

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
 Data File : BG018756.D
 Acq On : 18 Sep 2015 2:47
 Operator : TP
 Sample : G3685-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-K1-K2-K3-K4MS

Quant Time: Sep 18 04:23:17 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 03:41:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	43021	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	193580	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	136729	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	357188	20.00	ng	0.00
75) Chrysene-d12	21.63	240	363770	20.00	ng	0.00
86) Perylene-d12	24.82	264	372588	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	398557	160.04	ng	0.00
7) Phenol-d6	7.17	99	578076	161.89	ng	0.00
23) Nitrobenzene-d5	9.16	82	328284	94.90	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	293597	159.47	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	900299	91.41	ng	0.00
78) Terphenyl-d14	19.98	244	1371656	99.02	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.47	88	36165	34.74	ng	# 100
3) Pyridine	3.87	79	100481	31.14	ng	95
4) n-Nitrosodimethylamine	3.78	42	45292	40.31	ng	# 78
6) Aniline	7.33	93	139595	28.37	ng	98
8) 2-Chlorophenol	7.57	128	153738	53.46	ng	92
9) Benzaldehyde	7.14	77	58613	30.49	ng	94
10) Phenol	7.20	94	211648	56.11	ng	96
11) bis(2-Chloroethyl)ether	7.42	93	142264	48.67	ng	98
12) 1,3-Dichlorobenzene	7.89	146	154822	46.27	ng	96
13) 1,4-Dichlorobenzene	8.04	146	155614	46.38	ng	99
14) 1,2-Dichlorobenzene	8.35	146	153068	47.78	ng	98
15) Benzyl Alcohol	8.24	79	133686	51.94	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	160849	48.45	ng	99
17) 2-Methylphenol	8.44	107	141848	54.12	ng	99
18) Hexachloroethane	9.09	117	53288	44.42	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	115915	46.09	ng	95
20) 3+4-Methylphenols	8.77	107	203237	55.22	ng	95
22) Acetophenone	8.82	105	233420	47.60	ng	# 98
24) Nitrobenzene	9.21	77	168991	46.00	ng	99
25) Isophorone	9.72	82	339575	45.64	ng	98
26) 2-Nitrophenol	9.91	139	90289	52.68	ng	99
27) 2,4-Dimethylphenol	9.98	122	162232	52.13	ng	99
28) bis(2-Chloroethoxy)methane	10.20	93	209448	49.03	ng	97
29) 2,4-Dichlorophenol	10.45	162	177310	56.38	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	170965	49.05	ng	93
31) Naphthalene	10.86	128	497086	47.95	ng	99
32) Benzoic acid	10.10	122	79744	33.70	ng	87
33) 4-Chloroaniline	10.96	127	81528	17.38	ng	99
34) Hexachlorobutadiene	11.14	225	95557	46.50	ng	97
35) Caprolactam	11.74	113	46939	34.71	ng	# 85
36) 4-Chloro-3-methylphenol	12.08	107	200722	57.21	ng	96
37) 2-Methylnaphthalene	12.46	142	384415	50.66	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	201077	46.37	ng	98
40) Hexachlorocyclopentadiene	12.81	237	190173	87.32	ng	98

