

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050715\
 Data File : BG016916.D
 Acq On : 7 May 2015 10:48
 Operator : TP/IZ
 Sample : PB83190BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

Quant Time: May 08 02:22:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 02:05:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	86162	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	386679	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	249696	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	547939	20.00	ng	0.00
75) Chrysene-d12	21.36	240	574322	20.00	ng	0.00
86) Perylene-d12	23.66	264	569319	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	538522	108.83	ng	0.01
7) Phenol-d6	6.97	99	738350	104.44	ng	0.01
23) Nitrobenzene-d5	8.96	82	464728	58.71	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	255153	101.79	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	923480	55.81	ng	0.00
78) Terphenyl-d14	19.81	244	1439332	58.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	54107	26.09	ng	# 1
3) Pyridine	3.69	79	160646	25.06	ng	95
4) n-Nitrosodimethylamine	3.60	42	112241	29.33	ng	95
6) Aniline	7.13	93	184189	18.55	ng	97
8) 2-Chlorophenol	7.36	128	187605	32.73	ng	97
9) Benzaldehyde	6.94	77	44858	7.63	ng	98
10) Phenol	6.99	94	257473	33.96	ng	98
11) bis(2-Chloroethyl)ether	7.23	93	178249	30.41	ng	98
12) 1,3-Dichlorobenzene	7.69	146	178613	28.26	ng	93
13) 1,4-Dichlorobenzene	7.83	146	184720	28.85	ng	97
14) 1,2-Dichlorobenzene	8.15	146	179899	29.28	ng	94
15) Benzyl Alcohol	8.03	79	199010	30.82	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.33	45	328096	30.24	ng	98
17) 2-Methylphenol	8.24	107	172943	32.40	ng	93
18) Hexachloroethane	8.88	117	75825	28.81	ng	96
19) n-Nitroso-di-n-propylamine	8.60	70	174296	28.12	ng	97
20) 3+4-Methylphenols	8.56	107	233284	31.71	ng	94
22) Acetophenone	8.62	105	282757	30.70	ng	# 99
24) Nitrobenzene	9.00	77	232232	29.05	ng	100
25) Isophorone	9.52	82	446276	27.92	ng	97
26) 2-Nitrophenol	9.71	139	103188	31.71	ng	99
27) 2,4-Dimethylphenol	9.77	122	190261	32.30	ng	96
28) bis(2-Chloroethoxy)methane	10.01	93	237858	29.48	ng	96
29) 2,4-Dichlorophenol	10.24	162	179576	32.27	ng	97
30) 1,2,4-Trichlorobenzene	10.45	180	170123	28.83	ng	98
31) Naphthalene	10.64	128	547493	28.47	ng	98
32) Benzoic acid	9.89	122	124612	37.80	ng	# 81
33) 4-Chloroaniline	10.75	127	113633	12.79	ng	97
34) Hexachlorobutadiene	10.92	225	99813	27.03	ng	89
35) Caprolactam	11.52	113	46755	16.17	ng	93
36) 4-Chloro-3-methylphenol	11.88	107	229591	32.22	ng	99
37) 2-Methylnaphthalene	12.25	142	422063	28.81	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	180210	26.70	ng	# 100
40) Hexachlorocyclopentadiene	12.60	237	248943	57.11	ng	99

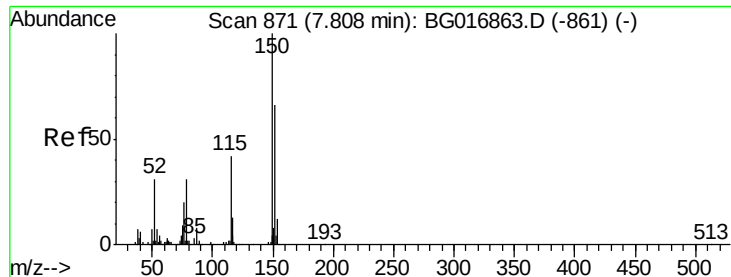
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050715\
 Data File : BG016916.D
 Acq On : 7 May 2015 10:48
 Operator : TP/IZ
 Sample : PB83190BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 02:05:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	138200	28.89	ng	93
43) 2,4,5-Trichlorophenol	12.93	196	157731	31.07	ng	98
45) 1,1'-Biphenyl	13.27	154	527932	29.53	ng	99
46) 2-Chloronaphthalene	13.31	162	411339	29.05	ng	96
47) 2-Nitroaniline	13.52	65	169844	34.46	ng	98
48) Acenaphthylene	14.16	152	702533	28.49	ng	99
49) Dimethylphthalate	13.90	163	550949	29.55	ng	99
50) 2,6-Dinitrotoluene	14.02	165	128344	33.15	ng	93
51) Acenaphthene	14.50	154	416914	28.41	ng	99
52) 3-Nitroaniline	14.34	138	94226	21.39	ng	96
53) 2,4-Dinitrophenol	14.55	184	134963	76.22	ng	93
54) Dibenzofuran	14.84	168	636269	30.53	ng	97
55) 4-Nitrophenol	14.65	139	248997	66.68	ng	97
56) 2,4-Dinitrotoluene	14.80	165	178117	35.97	ng	97
57) Fluorene	15.48	166	550069	29.81	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.06	232	141119	32.21	ng	# 77
59) Diethylphthalate	15.27	149	596011	30.28	ng	97
60) 4-Chlorophenyl-phenylether	15.48	204	274240	29.58	ng	99
61) 4-Nitroaniline	15.51	138	158972	31.13	ng	97
62) Azobenzene	15.78	77	645574	31.67	ng	97
64) 4,6-Dinitro-2-methylphenol	15.56	198	90234	33.21	ng	82
65) n-Nitrosodiphenylamine	15.70	169	487321	29.14	ng	99
66) 4-Bromophenyl-phenylether	16.38	248	165906	30.17	ng	95
67) Hexachlorobenzene	16.49	284	177603	30.62	ng	96
68) Atrazine	16.65	200	180219	29.94	ng	96
69) Pentachlorophenol	16.83	266	242680	64.45	ng	95
70) Phenanthrene	17.22	178	840085	29.79	ng	97
71) Anthracene	17.32	178	857241	30.13	ng	98
72) Carbazole	17.59	167	825807	30.54	ng	99
73) Di-n-butylphthalate	18.15	149	1069372	30.50	ng	99
74) Fluoranthene	19.24	202	969911	29.65	ng	97
76) Benzidine	19.43	184	384676	19.71	ng	99
77) Pyrene	19.60	202	983841	29.02	ng	99
79) Butylbenzylphthalate	20.50	149	481708	29.90	ng	97
80) Benzo(a)anthracene	21.35	228	913790	29.66	ng	99
81) 3,3'-Dichlorobenzidine	21.28	252	241740	20.09	ng	99
82) Chrysene	21.40	228	849217	29.43	ng	98
83) Bis(2-ethylhexyl)phthalate	21.28	149	656872	29.81	ng	99
84) Di-n-octyl phthalate	22.18	149	1112958	30.06	ng	# 100
85) Indeno(1,2,3-cd)pyrene	26.02	276	1002541	29.15	ng	# 100
87) Benzo(b)fluoranthene	22.97	252	931532	29.37	ng	98
88) Benzo(k)fluoranthene	23.02	252	852223	27.93	ng	97
89) Benzo(a)pyrene	23.56	252	865966	29.28	ng	98
90) Dibenzo(a,h)anthracene	26.05	278	863594	28.59	ng	99
91) Benzo(g,h,i)perylene	26.75	276	832967	28.96	ng	99

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

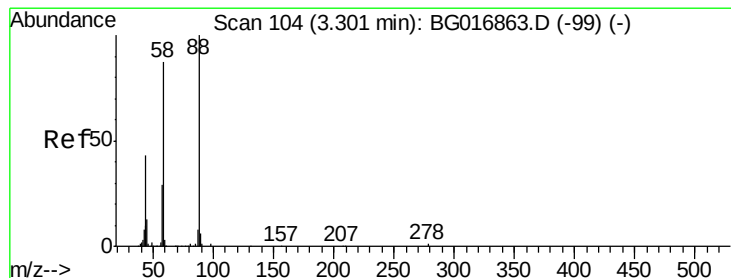
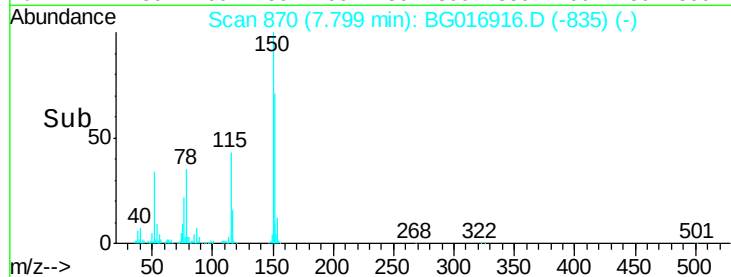
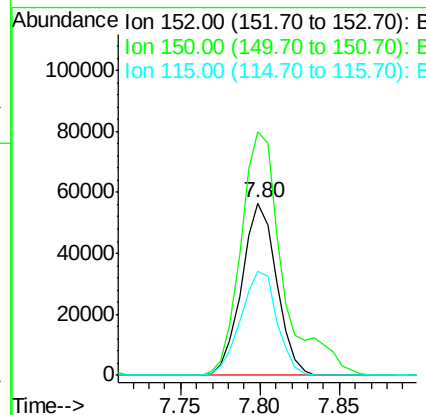
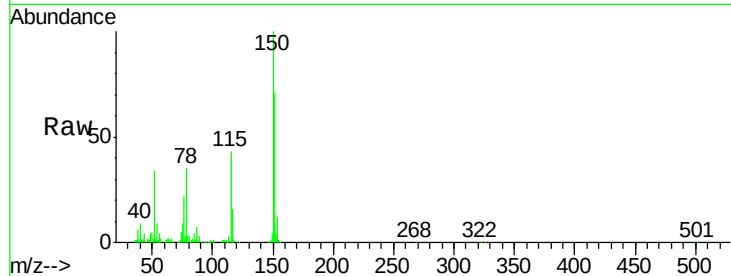


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 870
Delta R.T. 0.00 min
Lab File: BG016916.D
Acq: 7 May 2015 10:48

Instrument :
BNA_G
ClientSampleId :
PB83190BS

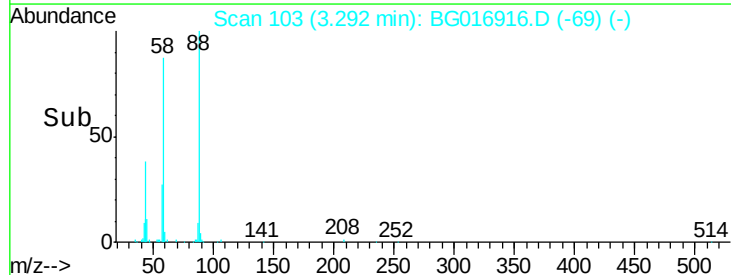
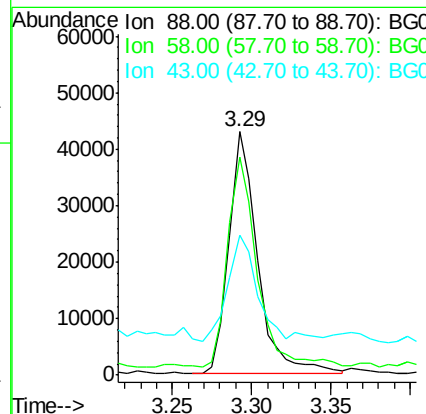
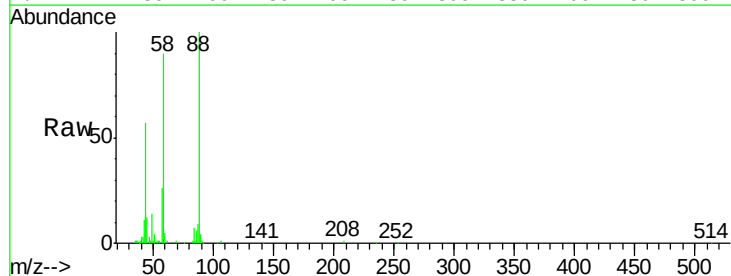
Tgt Ion:152 Resp: 86162
Ion Ratio Lower Upper
152 100
150 141.4 121.0 181.4
115 60.2 50.5 75.7

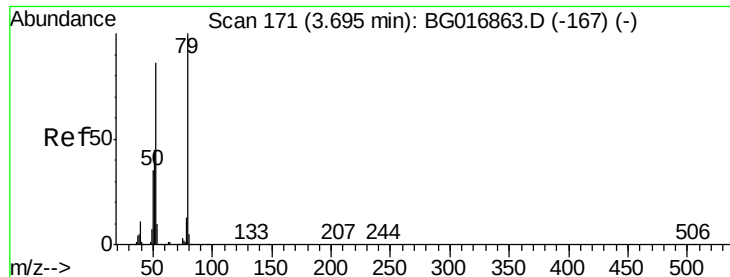


#2

1,4-Dioxane
Concen: 26.09 ng
RT: 3.29 min Scan# 103
Delta R.T. -0.00 min
Lab File: BG016916.D
Acq: 7 May 2015 10:48

Tgt Ion: 88 Resp: 54107
Ion Ratio Lower Upper
88 100
58 88.2 0.1 0.1#
43 47.7 1.3 1.9#





#3

Pyridine

Concen: 25.06 ng

RT: 3.69 min Scan# 170

Delta R.T. 0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

BNA_G

ClientSampleId :

PB83190BS

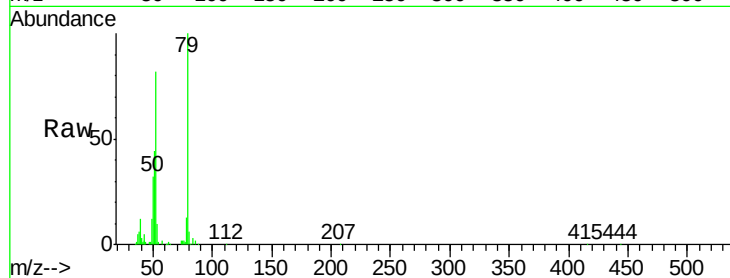
Tgt Ion: 79 Resp: 160646

Ion Ratio Lower Upper

79 100

52 81.6 68.5 102.7

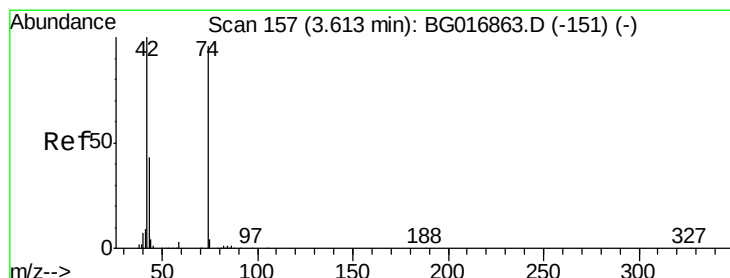
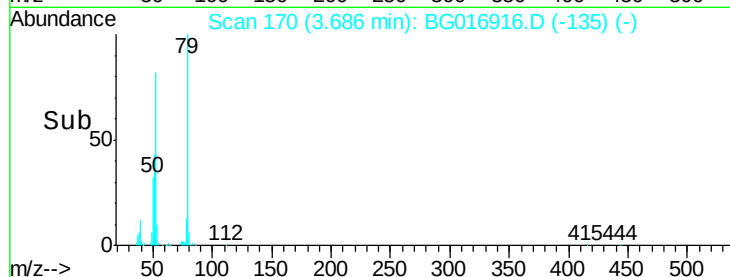
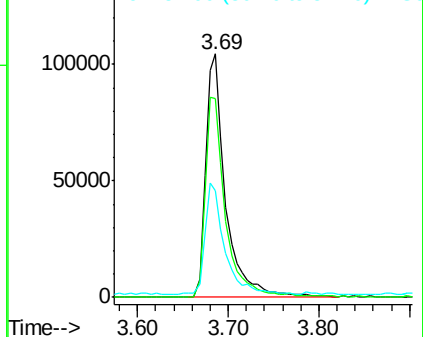
51 44.0 37.8 56.8



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: 29.33 ng

RT: 3.60 min Scan# 156

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

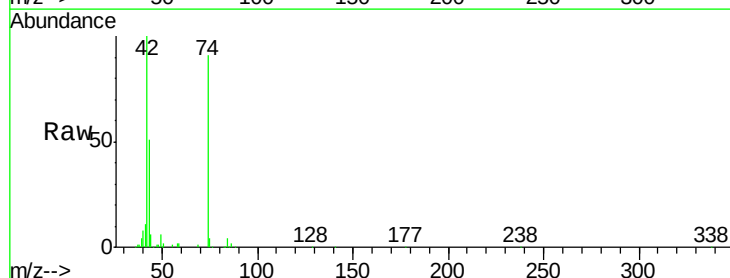
Tgt Ion: 42 Resp: 112241

Ion Ratio Lower Upper

42 100

74 90.6 76.2 114.2

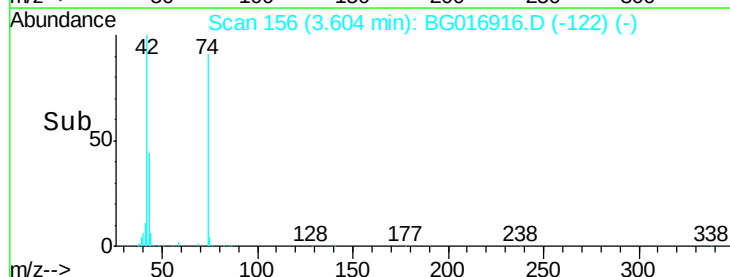
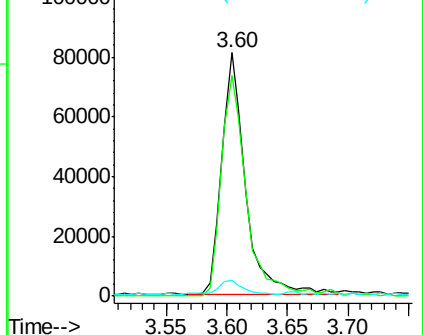
44 6.4 4.9 7.3

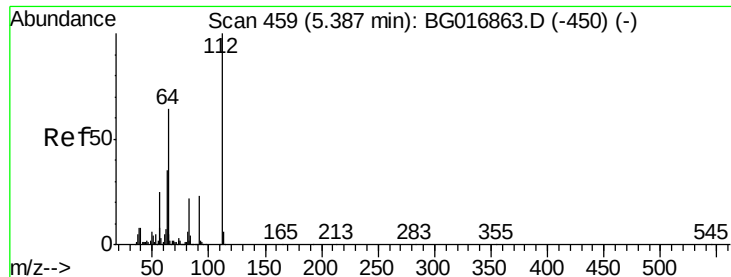


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 108.83 ng

RT: 5.38 min Scan# 459

Delta R.T. 0.01 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

BNA_G

ClientSampleId :

PB83190BS

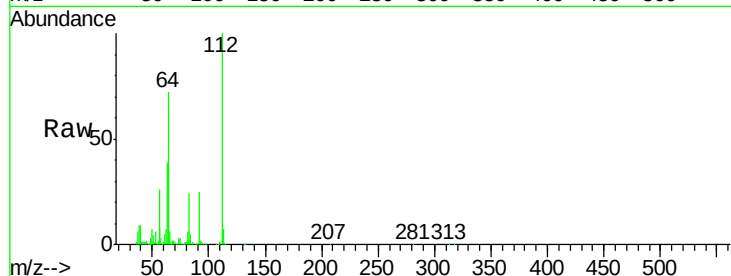
Tgt Ion: 112 Resp: 538522

Ion Ratio Lower Upper

112 100

64 72.1 51.4 77.2

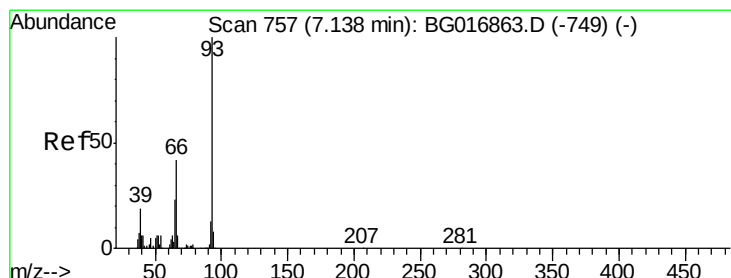
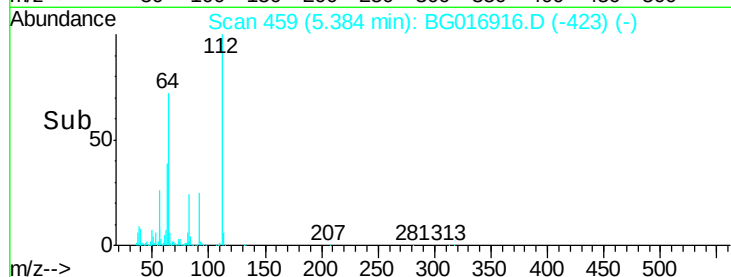
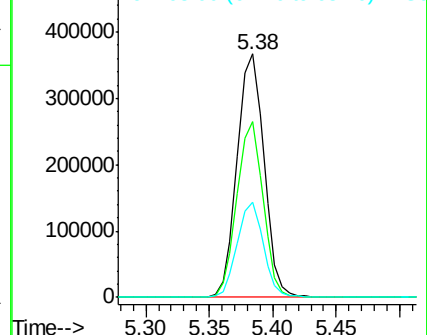
63 38.9 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.55 ng

RT: 7.13 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

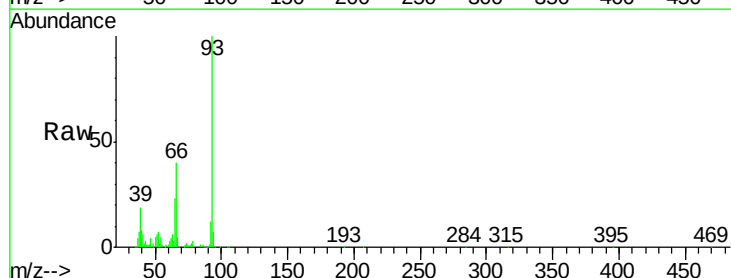
Tgt Ion: 93 Resp: 184189

Ion Ratio Lower Upper

93 100

66 40.3 33.8 50.6

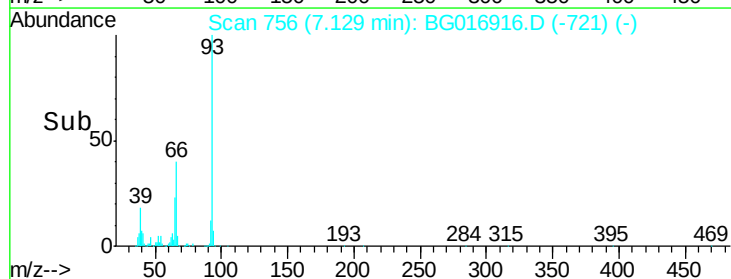
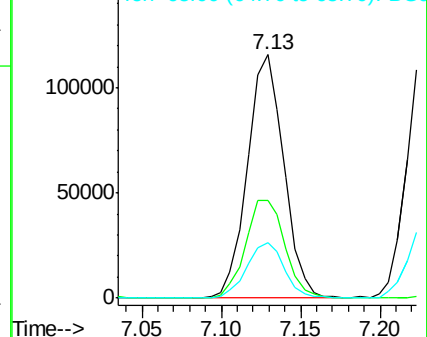
65 22.6 18.7 28.1

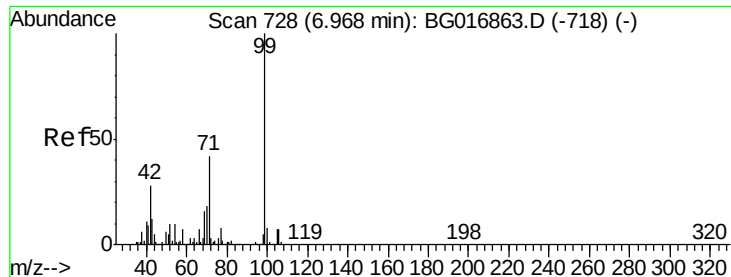


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 104.44 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.01 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

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ClientSampleId :

PB83190BS

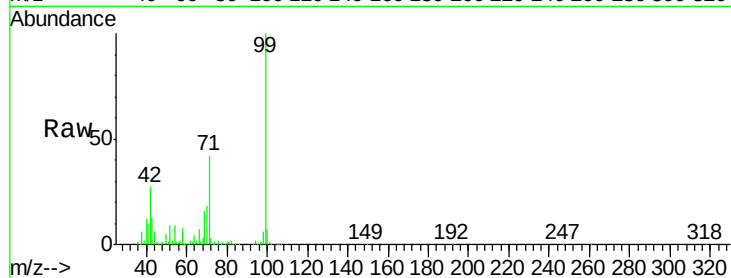
Tgt Ion: 99 Resp: 738350

Ion Ratio Lower Upper

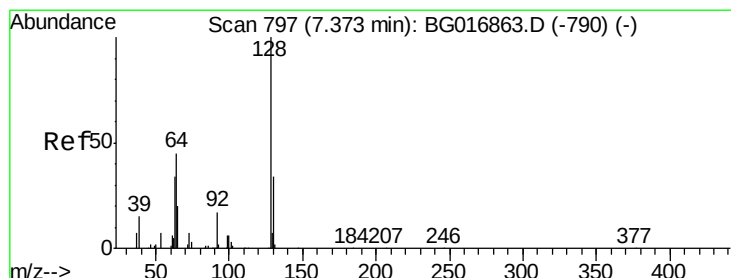
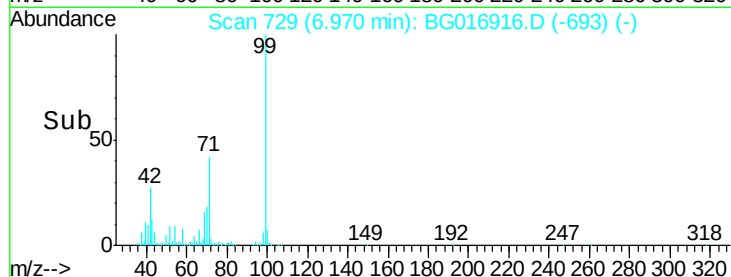
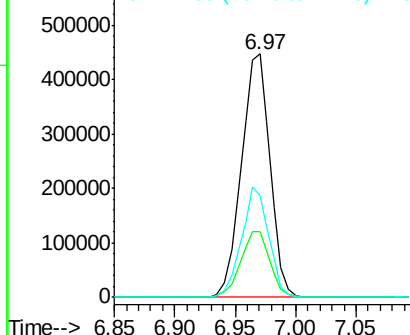
99 100

42 27.1 22.1 33.1

71 41.8 33.4 50.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 32.73 ng

RT: 7.36 min Scan# 796

Delta R.T. 0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

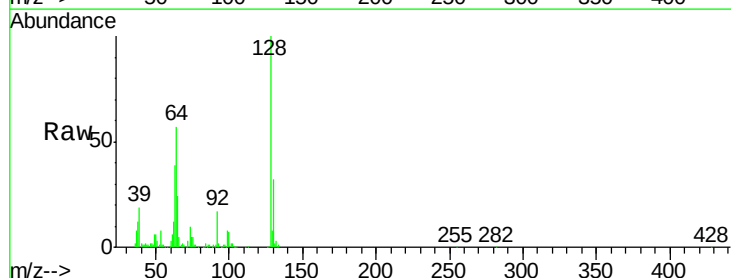
Tgt Ion: 128 Resp: 187605

Ion Ratio Lower Upper

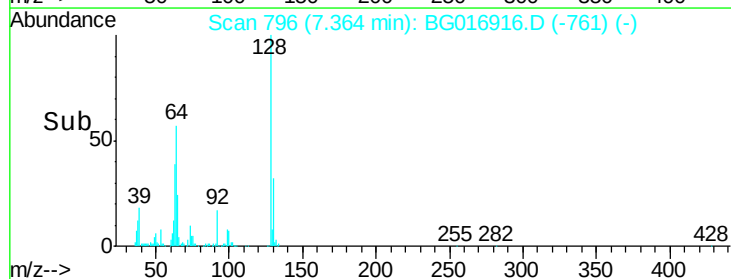
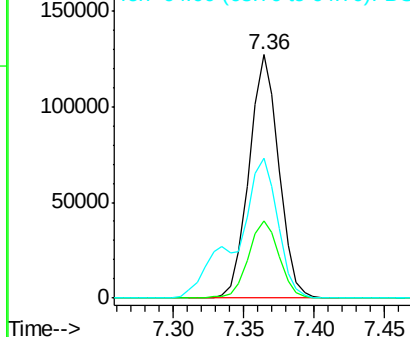
128 100

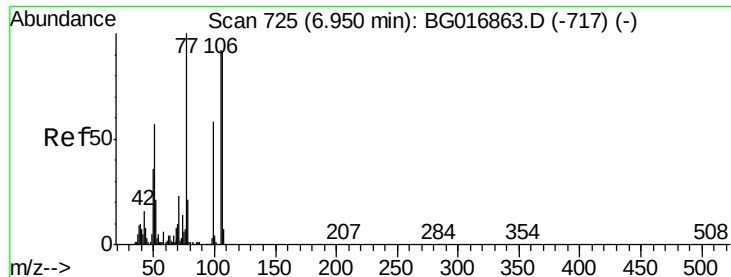
130 31.6 14.4 54.4

64 57.3 38.4 78.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 7.63 ng

RT: 6.94 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

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ClientSampleId :

PB83190BS

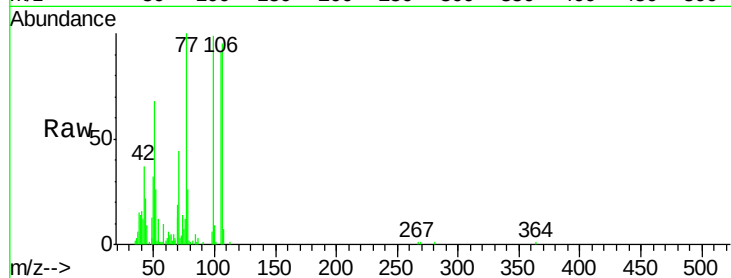
Tgt Ion: 77 Resp: 44858

Ion Ratio Lower Upper

77 100

105 91.3 71.6 111.6

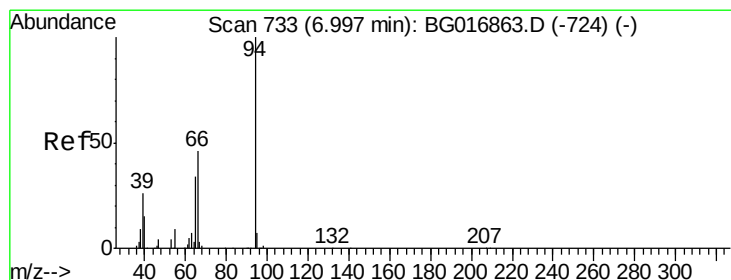
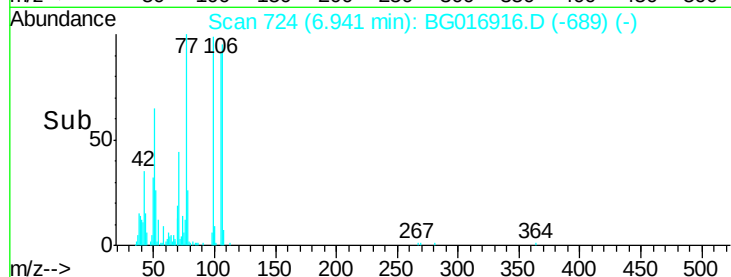
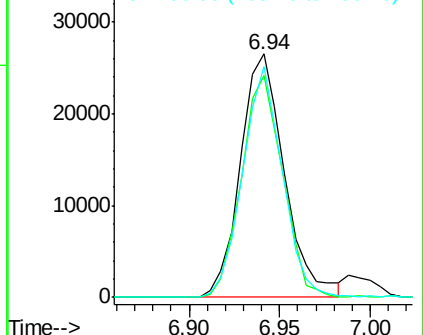
106 94.6 71.5 111.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 33.96 ng

