

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050615\
 Data File : BG016910.D
 Acq On : 6 May 2015 21:22
 Operator : TP/IZ
 Sample : PB83110BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83110BS

Quant Time: May 07 05:13:34 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 03:57:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	79402	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	354202	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	236485	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	537802	20.00	ng	0.00
75) Chrysene-d12	21.36	240	572474	20.00	ng	0.00
86) Perylene-d12	23.67	264	567070	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	494495	108.44	ng	0.00
7) Phenol-d6	6.97	99	686249	105.34	ng	0.00
23) Nitrobenzene-d5	8.96	82	430314	59.35	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	247778	104.37	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	867026	55.33	ng	0.00
78) Terphenyl-d14	19.81	244	1416796	58.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	50743	26.55	ng	# 1
3) Pyridine	3.68	79	149009	25.22	ng	92
4) n-Nitrosodimethylamine	3.61	42	112072	31.78	ng	100
6) Aniline	7.13	93	171698	18.77	ng	97
8) 2-Chlorophenol	7.37	128	173320	32.81	ng	97
9) Benzaldehyde	6.94	77	47639	8.83	ng	90
10) Phenol	7.00	94	241271	34.54	ng	96
11) bis(2-Chloroethyl)ether	7.23	93	166476	30.82	ng	99
12) 1,3-Dichlorobenzene	7.69	146	166785	28.63	ng	95
13) 1,4-Dichlorobenzene	7.84	146	174734	29.61	ng	100
14) 1,2-Dichlorobenzene	8.15	146	165887	29.29	ng	95
15) Benzyl Alcohol	8.04	79	185917	31.25	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.34	45	310006	31.00	ng	99
17) 2-Methylphenol	8.24	107	158872	32.29	ng	93
18) Hexachloroethane	8.88	117	72336	29.82	ng	94
19) n-Nitroso-di-n-propylamine	8.61	70	160885	28.16	ng	98
20) 3+4-Methylphenols	8.57	107	218623	32.25	ng	98
22) Acetophenone	8.62	105	255936	30.34	ng	# 99
24) Nitrobenzene	9.00	77	224875	30.71	ng	97
25) Isophorone	9.52	82	412671	28.19	ng	98
26) 2-Nitrophenol	9.71	139	93933	31.51	ng	95
27) 2,4-Dimethylphenol	9.77	122	177606	32.92	ng	97
28) bis(2-Chloroethoxy)methane	10.00	93	223129	30.19	ng	# 95
29) 2,4-Dichlorophenol	10.24	162	166910	32.75	ng	98
30) 1,2,4-Trichlorobenzene	10.45	180	158468	29.32	ng	95
31) Naphthalene	10.65	128	514569	29.21	ng	99
32) Benzoic acid	9.89	122	117320	38.61	ng	# 86
33) 4-Chloroaniline	10.75	127	105031	12.91	ng	94
34) Hexachlorobutadiene	10.93	225	93464	27.63	ng	93
35) Caprolactam	11.52	113	86538m	32.68	ng	
36) 4-Chloro-3-methylphenol	11.87	107	217296	33.29	ng	95
37) 2-Methylnaphthalene	12.26	142	390048	29.07	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	177512	27.77	ng	# 100
40) Hexachlorocyclopentadiene	12.61	237	234775	56.87	ng	97

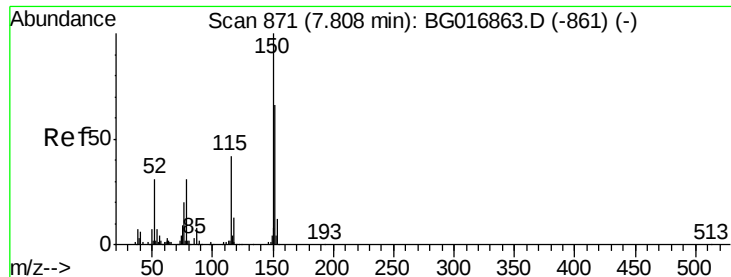
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050615\
 Data File : BG016910.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	132711	29.29	nq	94
43) 2,4,5-Trichlorophenol	12.94	196	146880	30.54	nq	95
45) 1,1'-Biphenyl	13.27	154	496999	29.35	nq	98
46) 2-Chloronaphthalene	13.31	162	390598	29.13	nq	95
47) 2-Nitroaniline	13.52	65	164953	35.34	nq	98
48) Acenaphthylene	14.16	152	668902	28.64	nq	99
49) Dimethylphthalate	13.90	163	524711	29.71	nq	99
50) 2,6-Dinitrotoluene	14.02	165	122912	33.52	nq	95
51) Acenaphthene	14.51	154	399691	28.76	nq	96
52) 3-Nitroaniline	14.34	138	88349	21.18	nq	91
53) 2,4-Dinitrophenol	14.55	184	125633	74.92	nq	# 87
54) Dibenzofuran	14.83	168	606899	30.75	nq	94
55) 4-Nitrophenol	14.65	139	247776	70.06	nq	95
56) 2,4-Dinitrotoluene	14.80	165	171889	36.65	nq	98
57) Fluorene	15.49	166	531903	30.44	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.06	232	132079	31.83	nq	# 76
59) Diethylphthalate	15.27	149	568502	30.50	nq	99
60) 4-Chlorophenyl-phenylether	15.48	204	255624	29.12	nq	95
61) 4-Nitroaniline	15.51	138	150476	31.12	nq	99
62) Azobenzene	15.77	77	636064	32.95	nq	96
64) 4,6-Dinitro-2-methylphenol	15.56	198	84858	31.82	nq	88
65) n-Nitrosodiphenylamine	15.70	169	462478	28.17	nq	96
66) 4-Bromophenyl-phenylether	16.38	248	159483	29.54	nq	97
67) Hexachlorobenzene	16.49	284	163824	28.78	nq	94
68) Atrazine	16.65	200	183326	31.03	nq	94
69) Pentachlorophenol	16.83	266	237540	64.27	nq	97
70) Phenanthrene	17.23	178	826527	29.86	nq	99
71) Anthracene	17.31	178	833319	29.85	nq	99
72) Carbazole	17.58	167	820315	30.90	nq	99
73) Di-n-butylphthalate	18.15	149	1048547	30.47	nq	99
74) Fluoranthene	19.24	202	951322	29.63	nq	99
76) Benzidine	19.42	184	385547	19.82	nq	99
77) Pyrene	19.61	202	982896	29.09	nq	99
79) Butylbenzylphthalate	20.50	149	473691	29.50	nq	97
80) Benzo(a)anthracene	21.34	228	904842	29.46	nq	98
81) 3,3'-Dichlorobenzidine	21.28	252	234343	19.54	nq	96
82) Chrysene	21.40	228	846392	29.42	nq	98
83) Bis(2-ethylhexyl)phthalate	21.28	149	652829	29.72	nq	98
84) Di-n-octyl phthalate	22.17	149	1101468	29.85	nq	# 100
85) Indeno(1,2,3-cd)pyrene	26.03	276	1015838	29.63	nq	# 100
87) Benzo(b)fluoranthene	22.97	252	918383	29.07	nq	98
88) Benzo(k)fluoranthene	23.01	252	854266	28.11	nq	99
89) Benzo(a)pyrene	23.56	252	874936	29.70	nq	98
90) Dibenzo(a,h)anthracene	26.05	278	860356	28.59	nq	97
91) Benzo(g,h,i)perylene	26.76	276	832757	29.06	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.80 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

Instrument :

BNA_G

ClientSampleId :

PB83110BS

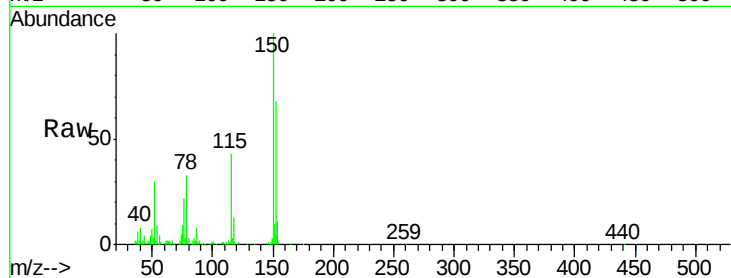
Tot Ion:152 Resp: 79402

Ion Ratio Lower Upper

152 100

150 147.3 121.0 181.4

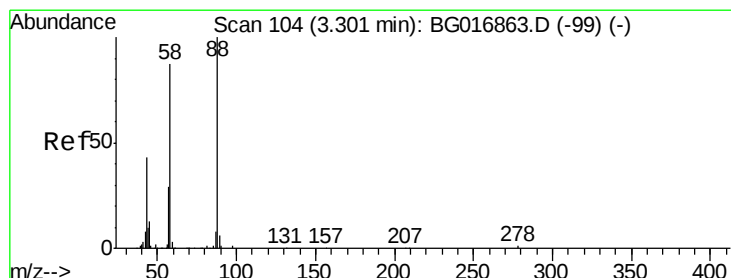
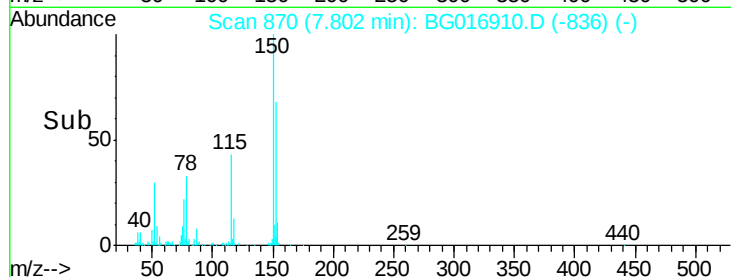
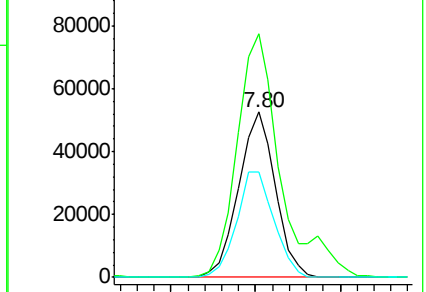
115 63.7 50.5 75.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.55 ng

RT: 3.30 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

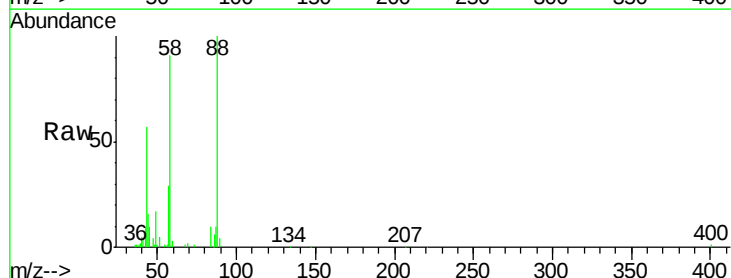
Tgt Ion: 88 Resp: 50743

Ion Ratio Lower Upper

88 100

58 84.7 0.1 0.1#

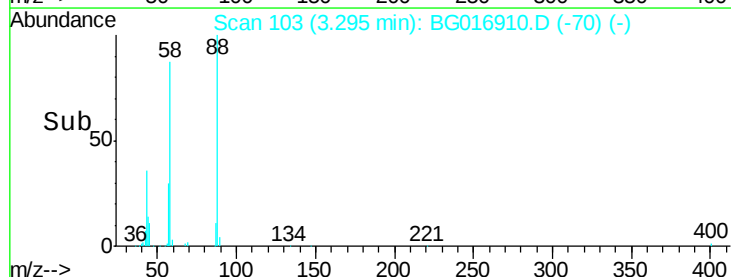
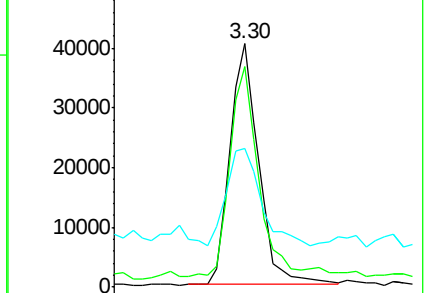
43 47.9 1.3 1.9#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 25.22 ng

RT: 3.68 min Scan# 169

Delta R.T. -0.01 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

Instrument :

BNA_G

ClientSampleId :

PB83110BS

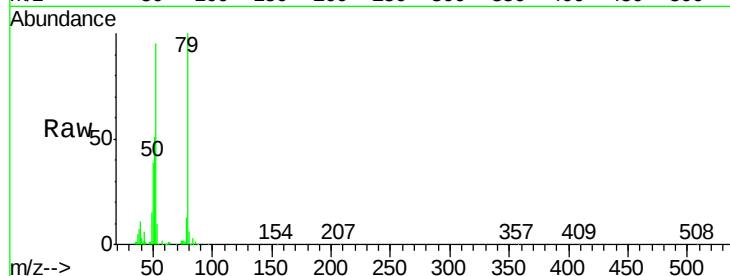
Tot Ion: 79 Resp: 149009

Ion Ratio Lower Upper

79 100

52 94.9 68.5 102.7

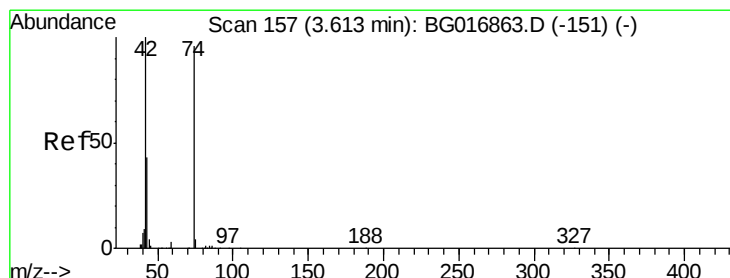
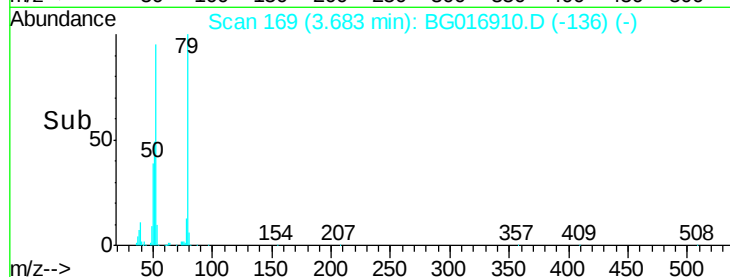
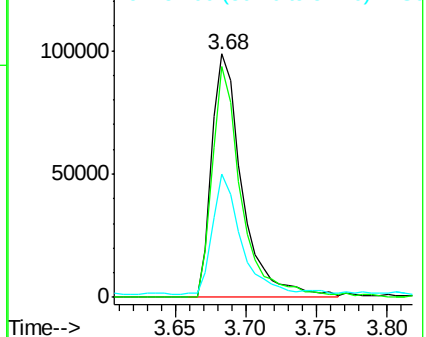
51 50.7 37.8 56.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 31.78 ng

RT: 3.61 min Scan# 156

Delta R.T. 0.00 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

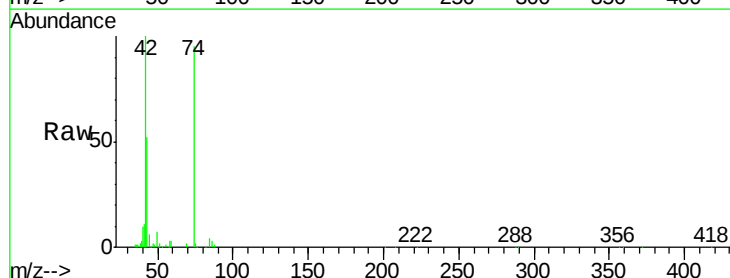
Tgt Ion: 42 Resp: 112072

Ion Ratio Lower Upper

42 100

74 94.8 76.2 114.2

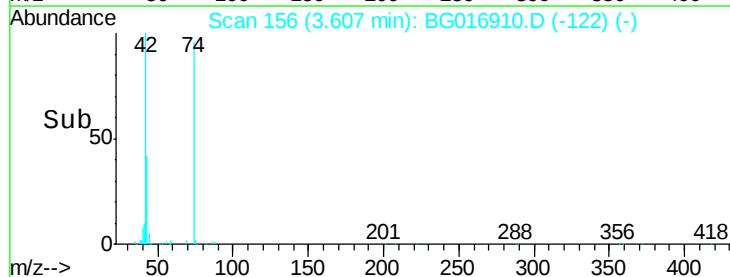
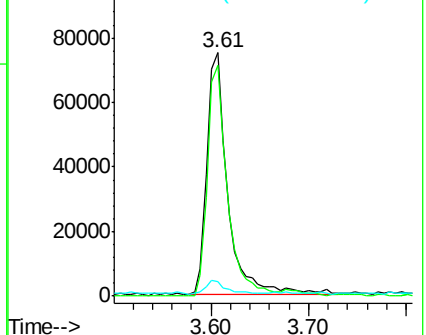
44 6.0 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 108.44 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

Instrument :

BNA_G

ClientSampleId :

PB83110BS

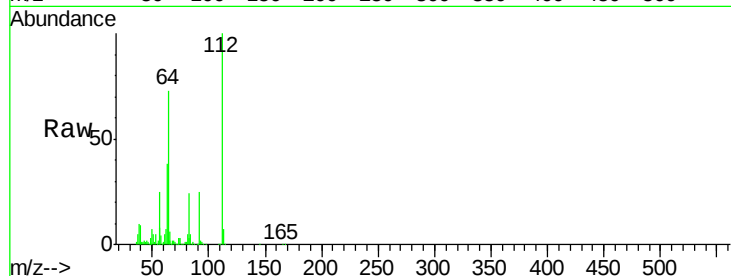
Tot Ion:112 Resp: 494495

Ion Ratio Lower Upper

112 100

64 72.9 51.4 77.2

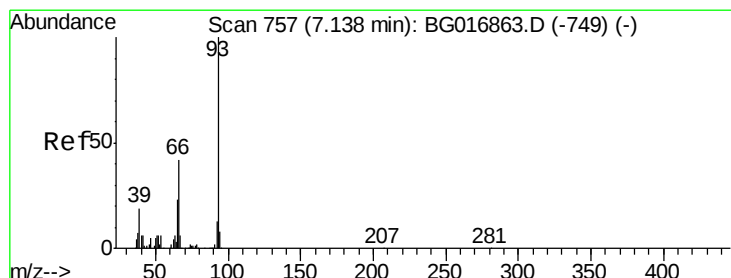
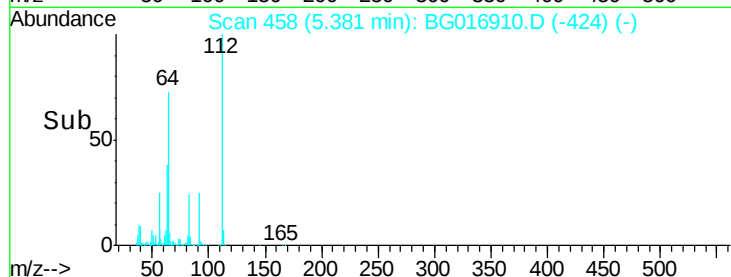
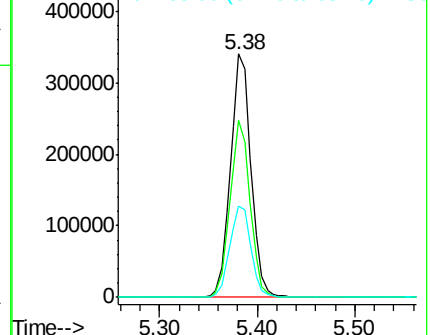
63 37.6 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.77 ng

RT: 7.13 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

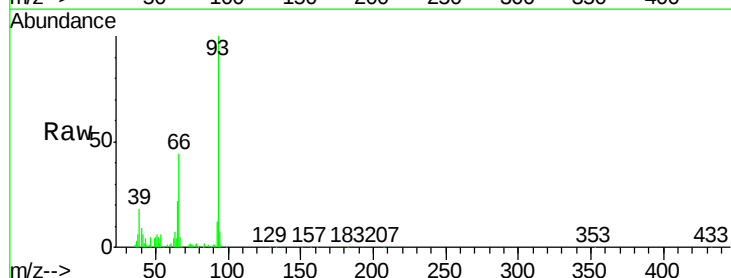
Tgt Ion: 93 Resp: 171698

Ion Ratio Lower Upper

93 100

66 44.5 33.8 50.6

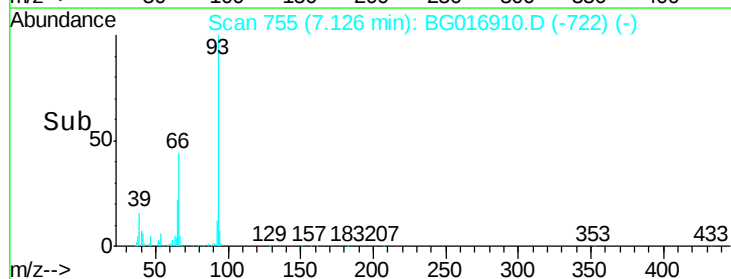
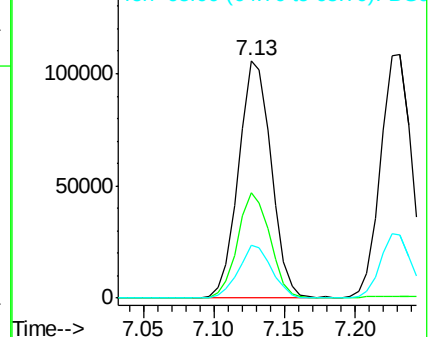
65 22.5 18.7 28.1

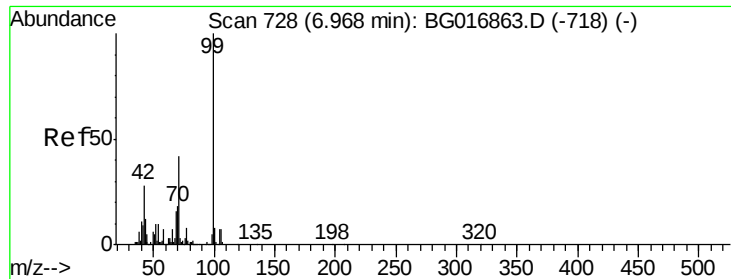


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 105.34 ng

RT: 6.97 min Scan# 728

Delta R.T. 0.00 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

Instrument :

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ClientSampleId :

PB83110BS

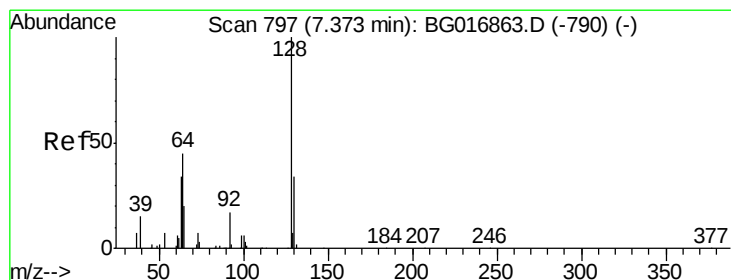
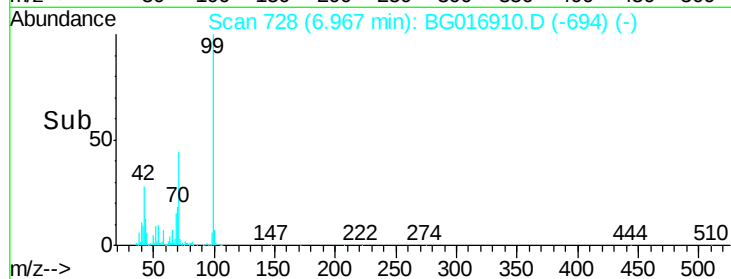
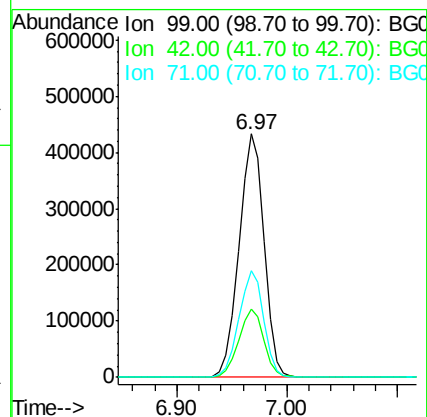
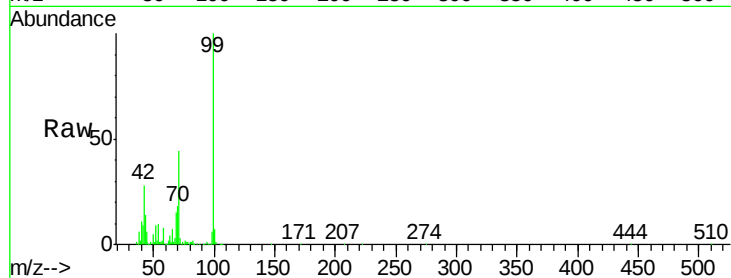
Tot Ion: 99 Resp: 686249

Ion Ratio Lower Upper

99 100

42 27.9 22.1 33.1

71 43.6 33.4 50.0



#8

2-Chlorophenol

Concen: 32.81 ng

RT: 7.37 min Scan# 796

Delta R.T. 0.00 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

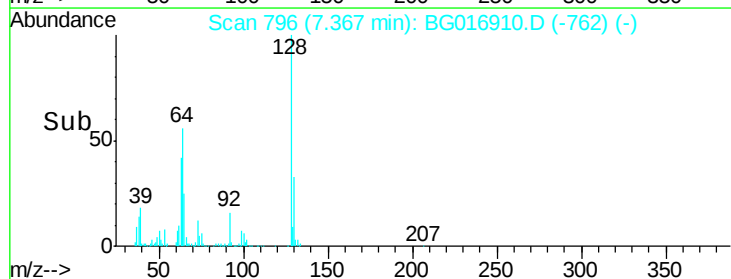
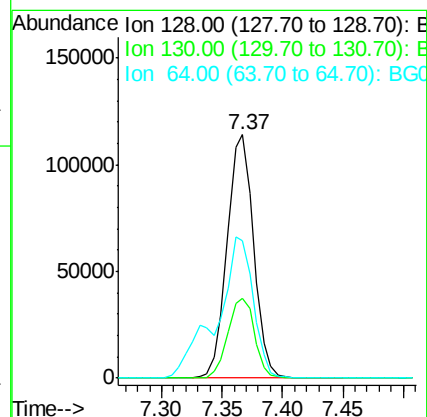
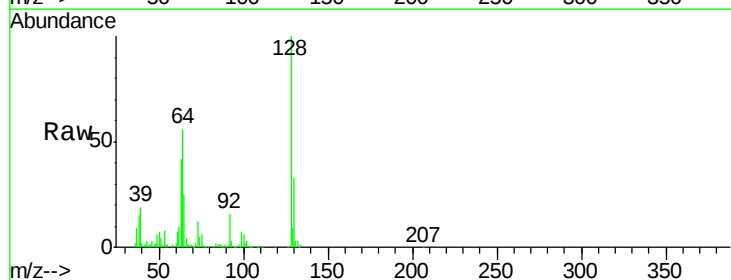
Tgt Ion: 128 Resp: 173320

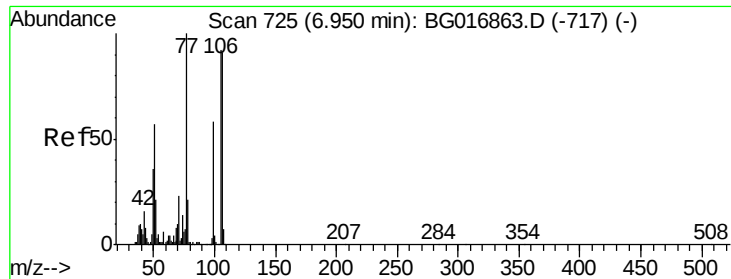
Ion Ratio Lower Upper

128 100

130 32.5 14.4 54.4

64 56.4 38.4 78.4





#9

Benzaldehyde

Concen: 8.83 ng

RT: 6.94 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

Instrument :

BNA_G

ClientSampleId :

PB83110BS

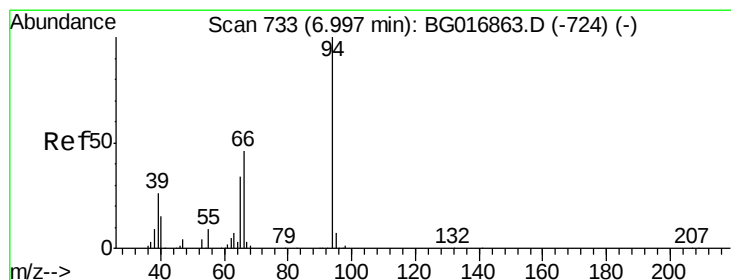
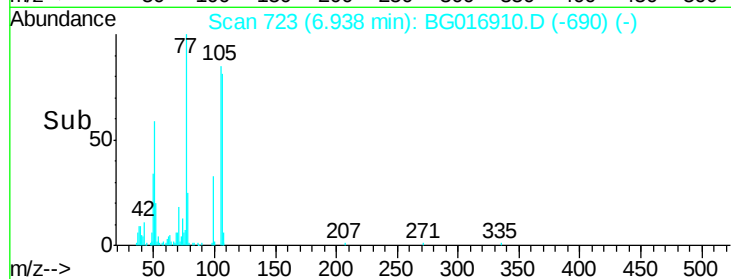
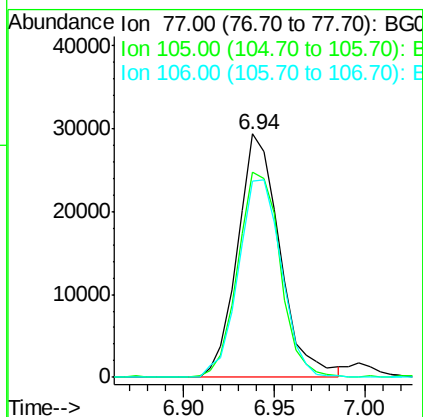
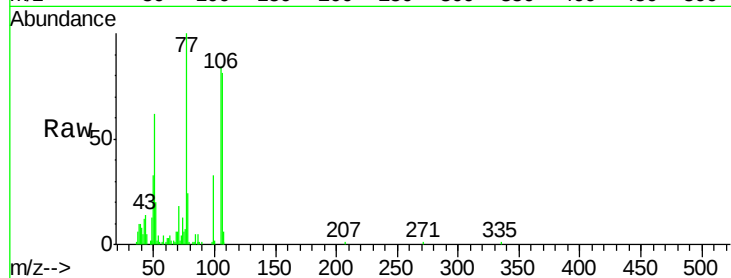
Tot Ion: 77 Resp: 47639