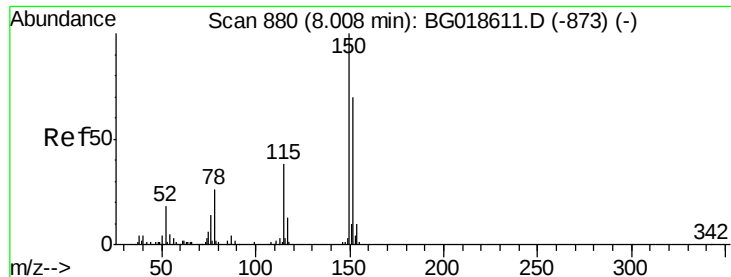
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	156417	52.08	nq	97
43) 2,4,5-Trichlorophenol	13.14	196	175387	53.24	nq	97
45) 1,1'-Biphenyl	13.46	154	514602	47.33	nq	100
46) 2-Chloronaphthalene	13.51	162	408306	48.74	nq	98
47) 2-Nitroaniline	13.71	65	121742	48.30	nq	88
48) Acenaphthylene	14.35	152	716980	48.42	nq	97
49) Dimethylphthalate	14.08	163	775168	68.46	nq	100
50) 2,6-Dinitrotoluene	14.20	165	125342	50.95	nq	96
51) Acenaphthene	14.69	154	416703	48.37	nq	97
52) 3-Nitroaniline	14.53	138	86585	29.46	nq	92
53) 2,4-Dinitrophenol	14.74	184	88260	71.76	nq	98
54) Dibenzofuran	15.03	168	678673	50.69	nq	100
55) 4-Nitrophenol	14.85	139	225045	99.16	nq	96
56) 2,4-Dinitrotoluene	14.99	165	180950	51.87	nq	95
57) Fluorene	15.67	166	568266	49.30	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.25	232	162310	52.54	nq	99
59) Diethylphthalate	15.45	149	561152	47.52	nq	99
60) 4-Chlorophenyl-phenylether	15.66	204	280430	50.63	nq	95
61) 4-Nitroaniline	15.70	138	143750	45.36	nq	96
62) Azobenzene	15.96	77	507275	48.61	nq	97
64) 4,6-Dinitro-2-methylphenol	15.75	198	84054	44.16	nq	97
65) n-Nitrosodiphenylamine	15.88	169	507534	49.06	nq	99
66) 4-Bromophenyl-phenylether	16.56	248	184912	50.90	nq	98
67) Hexachlorobenzene	16.68	284	206222	52.25	nq	99
68) Atrazine	16.83	200	202651	49.27	nq	99
69) Pentachlorophenol	17.03	266	242936	99.80	nq	97
70) Phenanthrene	17.41	178	920804	49.01	nq	100
71) Anthracene	17.50	178	940036	49.41	nq	99
72) Carbazole	17.77	167	871418	47.33	nq	100
73) Di-n-butylphthalate	18.32	149	1026067	47.25	nq	99
74) Fluoranthene	19.42	202	1074789	46.19	nq	98
76) Benzidine	19.60	184	252570	23.12	nq	97
77) Pyrene	19.78	202	1100323	49.22	nq	100
79) Butylbenzylphthalate	20.66	149	460141	50.63	nq	99
80) Benzo(a)anthracene	21.61	228	1041591	49.73	nq	98
81) 3,3'-Dichlorobenzidine	21.53	252	246600	30.99	nq	98
82) Chrysene	21.68	228	938735	47.60	nq	99
83) Bis(2-ethylhexyl)phthalate	21.51	149	666170	50.81	nq	98
84) Di-n-octyl phthalate	22.71	149	1145195	51.64	nq	100
85) Indeno(1,2,3-cd)pyrene	28.45	276	1227649	49.02	nq	# 100
87) Benzo(b)fluoranthene	23.81	252	1102454	51.02	nq	97
88) Benzo(k)fluoranthene	23.88	252	1035251	47.83	nq	99
89) Benzo(a)pyrene	24.67	252	1055445	51.34	nq	99
90) Dibenzo(a,h)anthracene	28.51	278	1004148	49.60	nq	99
91) Benzo(g,h,i)perylene	29.60	276	1008328	48.91	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.00 min Scan# 879

Delta R.T. 0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-K1-K2-K3-K4MS

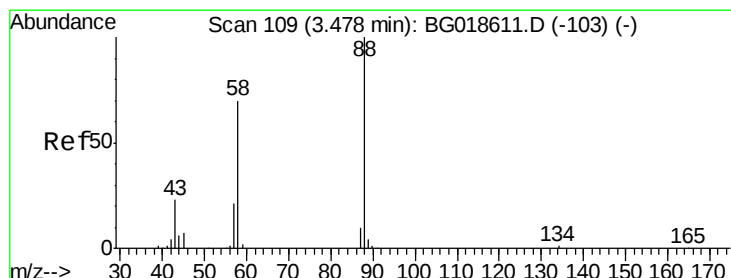
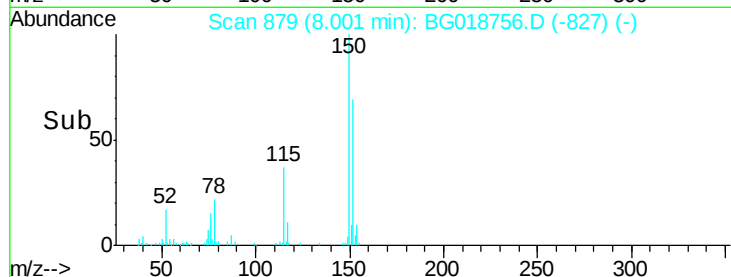
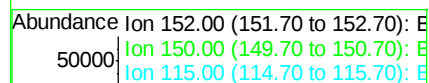
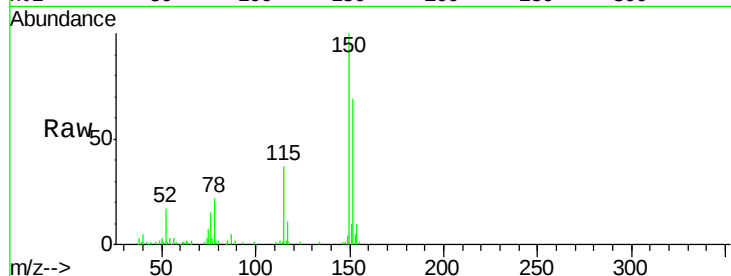
Tot Ion:152 Resp: 43021