RT: 6.99 min Scan# 733

Delta R.T. 0.01 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

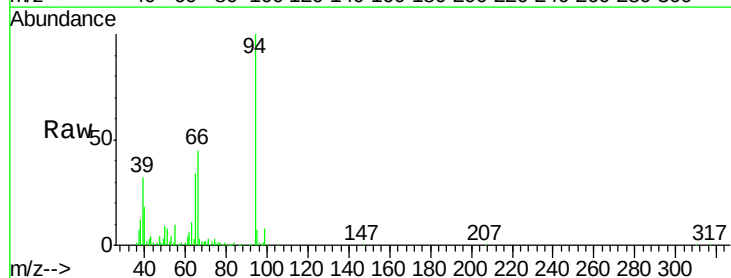
Tgt Ion: 94 Resp: 257473

Ion Ratio Lower Upper

94 100

65 34.5 14.3 54.3

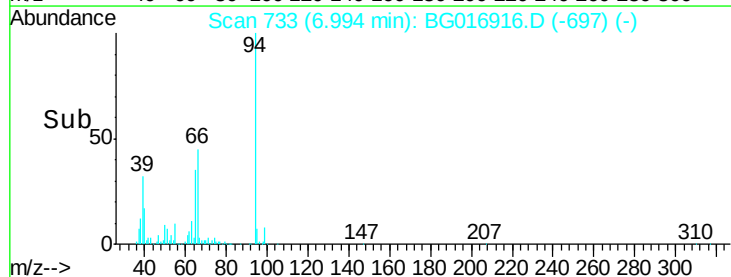
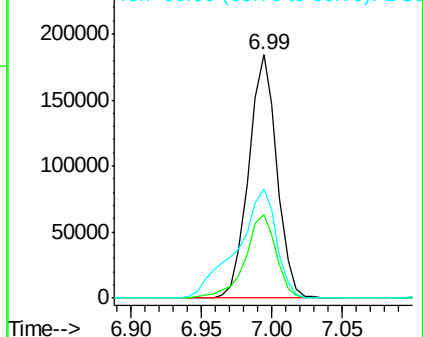
66 44.9 26.9 66.9

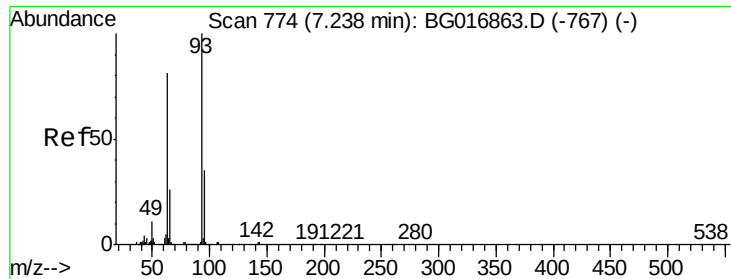


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

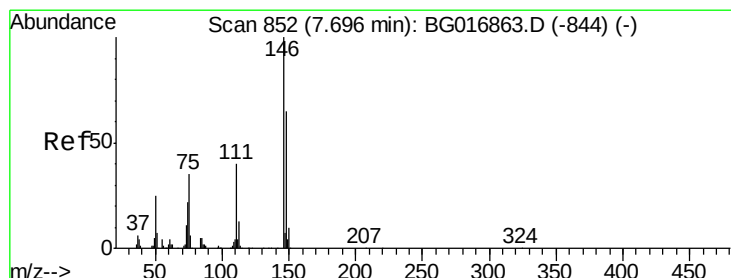
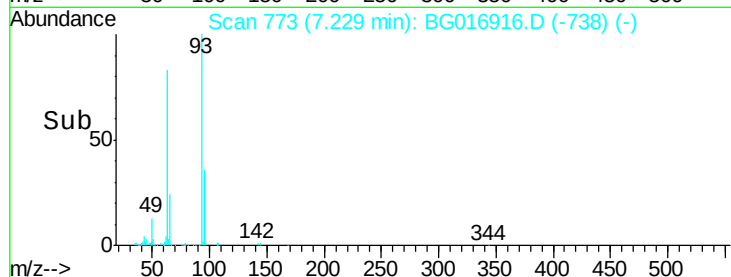
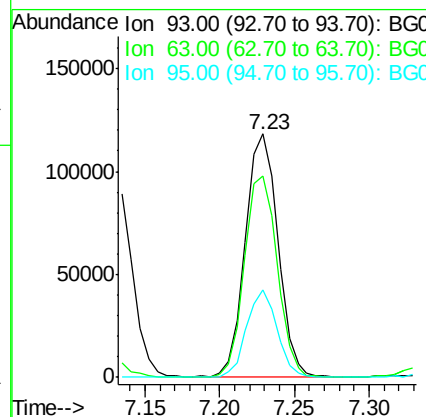
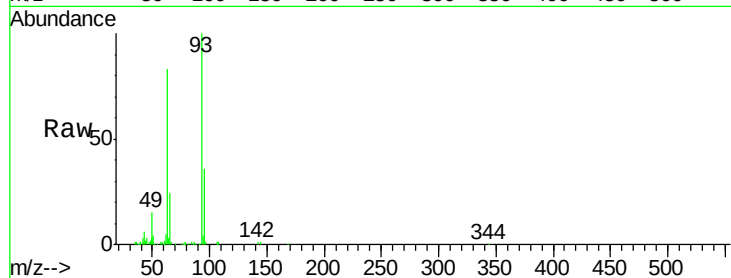




#11
bis(2-Chloroethyl)ether
Concen: 30.41 ng
RT: 7.23 min Scan# 773
Delta R.T. 0.00 min
Lab File: BG016916.D
Acq: 7 May 2015 10:48

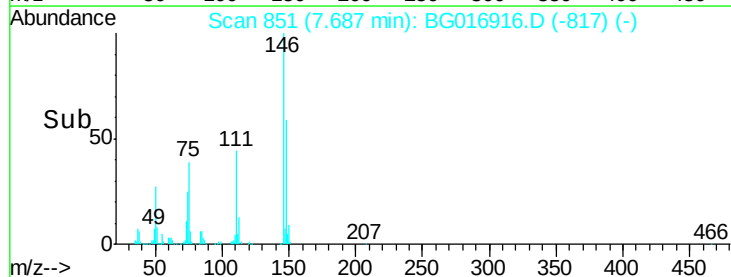
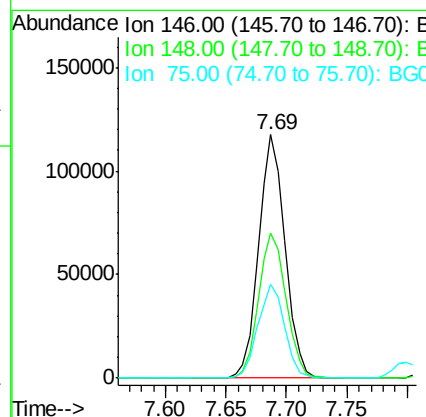
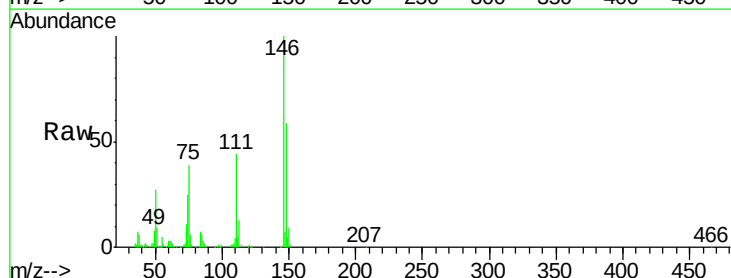
Instrument :
BNA_G
ClientSampleId :
PB83190BS

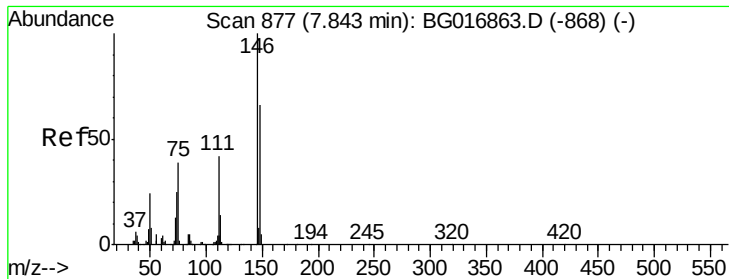
Tgt Ion: 93 Resp: 178249
Ion Ratio Lower Upper
93 100
63 82.7 61.2 101.2
95 35.7 15.0 55.0



#12
1,3-Dichlorobenzene
Concen: 28.26 ng
RT: 7.69 min Scan# 851
Delta R.T. -0.00 min
Lab File: BG016916.D
Acq: 7 May 2015 10:48

Tgt Ion: 146 Resp: 178613
Ion Ratio Lower Upper
146 100
148 59.3 51.9 77.9
75 38.7 28.2 42.2

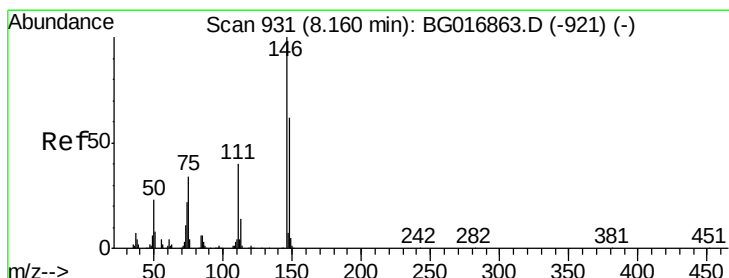
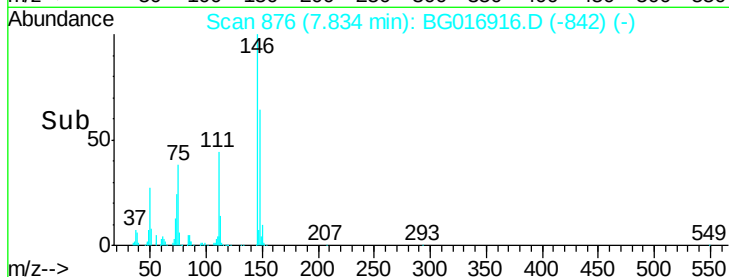
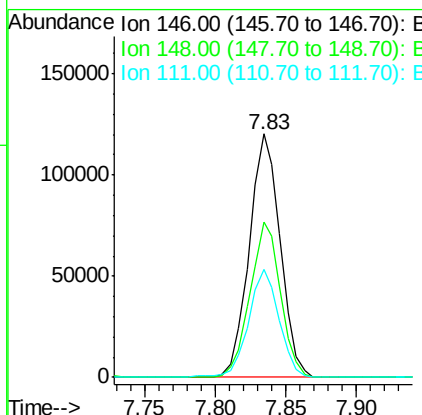
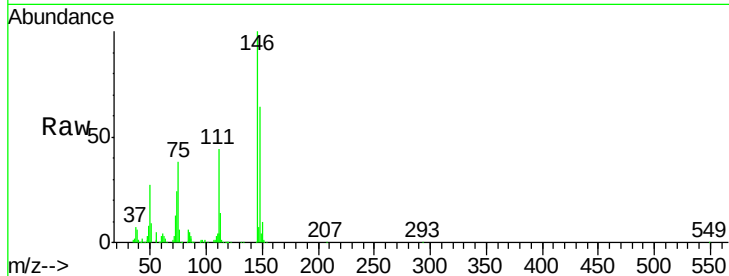




#13
 1,4-Dichlorobenzene
 Concen: 28.85 ng
 RT: 7.83 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG016916.D
 Acq: 7 May 2015 10:48

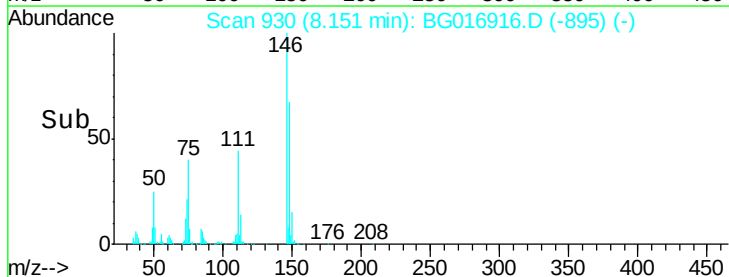
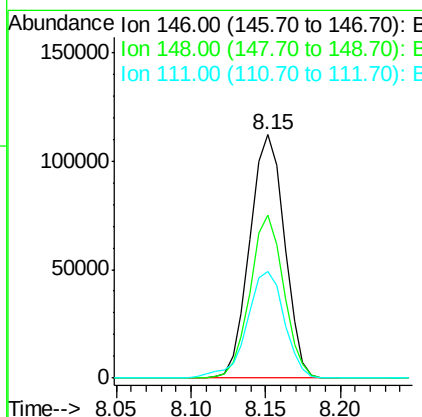
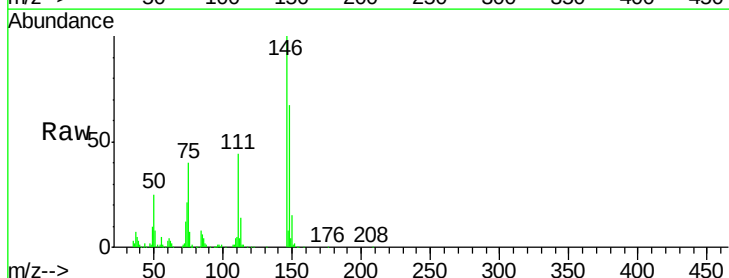
Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

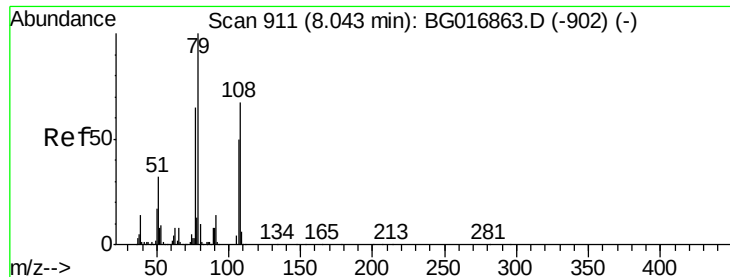
Tgt Ion:146 Resp: 184720
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.8 79.2
 111 44.4 33.9 50.9



#14
 1,2-Dichlorobenzene
 Concen: 29.28 ng
 RT: 8.15 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BG016916.D
 Acq: 7 May 2015 10:48

Tgt Ion:146 Resp: 179899
 Ion Ratio Lower Upper
 146 100
 148 66.9 49.9 74.9
 111 44.0 32.1 48.1





#15

Benzyl Alcohol

Concen: 30.82 ng

RT: 8.03 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

BNA_G

ClientSampleId :

PB83190BS

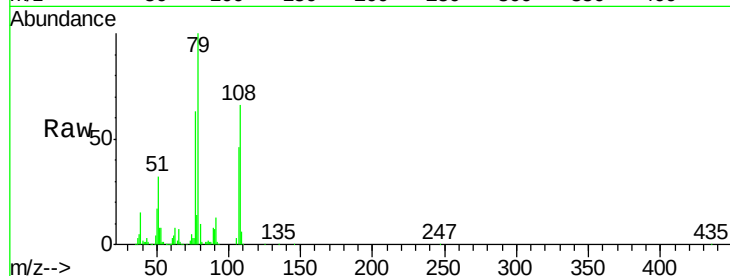
Tgt Ion: 79 Resp: 199010

Ion Ratio Lower Upper

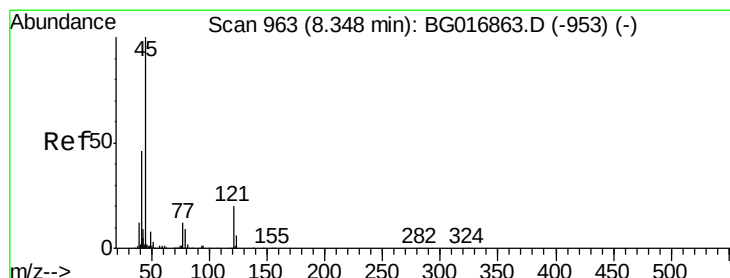
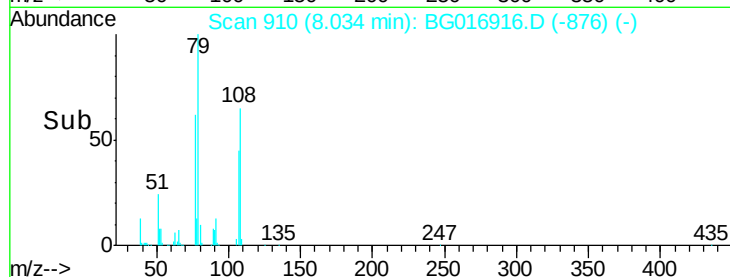
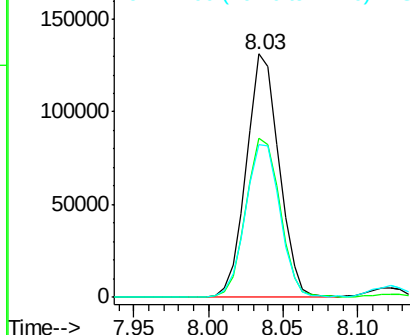
79 100

108 65.5 53.4 80.2

77 62.6 52.2 78.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.24 ng

RT: 8.33 min Scan# 961

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

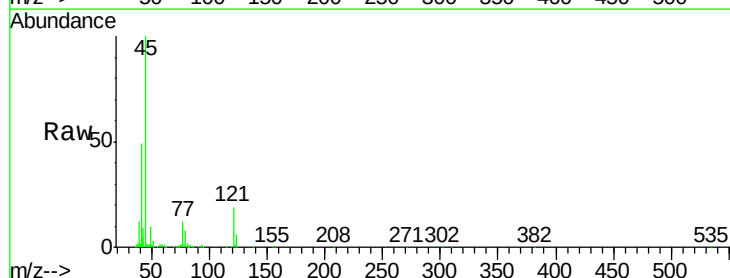
Tgt Ion: 45 Resp: 328096

Ion Ratio Lower Upper

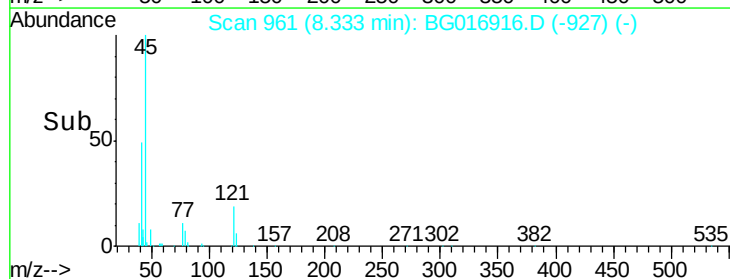
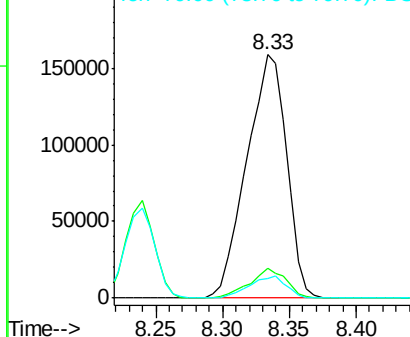
45 100

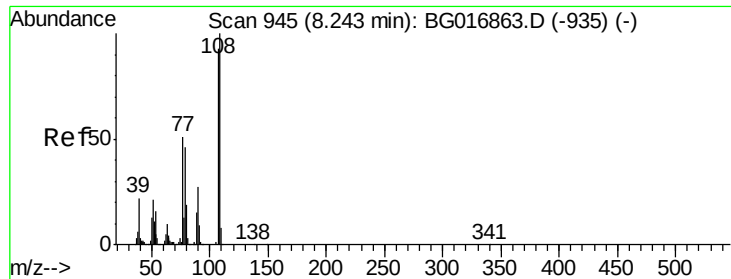
77 12.4 0.0 31.8

79 8.0 0.0 29.1



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





#17

2-Methylphenol

Concen: 32.40 ng

RT: 8.24 min Scan# 945

Delta R.T. 0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

BNA_G

ClientSampleId :

PB83190BS

Tgt Ion:107 Resp: 172943

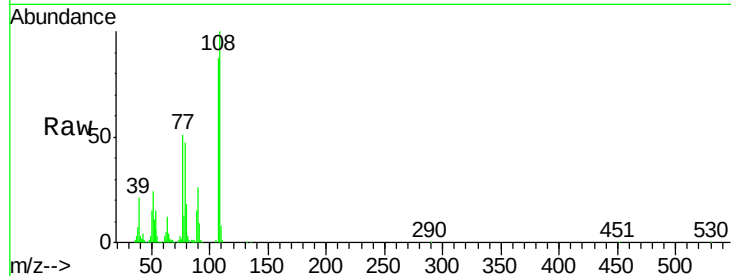
Ion Ratio Lower Upper

107 100

108 115.0 85.9 128.9

77 58.5 43.8 65.6

79 53.8 39.8 59.6



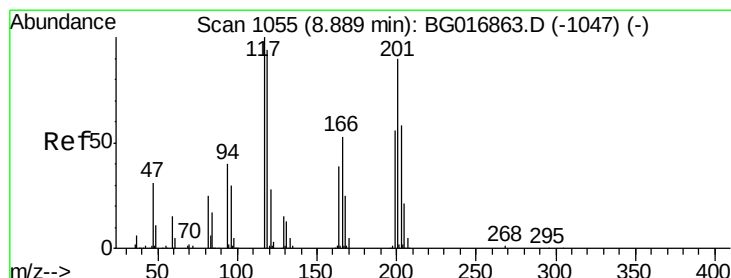
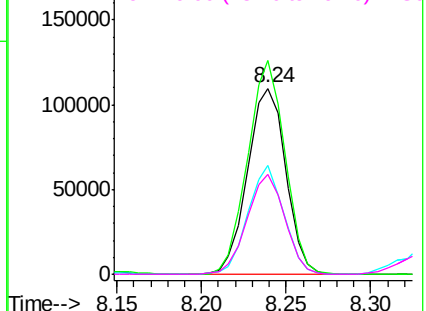
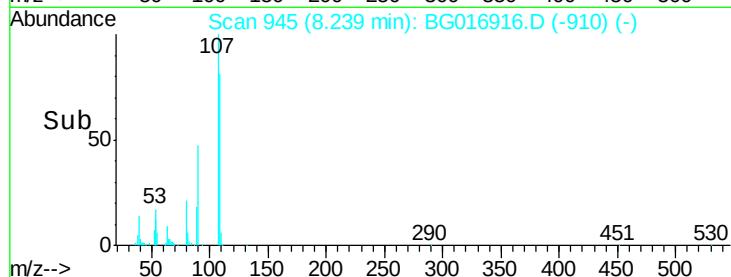
Abundance

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: 28.81 ng

RT: 8.88 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

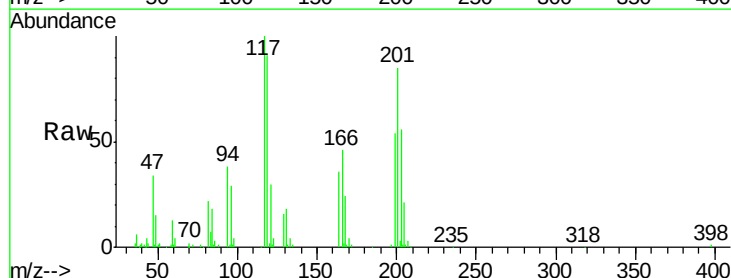
Tgt Ion:117 Resp: 75825

Ion Ratio Lower Upper

117 100

119 91.4 74.8 112.2

201 85.2 72.1 108.1

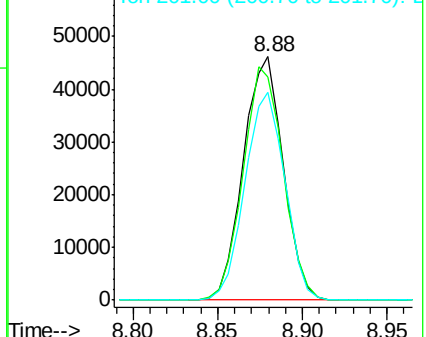
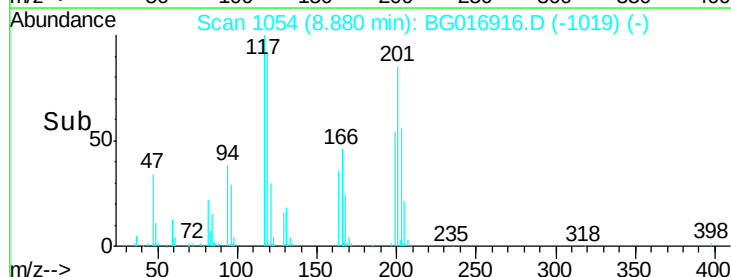


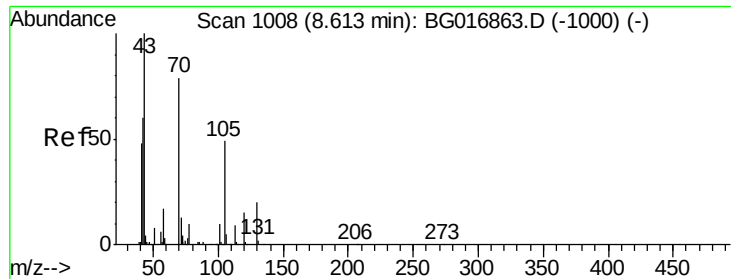
Abundance

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

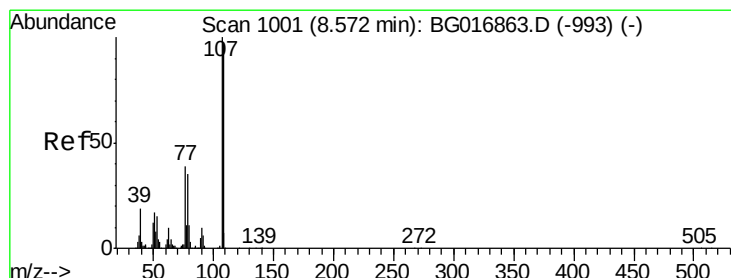
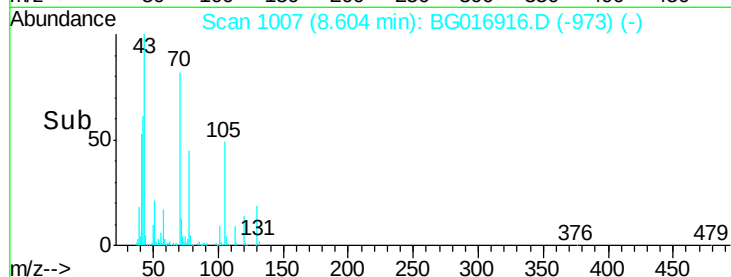
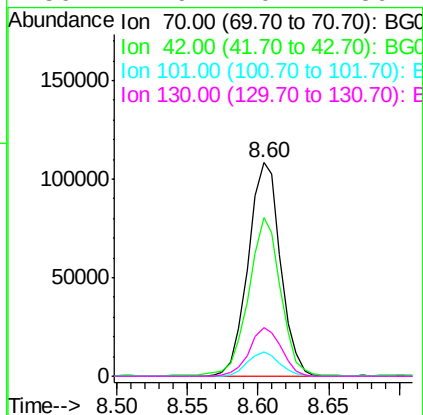
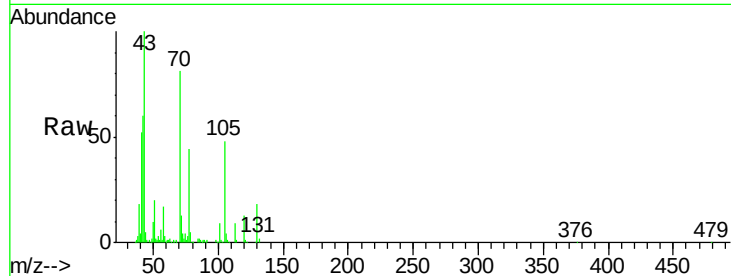




#19
n-Nitroso-di-n-propylamine
Concen: 28.12 ng
RT: 8.60 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG016916.D
Acq: 7 May 2015 10:48

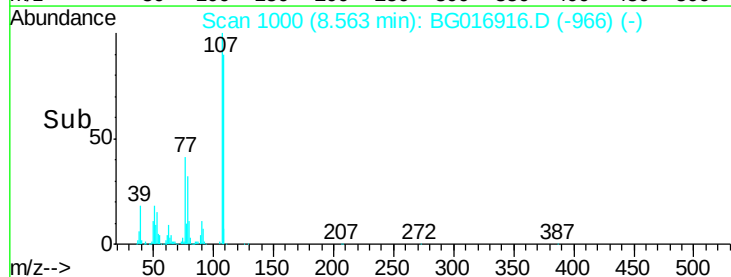
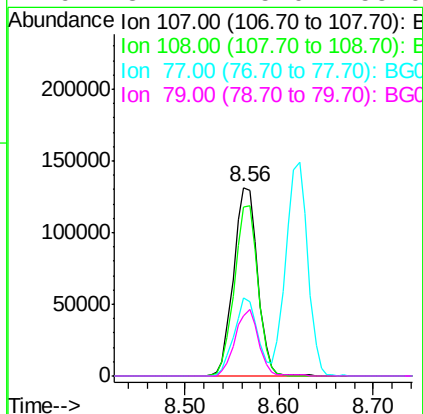
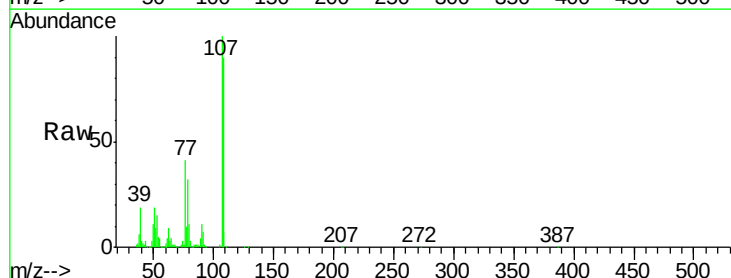
Instrument :
BNA_G
ClientSampleId :
PB83190BS

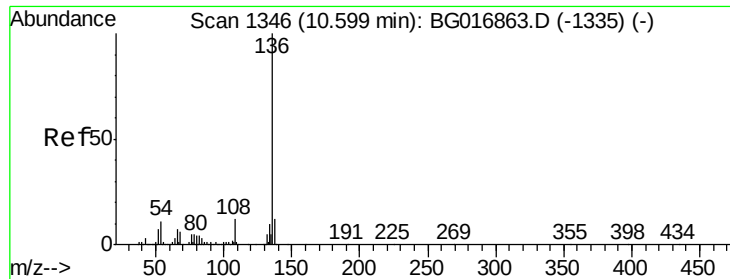
Tgt Ion:	70	Resp:	174296
Ion	Ratio	Lower	Upper
70	100		
42	74.6	61.5	92.3
101	11.3	9.8	14.6
130	22.9	20.2	30.4



#20
3+4-Methylphenols
Concen: 31.71 ng
RT: 8.56 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG016916.D
Acq: 7 May 2015 10:48

Tgt Ion:	107	Resp:	233284
Ion	Ratio	Lower	Upper
107	100		
108	89.6	76.6	116.6
77	41.3	19.0	59.0
79	32.1	15.0	55.0

