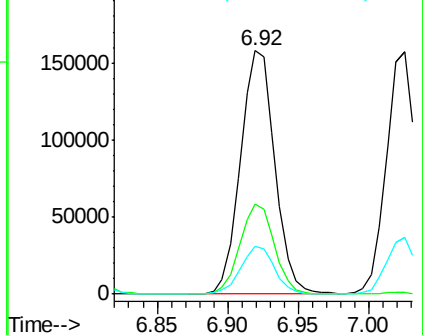
65 19.6 17.0 25.6

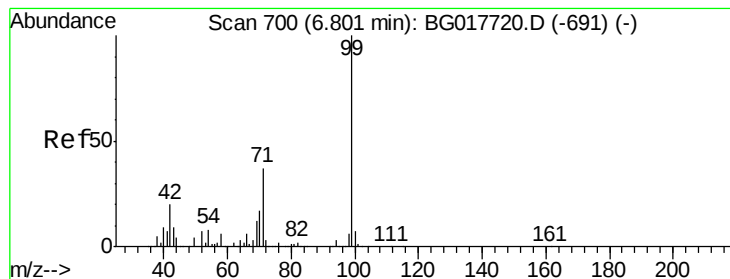


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 100.86 ng

RT: 6.77 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

Instrument :

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PB84497BS

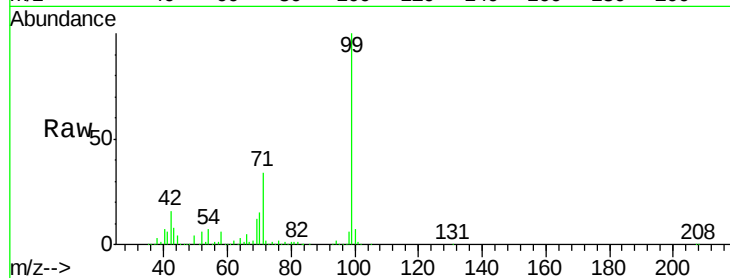
Tgt Ion: 99 Resp: 949373

Ion Ratio Lower Upper

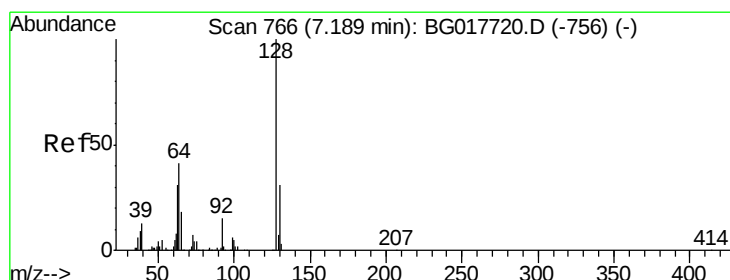
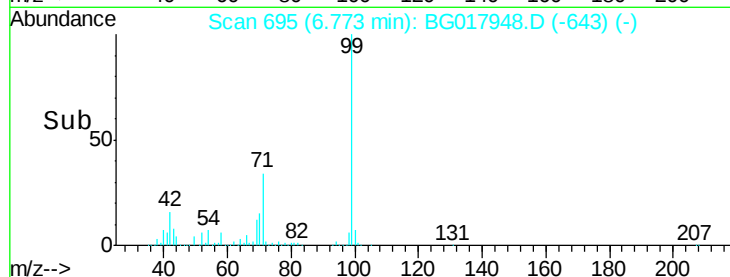
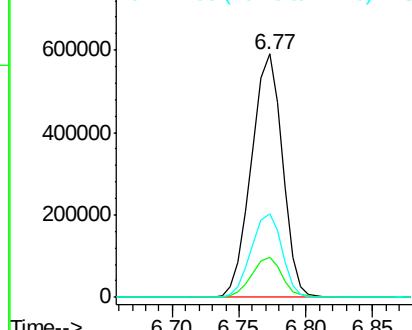
99 100

42 16.4 16.2 24.4

71 34.5 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: 32.54 ng

RT: 7.15 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

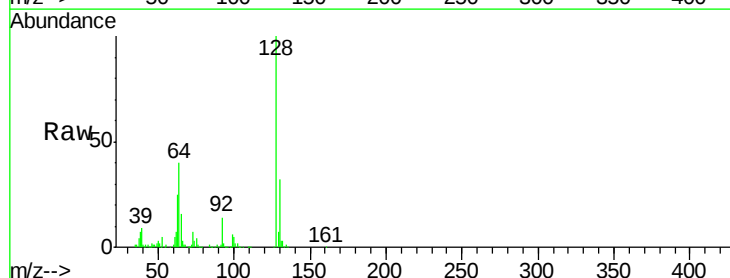
Tgt Ion: 128 Resp: 275635

Ion Ratio Lower Upper

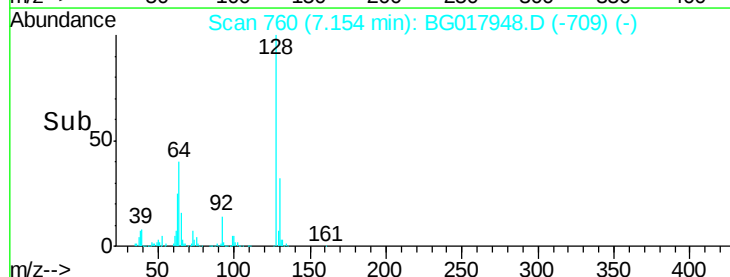
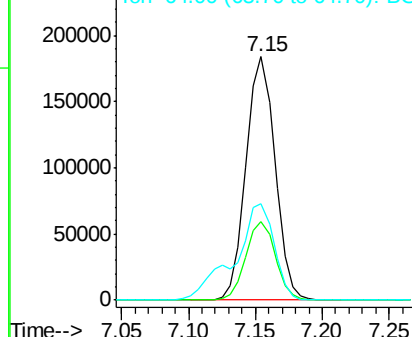
128 100

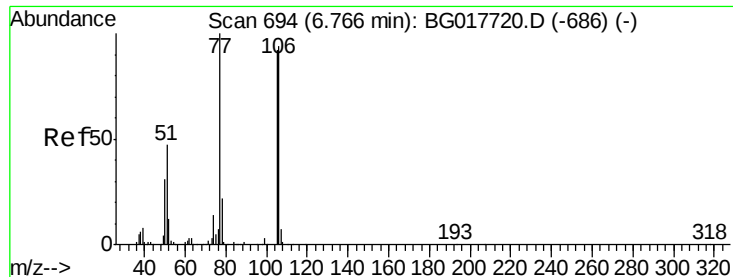
130 32.3 11.1 51.1

64 39.5 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: 8.79 ng

RT: 6.73 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

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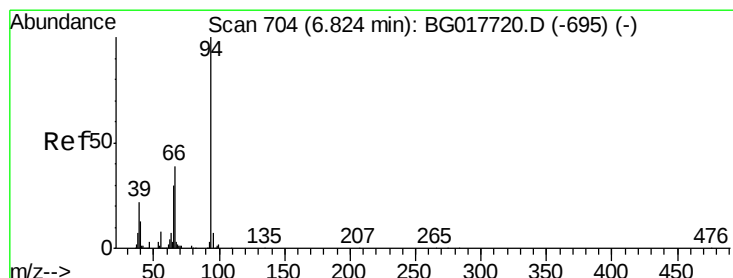
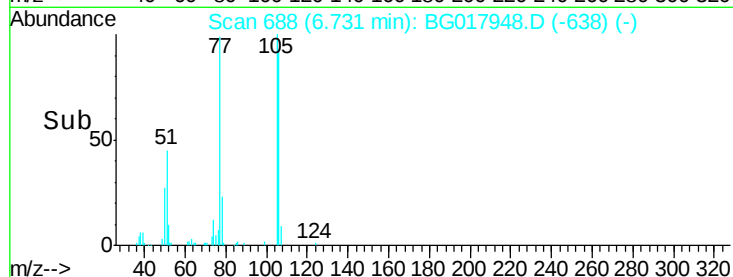
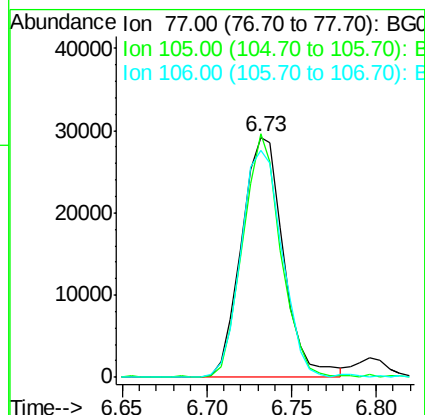
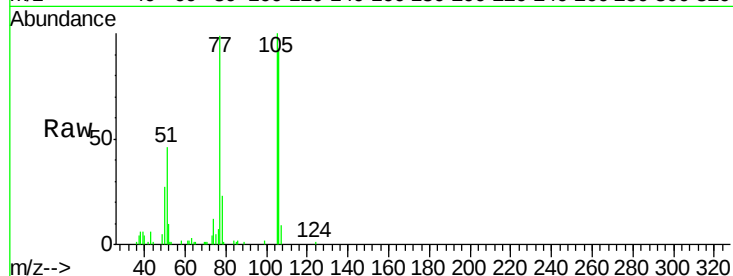
Tgt Ion: 77 Resp: 50698

Ion Ratio Lower Upper

77 100

105 101.5 71.8 111.8

106 94.5 74.5 114.5



#10

Phenol

Concen: 33.09 ng

RT: 6.80 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

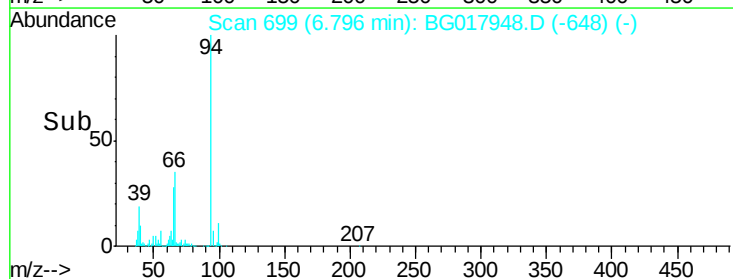
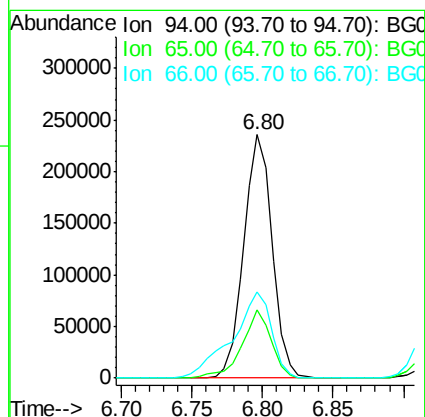
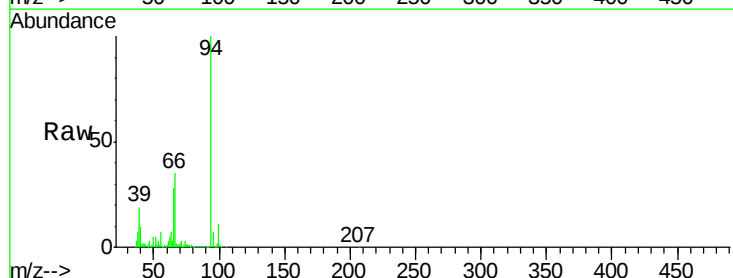
Tgt Ion: 94 Resp: 332416

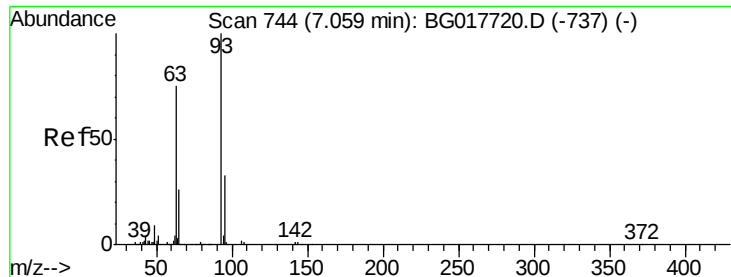
Ion Ratio Lower Upper

94 100

65 28.1 9.9 49.9

66 35.3 19.4 59.4



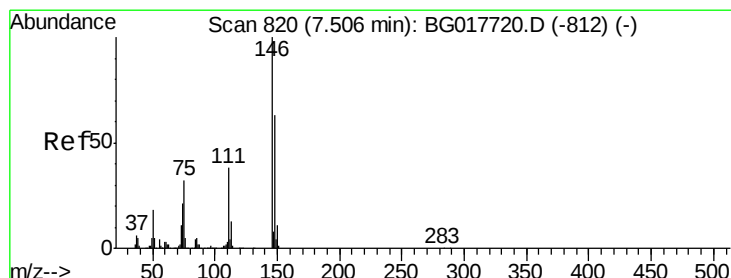
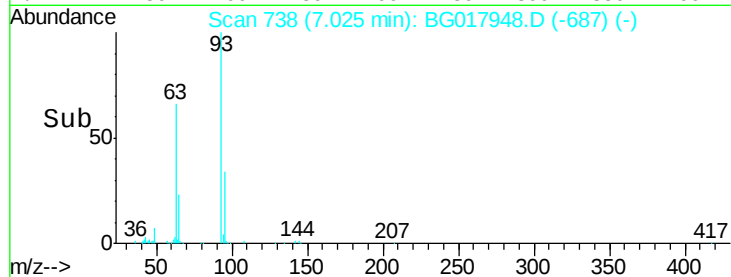
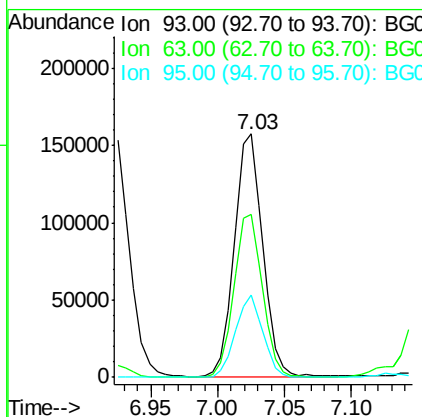
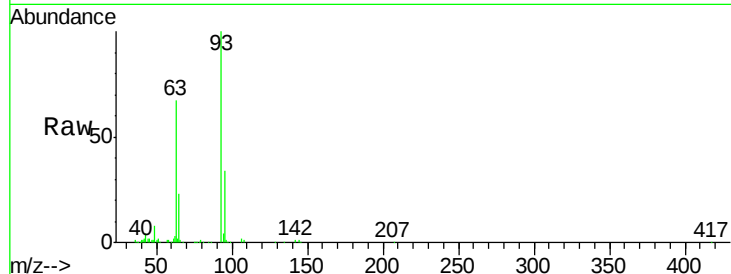


#11
bis(2-Chloroethyl)ether
Concen: 29.49 ng
RT: 7.03 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

Instrument :
BNA_G
ClientSampleId :
PB84497BS

Tgt Ion: 93 Resp: 231740

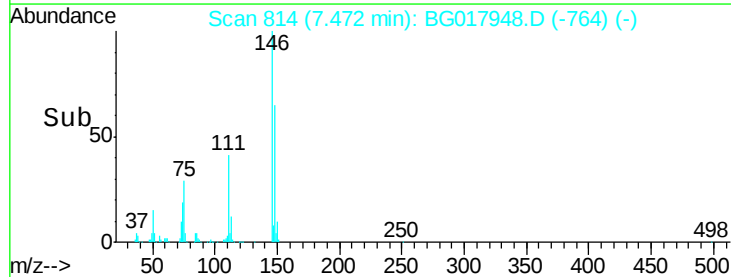
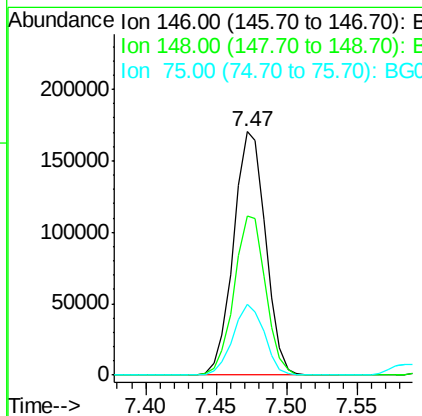
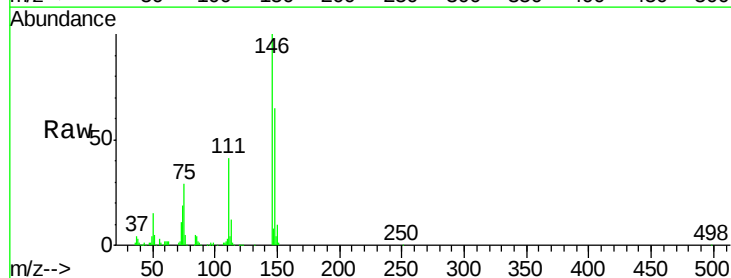
Ion	Ratio	Lower	Upper
93	100		
63	66.8	54.7	94.7
95	33.8	13.2	53.2



#12
1,3-Dichlorobenzene
Concen: 28.97 ng
RT: 7.47 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

Tgt Ion: 146 Resp: 269486

Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.8	76.2
75	29.0	25.8	38.6

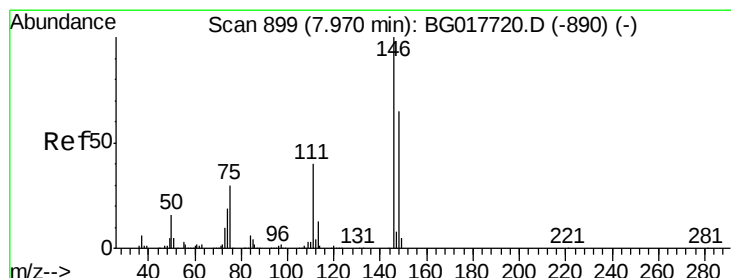
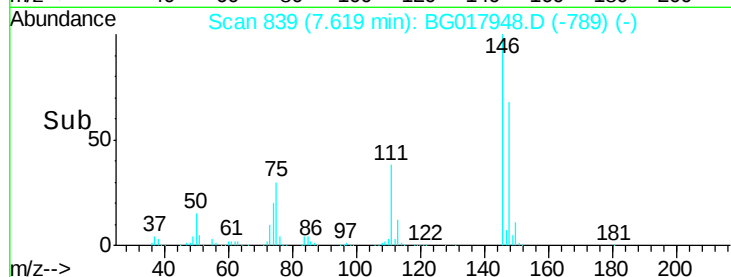
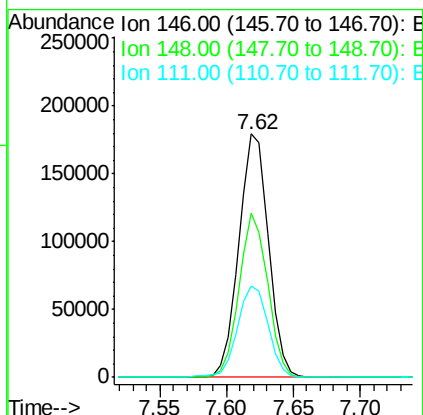
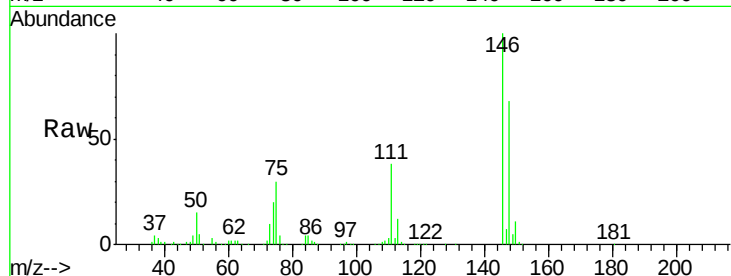




#13
 1,4-Dichlorobenzene
 Concen: 28.81 ng
 RT: 7.62 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

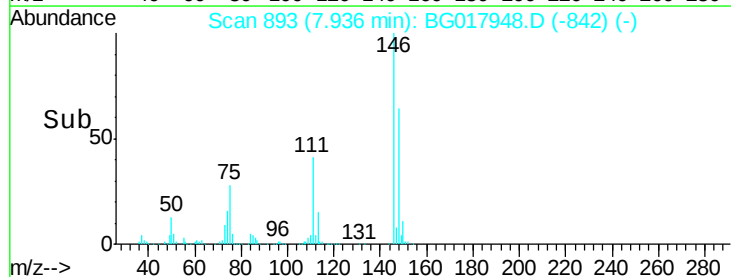
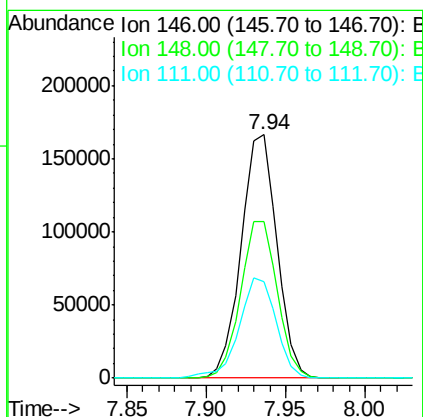
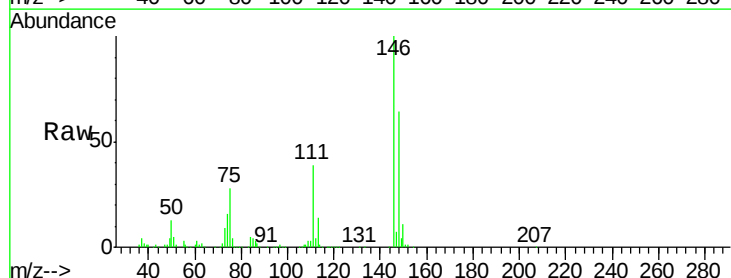
Instrument :
 BNA_G
 ClientSampleId :
 PB84497BS

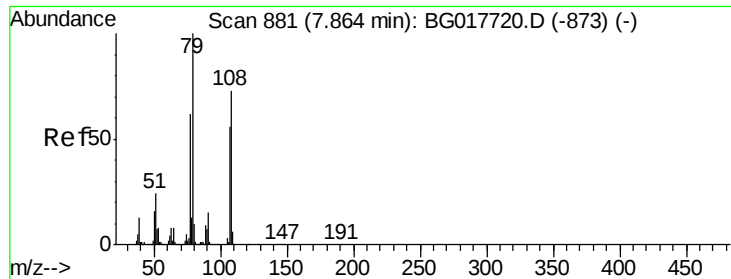
Tgt Ion:146 Resp: 274666
 Ion Ratio Lower Upper
 146 100
 148 67.6 51.8 77.6
 111 37.6 31.0 46.4



#14
 1,2-Dichlorobenzene
 Concen: 28.62 ng
 RT: 7.94 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

Tgt Ion:146 Resp: 260699
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.2 78.4
 111 39.5 32.3 48.5





#15

Benzyl Alcohol

Concen: 30.88 ng

RT: 7.83 min Scan# 875

Delta R.T. 0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

Instrument :

BNA_G

ClientSampleId :

PB84497BS

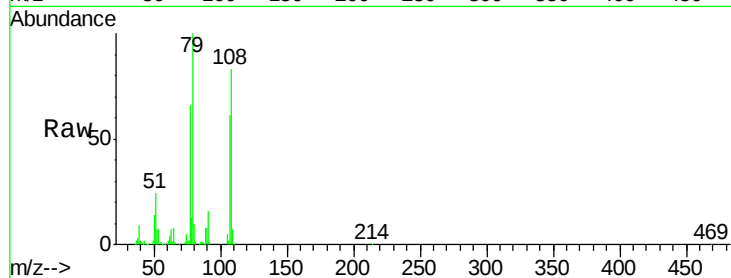
Tgt Ion: 79 Resp: 214985

Ion Ratio Lower Upper

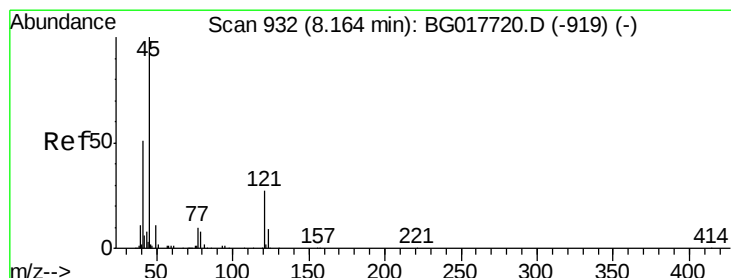
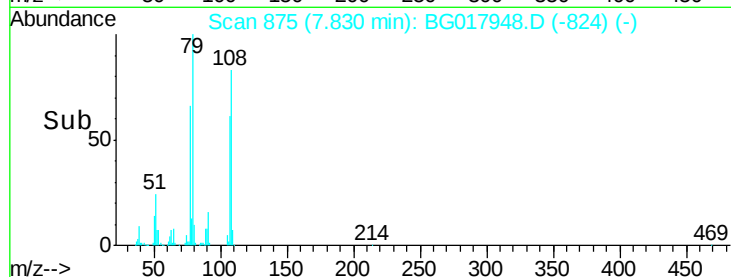
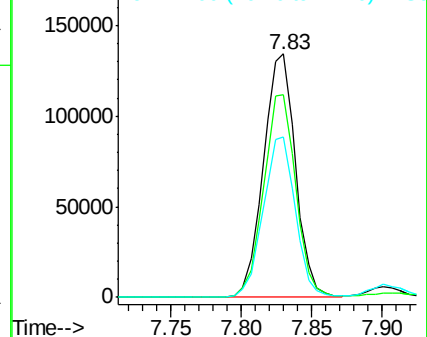
79 100

108 83.1 58.4 87.6

77 65.8 49.9 74.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.75 ng

RT: 8.12 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

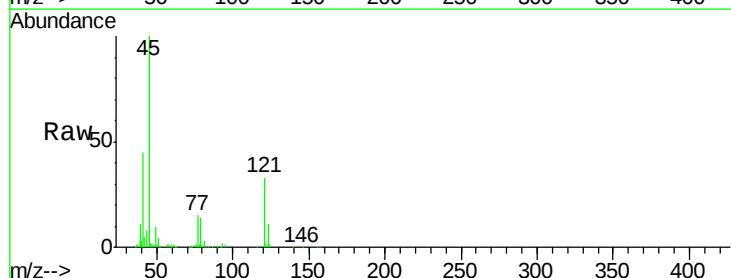
Tgt Ion: 45 Resp: 272188

Ion Ratio Lower Upper

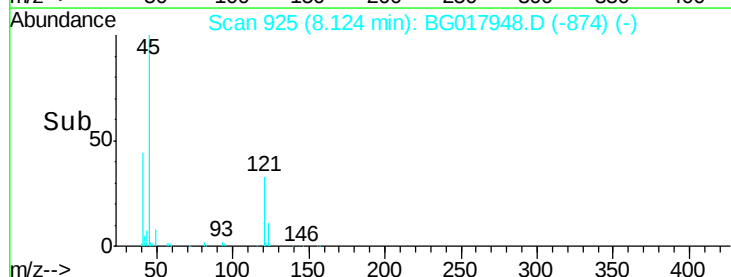
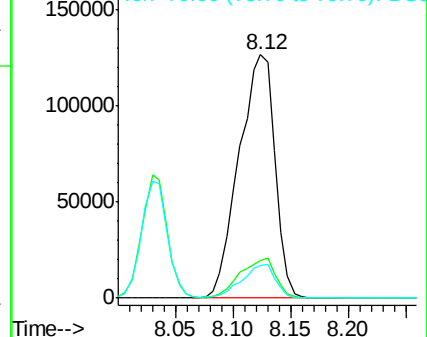
45 100