Ion Ratio Lower Upper

152 100

150 145.2 115.0 172.4

115 53.8 43.9 65.9



#2

1,4-Dioxane

Concen: 34.74 ng

RT: 3.47 min Scan# 108

Delta R.T. -0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

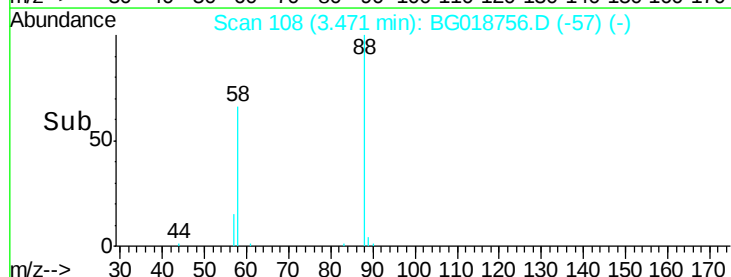
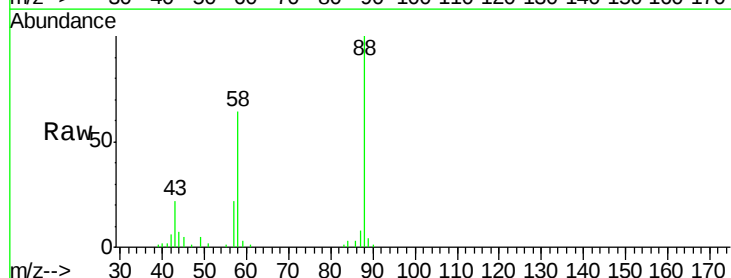
Tgt Ion: 88 Resp: 36165

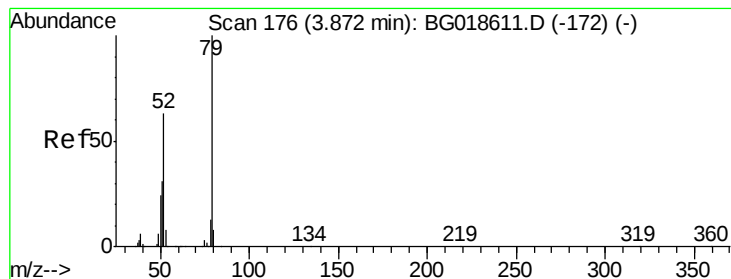
Ion Ratio Lower Upper

88 100

58 63.0 0.0 0.0#

43 20.1 0.0 0.0#





#3

Pvridine

Concen: 31.14 ng

RT: 3.87 min Scan# 175

Delta R.T. -0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-K1-K2-K3-K4MS

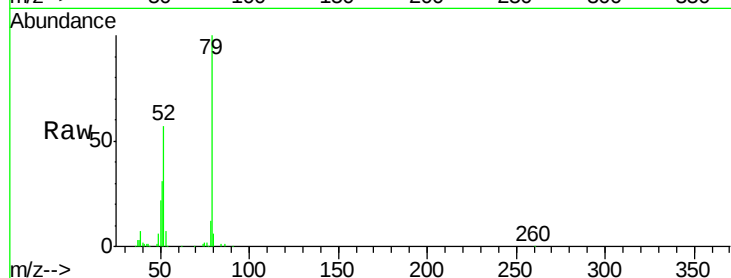
Tot Ion: 79 Resp: 100481

Ion Ratio Lower Upper

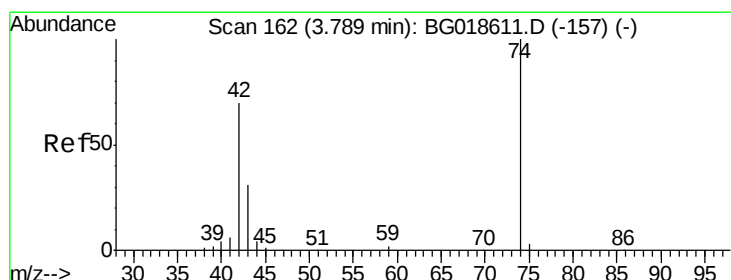
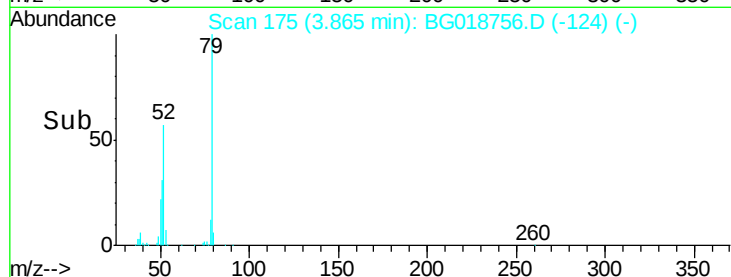
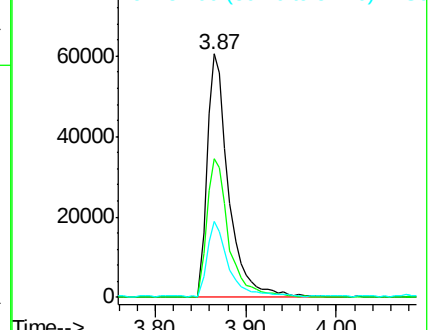
79 100