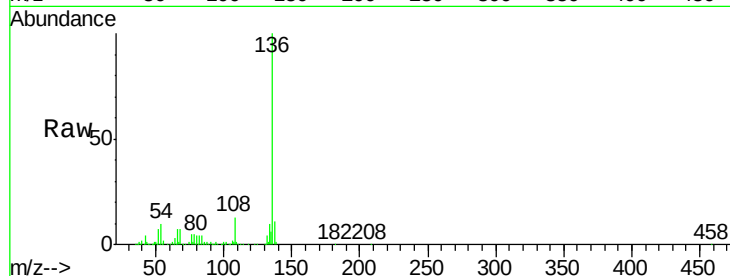




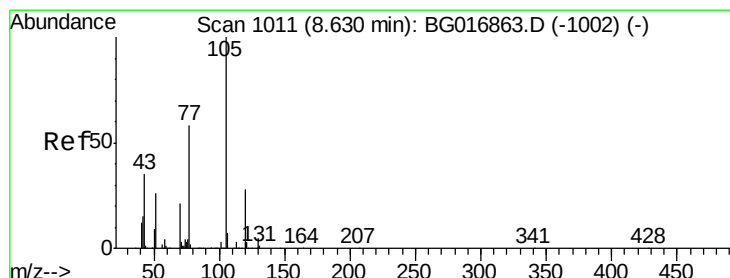
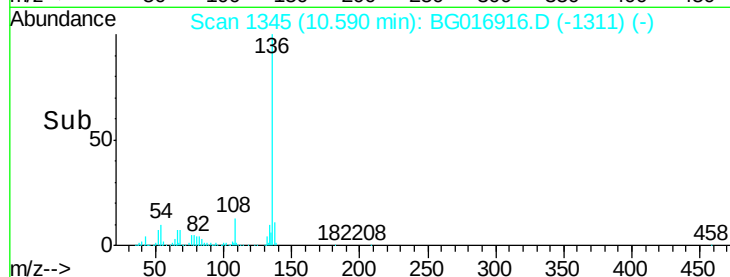
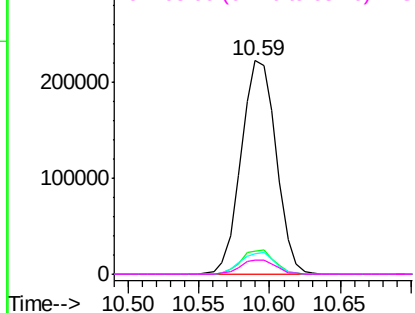
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG016916.D
Acq: 7 May 2015 10:48

Instrument :
BNA_G
ClientSampleId :
PB83190BS

Tgt Ion:	136	Resp:	386679
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.8
54	9.8	8.7	13.1
68	6.7	5.0	7.4

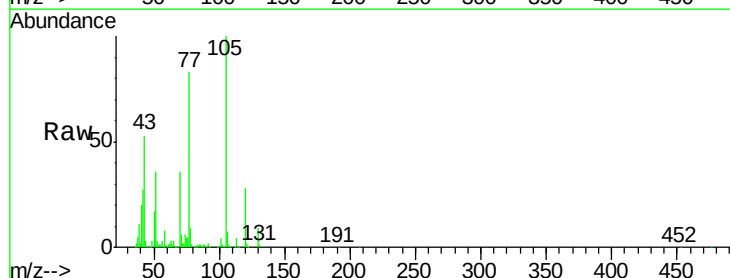


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

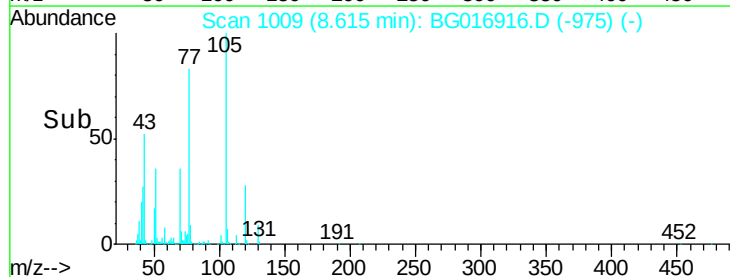
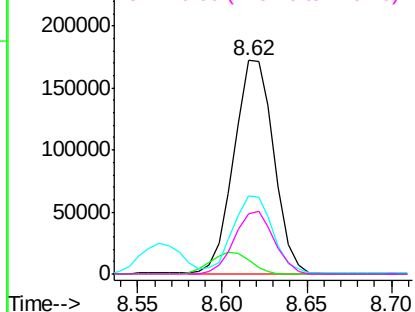


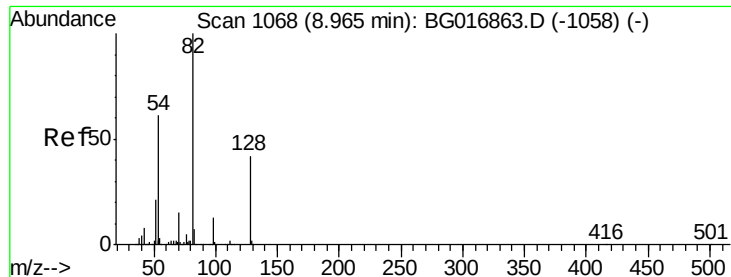
#22
Acetophenone
Concen: 30.70 ng
RT: 8.62 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG016916.D
Acq: 7 May 2015 10:48

Tgt Ion:	105	Resp:	282757
Ion	Ratio	Lower	Upper
105	100		
71	6.5	2.8	4.2#
51	36.5	29.4	44.2
120	27.9	22.2	33.4



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

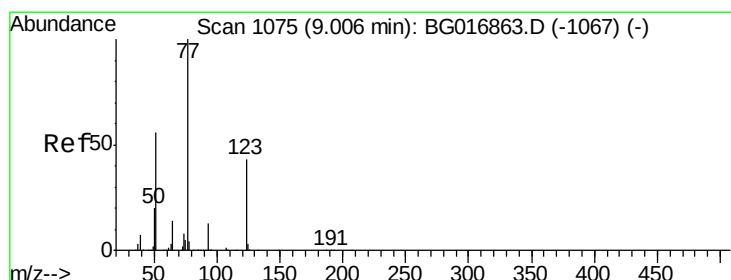
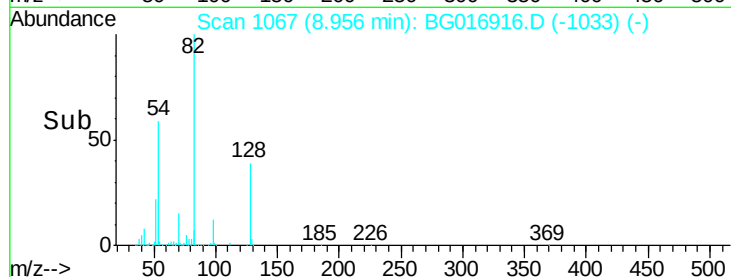
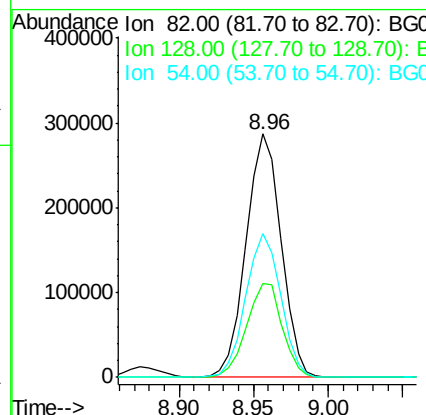
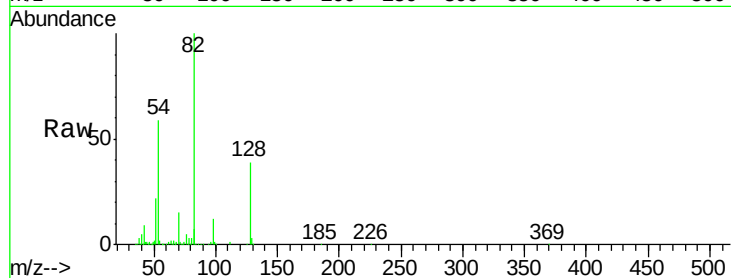




#23
 Nitrobenzene-d5
 Concen: 58.71 ng
 RT: 8.96 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BG016916.D
 Acq: 7 May 2015 10:48

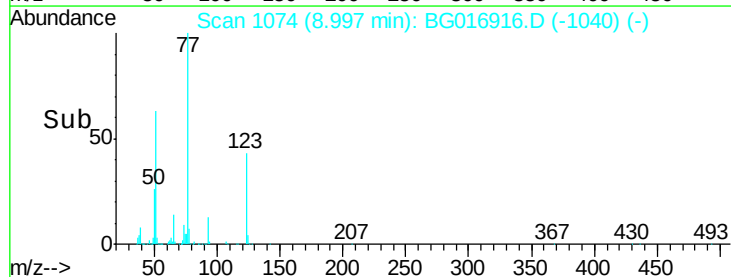
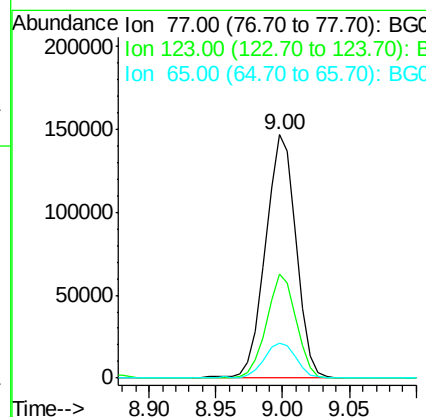
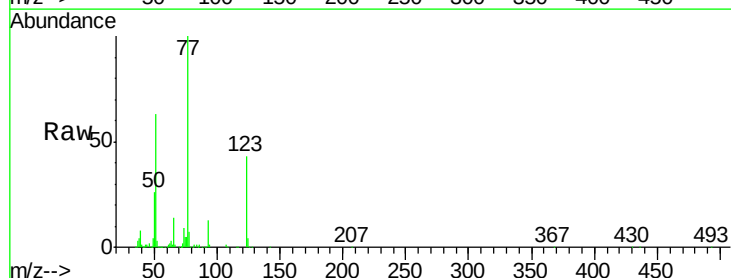
Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

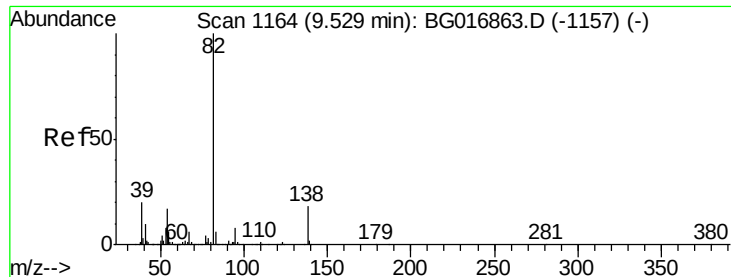
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.8	33.2	49.8
54	59.2	48.6	72.8



#24
 Nitrobenzene
 Concen: 29.05 ng
 RT: 9.00 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: BG016916.D
 Acq: 7 May 2015 10:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.5	34.0	51.0
65	14.2	11.2	16.8





#25

Isophorone

Concen: 27.92 ng

RT: 9.52 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

BNA_G

ClientSampleId :

PB83190BS

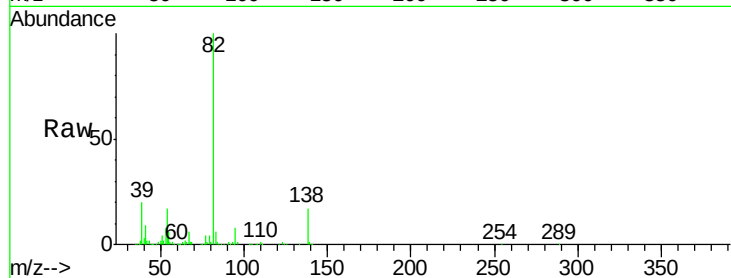
Tgt Ion: 82 Resp: 446276

Ion Ratio Lower Upper

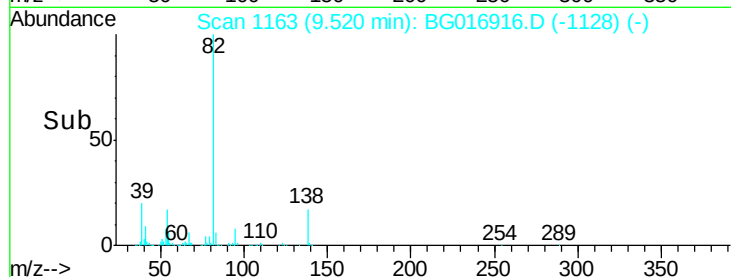
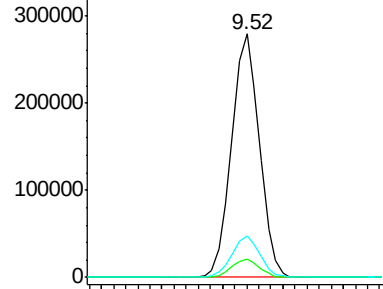
82 100

95 7.5 6.7 10.1

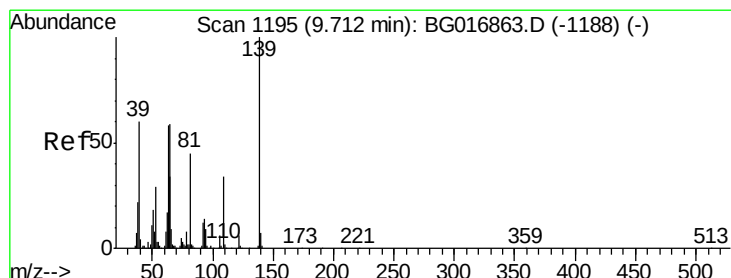
138 16.8 14.7 22.1



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: 31.71 ng

RT: 9.71 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

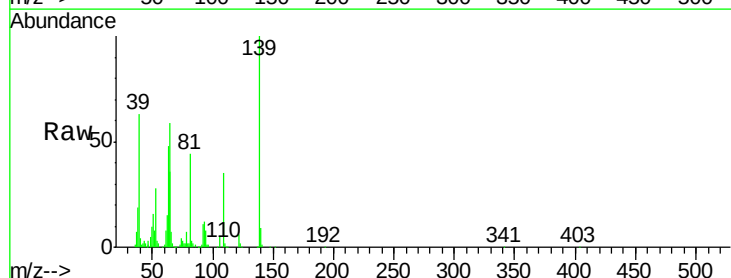
Tgt Ion: 139 Resp: 103188

Ion Ratio Lower Upper

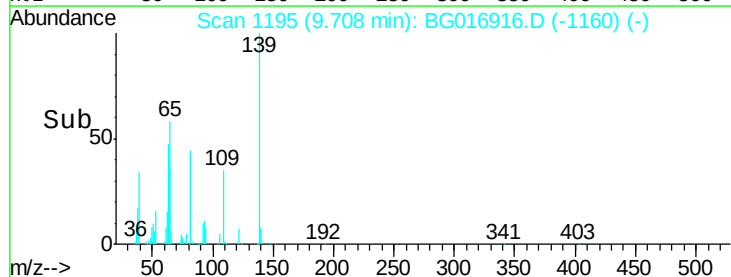
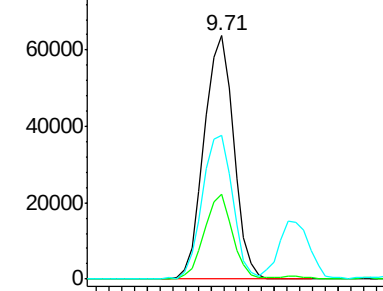
139 100

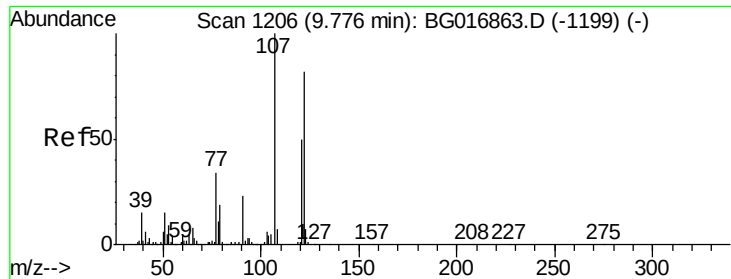
109 35.0 27.4 41.2

65 59.0 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

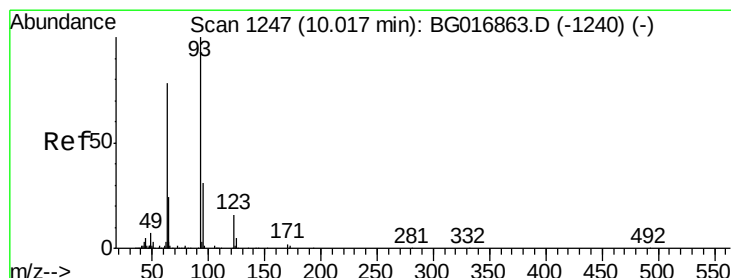
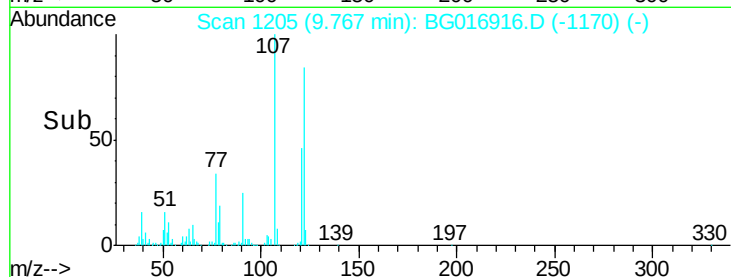
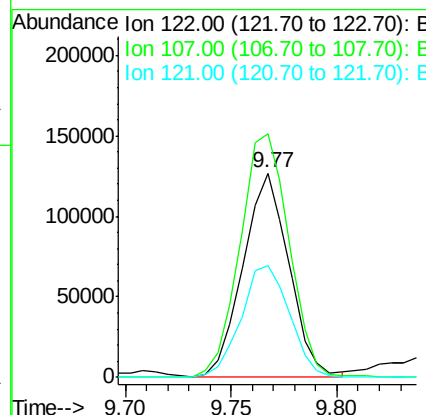
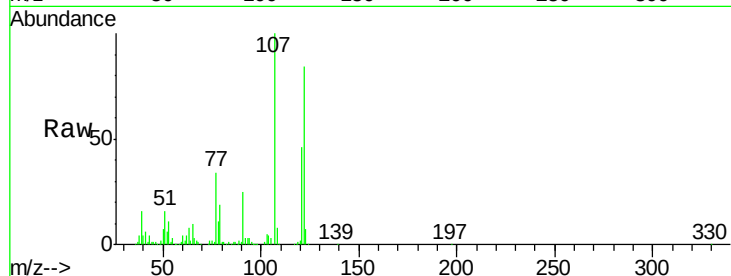




#27
 2,4-Dimethylphenol
 Concen: 32.30 ng
 RT: 9.77 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BG016916.D
 Acq: 7 May 2015 10:48

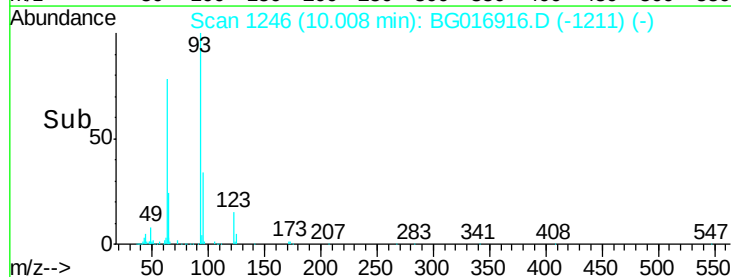
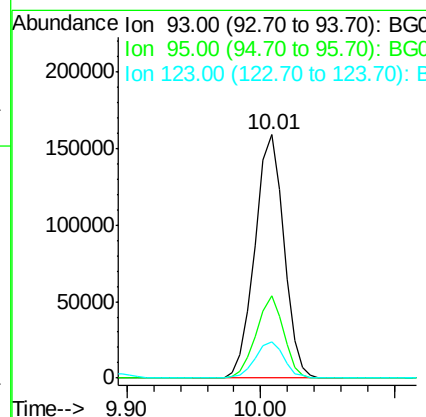
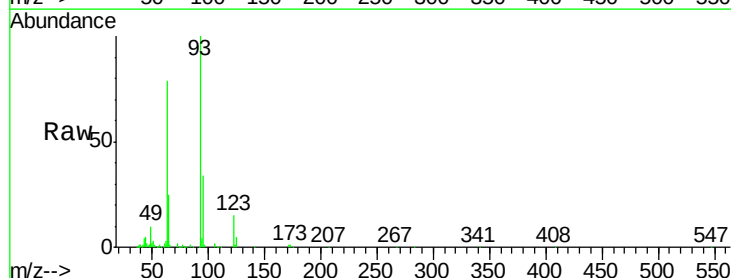
Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

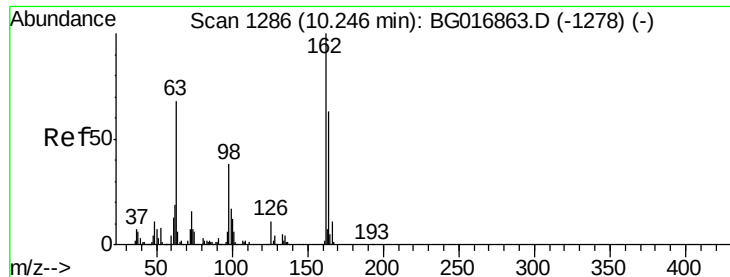
Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.4	97.6	146.4
121	54.8	48.4	72.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 29.48 ng
 RT: 10.01 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BG016916.D
 Acq: 7 May 2015 10:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	24.8	37.2
123	14.9	12.6	19.0





#29

2,4-Dichlorophenol

Concen: 32.27 ng

RT: 10.24 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

BNA_G

ClientSampleId :

PB83190BS

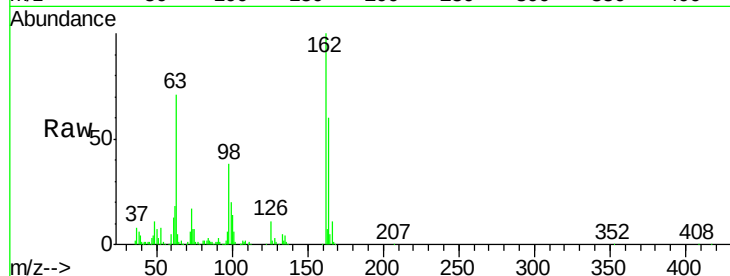
Tgt Ion:162 Resp: 179576

Ion Ratio Lower Upper

162 100

164 59.7 42.9 82.9

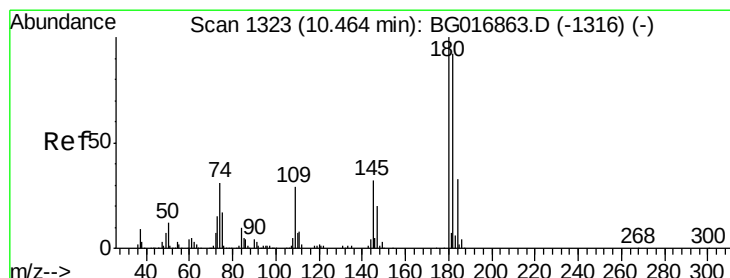
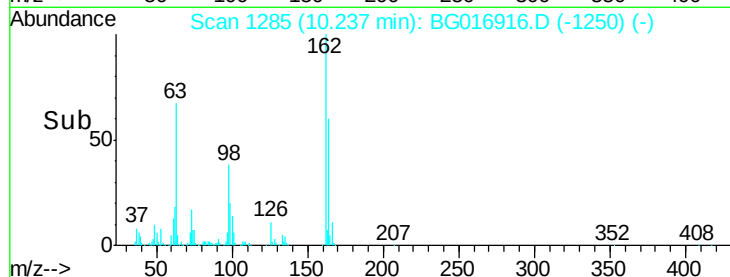
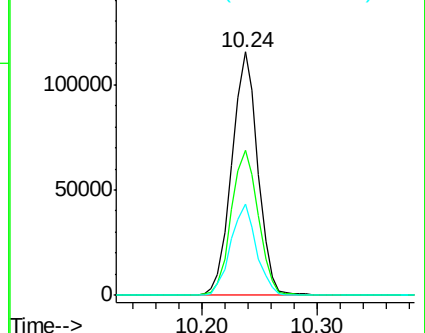
98 37.5 18.4 58.4



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): E



#30

1,2,4-Trichlorobenzene

Concen: 28.83 ng

RT: 10.45 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

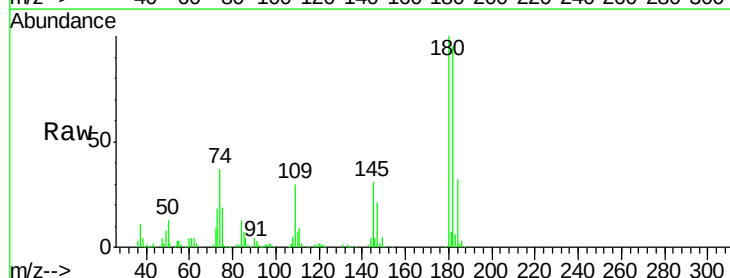
Tgt Ion:180 Resp: 170123

Ion Ratio Lower Upper

180 100

182 94.6 73.8 110.8

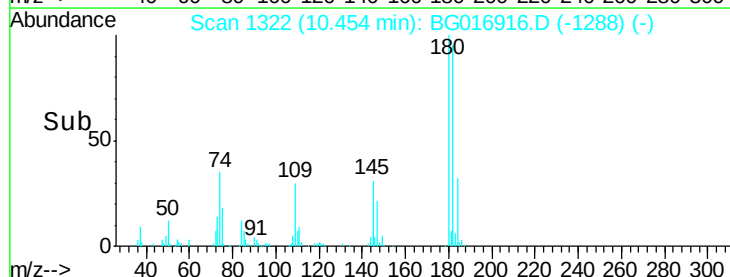
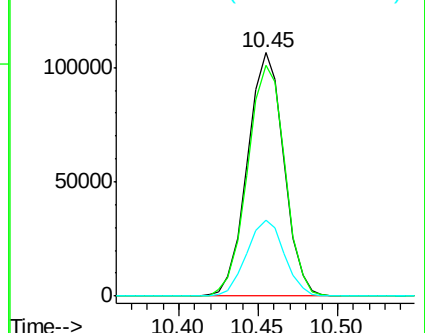
145 31.2 25.4 38.0

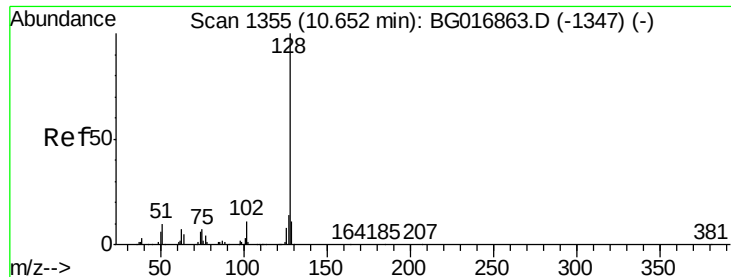


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

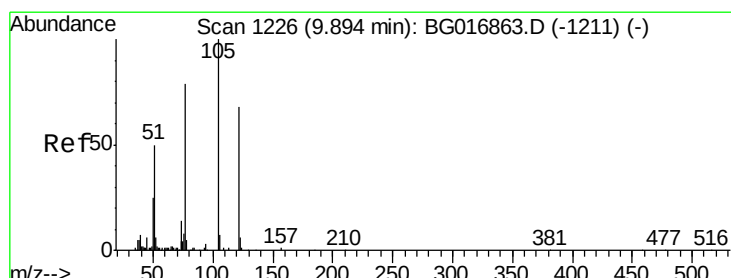
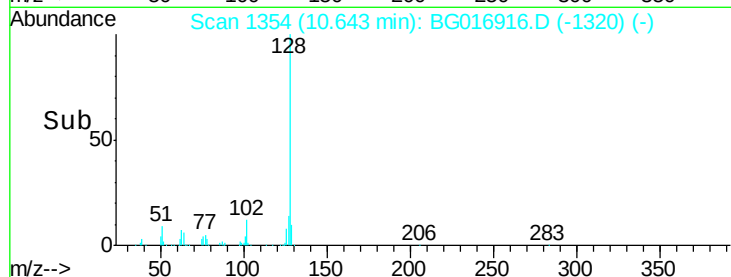
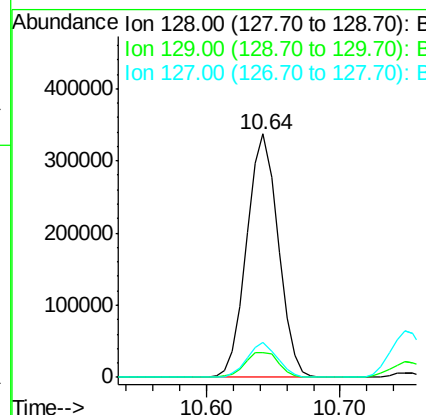
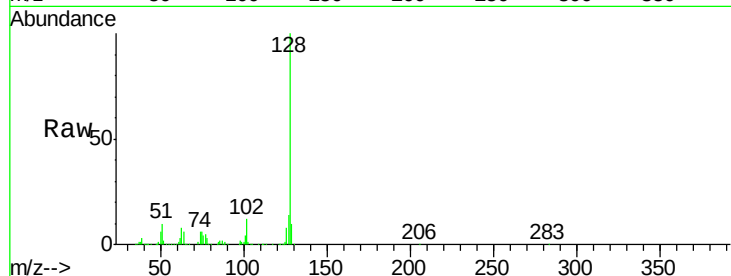




#31
Naphthalene
Concen: 28.47 ng
RT: 10.64 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG016916.D
Acq: 7 May 2015 10:48

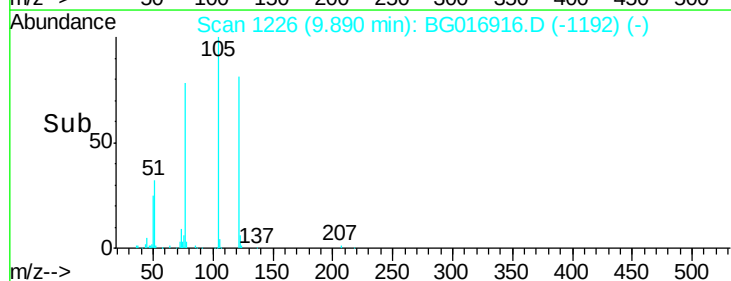
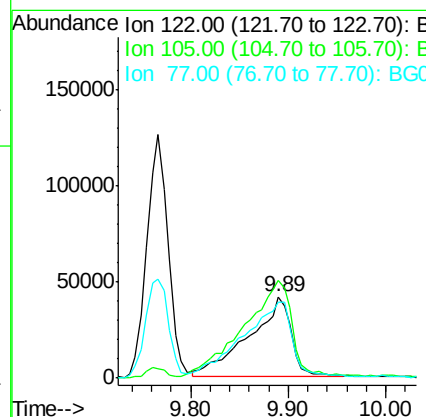
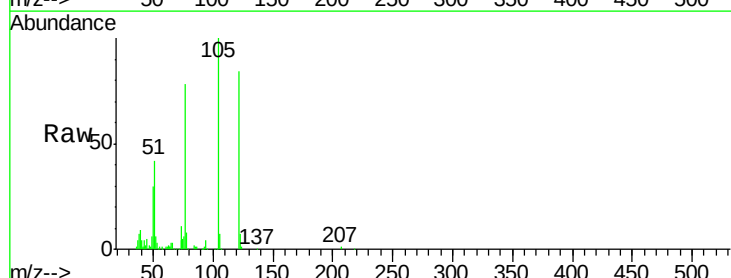
Instrument :
BNA_G
ClientSampleId :
PB83190BS

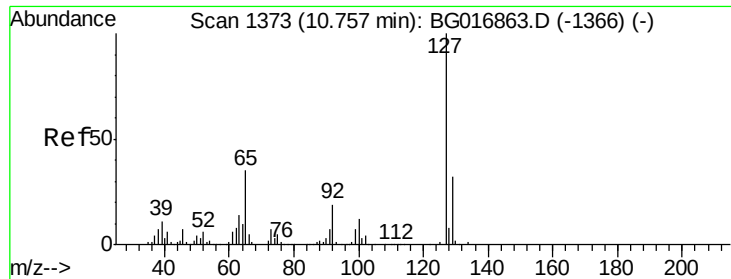
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.1	13.7
127	14.4	10.9	16.3



#32
Benzoic acid
Concen: 37.80 ng
RT: 9.89 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BG016916.D
Acq: 7 May 2015 10:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.5	123.2	163.2#
77	93.6	93.0	133.0