Ion Ratio Lower Upper

77 100

105 84.1 71.6 111.6

106 80.7 71.5 111.5



#10

Phenol

Concen: 34.54 ng

RT: 7.00 min Scan# 733

Delta R.T. 0.01 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

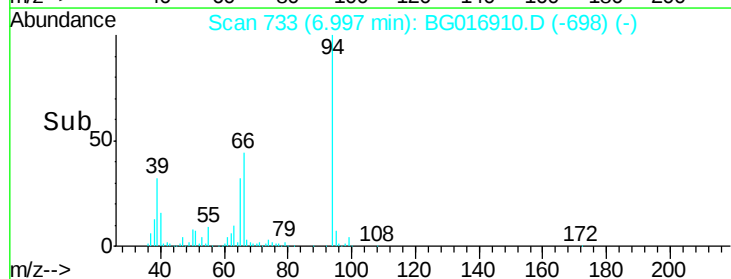
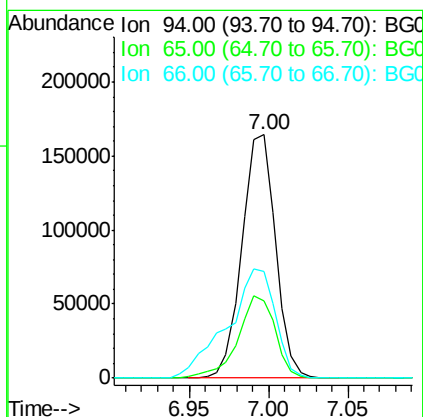
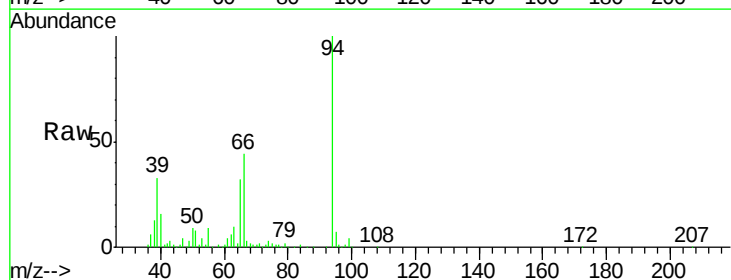
Tgt Ion: 94 Resp: 241271

Ion Ratio Lower Upper

94 100

65 31.8 14.3 54.3

66 44.1 26.9 66.9

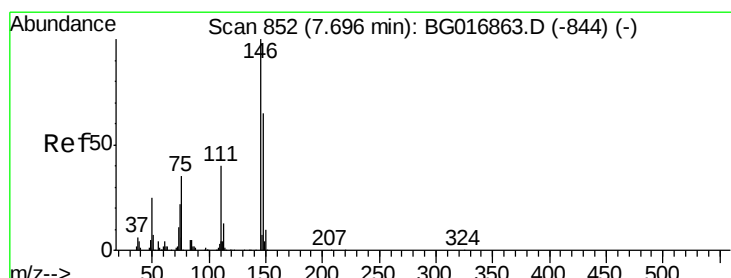
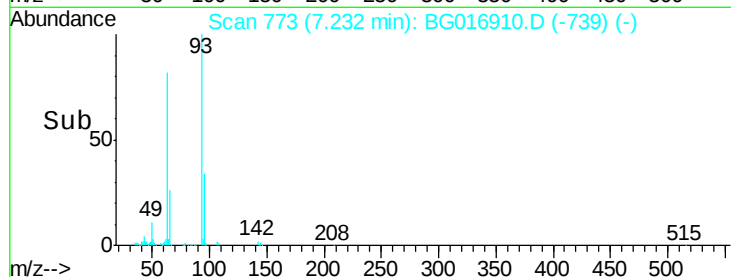
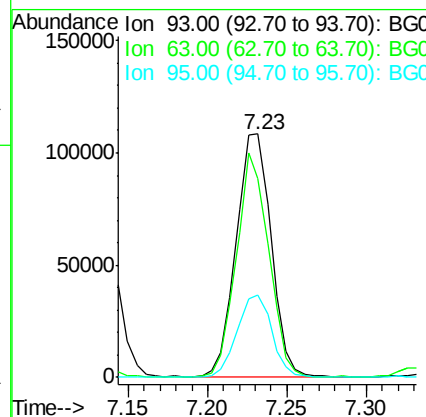
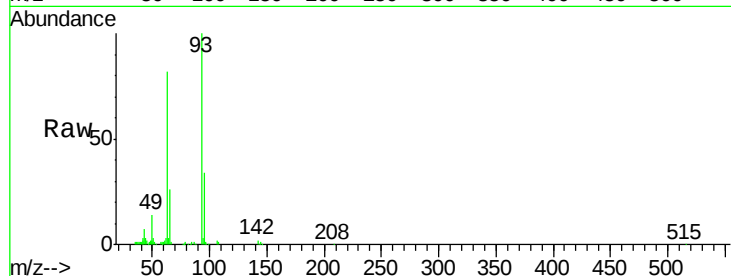




#11
bis(2-Chloroethyl)ether
Concen: 30.82 ng
RT: 7.23 min Scan# 773
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

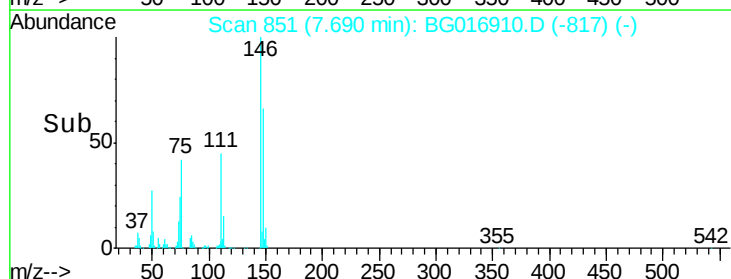
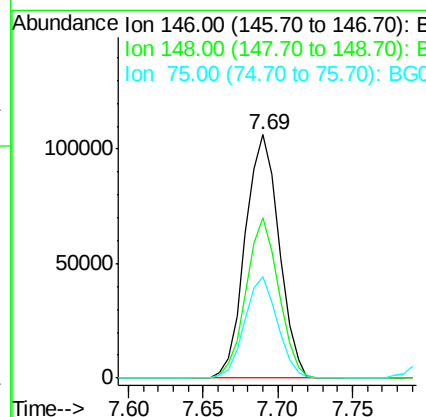
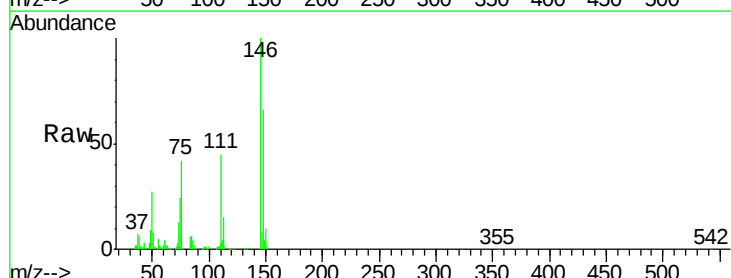
Instrument :
BNA_G
ClientSampleId :
PB83110BS

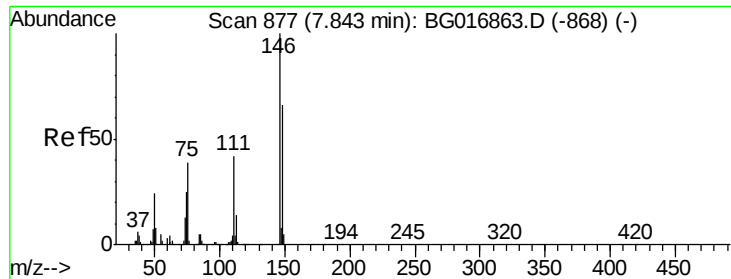
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.6	61.2	101.2
95	33.9	15.0	55.0



#12
1,3-Dichlorobenzene
Concen: 28.63 ng
RT: 7.69 min Scan# 851
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.9	77.9
75	41.8	28.2	42.2

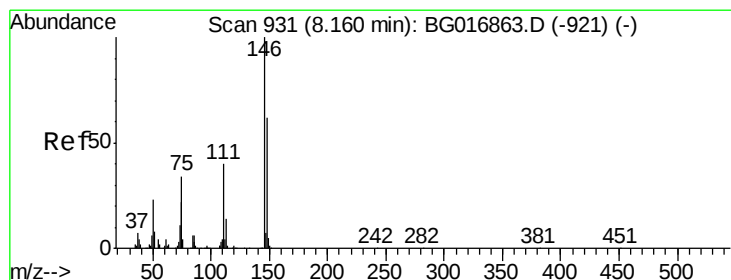
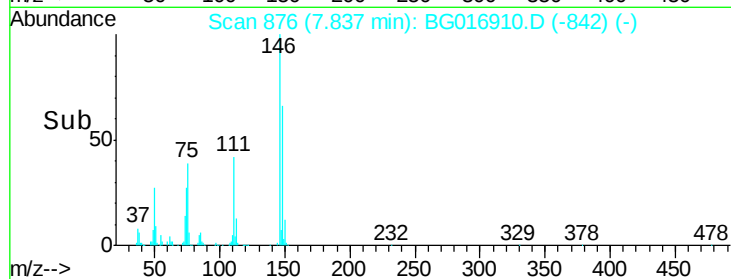
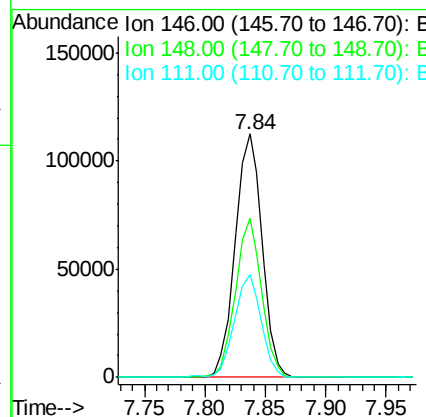
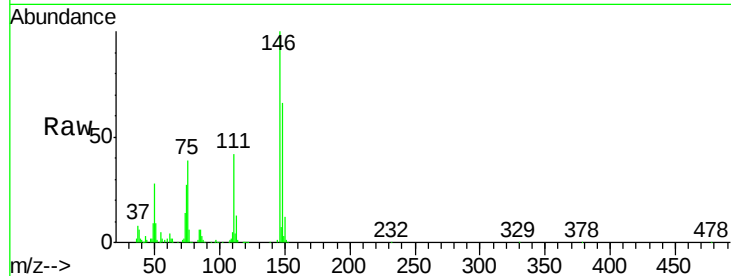




#13
 1,4-Dichlorobenzene
 Concen: 29.61 ng
 RT: 7.84 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BG016910.D
 Acq: 6 May 2015 21:22

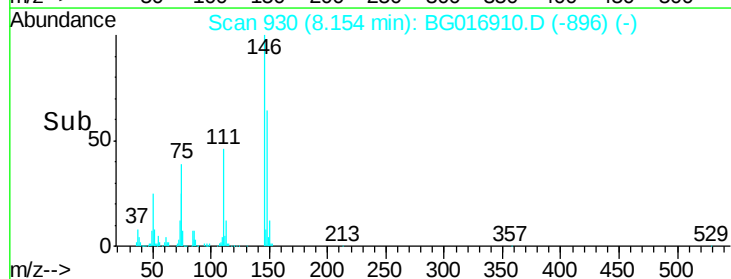
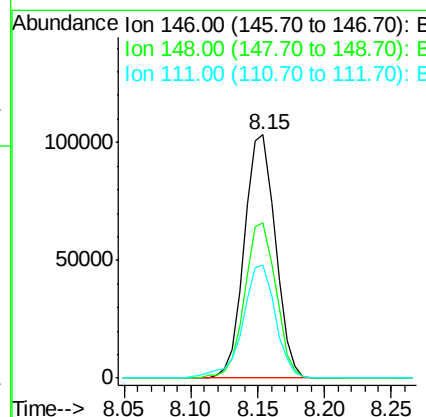
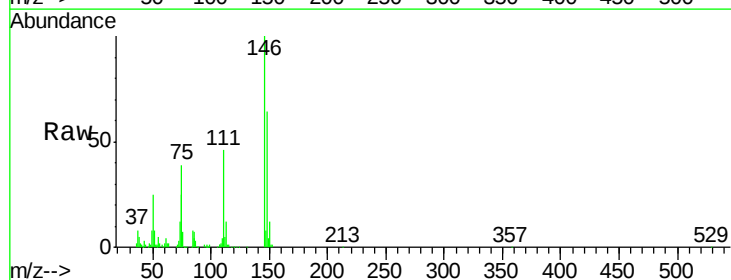
Instrument :
 BNA_G
 ClientSampleId :
 PB83110BS

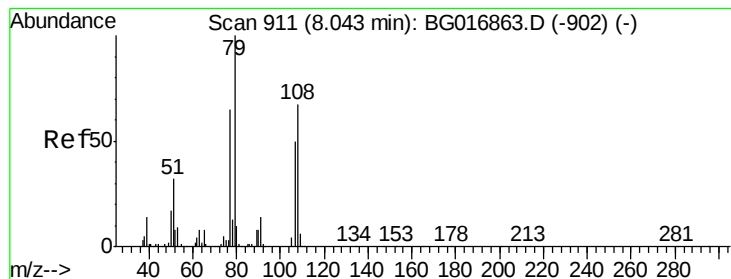
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.8	79.2
111	42.1	33.9	50.9



#14
 1,2-Dichlorobenzene
 Concen: 29.29 ng
 RT: 8.15 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BG016910.D
 Acq: 6 May 2015 21:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	49.9	74.9
111	46.3	32.1	48.1





#15

Benzyl Alcohol

Concen: 31.25 ng

RT: 8.04 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

Instrument :

BNA_G

ClientSampleId :

PB83110BS

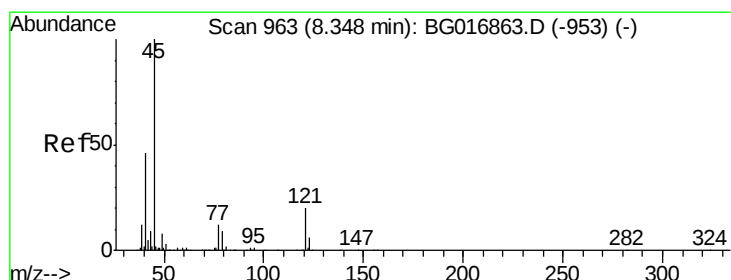
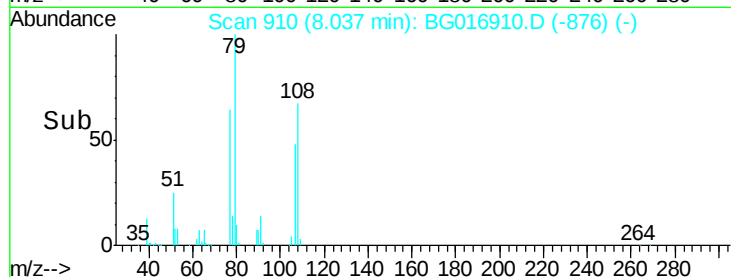
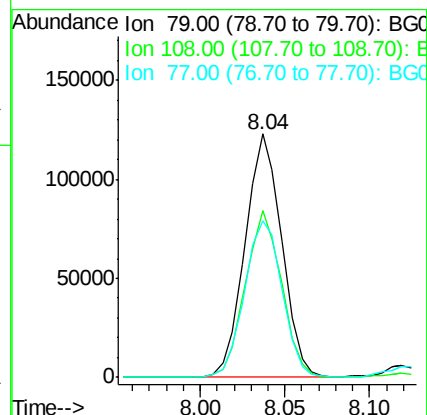
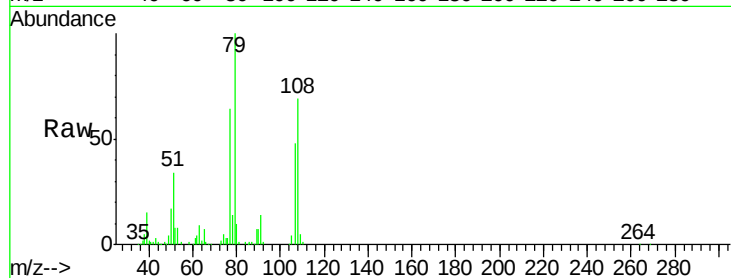
Tot Ion: 79 Resp: 185917

Ion Ratio Lower Upper

79 100

108 68.6 53.4 80.2

77 64.4 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.00 ng

RT: 8.34 min Scan# 961

Delta R.T. -0.01 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

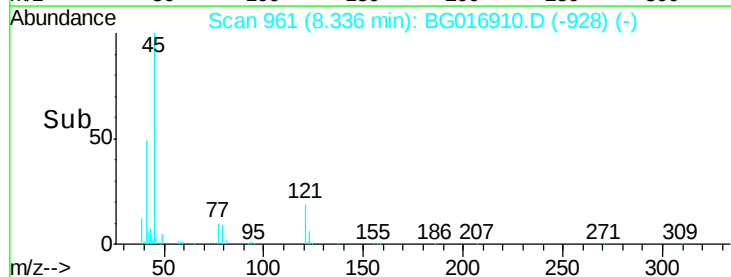
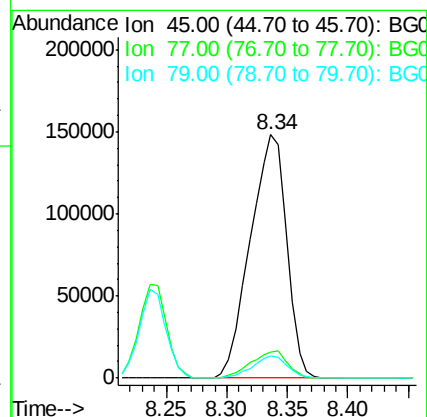
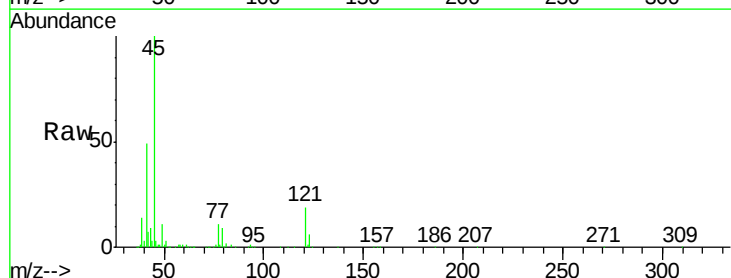
Tgt Ion: 45 Resp: 310006

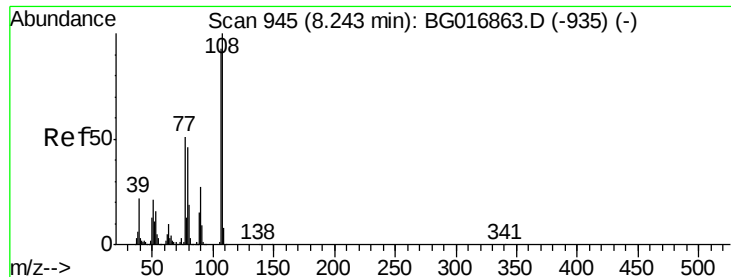
Ion Ratio Lower Upper

45 100

77 10.8 0.0 31.8

79 9.1 0.0 29.1

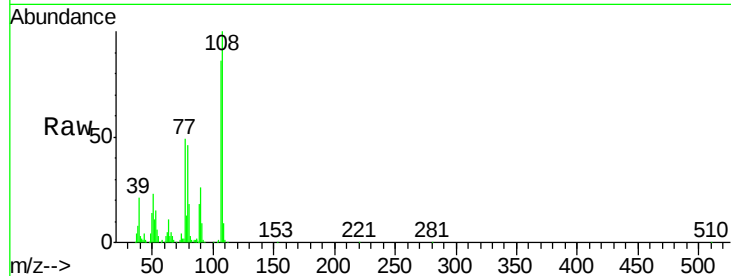




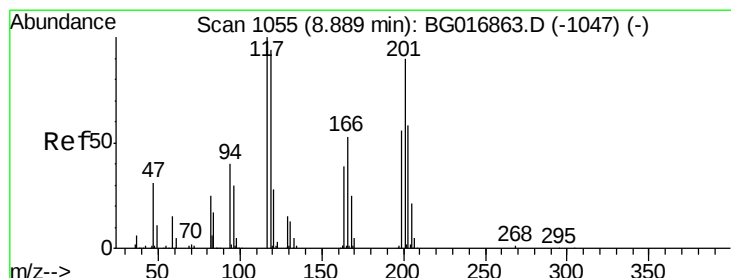
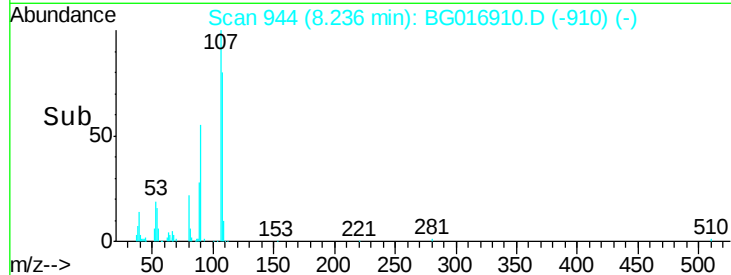
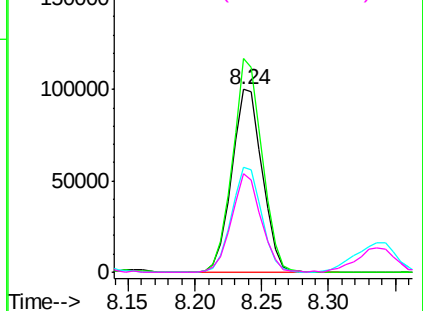
#17
2-Methylphenol
Concen: 32.29 ng
RT: 8.24 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

Instrument :
BNA_G
ClientSampleId :
PB83110BS

Tot Ion:107 Resp: 158872
Ion Ratio Lower Upper
107 100
108 116.8 85.9 128.9
77 57.2 43.8 65.6
79 53.8 39.8 59.6

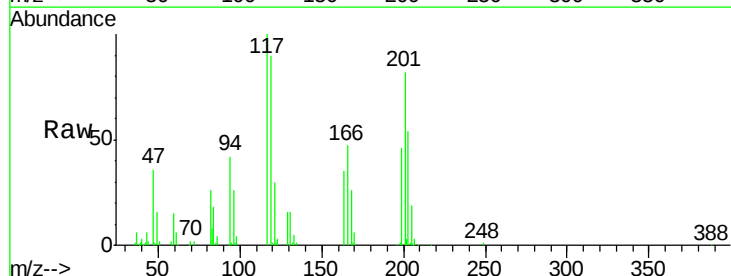


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

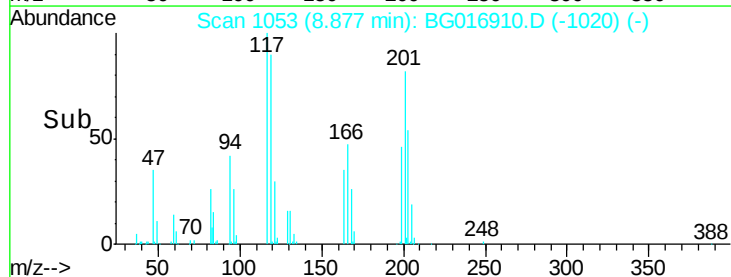
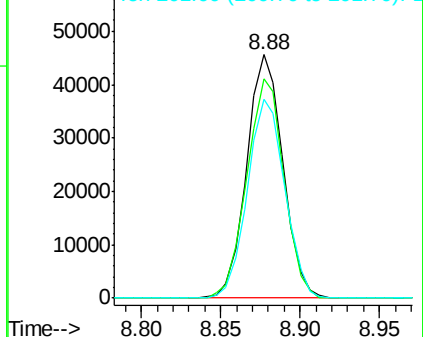


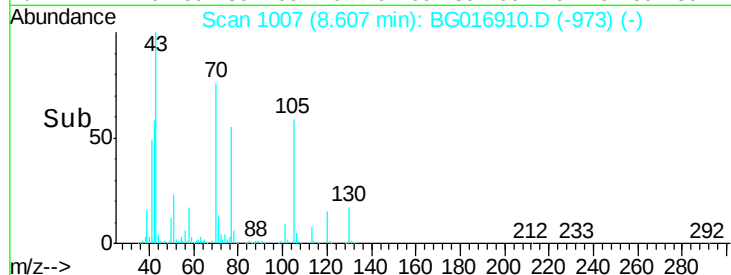
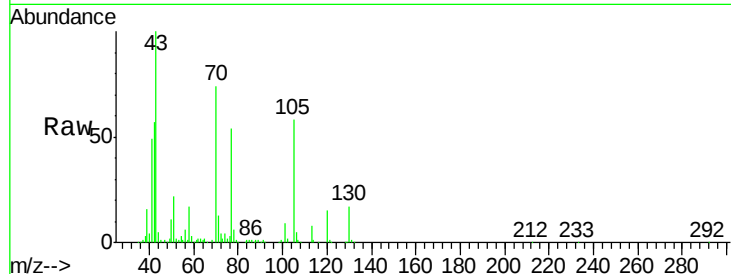
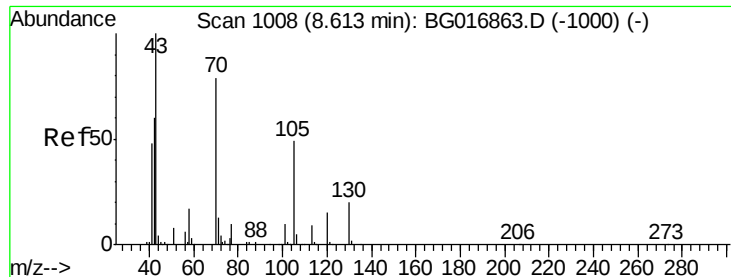
#18
Hexachloroethane
Concen: 29.82 ng
RT: 8.88 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

Tgt Ion:117 Resp: 72336
Ion Ratio Lower Upper
117 100
119 90.0 74.8 112.2
201 81.8 72.1 108.1



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

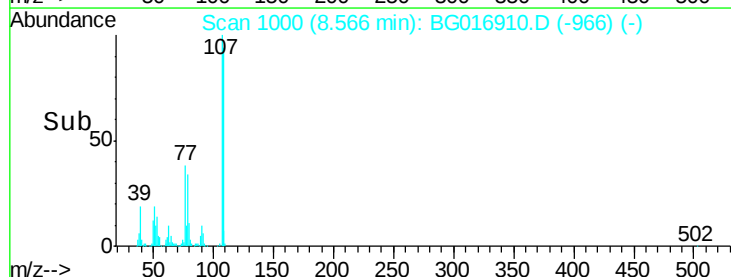
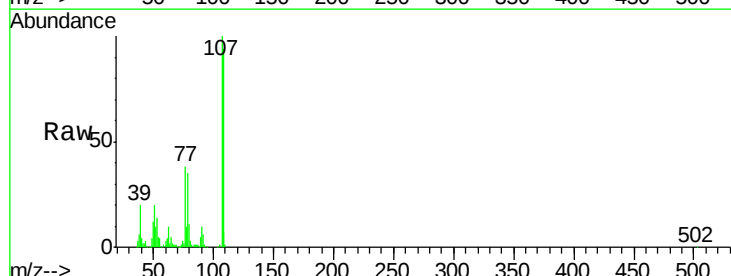
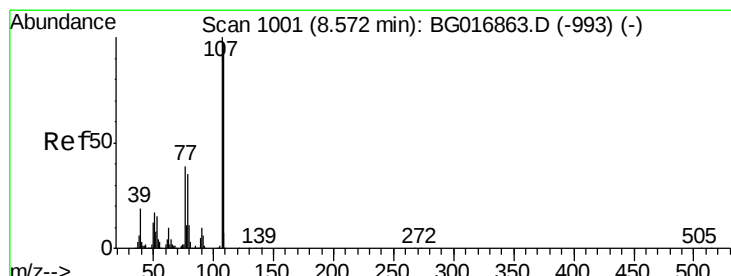
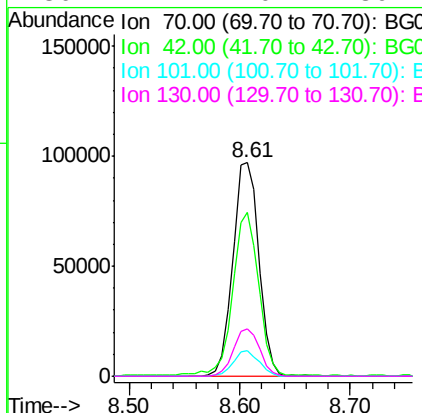




#19
n-Nitroso-di-n-propylamine
Concen: 28.16 ng
RT: 8.61 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

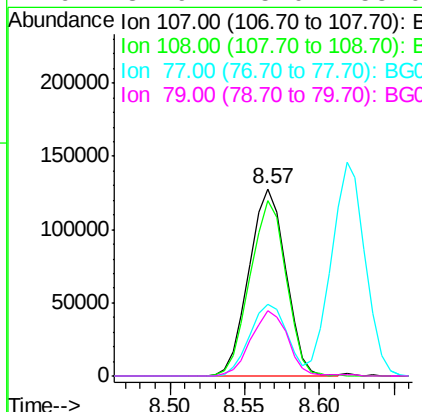
Instrument :
BNA_G
ClientSampleId :
PB83110BS

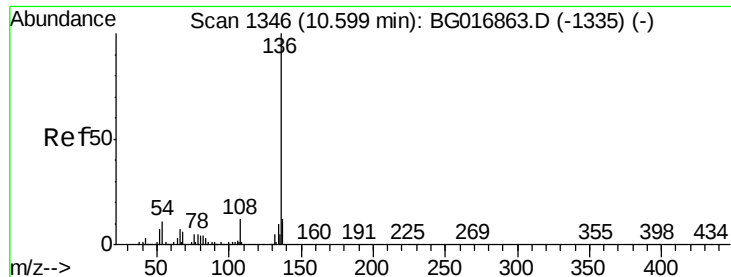
Tot Ion:	70	Resp:	160885
Ion	Ratio	Lower	Upper
70	100		
42	76.7	61.5	92.3
101	12.0	9.8	14.6
130	22.2	20.2	30.4



#20
3+4-Methylphenols
Concen: 32.25 ng
RT: 8.57 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

Tgt Ion:	107	Resp:	218623
Ion	Ratio	Lower	Upper
107	100		
108	93.5	76.6	116.6
77	38.5	19.0	59.0
79	34.9	15.0	55.0

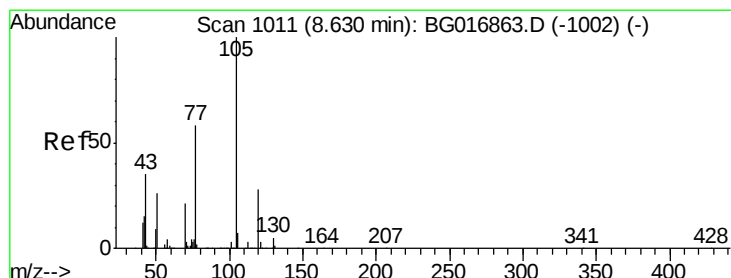
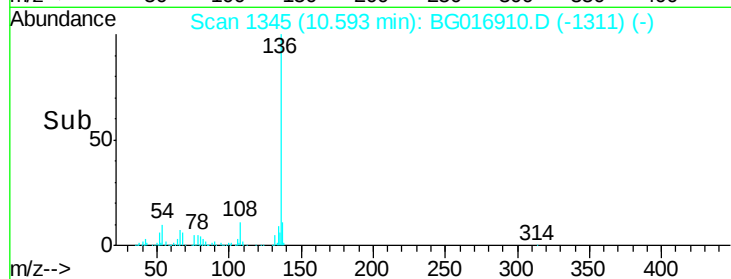
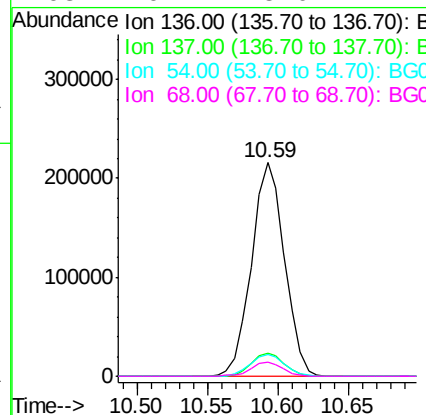
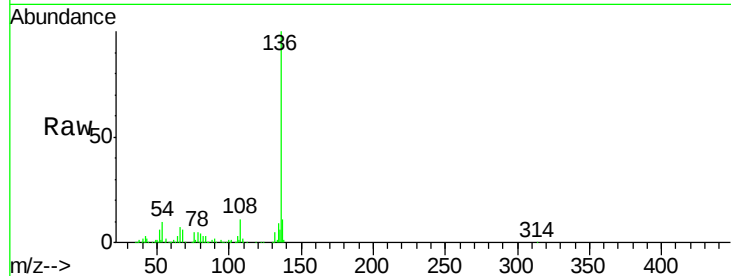