52 57.0 50.3 75.5

51 31.2 24.8 37.2



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: 40.31 ng

RT: 3.78 min Scan# 160

Delta R.T. -0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

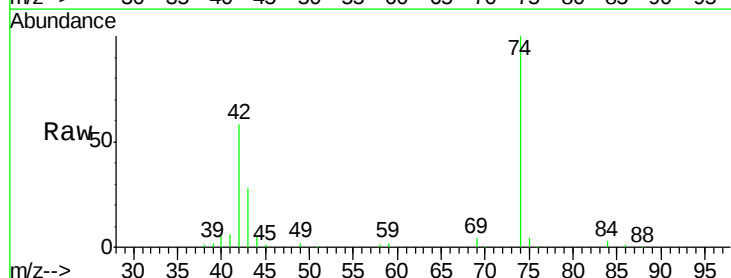
Tgt Ion: 42 Resp: 45292

Ion Ratio Lower Upper

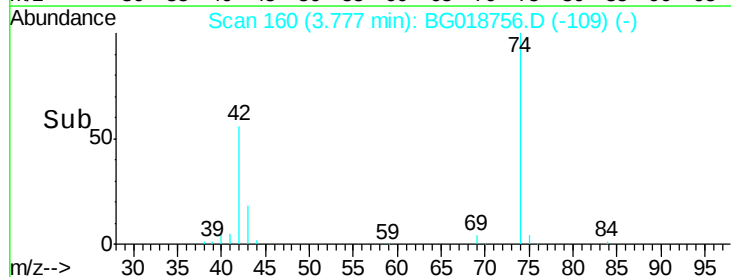
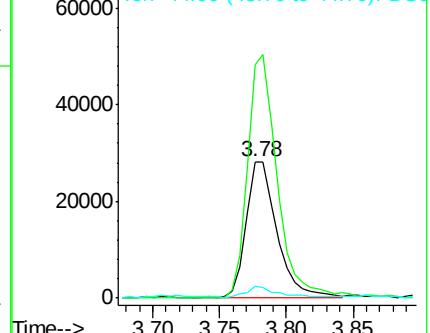
42 100

74 171.0 113.9 170.9#

44 8.5 5.7 8.5



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: 160.04 ng

RT: 5.57 min Scan# 466

Delta R.T. 0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

Instrument :

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ClientSampleId :

FK-BPM-02-K1-K2-K3-K4MS

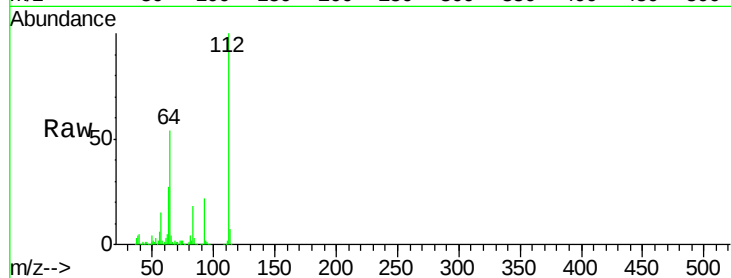
Tot Ion:112 Resp: 398557

Ion Ratio Lower Upper

112 100

64 54.1 43.7 65.5

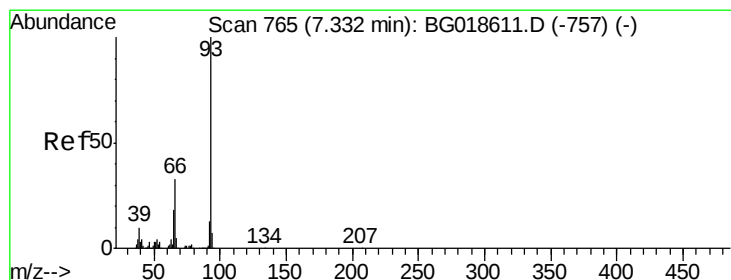
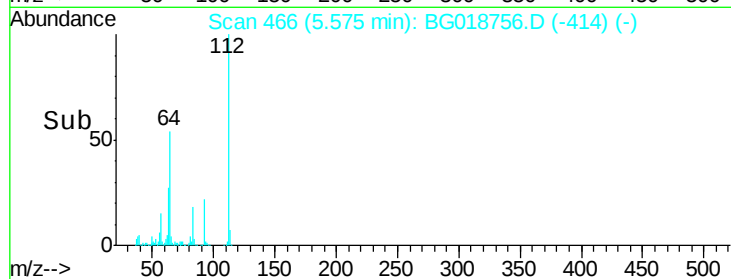
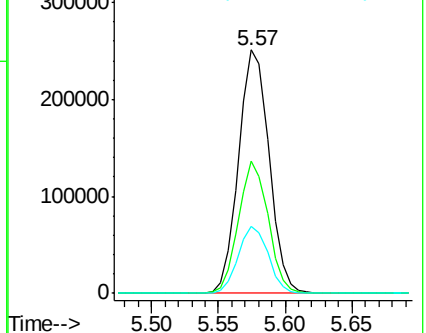
63 27.4 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.37 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