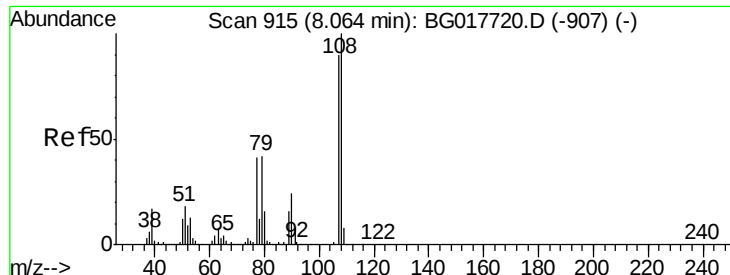
77 15.4 0.0 33.9

79 13.5 0.0 31.4



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

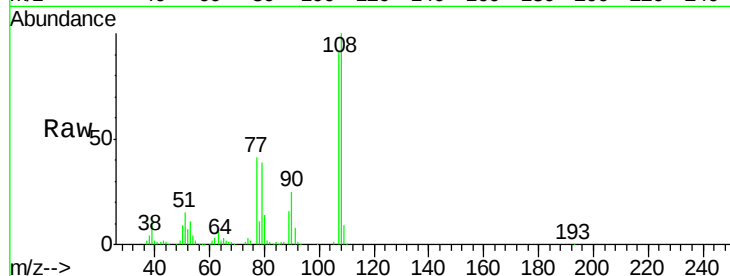




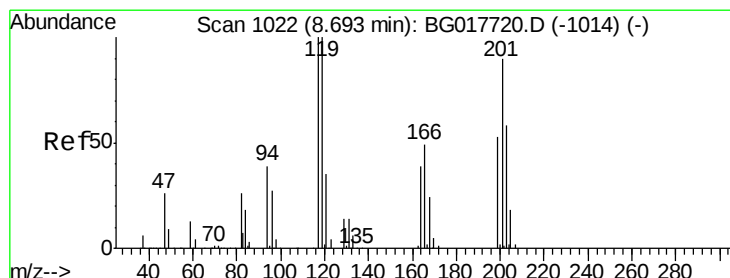
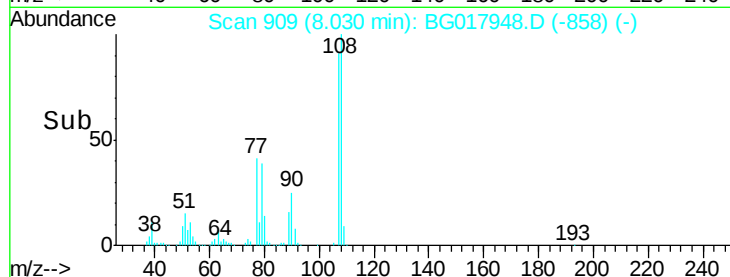
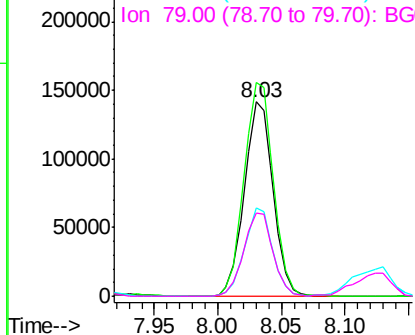
#17
2-Methylphenol
Concen: 31.93 ng
RT: 8.03 min Scan# 909
Delta R.T. 0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

Instrument :
BNA_G
ClientSampleId :
PB84497BS

Tgt Ion:	107	Resp:	223653
Ion	Ratio	Lower	Upper
107	100		
108	110.0	89.3	133.9
77	45.3	36.9	55.3
79	43.0	37.6	56.4

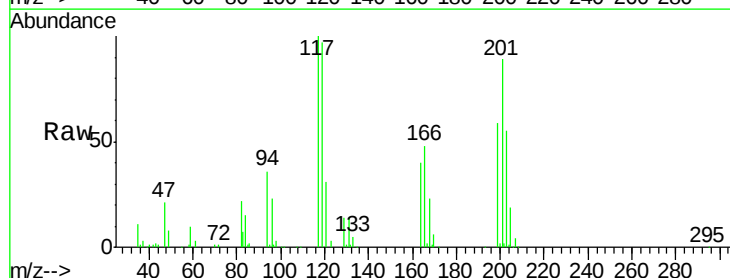


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

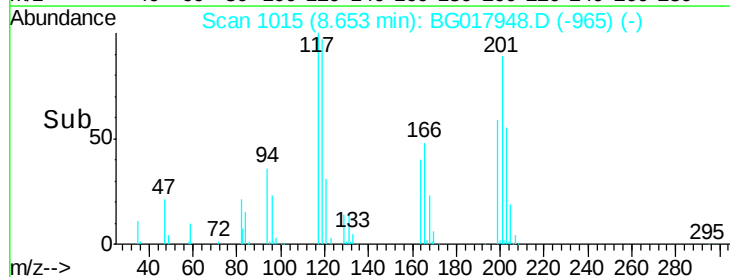
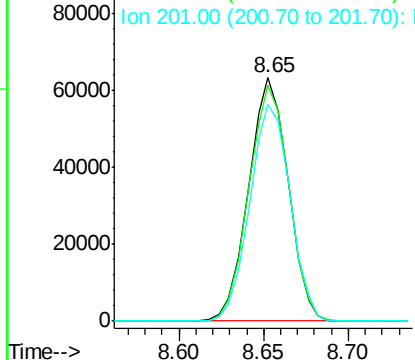


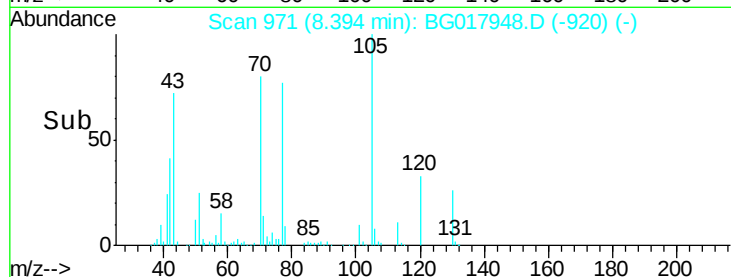
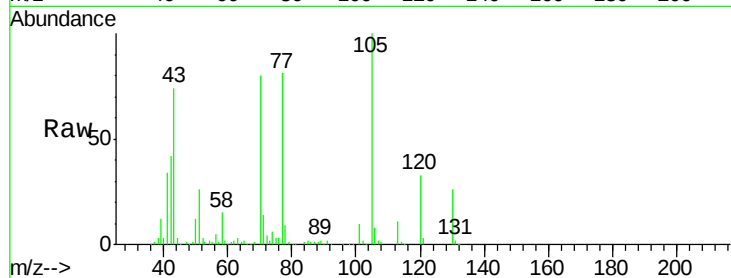
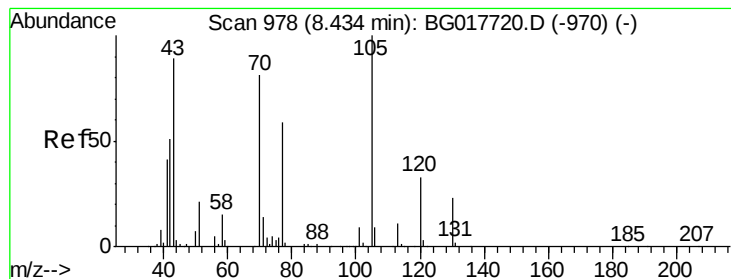
#18
Hexachloroethane
Concen: 28.44 ng
RT: 8.65 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

Tgt Ion:	117	Resp:	102398
Ion	Ratio	Lower	Upper
117	100		
119	97.0	80.1	120.1
201	89.2	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





#19

n-Nitroso-di-n-propylamine

Concen: 27.09 ng

RT: 8.39 min Scan# 971

Delta R.T. 0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

Instrument :

BNA_G

ClientSampleId :

PB84497BS

Tgt Ion: 70 Resp: 186169

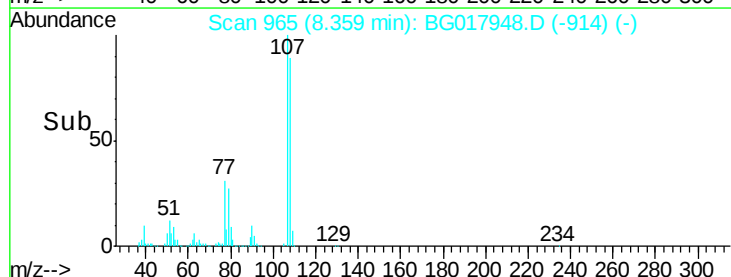
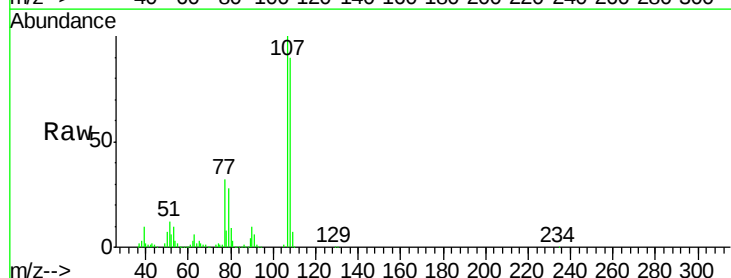
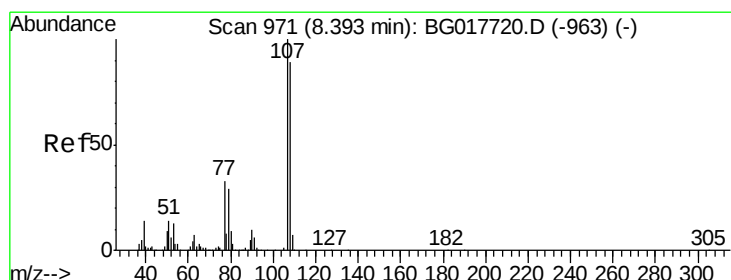
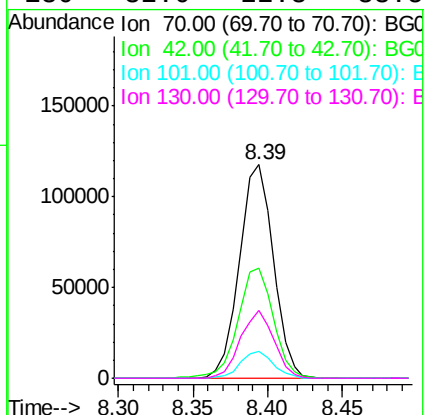
Ion Ratio Lower Upper

70 100

42 51.7 50.8 76.2

101 12.3 8.7 13.1

130 32.0 22.3 33.5



#20

3+4-Methylphenols

Concen: 31.67 ng

RT: 8.36 min Scan# 965

Delta R.T. 0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

Tgt Ion: 107 Resp: 300258

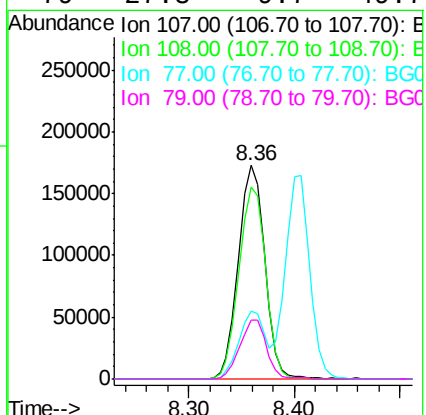
Ion Ratio Lower Upper

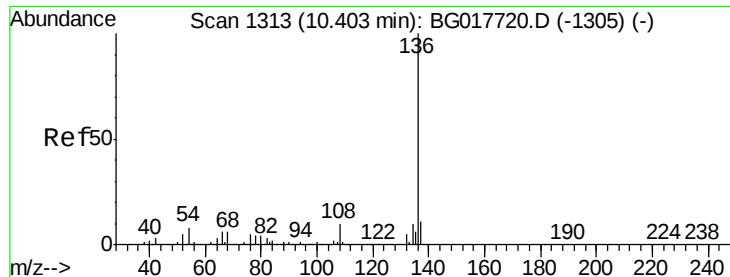
107 100

108 90.0 69.6 109.6

77 31.7 13.0 53.0

79 27.8 9.7 49.7

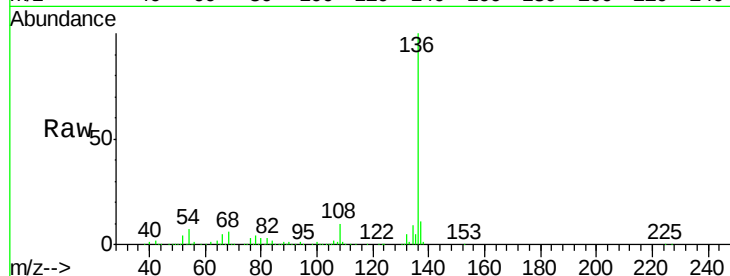




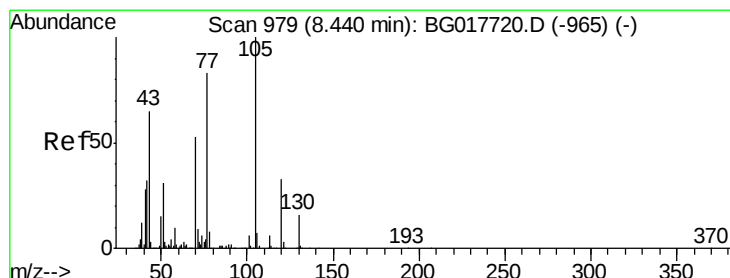
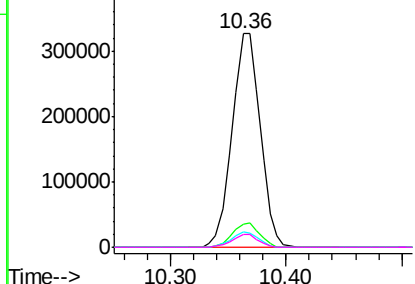
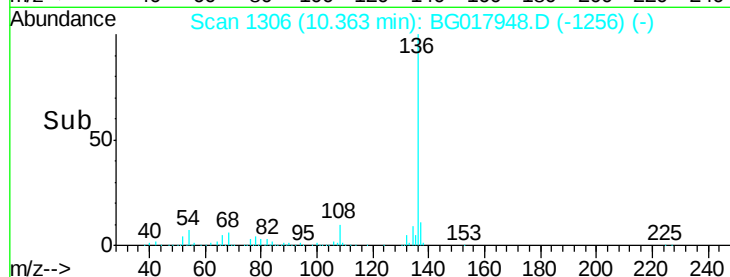
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.36 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

Instrument :
BNA_G
ClientSampleId :
PB84497BS

Tgt Ion:	136	Resp:	550812
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.4	6.6	9.8
68	5.9	5.1	7.7

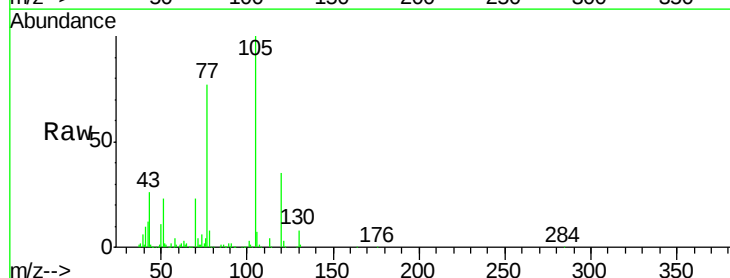


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

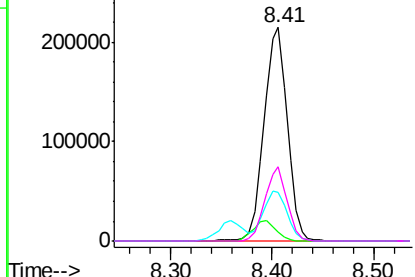
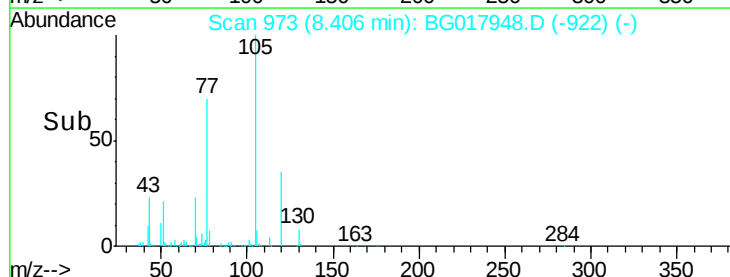


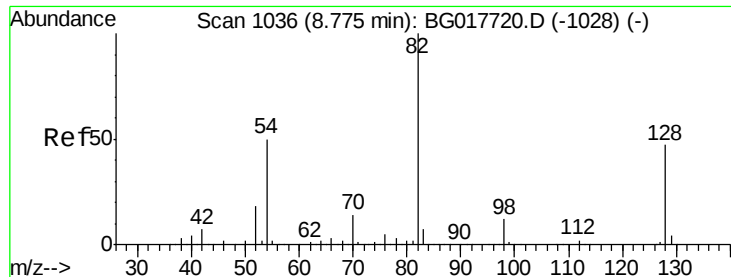
#22
Acetophenone
Concen: 28.81 ng
RT: 8.41 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

Tgt Ion:	105	Resp:	342807
Ion	Ratio	Lower	Upper
105	100		
71	4.0	7.7	11.5#
51	22.8	24.9	37.3#
120	34.9	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

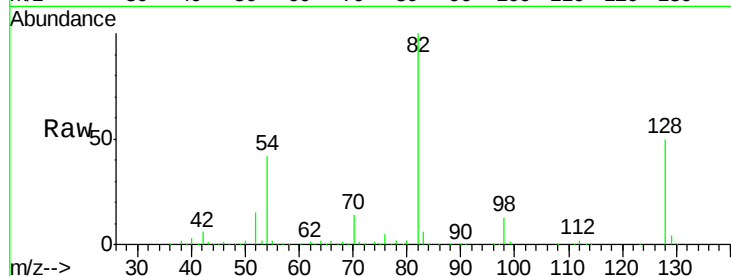




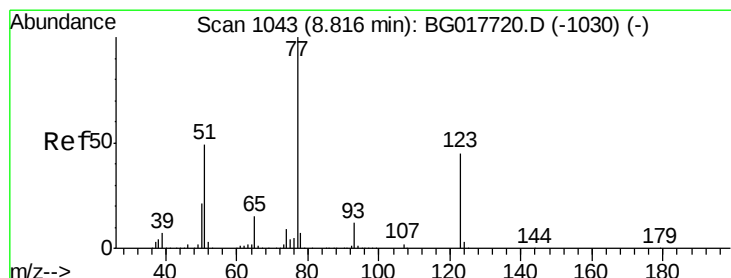
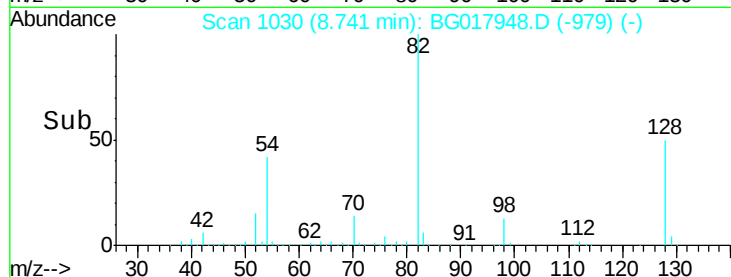
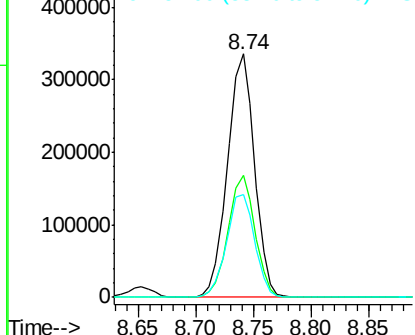
#23
 Nitrobenzene-d5
 Concen: 63.96 ng
 RT: 8.74 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

Instrument :
 BNA_G
 ClientSampleId :
 PB84497BS

Tgt Ion: 82 Resp: 543923
 Ion Ratio Lower Upper
 82 100
 128 50.0 37.8 56.6
 54 42.2 39.9 59.9

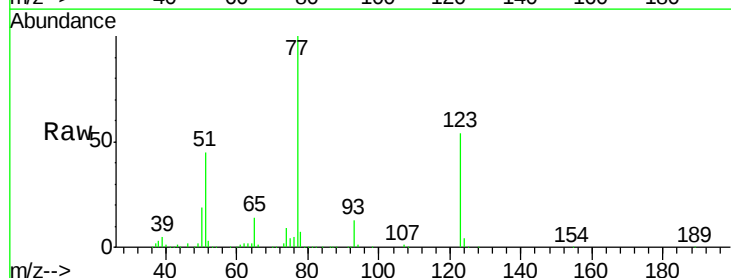


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

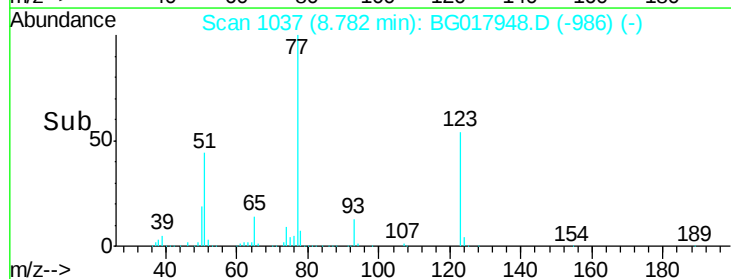
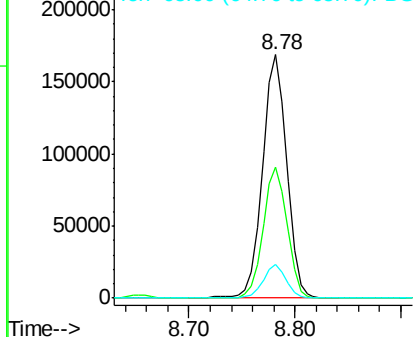


#24
 Nitrobenzene
 Concen: 29.74 ng
 RT: 8.78 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

Tgt Ion: 77 Resp: 269465
 Ion Ratio Lower Upper
 77 100
 123 54.0 36.2 54.2
 65 13.6 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

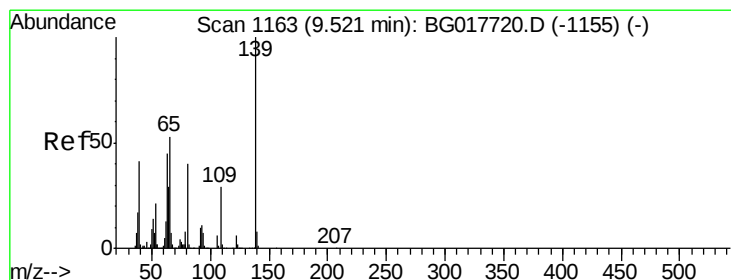
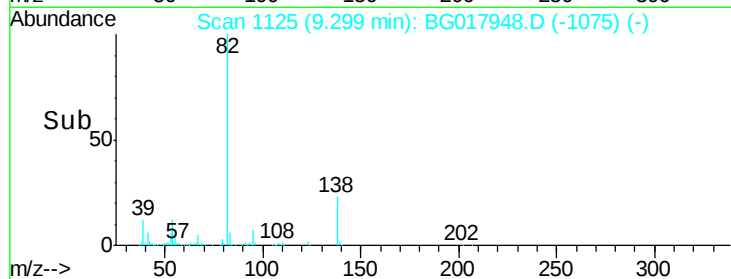
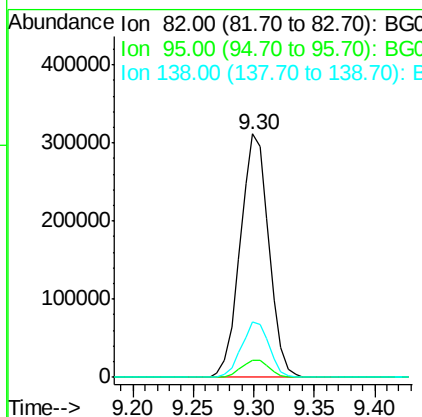
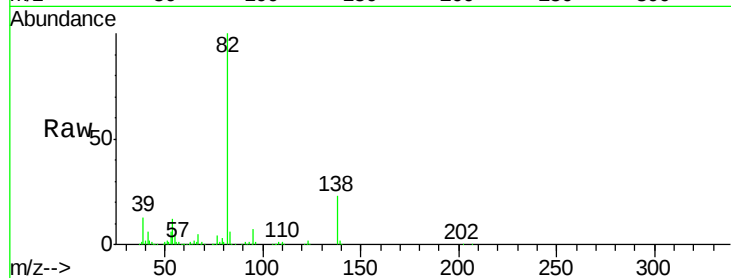




#25
Isophorone
Concen: 28.82 ng
RT: 9.30 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

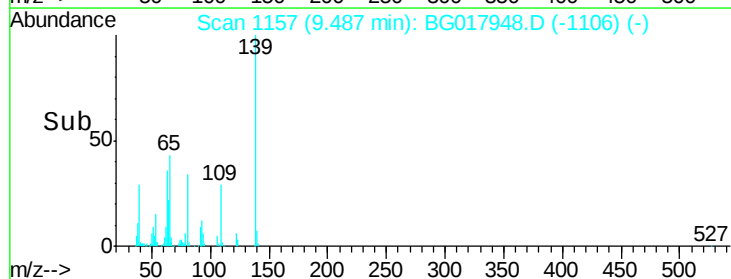
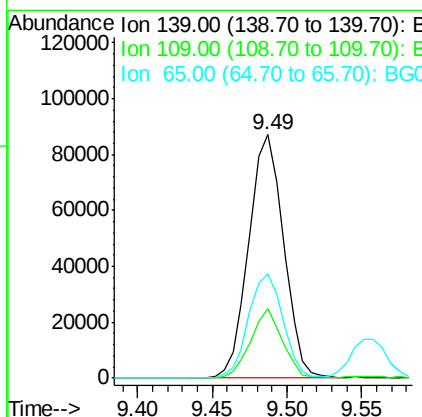
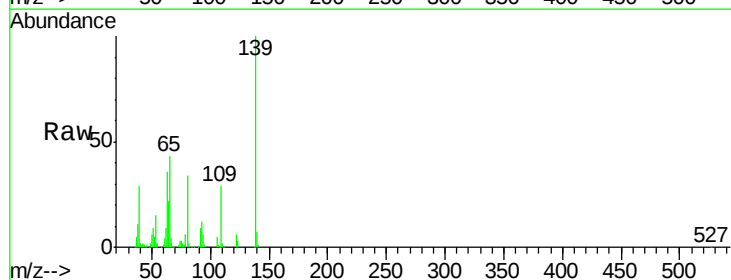
Instrument :
BNA_G
ClientSampleId :
PB84497BS

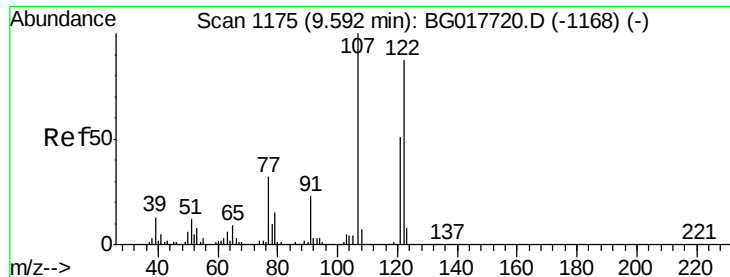
Tgt Ion: 82 Resp: 514020
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.8
138 22.6 17.0 25.6



#26
2-Nitrophenol
Concen: 32.51 ng
RT: 9.49 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

Tgt Ion: 139 Resp: 140560
Ion Ratio Lower Upper
139 100
109 28.5 23.0 34.4
65 42.6 42.0 63.0

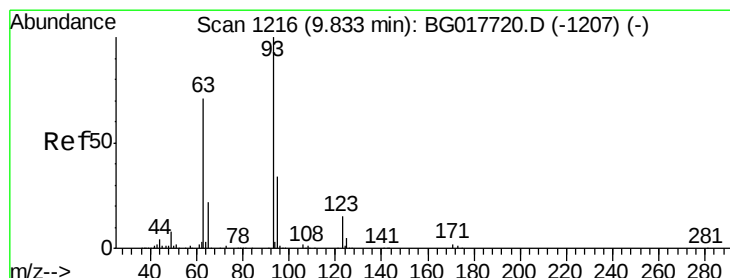
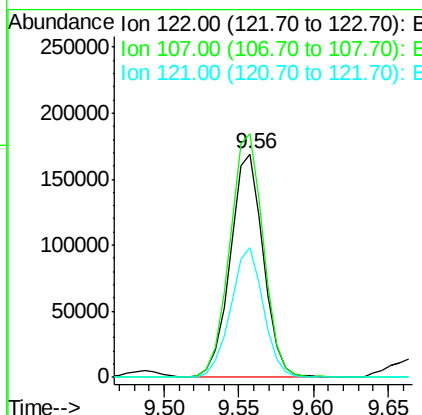
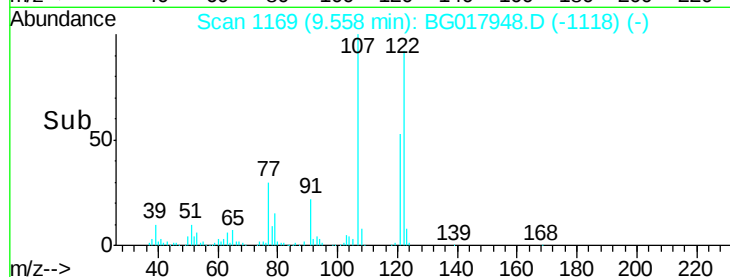
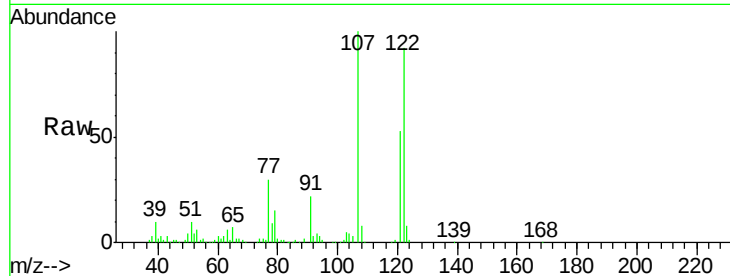