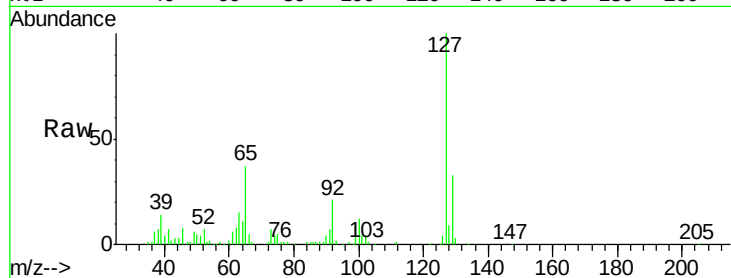




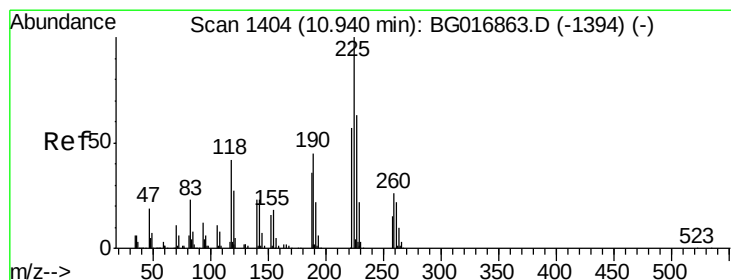
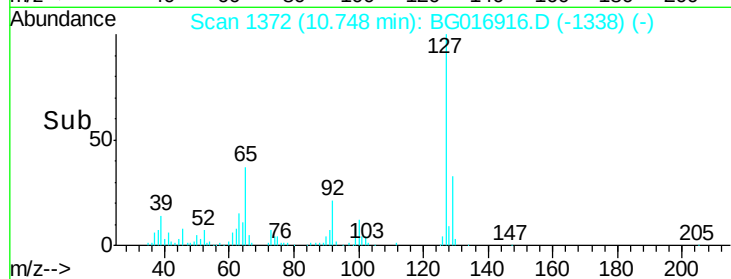
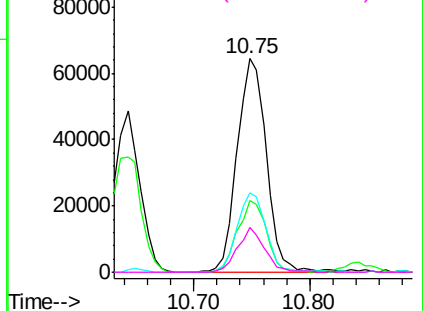
#33
4-Chloroaniline
Concen: 12.79 ng
RT: 10.75 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG016916.D
Acq: 7 May 2015 10:48

Instrument :
BNA_G
ClientSampleId :
PB83190BS

Tgt Ion:	127	Resp:	113633
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.8	38.6
65	37.4	28.2	42.2
92	21.3	15.6	23.4

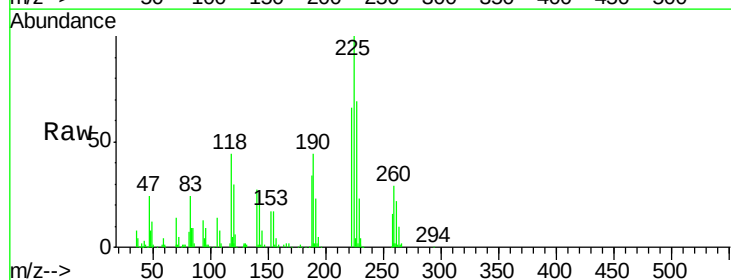


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

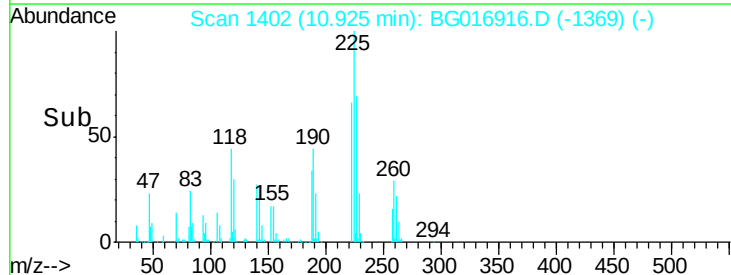
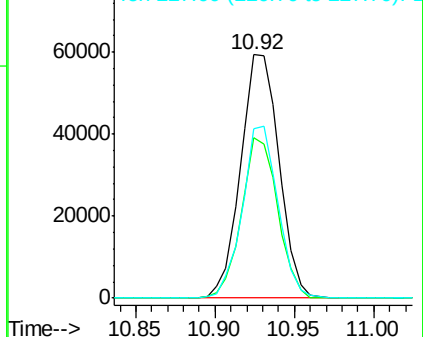


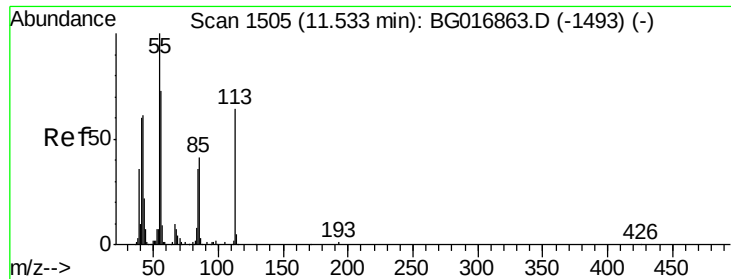
#34
Hexachlorobutadiene
Concen: 27.03 ng
RT: 10.92 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BG016916.D
Acq: 7 May 2015 10:48

Tgt Ion:	225	Resp:	99813
Ion	Ratio	Lower	Upper
225	100		
223	65.7	45.8	68.6
227	71.6	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

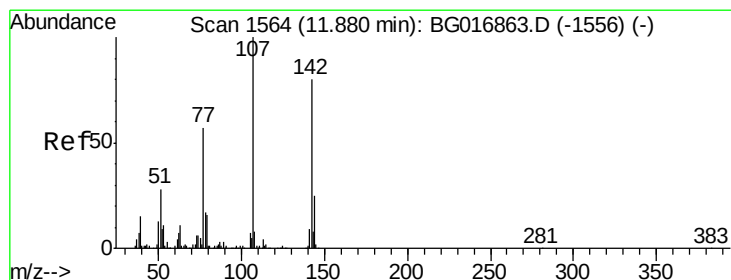
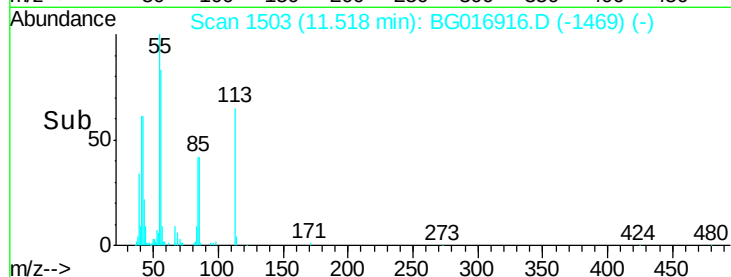
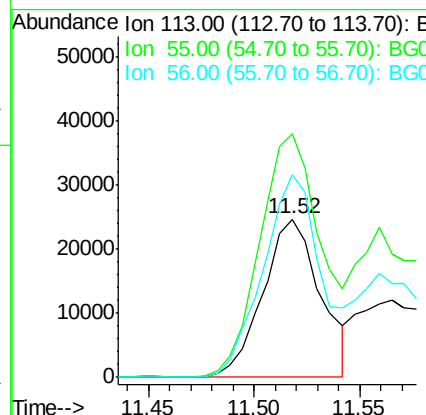
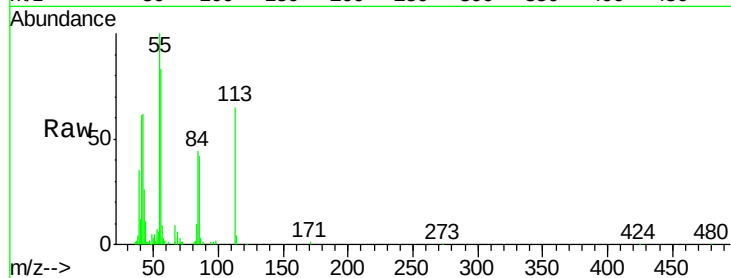




#35
 Caprolactam
 Concen: 16.17 ng
 RT: 11.52 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BG016916.D
 Acq: 7 May 2015 10:48

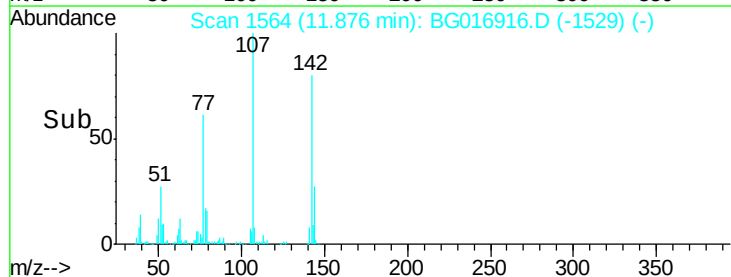
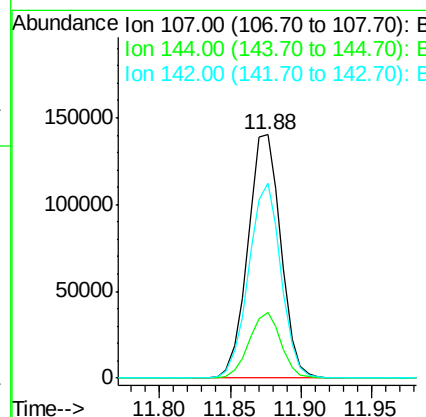
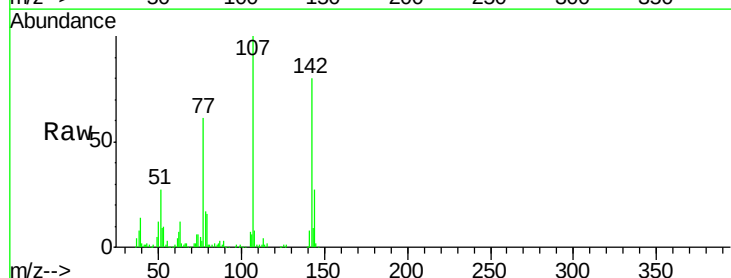
Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

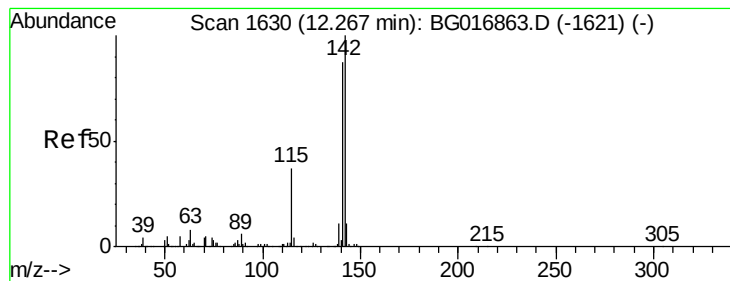
Tgt Ion:113 Resp: 46755
 Ion Ratio Lower Upper
 113 100
 55 153.9 137.1 177.1
 56 128.4 94.3 134.3



#36
 4-Chloro-3-methylphenol
 Concen: 32.22 ng
 RT: 11.88 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BG016916.D
 Acq: 7 May 2015 10:48

Tgt Ion:107 Resp: 229591
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.2 30.2
 142 80.1 64.2 96.2





#37

2-Methylnaphthalene

Concen: 28.81 ng

RT: 12.25 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

BNA_G

ClientSampleId :

PB83190BS

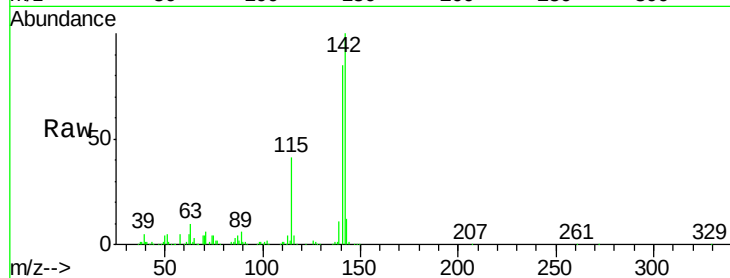
Tgt Ion:142 Resp: 422063

Ion Ratio Lower Upper

142 100

141 85.3 69.9 104.9

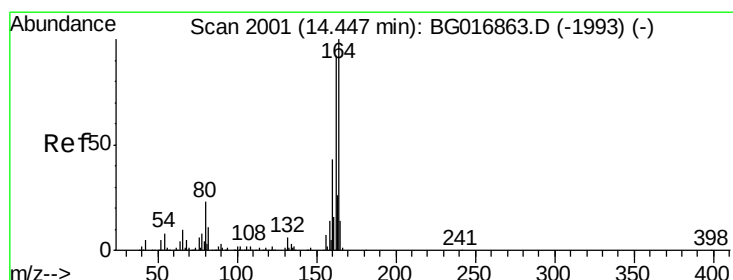
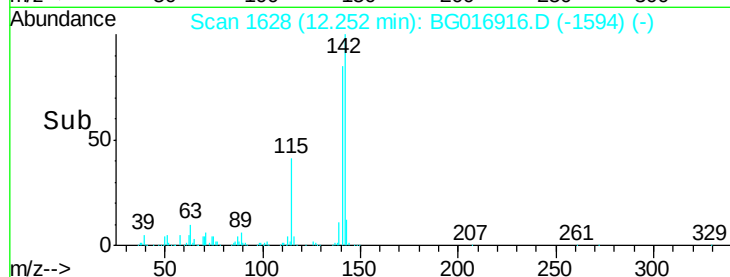
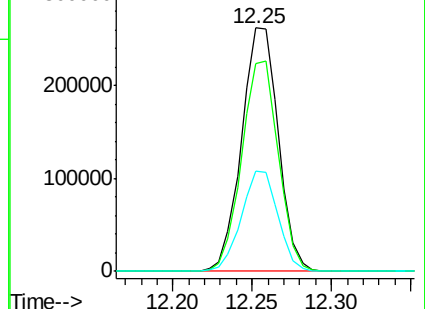
115 41.0 29.8 44.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.44 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

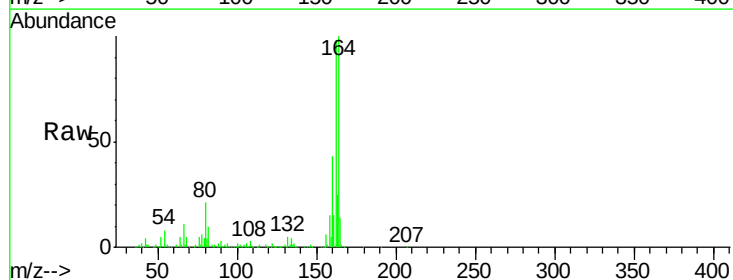
Tgt Ion:164 Resp: 249696

Ion Ratio Lower Upper

164 100

162 97.6 74.0 111.0

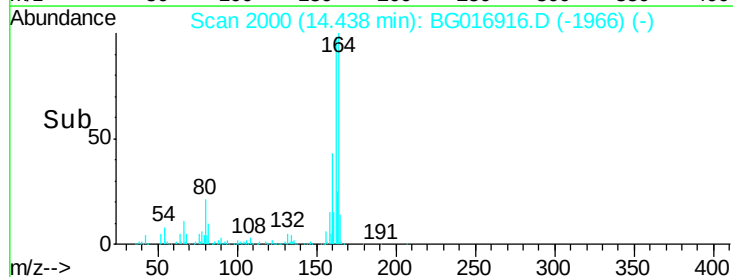
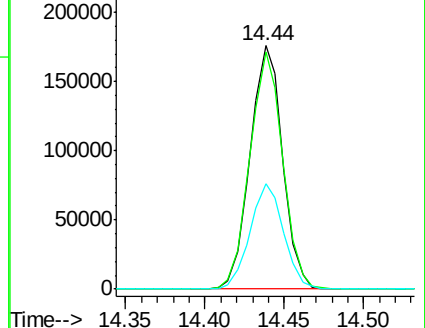
160 43.1 34.7 52.1

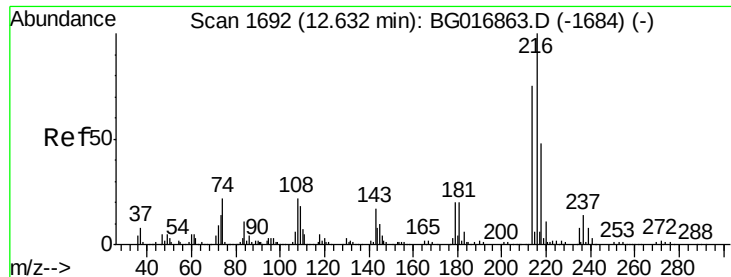


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

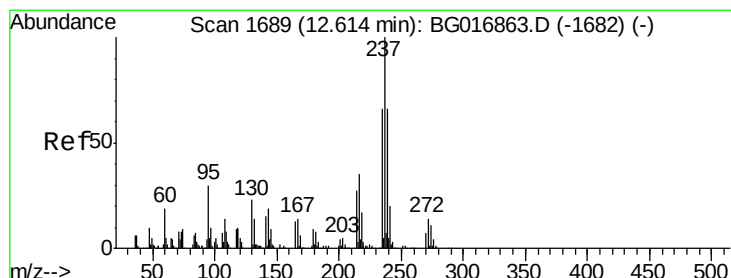
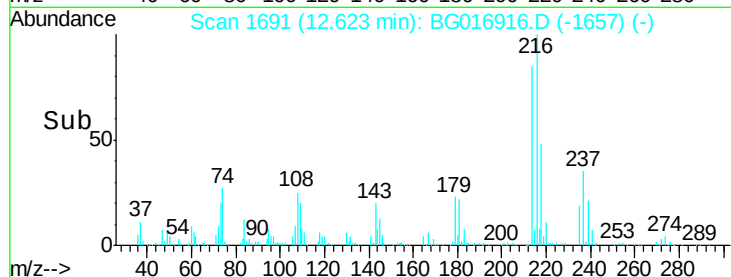
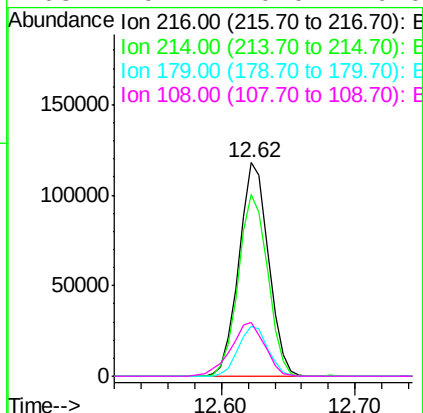
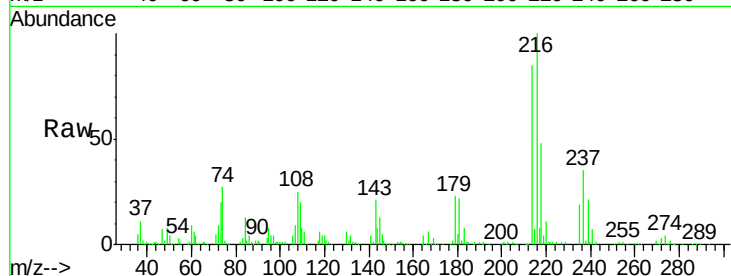




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.70 ng
 RT: 12.62 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG016916.D
 Acq: 7 May 2015 10:48

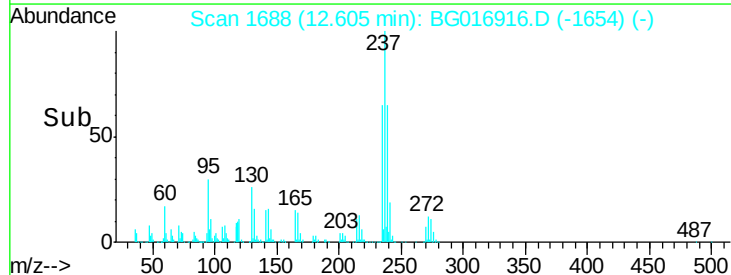
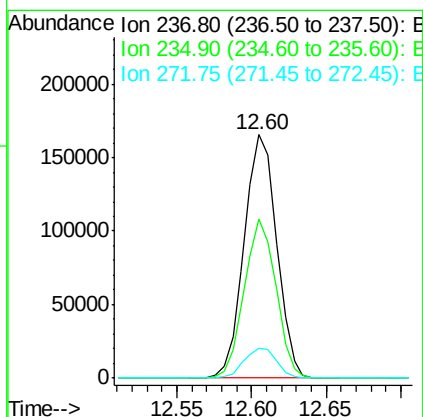
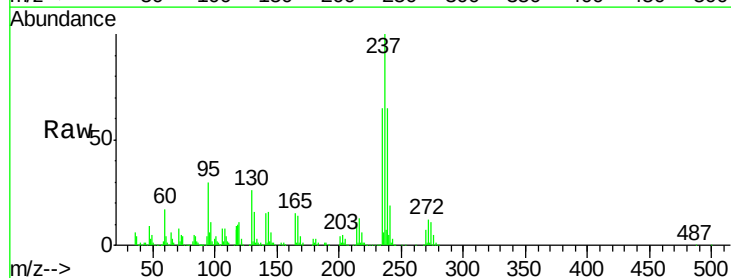
Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

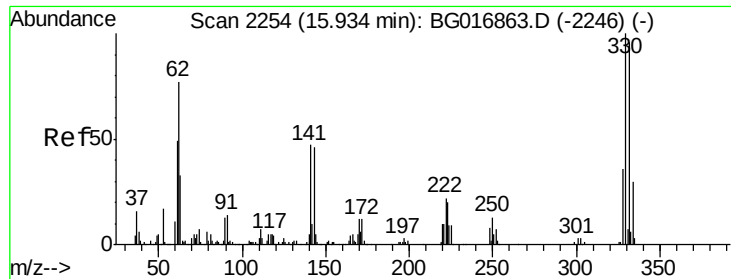
Tgt Ion:	216	Resp:	180210
Ion	Ratio	Lower	Upper
216	100		
214	84.3	0.0	0.0#
179	23.4	0.0	0.0#
108	29.1	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 57.11 ng
 RT: 12.60 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BG016916.D
 Acq: 7 May 2015 10:48

Tgt Ion:	237	Resp:	248943
Ion	Ratio	Lower	Upper
237	100		
235	65.2	45.5	85.5
272	12.1	0.0	33.7





#41

2,4,6-Tribromophenol

Concen: 101.79 ng

RT: 15.93 min Scan# 2254

Delta R.T. 0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

BNA_G

ClientSampleId :

PB83190BS

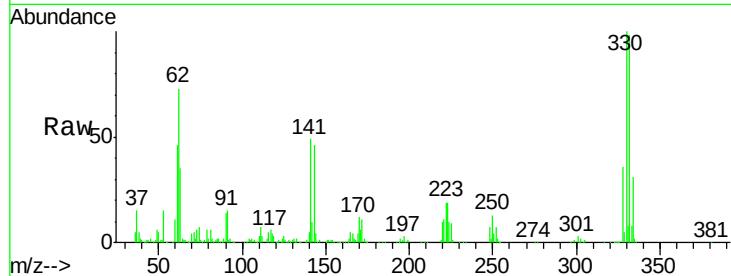
Tgt Ion:330 Resp: 255153

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

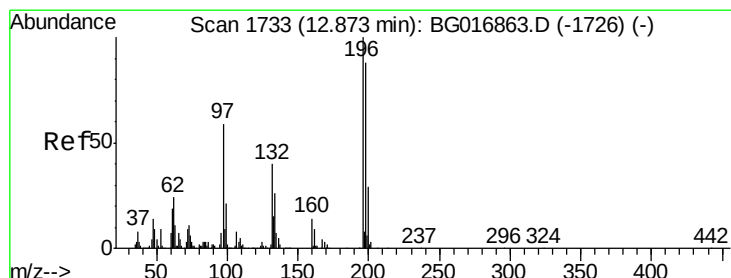
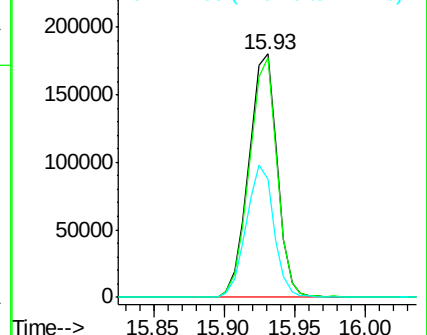
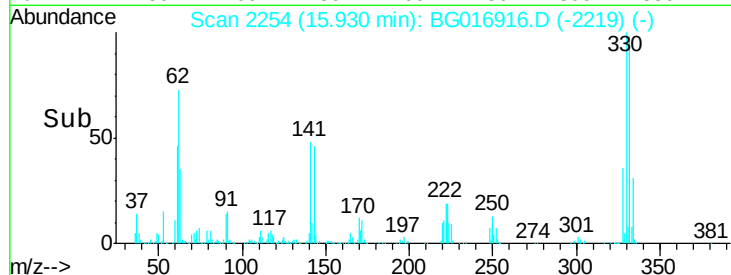
141 53.0 0.0 0.0#



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: 28.89 ng

RT: 12.86 min Scan# 1732

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

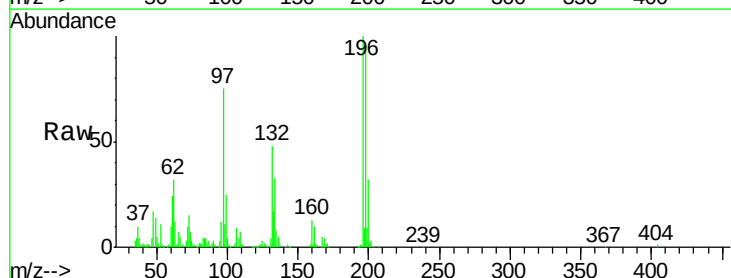
Tgt Ion:196 Resp: 138200

Ion Ratio Lower Upper

196 100

198 95.8 70.7 106.1

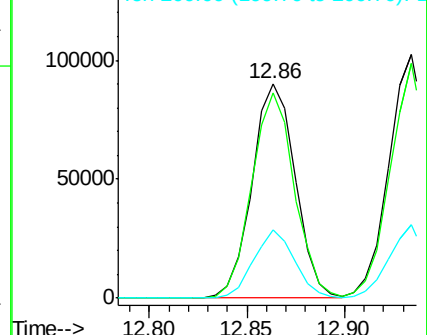
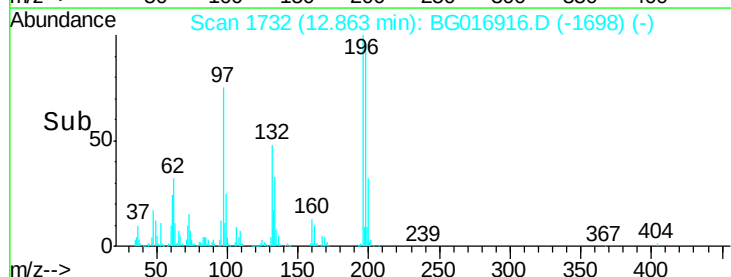
200 31.7 23.0 34.4

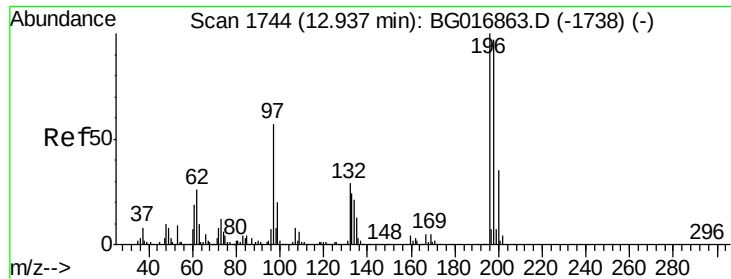


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

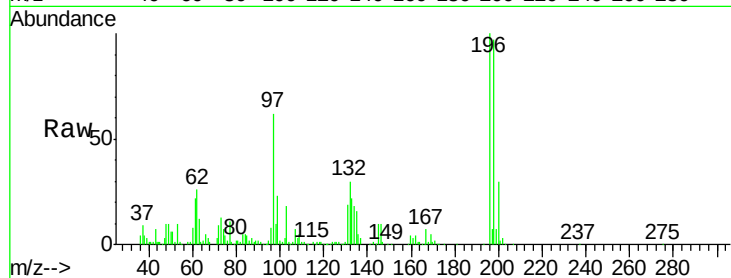




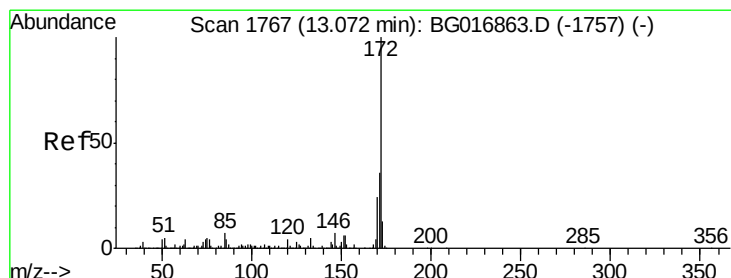
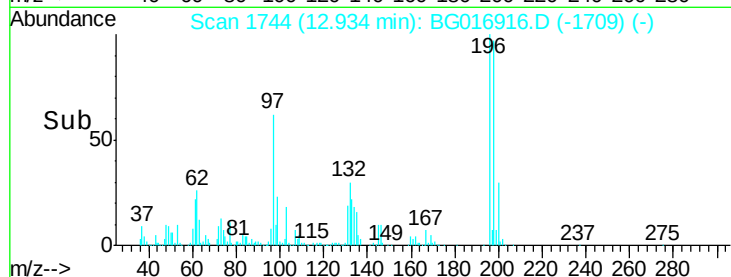
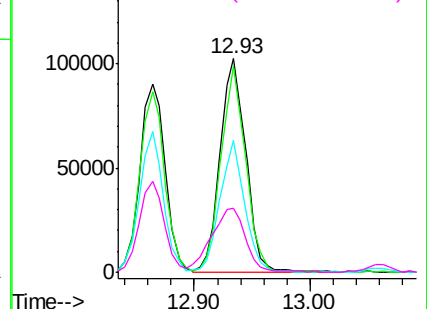
#43
 2,4,5-Trichlorophenol
 Concen: 31.07 ng
 RT: 12.93 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: BG016916.D
 Acq: 7 May 2015 10:48

Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

Tgt Ion:	196	Resp:	157731
Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.5	116.3
97	62.0	45.9	68.9
132	29.7	23.7	35.5

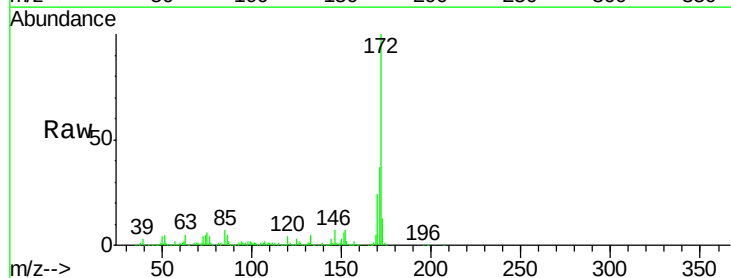


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

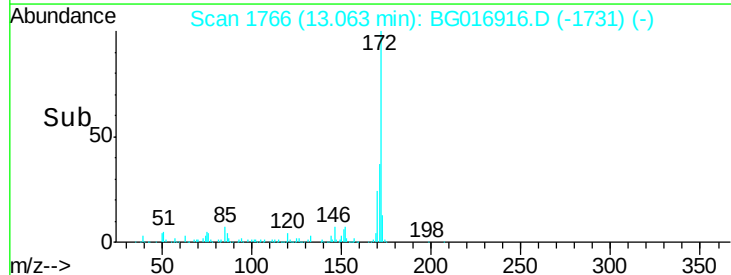
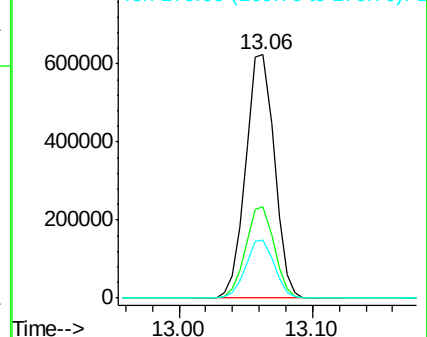