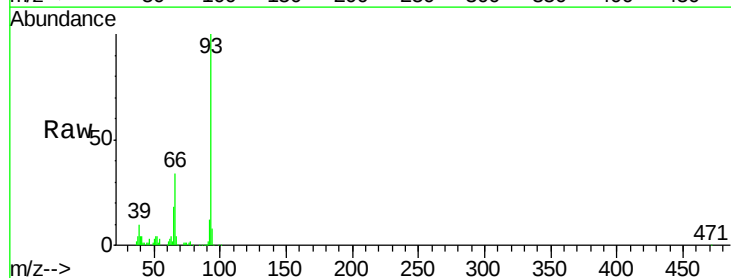
Tgt Ion: 93 Resp: 139595

Ion Ratio Lower Upper

93 100

66 34.3 26.2 39.2

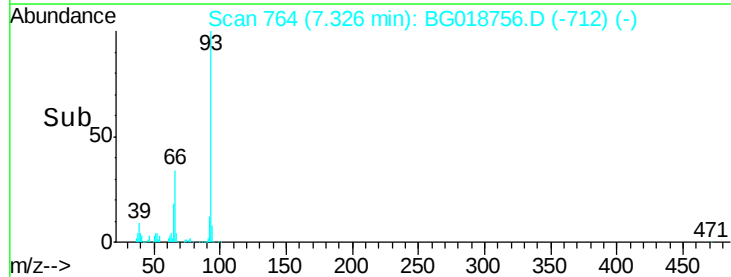
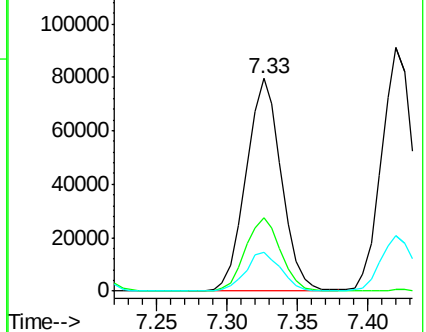
65 18.1 14.0 21.0

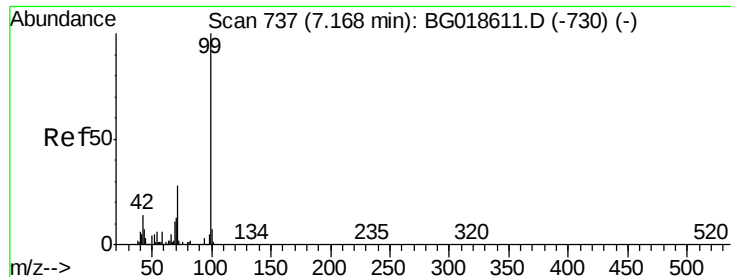


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 161.89 ng

RT: 7.17 min Scan# 738

Delta R.T. 0.01 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

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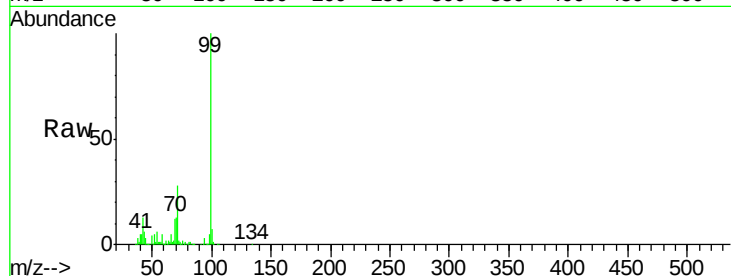
Tot Ion: 99 Resp: 578076

Ion Ratio Lower Upper

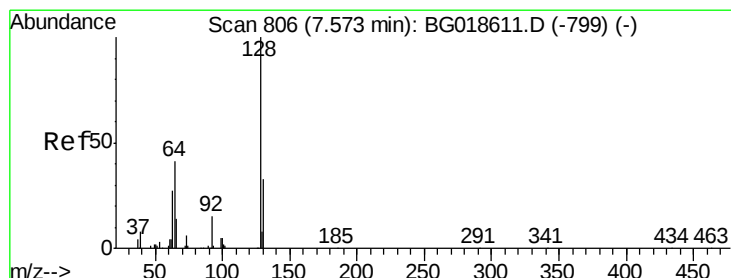
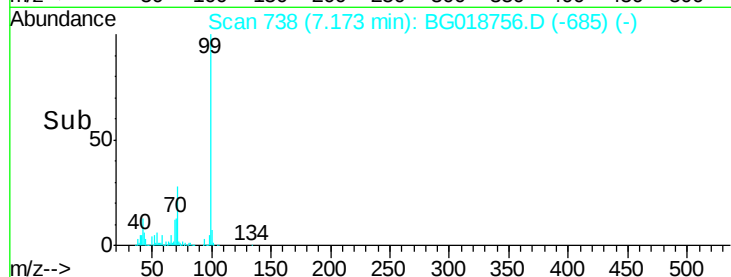
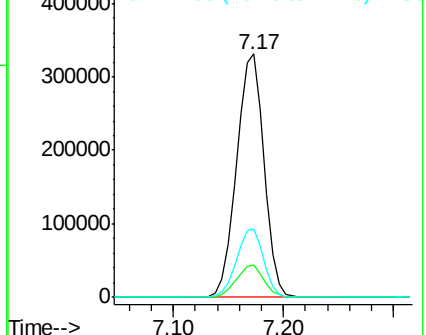
99 100