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

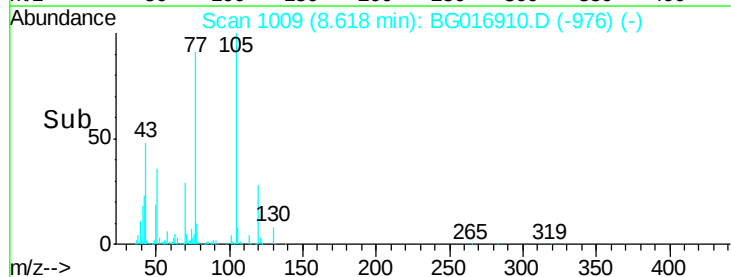
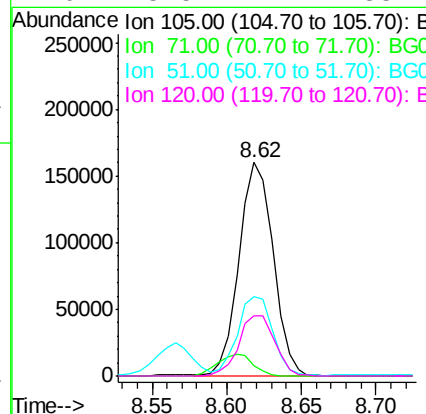
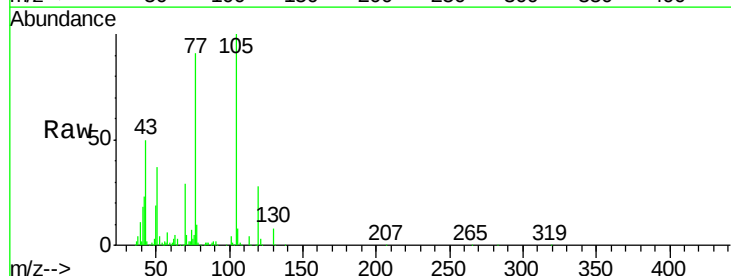
Instrument :
BNA_G
ClientSampleId :
PB83110BS

Tot Ion:136	Resp:	354202
Ion Ratio	Lower	Upper
136 100		
137 11.1	9.8	14.8
54 10.0	8.7	13.1
68 6.4	5.0	7.4



#22
Acetophenone
Concen: 30.34 ng
RT: 8.62 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

Tgt	Ion:105	Resp:	255936
Ion	Ratio	Lower	Upper
105	100		
71	4.9	2.8	4.2#
51	36.9	29.4	44.2
120	28.5	22.2	33.4

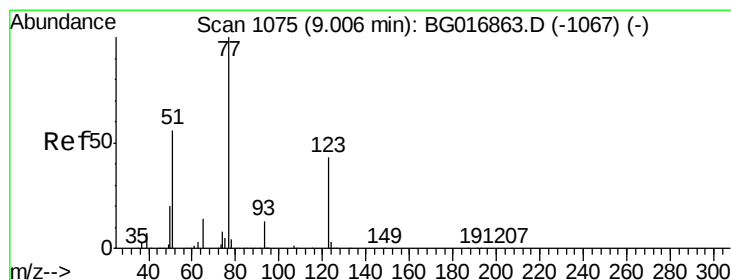
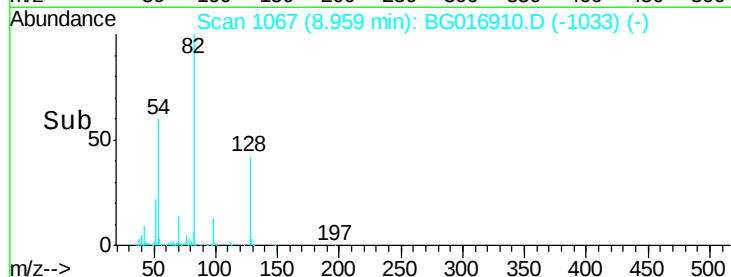
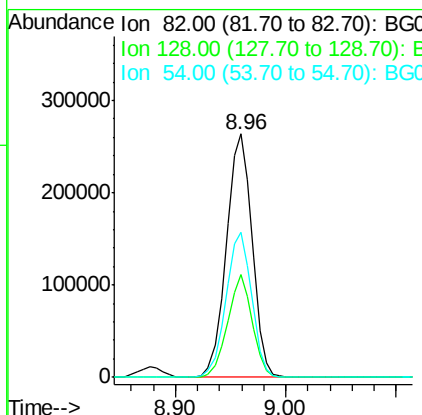
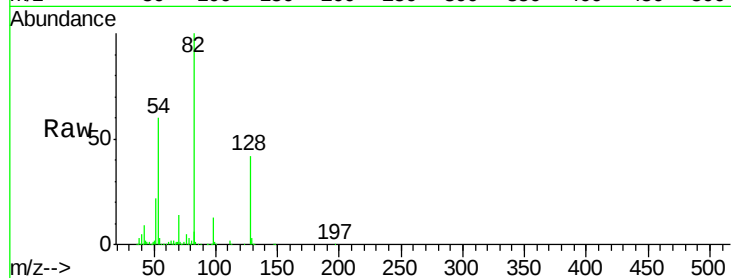




#23
Nitrobenzene-d5
Concen: 59.35 ng
RT: 8.96 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

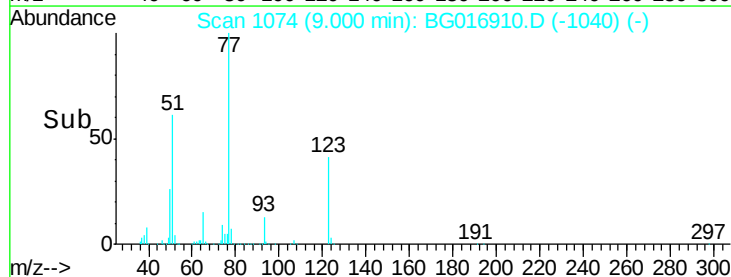
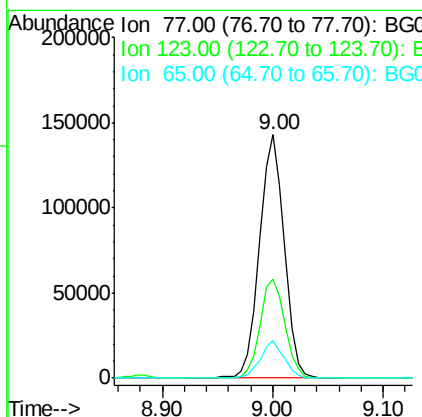
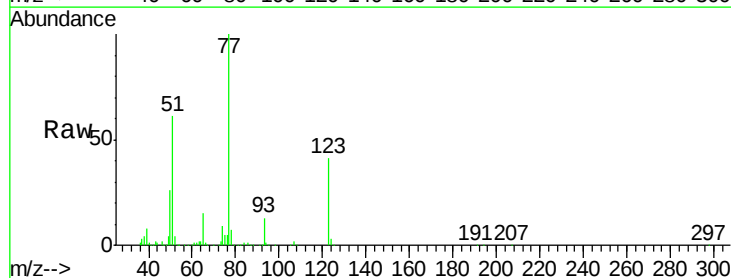
Instrument :
BNA_G
ClientSampleId :
PB83110BS

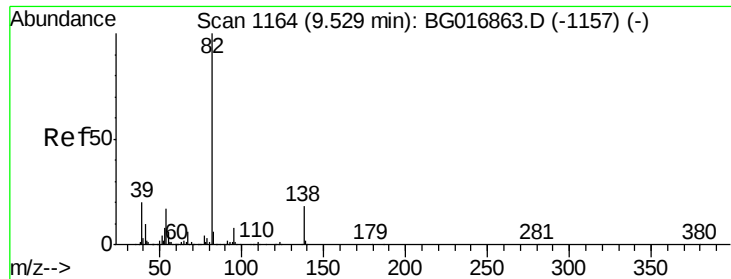
Tot Ion	82	Resp	430314
Ion Ratio	Lower	Upper	
82	100		
128	42.1	33.2	49.8
54	59.8	48.6	72.8



#24
Nitrobenzene
Concen: 30.71 ng
RT: 9.00 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

Tgt Ion	77	Resp	224875
Ion Ratio	Lower	Upper	
77	100		
123	40.7	34.0	51.0
65	15.3	11.2	16.8





#25

Isophorone

Concen: 28.19 ng

RT: 9.52 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

Instrument :

BNA_G

ClientSampleId :

PB83110BS

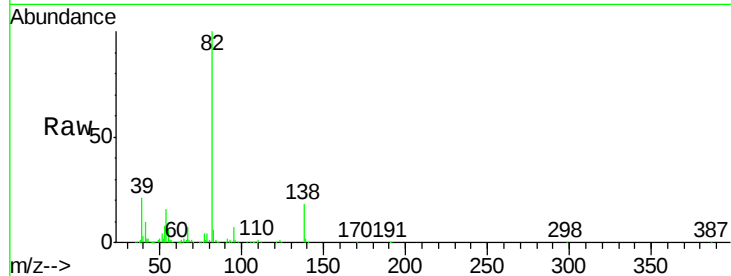
Tot Ion: 82 Resp: 412671

Ion Ratio Lower Upper

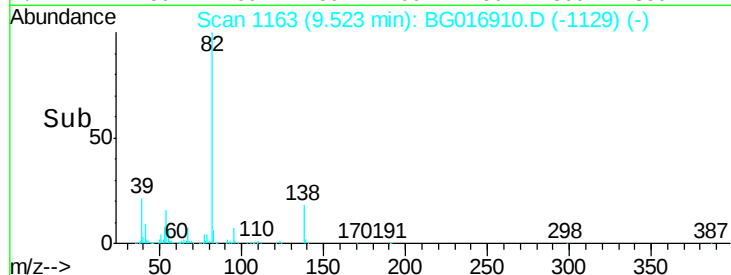
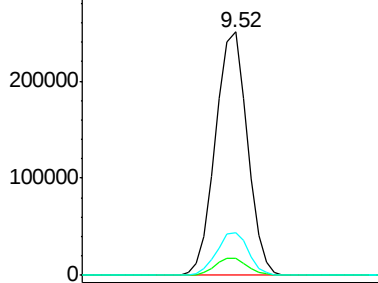
82 100

95 7.1 6.7 10.1

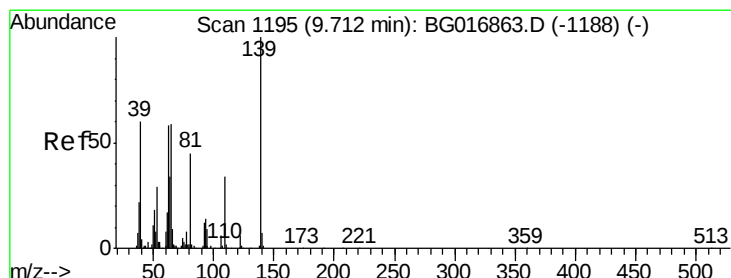
138 17.5 14.7 22.1



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



Time-->



#26

2-Nitrophenol

Concen: 31.51 ng

RT: 9.71 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

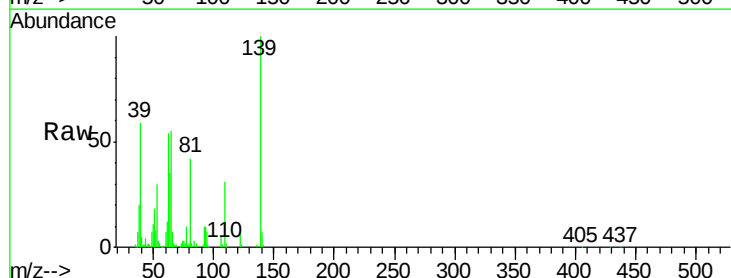
Tgt Ion: 139 Resp: 93933

Ion Ratio Lower Upper

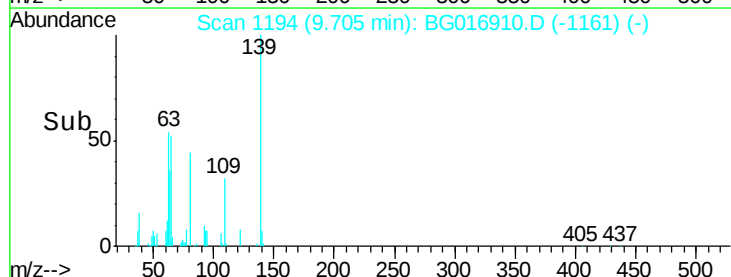
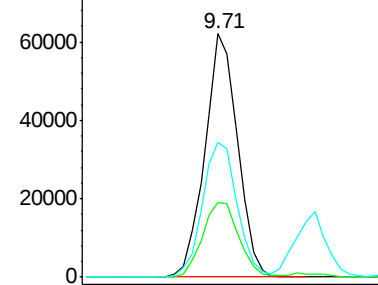
139 100

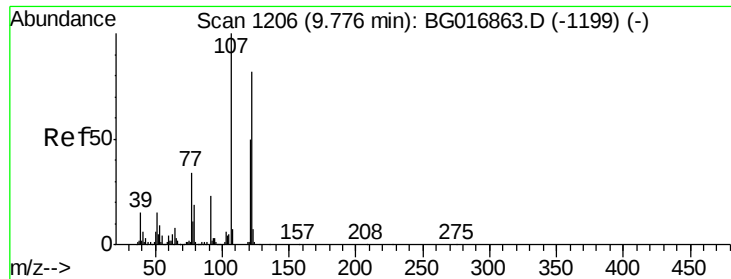
109 30.9 27.4 41.2

65 55.4 47.1 70.7



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

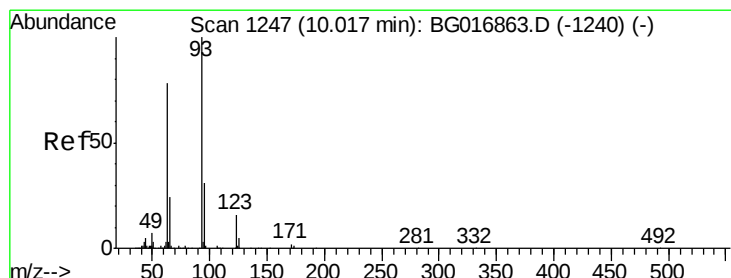
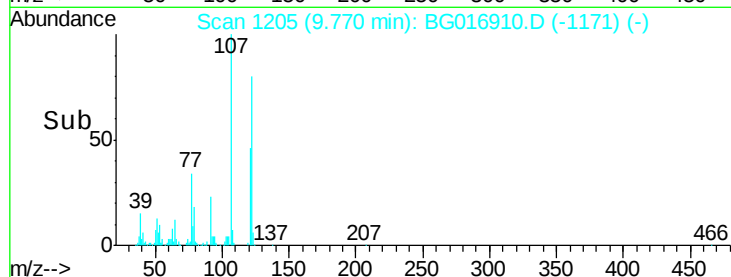
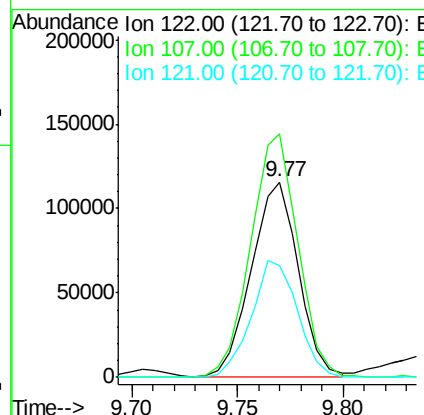
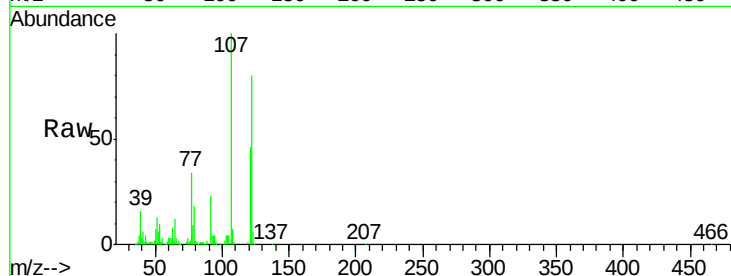




#27
2,4-Dimethylphenol
Concen: 32.92 ng
RT: 9.77 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

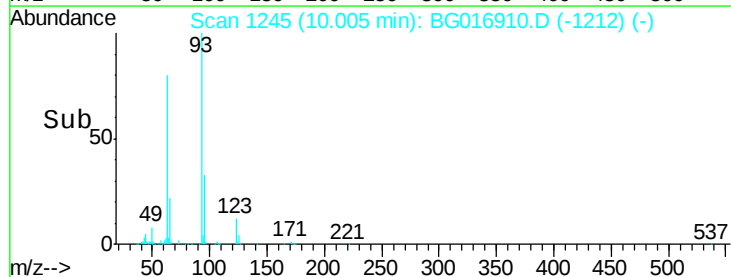
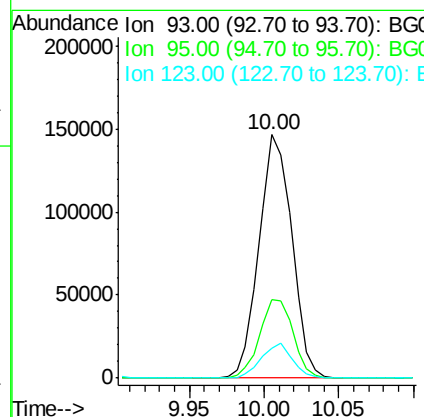
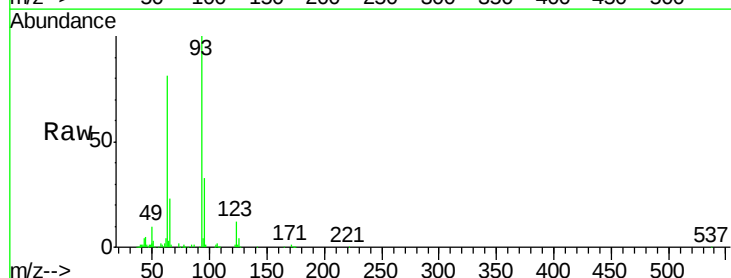
Instrument :
BNA_G
ClientSampleId :
PB83110BS

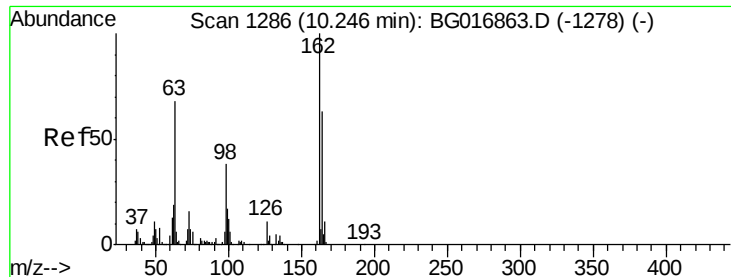
Tot Ion:122 Resp: 177606
Ion Ratio Lower Upper
122 100
107 124.6 97.6 146.4
121 57.0 48.4 72.6



#28
bis(2-Chloroethoxy)methane
Concen: 30.19 ng
RT: 10.00 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

Tgt Ion: 93 Resp: 223129
Ion Ratio Lower Upper
93 100
95 32.5 24.8 37.2
123 12.0 12.6 19.0#





#29

2,4-Dichlorophenol

Concen: 32.75 ng

RT: 10.24 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

Instrument :

BNA_G

ClientSampleId :

PB83110BS

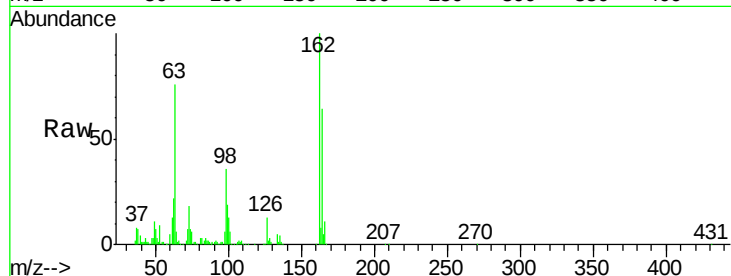
Tot Ion:162 Resp: 166910

Ion Ratio Lower Upper

162 100

164 63.7 42.9 82.9

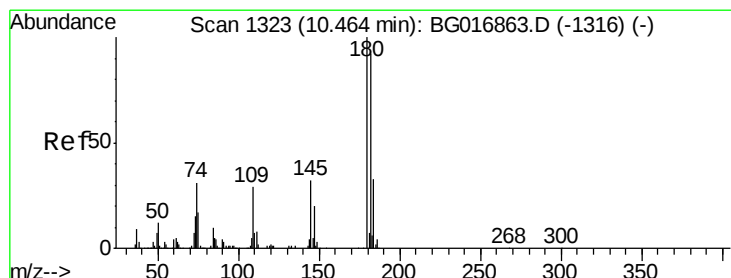
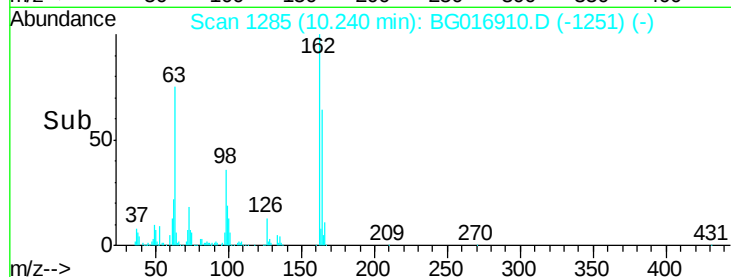
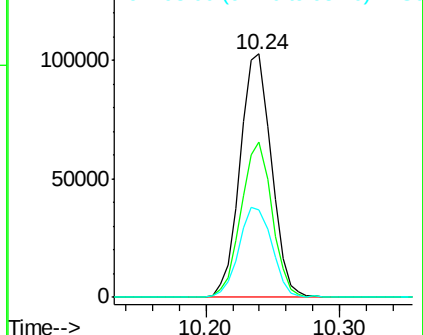
98 35.7 18.4 58.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 29.32 ng

RT: 10.45 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

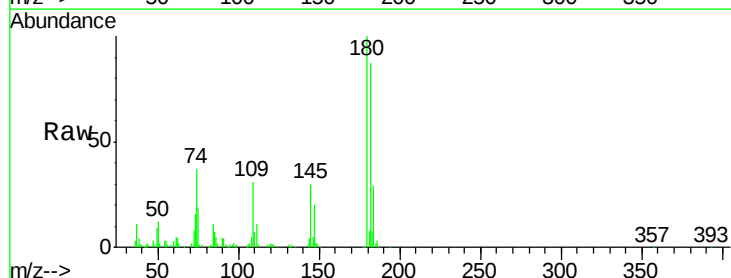
Tgt Ion:180 Resp: 158468

Ion Ratio Lower Upper

180 100

182 86.8 73.8 110.8

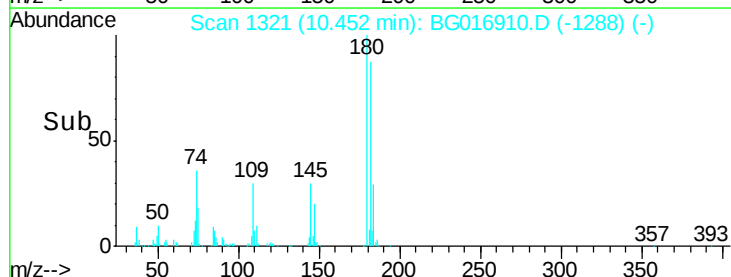
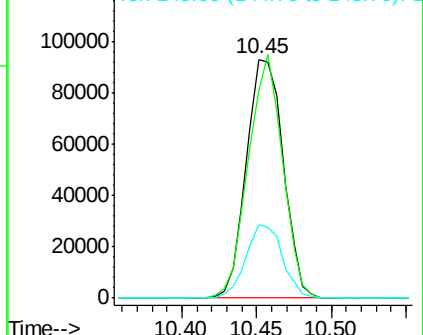
145 30.5 25.4 38.0

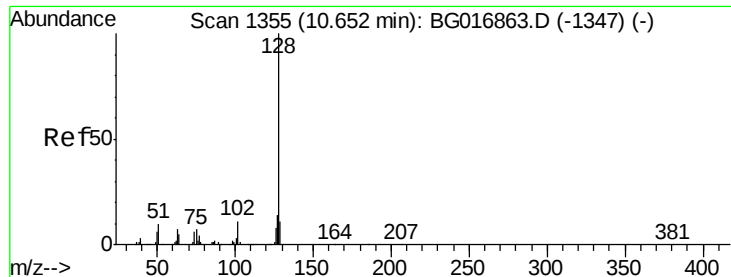


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

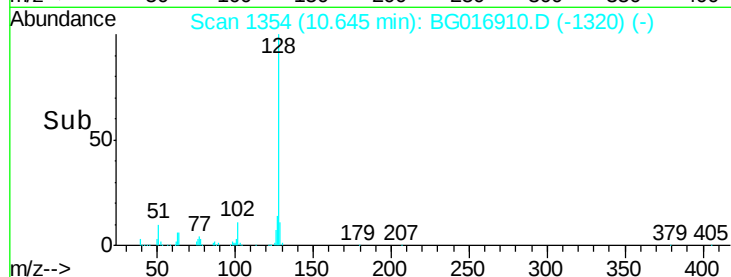
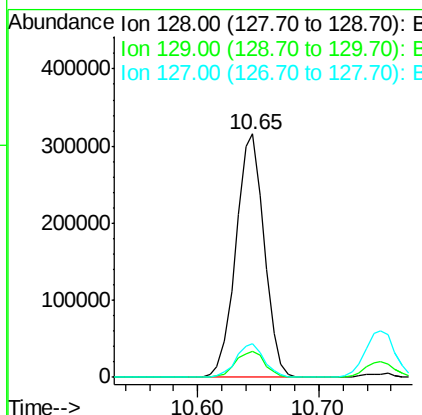
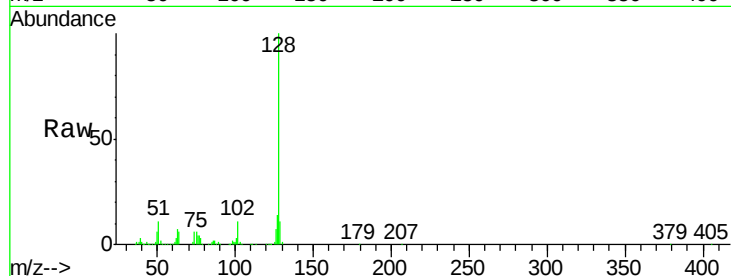




#31
Naphthalene
Concen: 29.21 ng
RT: 10.65 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

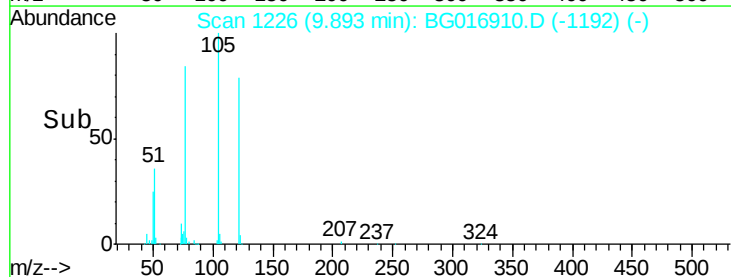
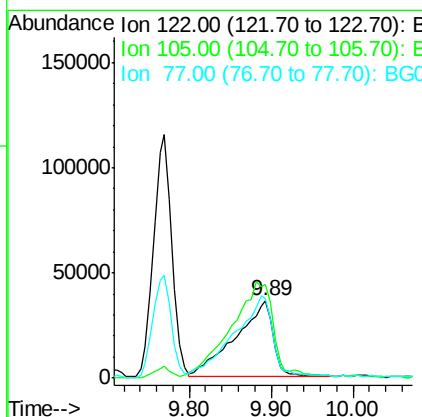
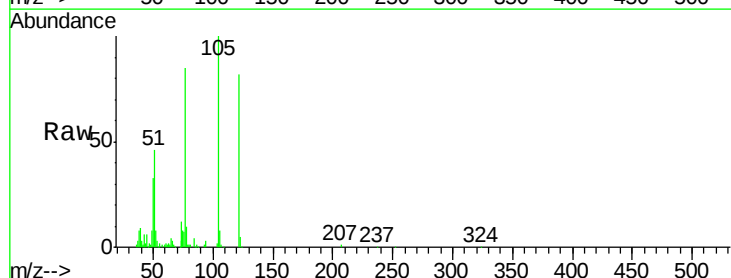
Instrument :
BNA_G
ClientSampleId :
PB83110BS

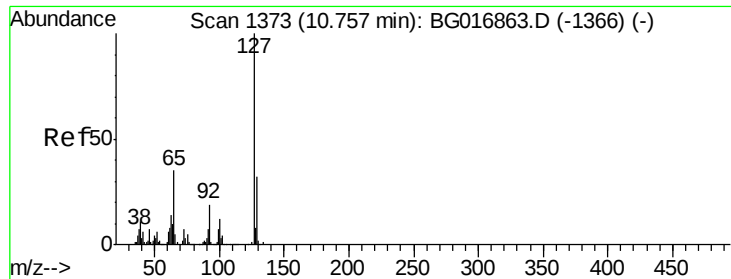
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.1	13.7
127	13.8	10.9	16.3



#32
Benzoic acid
Concen: 38.61 ng
RT: 9.89 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.5	123.2	163.2#
77	103.3	93.0	133.0

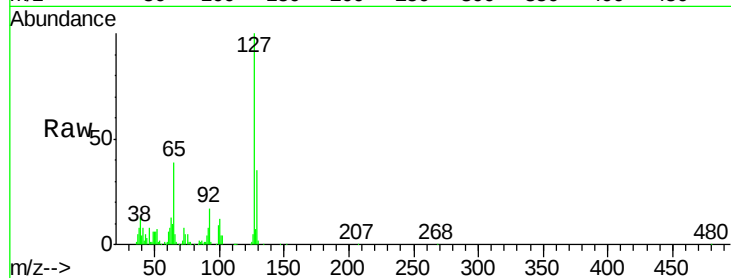




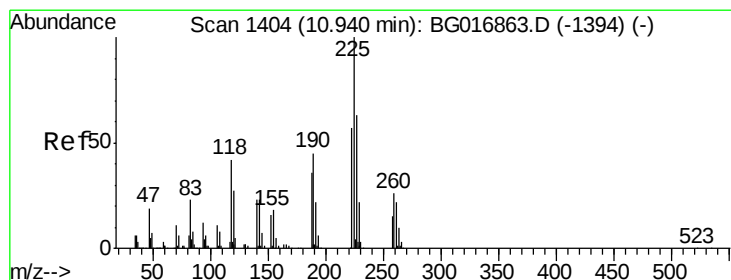
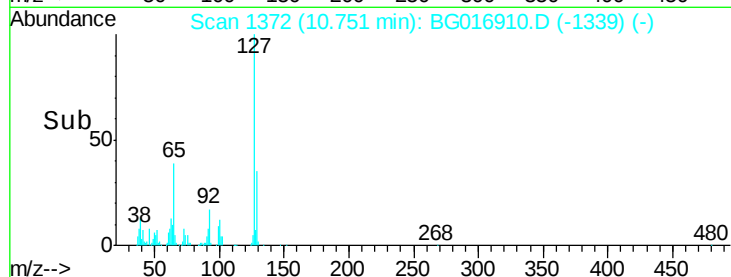
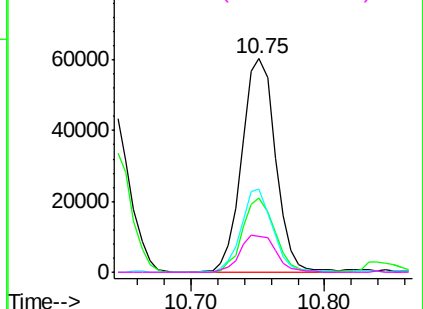
#33
4-Chloroaniline
Concen: 12.91 ng
RT: 10.75 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