#27
 2,4-Dimethylphenol
 Concen: 33.07 ng
 RT: 9.56 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

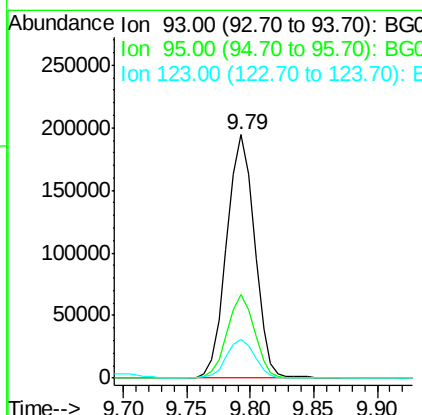
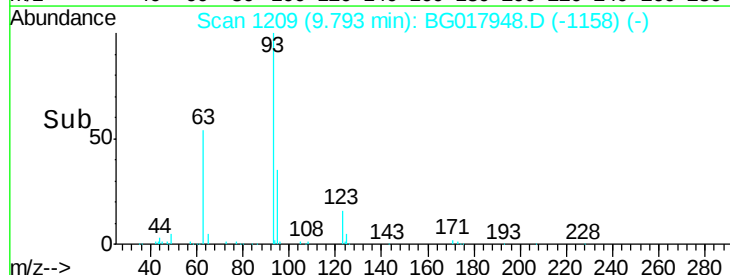
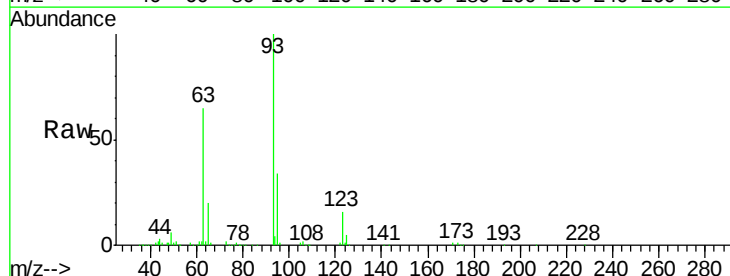
Instrument :
 BNA_G
 ClientSampleId :
 PB84497BS

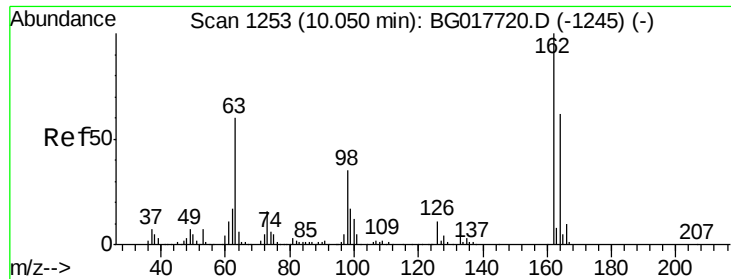
Tgt Ion	Ratio	Lower	Upper
122	100		
107	108.8	92.2	138.2
121	57.7	46.5	69.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 29.92 ng
 RT: 9.79 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	26.9	40.3
123	16.2	12.0	18.0

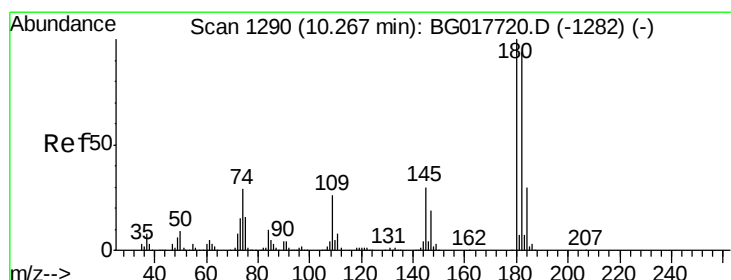
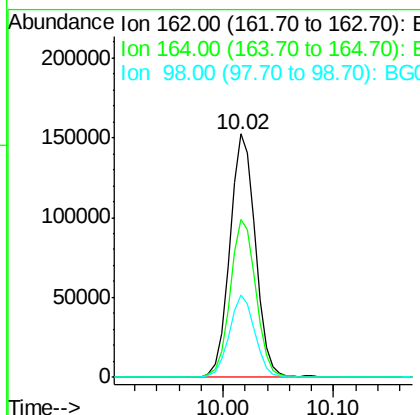
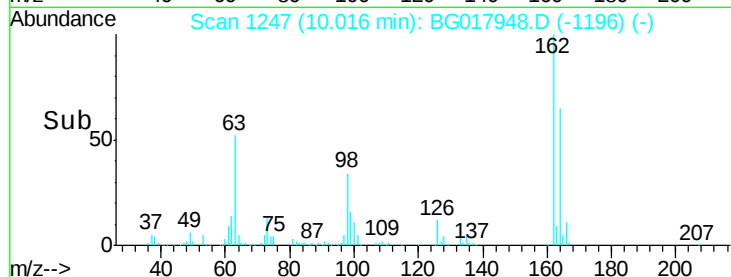
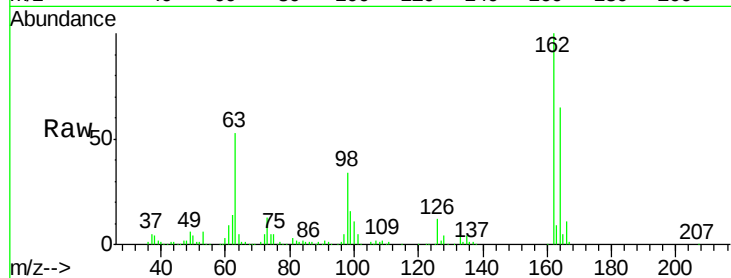




#29
2,4-Dichlorophenol
Concen: 35.27 ng
RT: 10.02 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

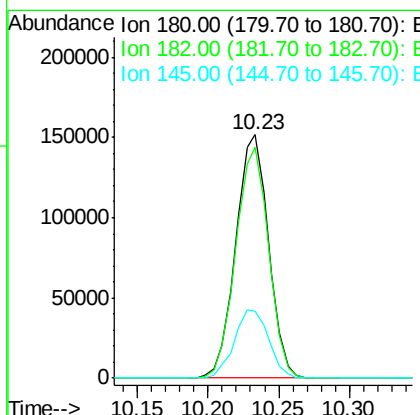
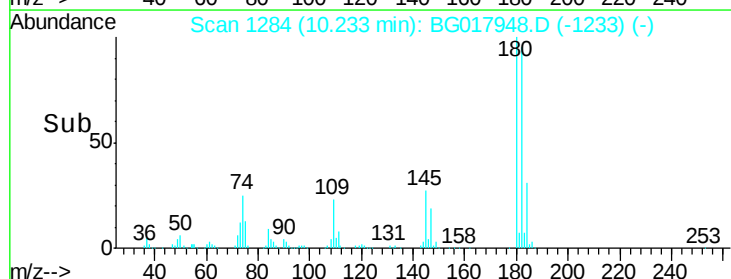
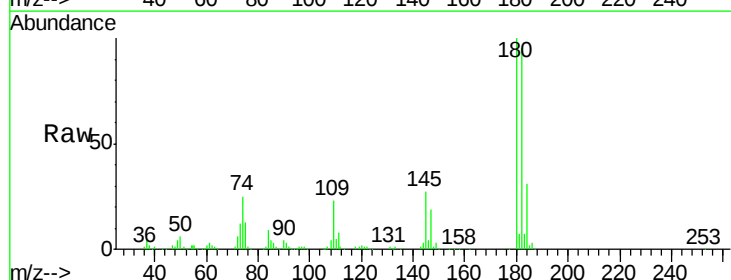
Instrument :
BNA_G
ClientSampleId :
PB84497BS

Tgt Ion:162 Resp: 247089
Ion Ratio Lower Upper
162 100
164 64.7 42.5 82.5
98 33.8 15.1 55.1



#30
1,2,4-Trichlorobenzene
Concen: 29.51 ng
RT: 10.23 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

Tgt Ion:180 Resp: 245672
Ion Ratio Lower Upper
180 100
182 94.9 75.2 112.8
145 27.4 24.1 36.1

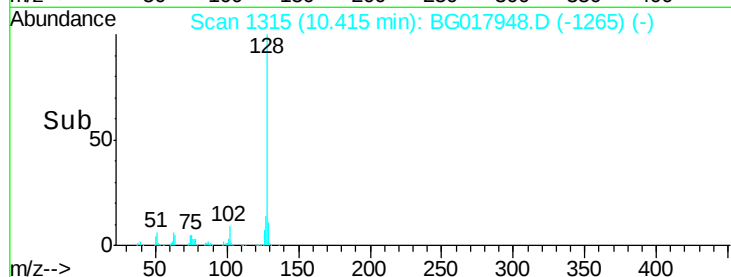
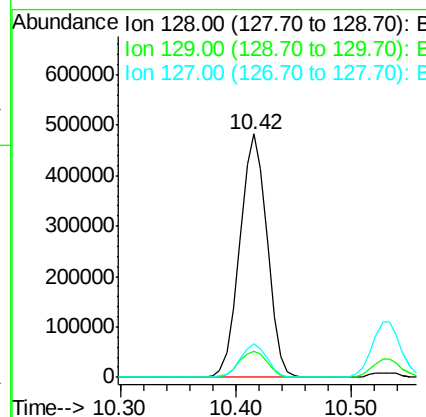
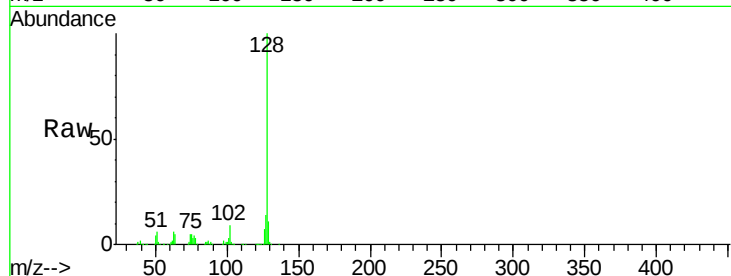




#31
Naphthalene
Concen: 29.26 ng
RT: 10.42 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

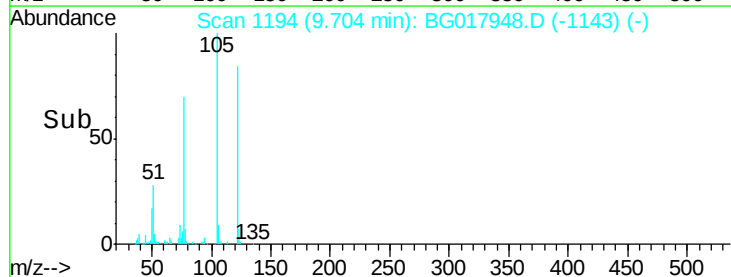
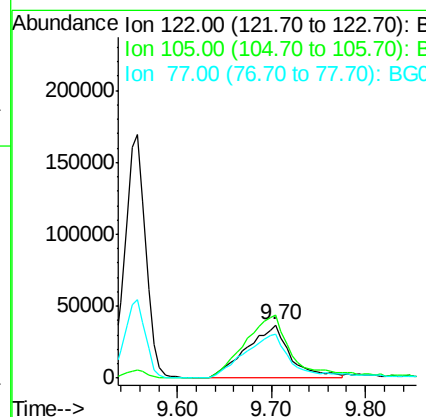
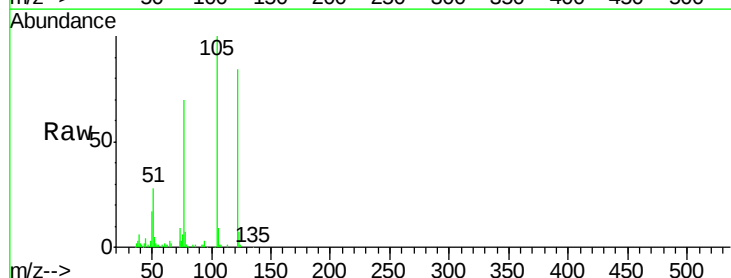
Instrument :
BNA_G
ClientSampleId :
PB84497BS

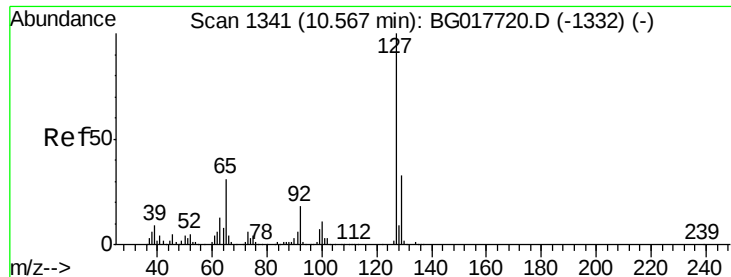
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.8	10.7	16.1



#32
Benzoic acid
Concen: 42.10 ng
RT: 9.70 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.6	111.3	151.3
77	82.7	75.2	115.2

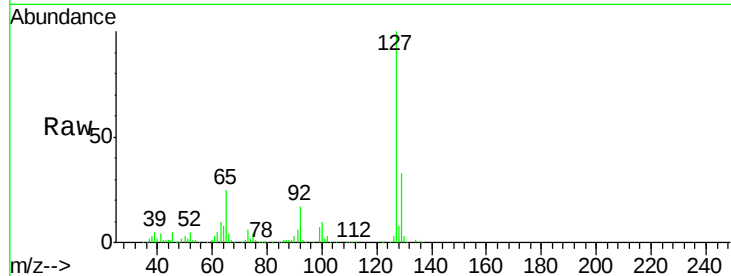




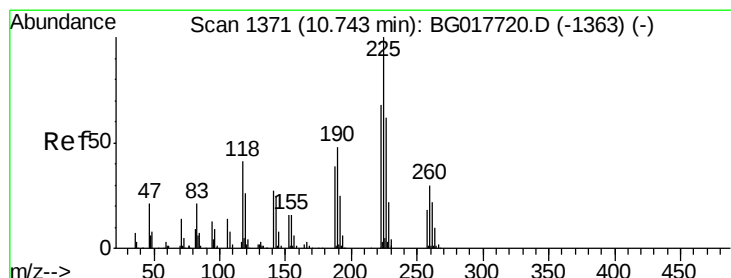
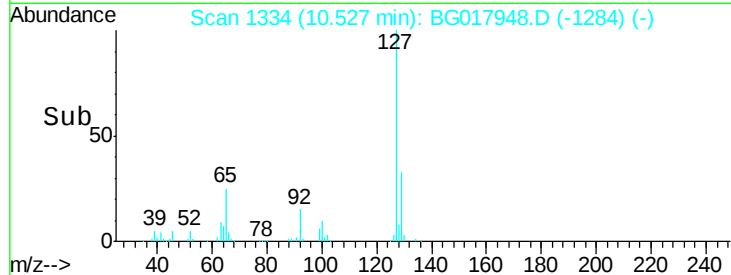
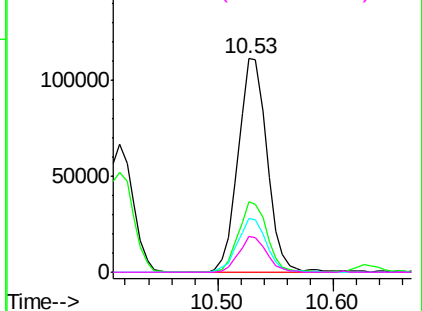
#33
 4-Chloroaniline
 Concen: 16.15 ng
 RT: 10.53 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

Instrument :
 BNA_G
 ClientSampleId :
 PB84497BS

Tgt Ion:	127	Resp:	194059
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.7	40.1
65	25.0	24.6	37.0
92	17.0	14.2	21.4

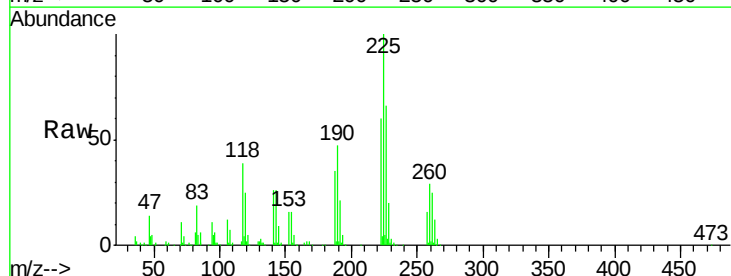


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

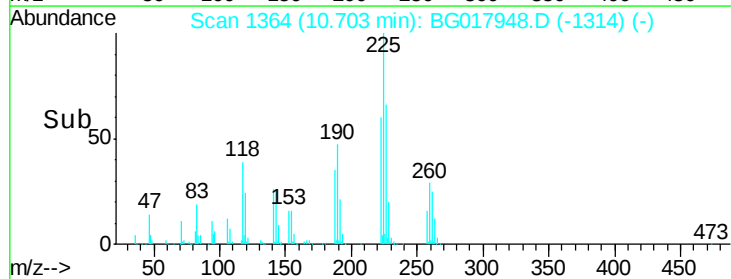
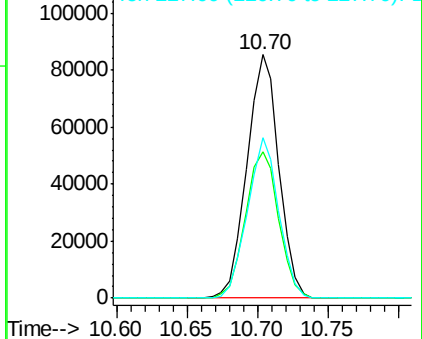


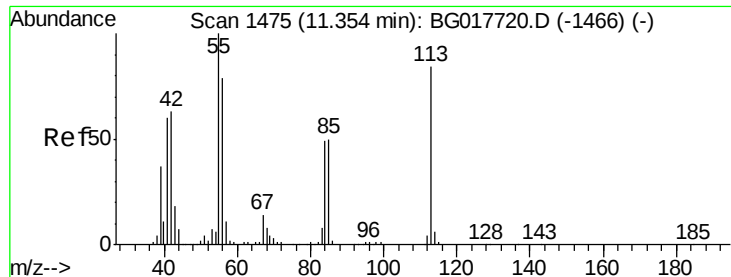
#34
 Hexachlorobutadiene
 Concen: 28.90 ng
 RT: 10.70 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

Tgt Ion:	225	Resp:	135538
Ion	Ratio	Lower	Upper
225	100		
223	60.3	54.3	81.5
227	65.9	49.4	74.0



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





#35

Caprolactam

Concen: 15.94 ng

RT: 11.30 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

Instrument :

BNA_G

ClientSampleId :

PB84497BS

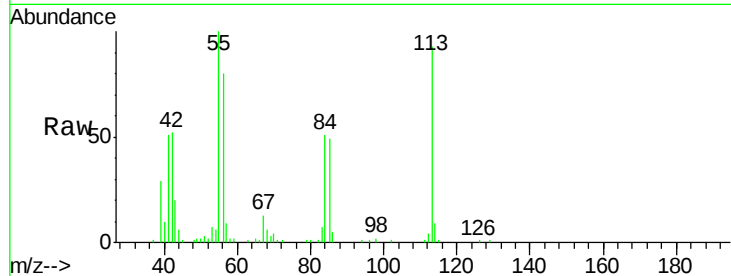
Tgt Ion:113 Resp: 56750

Ion Ratio Lower Upper

113 100

55 107.3 100.8 140.8

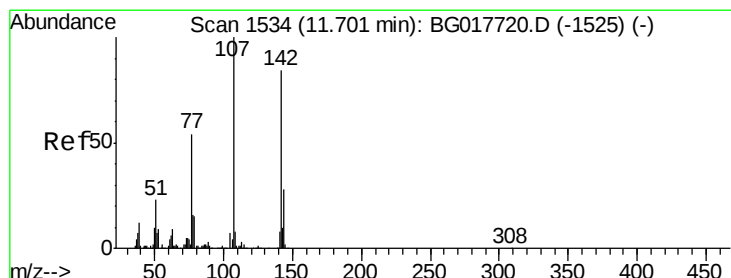
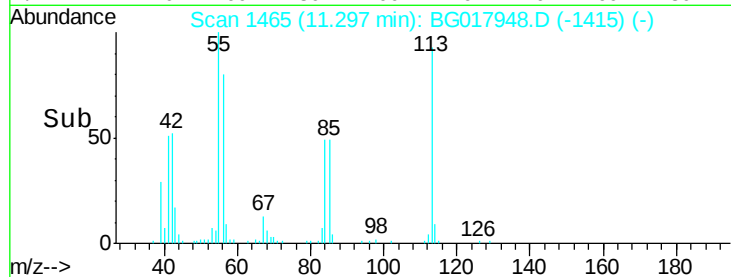
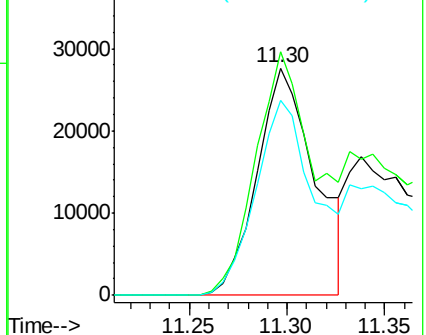
56 85.7 75.5 115.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 34.19 ng

RT: 11.67 min Scan# 1528

Delta R.T. 0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

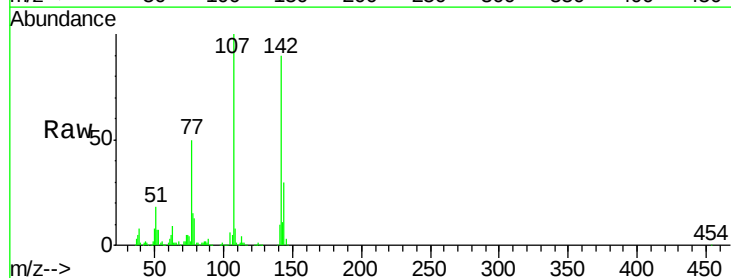
Tgt Ion:107 Resp: 271894

Ion Ratio Lower Upper

107 100

144 30.2 22.2 33.4

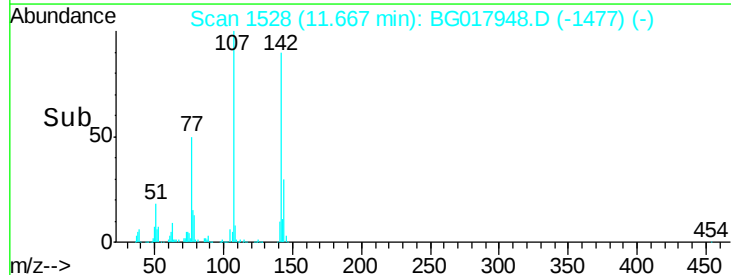
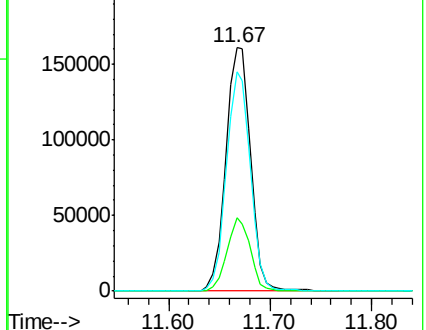
142 90.0 67.1 100.7

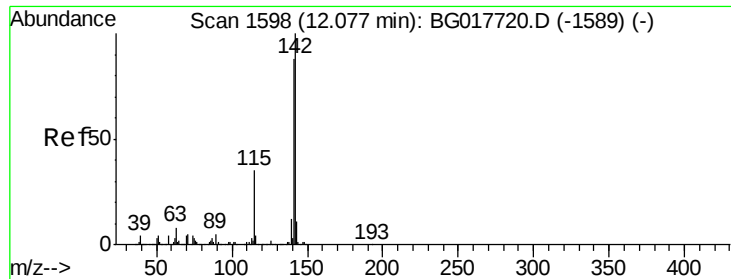


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

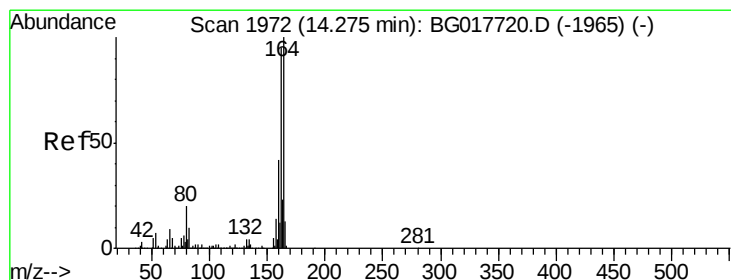
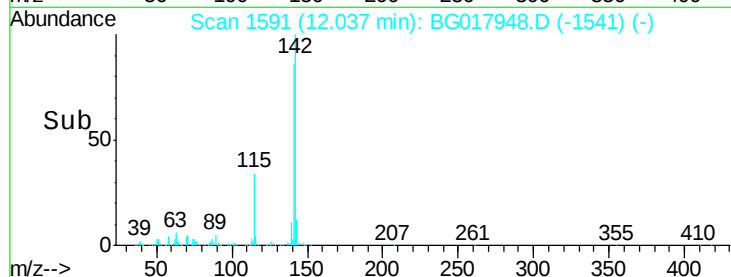
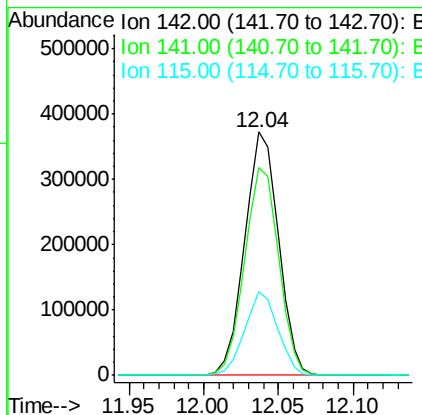
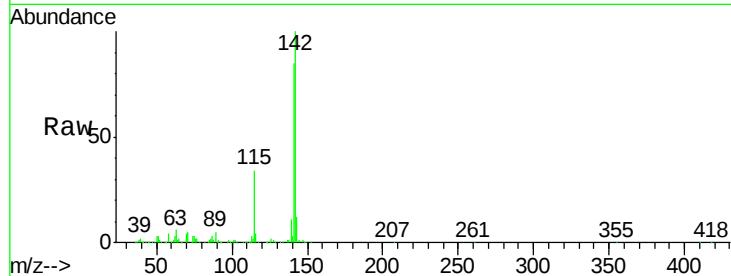




#37
 2-Methylnaphthalene
 Concen: 30.13 ng
 RT: 12.04 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