42 13.3 11.5 17.3

71 28.3 22.6 34.0



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: 53.46 ng

RT: 7.57 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

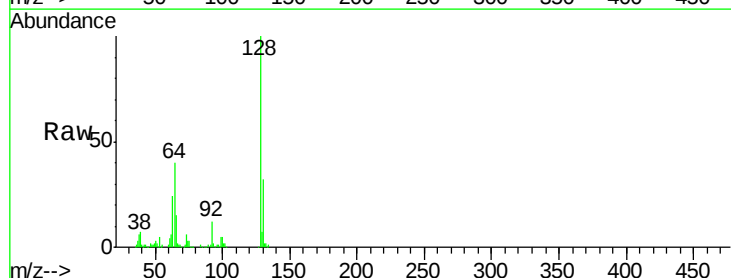
Tgt Ion: 128 Resp: 153738

Ion Ratio Lower Upper

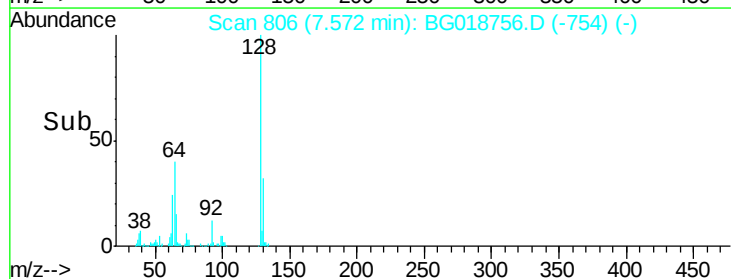
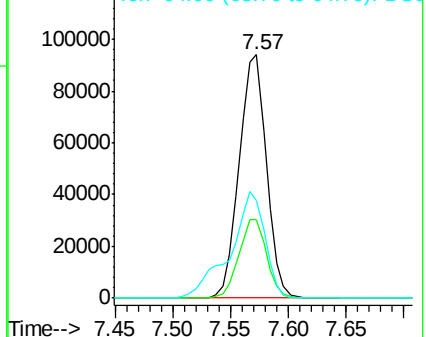
128 100

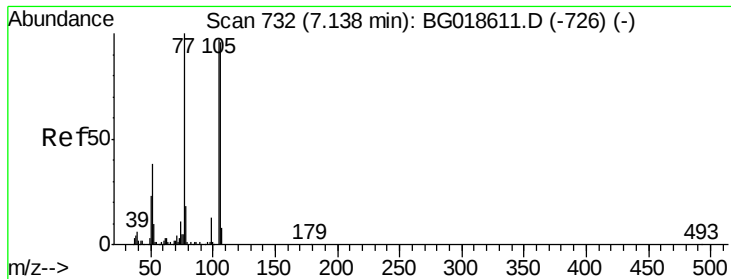
130 32.1 13.0 53.0

64 39.9 28.2 68.2



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: 30.49 ng

RT: 7.14 min Scan# 732

Delta R.T. 0.00 min

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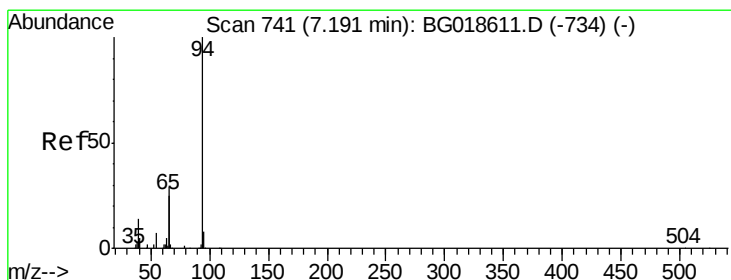
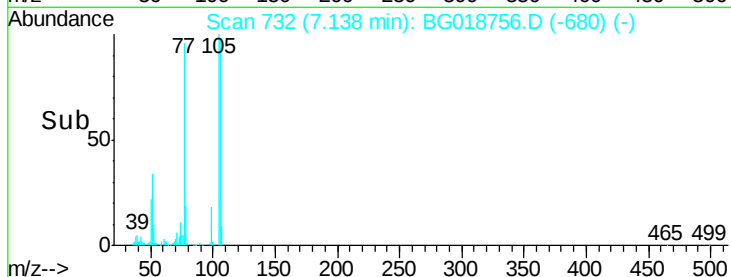
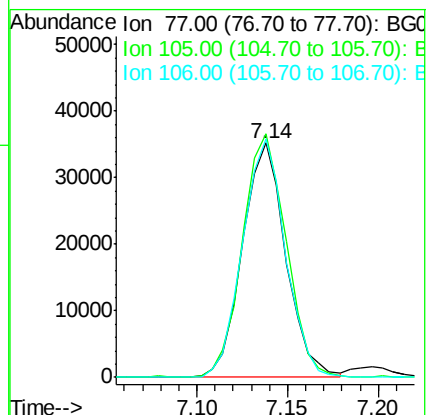
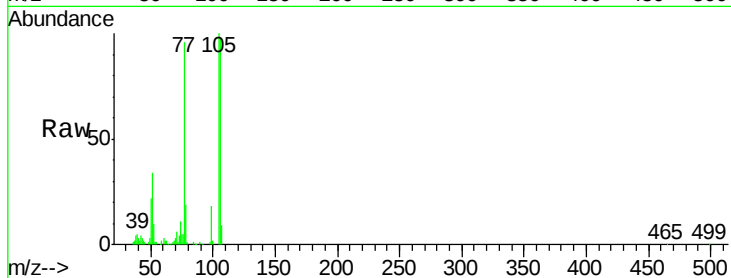
Tot Ion: 77 Resp: 58613