Instrument :
BNA_G
ClientSampleId :
PB83110BS

Tot Ion:127	Resp:	105031
Ion Ratio	Lower	Upper
127	100	
129	34.6	25.8 38.6
65	38.9	28.2 42.2
92	16.5	15.6 23.4

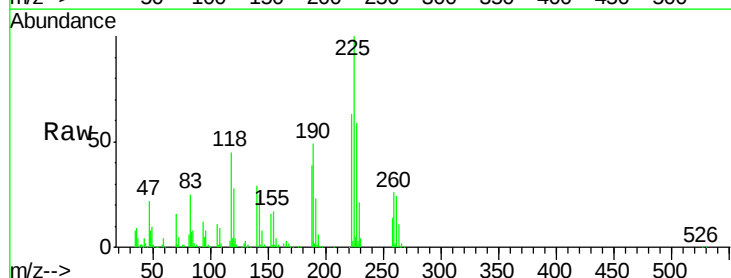


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

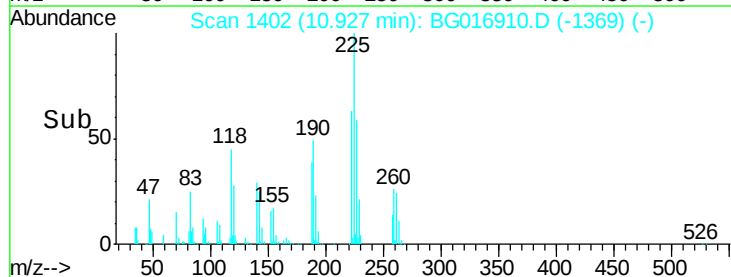
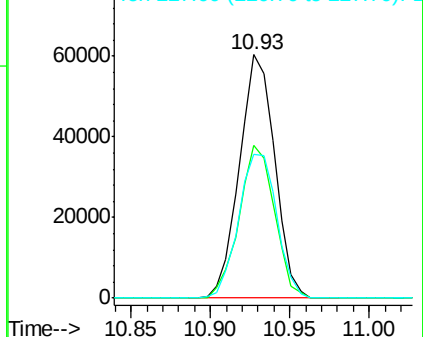


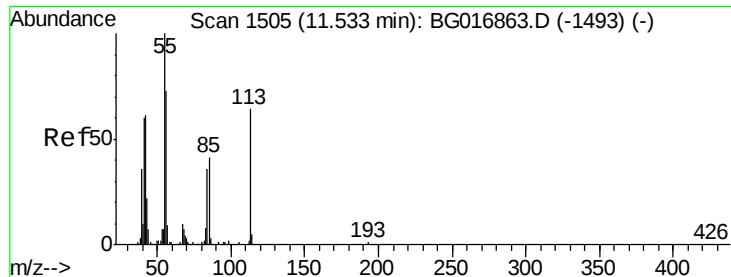
#34
Hexachlorobutadiene
Concen: 27.63 ng
RT: 10.93 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

Tgt Ion:225	Resp:	93464
Ion Ratio	Lower	Upper
225	100	
223	62.9	45.8 68.6
227	59.0	50.7 76.1



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: 32.68 ng/ml

RT: 11.52 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

Instrument :

BNA_G

ClientSampleId :

PB83110BS

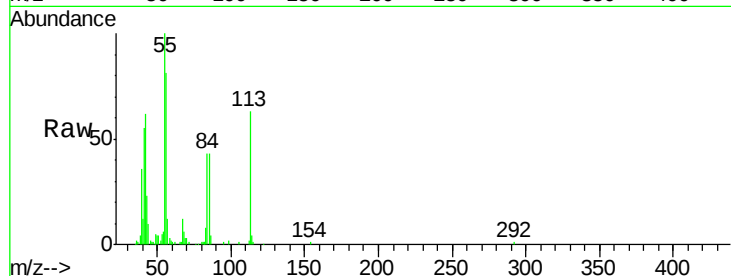
Tot Ion:113 Resp: 86538

Ion Ratio Lower Upper

113 100

55 159.5 137.1 177.1

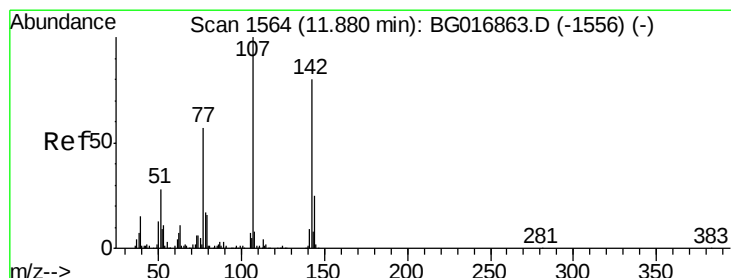
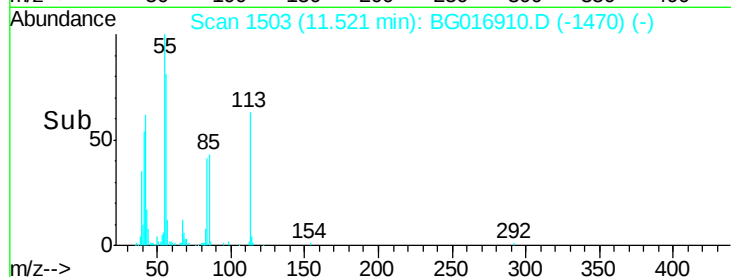
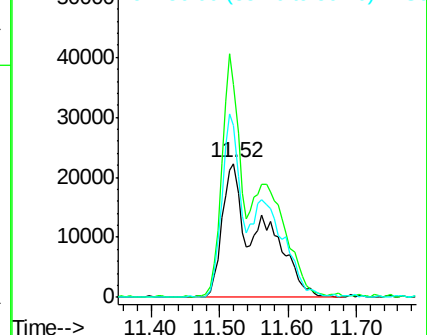
56 129.1 94.3 134.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 33.29 ng/ml

RT: 11.87 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

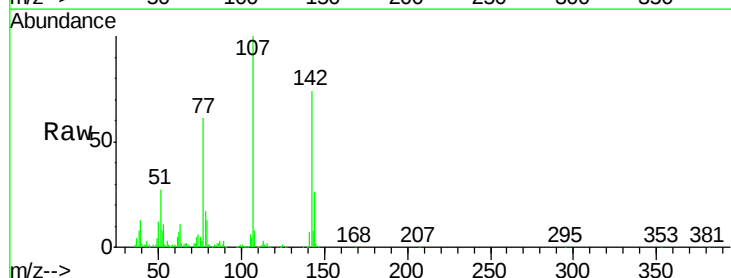
Tgt Ion:107 Resp: 217296

Ion Ratio Lower Upper

107 100

144 25.6 20.2 30.2

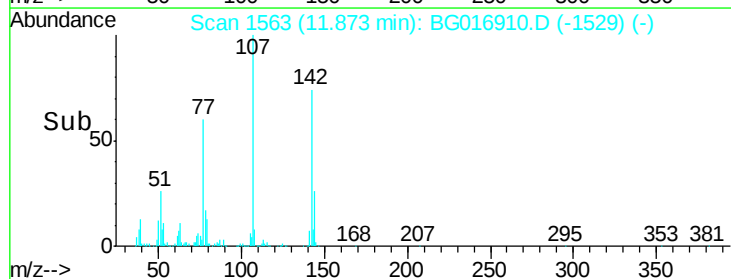
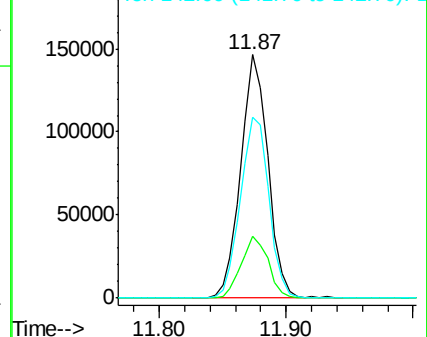
142 74.2 64.2 96.2



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

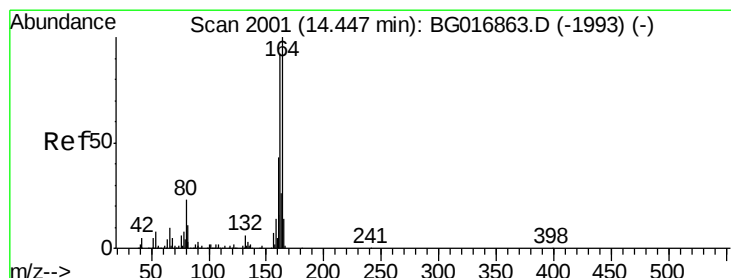
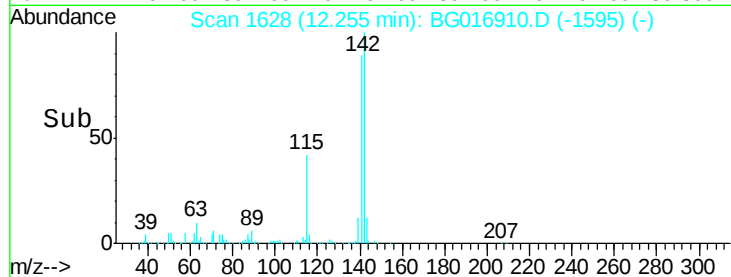
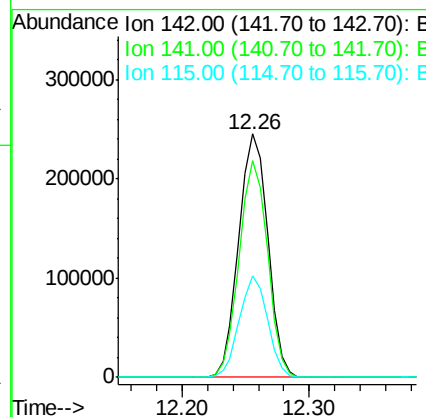
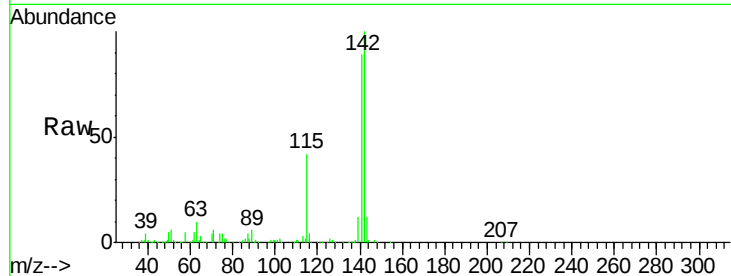




#37
2-Methylnaphthalene
Concen: 29.07 ng
RT: 12.26 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

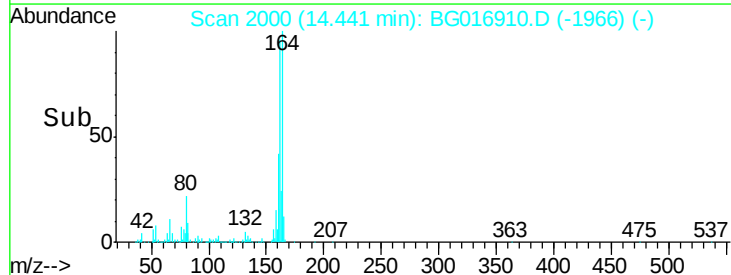
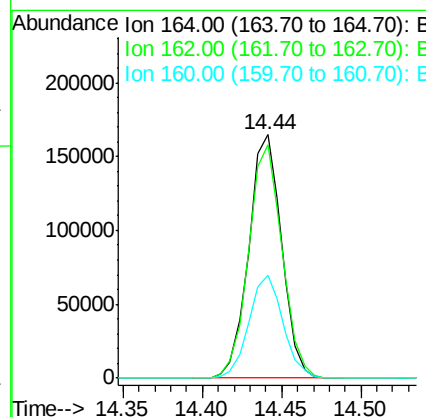
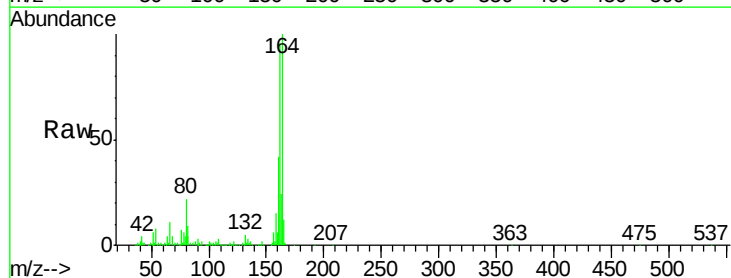
Instrument :
BNA_G
ClientSampleId :
PB83110BS

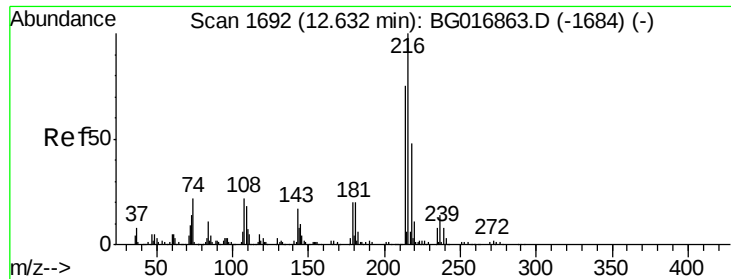
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.9	104.9
115	41.9	29.8	44.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.44 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.7	74.0	111.0
160	42.2	34.7	52.1

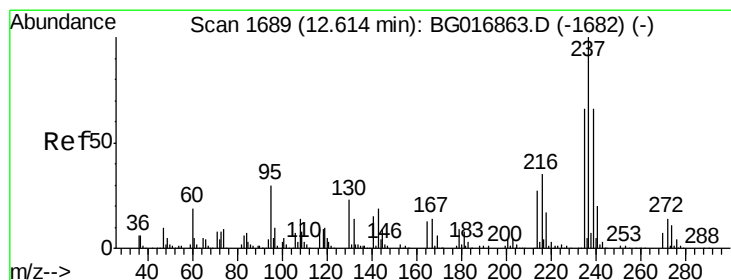
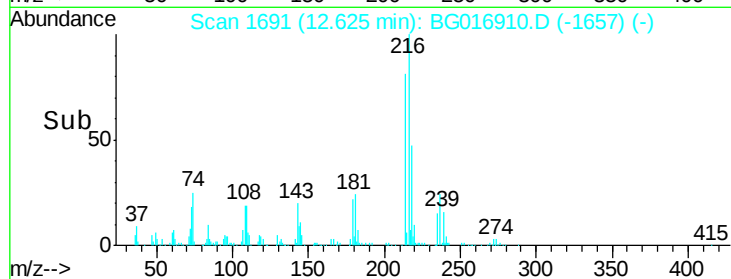
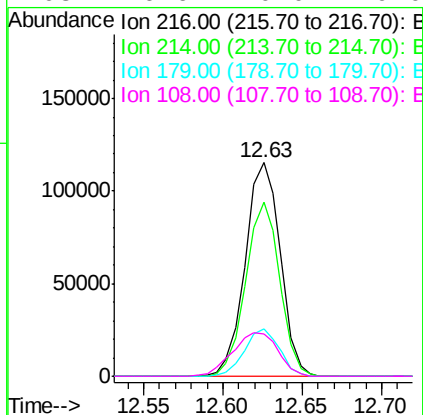
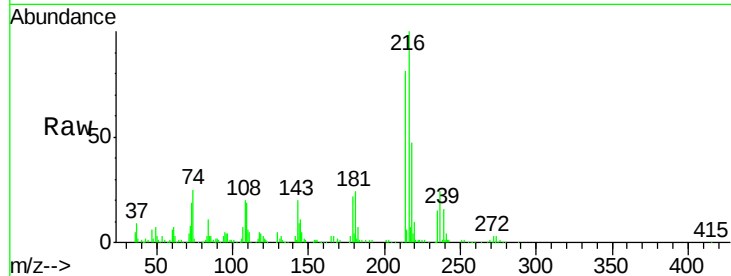




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.77 ng
 RT: 12.63 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BG016910.D
 Acq: 6 May 2015 21:22

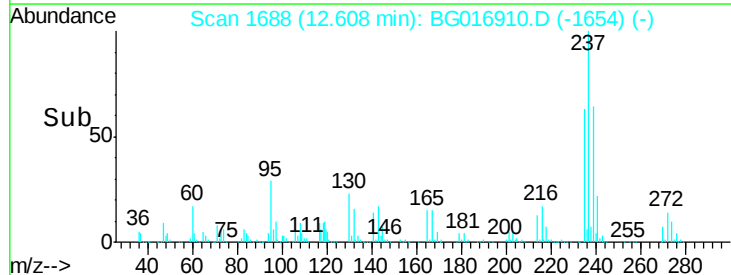
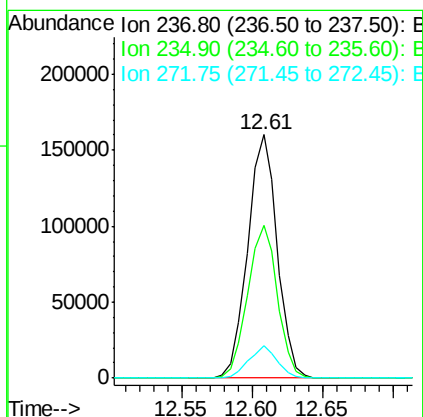
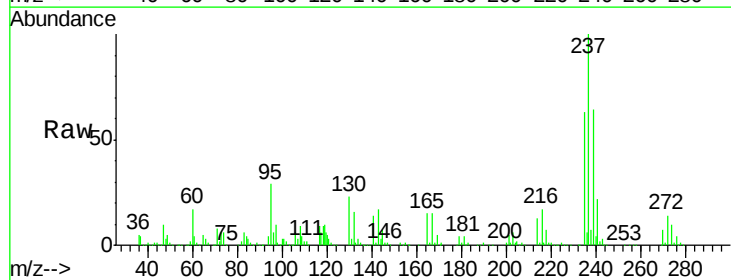
Instrument :
 BNA_G
 ClientSampleId :
 PB83110BS

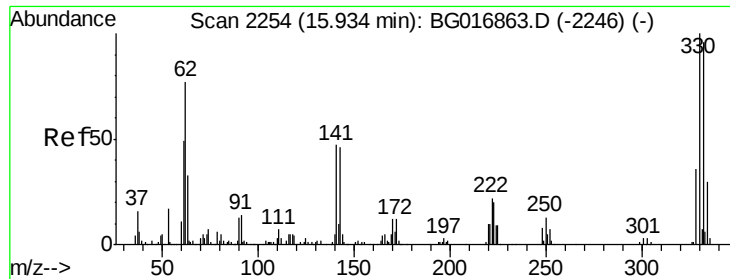
Tot Ion:216	Resp:	177512
Ion Ratio	Lower	Upper
216	100	
214	79.1	0.0 0.0#
179	22.1	0.0 0.0#
108	26.6	0.0 0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 56.87 ng
 RT: 12.61 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BG016910.D
 Acq: 6 May 2015 21:22

Tgt Ion:237	Resp:	234775
Ion Ratio	Lower	Upper
237	100	
235	62.8	45.5 85.5
272	13.5	0.0 33.7

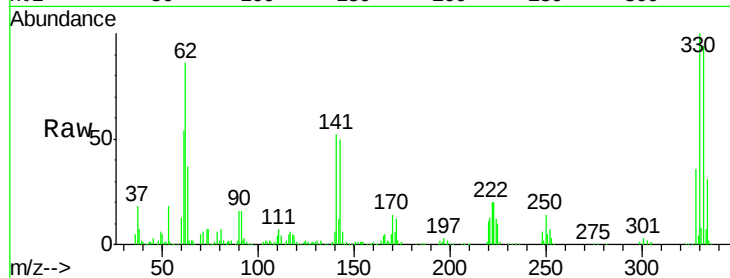




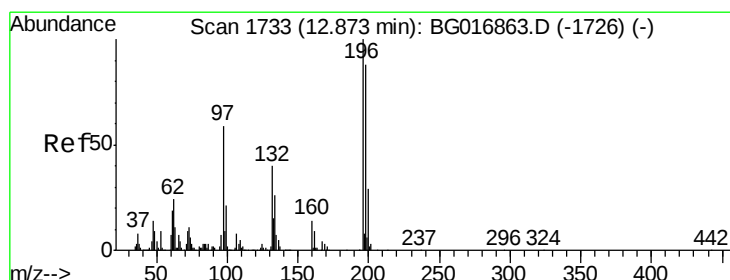
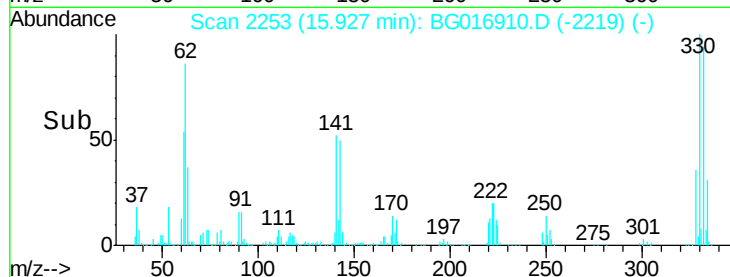
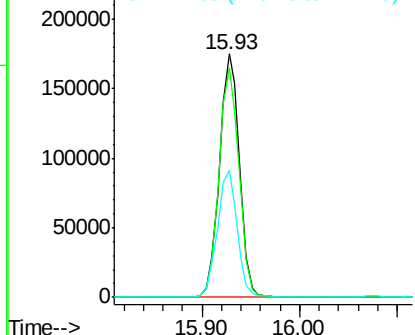
#41
 2,4,6-Tribromophenol
 Concen: 104.37 ng
 RT: 15.93 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: BG016910.D
 Acq: 6 May 2015 21:22

Instrument :
 BNA_G
 ClientSampleID :
 PB83110BS

Tot Ion:330 Resp: 247778
 Ion Ratio Lower Upper
 330 100
 332 94.1 0.0 0.0#
 141 51.9 0.0 0.0#

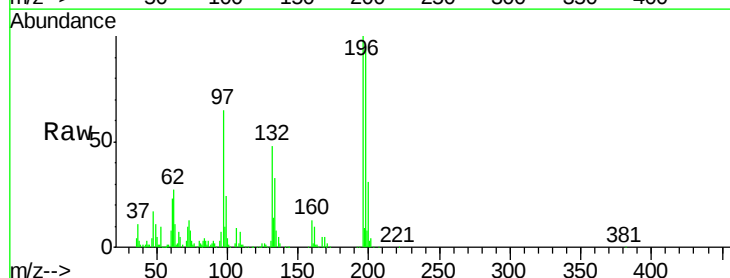


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

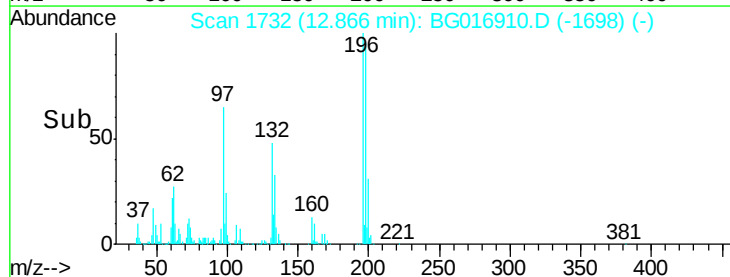
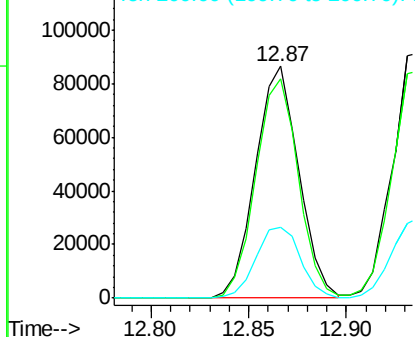


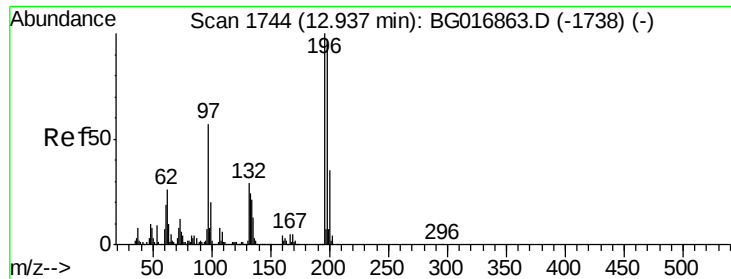
#42
 2,4,6-Trichlorophenol
 Concen: 29.29 ng
 RT: 12.87 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: BG016910.D
 Acq: 6 May 2015 21:22

Tgt Ion:196 Resp: 132711
 Ion Ratio Lower Upper
 196 100
 198 94.8 70.7 106.1
 200 30.7 23.0 34.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

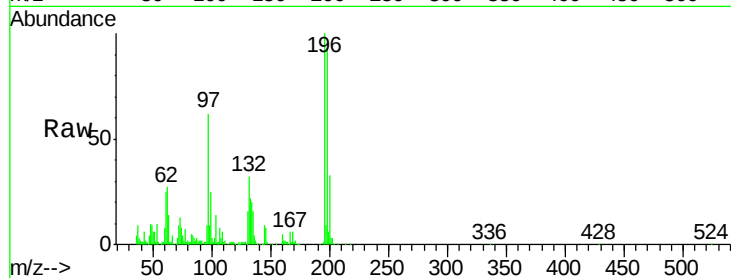




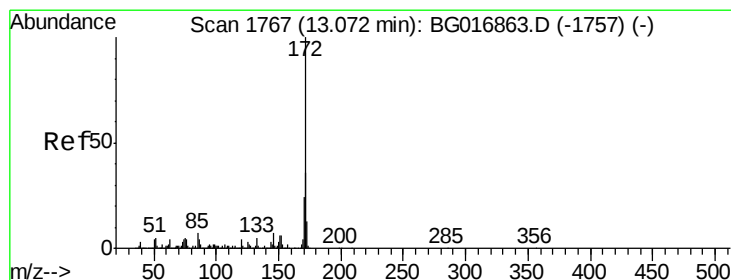
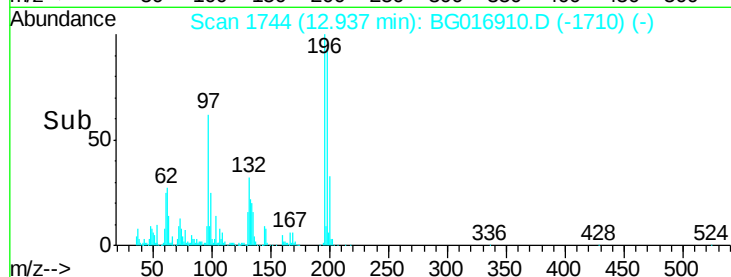
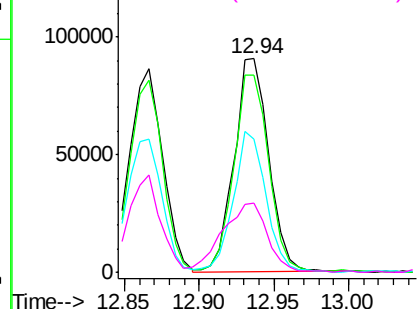
#43
 2,4,5-Trichlorophenol
 Concen: 30.54 ng
 RT: 12.94 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: BG016910.D
 Acq: 6 May 2015 21:22

Instrument :
 BNA_G
 ClientSampleId :
 PB83110BS

Tot Ion:196 Resp: 146880
 Ion Ratio Lower Upper
 196 100
 198 92.5 77.5 116.3
 97 62.2 45.9 68.9
 132 32.5 23.7 35.5

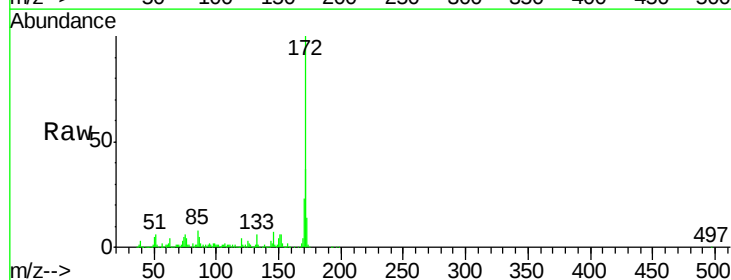


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

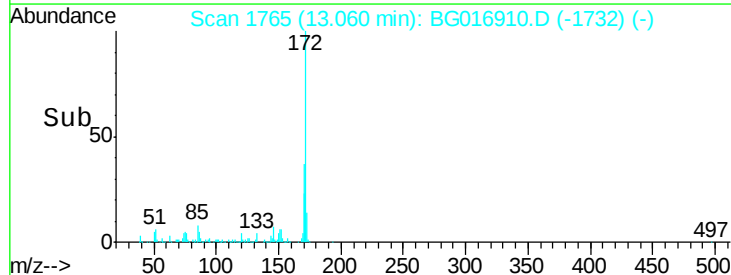
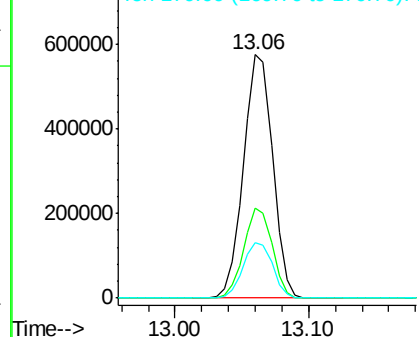


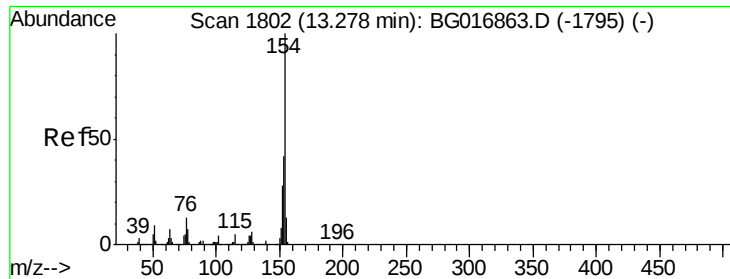
#44
 2-Fluorobiphenyl
 Concen: 55.33 ng
 RT: 13.06 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BG016910.D
 Acq: 6 May 2015 21:22

Tgt Ion:172 Resp: 867026
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.0 43.4
 170 23.0 19.0 28.4