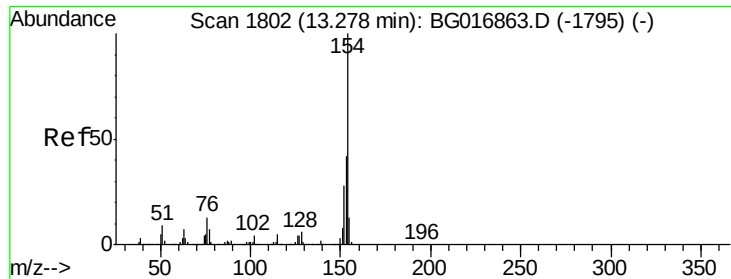
#44
 2-Fluorobiphenyl
 Concen: 55.81 ng
 RT: 13.06 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BG016916.D
 Acq: 7 May 2015 10:48

Tgt Ion:	172	Resp:	923480
Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.0	43.4
170	23.7	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

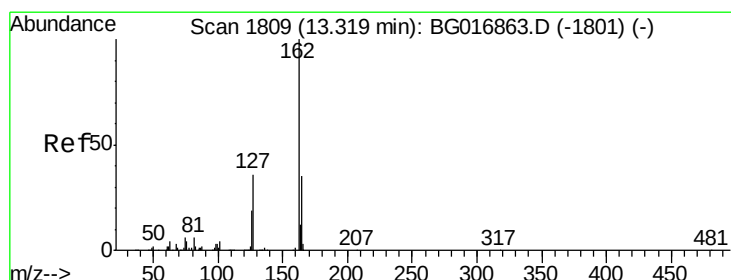
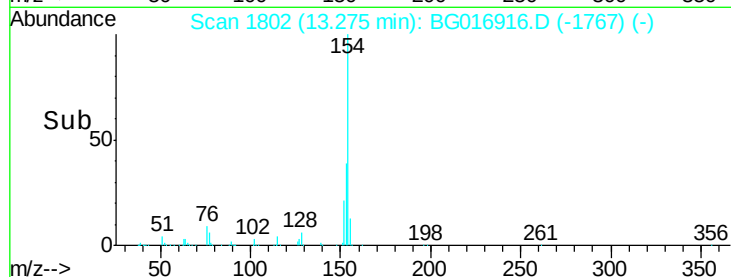
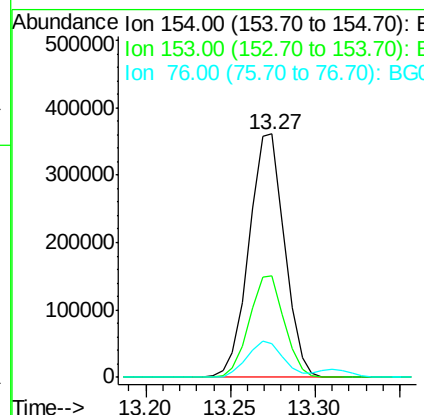
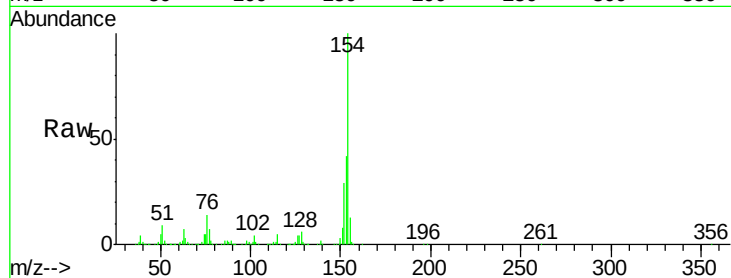




#45
 1,1'-Biphenyl
 Concen: 29.53 ng
 RT: 13.27 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG016916.D
 Acq: 7 May 2015 10:48

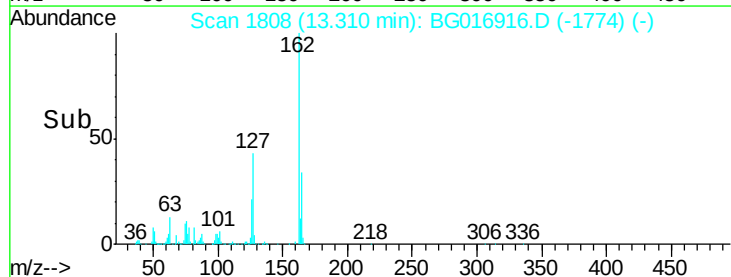
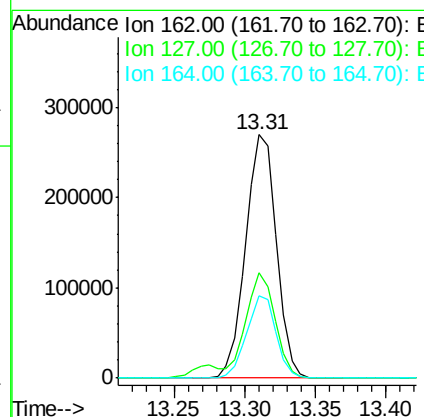
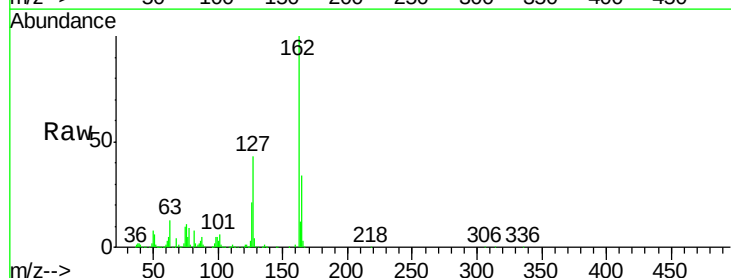
Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

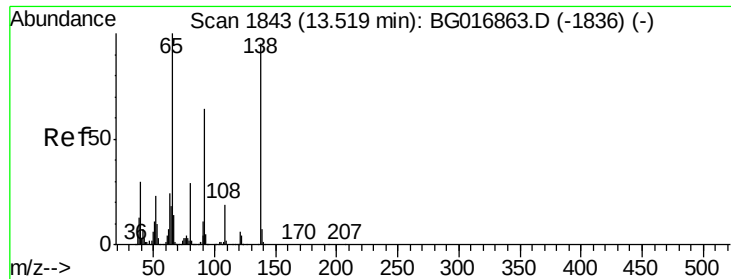
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.0	62.0
76	13.9	0.0	33.3



#46
 2-Chloronaphthalene
 Concen: 29.05 ng
 RT: 13.31 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: BG016916.D
 Acq: 7 May 2015 10:48

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.1	31.2	46.8
164	34.1	27.8	41.6





#47

2-Nitroaniline

Concen: 34.46 ng

RT: 13.52 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

BNA_G

ClientSampleId :

PB83190BS

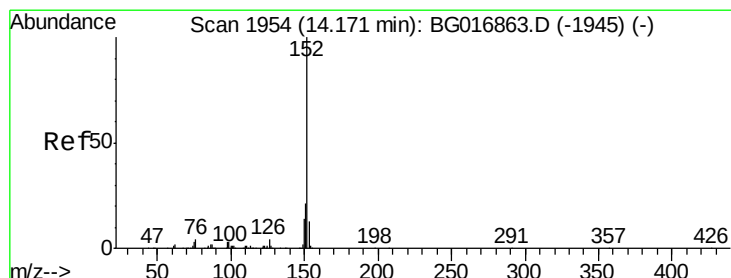
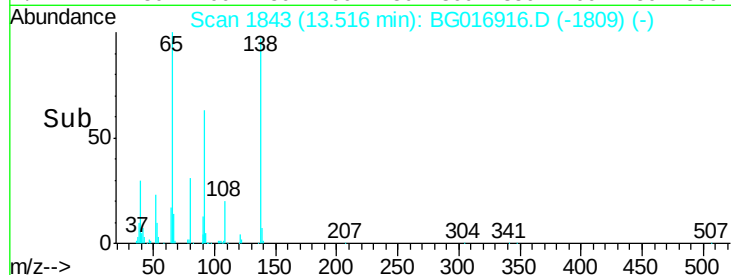
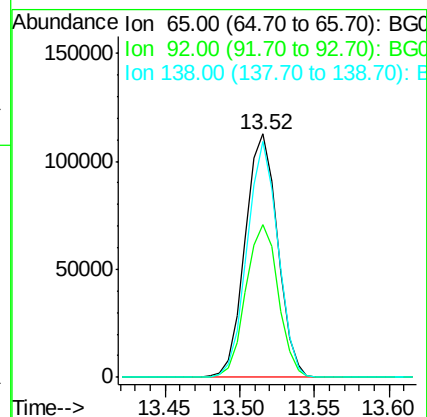
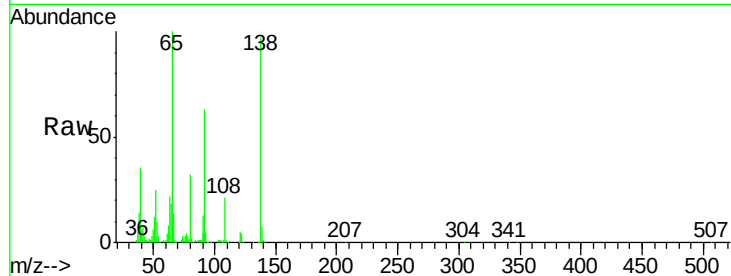
Tgt Ion: 65 Resp: 169844

Ion Ratio Lower Upper

65 100

92 62.8 51.0 76.6

138 97.0 76.2 114.2



#48

Acenaphthylene

Concen: 28.49 ng

RT: 14.16 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

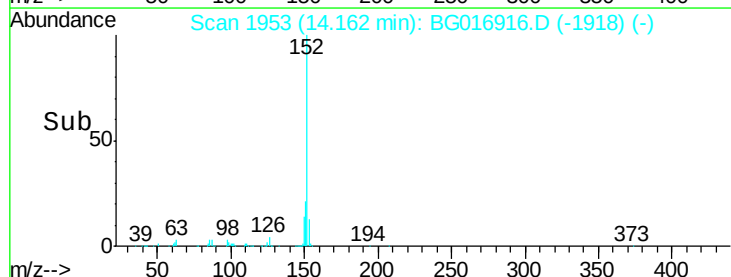
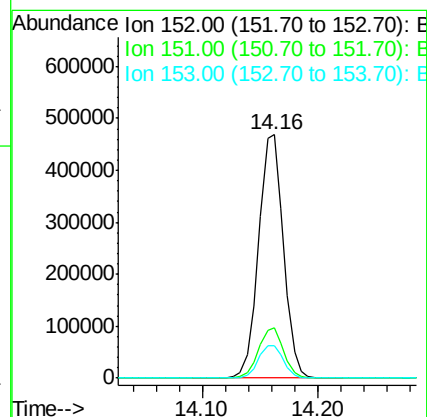
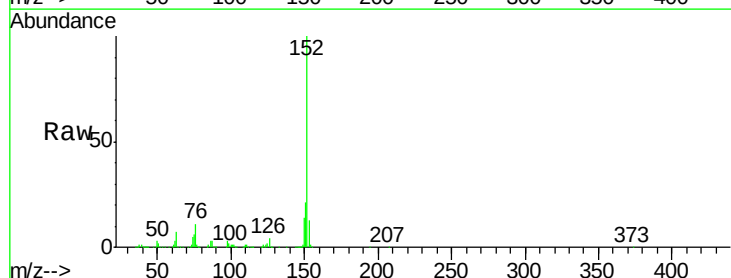
Tgt Ion: 152 Resp: 702533

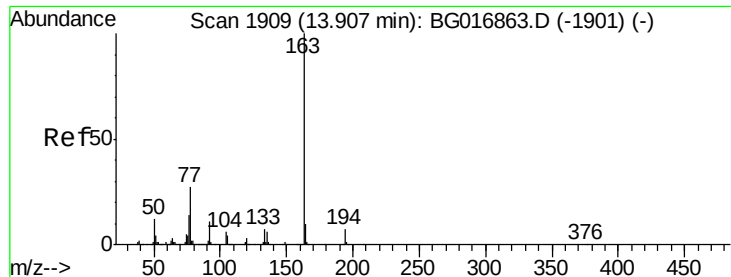
Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.4

153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 29.55 ng

RT: 13.90 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

BNA_G

ClientSampleId :

PB83190BS

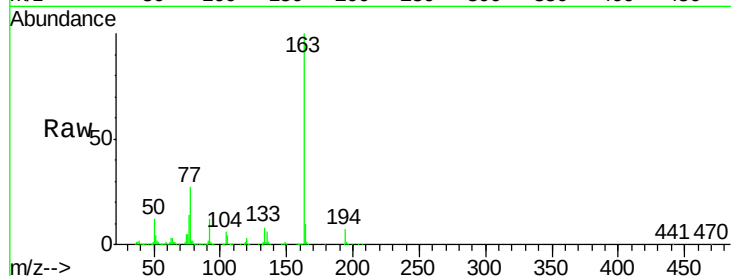
Tgt Ion:163 Resp: 550949

Ion Ratio Lower Upper

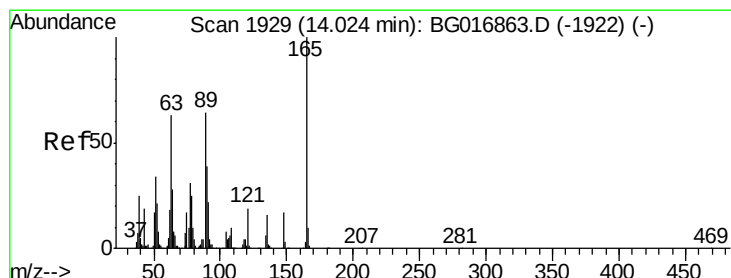
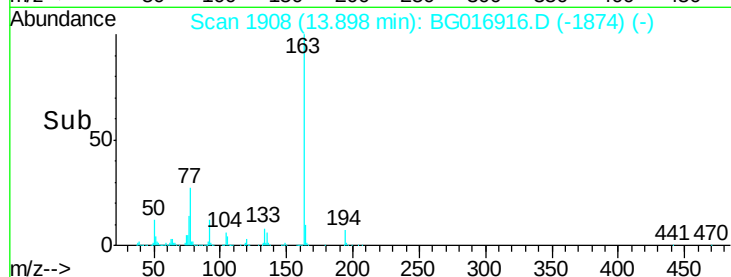
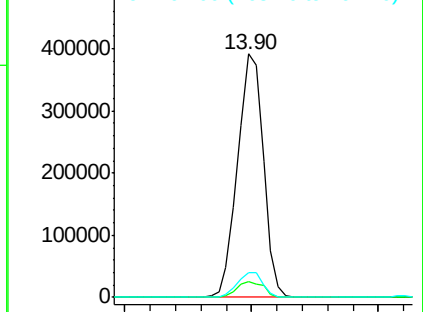
163 100

194 6.6 5.2 7.8

164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 33.15 ng

RT: 14.02 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

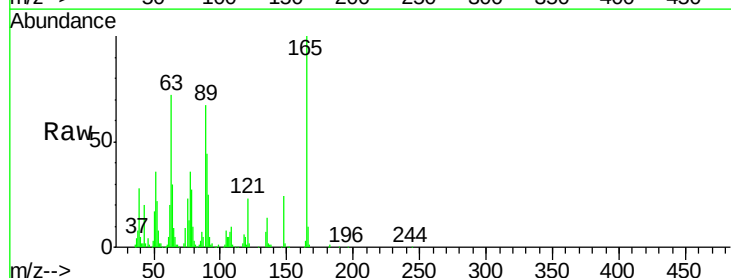
Tgt Ion:165 Resp: 128344

Ion Ratio Lower Upper

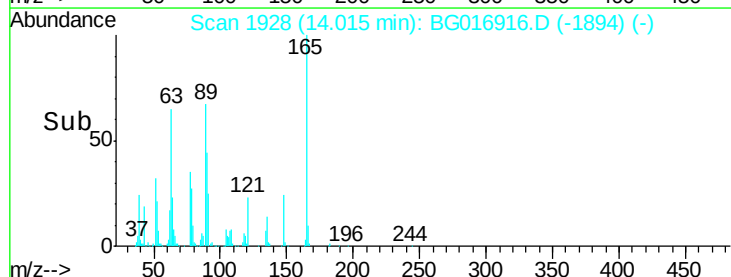
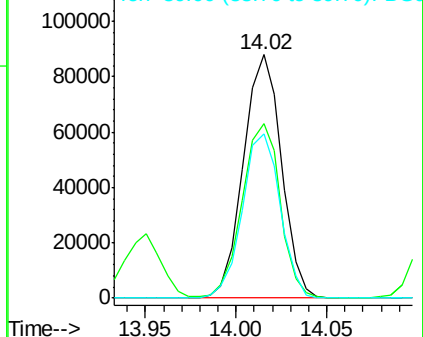
165 100

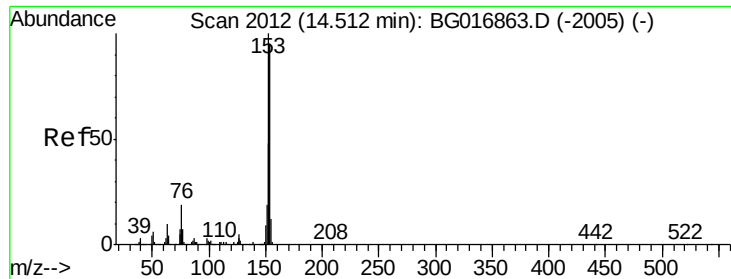
63 71.8 50.9 76.3

89 67.4 51.4 77.2



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 28.41 ng

RT: 14.50 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

BNA_G

ClientSampleId :

PB83190BS

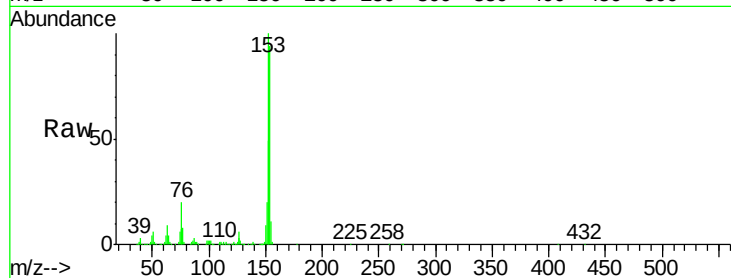
Tgt Ion:154 Resp: 416914

Ion Ratio Lower Upper

154 100

153 106.0 84.2 126.4

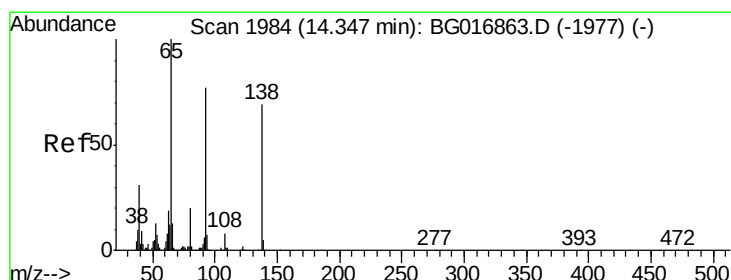
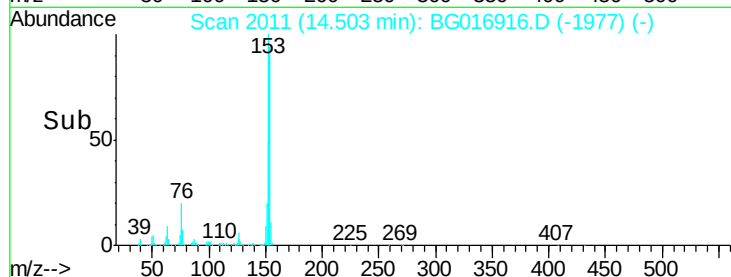
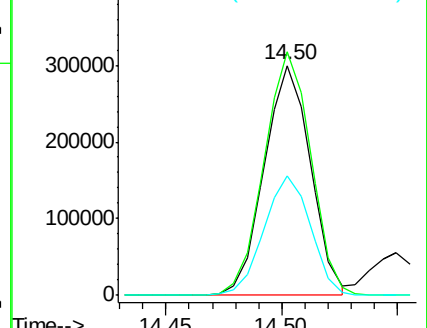
152 52.0 40.2 60.2



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: 21.39 ng

RT: 14.34 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

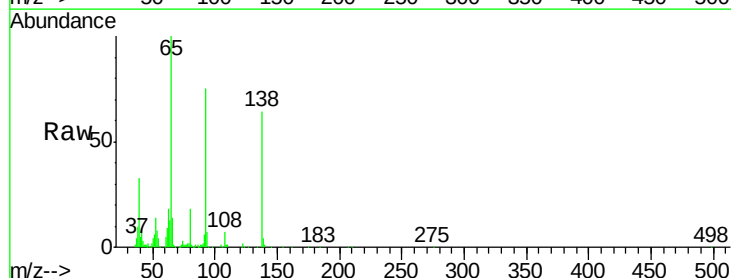
Tgt Ion:138 Resp: 94226

Ion Ratio Lower Upper

138 100

108 11.4 9.5 14.3

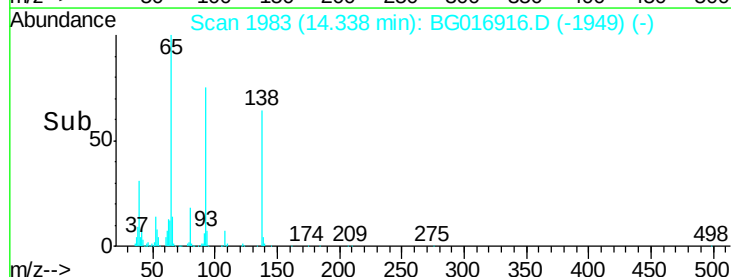
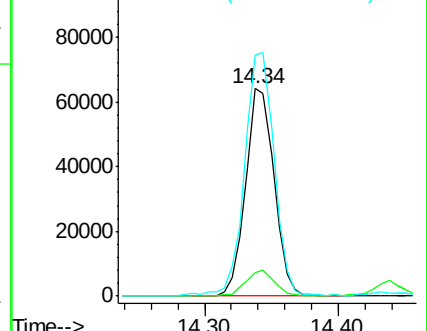
92 116.2 89.6 134.4

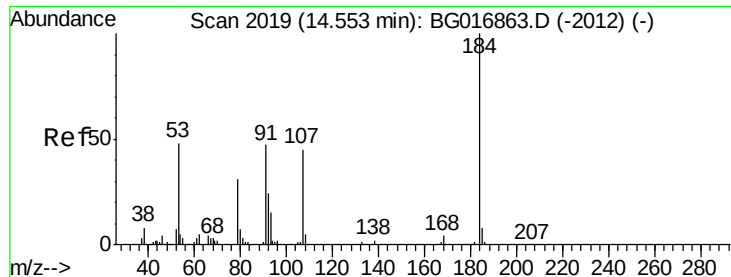


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

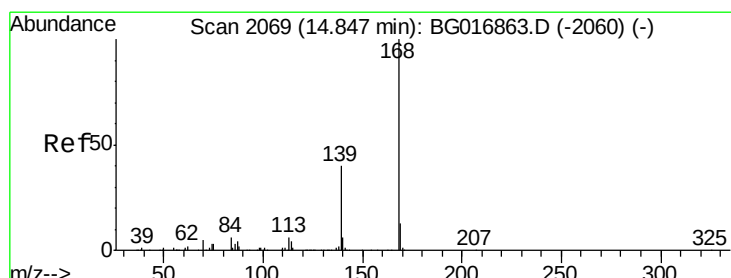
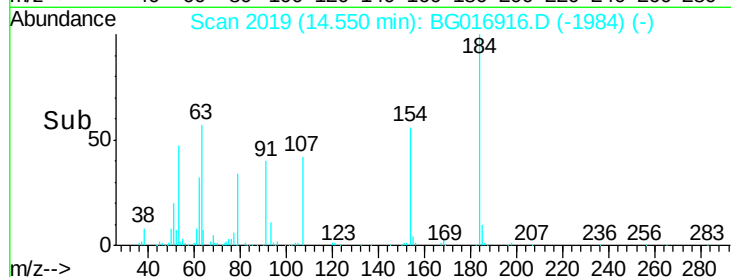
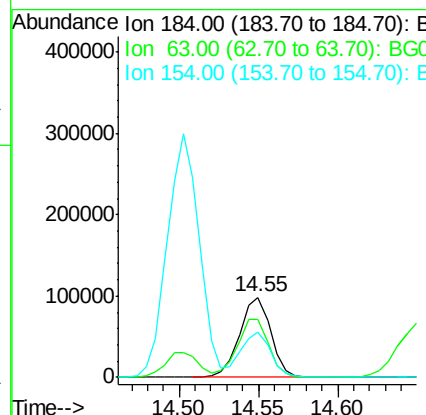
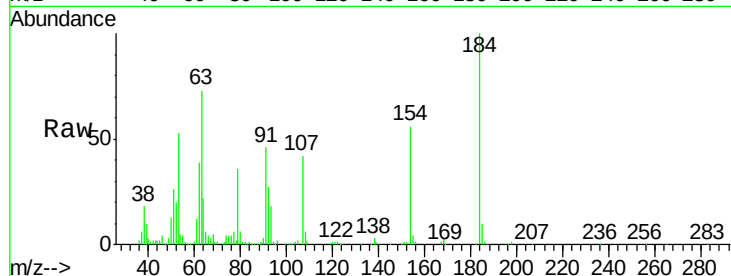




#53
2,4-Dinitrophenol
Concen: 76.22 ng
RT: 14.55 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG016916.D
Acq: 7 May 2015 10:48

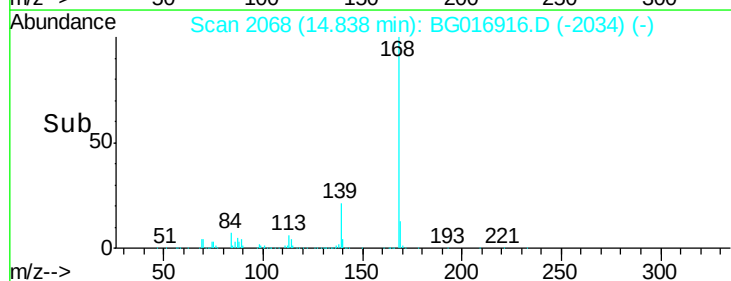
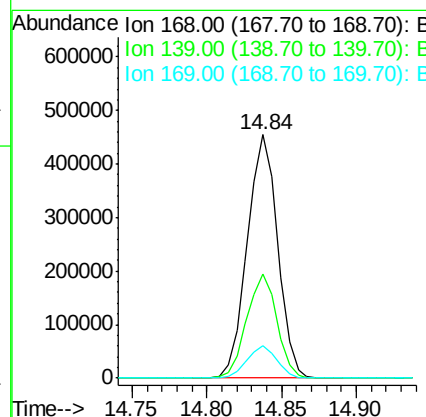
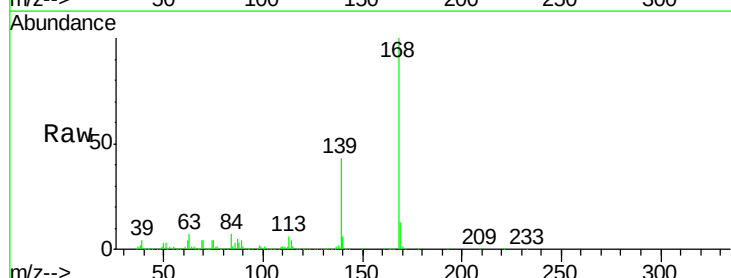
Instrument :
BNA_G
ClientSampleId :
PB83190BS

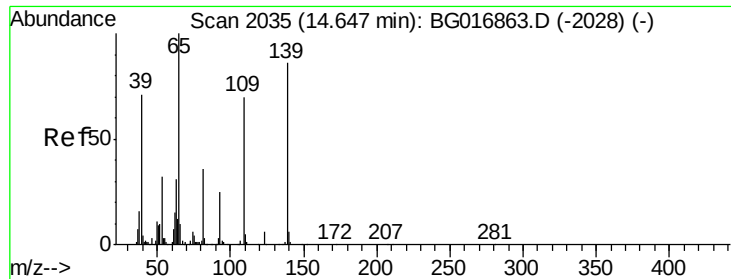
Tgt Ion:184 Resp: 134963
Ion Ratio Lower Upper
184 100
63 72.9 53.4 80.0
154 55.7 41.0 61.6



#54
Dibenzofuran
Concen: 30.53 ng
RT: 14.84 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG016916.D
Acq: 7 May 2015 10:48

Tgt Ion:168 Resp: 636269
Ion Ratio Lower Upper
168 100
139 42.7 32.5 48.7
169 13.4 10.4 15.6





#55

4-Nitrophenol

Concen: 66.68 ng

RT: 14.65 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

BNA_G

ClientSampleId :

PB83190BS

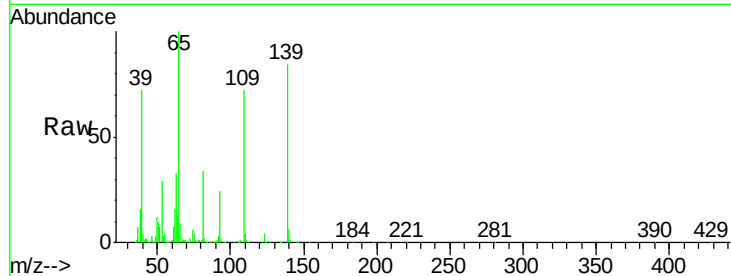
Tgt Ion:139 Resp: 248997

Ion Ratio Lower Upper

139 100

109 85.8 61.8 101.8

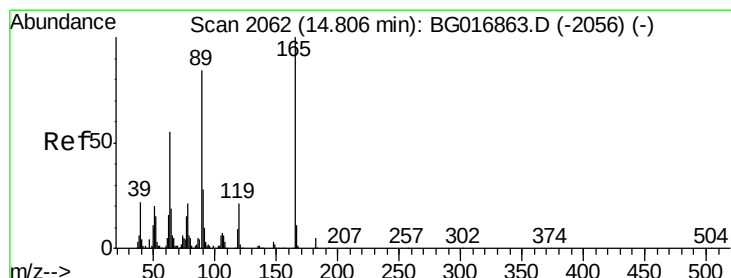
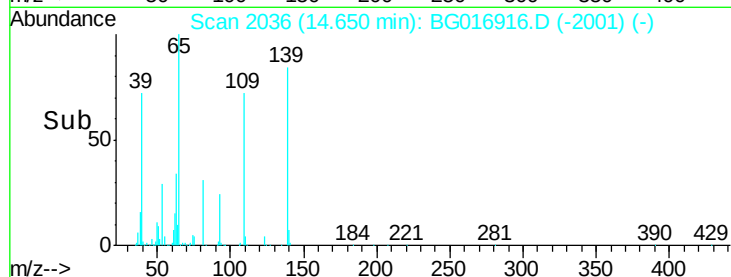
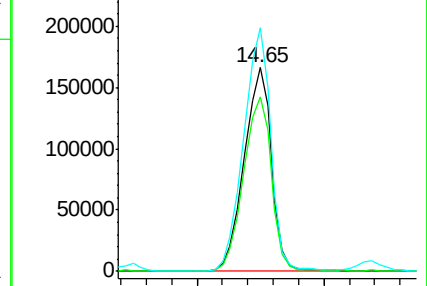
65 119.5 96.8 136.8



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: 35.97 ng

RT: 14.80 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Tgt Ion:165 Resp: 178117