Ion Ratio Lower Upper

77 100

105 103.8 77.7 117.7

106 101.9 75.8 115.8



#10

Phenol

Concen: 56.11 ng

RT: 7.20 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

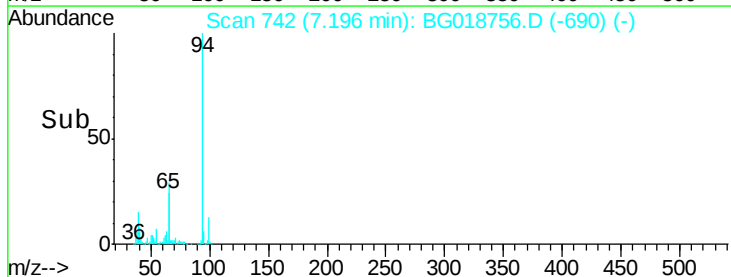
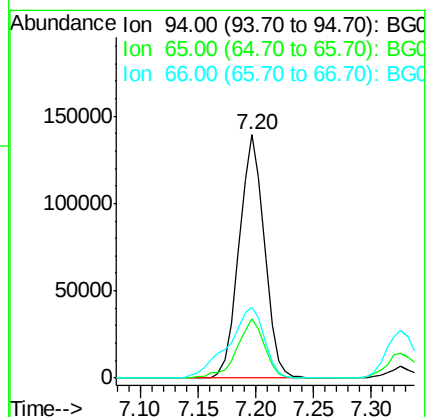
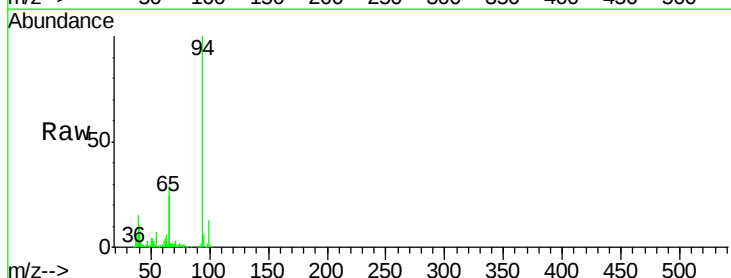
Tgt Ion: 94 Resp: 211648

Ion Ratio Lower Upper

94 100

65 24.1 5.4 45.4

66 29.0 11.8 51.8

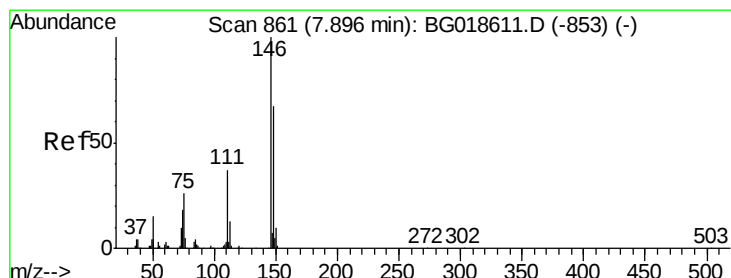
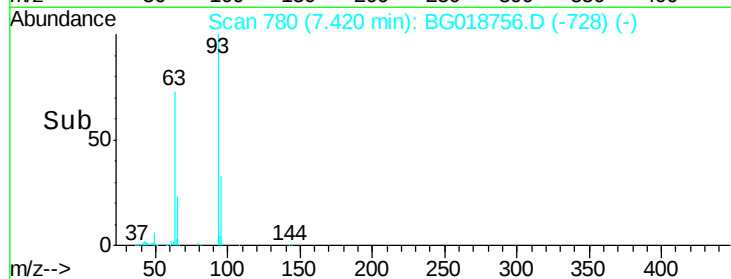
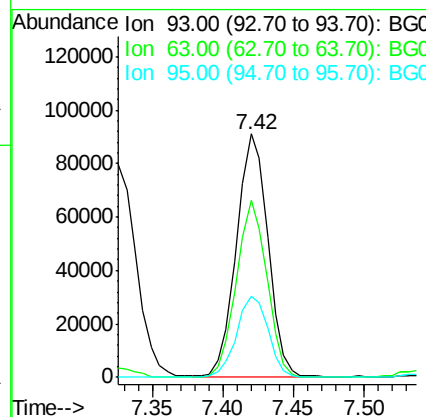
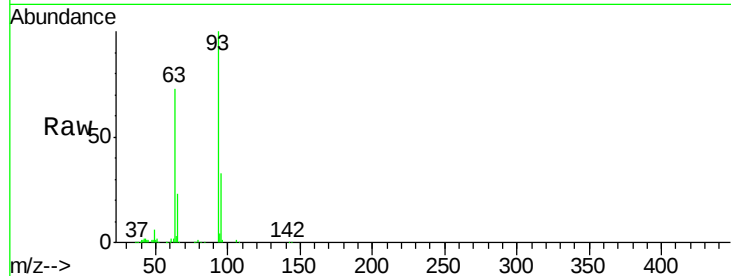