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

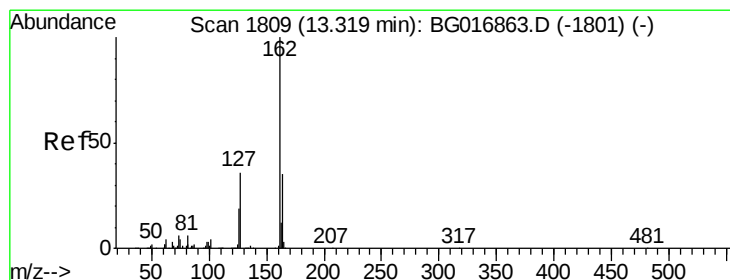
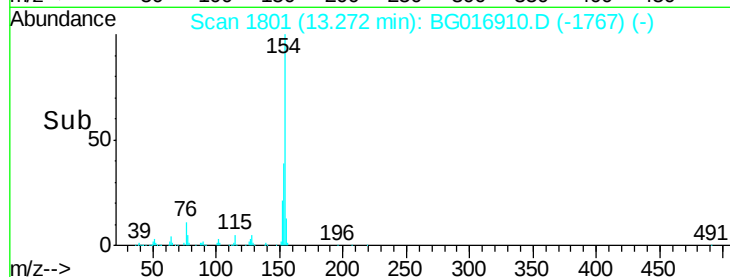
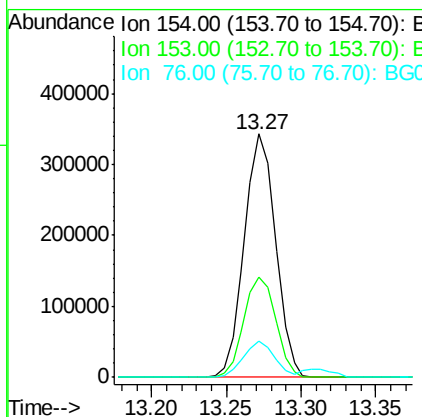
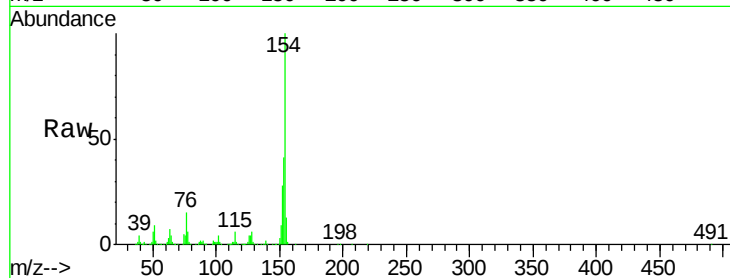




#45
 1,1'-Biphenyl
 Concen: 29.35 ng
 RT: 13.27 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG016910.D
 Acq: 6 May 2015 21:22

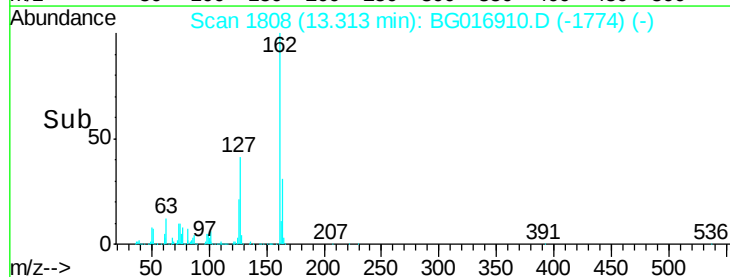
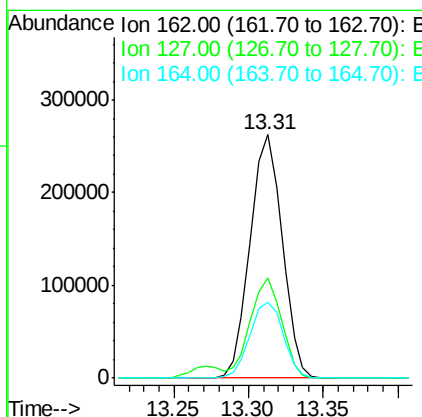
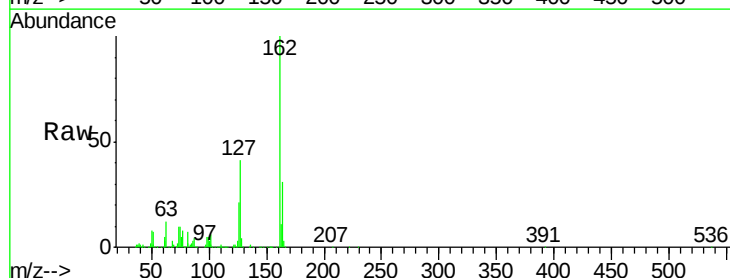
Instrument :
 BNA_G
 ClientSampleId :
 PB83110BS

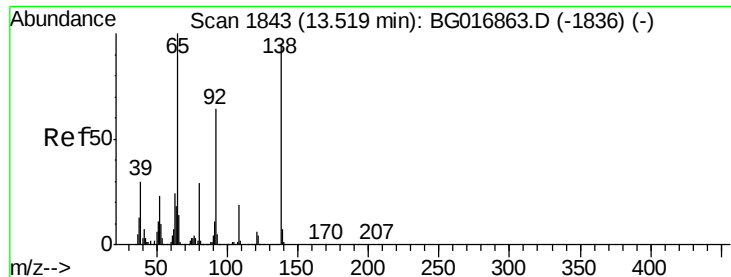
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.0	62.0
76	14.8	0.0	33.3



#46
 2-Chloronaphthalene
 Concen: 29.13 ng
 RT: 13.31 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: BG016910.D
 Acq: 6 May 2015 21:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	31.2	46.8
164	31.1	27.8	41.6





#47

2-Nitroaniline

Concen: 35.34 ng

RT: 13.52 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

Instrument :

BNA_G

ClientSampleId :

PB83110BS

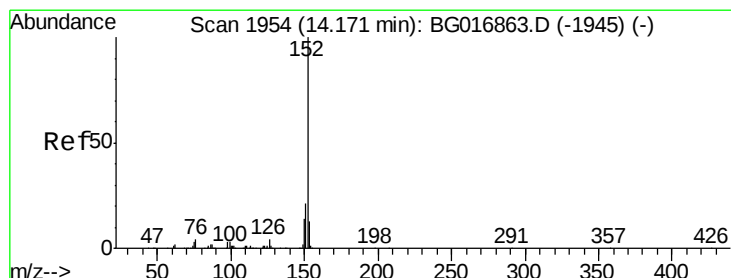
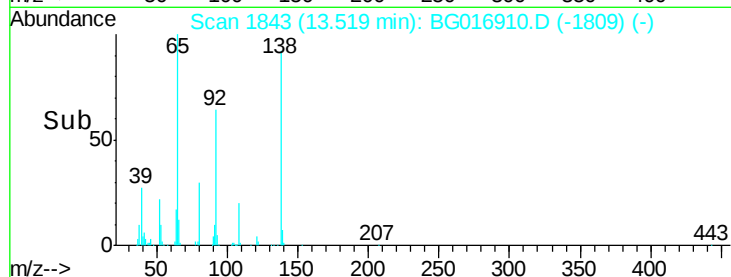
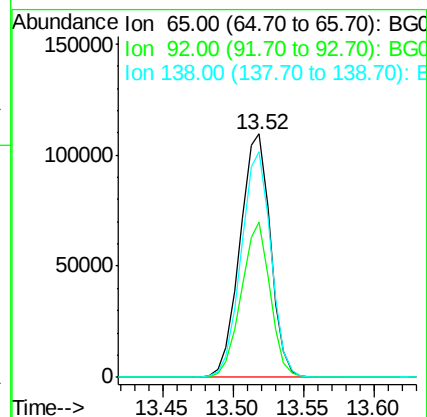
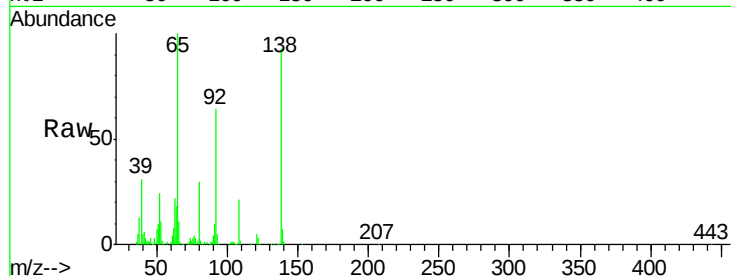
Tot Ion: 65 Resp: 164953

Ion Ratio Lower Upper

65 100

92 63.8 51.0 76.6

138 92.6 76.2 114.2



#48

Acenaphthylene

Concen: 28.64 ng

RT: 14.16 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

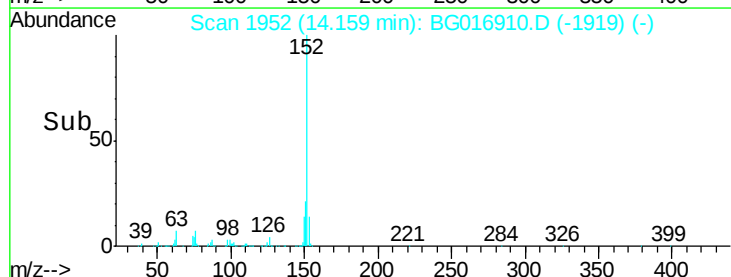
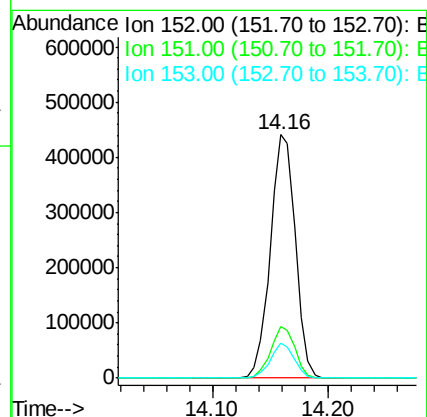
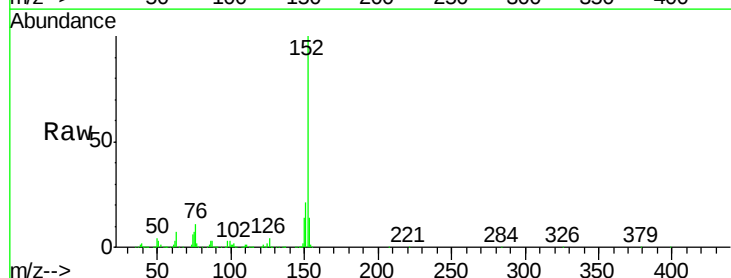
Tgt Ion: 152 Resp: 668902

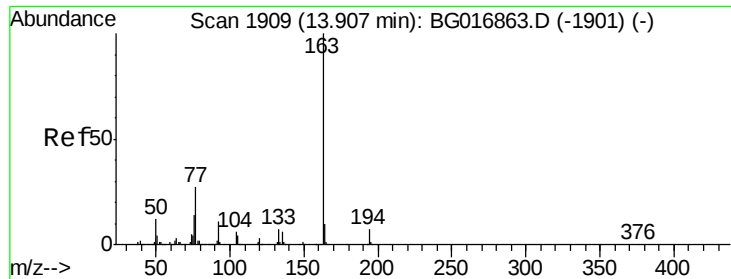
Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.4

153 14.3 10.7 16.1

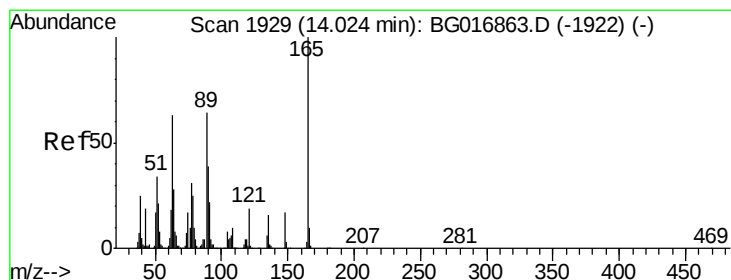
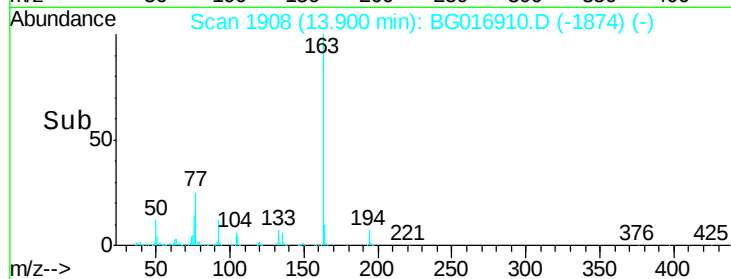
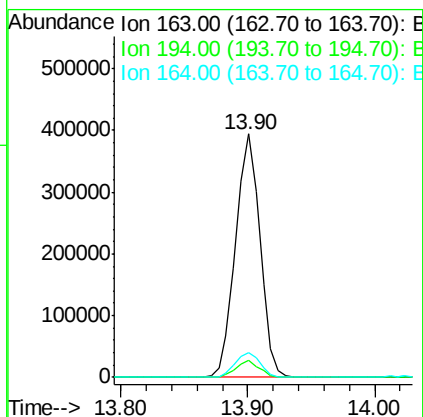
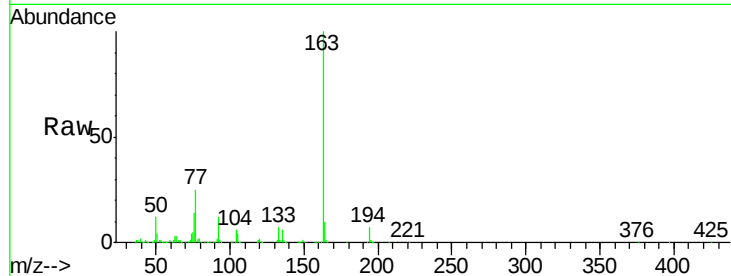




#49
Dimethylphthalate
Concen: 29.71 ng
RT: 13.90 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

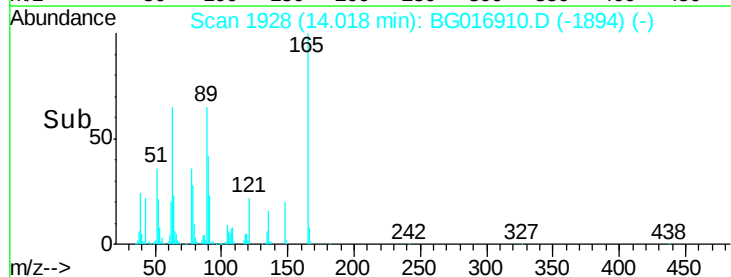
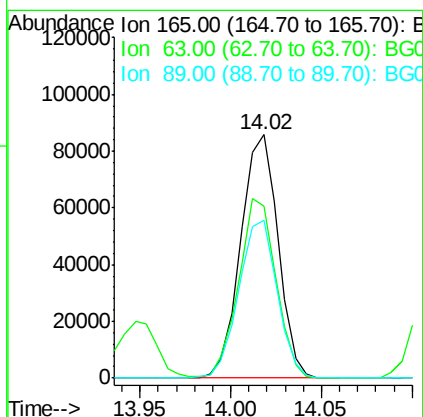
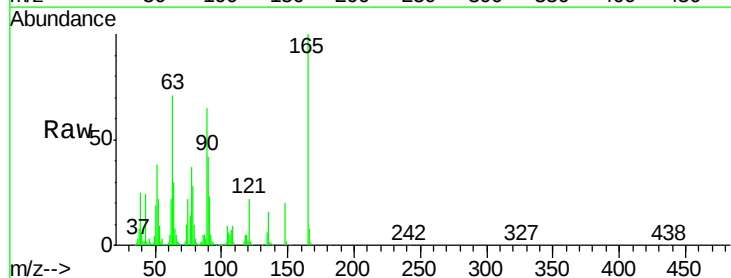
Instrument :
BNA_G
ClientSampleId :
PB83110BS

Tot Ion:163 Resp: 524711
Ion Ratio Lower Upper
163 100
194 6.8 5.2 7.8
164 10.1 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 33.52 ng
RT: 14.02 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

Tgt Ion:165 Resp: 122912
Ion Ratio Lower Upper
165 100
63 70.8 50.9 76.3
89 64.9 51.4 77.2





#51

Acenaphthene

Concen: 28.76 ng

RT: 14.51 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

Instrument :

BNA_G

ClientSampleId :

PB83110BS

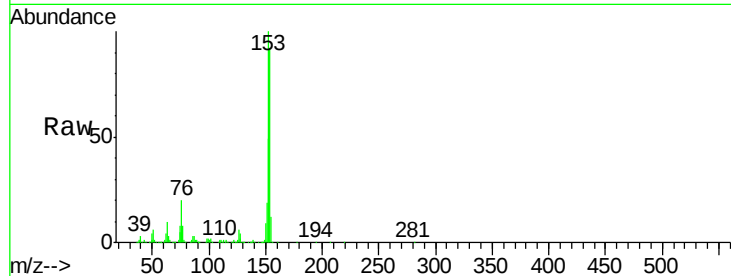
Tot Ion:154 Resp: 399691

Ion Ratio Lower Upper

154 100

153 109.2 84.2 126.4

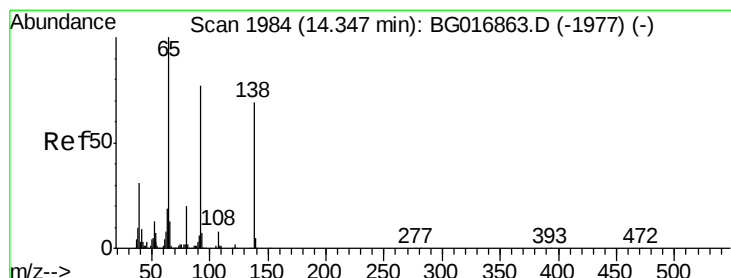
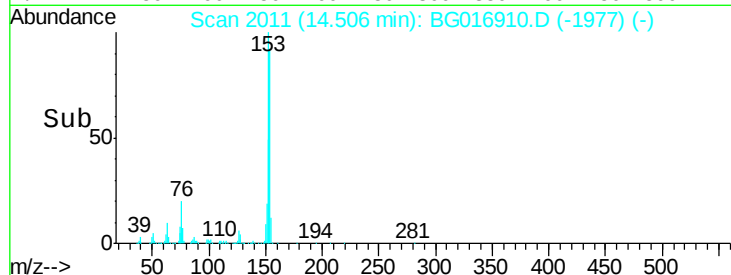
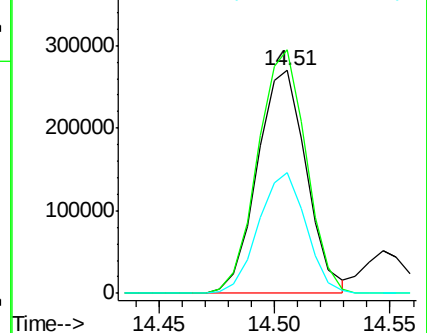
152 54.0 40.2 60.2



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: 21.18 ng

RT: 14.34 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

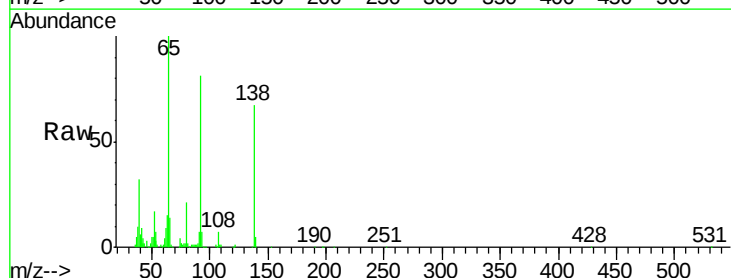
Tgt Ion:138 Resp: 88349

Ion Ratio Lower Upper

138 100

108 10.8 9.5 14.3

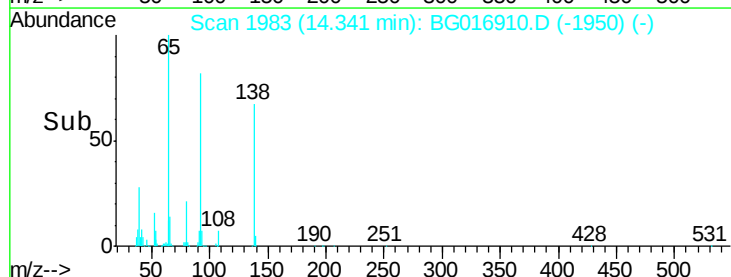
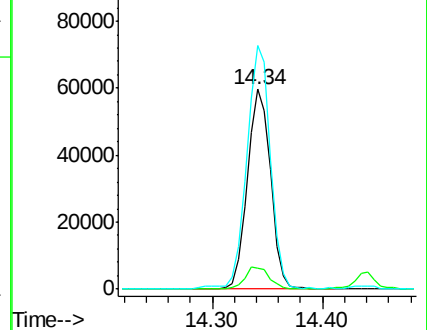
92 121.8 89.6 134.4

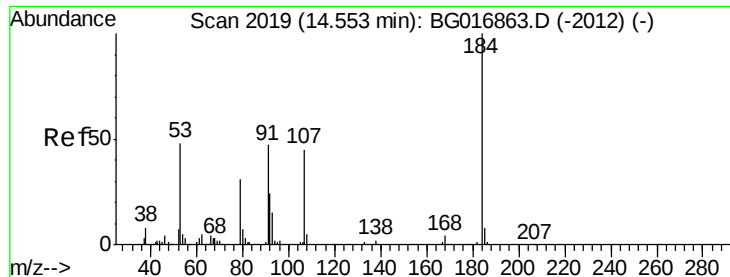


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

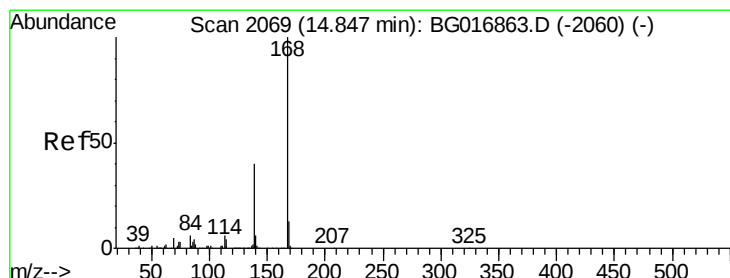
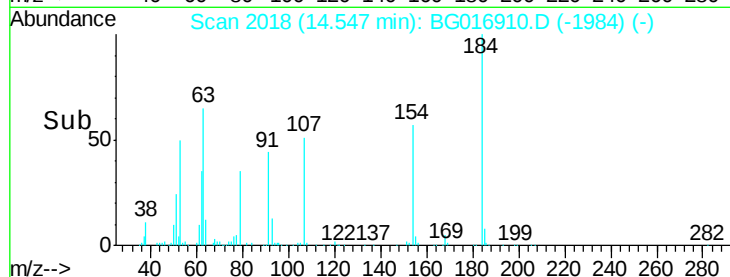
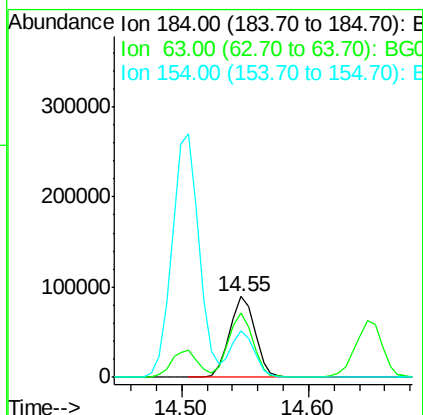
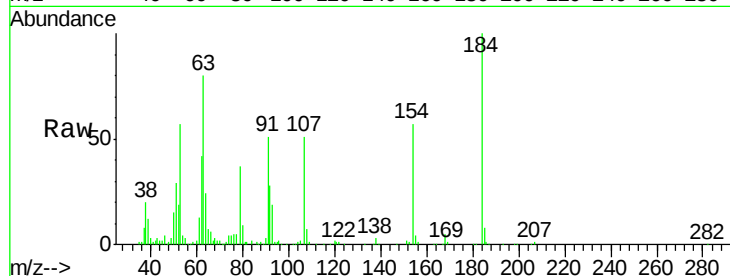




#53
2,4-Dinitrophenol
Concen: 74.92 ng
RT: 14.55 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

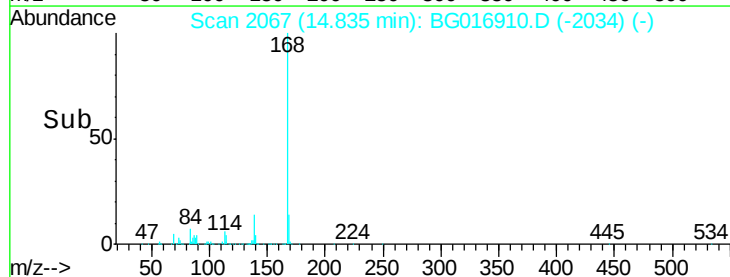
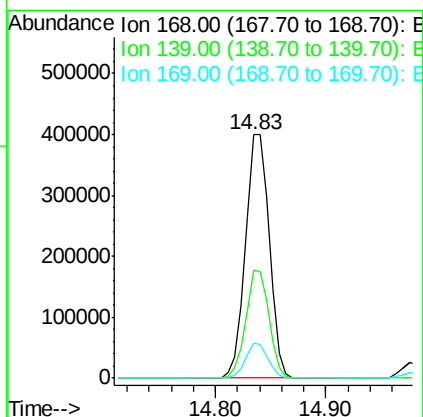
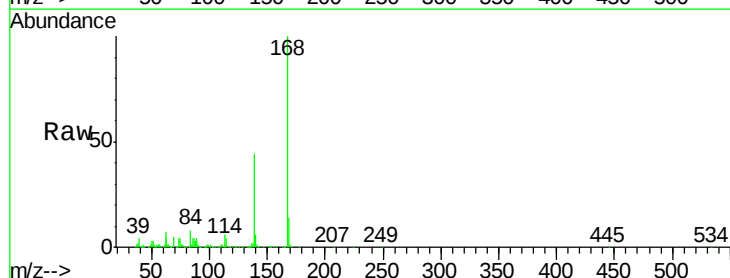
Instrument :
BNA_G
ClientSampleId :
PB83110BS

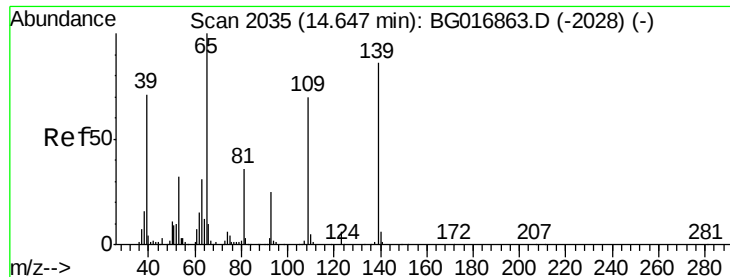
Tot Ion:184 Resp: 125633
Ion Ratio Lower Upper
184 100
63 80.2 53.4 80.0#
154 57.4 41.0 61.6



#54
Dibenzofuran
Concen: 30.75 ng
RT: 14.83 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

Tgt Ion:168 Resp: 606899
Ion Ratio Lower Upper
168 100
139 44.5 32.5 48.7
169 14.3 10.4 15.6





#55

4-Nitrophenol

Concen: 70.06 ng

RT: 14.65 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

Instrument :

BNA_G

ClientSampled :

PB83110BS

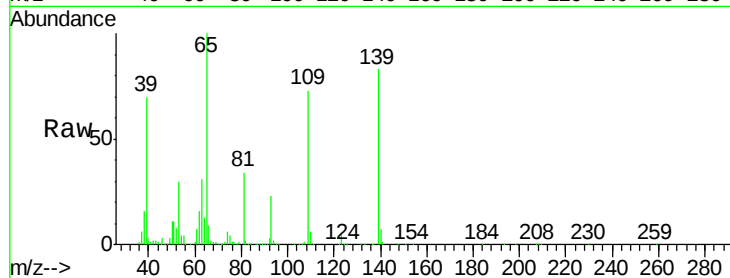
Tot Ion:139 Resp: 247776

Ion Ratio Lower Upper

139 100

109 88.4 61.8 101.8

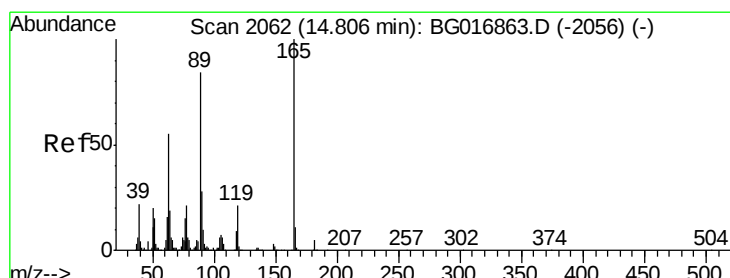
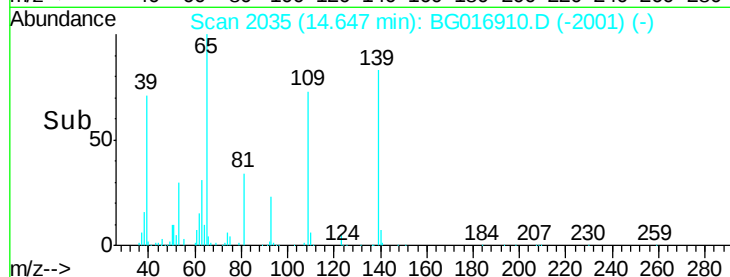
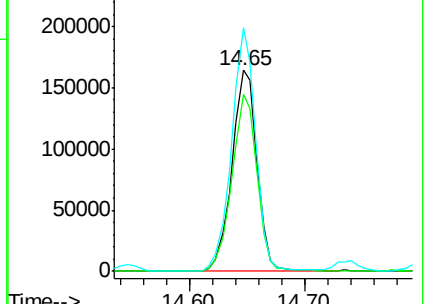
65 121.2 96.8 136.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 36.65 ng

RT: 14.80 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

Tgt Ion:165 Resp: 171889

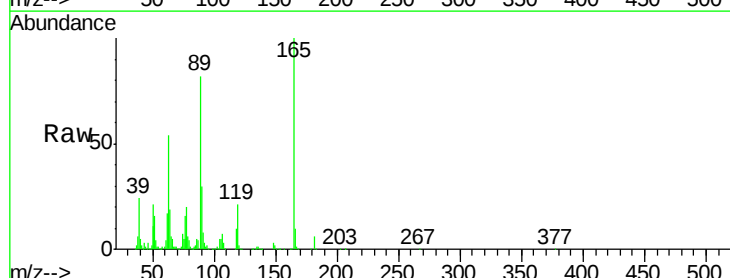
Ion Ratio Lower Upper

165 100

63 53.9 44.2 66.4

89 82.4 67.2 100.8

182 5.6 4.2 6.4

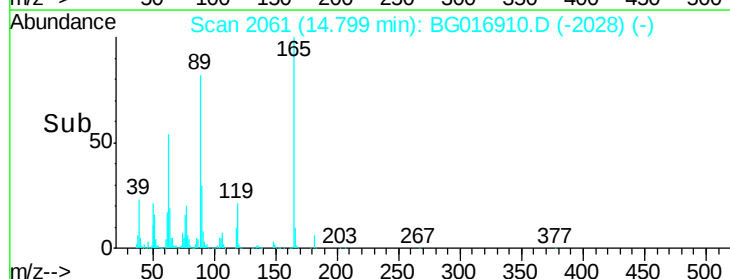
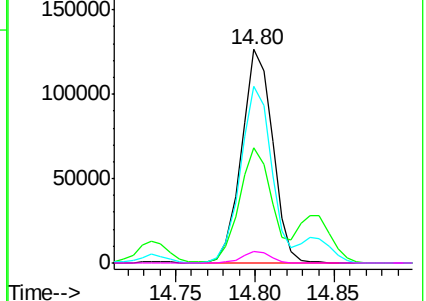