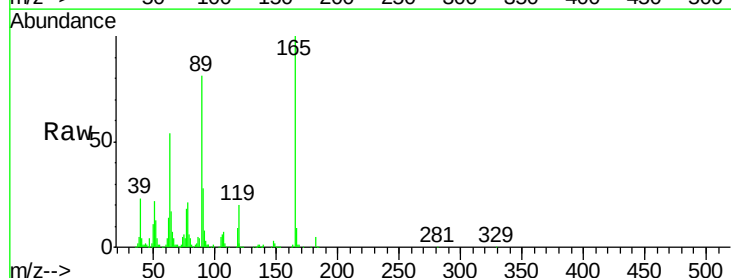
Ion Ratio Lower Upper

165 100

63 53.7 44.2 66.4

89 80.7 67.2 100.8

182 4.7 4.2 6.4

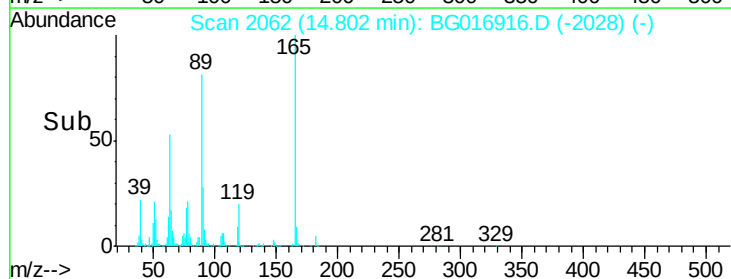
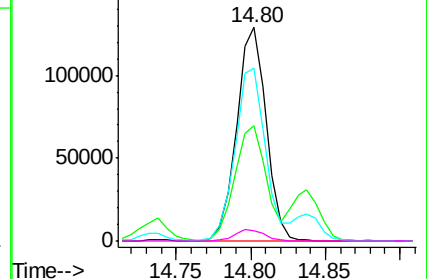


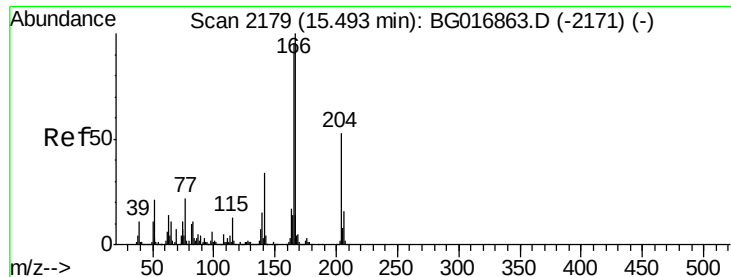
Abundance Ion 165.00 (164.70 to 165.70): E

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: 29.81 ng

RT: 15.48 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

BNA_G

ClientSampleId :

PB83190BS

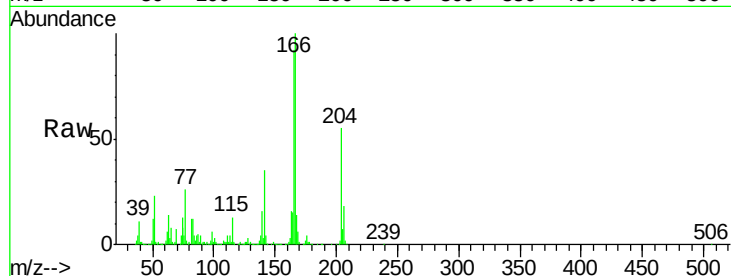
Tgt Ion:166 Resp: 550069

Ion Ratio Lower Upper

166 100

165 92.4 76.1 114.1

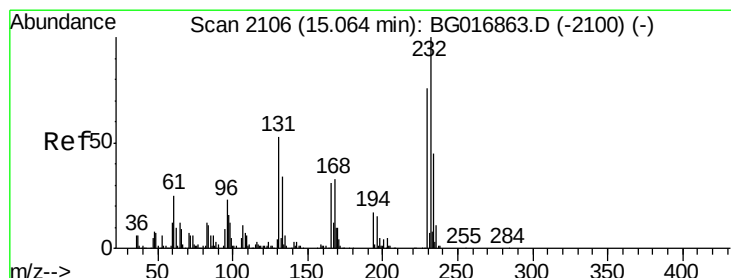
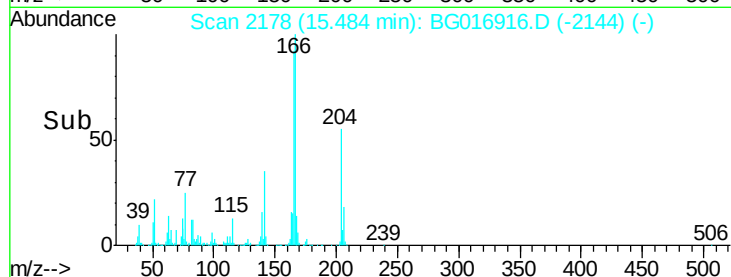
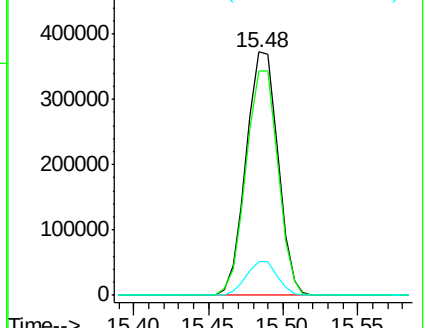
167 13.7 11.4 17.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.21 ng

RT: 15.06 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Tgt Ion:232 Resp: 141119

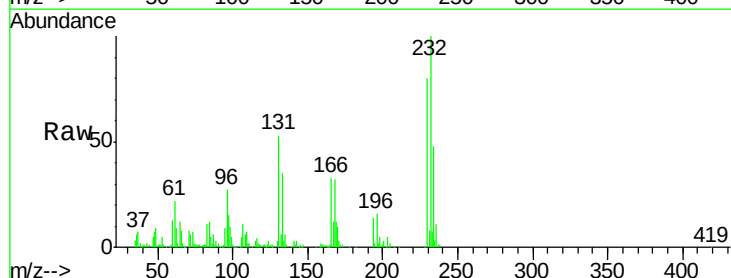
Ion Ratio Lower Upper

232 100

131 53.5 0.1 0.1#

130 3.3 0.0 0.0#

166 33.2 0.0 0.0#

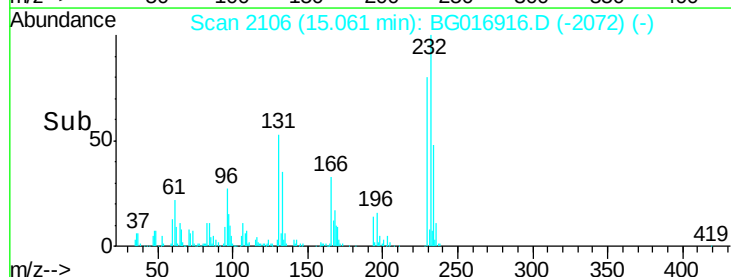
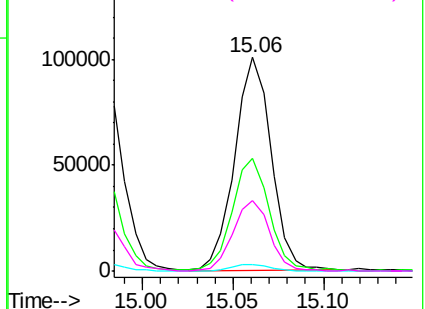


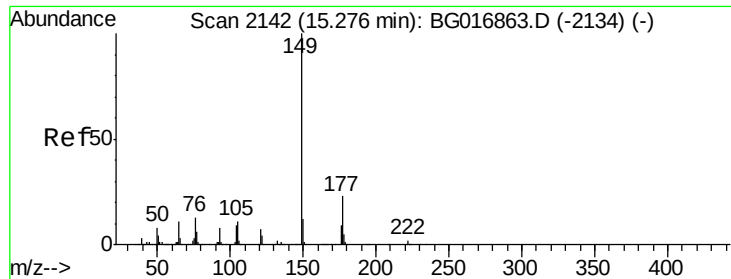
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

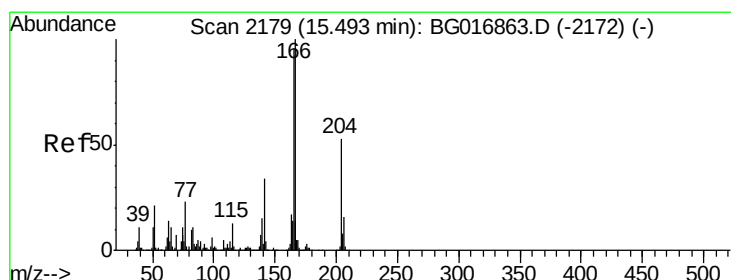
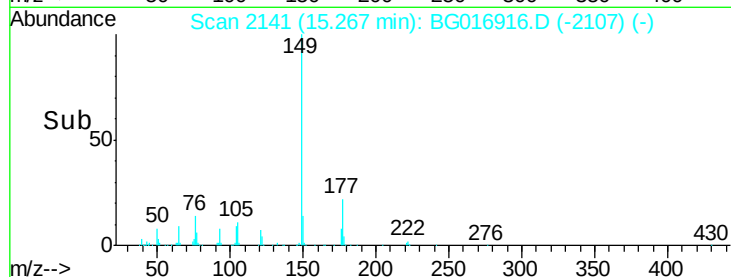
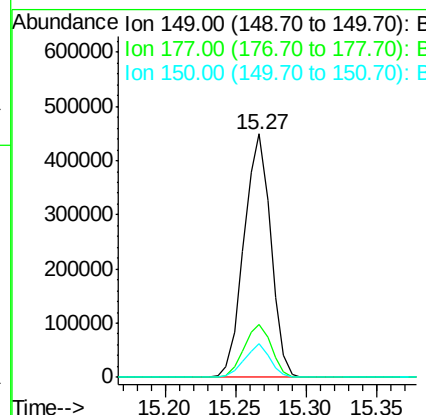
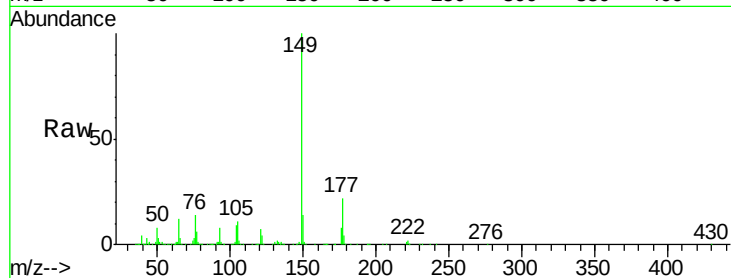




#59
Diethylphthalate
Concen: 30.28 ng
RT: 15.27 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG016916.D
Acq: 7 May 2015 10:48

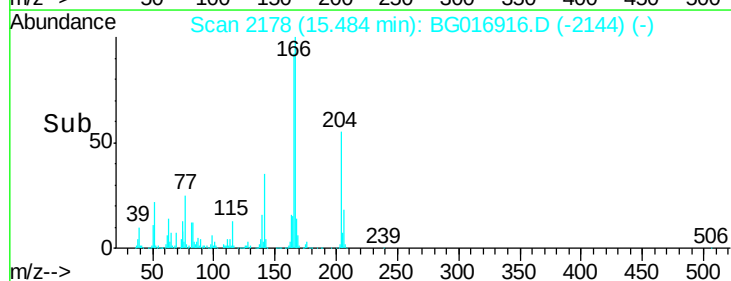
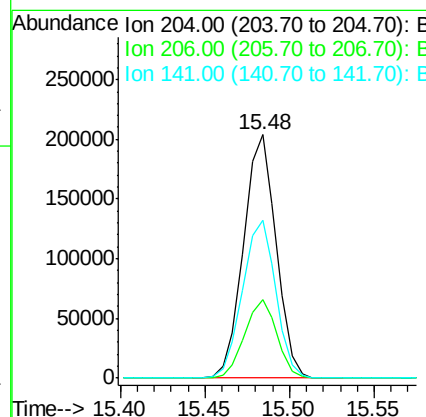
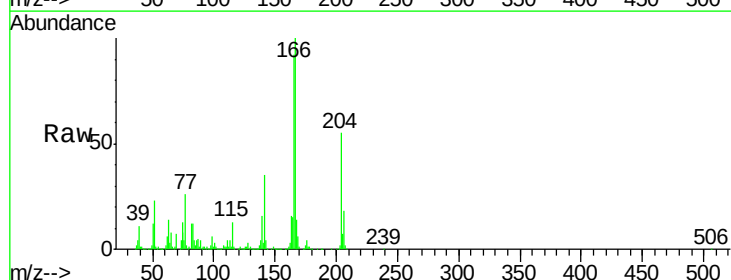
Instrument :
BNA_G
ClientSampleId :
PB83190BS

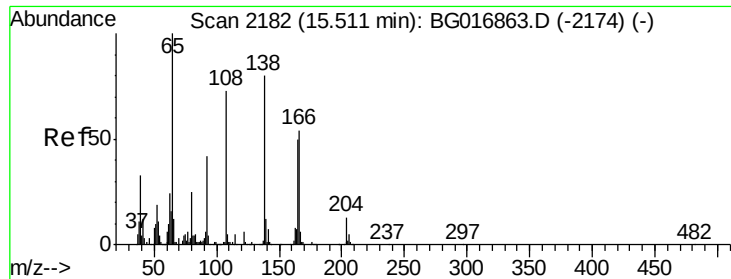
Tgt Ion:149 Resp: 596011
Ion Ratio Lower Upper
149 100
177 21.9 18.6 27.8
150 14.0 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 29.58 ng
RT: 15.48 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG016916.D
Acq: 7 May 2015 10:48

Tgt Ion:204 Resp: 274240
Ion Ratio Lower Upper
204 100
206 32.1 24.8 37.2
141 64.6 52.4 78.6

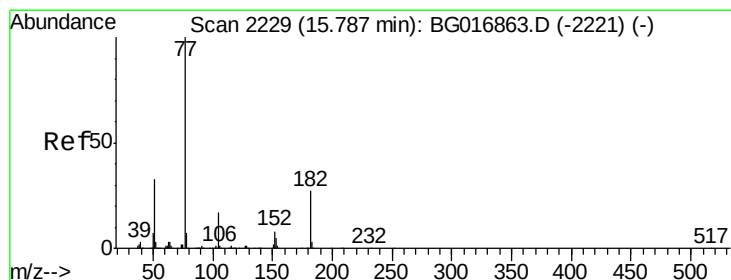
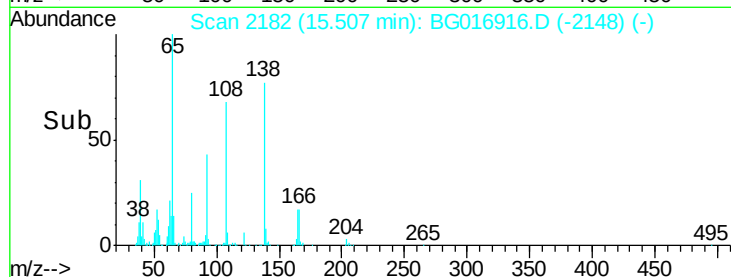
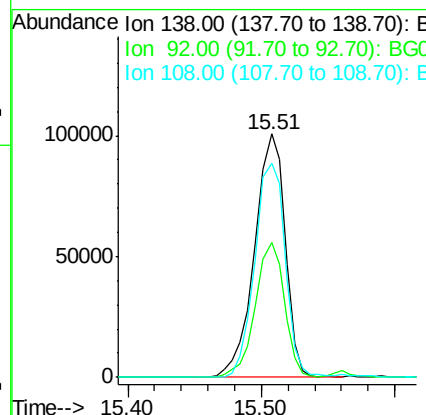
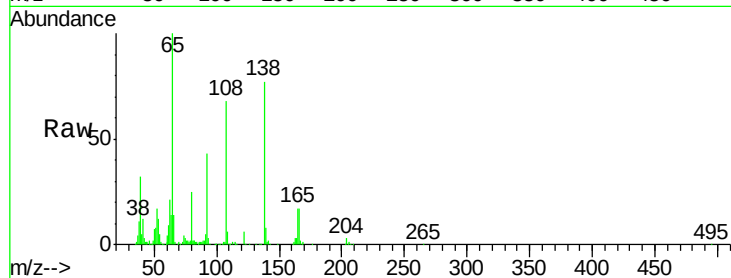




#61
4-Nitroaniline
Concen: 31.13 ng
RT: 15.51 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG016916.D
Acq: 7 May 2015 10:48

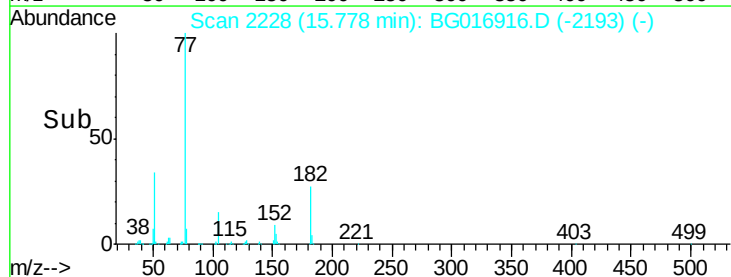
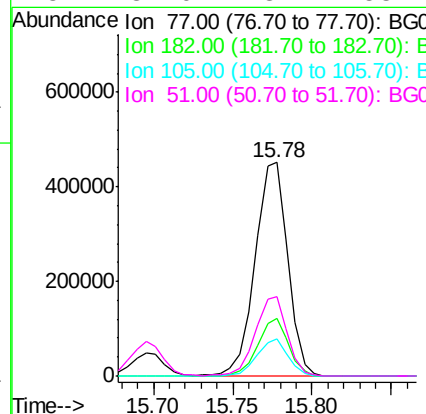
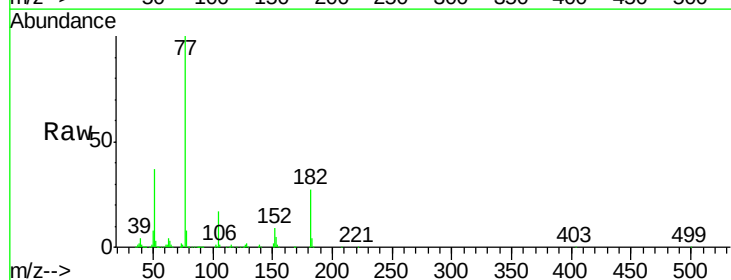
Instrument :
BNA_G
ClientSampleId :
PB83190BS

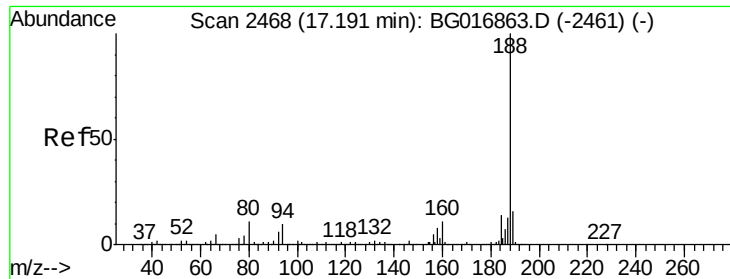
Tgt Ion:138 Resp: 158972
Ion Ratio Lower Upper
138 100
92 55.1 31.8 71.8
108 88.0 70.6 110.6



#62
Azobenzene
Concen: 31.67 ng
RT: 15.78 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BG016916.D
Acq: 7 May 2015 10:48

Tgt Ion: 77 Resp: 645574
Ion Ratio Lower Upper
77 100
182 26.8 7.4 47.4
105 17.3 0.0 36.6
51 37.0 13.4 53.4

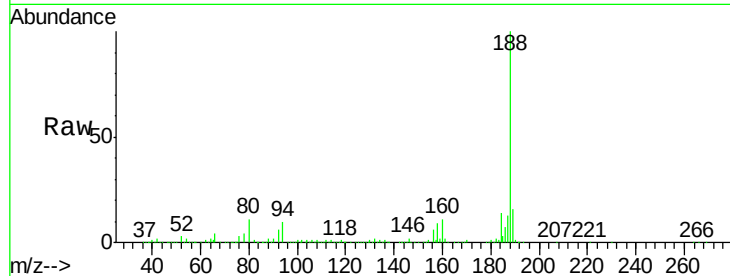




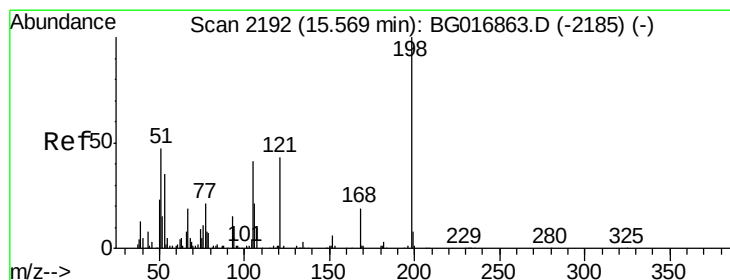
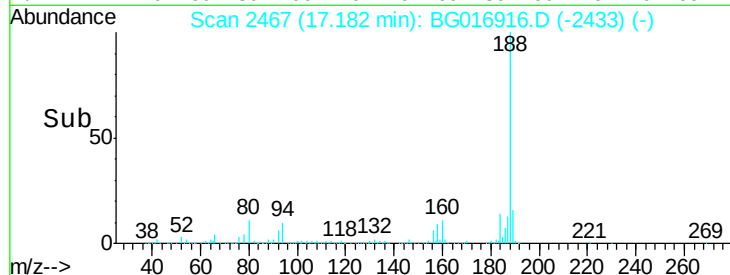
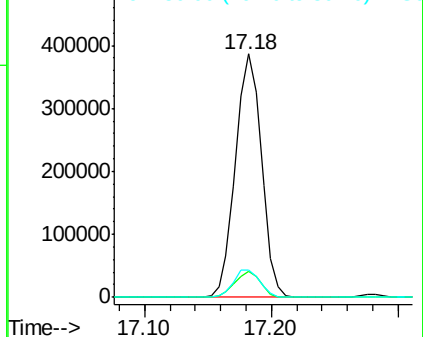
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BG016916.D
Acq: 7 May 2015 10:48

Instrument :
BNA_G
ClientSampleId :
PB83190BS

Tgt Ion:188 Resp: 547939
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.4
80 11.3 8.8 13.2

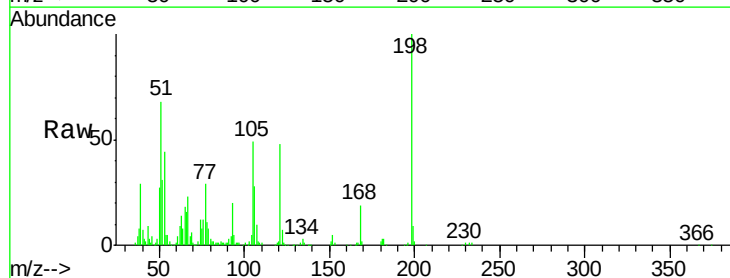


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

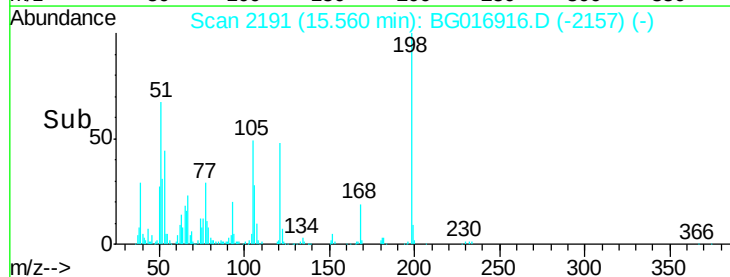
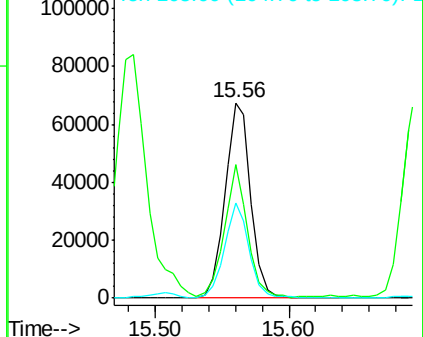


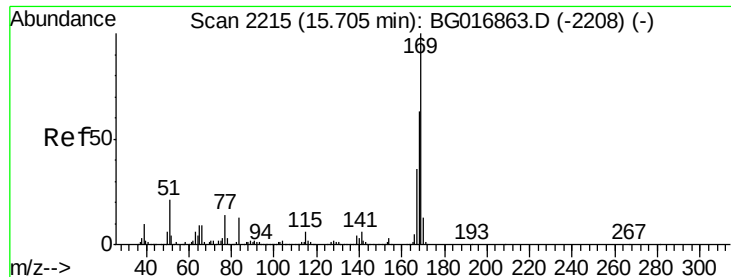
#64
4,6-Dinitro-2-methylphenol
Concen: 33.21 ng
RT: 15.56 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG016916.D
Acq: 7 May 2015 10:48

Tgt Ion:198 Resp: 90234
Ion Ratio Lower Upper
198 100
51 68.2 31.2 71.2
105 48.5 22.0 62.0



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

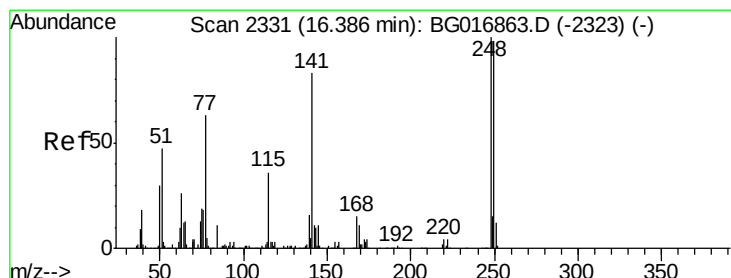
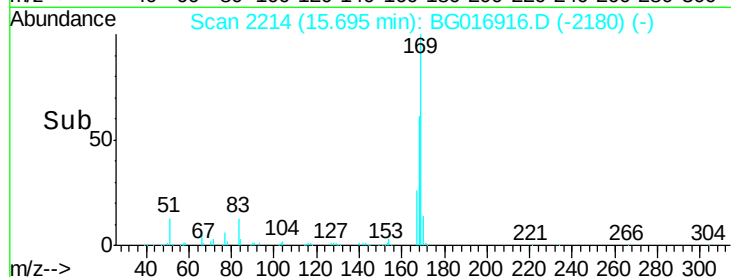
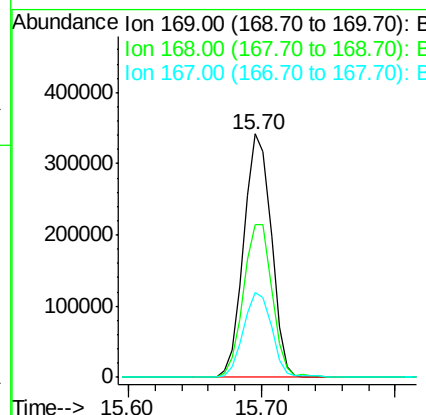
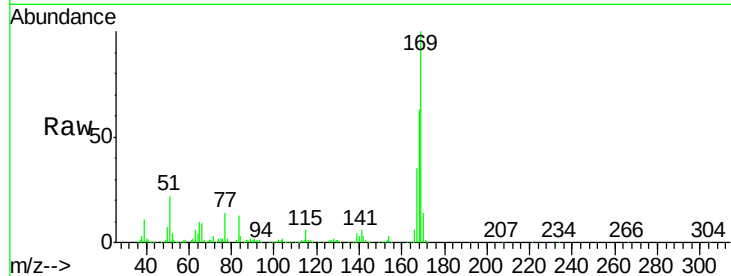




#65
 n-Nitrosodiphenylamine
 Concen: 29.14 ng
 RT: 15.70 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG016916.D
 Acq: 7 May 2015 10:48

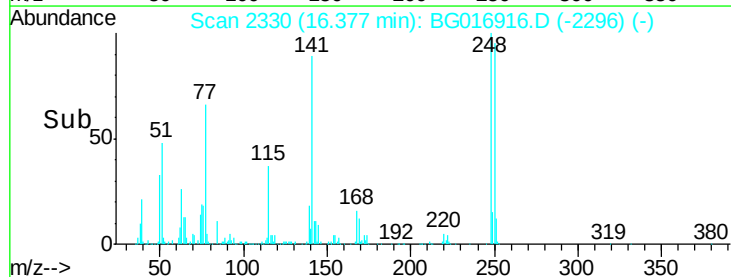
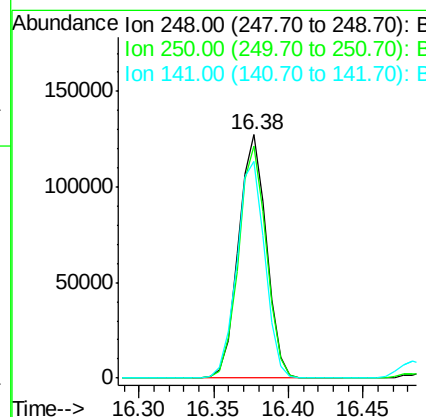
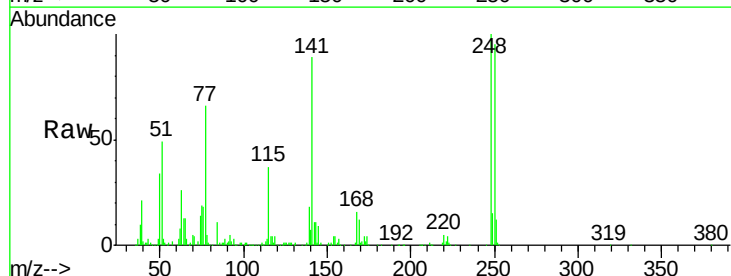
Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

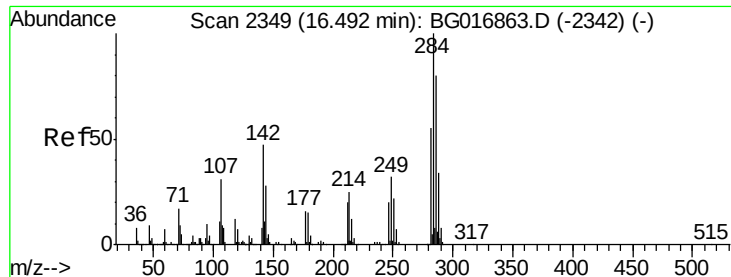
Tgt Ion:169 Resp: 487321
 Ion Ratio Lower Upper
 169 100
 168 62.7 50.6 76.0
 167 34.9 29.0 43.4



#66
 4-Bromophenyl-phenylether
 Concen: 30.17 ng
 RT: 16.38 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: BG016916.D
 Acq: 7 May 2015 10:48

Tgt Ion:248 Resp: 165906
 Ion Ratio Lower Upper
 248 100
 250 95.3 78.6 117.8
 141 88.8 66.3 99.5





#67

Hexachlorobenzene

Concen: 30.62 ng

RT: 16.49 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

BNA_G

ClientSampleId :