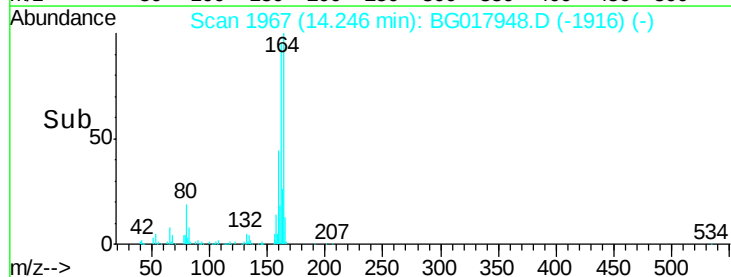
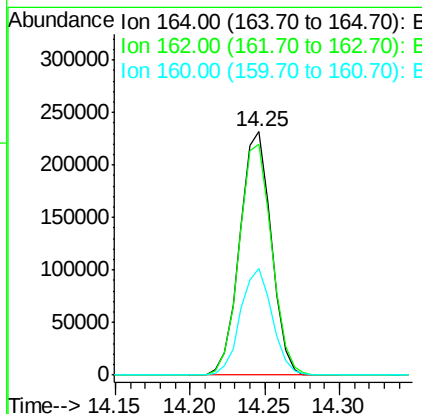
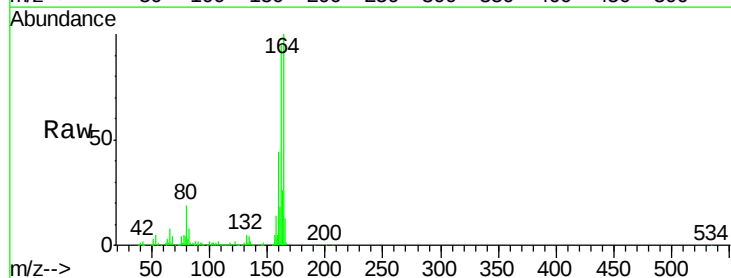
Instrument :
 BNA_G
 ClientSampleId :
 PB84497BS

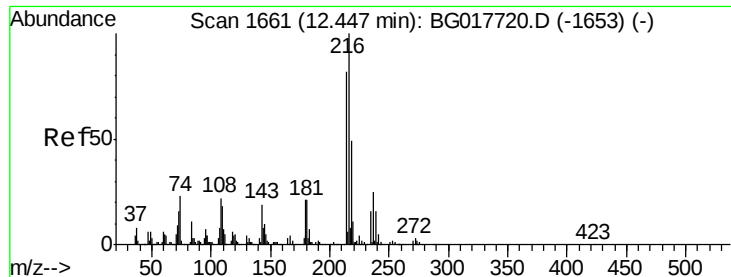
Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.4	70.7	106.1
115	34.2	27.8	41.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.25 min Scan# 1967
 Delta R.T. 0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.7	76.3	114.5
160	43.8	33.7	50.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.04 ng

RT: 12.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

Instrument :

BNA_G

ClientSampleId :

PB84497BS

Tgt Ion:216 Resp: 262574

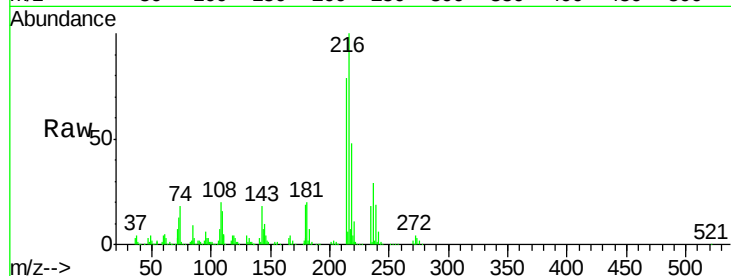
Ion Ratio Lower Upper

216 100

214 78.8 64.5 96.7

179 20.7 16.7 25.1

108 22.7 18.6 27.8

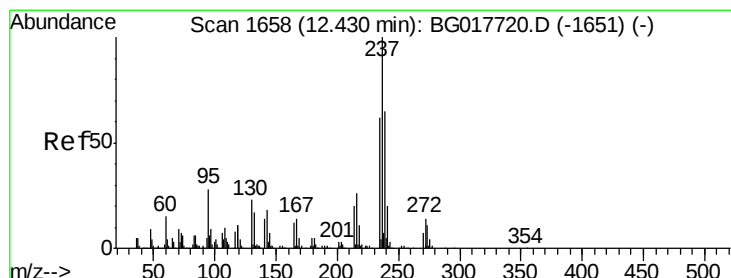
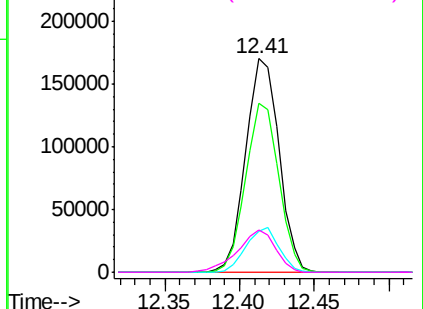
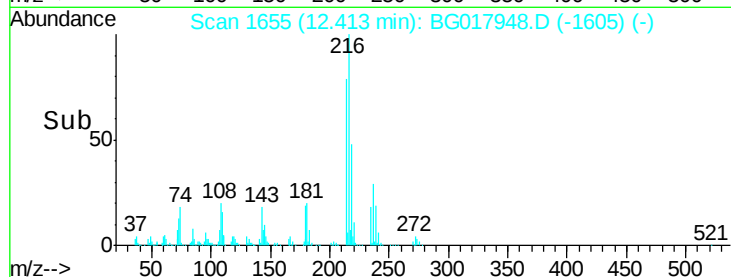


Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.63 ng

RT: 12.40 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

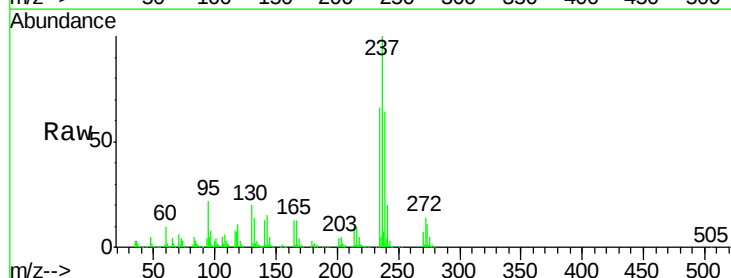
Tgt Ion:237 Resp: 323670

Ion Ratio Lower Upper

237 100

235 66.2 42.2 82.2

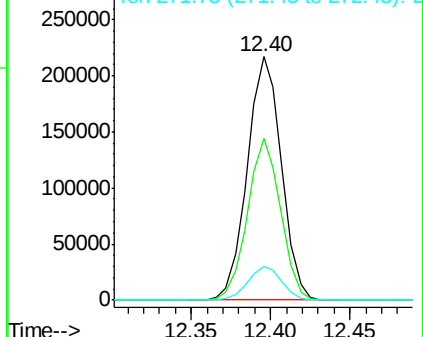
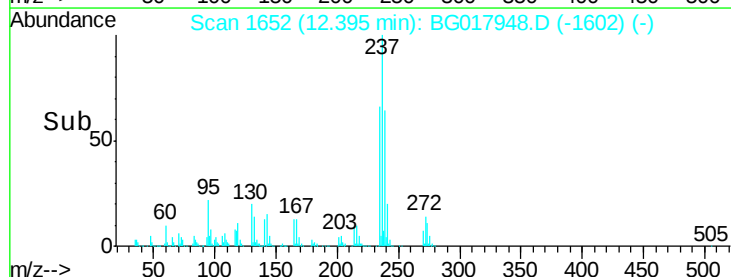
272 13.7 0.0 33.9

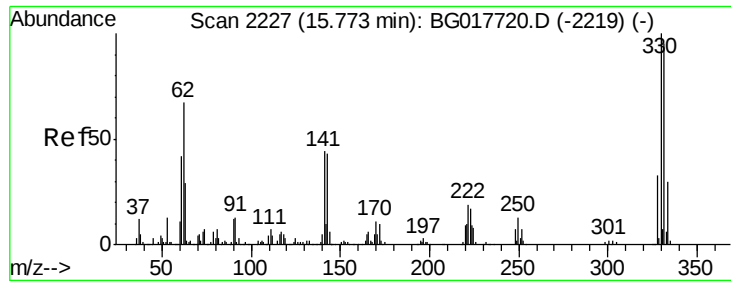


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

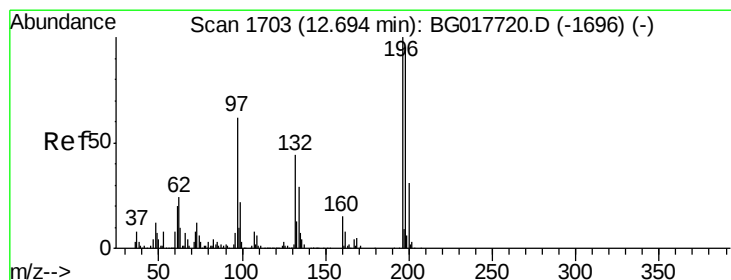
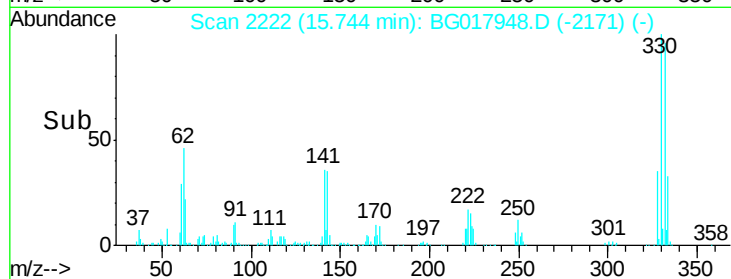
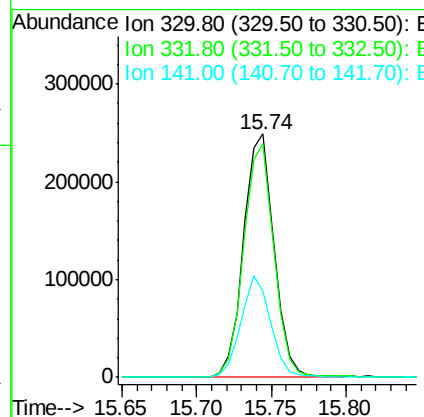
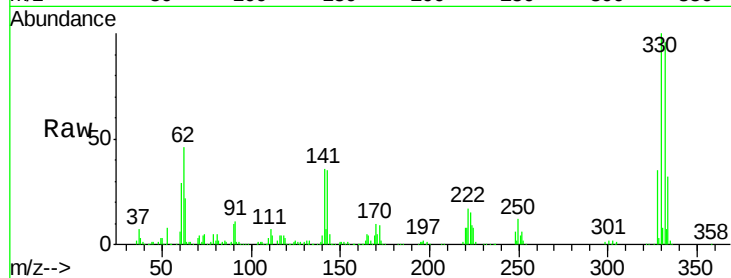




#41
 2,4,6-Tribromophenol
 Concen: 102.93 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

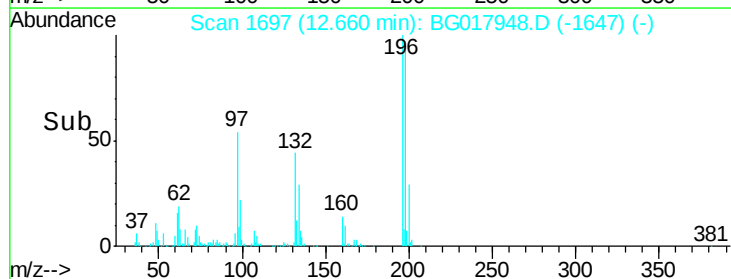
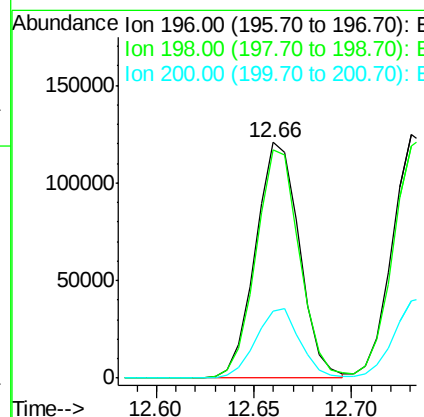
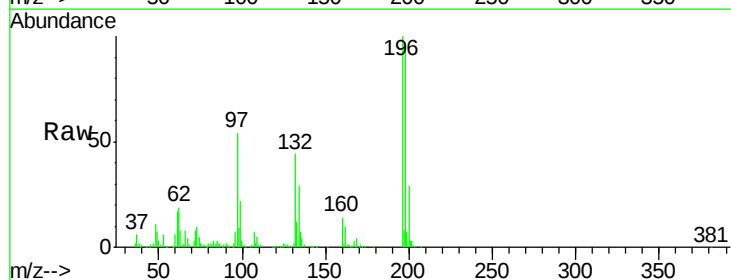
Instrument :
 BNA_G
 ClientSampleId :
 PB84497BS

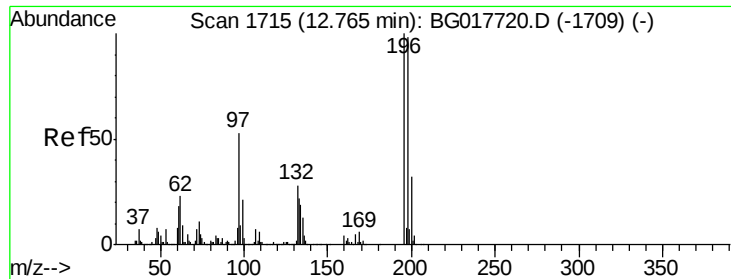
Tgt Ion:330 Resp: 351814
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.8 115.2
 141 41.1 38.0 57.0



#42
 2,4,6-Trichlorophenol
 Concen: 31.93 ng
 RT: 12.66 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

Tgt Ion:196 Resp: 187752
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.2 114.4
 200 28.6 24.6 36.8

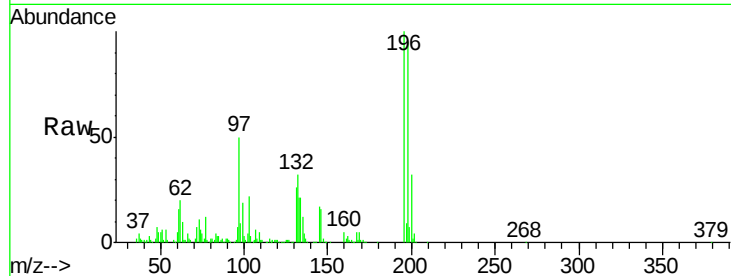




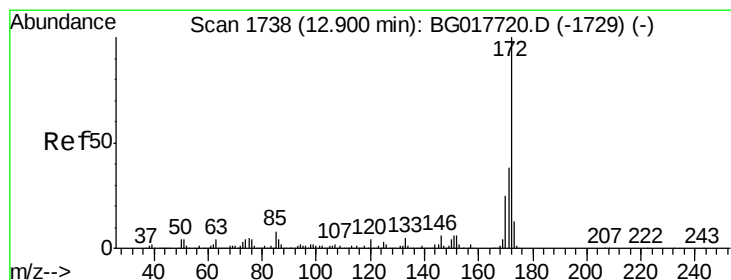
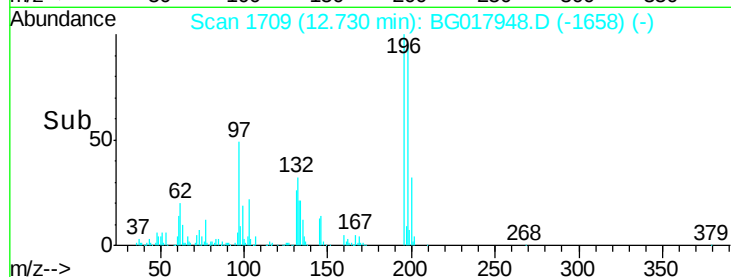
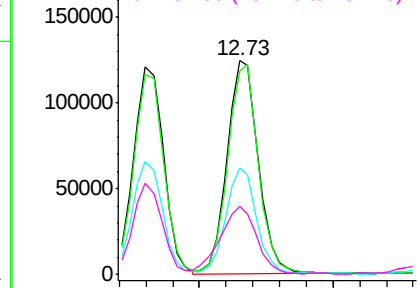
#43
2,4,5-Trichlorophenol
Concen: 33.41 ng
RT: 12.73 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

Instrument :
BNA_G
ClientSampleId :
PB84497BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	78.1	117.1
97	50.1	42.6	64.0
132	31.5	22.6	33.8

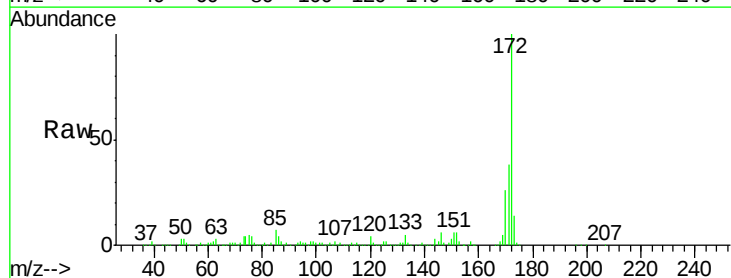


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

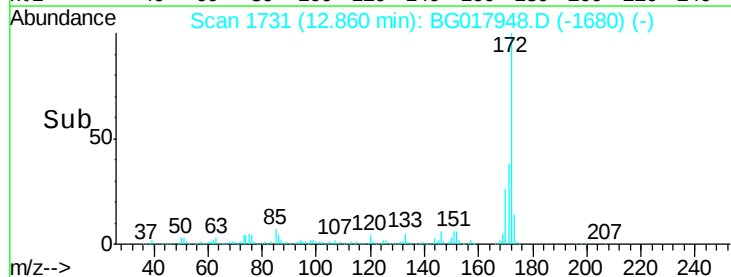
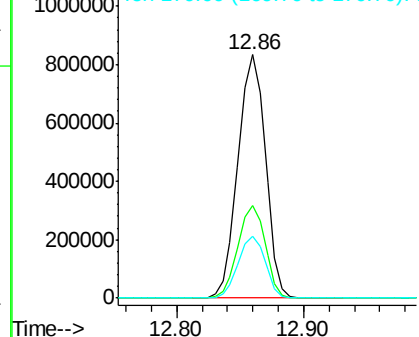


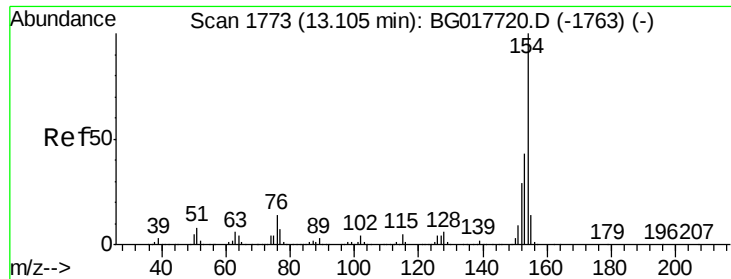
#44
2-Fluorobiphenyl
Concen: 64.22 ng
RT: 12.86 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.7	46.1
170	25.6	19.7	29.5



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

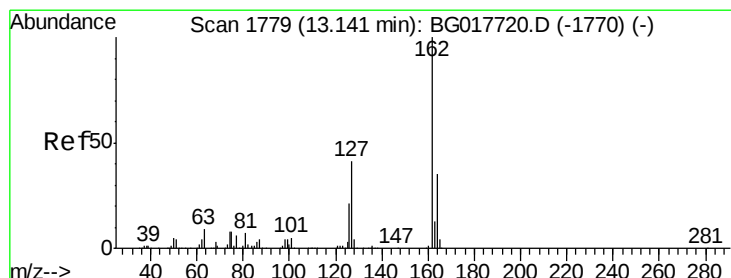
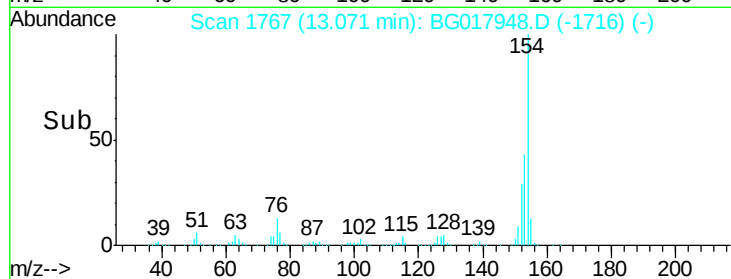
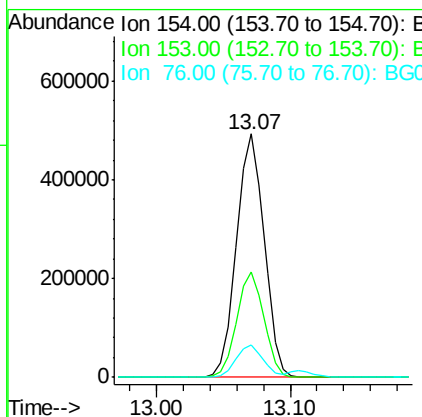
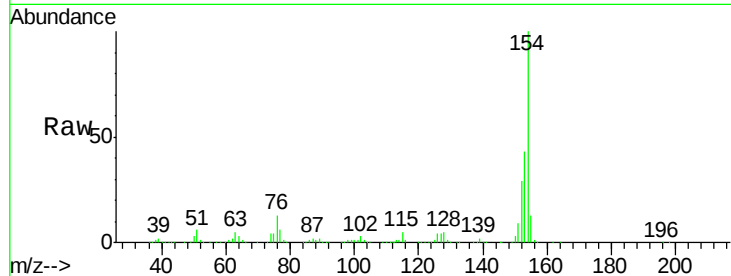




#45
 1,1'-Biphenyl
 Concen: 29.97 ng
 RT: 13.07 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

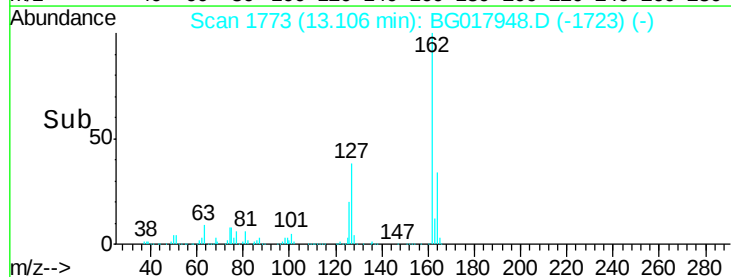
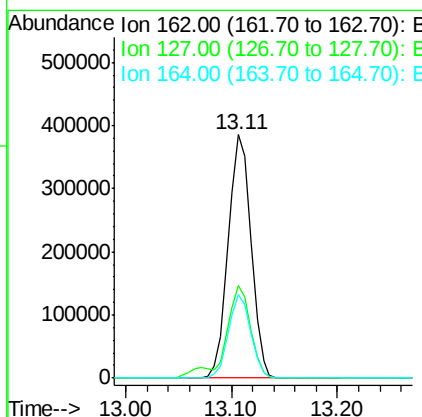
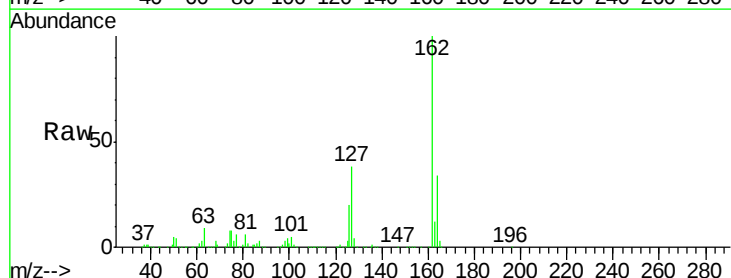
Instrument :
 BNA_G
 ClientSampleId :
 PB84497BS

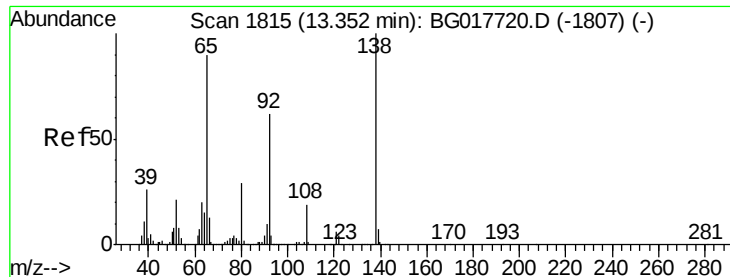
Tgt Ion:	154	Resp:	707948
Ion Ratio	Lower	Upper	
154	100		
153	43.2	23.5	63.5
76	13.2	0.0	33.7



#46
 2-Chloronaphthalene
 Concen: 29.91 ng
 RT: 13.11 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

Tgt Ion:	162	Resp:	572586
Ion Ratio	Lower	Upper	
162	100		
127	38.1	33.2	49.8
164	34.4	27.7	41.5

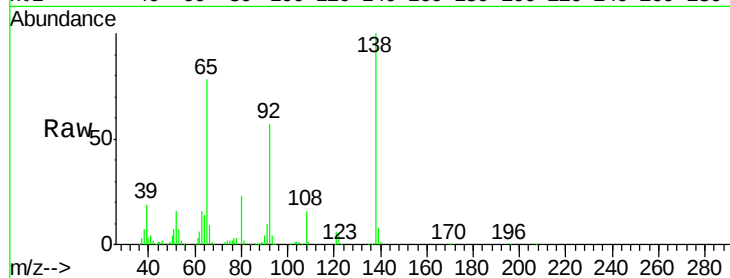




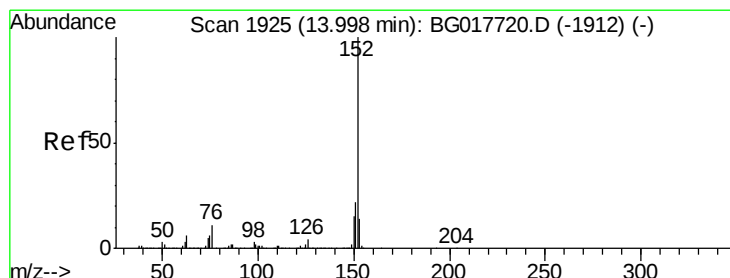
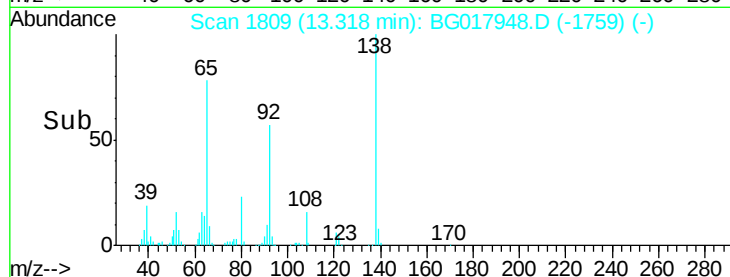
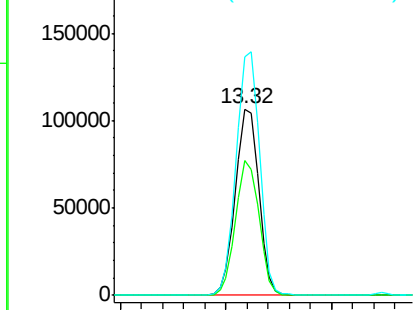
#47
2-Nitroaniline
Concen: 31.82 ng
RT: 13.32 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

Instrument :
BNA_G
ClientSampleId :
PB84497BS

Tgt Ion: 65 Resp: 163538
Ion Ratio Lower Upper
65 100
92 72.2 55.4 83.2
138 127.7 89.1 133.7

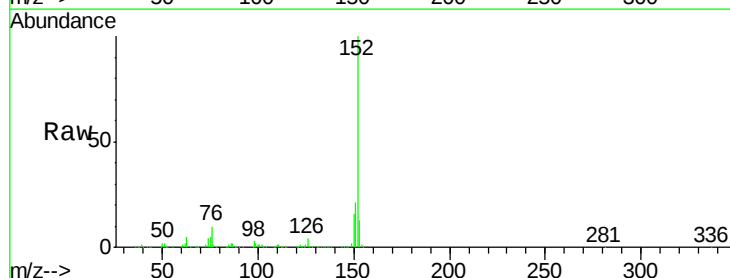


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

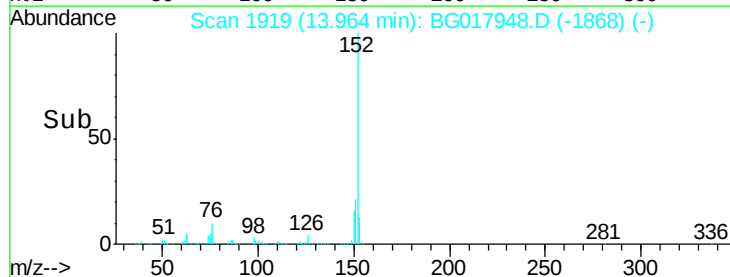
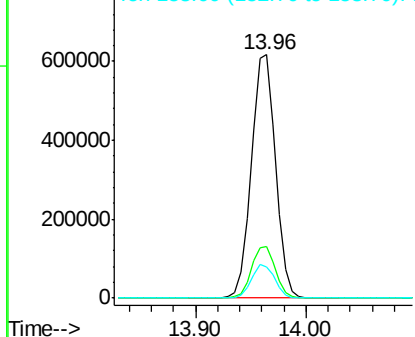