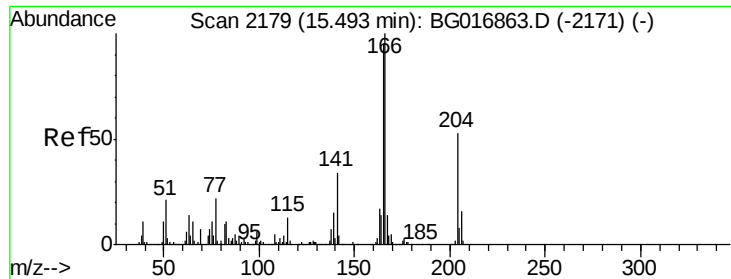
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

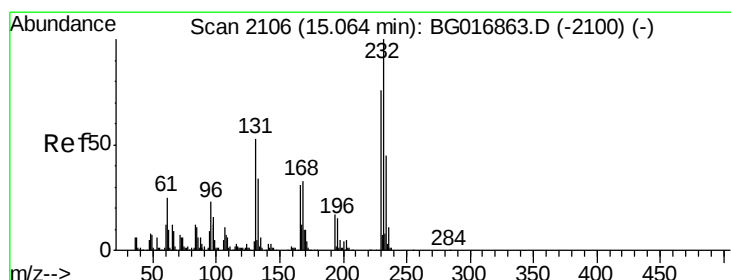
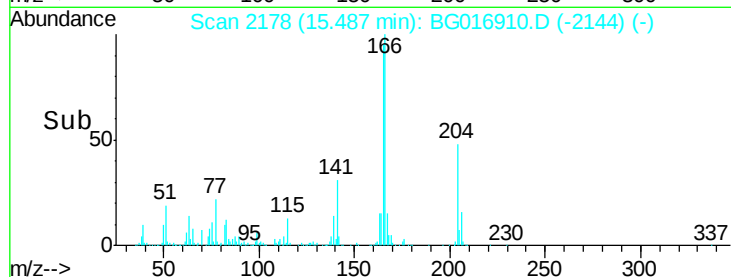
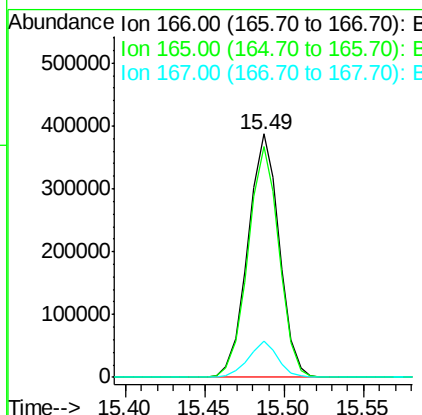
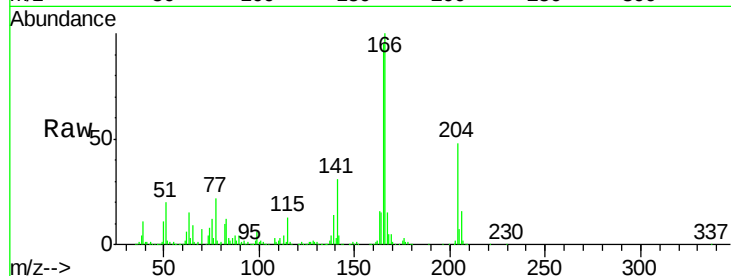




#57
 Fluorene
 Concen: 30.44 ng
 RT: 15.49 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: BG016910.D
 Acq: 6 May 2015 21:22

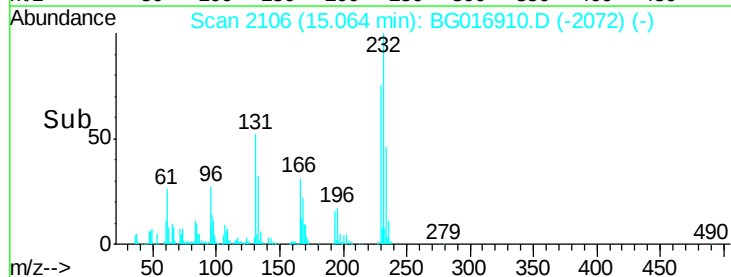
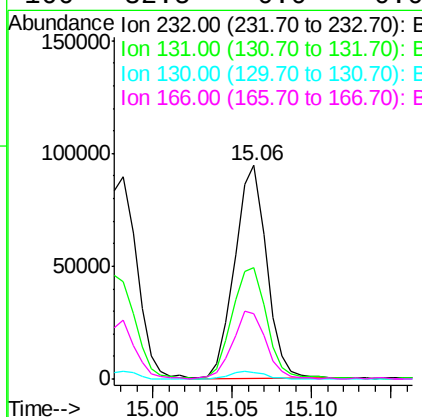
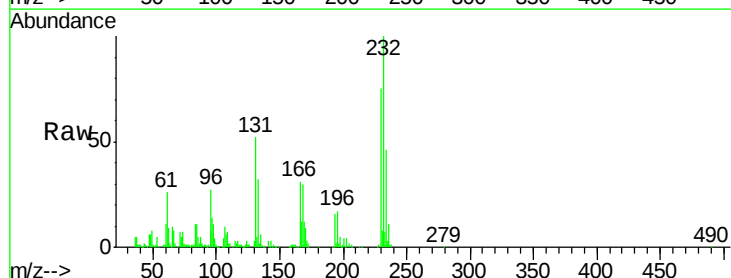
Instrument :
 BNA_G
 ClientSampleId :
 PB83110BS

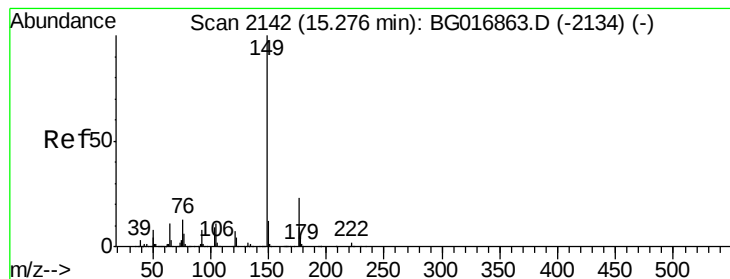
Tot Ion:166 Resp: 531903
 Ion Ratio Lower Upper
 166 100
 165 94.9 76.1 114.1
 167 15.0 11.4 17.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.83 ng
 RT: 15.06 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: BG016910.D
 Acq: 6 May 2015 21:22

Tgt Ion:232 Resp: 132079
 Ion Ratio Lower Upper
 232 100
 131 56.1 0.1 0.1#
 130 3.9 0.0 0.0#
 166 32.5 0.0 0.0#





#59

Diethylphthalate

Concen: 30.50 ng

RT: 15.27 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

Instrument :

BNA_G

ClientSampled :

PB83110BS

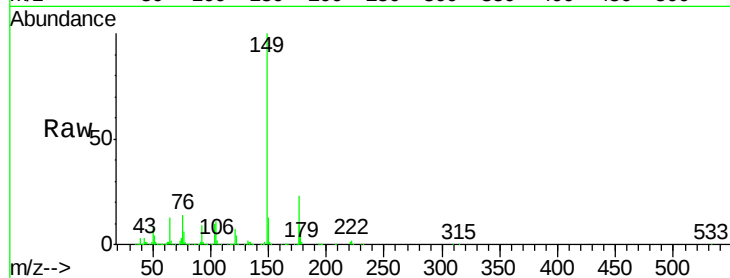
Tot Ion:149 Resp: 568502

Ion Ratio Lower Upper

149 100

177 22.7 18.6 27.8

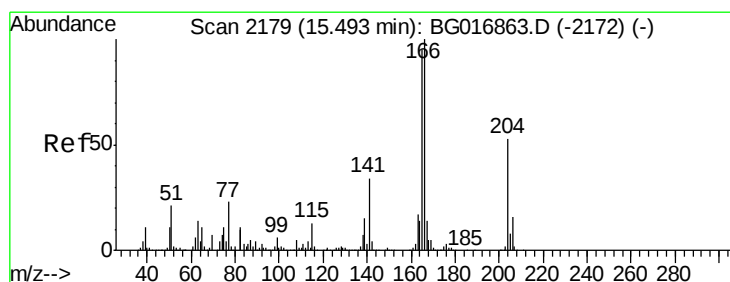
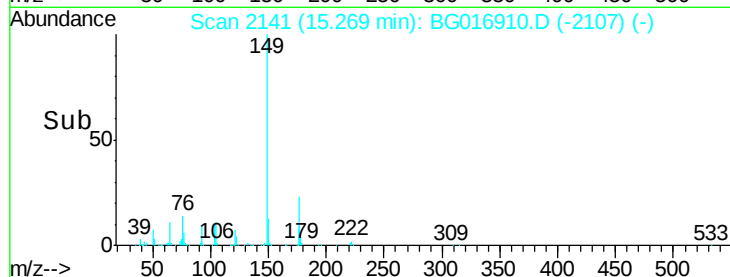
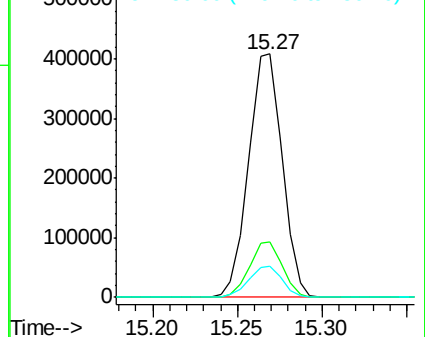
150 12.8 9.8 14.8



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: 29.12 ng

RT: 15.48 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

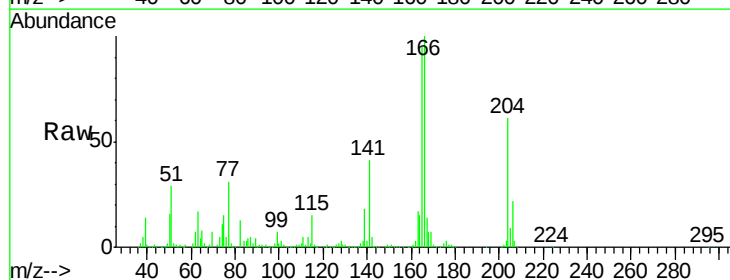
Tgt Ion:204 Resp: 255624

Ion Ratio Lower Upper

204 100

206 36.5 24.8 37.2

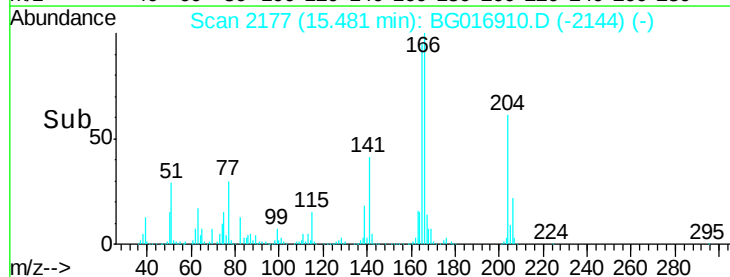
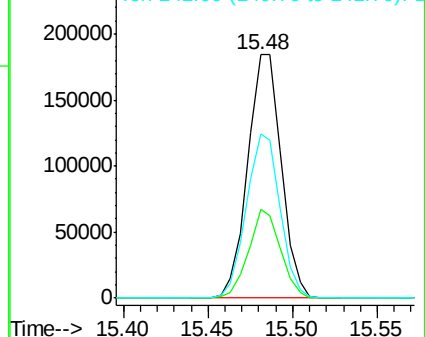
141 67.6 52.4 78.6



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

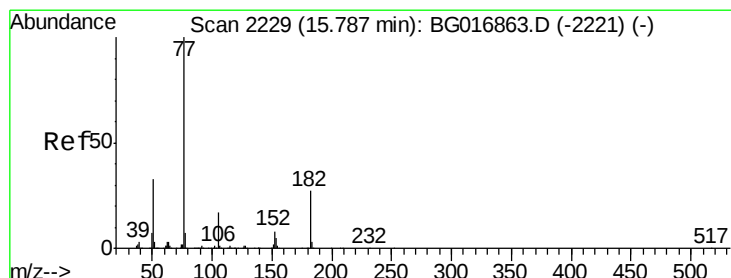
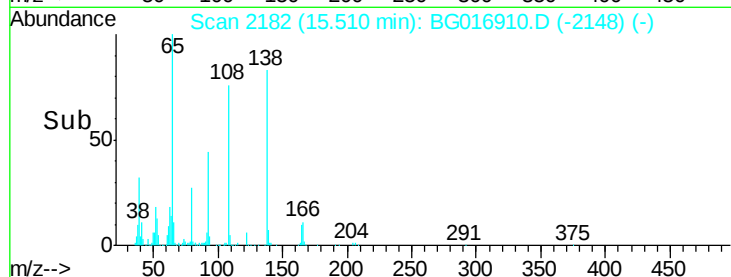
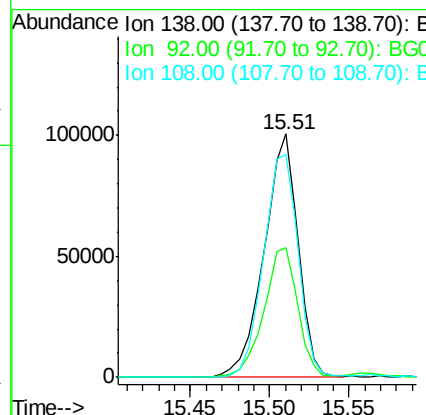
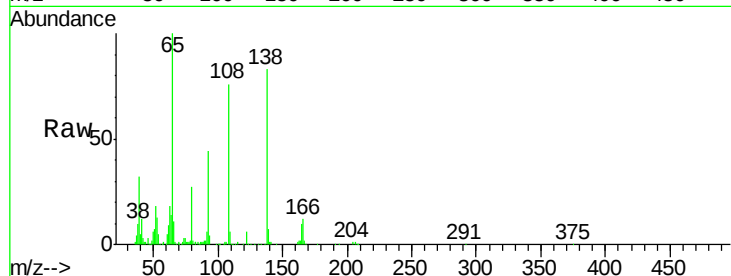




#61
4-Nitroaniline
Concen: 31.12 ng
RT: 15.51 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

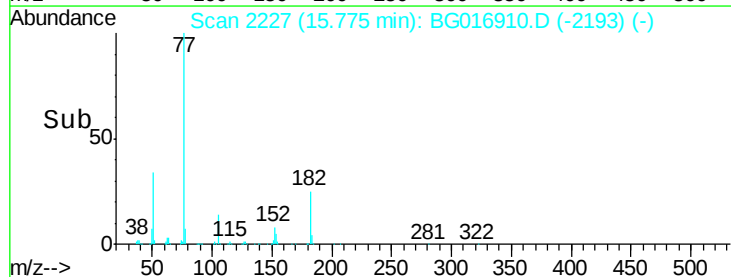
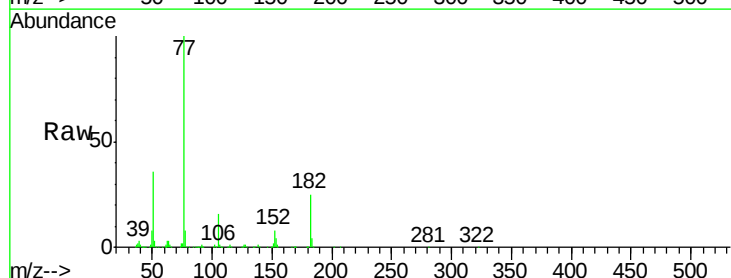
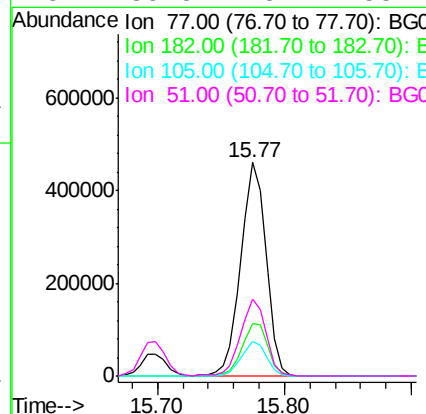
Instrument :
BNA_G
ClientSampleId :
PB83110BS

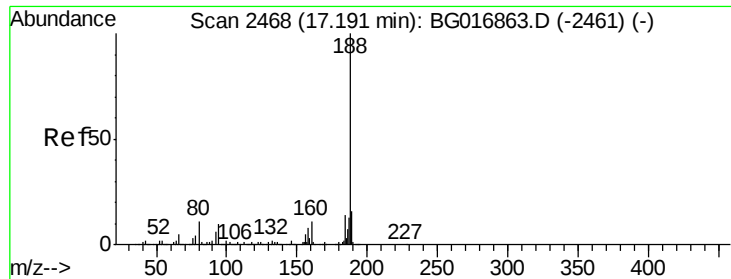
Tot Ion:138 Resp: 150476
Ion Ratio Lower Upper
138 100
92 53.1 31.8 71.8
108 91.8 70.6 110.6



#62
Azobenzene
Concen: 32.95 ng
RT: 15.77 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

Tgt Ion: 77 Resp: 636064
Ion Ratio Lower Upper
77 100
182 24.7 7.4 47.4
105 16.4 0.0 36.6
51 35.8 13.4 53.4

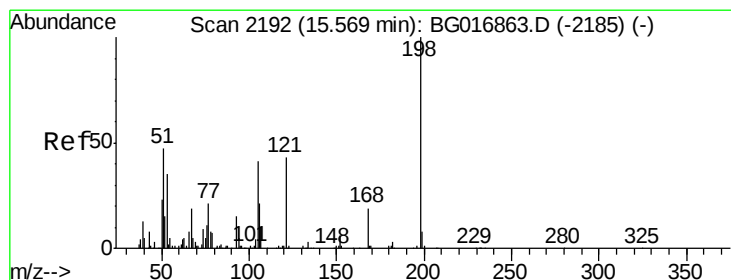
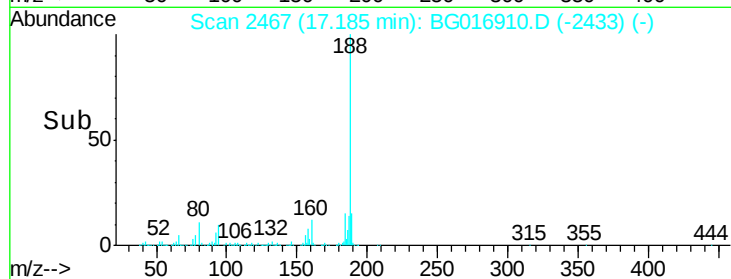
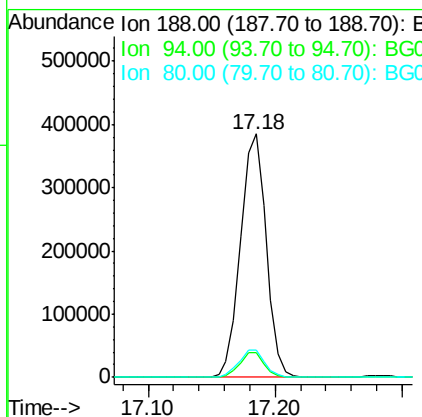
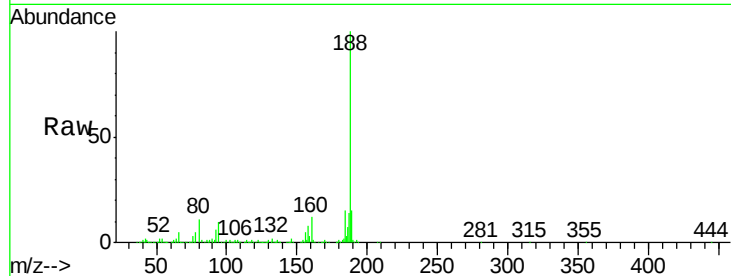




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2467
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

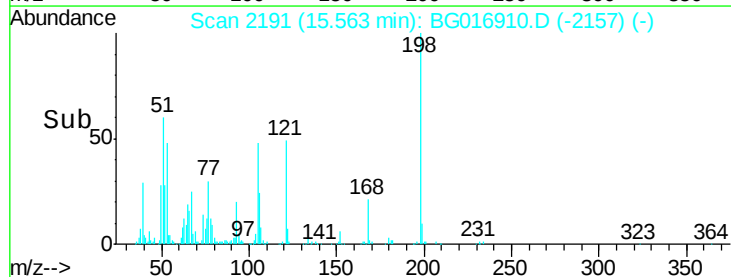
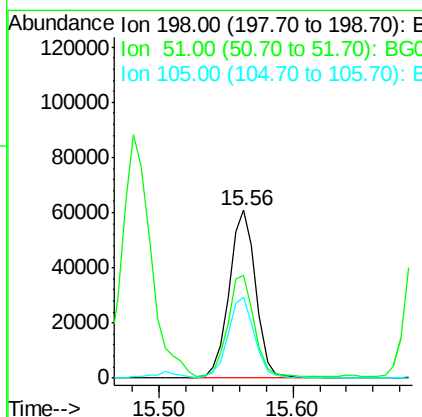
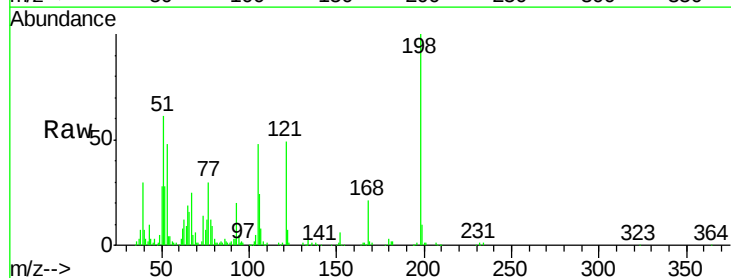
Instrument :
BNA_G
ClientSampleId :
PB83110BS

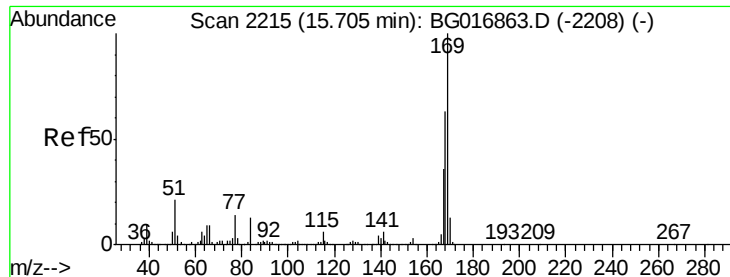
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.4
80	11.3	8.8	13.2



#64
4,6-Dinitro-2-methylphenol
Concen: 31.82 ng
RT: 15.56 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

Tgt Ion	Ratio	Lower	Upper
198	100		
51	61.0	31.2	71.2
105	48.3	22.0	62.0

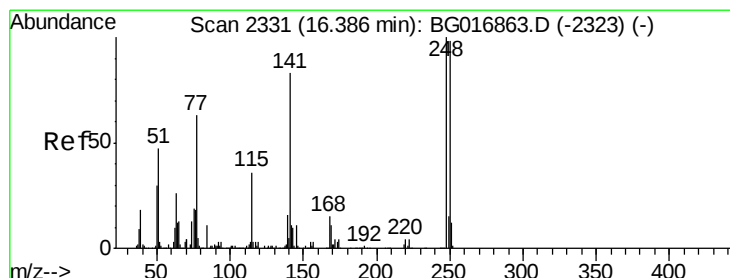
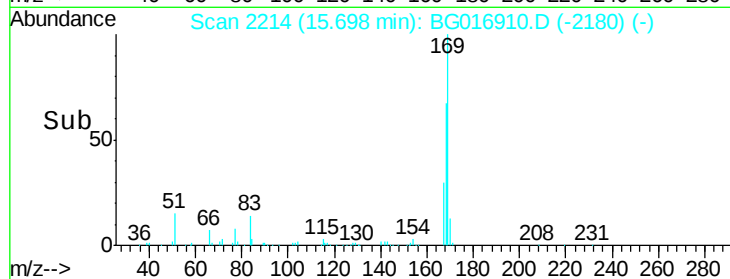
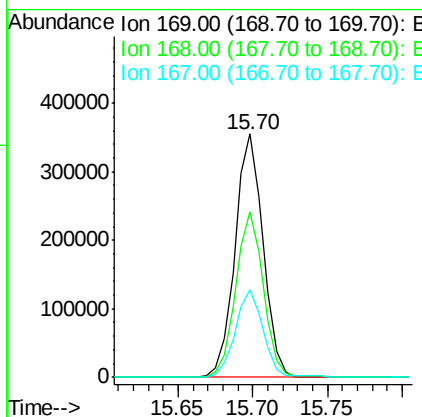
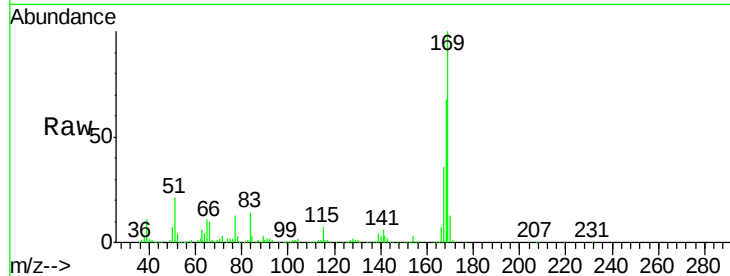




#65
n-Nitrosodiphenylamine
Concen: 28.17 ng
RT: 15.70 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

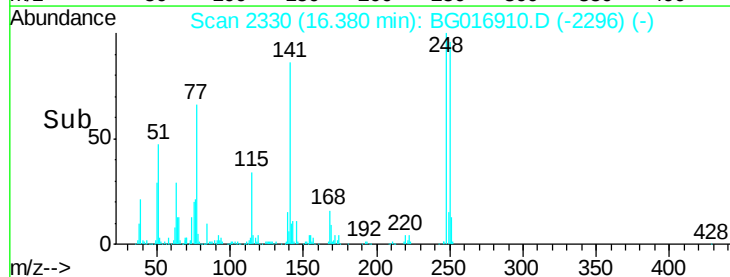
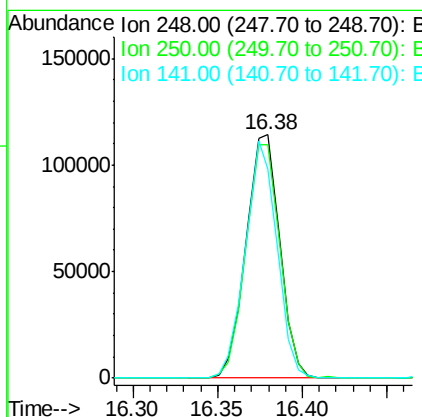
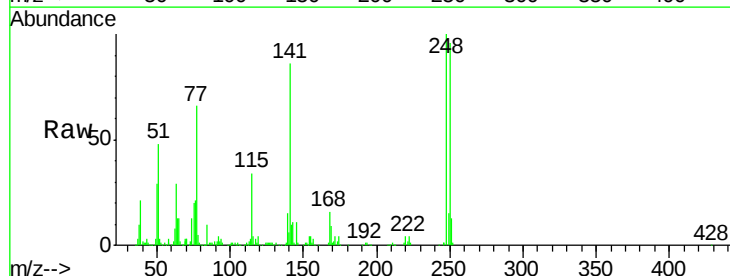
Instrument :
BNA_G
ClientSampleId :
PB83110BS

Tot Ion:169 Resp: 462478
Ion Ratio Lower Upper
169 100
168 67.8 50.6 76.0
167 35.7 29.0 43.4



#66
4-Bromophenyl-phenylether
Concen: 29.54 ng
RT: 16.38 min Scan# 2330
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

Tgt Ion:248 Resp: 159483
Ion Ratio Lower Upper
248 100
250 96.0 78.6 117.8
141 85.7 66.3 99.5





#67

Hexachlorobenzene

Concen: 28.78 ng

RT: 16.49 min Scan# 2348

Delta R.T. -0.01 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

Instrument :

BNA_G

ClientSampleId :

PB83110BS

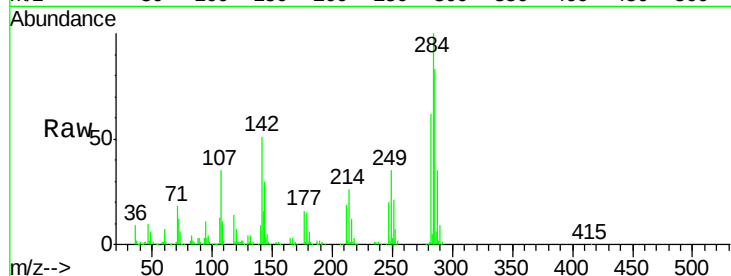
Tot Ion:284 Resp: 163824

Ion Ratio Lower Upper

284 100

142 51.3 37.4 56.0

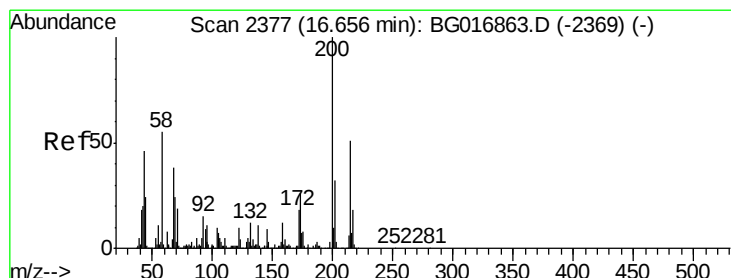
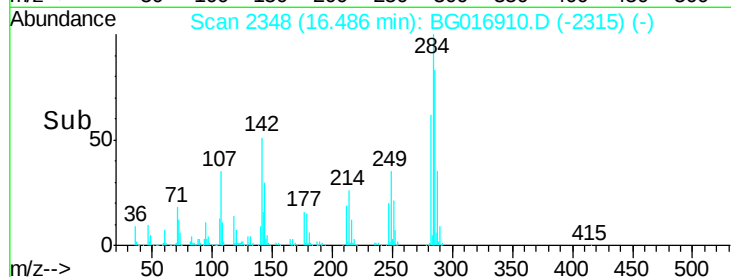
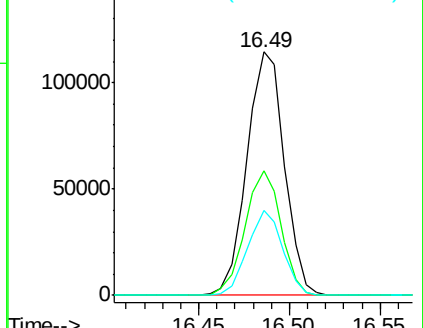
249 34.8 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 31.03 ng

RT: 16.65 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

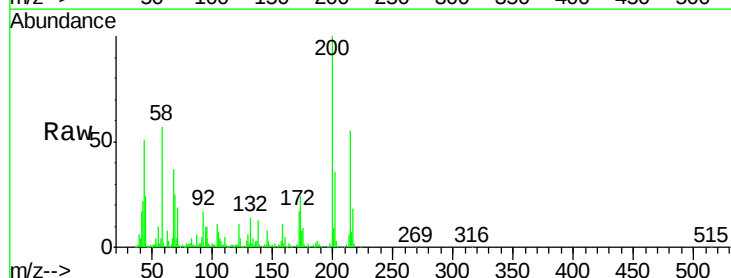
Tgt Ion:200 Resp: 183326

Ion Ratio Lower Upper

200 100

173 24.0 6.1 46.1

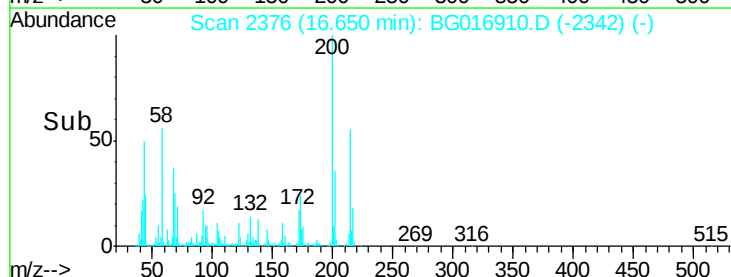
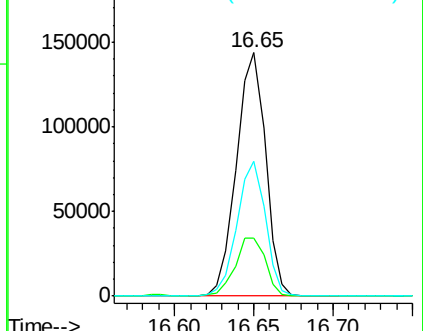
215 55.3 30.8 70.8