PB83190BS

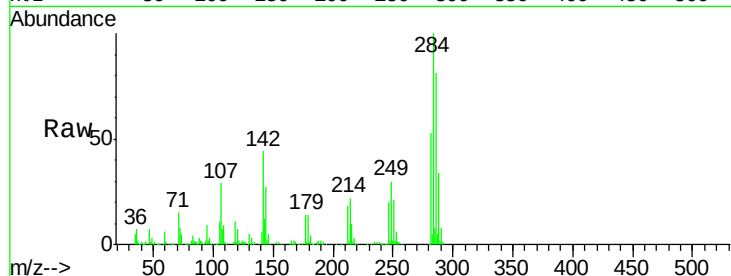
Tgt Ion:284 Resp: 177603

Ion Ratio Lower Upper

284 100

142 43.7 37.4 56.0

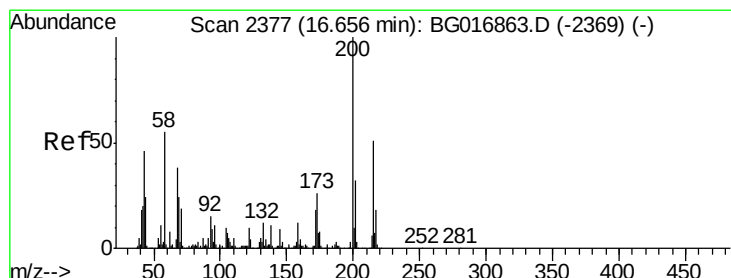
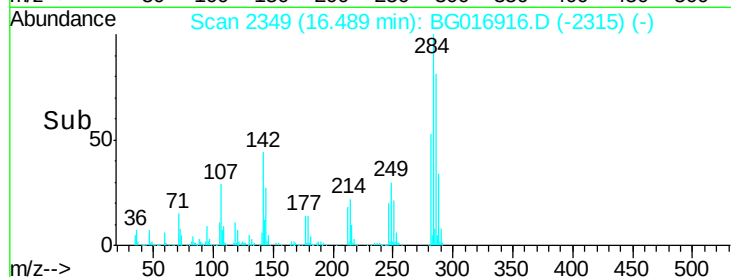
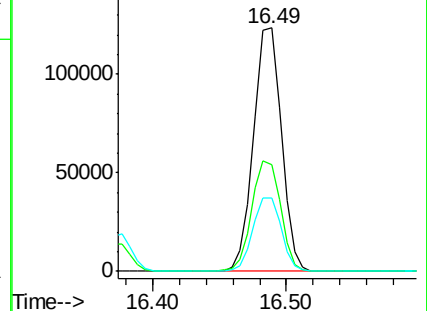
249 30.2 25.5 38.3



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: 29.94 ng

RT: 16.65 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

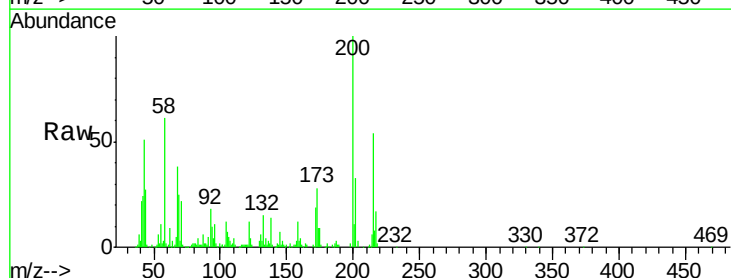
Tgt Ion:200 Resp: 180219

Ion Ratio Lower Upper

200 100

173 27.5 6.1 46.1

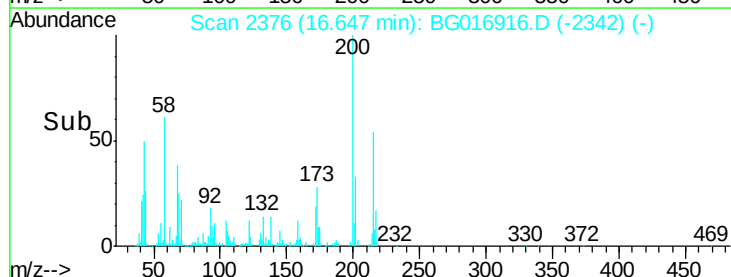
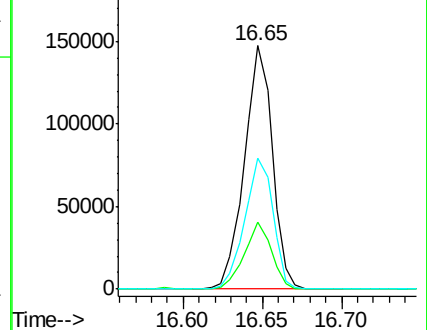
215 53.7 30.8 70.8

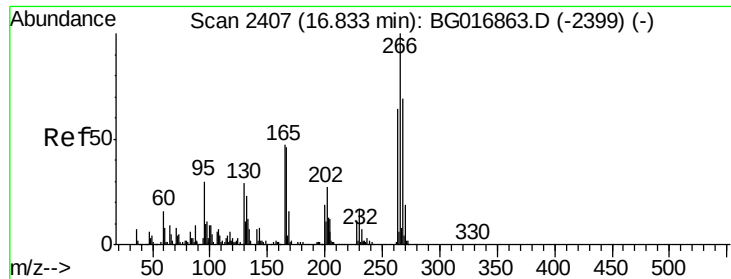


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 64.45 ng

RT: 16.83 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

BNA_G

ClientSampleId :

PB83190BS

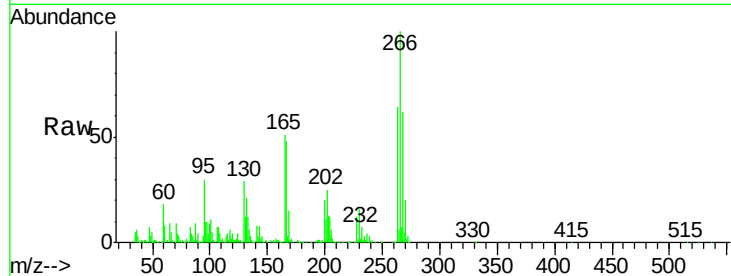
Tgt Ion:266 Resp: 242680

Ion Ratio Lower Upper

266 100

268 61.7 55.2 82.8

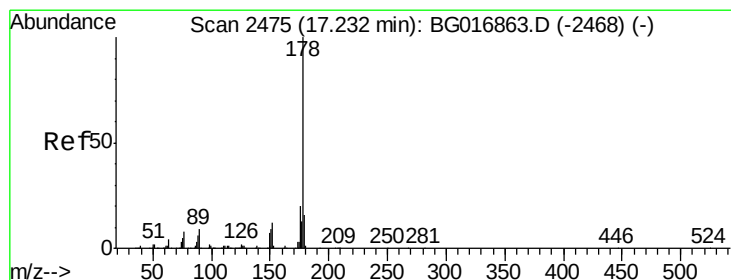
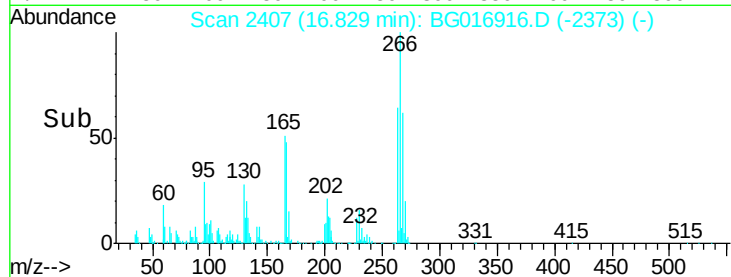
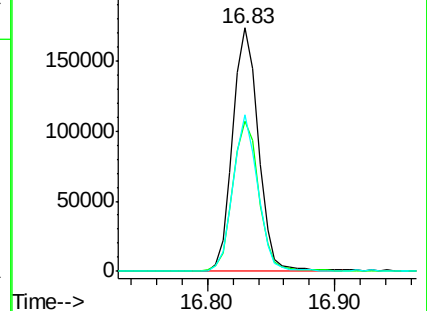
264 64.2 51.4 77.0



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: 29.79 ng

RT: 17.22 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

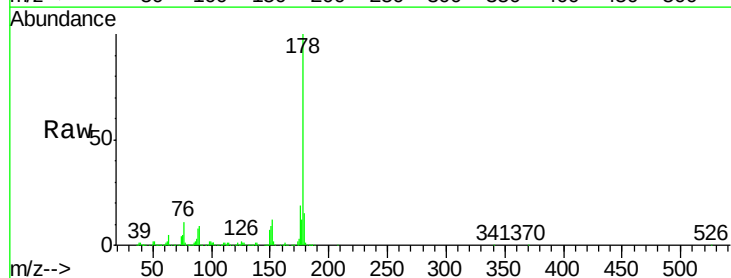
Tgt Ion:178 Resp: 840085

Ion Ratio Lower Upper

178 100

176 18.6 16.0 24.0

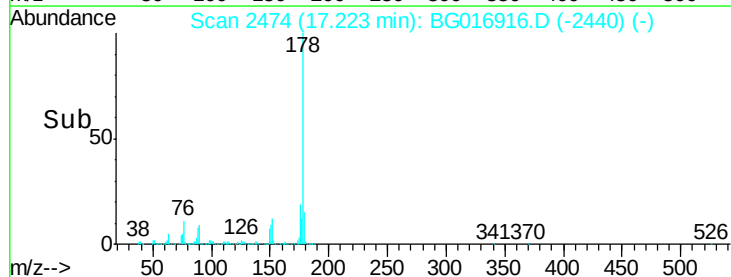
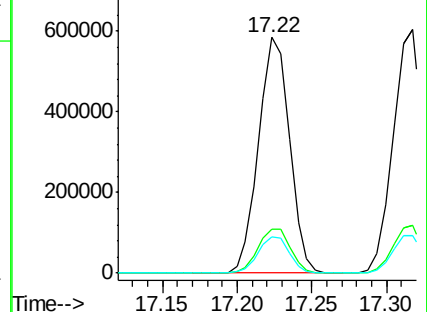
179 15.4 13.0 19.6

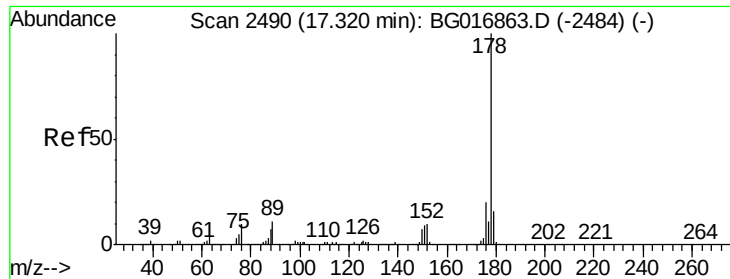


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

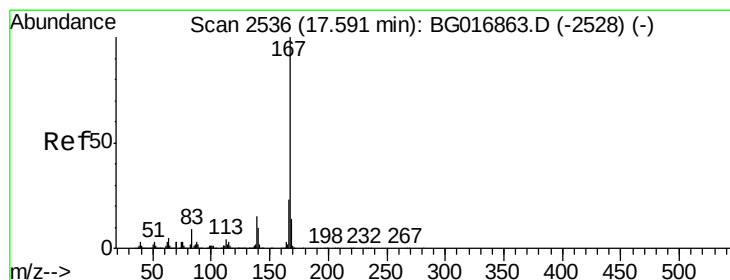
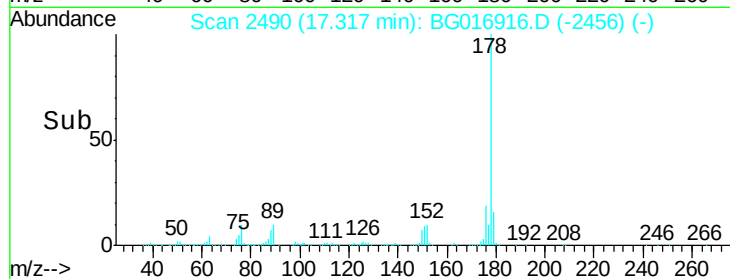
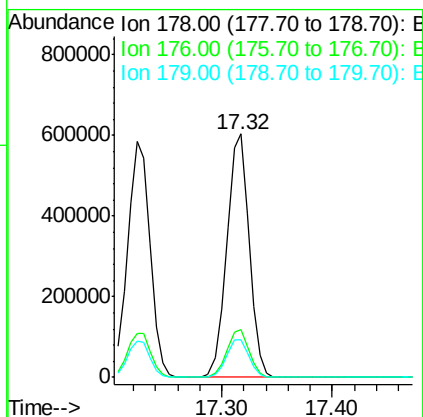
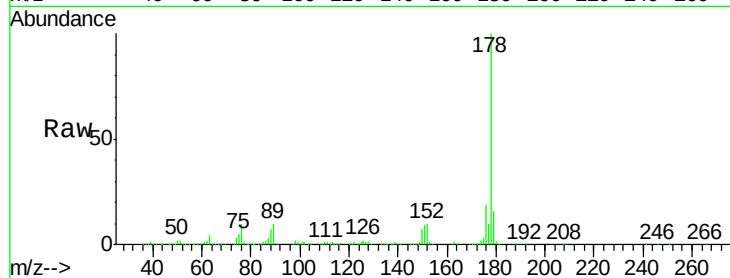




#71
 Anthracene
 Concen: 30.13 ng
 RT: 17.32 min Scan# 2490
 Delta R.T. -0.00 min
 Lab File: BG016916.D
 Acq: 7 May 2015 10:48

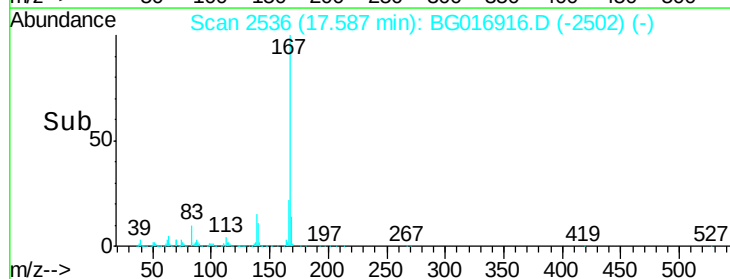
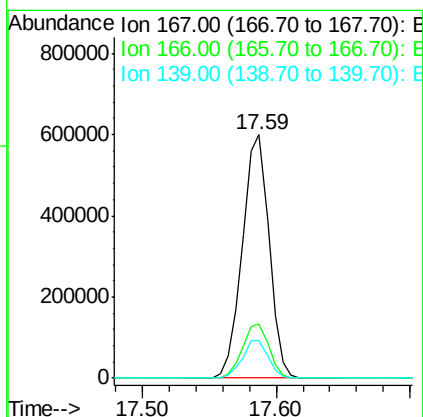
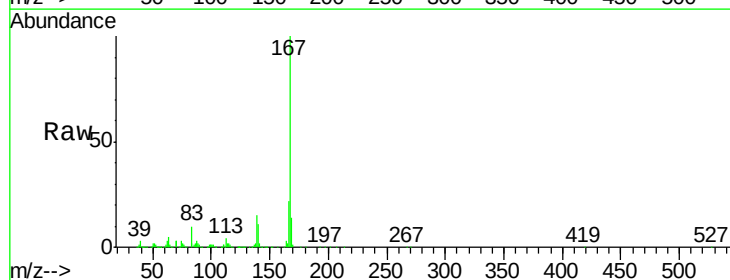
Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

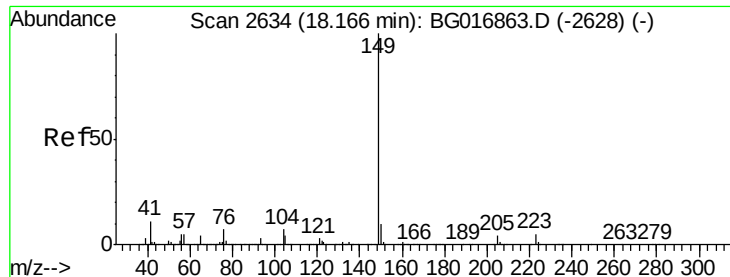
Tgt Ion:178 Resp: 857241
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 15.6 13.1 19.7



#72
 Carbazole
 Concen: 30.54 ng
 RT: 17.59 min Scan# 2536
 Delta R.T. -0.00 min
 Lab File: BG016916.D
 Acq: 7 May 2015 10:48

Tgt Ion:167 Resp: 825807
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.4 27.6
 139 15.3 12.2 18.4





#73

Di-n-butylphthalate

Concen: 30.50 ng

RT: 18.15 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

BNA_G

ClientSampleId :

PB83190BS

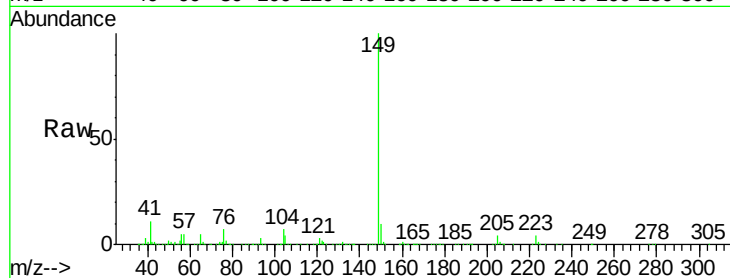
Tgt Ion:149 Resp: 1069372

Ion Ratio Lower Upper

149 100

150 10.1 7.7 11.5

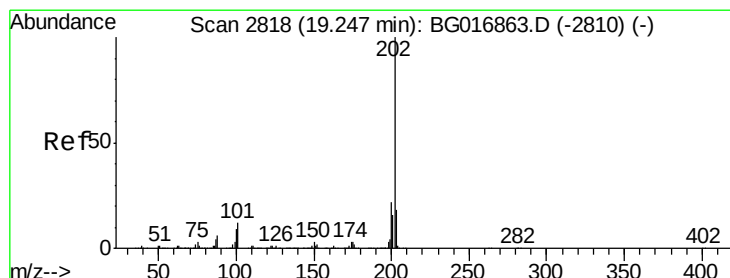
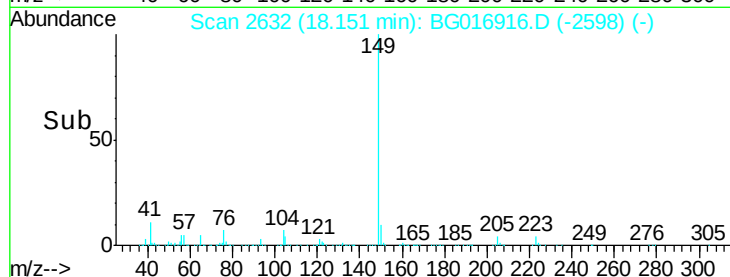
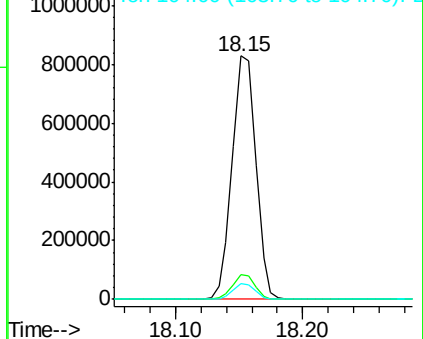
104 6.7 5.4 8.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 29.65 ng

RT: 19.24 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

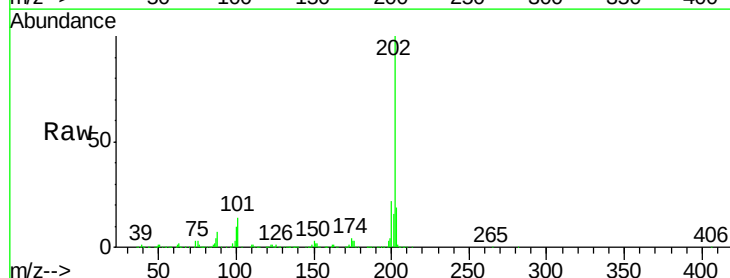
Tgt Ion:202 Resp: 969911

Ion Ratio Lower Upper

202 100

101 13.7 0.0 31.5

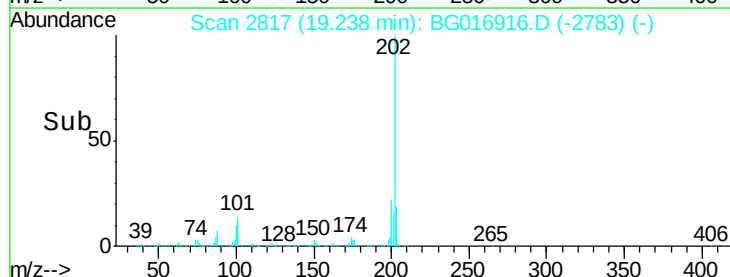
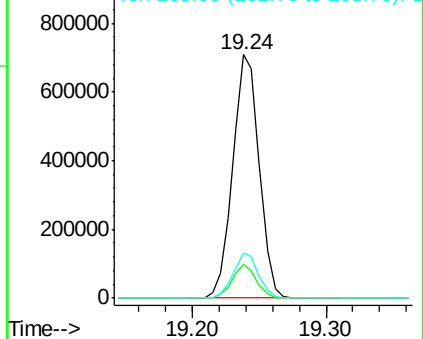
203 18.5 0.0 38.1

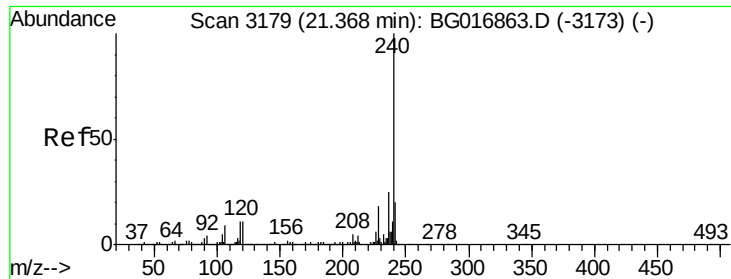


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

BNA_G

ClientSampleId :

PB83190BS

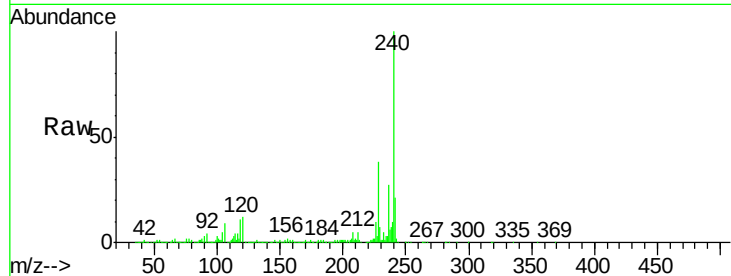
Tgt Ion:240 Resp: 574322

Ion Ratio Lower Upper

240 100

120 12.2 9.1 13.7

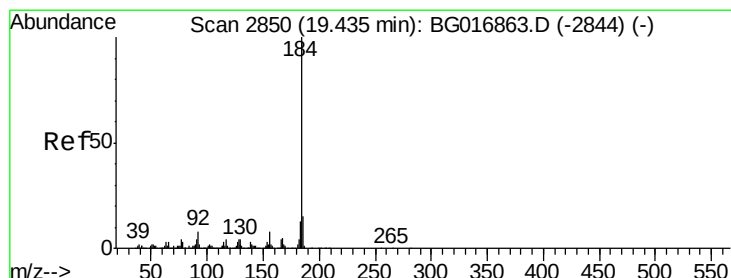
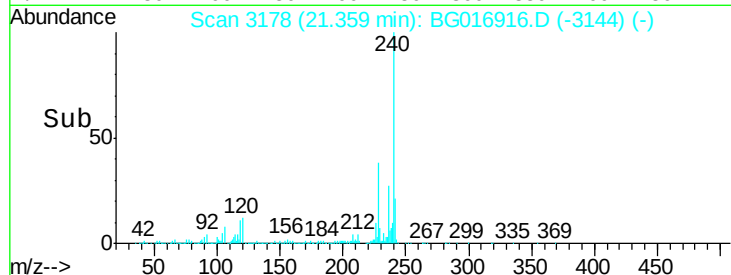
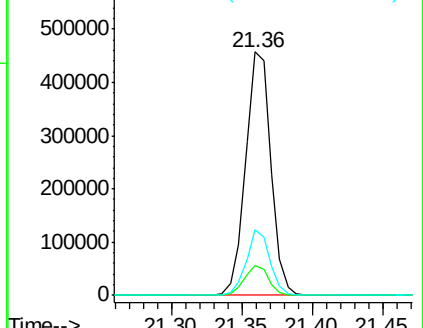
236 27.0 20.2 30.4



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



#76

Benzidine

Concen: 19.71 ng

RT: 19.43 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

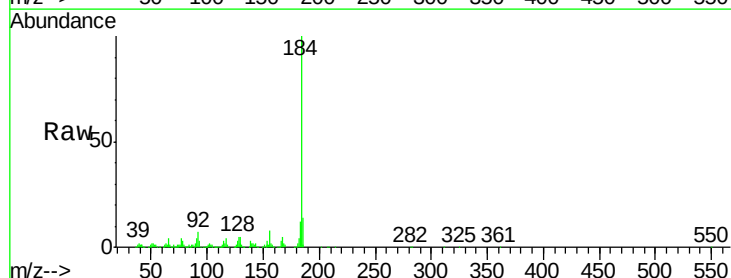
Tgt Ion:184 Resp: 384676

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

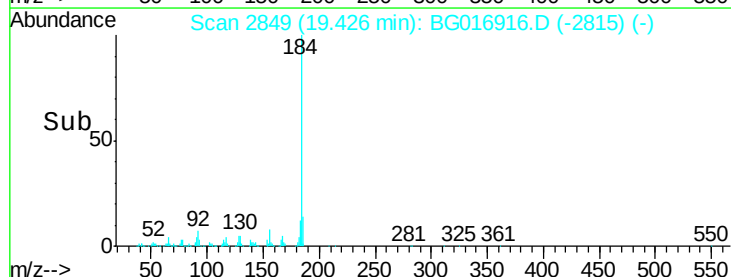
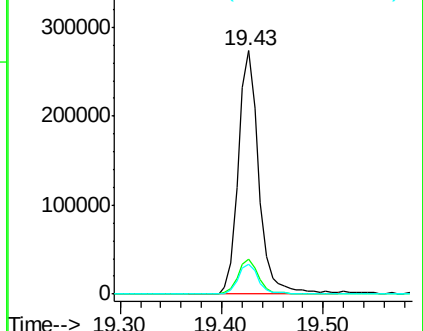
183 12.3 10.6 15.8

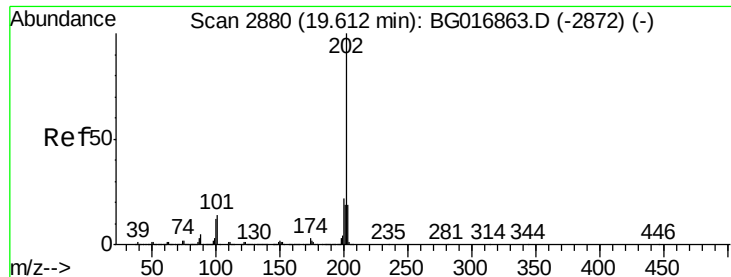


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 29.02 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

BNA_G

ClientSampleId :

PB83190BS

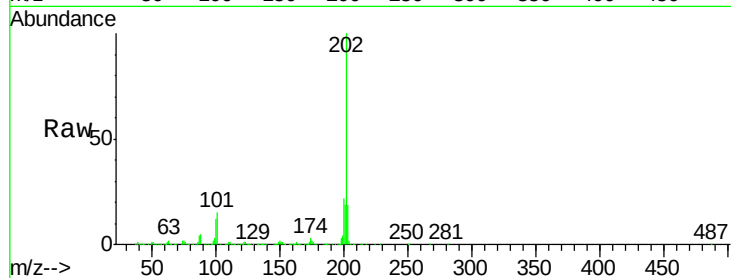
Tgt Ion:202 Resp: 983841

Ion Ratio Lower Upper

202 100

200 22.3 17.9 26.9

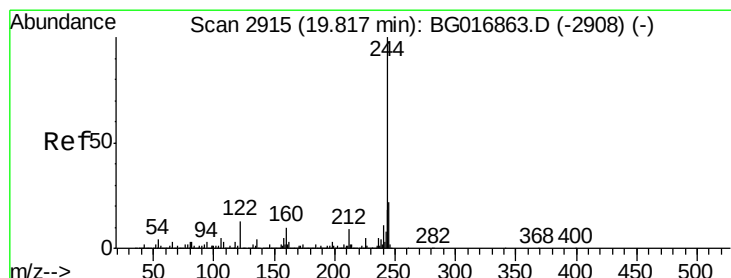
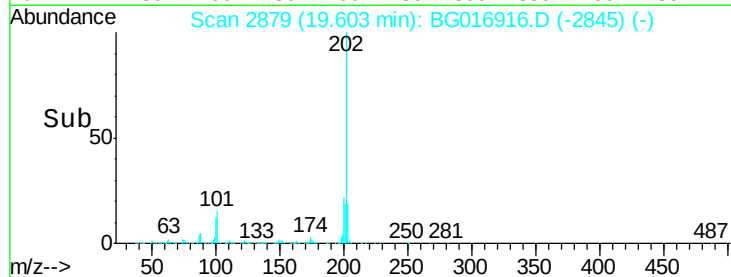
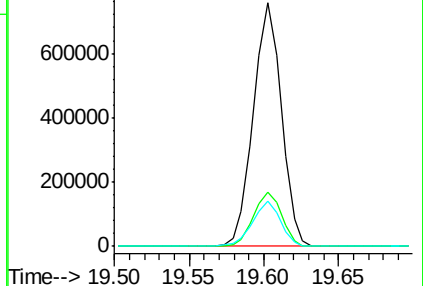
203 18.6 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 58.75 ng

RT: 19.81 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

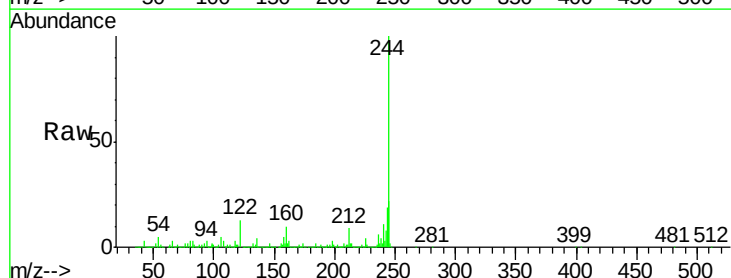
Tgt Ion:244 Resp: 1439332

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

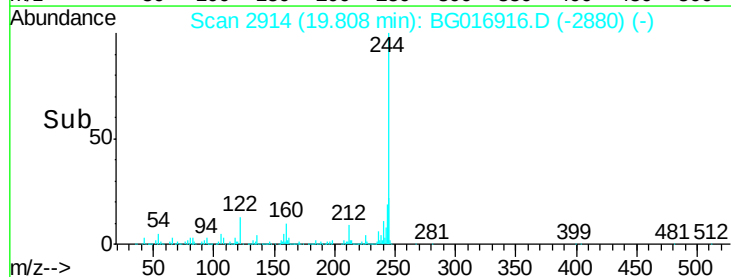
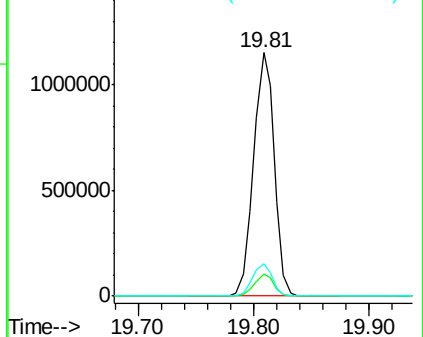
122 13.5 10.4 15.6

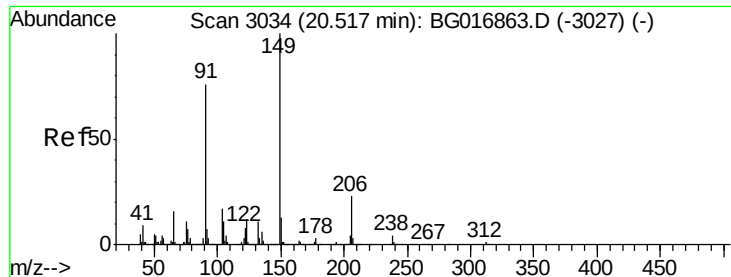


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 29.90 ng

RT: 20.50 min Scan# 3032

Delta R.T. -0.01 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

BNA_G

ClientSampleId :