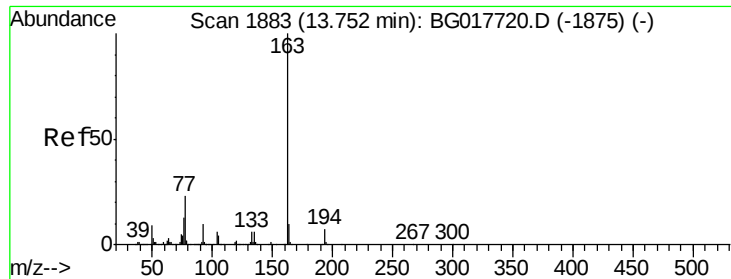
#48
Acenaphthylene
Concen: 29.68 ng
RT: 13.96 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

Tgt Ion: 152 Resp: 947501
Ion Ratio Lower Upper
152 100
151 21.2 17.4 26.2
153 12.9 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC

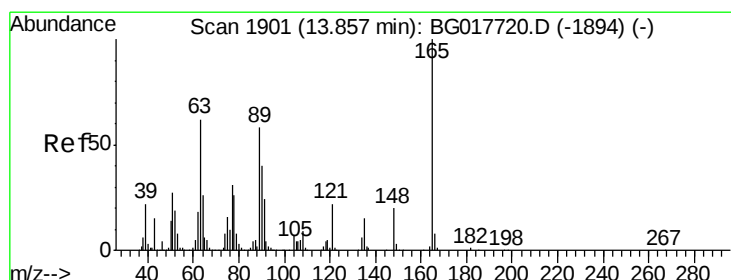
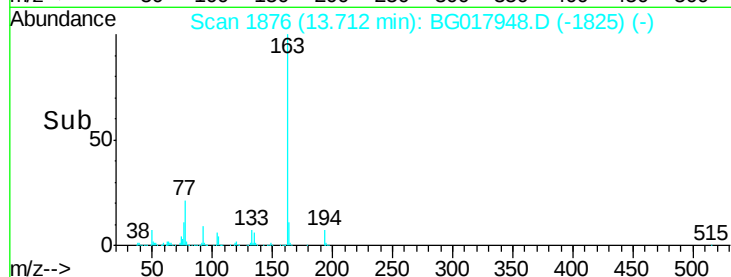
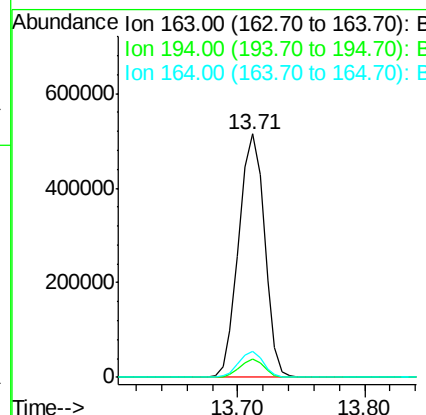
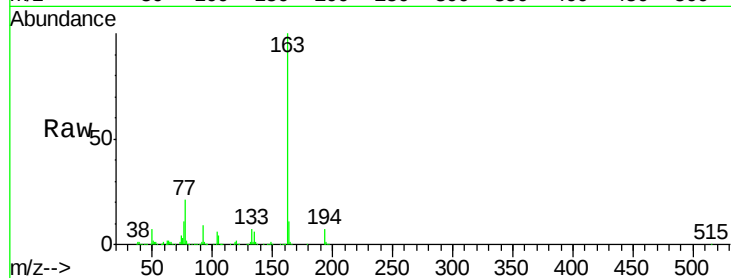




#49
Dimethylphthalate
Concen: 30.90 ng
RT: 13.71 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

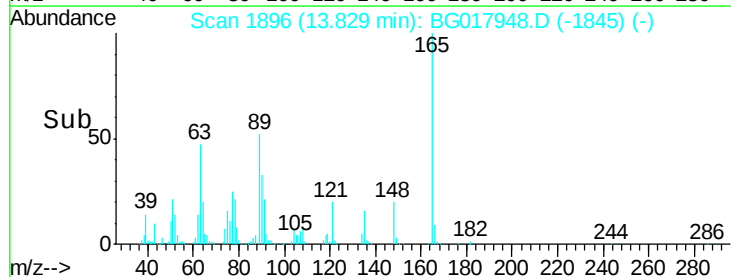
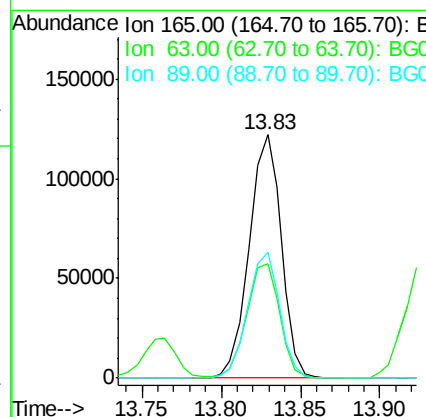
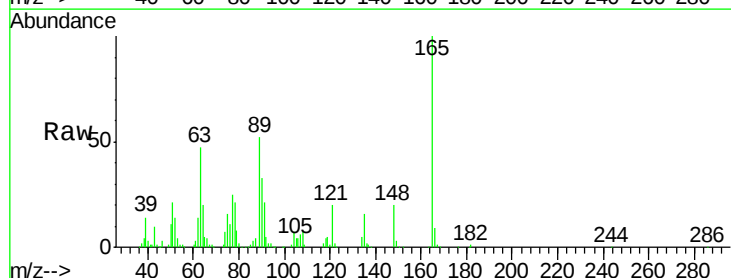
Instrument :
BNA_G
ClientSampleId :
PB84497BS

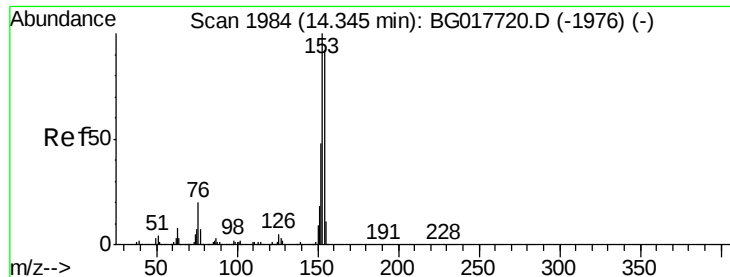
Tgt Ion:163 Resp: 724100
Ion Ratio Lower Upper
163 100
194 7.4 5.8 8.6
164 10.8 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 32.27 ng
RT: 13.83 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

Tgt Ion:165 Resp: 171408
Ion Ratio Lower Upper
165 100
63 47.1 50.2 75.2#
89 51.7 46.6 69.8





#51

Acenaphthene

Concen: 29.19 ng

RT: 14.30 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

Instrument :

BNA_G

ClientSampleId :

PB84497BS

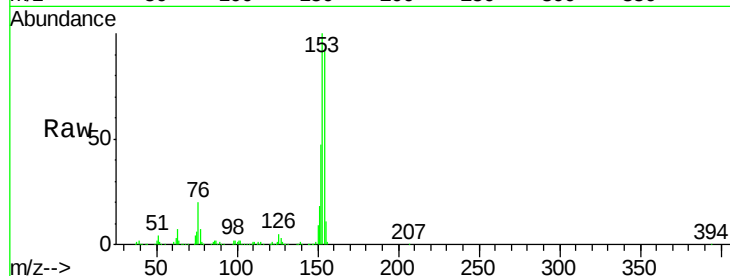
Tgt Ion:154 Resp: 564357

Ion Ratio Lower Upper

154 100

153 109.2 87.0 130.4

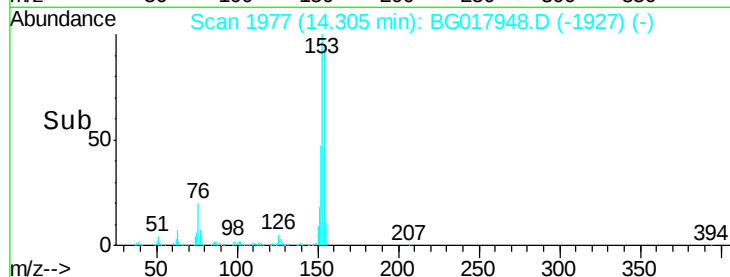
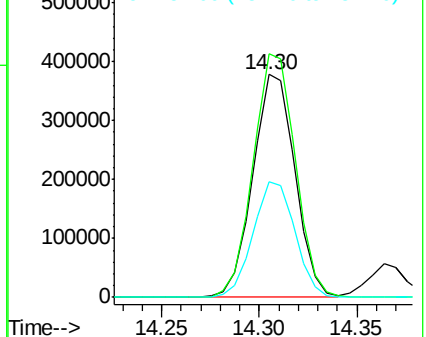
152 51.6 41.4 62.0



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: 21.69 ng

RT: 14.15 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

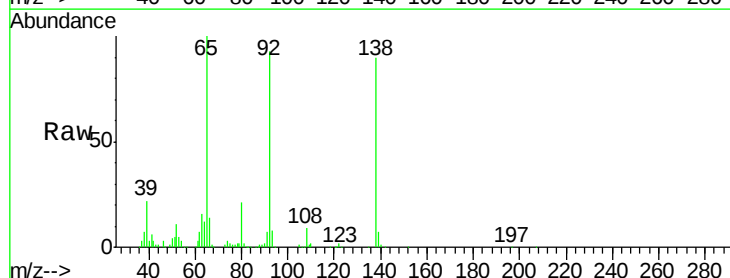
Tgt Ion:138 Resp: 129477

Ion Ratio Lower Upper

138 100

108 9.7 8.2 12.4

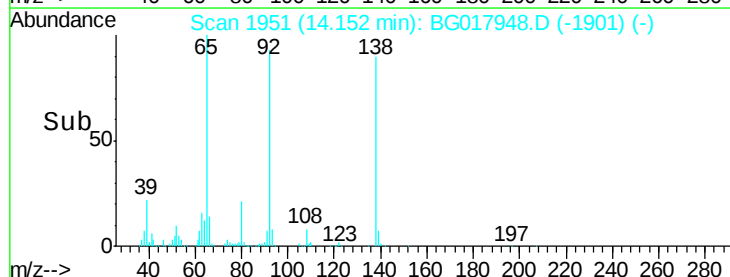
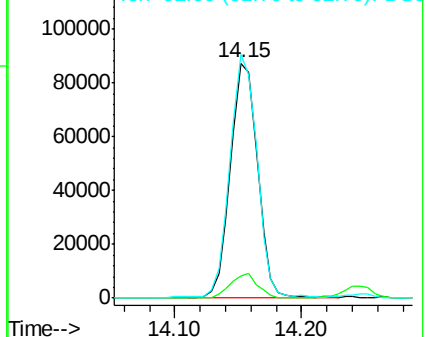
92 103.6 87.4 131.0

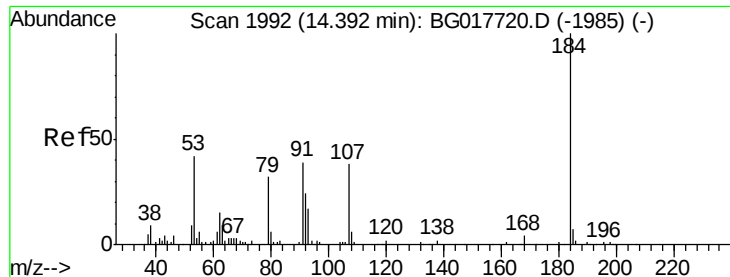


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 65.40 ng

RT: 14.36 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

Instrument :

BNA_G

ClientSampleId :

PB84497BS

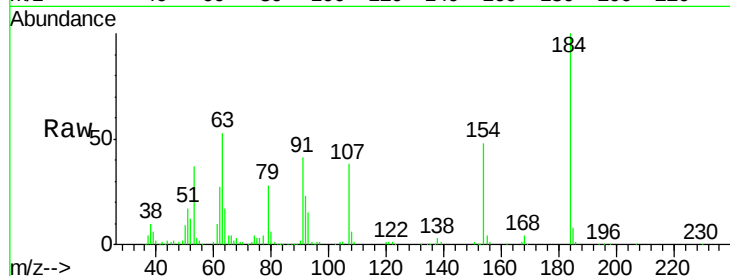
Tgt Ion:184 Resp: 170474

Ion Ratio Lower Upper

184 100

63 52.8 47.8 71.6

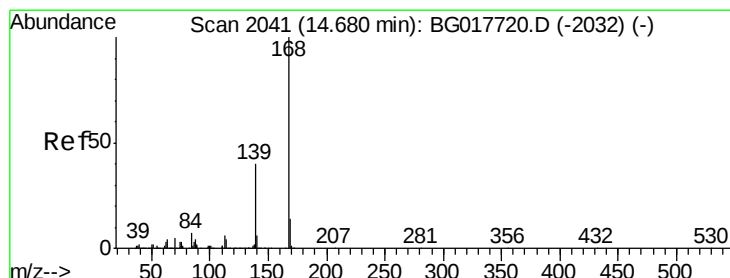
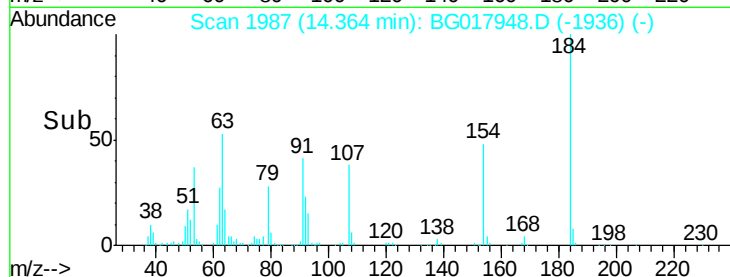
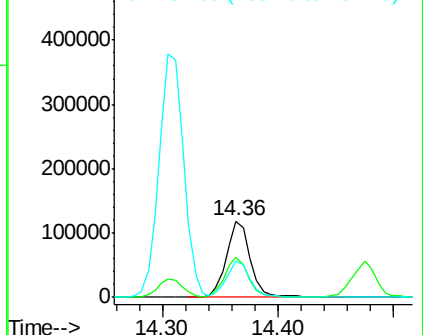
154 47.8 39.3 58.9



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: 31.26 ng

RT: 14.65 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

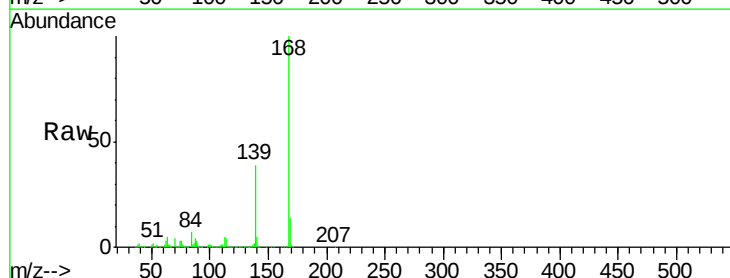
Tgt Ion:168 Resp: 871986

Ion Ratio Lower Upper

168 100

139 38.8 32.2 48.2

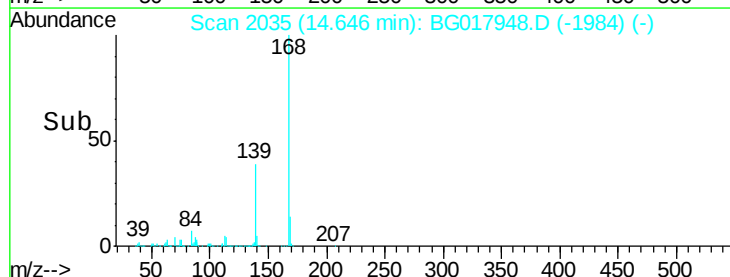
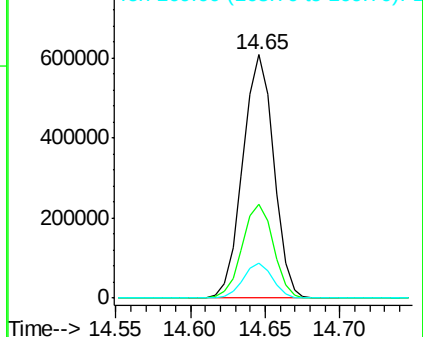
169 14.4 11.3 16.9

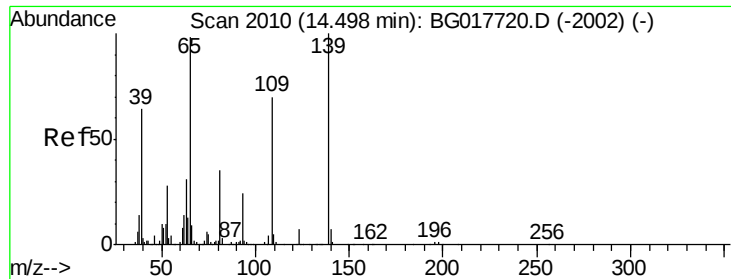


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

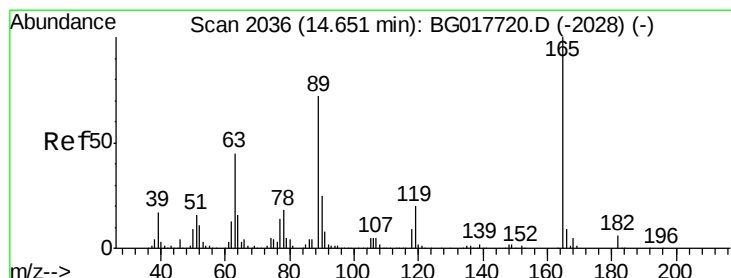
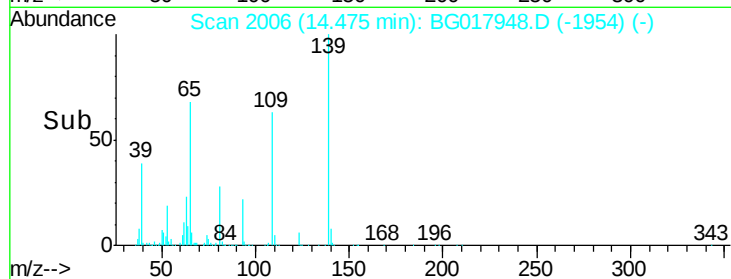
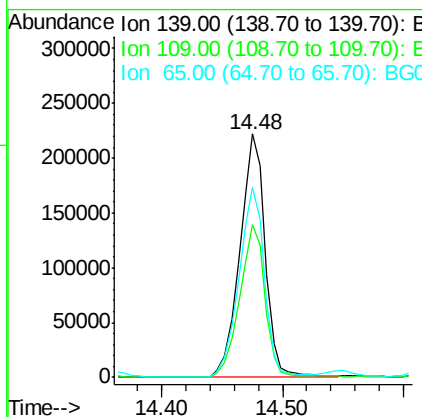
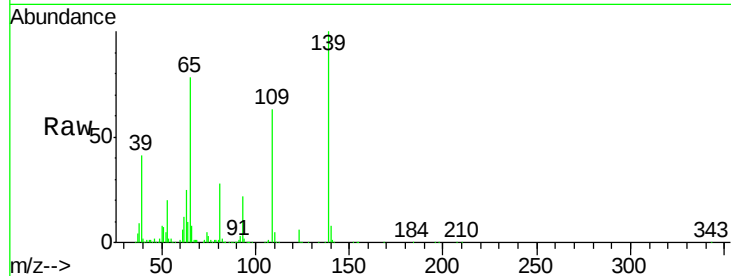




#55
4-Nitrophenol
Concen: 68.74 ng
RT: 14.48 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

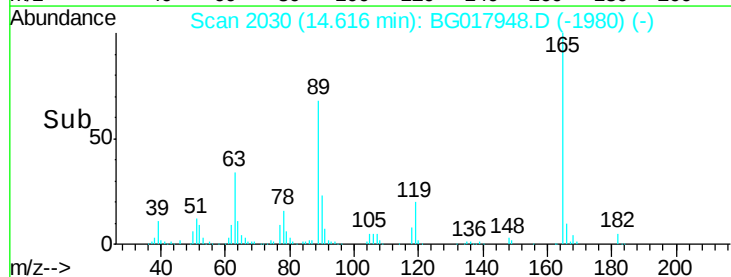
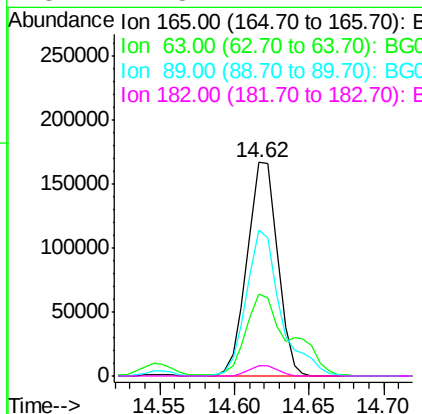
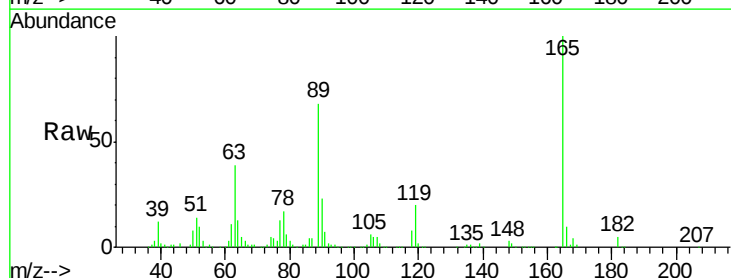
Instrument :
BNA_G
ClientSampleId :
PB84497BS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.0	50.3	90.3
65	78.1	78.8	118.8#



#56
2,4-Dinitrotoluene
Concen: 33.07 ng
RT: 14.62 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.6	36.2	54.4
89	68.1	57.9	86.9
182	4.8	4.7	7.1





#57

Fluorene

Concen: 30.82 ng

RT: 15.30 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

Instrument :

BNA_G

ClientSampleId :

PB84497BS

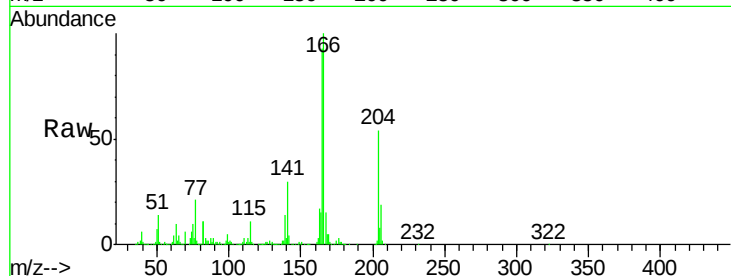
Tgt Ion:166 Resp: 738905

Ion Ratio Lower Upper

166 100

165 93.1 73.4 110.0

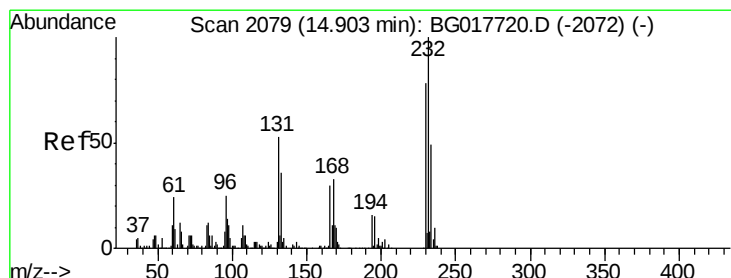
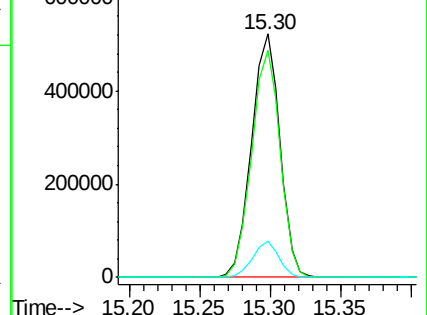
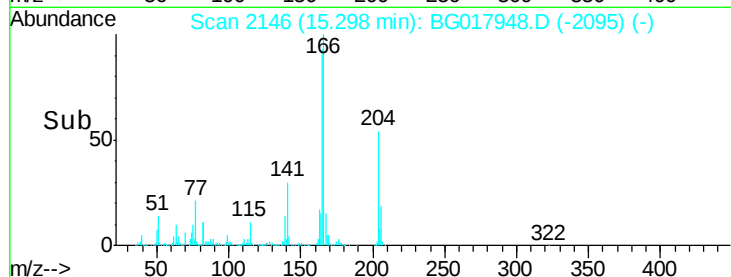
167 14.6 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.10 ng

RT: 14.87 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

Tgt Ion:232 Resp: 179767

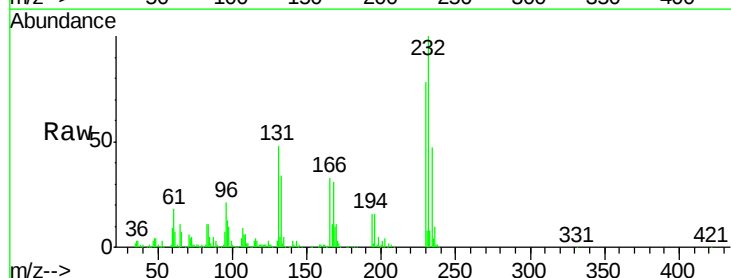
Ion Ratio Lower Upper

232 100

131 48.4 40.8 61.2

130 2.9 2.4 3.6

166 30.8 23.8 35.8

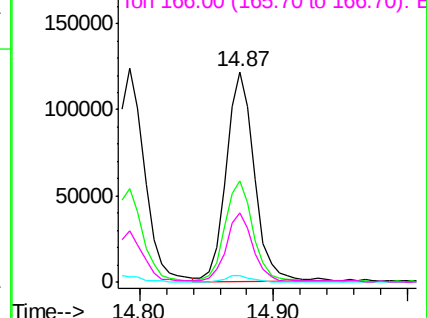
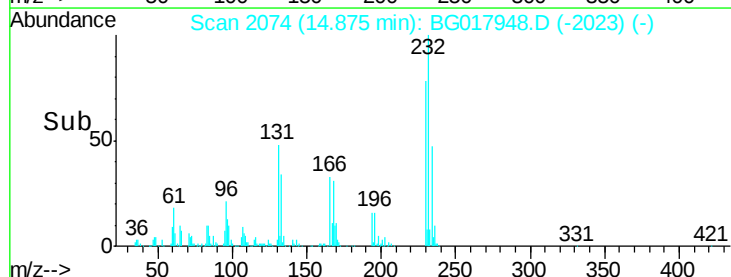


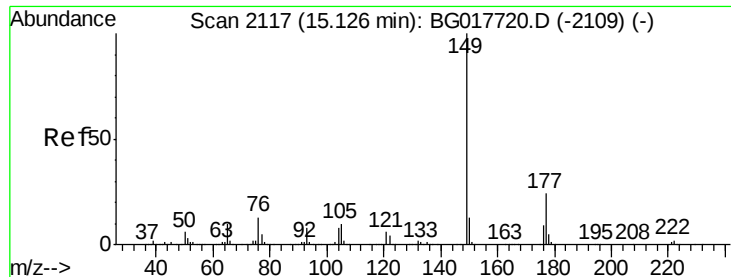
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

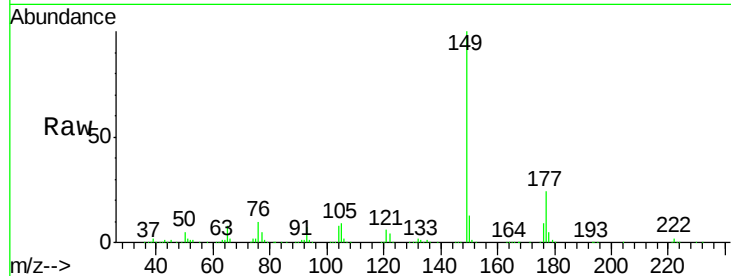




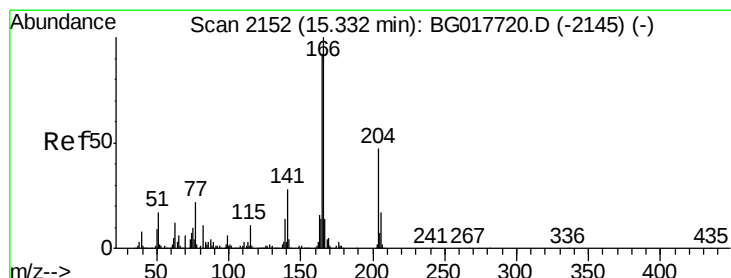
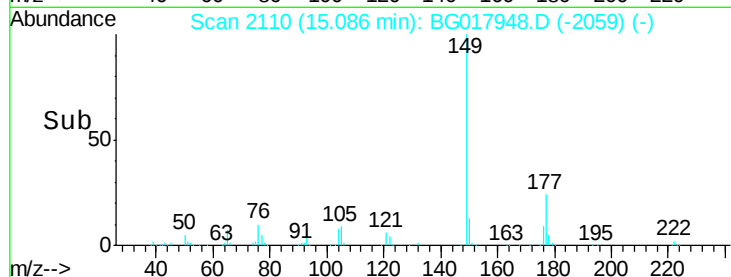
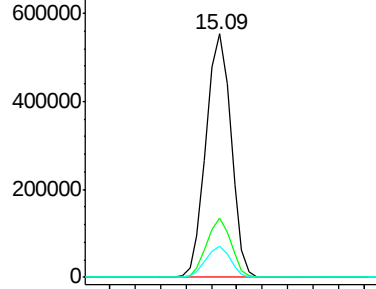
#59
Diethylphthalate
Concen: 31.14 ng
RT: 15.09 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