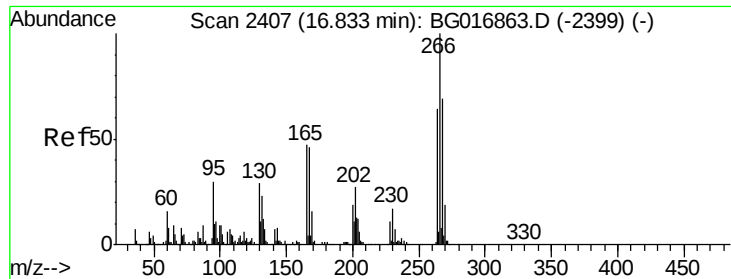


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 64.27 ng

RT: 16.83 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

Instrument :

BNA_G

ClientSampleId :

PB83110BS

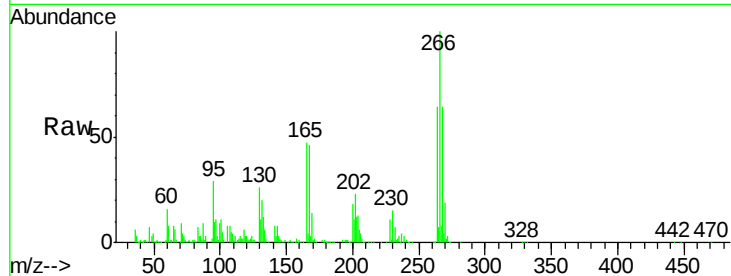
Tot Ion:266 Resp: 237540

Ion Ratio Lower Upper

266 100

268 63.9 55.2 82.8

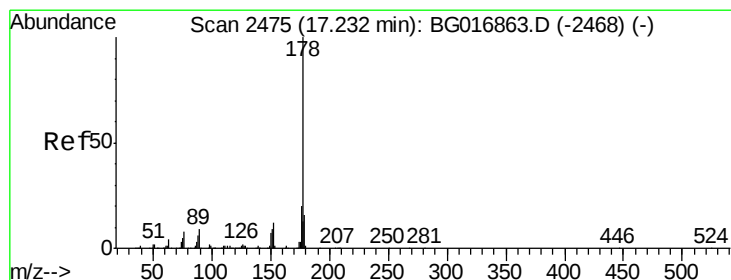
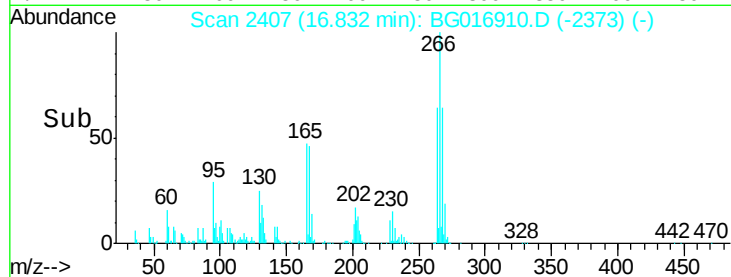
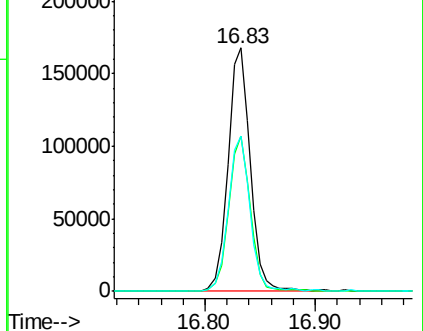
264 64.0 51.4 77.0



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 29.86 ng

RT: 17.23 min Scan# 2474

Delta R.T. 0.00 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

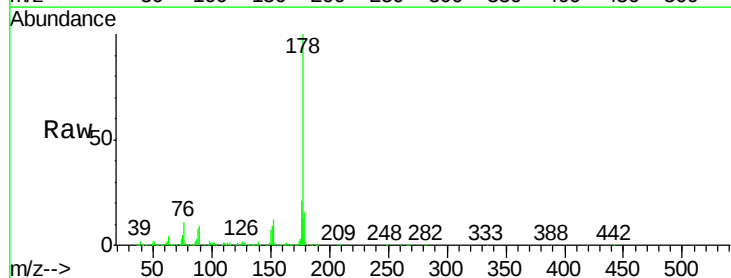
Tgt Ion:178 Resp: 826527

Ion Ratio Lower Upper

178 100

176 20.9 16.0 24.0

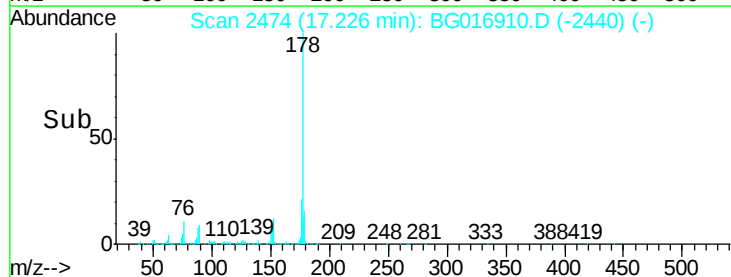
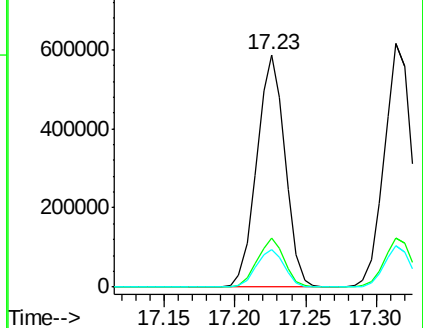
179 16.1 13.0 19.6

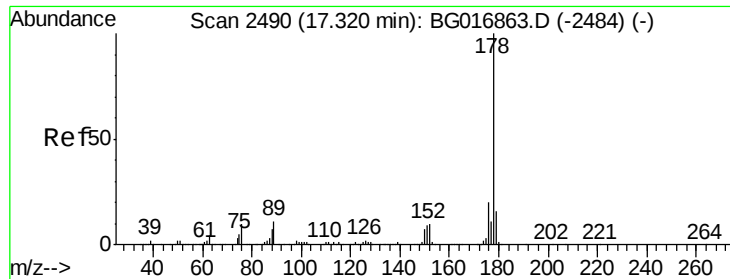


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

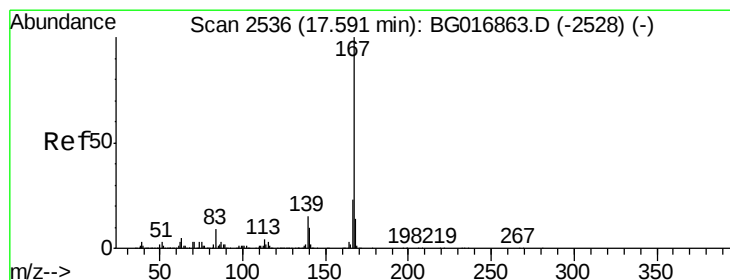
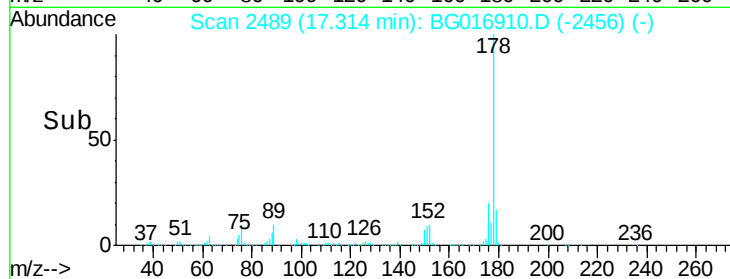
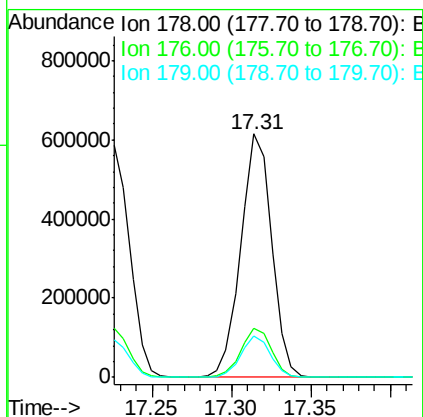
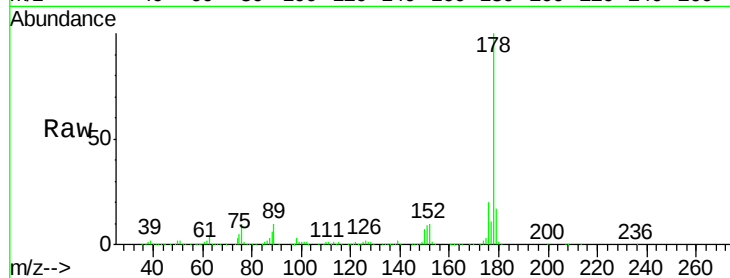




#71
 Anthracene
 Concen: 29.85 ng
 RT: 17.31 min Scan# 2489
 Delta R.T. -0.01 min
 Lab File: BG016910.D
 Acq: 6 May 2015 21:22

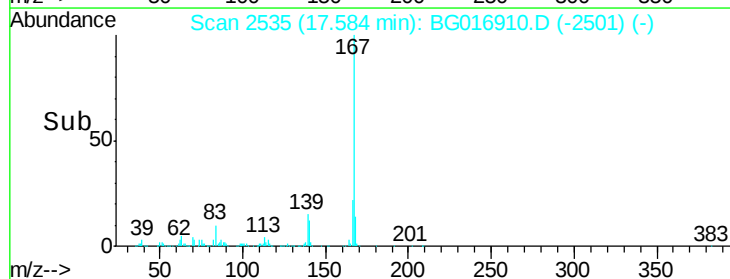
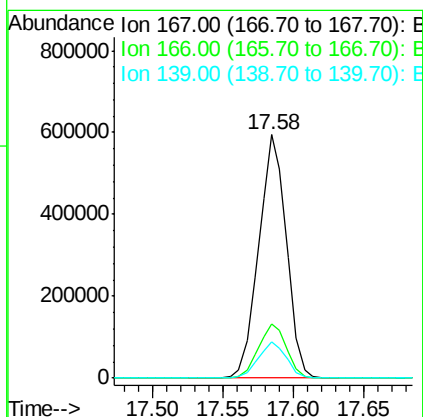
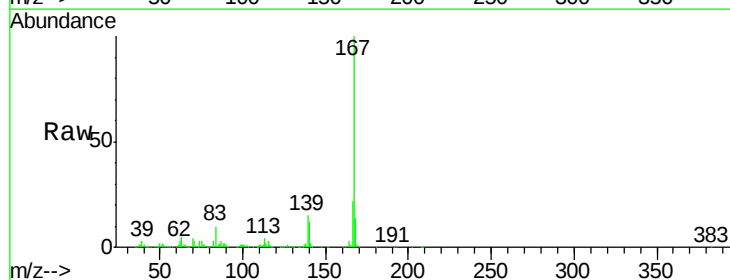
Instrument :
 BNA_G
 ClientSampleId :
 PB83110BS

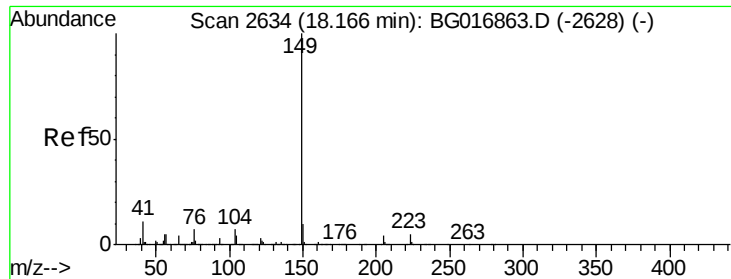
Tot Ion:178 Resp: 833319
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 17.0 13.1 19.7



#72
 Carbazole
 Concen: 30.90 ng
 RT: 17.58 min Scan# 2535
 Delta R.T. 0.00 min
 Lab File: BG016910.D
 Acq: 6 May 2015 21:22

Tgt Ion:167 Resp: 820315
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.4 27.6
 139 15.0 12.2 18.4

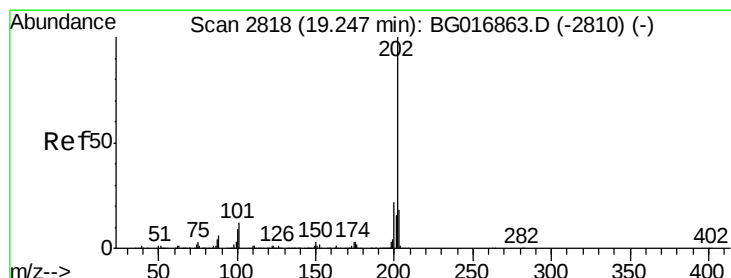
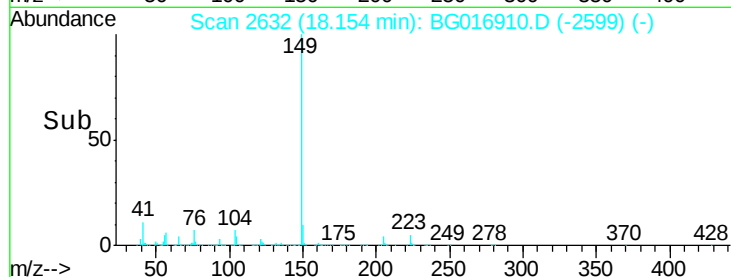
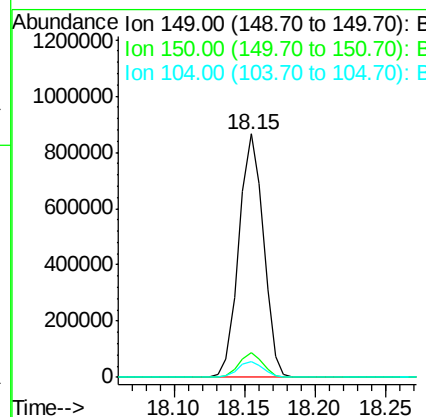
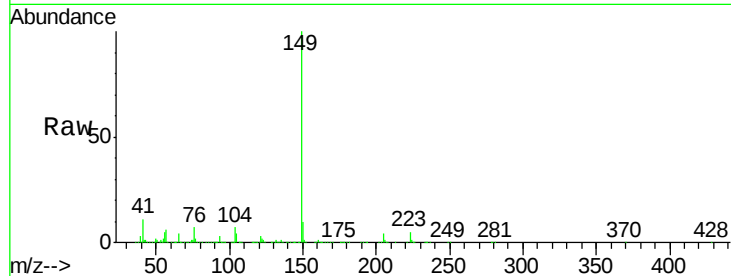




#73
Di-n-butylphthalate
Concen: 30.47 ng
RT: 18.15 min Scan# 2632
Delta R.T. -0.01 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

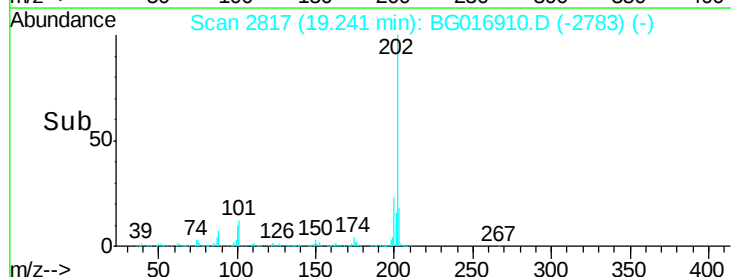
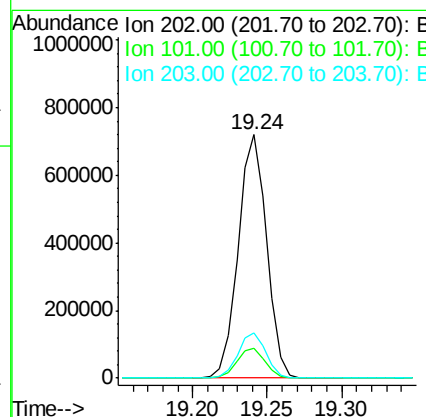
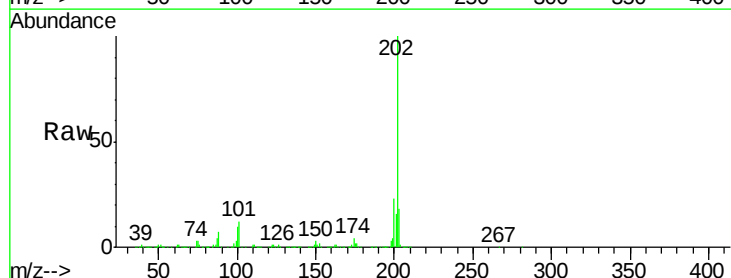
Instrument :
BNA_G
ClientSampleId :
PB83110BS

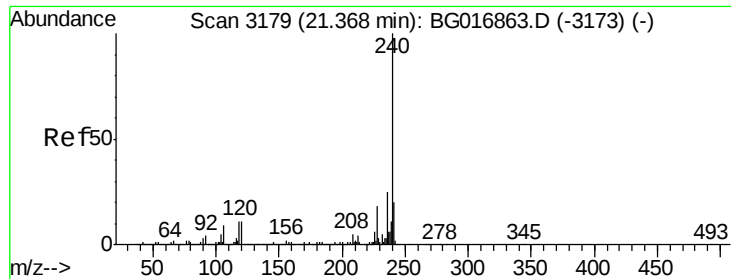
Tot Ion:149 Resp: 1048547
Ion Ratio Lower Upper
149 100
150 10.3 7.7 11.5
104 6.7 5.4 8.0



#74
Fluoranthene
Concen: 29.63 ng
RT: 19.24 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

Tgt Ion:202 Resp: 951322
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.5
203 18.5 0.0 38.1

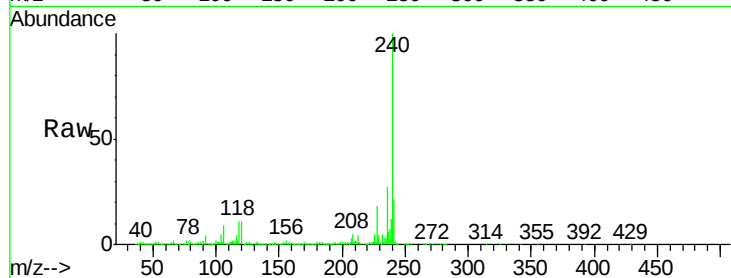




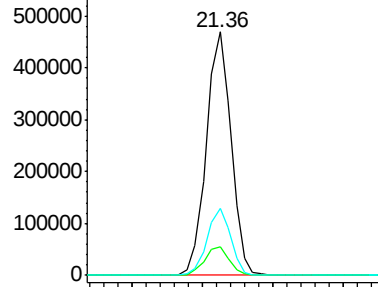
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3178
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

Instrument :
BNA_G
ClientSampleId :
PB83110BS

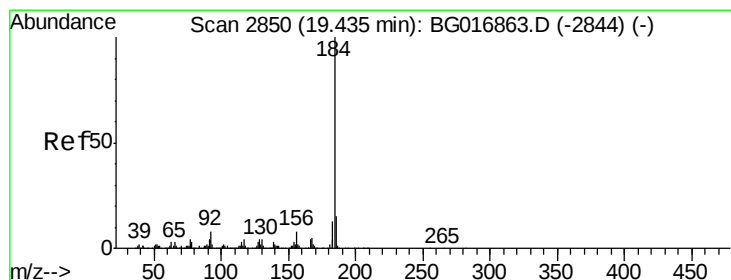
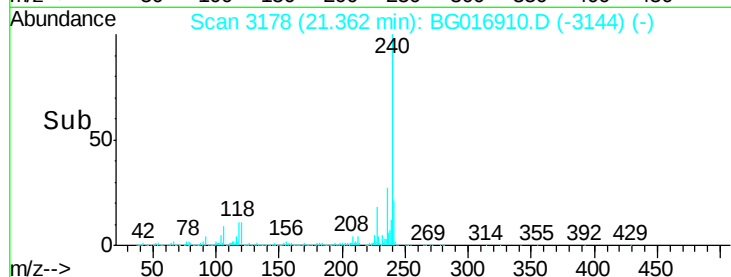
Tot Ion:240 Resp: 572474
Ion Ratio Lower Upper
240 100
120 11.5 9.1 13.7
236 27.3 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

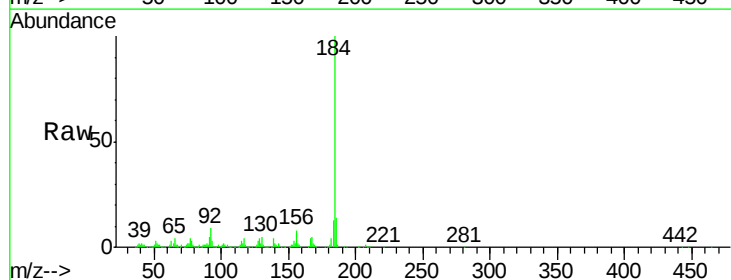


Time-->

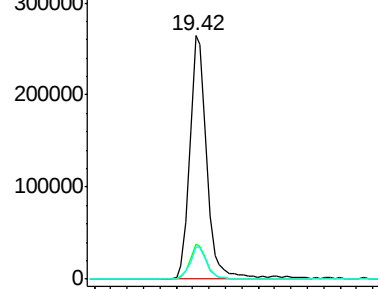


#76
Benzidine
Concen: 19.82 ng
RT: 19.42 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

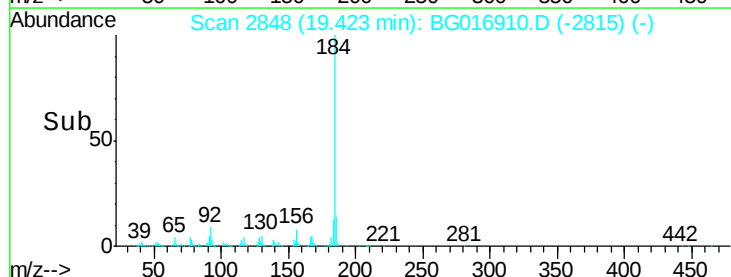
Tgt Ion:184 Resp: 385547
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 13.3 10.6 15.8

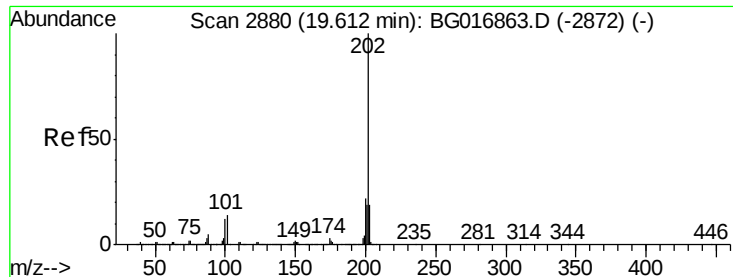


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time-->

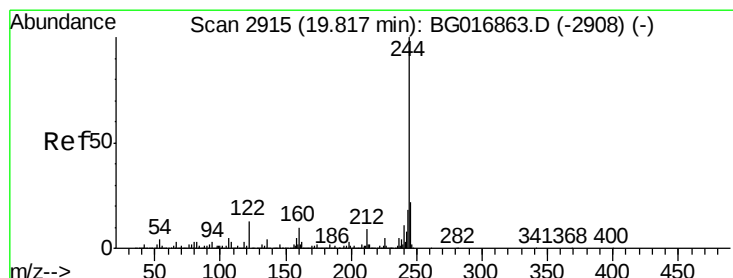
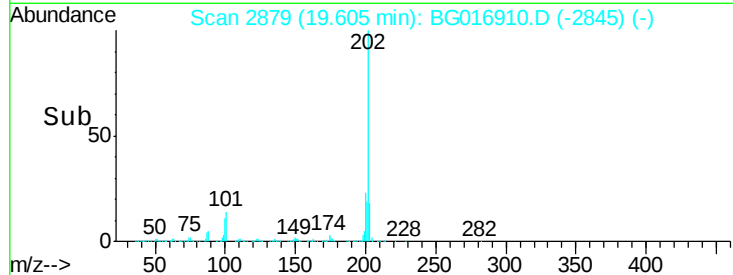
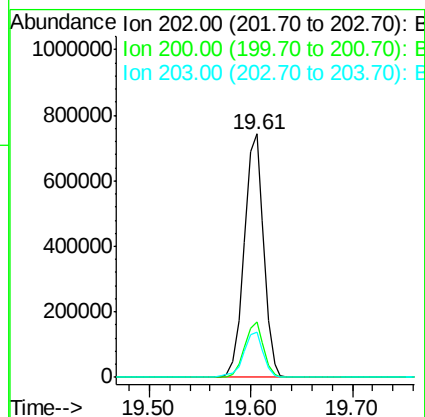
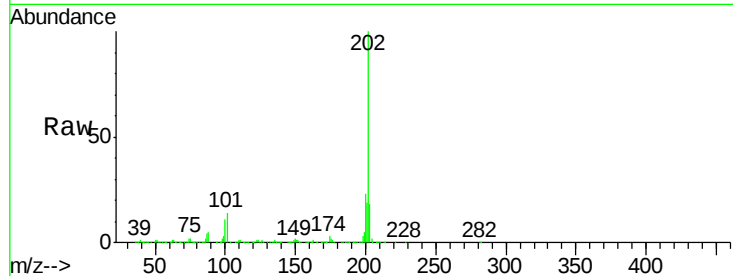




#77
Pvrene
Concen: 29.09 ng
RT: 19.61 min Scan# 2879
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

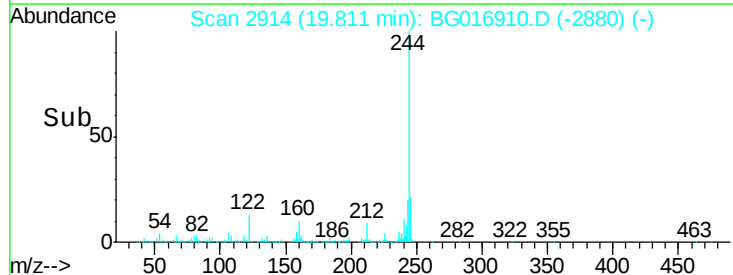
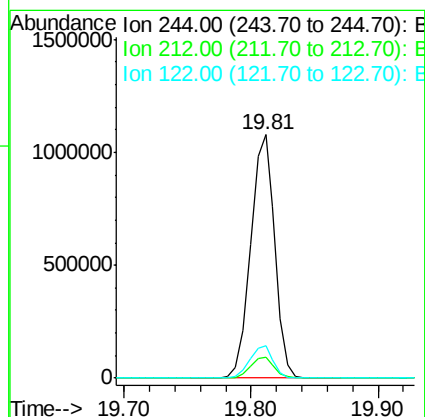
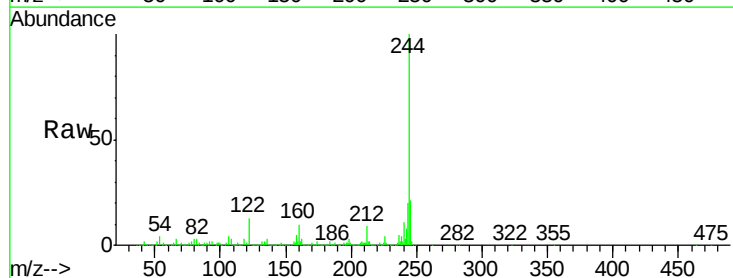
Instrument :
BNA_G
ClientSampleId :
PB83110BS

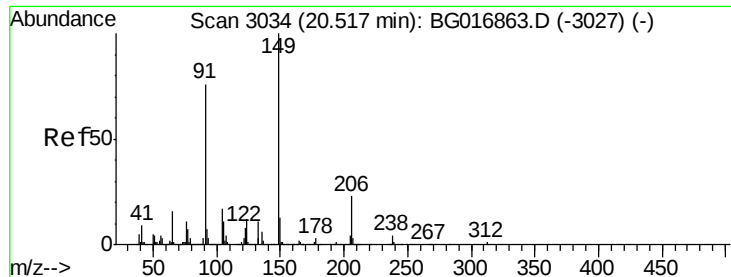
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.9	26.9
203	18.4	15.2	22.8



#78
Terphenyl-d14
Concen: 58.02 ng
RT: 19.81 min Scan# 2914
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	13.1	10.4	15.6

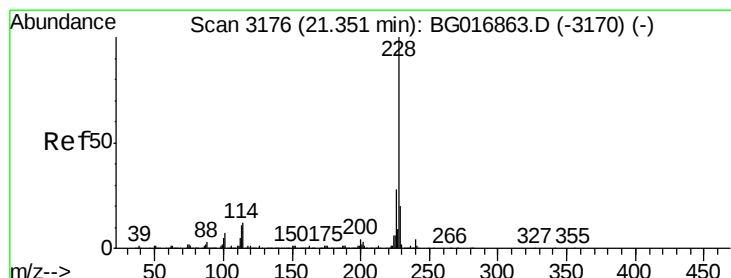
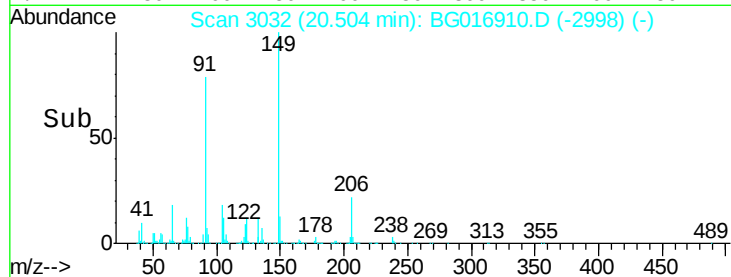
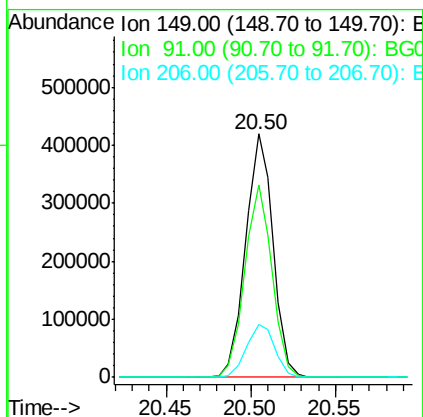
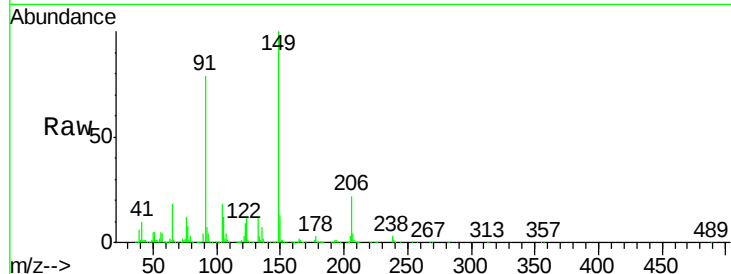