PB83190BS

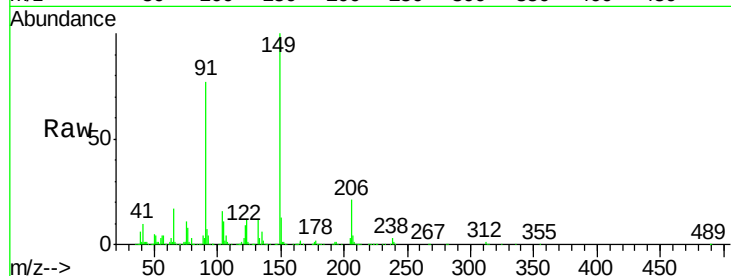
Tgt Ion:149 Resp: 481708

Ion Ratio Lower Upper

149 100

91 77.4 60.6 91.0

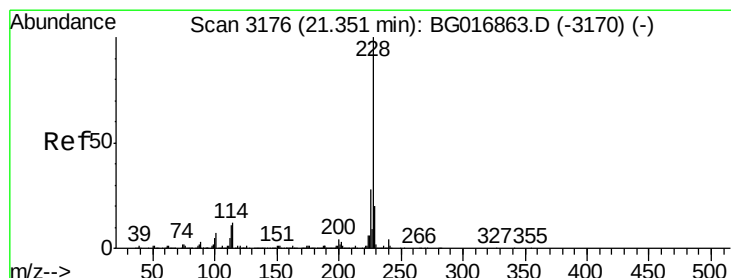
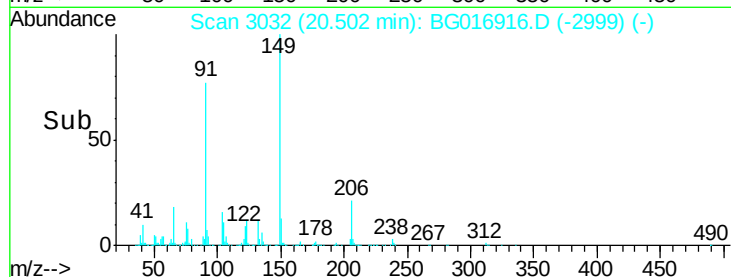
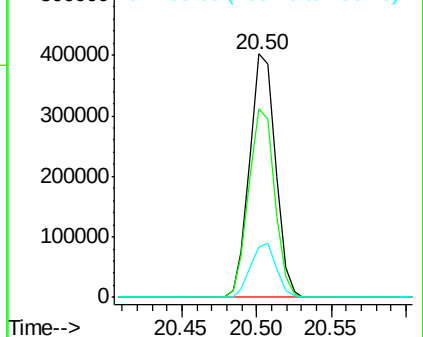
206 20.6 18.4 27.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 29.66 ng

RT: 21.35 min Scan# 3176

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

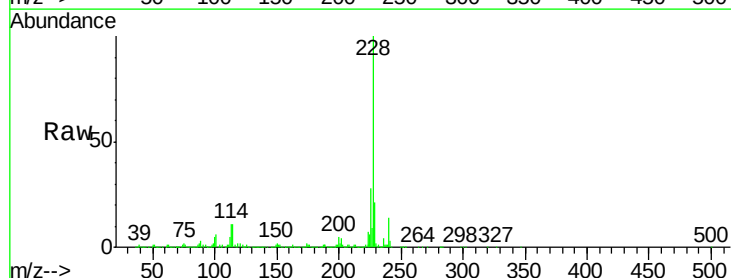
Tgt Ion:228 Resp: 913790

Ion Ratio Lower Upper

228 100

226 27.8 22.7 34.1

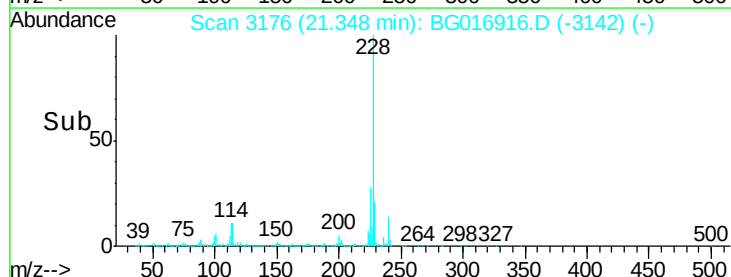
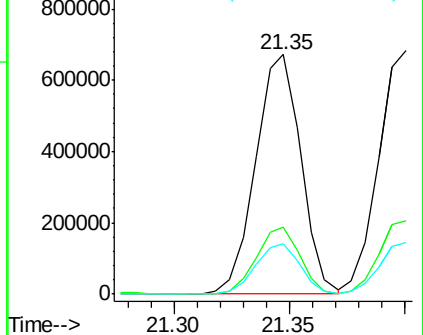
229 20.8 16.1 24.1

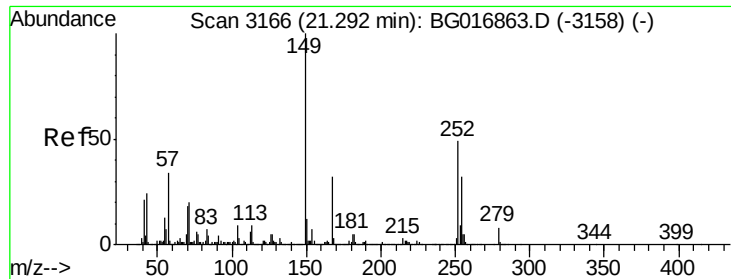


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

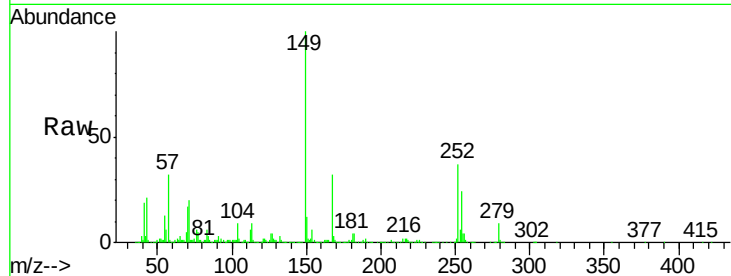




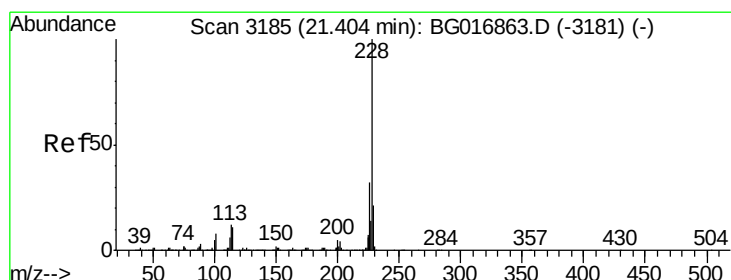
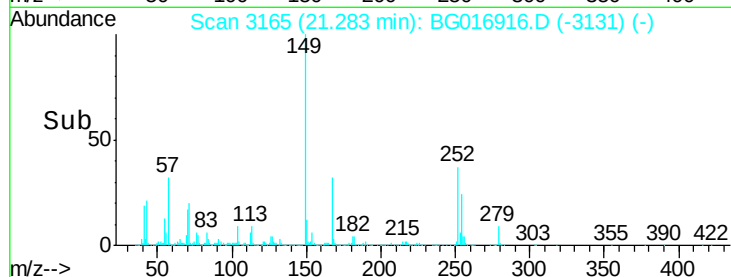
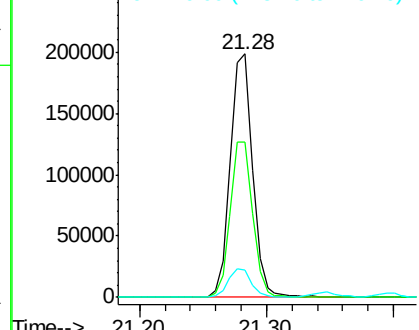
#81
 3,3'-Dichlorobenzidine
 Concen: 20.09 ng
 RT: 21.28 min Scan# 3165
 Delta R.T. -0.00 min
 Lab File: BG016916.D
 Acq: 7 May 2015 10:48

Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

Tgt Ion:252 Resp: 241740
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.7 77.5
 126 11.3 8.9 13.3

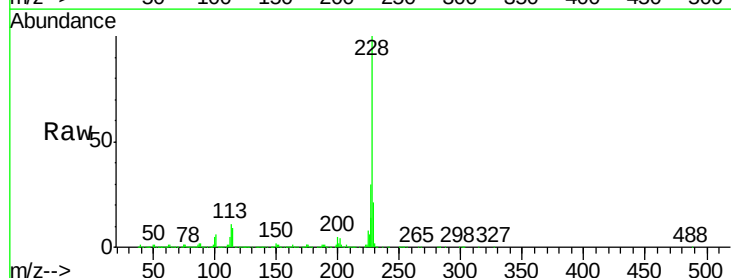


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

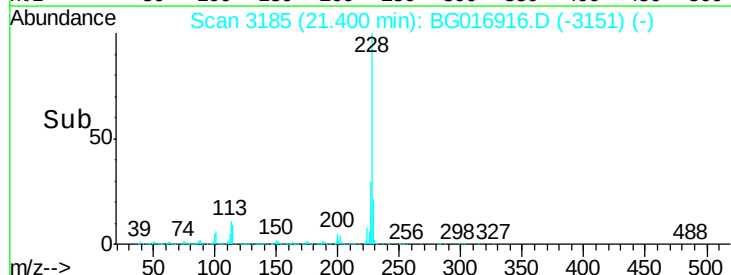
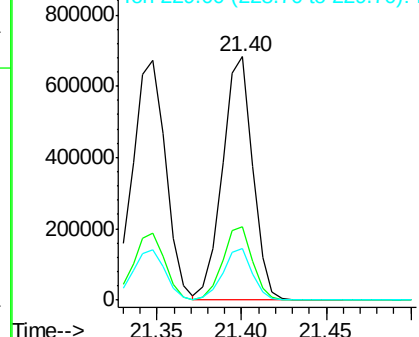


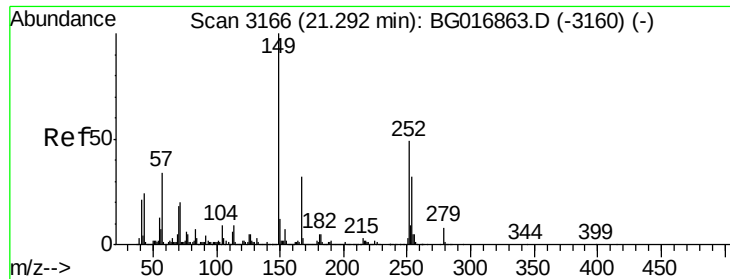
#82
 Chrysene
 Concen: 29.43 ng
 RT: 21.40 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: BG016916.D
 Acq: 7 May 2015 10:48

Tgt Ion:228 Resp: 849217
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.4 38.0
 229 21.1 16.5 24.7



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

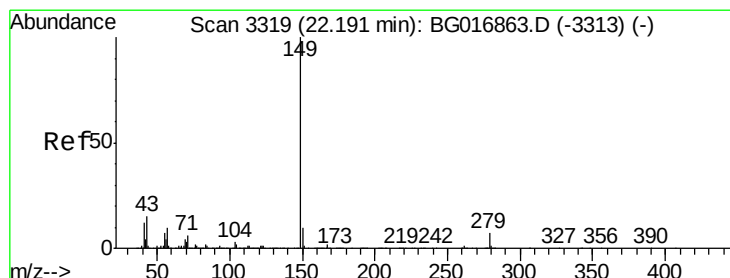
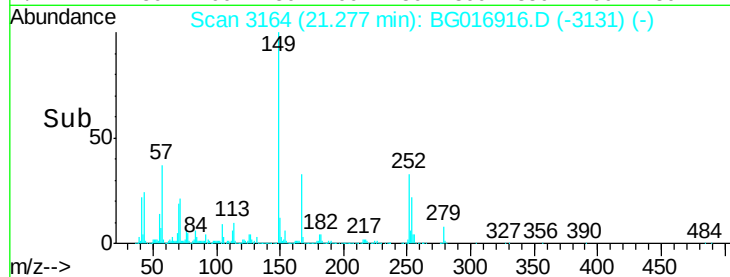
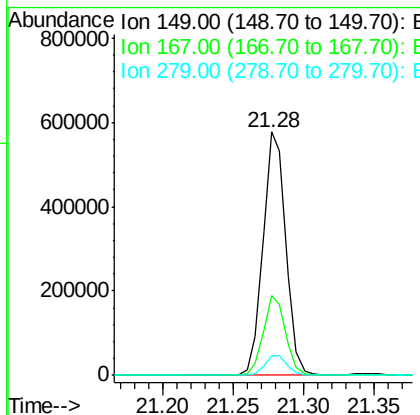
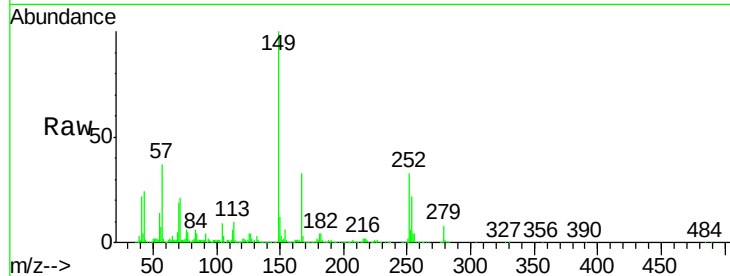




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.81 ng
 RT: 21.28 min Scan# 3164
 Delta R.T. -0.01 min
 Lab File: BG016916.D
 Acq: 7 May 2015 10:48

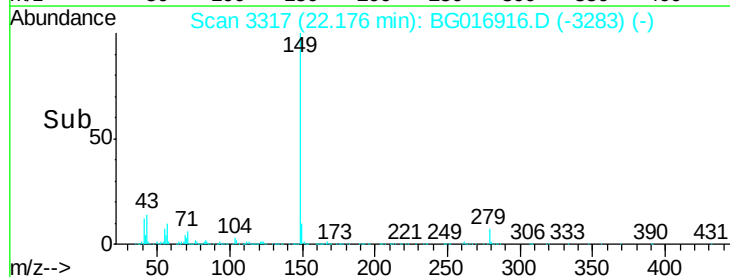
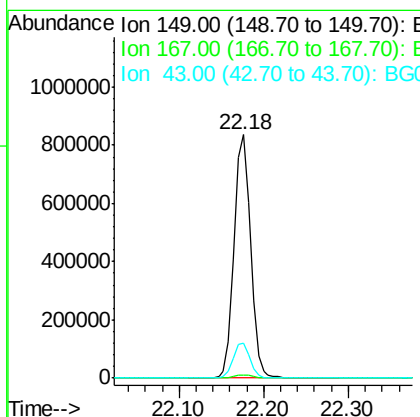
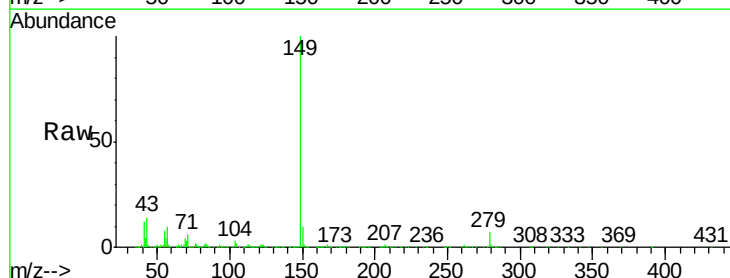
Instrument :
 BNA_G
 ClientSampleId :
 PB83190BS

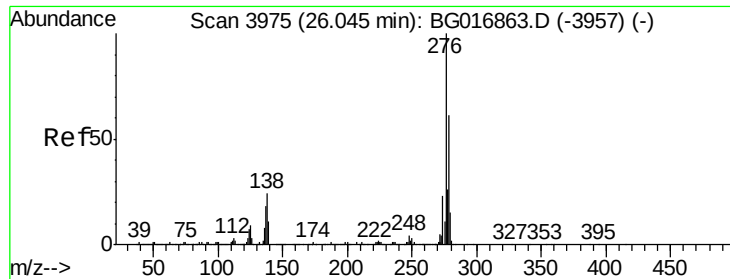
Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.5	25.4	38.0
279	8.3	6.4	9.6



#84
 Di-n-octyl phthalate
 Concen: 30.06 ng
 RT: 22.18 min Scan# 3317
 Delta R.T. -0.00 min
 Lab File: BG016916.D
 Acq: 7 May 2015 10:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	0.0	0.0#
43	14.4	0.0	0.0#





#85

Indeno(1,2,3-cd)pyrene

Concen: 29.15 ng

RT: 26.02 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

BNA_G

ClientSampleId :

PB83190BS

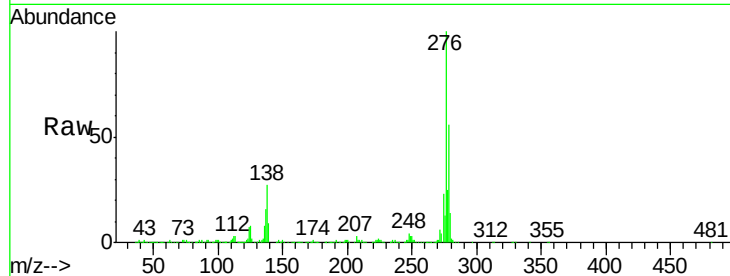
Tgt Ion:276 Resp: 1002541

Ion Ratio Lower Upper

276 100

138 27.7 0.0 0.0#

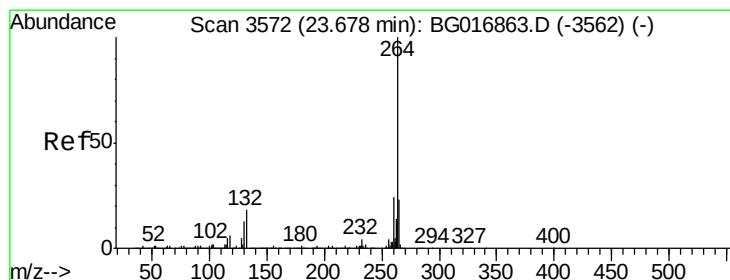
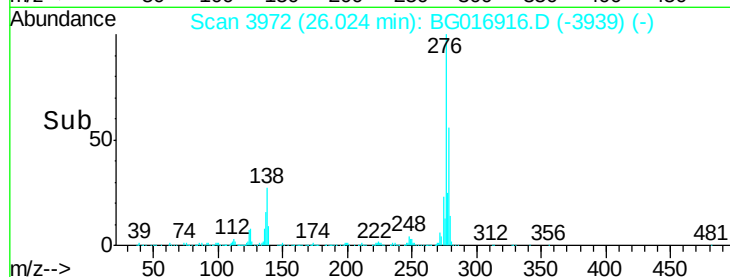
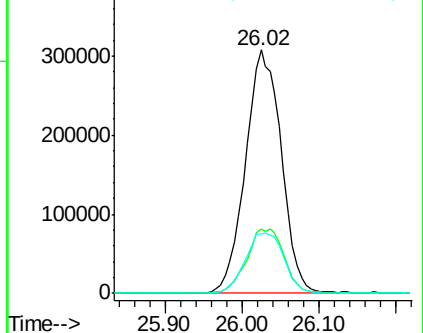
277 26.8 0.0 0.0#



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: 23.66 min Scan# 3570

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

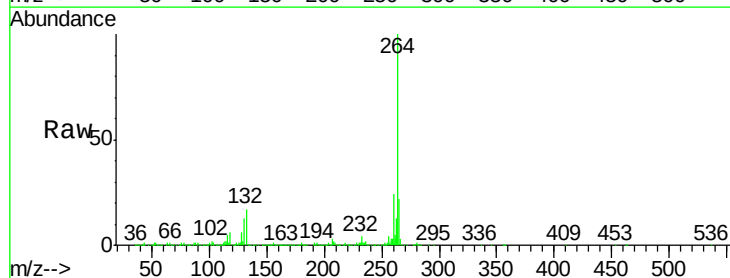
Tgt Ion:264 Resp: 569319

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

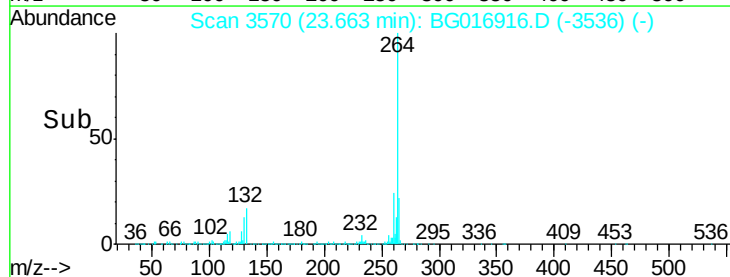
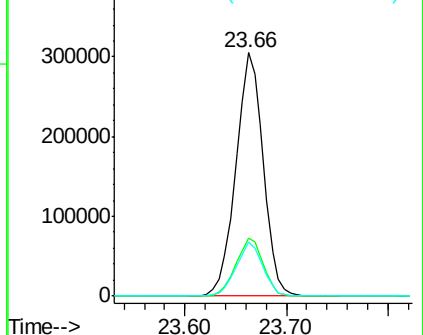
265 22.2 18.5 27.7

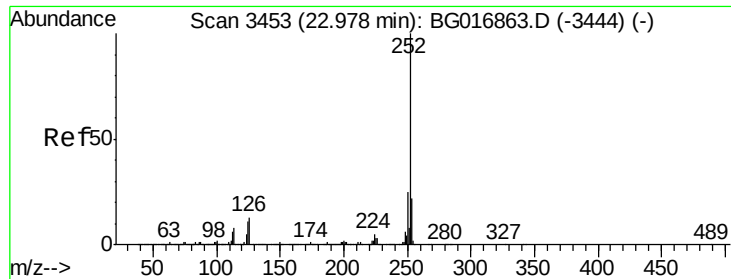


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 29.37 ng

RT: 22.97 min Scan# 3452

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

BNA_G

ClientSampleId :

PB83190BS

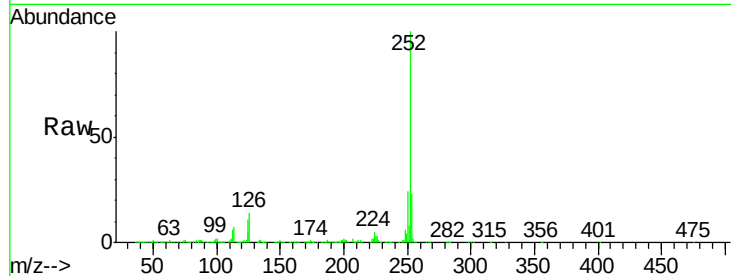
Tgt Ion:252 Resp: 931532

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

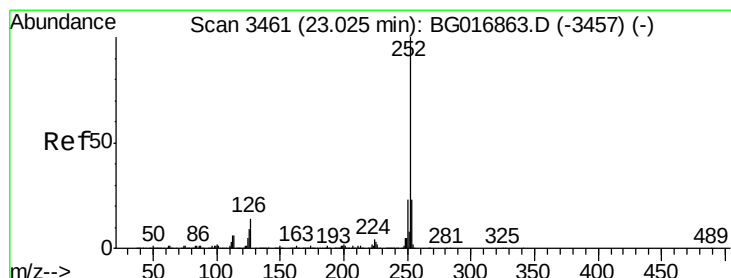
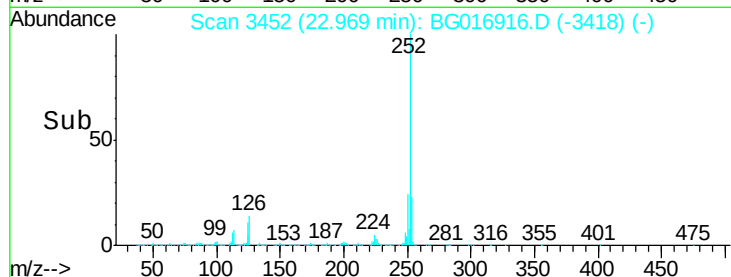
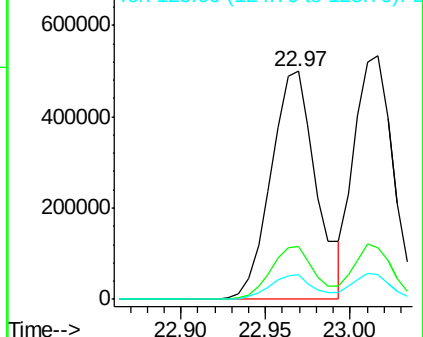
125 10.6 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 27.93 ng

RT: 23.02 min Scan# 3460

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

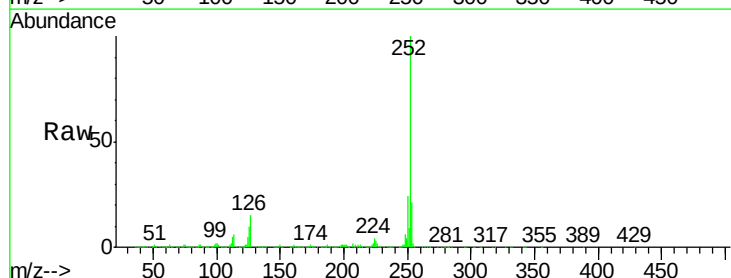
Tgt Ion:252 Resp: 852223

Ion Ratio Lower Upper

252 100

253 21.3 18.4 27.6

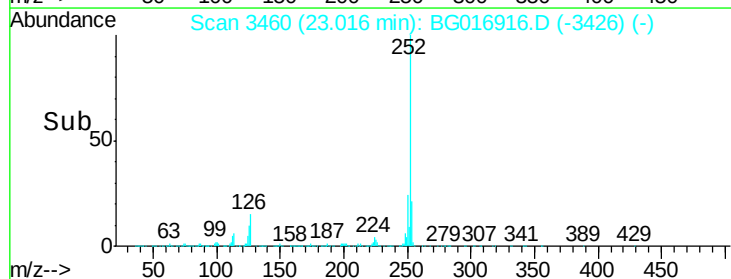
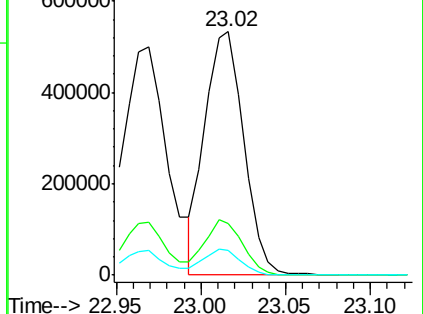
125 10.1 7.9 11.9

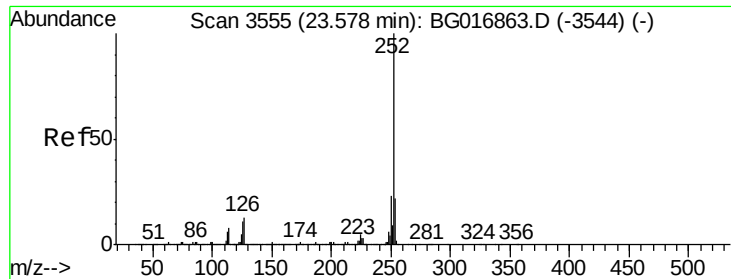


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 29.28 ng

RT: 23.56 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

BNA_G

ClientSampleId :

PB83190BS

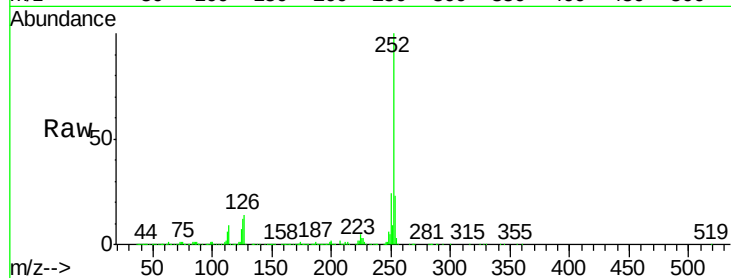
Tgt Ion:252 Resp: 865966

Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

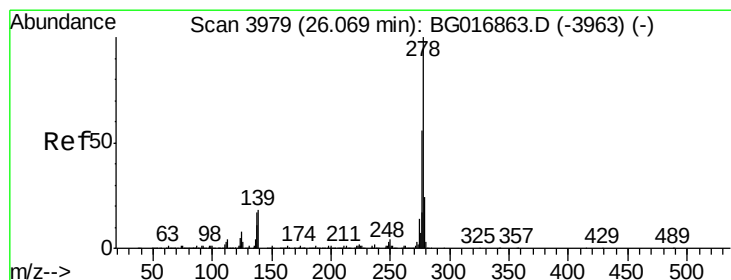
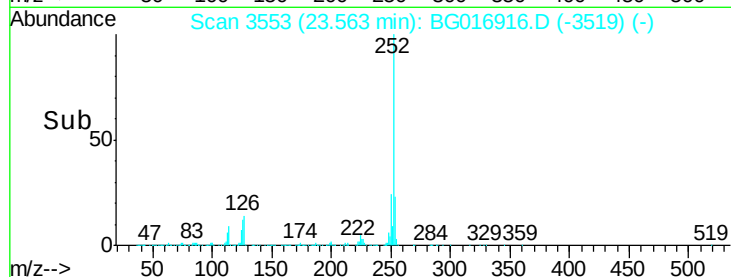
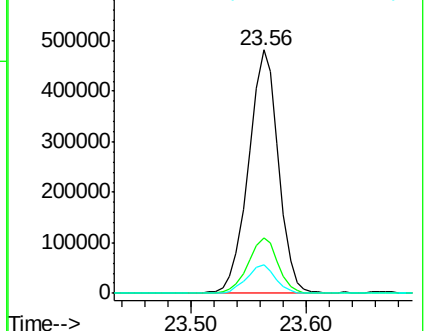
125 11.8 8.5 12.7



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# 3976

Delta R.T. -0.00 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

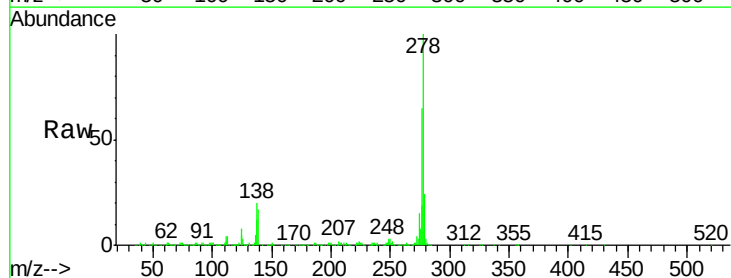
Tgt Ion:278 Resp: 863594

Ion Ratio Lower Upper

278 100

139 17.1 14.2 21.2

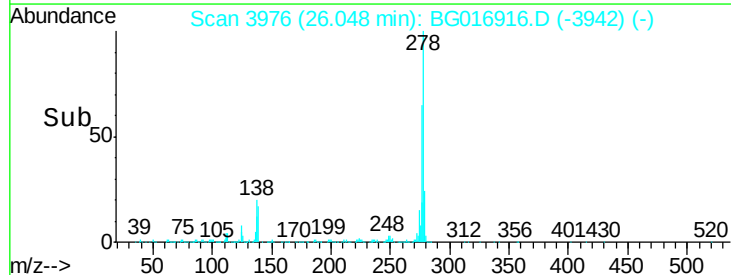
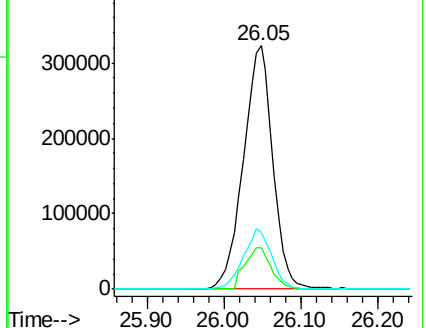
279 23.6 18.9 28.3

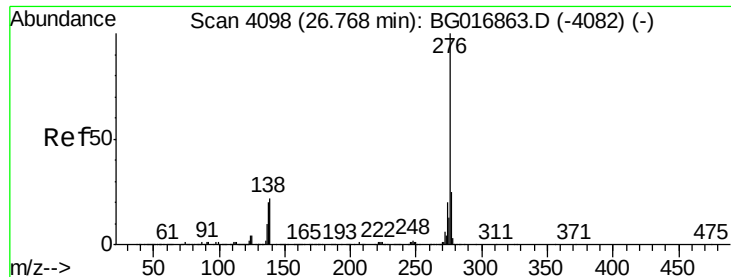


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 28.96 ng

RT: 26.75 min Scan# 4096

Delta R.T. -0.01 min

Lab File: BG016916.D

Acq: 7 May 2015 10:48

Instrument :

BNA_G

ClientSampleId :

PB83190BS

Tgt Ion: 276 Resp: 832967

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 22.8 17.5 26.3