Instrument :
BNA_G
ClientSampleId :
PB84497BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.1	28.7
150	12.9	10.3	15.5

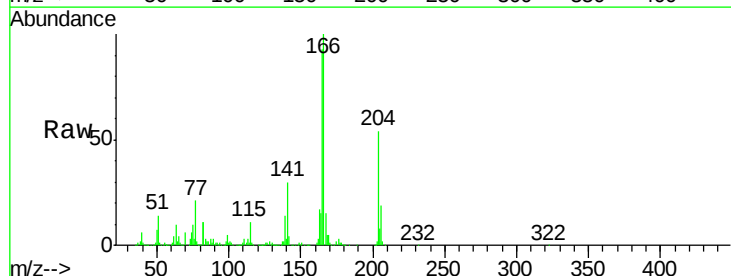


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

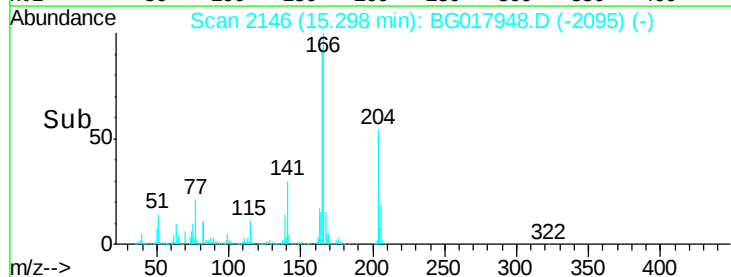
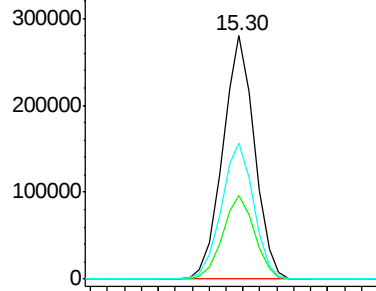


#60
4-Chlorophenyl-phenylether
Concen: 31.07 ng
RT: 15.30 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.6	28.6	42.8
141	55.9	49.0	73.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

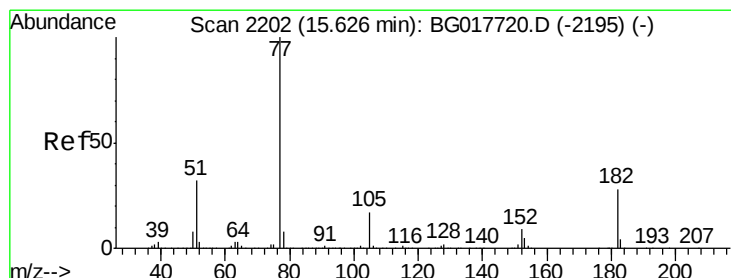
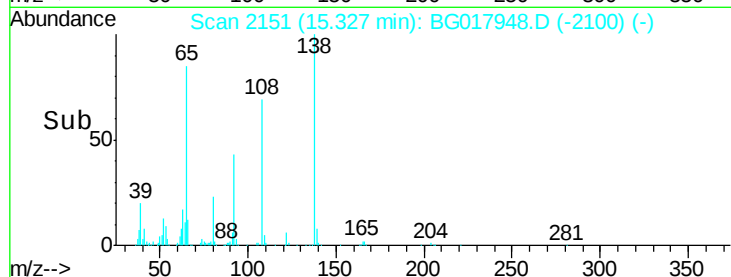
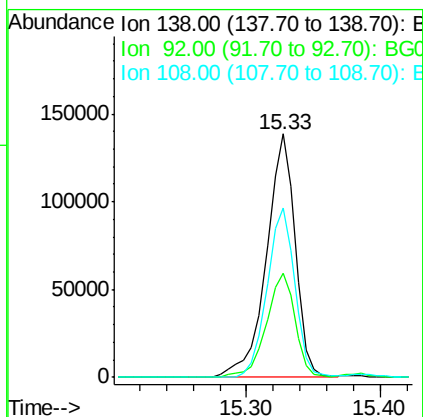
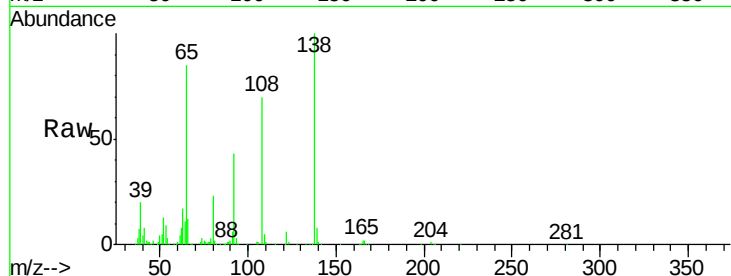




#61
4-Nitroaniline
Concen: 29.80 ng
RT: 15.33 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

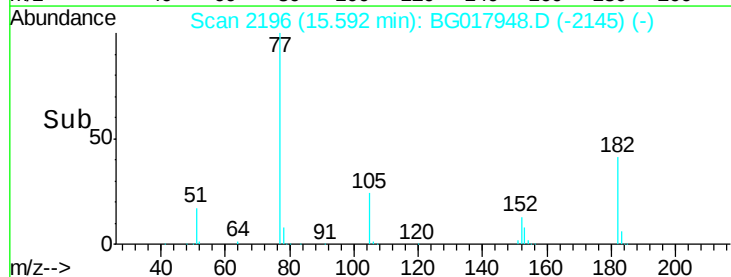
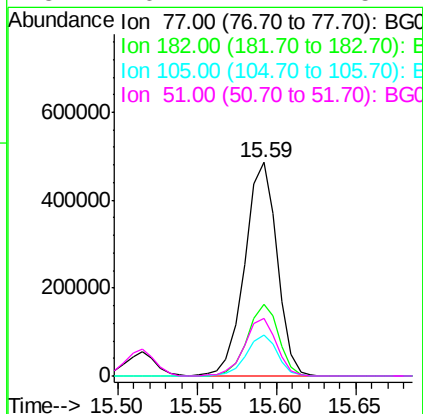
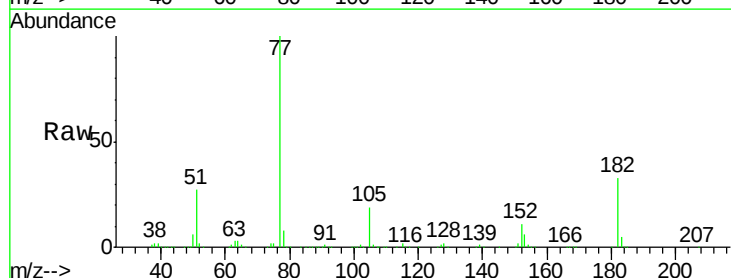
Instrument :
BNA_G
ClientSampleId :
PB84497BS

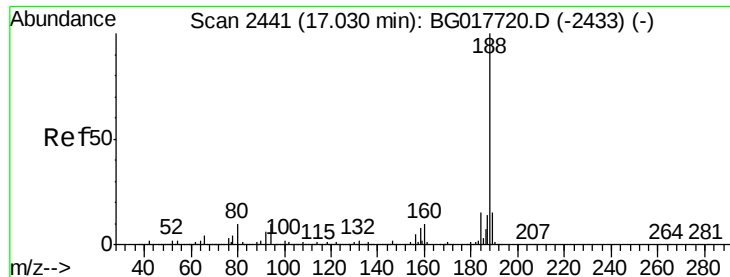
Tgt Ion: 138 Resp: 208455
Ion Ratio Lower Upper
138 100
92 43.0 27.7 67.7
108 69.7 57.8 97.8



#62
Azobenzene
Concen: 30.60 ng
RT: 15.59 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

Tgt Ion: 77 Resp: 686426
Ion Ratio Lower Upper
77 100
182 33.3 8.2 48.2
105 19.4 0.0 36.6
51 26.7 11.7 51.7

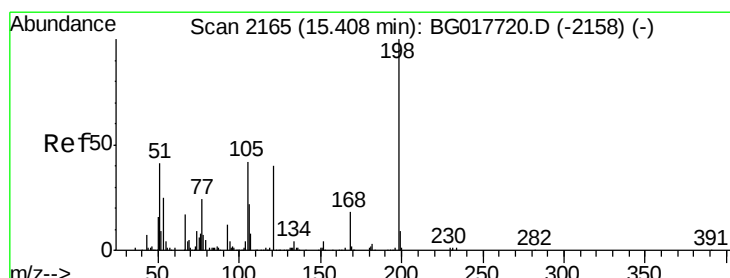
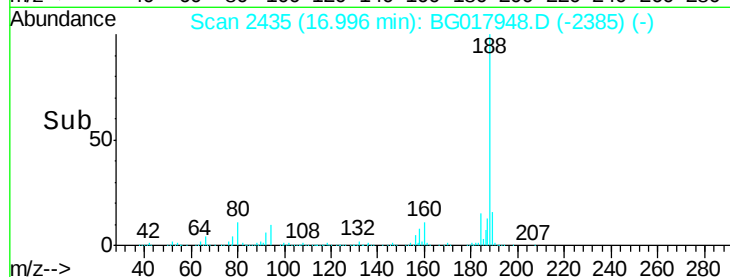
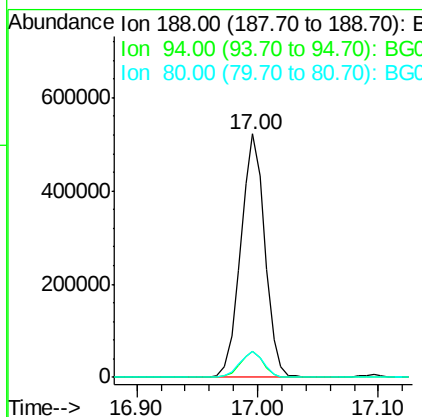
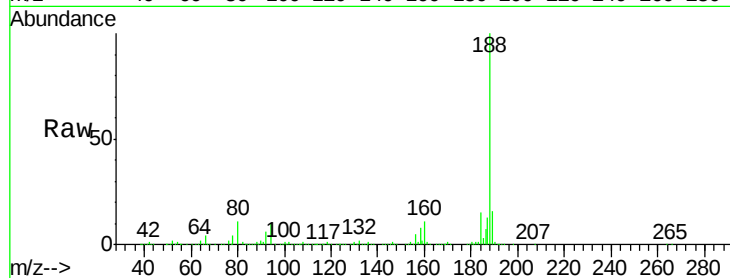




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.00 min Scan# 2435
 Delta R.T. -0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

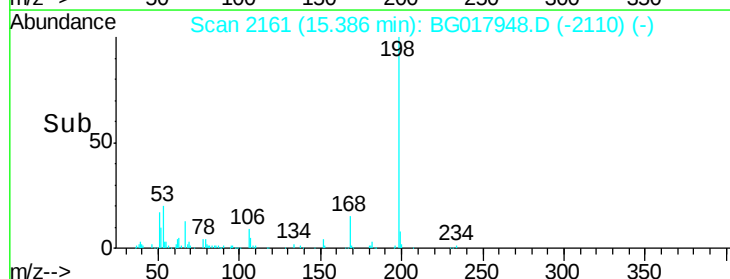
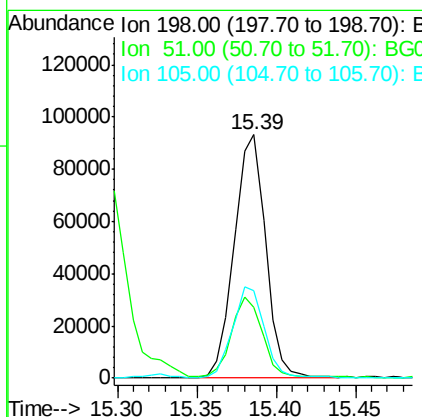
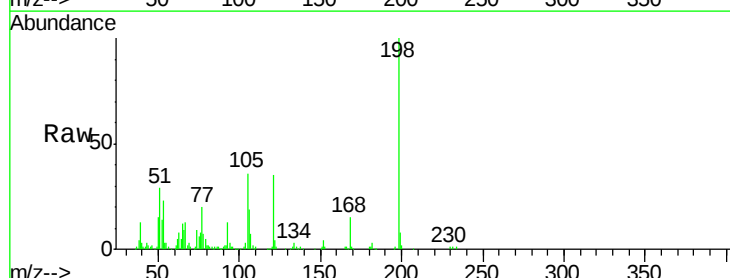
Instrument :
 BNA_G
 ClientSampleId :
 PB84497BS

Tgt Ion:188 Resp: 726519
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.2 12.2
 80 10.8 8.2 12.4



#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.04 ng
 RT: 15.39 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

Tgt Ion:198 Resp: 128601
 Ion Ratio Lower Upper
 198 100
 51 29.0 27.0 67.0
 105 36.0 23.3 63.3

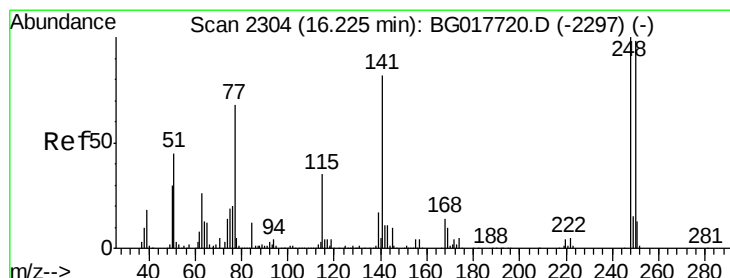
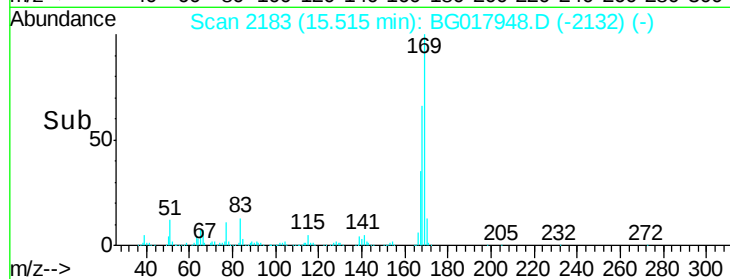
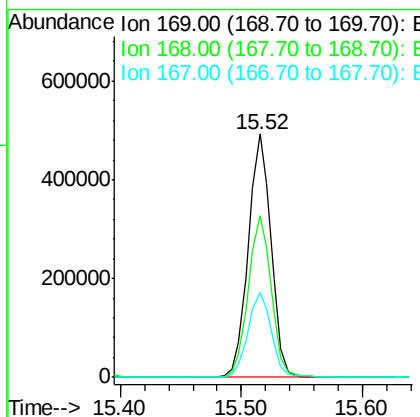
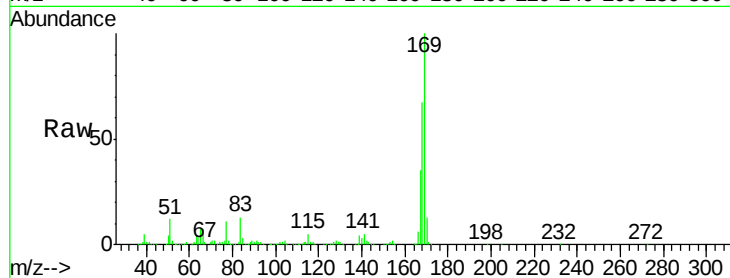




#65
n-Nitrosodiphenylamine
Concen: 29.64 ng
RT: 15.52 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

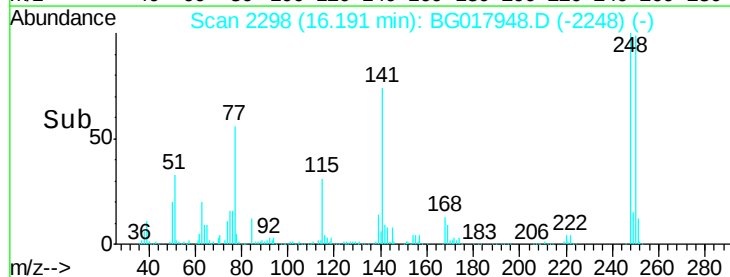
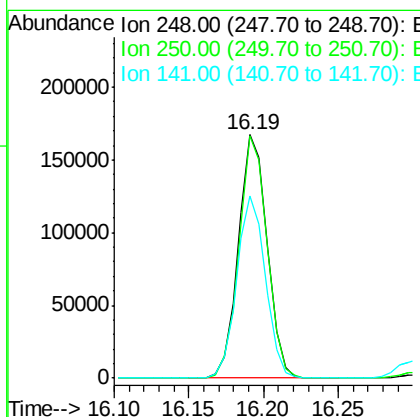
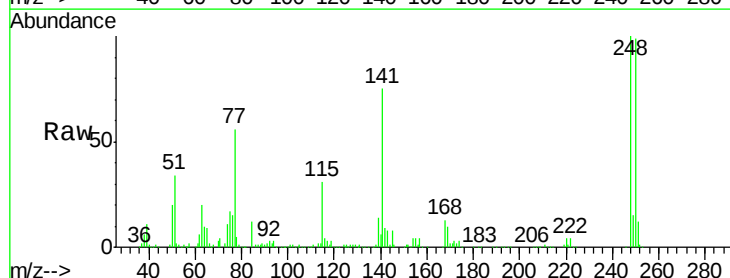
Instrument :
BNA_G
ClientSampleId :
PB84497BS

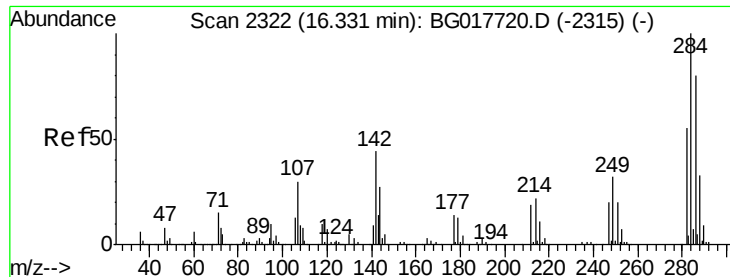
Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	54.1	81.1
167	35.1	29.4	44.2



#66
4-Bromophenyl-phenylether
Concen: 30.55 ng
RT: 16.19 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.4	78.0	117.0
141	74.7	65.7	98.5

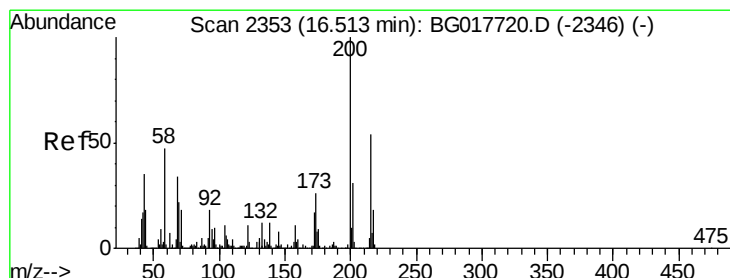
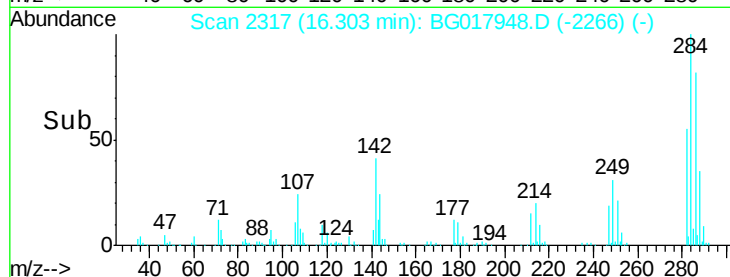
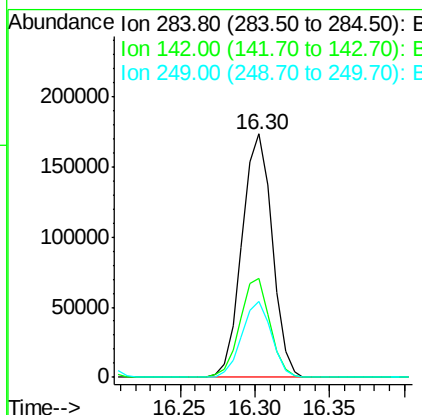
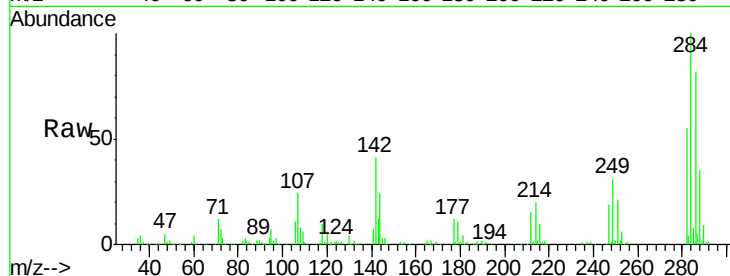




#67
Hexachlorobenzene
Concen: 30.08 ng
RT: 16.30 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

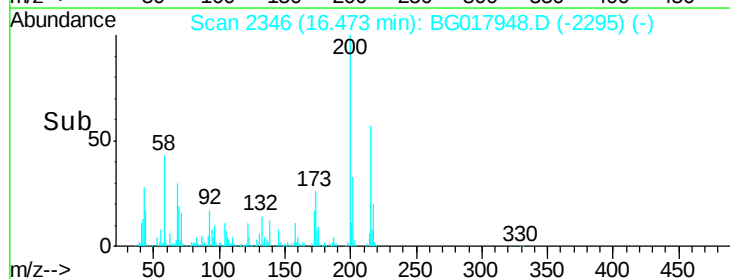
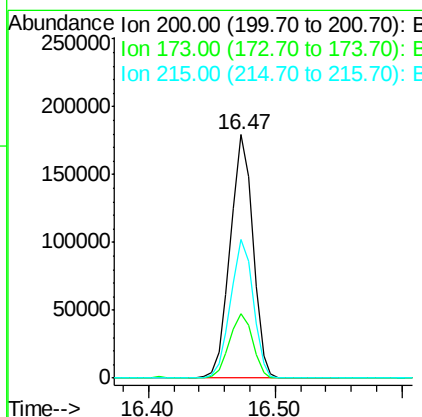
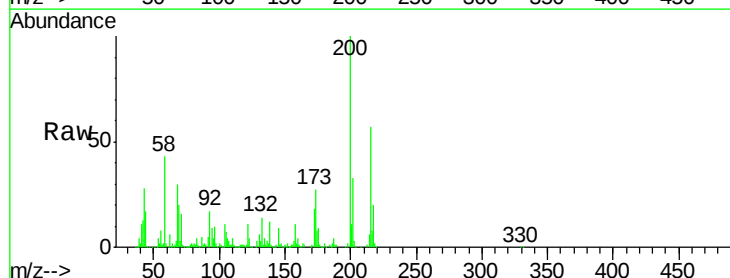
Instrument :
BNA_G
ClientSampleId :
PB84497BS

Tgt Ion: 284 Resp: 243031
Ion Ratio Lower Upper
284 100
142 40.9 35.2 52.8
249 31.3 25.4 38.0



#68
Atrazine
Concen: 30.86 ng
RT: 16.47 min Scan# 2346
Delta R.T. 0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

Tgt Ion: 200 Resp: 221471
Ion Ratio Lower Upper
200 100
173 26.6 5.6 45.6
215 56.8 34.1 74.1

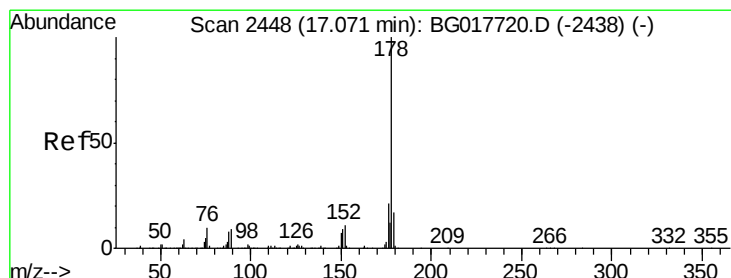
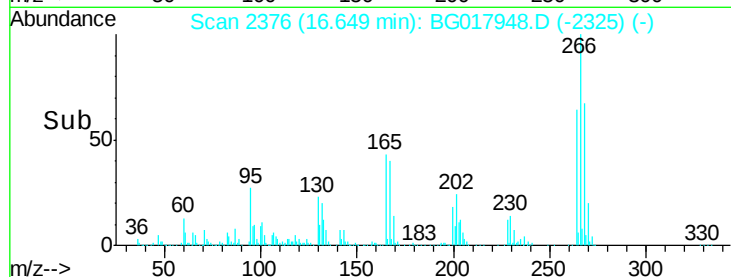
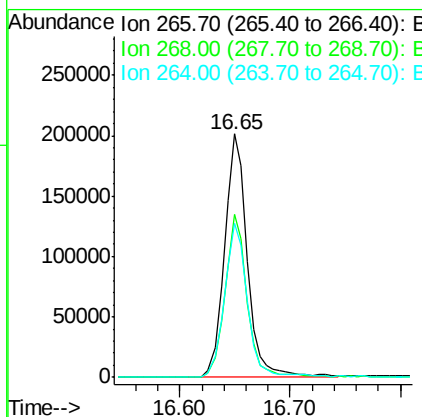
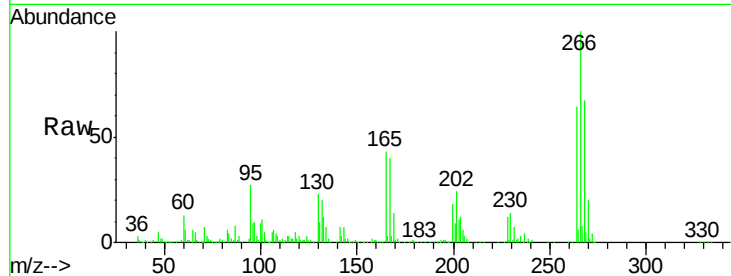




#69
 Pentachlorophenol
 Concen: 61.66 ng
 RT: 16.65 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

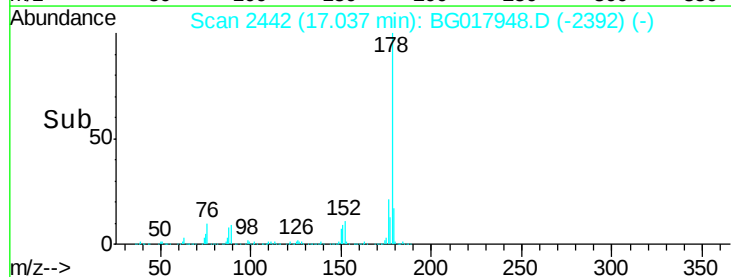
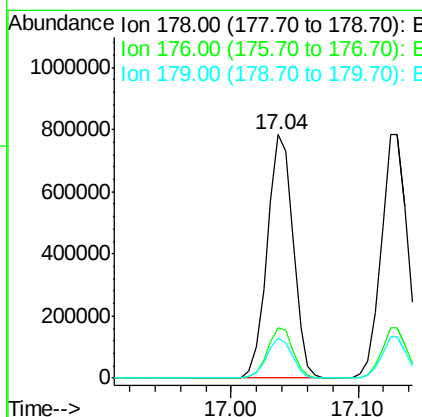
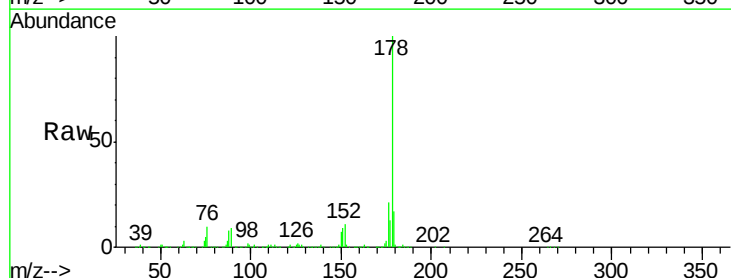
Instrument :
 BNA_G
 ClientSampled :
 PB84497BS