#79
Butylbenzylphthalate
Concen: 29.50 ng
RT: 20.50 min Scan# 3032
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

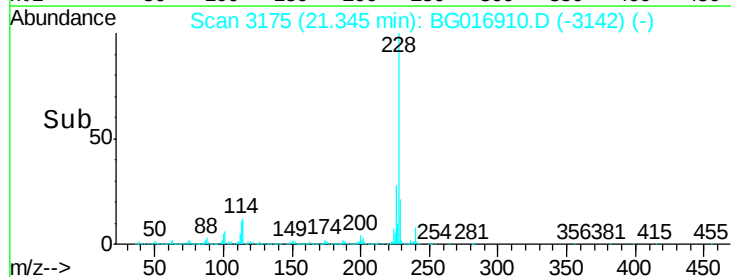
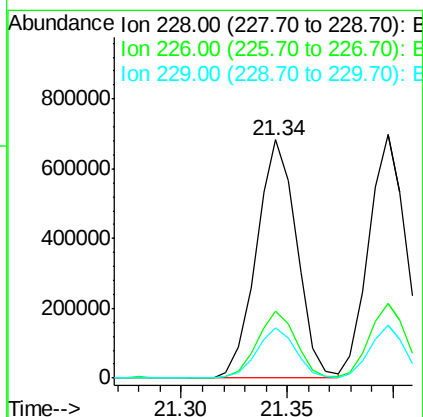
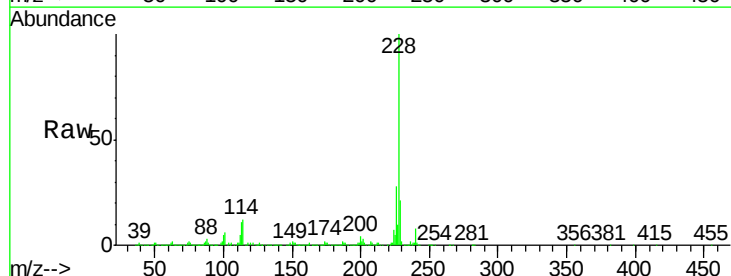
Instrument :
BNA_G
ClientSampled :
PB83110BS

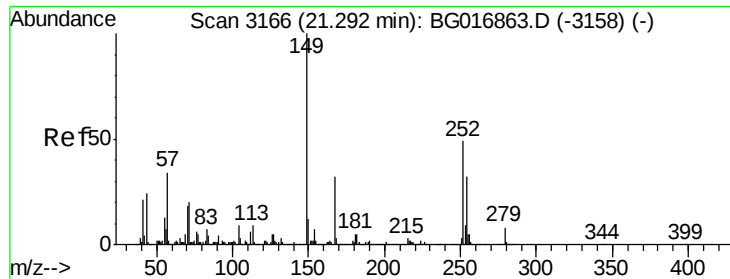
Tot Ion:149 Resp: 473691
Ion Ratio Lower Upper
149 100
91 79.1 60.6 91.0
206 22.0 18.4 27.6



#80
Benzo(a)anthracene
Concen: 29.46 ng
RT: 21.34 min Scan# 3175
Delta R.T. -0.01 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

Tgt Ion:228 Resp: 904842
Ion Ratio Lower Upper
228 100
226 27.9 22.7 34.1
229 21.4 16.1 24.1

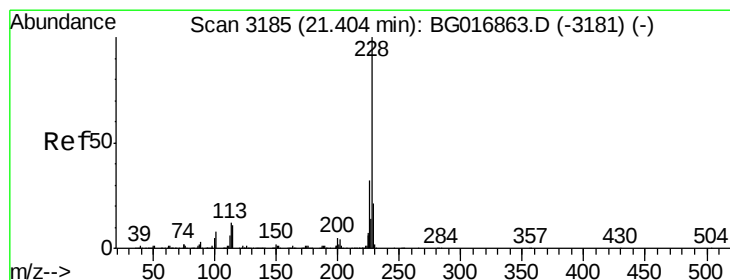
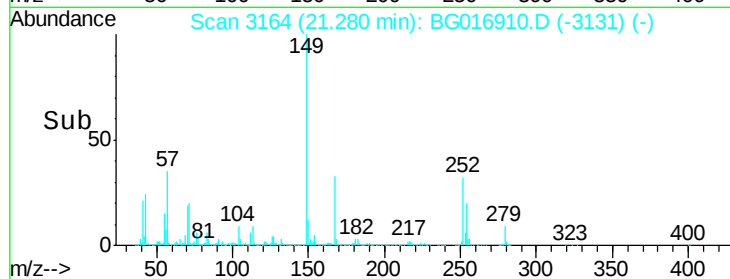
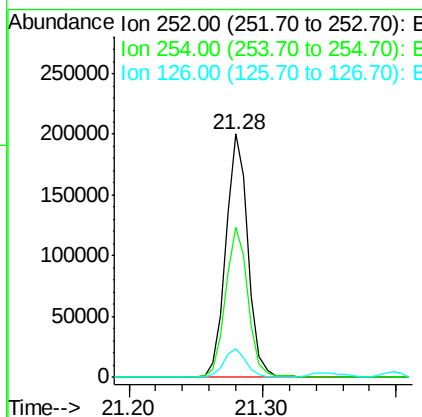
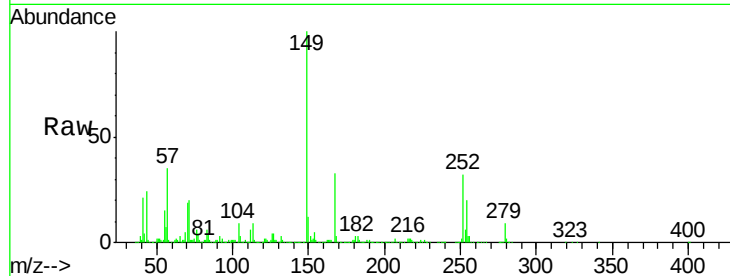




#81
 3,3'-Dichlorobenzidine
 Concen: 19.54 ng
 RT: 21.28 min Scan# 3164
 Delta R.T. -0.01 min
 Lab File: BG016910.D
 Acq: 6 May 2015 21:22

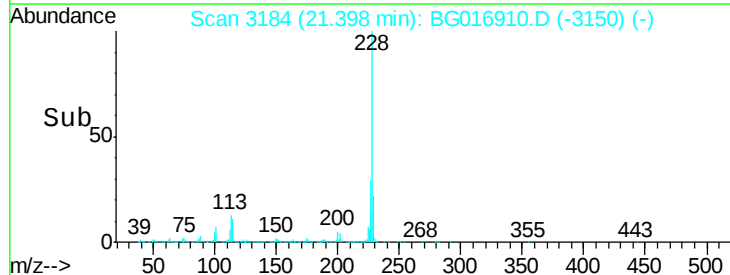
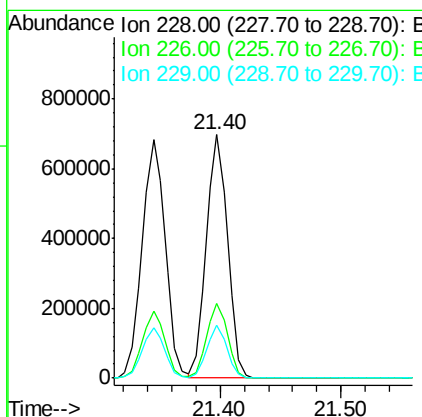
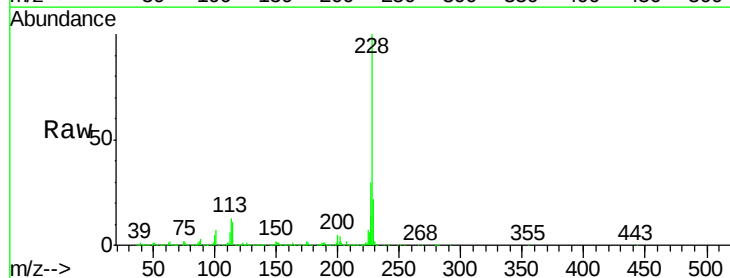
Instrument :
 BNA_G
 ClientSampleId :
 PB83110BS

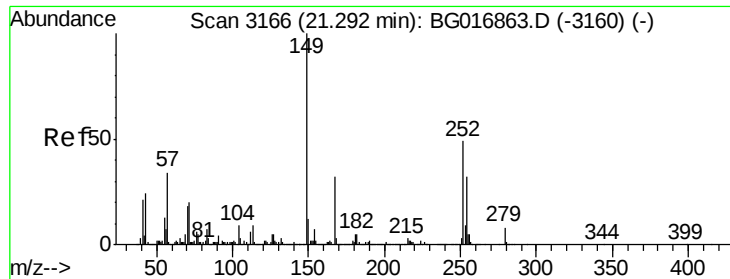
Tot Ion:252 Resp: 234343
 Ion Ratio Lower Upper
 252 100
 254 61.5 51.7 77.5
 126 11.6 8.9 13.3



#82
 Chrysene
 Concen: 29.42 ng
 RT: 21.40 min Scan# 3184
 Delta R.T. 0.00 min
 Lab File: BG016910.D
 Acq: 6 May 2015 21:22

Tgt Ion:228 Resp: 846392
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.4 38.0
 229 21.5 16.5 24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 29.72 ng

RT: 21.28 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

Instrument :

BNA_G

ClientSampleId :

PB83110BS

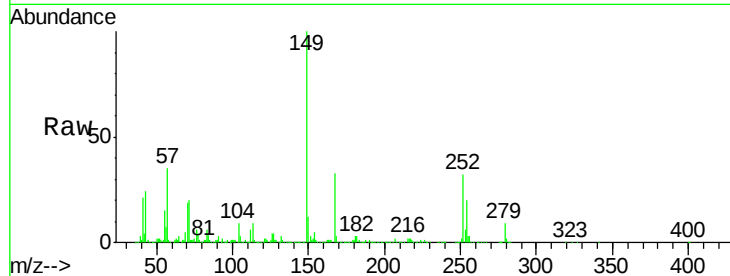
Tot Ion:149 Resp: 652829

Ion Ratio Lower Upper

149 100

167 32.6 25.4 38.0

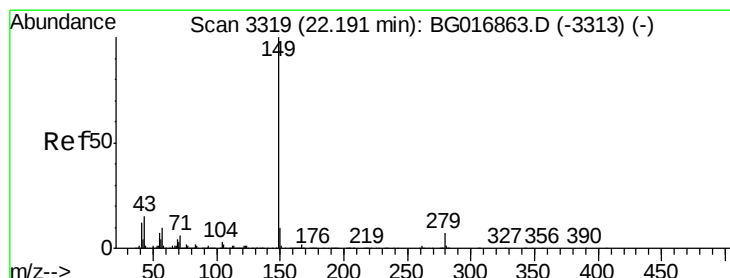
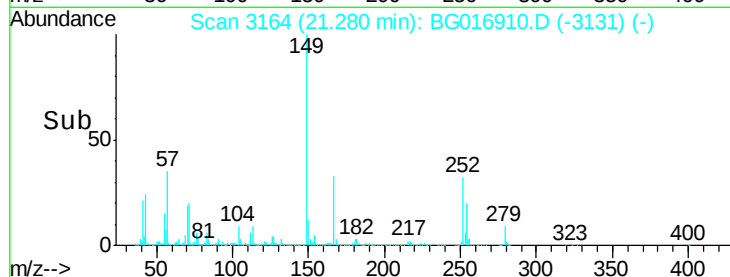
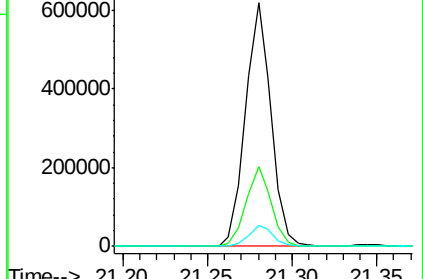
279 8.7 6.4 9.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 29.85 ng

RT: 22.17 min Scan# 3316

Delta R.T. -0.01 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

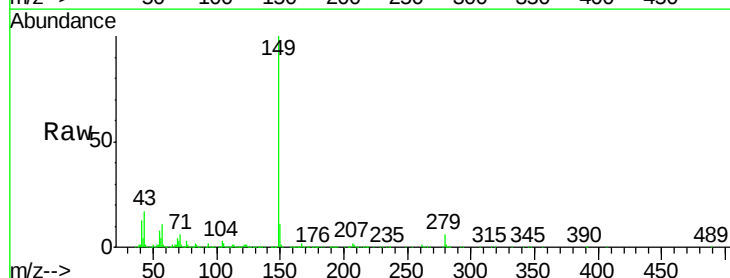
Tgt Ion:149 Resp: 1101468

Ion Ratio Lower Upper

149 100

167 1.8 0.0 0.0#

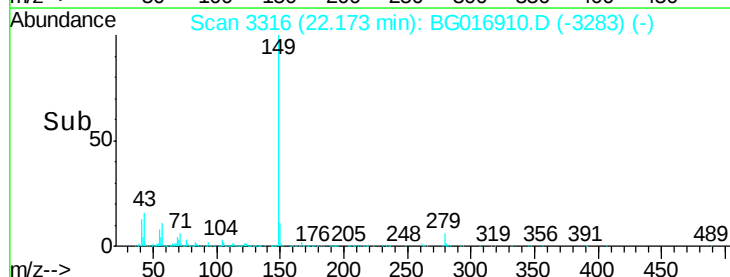
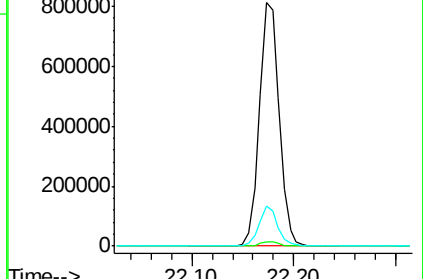
43 14.9 0.0 0.0#

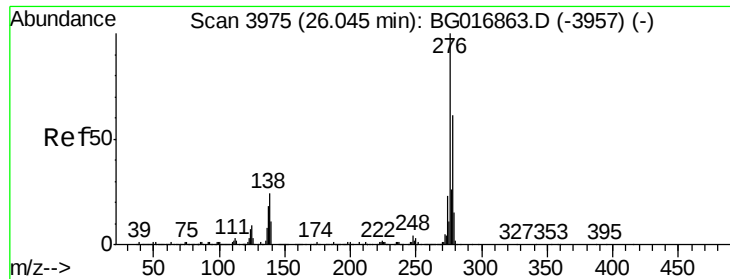


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 29.63 ng

RT: 26.03 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

Instrument :

BNA_G

ClientSampleId :

PB83110BS

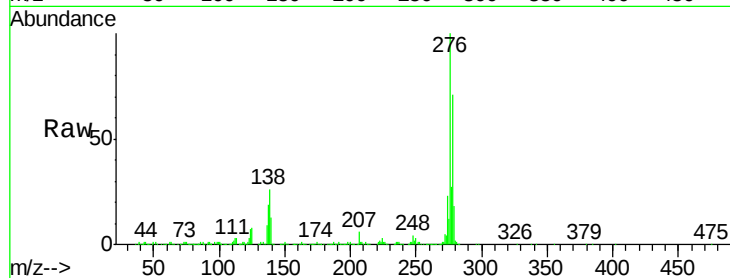
Tot Ion:276 Resp: 1015838

Ion Ratio Lower Upper

276 100

138 26.6 0.0 0.0#

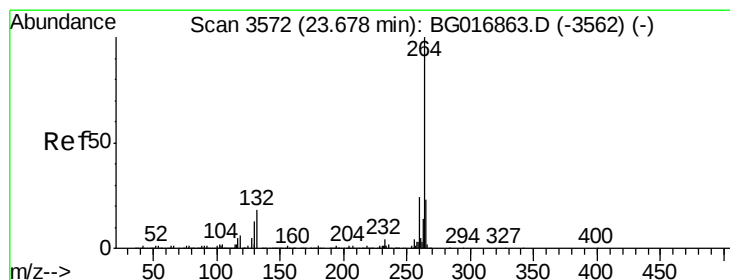
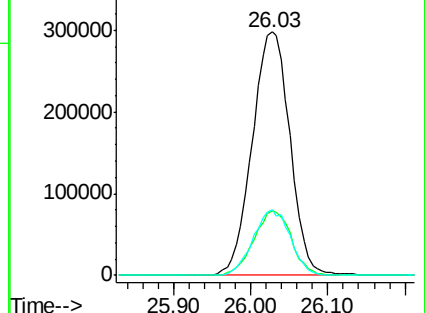
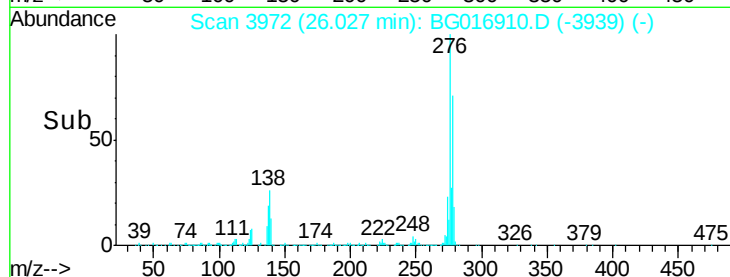
277 26.6 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.67 min Scan# 3570

Delta R.T. 0.00 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

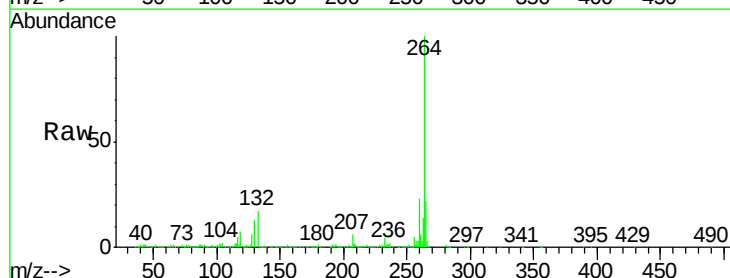
Tgt Ion:264 Resp: 567070

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

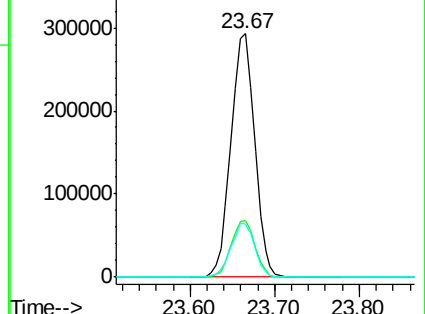
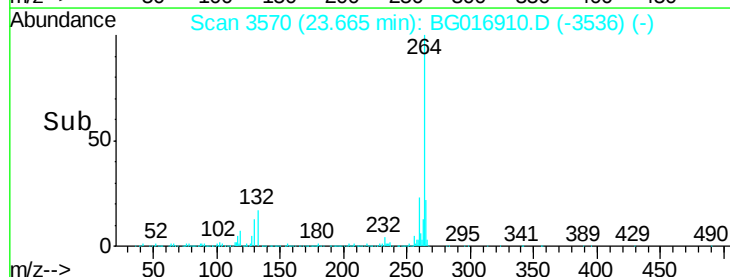
265 21.7 18.5 27.7

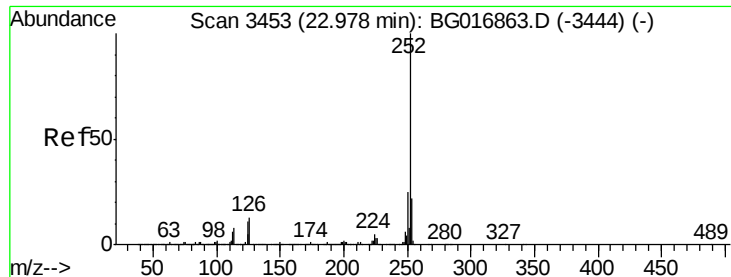


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

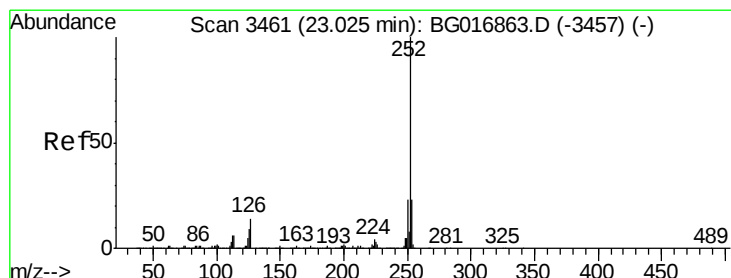
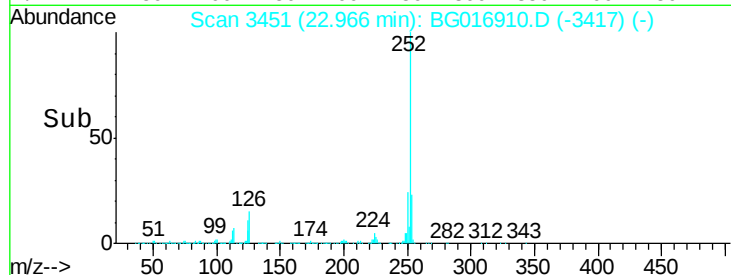
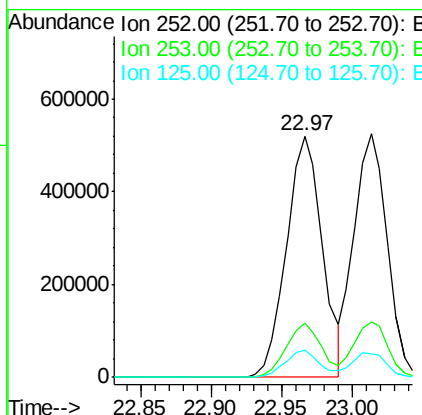
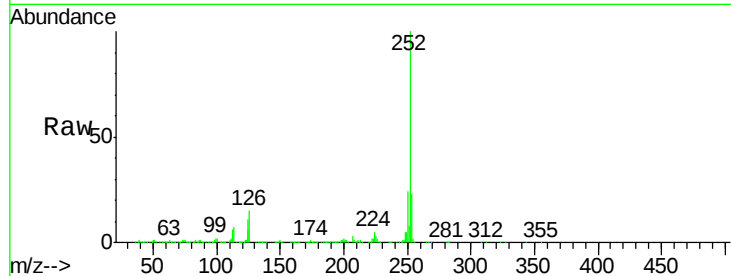




#87
Benzo(b)fluoranthene
Concen: 29.07 ng
RT: 22.97 min Scan# 3451
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

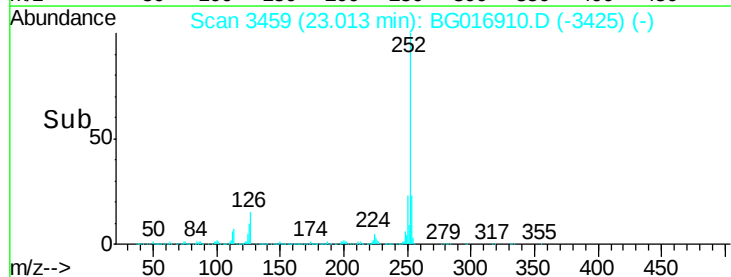
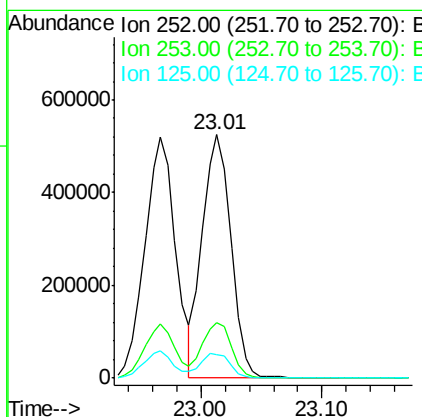
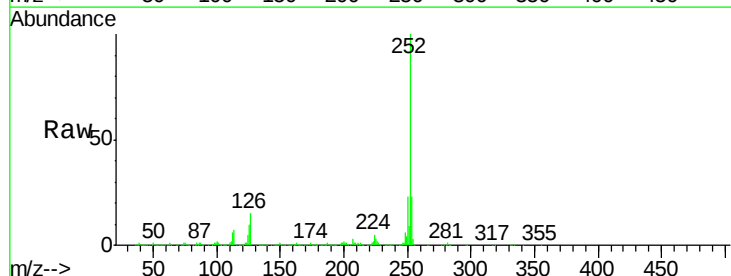
Instrument :
BNA_G
ClientSampleId :
PB83110BS

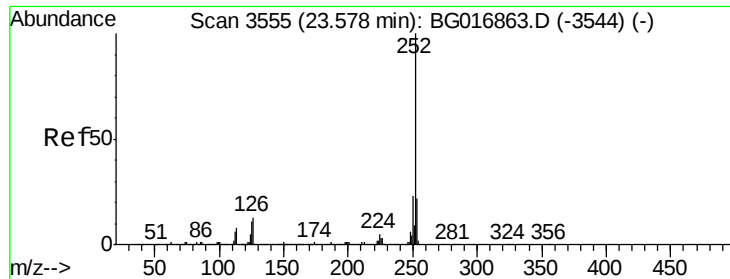
Tot Ion:252 Resp: 918383
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 11.5 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 28.11 ng
RT: 23.01 min Scan# 3459
Delta R.T. 0.00 min
Lab File: BG016910.D
Acq: 6 May 2015 21:22

Tgt Ion:252 Resp: 854266
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 9.9 7.9 11.9





#89

Benzo(a)pyrene

Concen: 29.70 ng

RT: 23.56 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

Instrument :

BNA_G

ClientSampleId :

PB83110BS

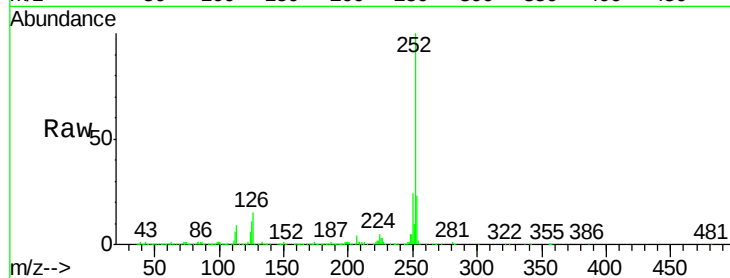
Tot Ion:252 Resp: 874936

Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

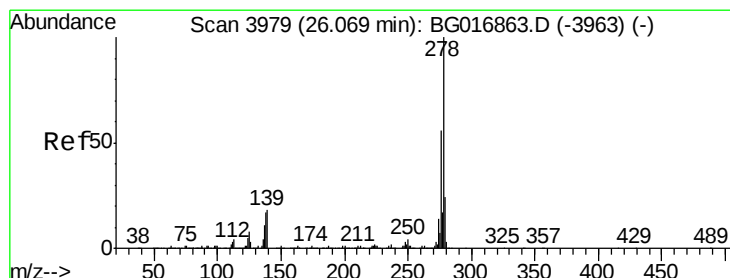
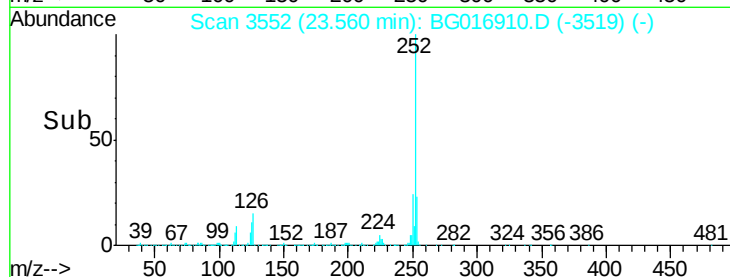
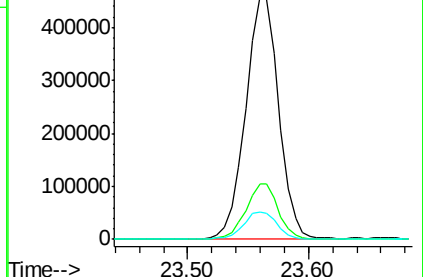
125 11.3 8.5 12.7



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: 28.59 ng

RT: 26.05 min Scan# 3975

Delta R.T. 0.00 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

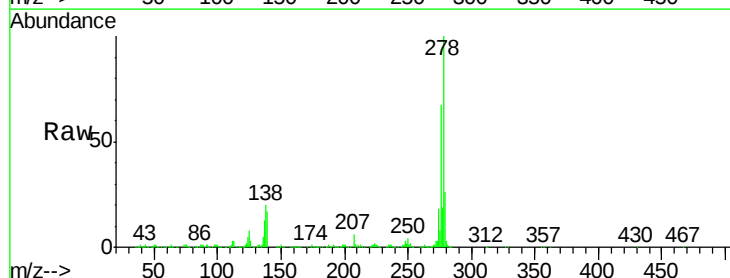
Tgt Ion:278 Resp: 860356

Ion Ratio Lower Upper

278 100

139 16.7 14.2 21.2

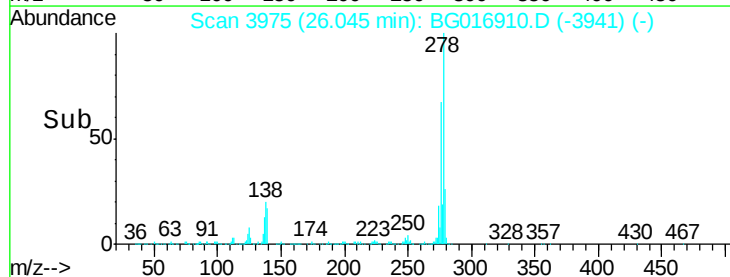
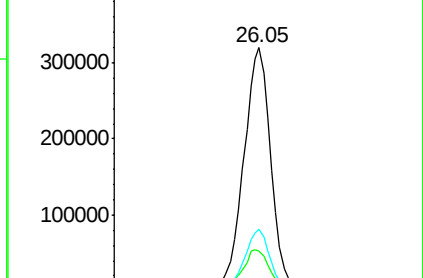
279 25.5 18.9 28.3

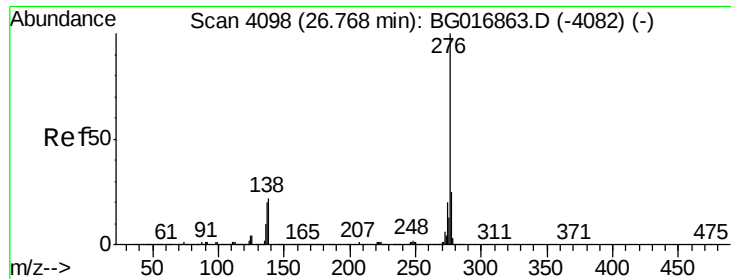


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 29.06 ng

RT: 26.76 min Scan# 4096

Delta R.T. 0.00 min

Lab File: BG016910.D

Acq: 6 May 2015 21:22

Instrument :

BNA_G

ClientSampleId :

PB83110BS

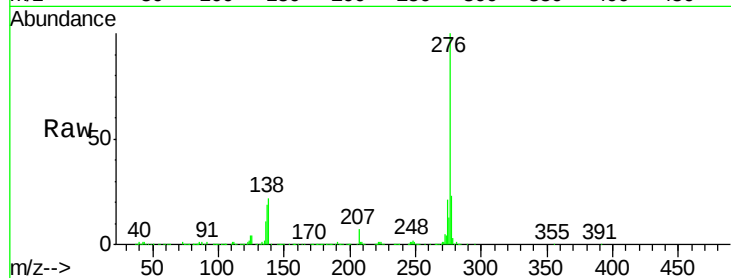
Tot Ion:276 Resp: 832757

Ion Ratio Lower Upper

276 100

277 22.9 19.6 29.4

138 22.2 17.5 26.3



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