Tgt Ion:266 Resp: 290814
 Ion Ratio Lower Upper
 266 100
 268 66.9 51.0 76.6
 264 63.5 50.7 76.1



#70
 Phenanthrene
 Concen: 29.62 ng
 RT: 17.04 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

Tgt Ion:178 Resp: 1109891
 Ion Ratio Lower Upper
 178 100
 176 20.9 16.5 24.7
 179 16.5 13.5 20.3

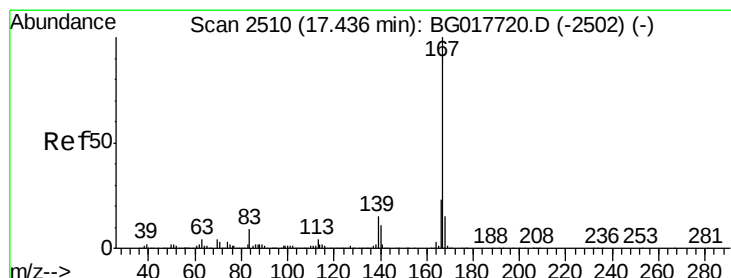
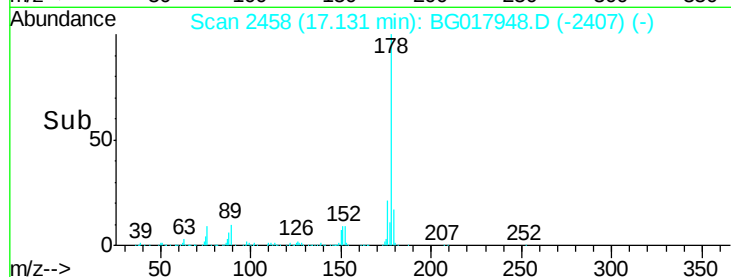
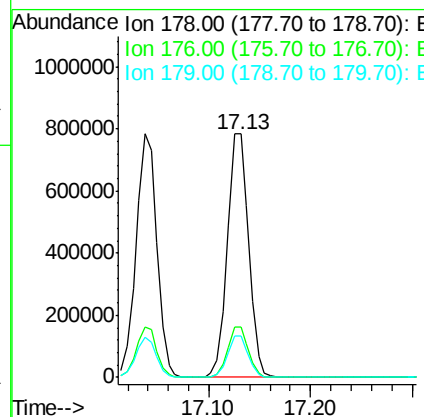
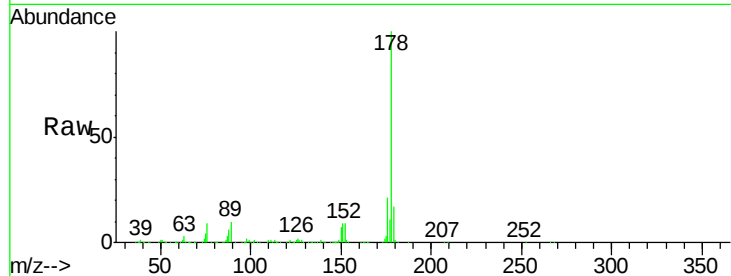




#71
 Anthracene
 Concen: 31.18 ng
 RT: 17.13 min Scan# 2458
 Delta R.T. 0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

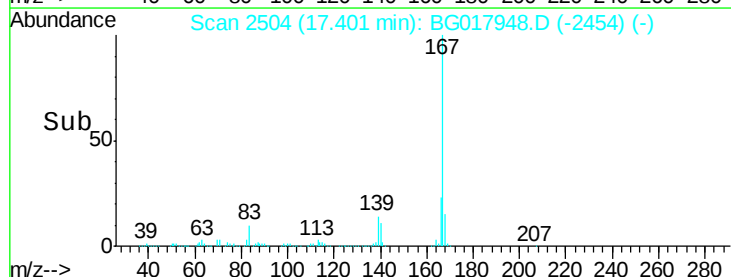
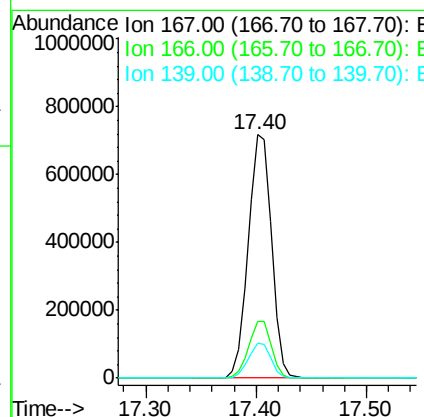
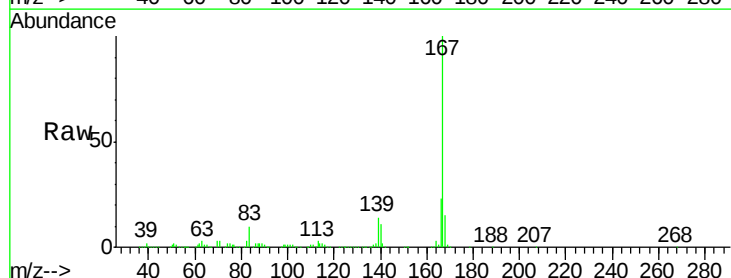
Instrument :
 BNA_G
 ClientSampleId :
 PB84497BS

Tgt Ion:178 Resp: 1136830
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.2 22.8
 179 17.0 13.6 20.4



#72
 Carbazole
 Concen: 30.96 ng
 RT: 17.40 min Scan# 2504
 Delta R.T. -0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

Tgt Ion:167 Resp: 1066492
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.3 27.5
 139 14.2 11.9 17.9

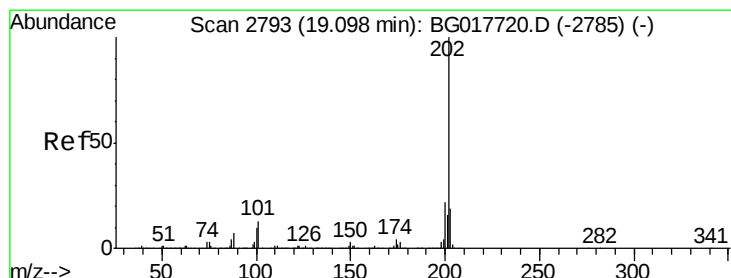
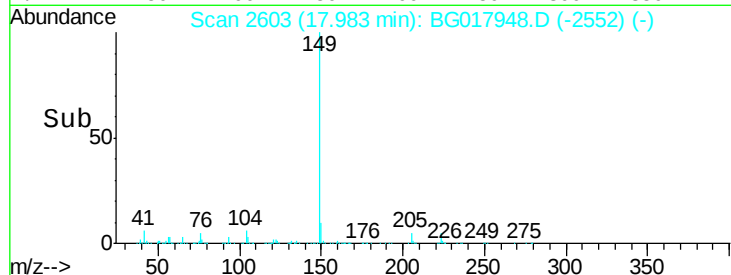
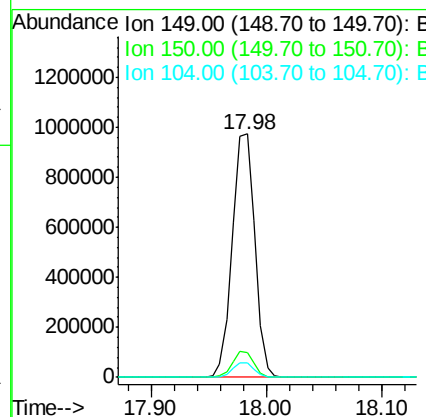
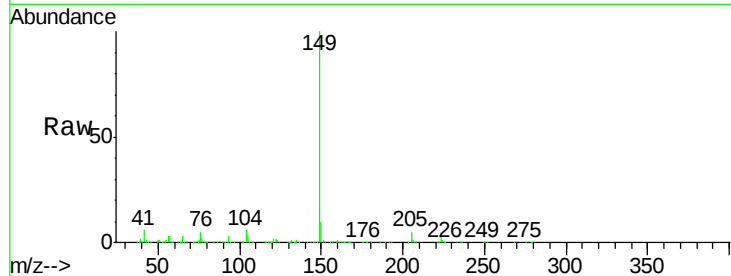




#73
Di-n-butylphthalate
Concen: 31.24 ng
RT: 17.98 min Scan# 2603
Delta R.T. 0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

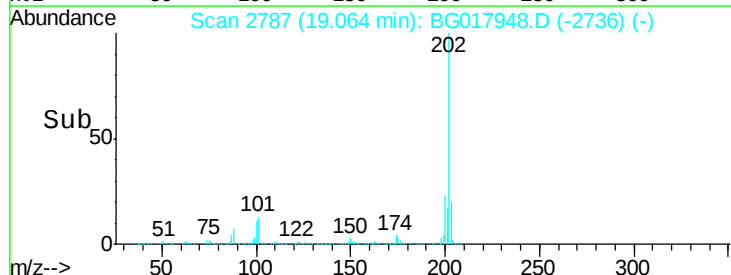
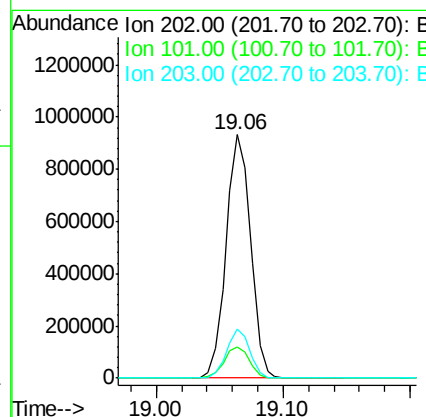
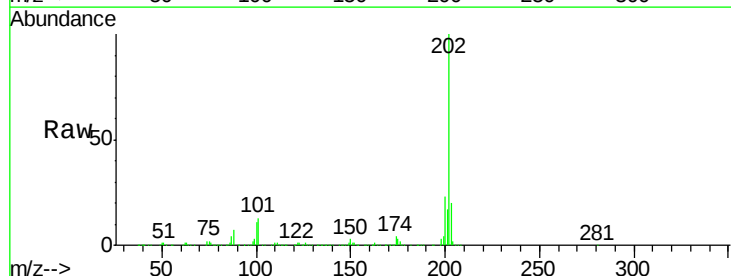
Instrument :
BNA_G
ClientSampleId :
PB84497BS

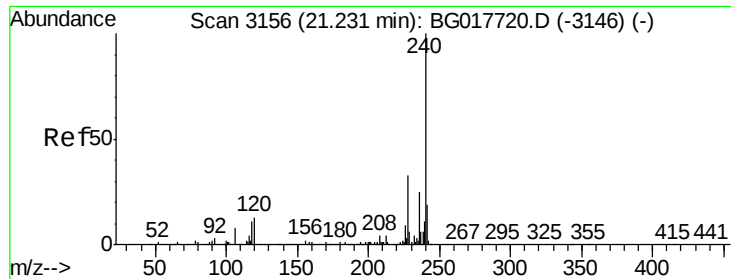
Tgt Ion:149 Resp: 1319385
Ion Ratio Lower Upper
149 100
150 10.1 8.6 12.8
104 5.8 5.0 7.6



#74
Fluoranthene
Concen: 30.46 ng
RT: 19.06 min Scan# 2787
Delta R.T. 0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

Tgt Ion:202 Resp: 1249783
Ion Ratio Lower Upper
202 100
101 12.7 0.0 33.3
203 20.1 0.0 39.5

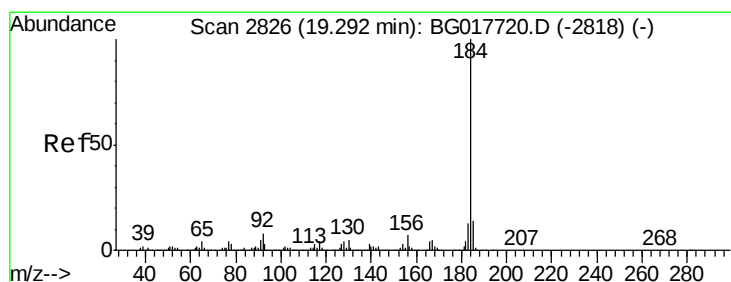
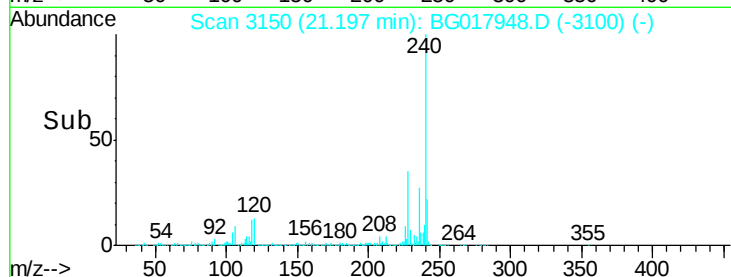
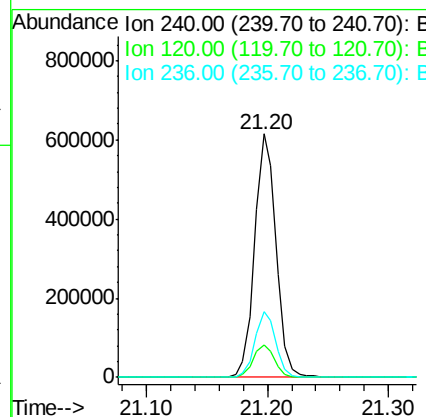
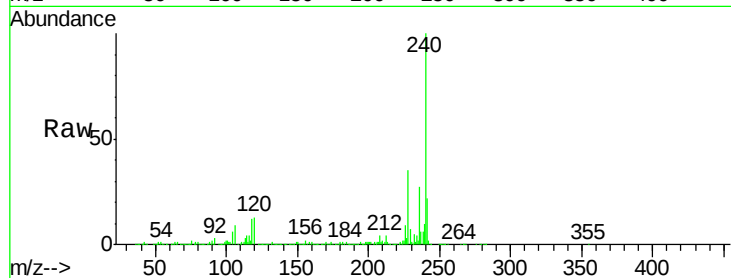




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.20 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

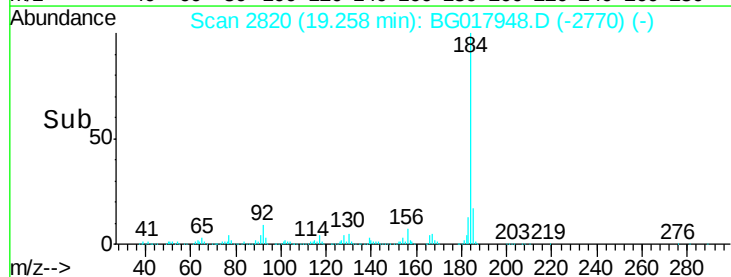
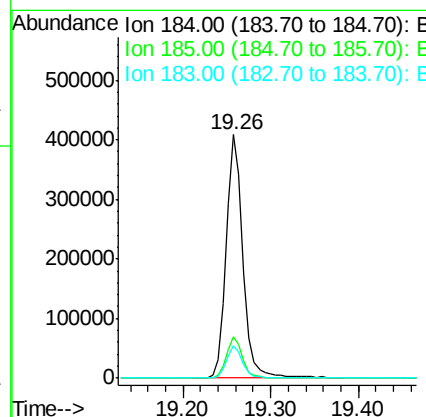
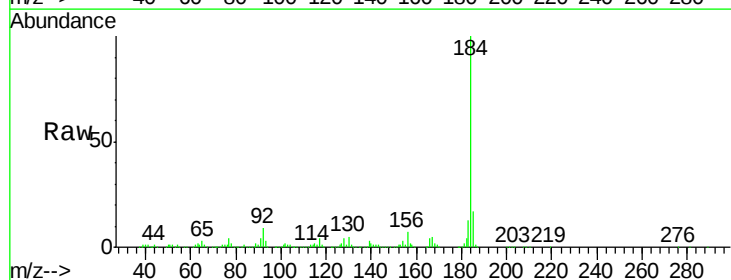
Instrument :
BNA_G
ClientSampleId :
PB84497BS

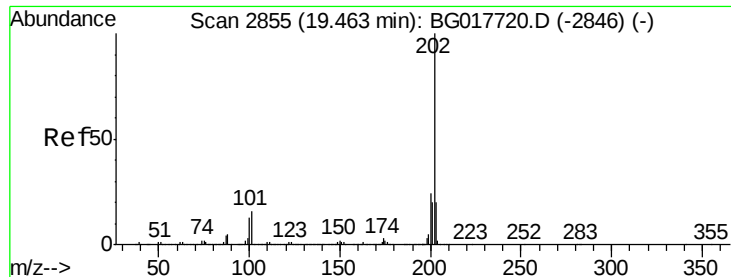
Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	10.8	16.2
236	27.1	20.0	30.0



#76
Benzidine
Concen: 25.21 ng
RT: 19.26 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BG017948.D
Acq: 18 Jul 2015 5:54

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.1	11.5	17.3
183	13.4	10.0	15.0

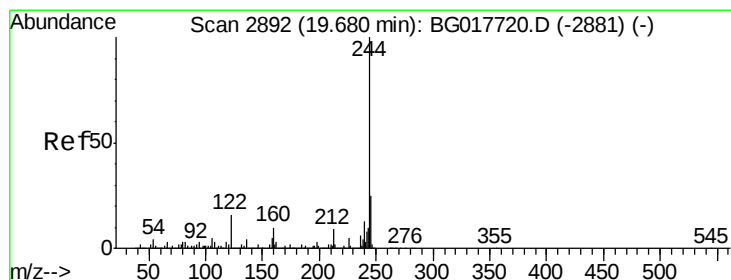
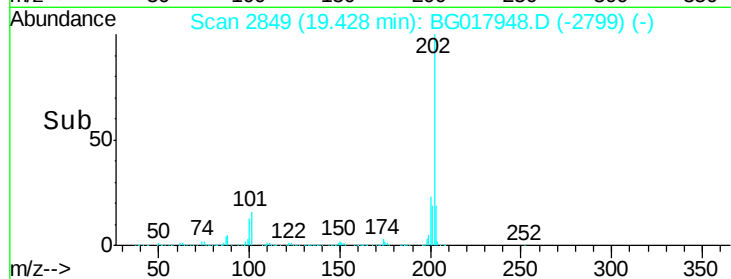
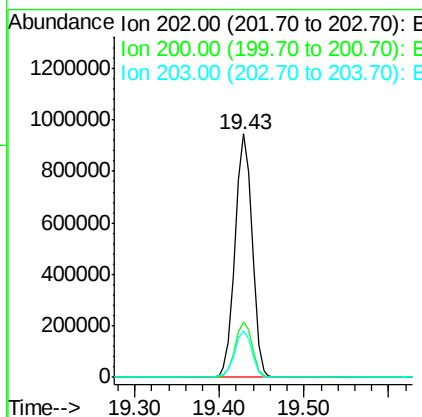
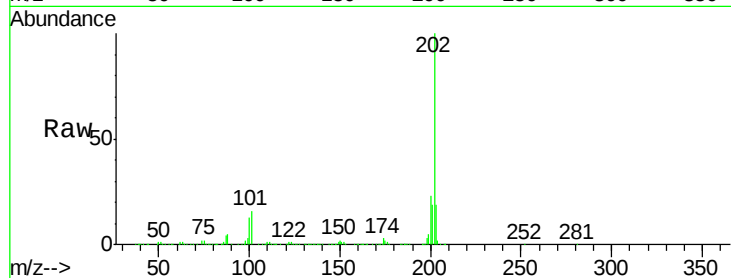




#77
 Pyrene
 Concen: 30.81 ng
 RT: 19.43 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

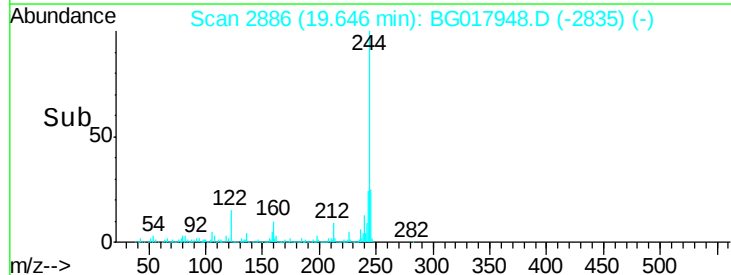
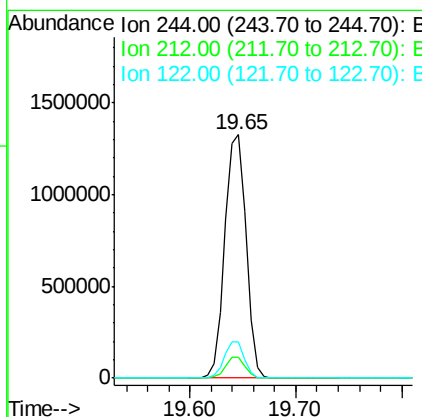
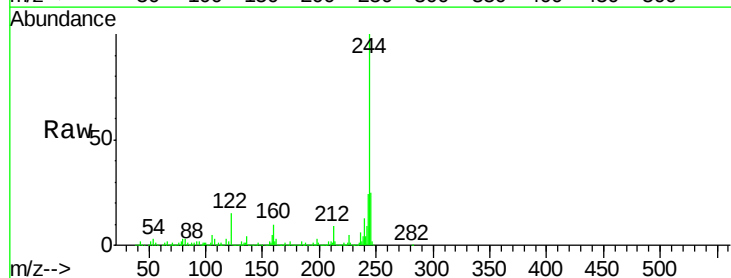
Instrument :
 BNA_G
 ClientSampleId :
 PB84497BS

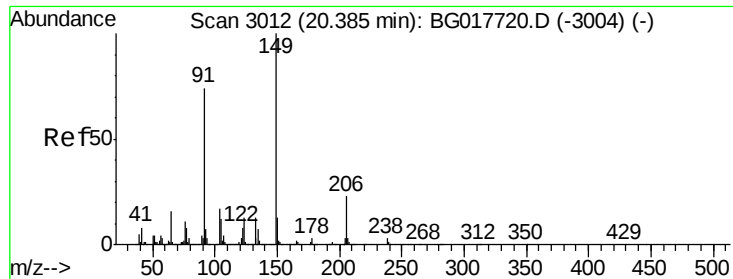
Tgt Ion: 202 Resp: 1304006
 Ion Ratio Lower Upper
 202 100
 200 23.0 18.8 28.2
 203 19.3 15.9 23.9



#78
 Terphenyl-d14
 Concen: 61.35 ng
 RT: 19.65 min Scan# 2886
 Delta R.T. 0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

Tgt Ion: 244 Resp: 1848173
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.2 10.8
 122 14.7 12.8 19.2





#79

Butylbenzylphthalate

Concen: 33.00 ng

RT: 20.34 min Scan# 3005

Delta R.T. -0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

Instrument :

BNA_G

ClientSampleId :

PB84497BS

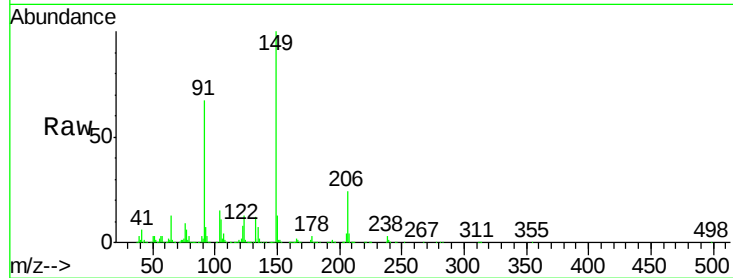
Tgt Ion:149 Resp: 625529

Ion Ratio Lower Upper

149 100

91 67.2 59.5 89.3

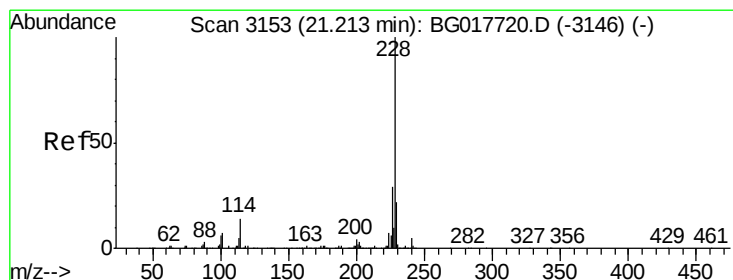
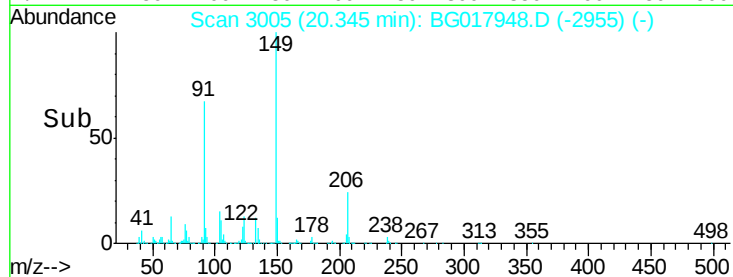
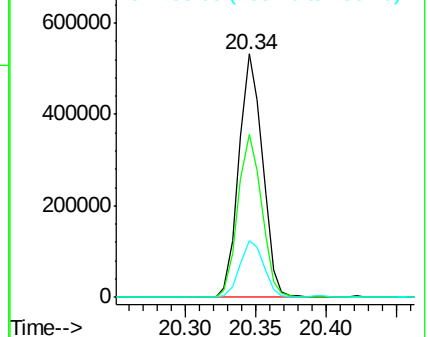
206 23.5 18.5 27.7



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: 30.85 ng

RT: 21.19 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

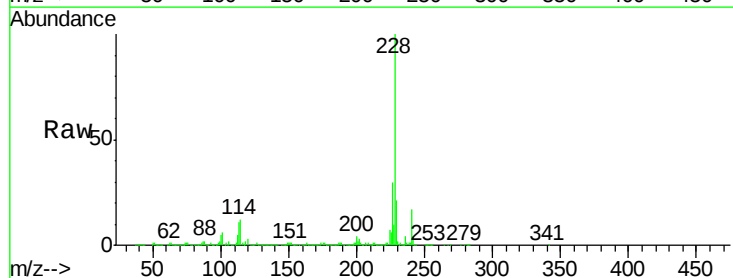
Tgt Ion:228 Resp: 1236345

Ion Ratio Lower Upper

228 100

226 29.5 23.1 34.7

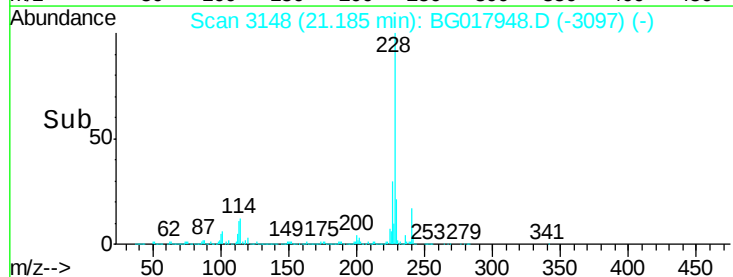
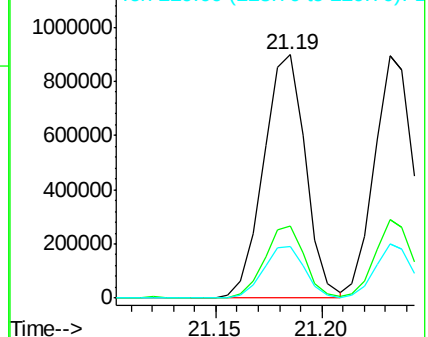
229 21.2 17.4 26.0



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

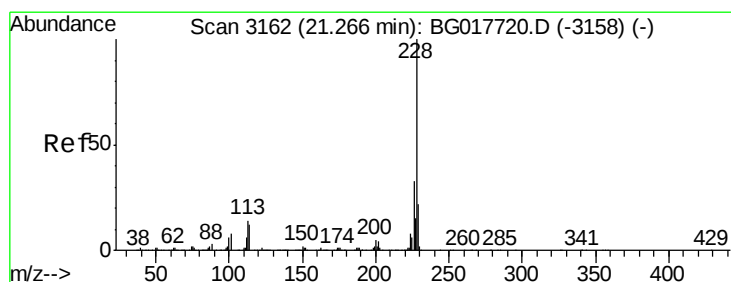
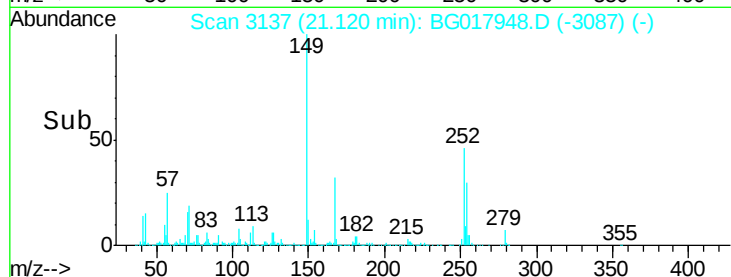
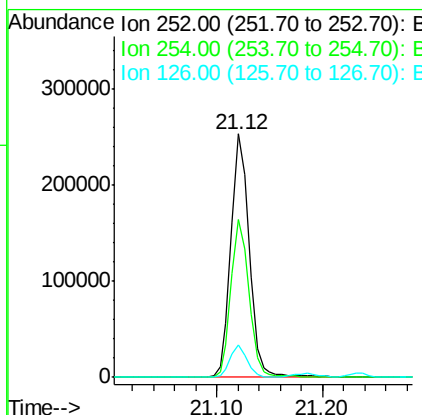
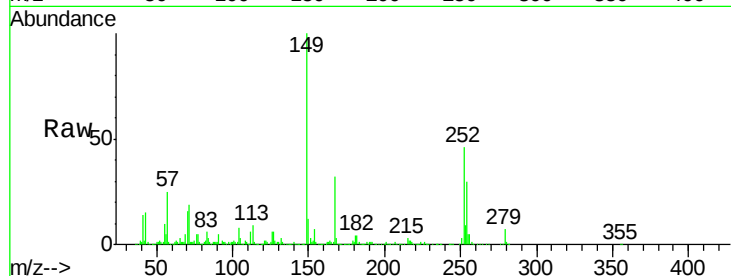




#81
 3,3'-Dichlorobenzidine
 Concen: 20.85 ng
 RT: 21.12 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

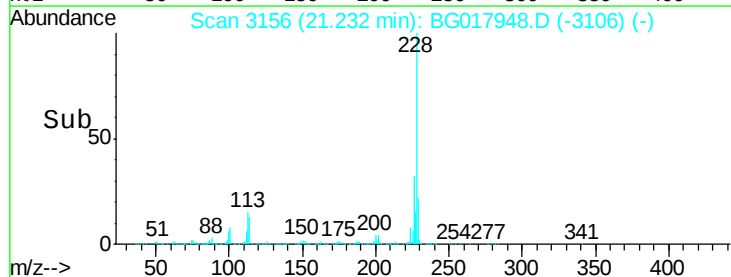
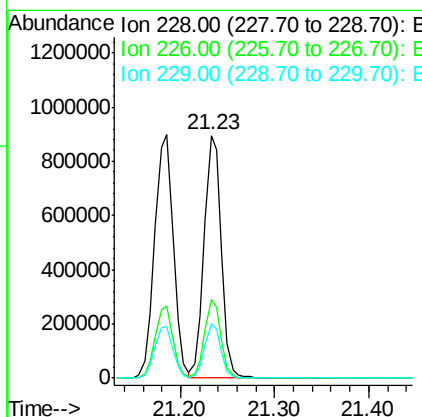
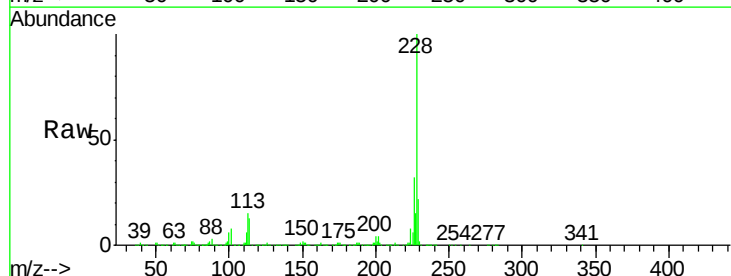
Instrument :
 BNA_G
 ClientSampleId :
 PB84497BS

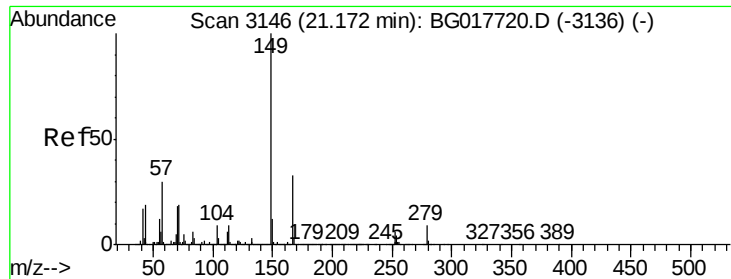
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.2	76.8
126	13.3	11.4	17.0



#82
 Chrysene
 Concen: 30.03 ng
 RT: 21.23 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	26.1	39.1
229	22.4	17.7	26.5

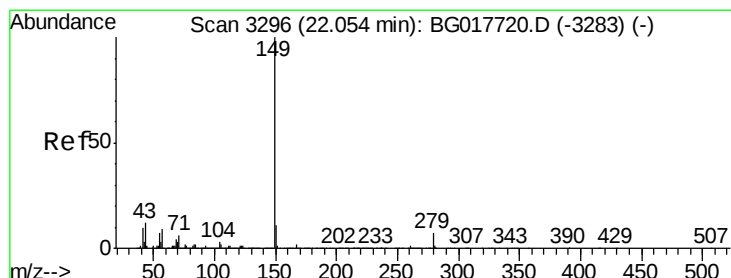
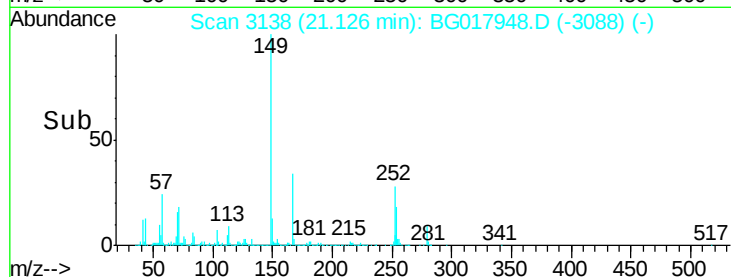
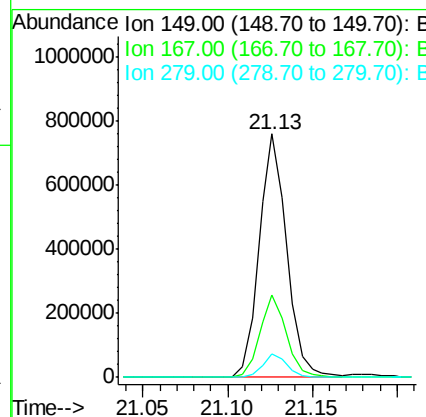
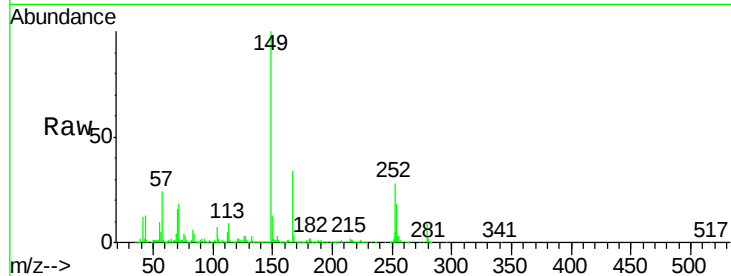




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.86 ng
 RT: 21.13 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

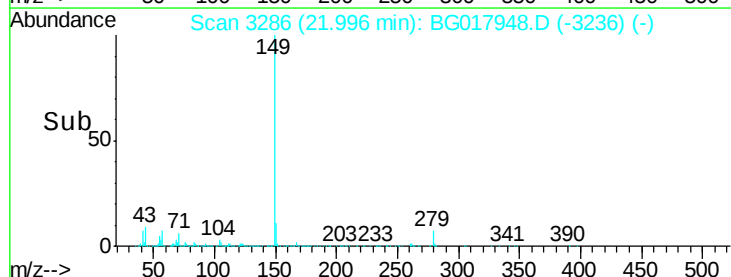
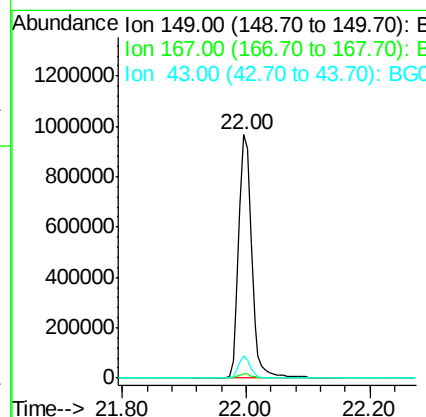
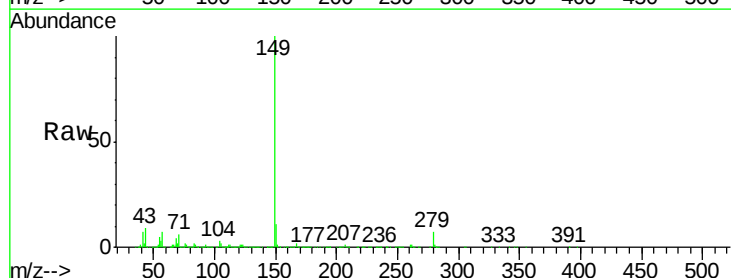
Instrument :
 BNA_G
 ClientSampleId :
 PB84497BS

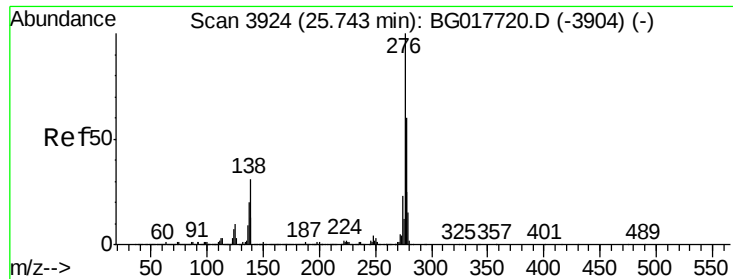
Tgt Ion:149 Resp: 857638
 Ion Ratio Lower Upper
 149 100
 167 33.7 26.6 39.8
 279 9.4 6.9 10.3



#84
 Di-n-octyl phthalate
 Concen: 34.14 ng
 RT: 22.00 min Scan# 3286
 Delta R.T. -0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

Tgt Ion:149 Resp: 1403413
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 8.2 9.7 14.5#

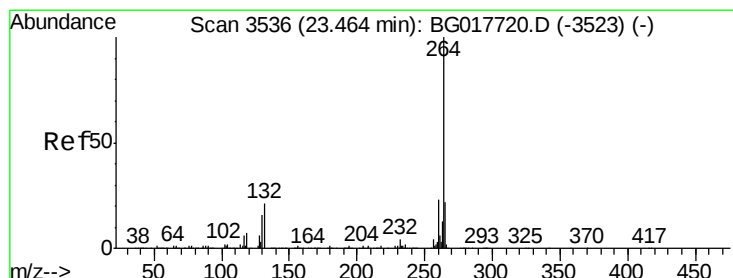
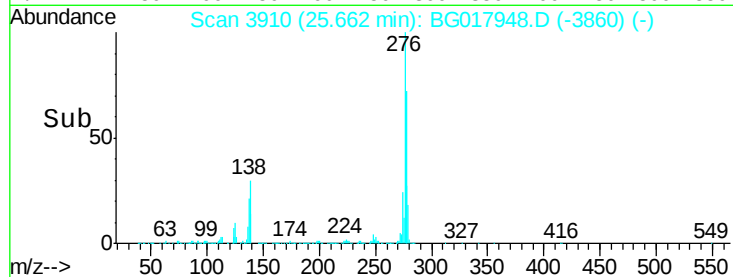
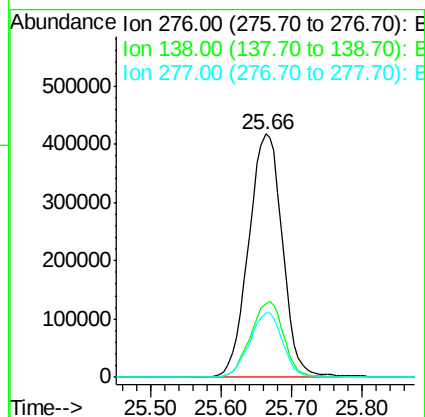
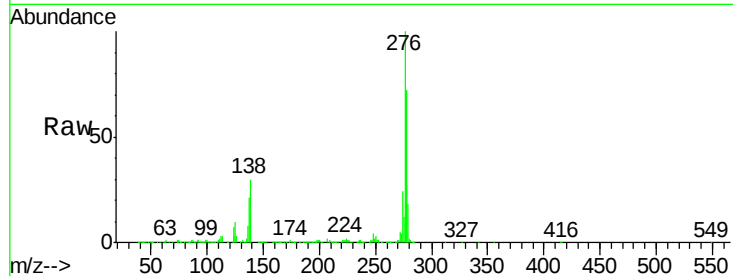




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.17 ng
 RT: 25.66 min Scan# 3910
 Delta R.T. -0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

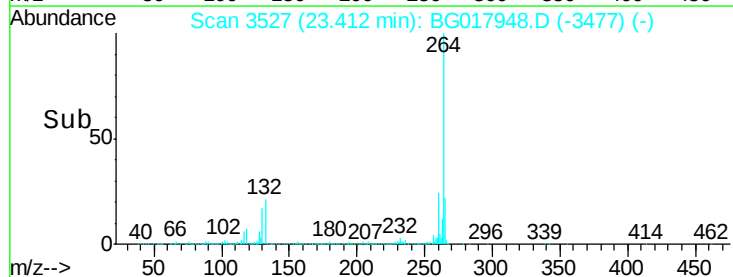
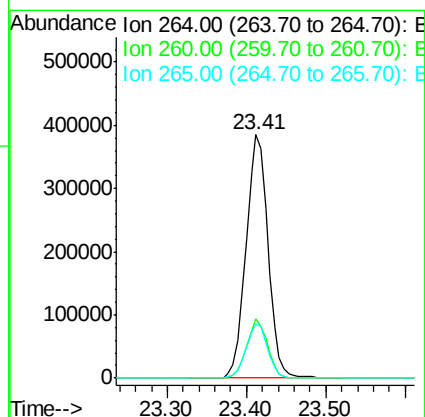
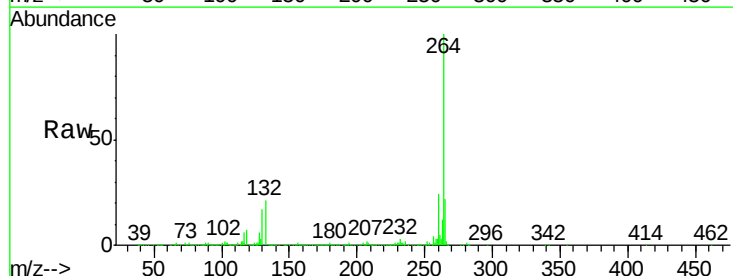
Instrument :
 BNA_G
 ClientSampled :
 PB84497BS

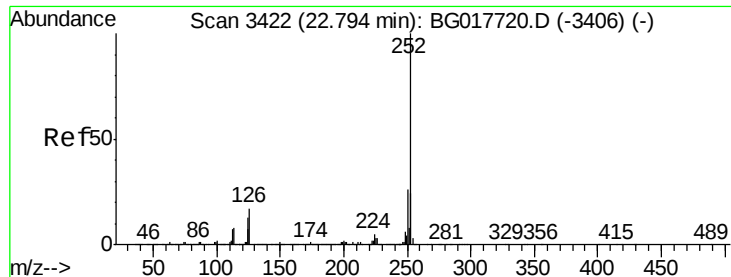
Tgt Ion:276 Resp: 1392819
 Ion Ratio Lower Upper
 276 100
 138 30.8 25.4 38.0
 277 26.1 21.0 31.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.41 min Scan# 3527
 Delta R.T. -0.00 min
 Lab File: BG017948.D
 Acq: 18 Jul 2015 5:54

Tgt Ion:264 Resp: 739070
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 27.8
 265 22.3 18.2 27.2





#87

Benzo(b)fluoranthene

Concen: 31.74 ng

RT: 22.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

Instrument :

BNA_G

ClientSampleId :

PB84497BS

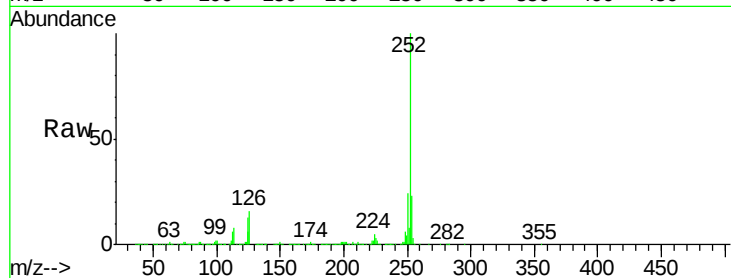
Tgt Ion:252 Resp: 1283609

Ion Ratio Lower Upper

252 100

253 23.2 19.7 29.5

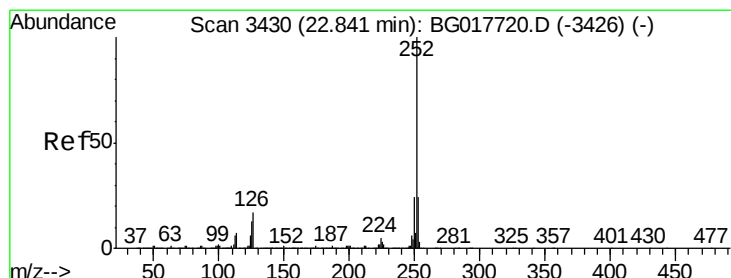
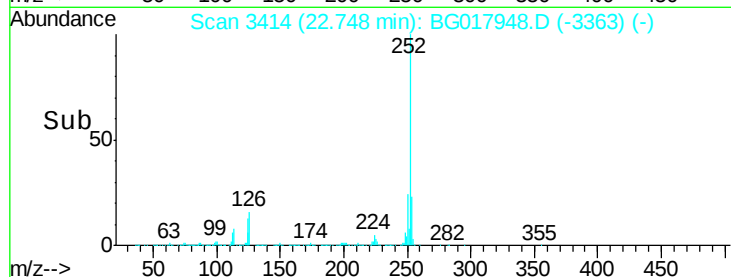
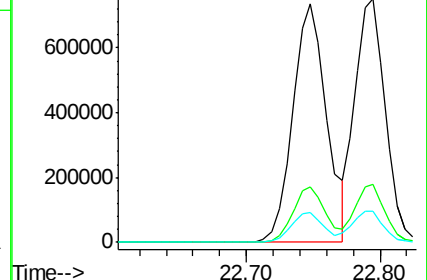
125 12.7 10.6 15.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 29.39 ng

RT: 22.79 min Scan# 3422

Delta R.T. 0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

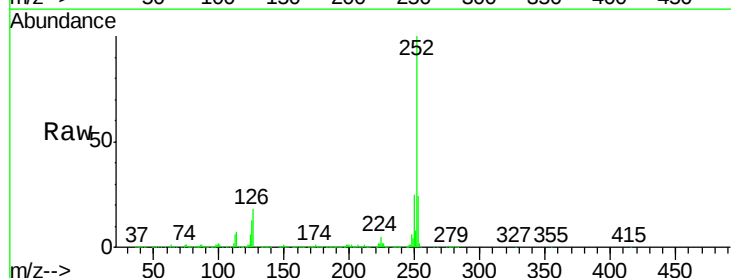
Tgt Ion:252 Resp: 1186776

Ion Ratio Lower Upper

252 100

253 23.8 19.0 28.6

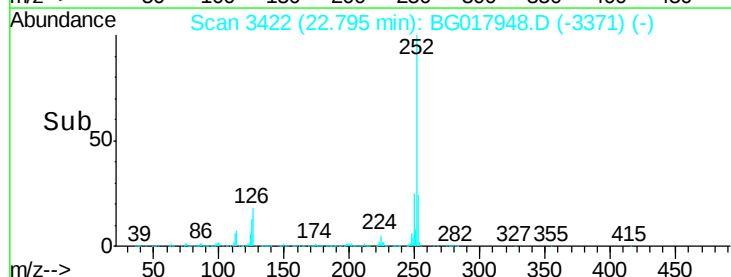
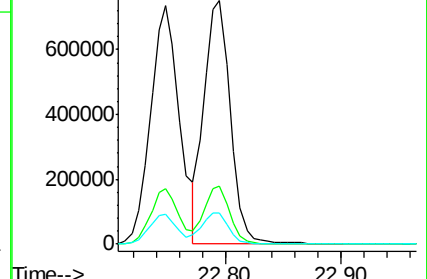
125 12.6 10.3 15.5

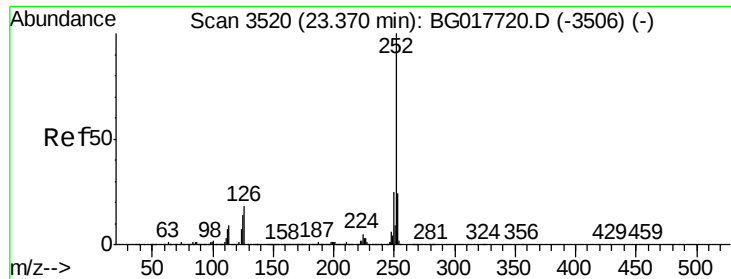


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 31.63 ng

RT: 23.32 min Scan# 3511

Delta R.T. 0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

Instrument :

BNA_G

ClientSampleId :

PB84497BS

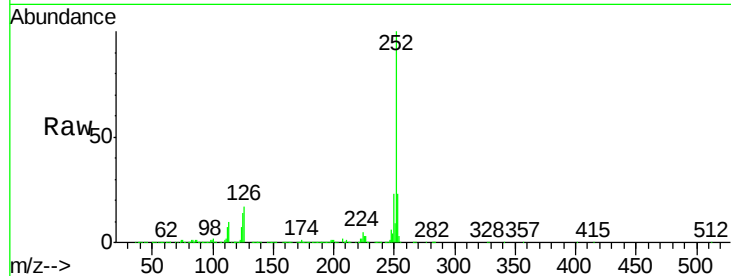
Tgt Ion:252 Resp: 1191587

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.0	28.6
125	14.0	11.1	16.7

252 100

253 22.5 19.0 28.6

125 14.0 11.1 16.7

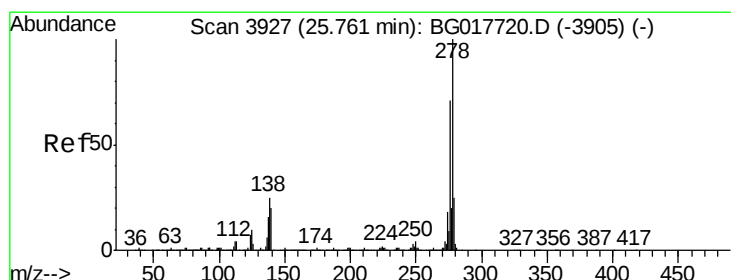
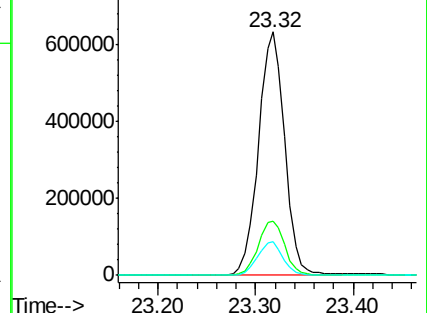
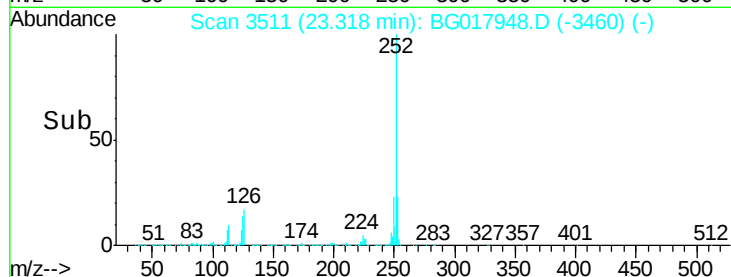


Abundance

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: 30.43 ng

RT: 25.68 min Scan# 3913

Delta R.T. 0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

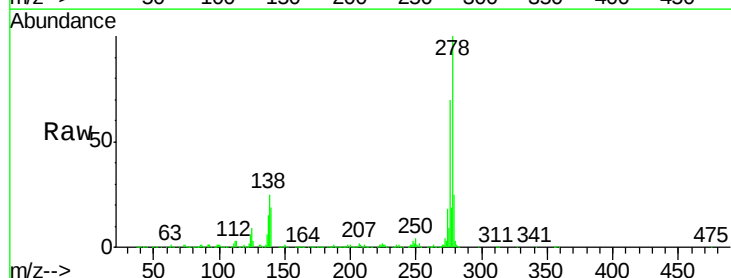
Tgt Ion:278 Resp: 1188614

Ion	Ratio	Lower	Upper
278	100		
139	18.8	16.2	24.2
279	24.7	19.9	29.9

278 100

139 18.8 16.2 24.2

279 24.7 19.9 29.9

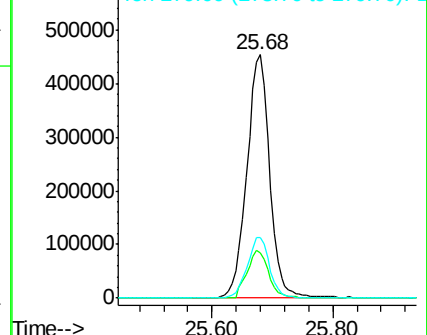
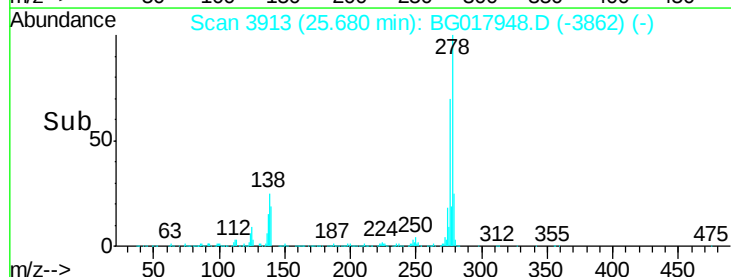


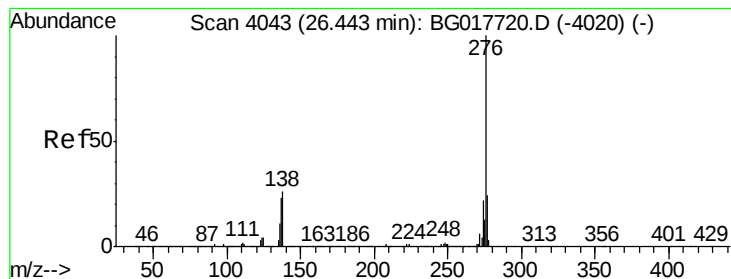
Abundance

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: 30.38 ng

RT: 26.35 min Scan# 4027

Delta R.T. -0.00 min

Lab File: BG017948.D

Acq: 18 Jul 2015 5:54

Instrument :

BNA_G

ClientSampleId :

PB84497BS

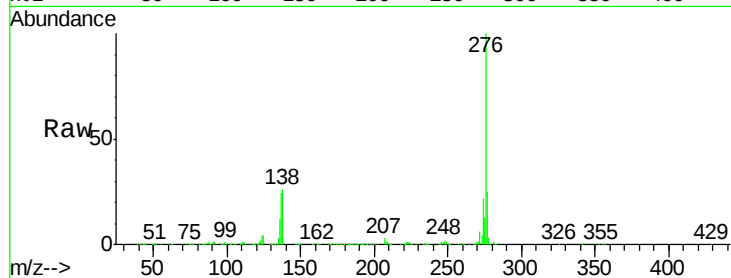
Tgt Ion:276 Resp: 1144349

Ion Ratio Lower Upper

276 100

277 25.0 18.9 28.3

138 25.6 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