#11
 bis(2-Chloroethyl)ether
 Concen: 48.67 ng
 RT: 7.42 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BG018756.D
 Acq: 18 Sep 2015 2:47

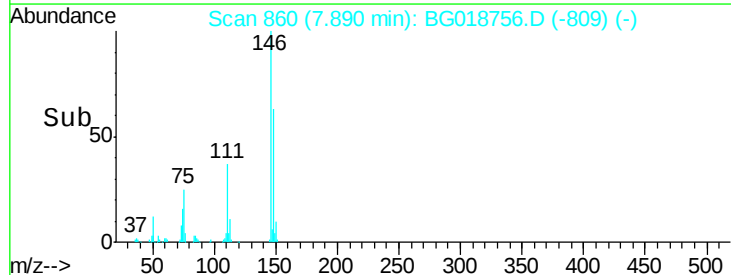
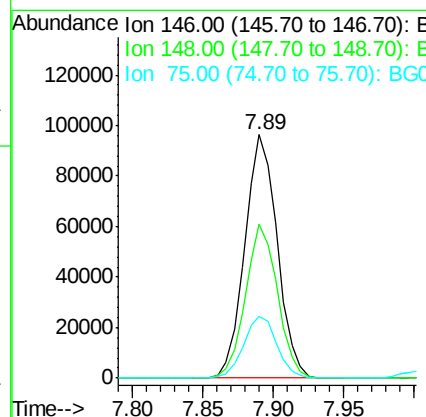
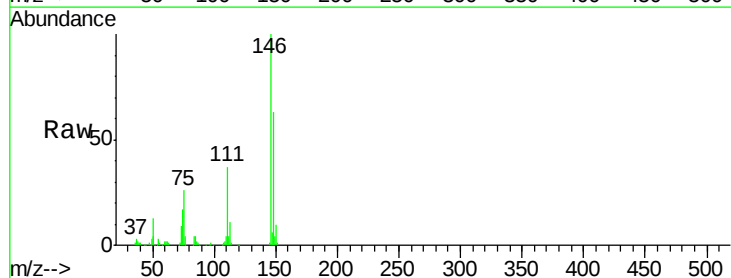
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-K1-K2-K3-K4MS

Tot Ion: 93 Resp: 142264
 Ion Ratio Lower Upper
 93 100
 63 72.7 50.5 90.5
 95 33.1 12.2 52.2



#12
 1,3-Dichlorobenzene
 Concen: 46.27 ng
 RT: 7.89 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BG018756.D
 Acq: 18 Sep 2015 2:47

Tgt Ion: 146 Resp: 154822
 Ion Ratio Lower Upper
 146 100
 148 63.0 53.4 80.0
 75 25.5 21.1 31.7

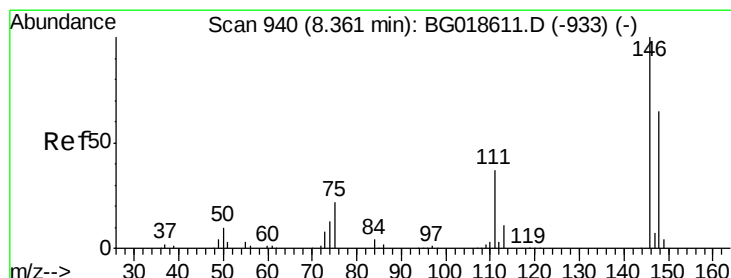
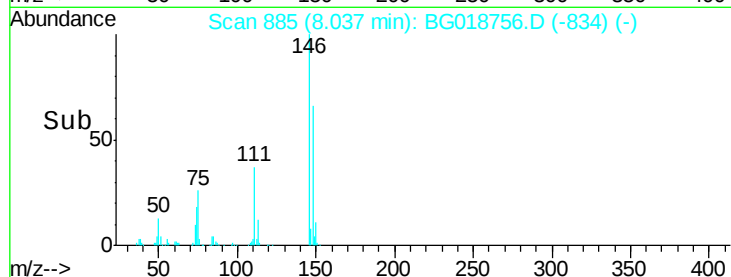
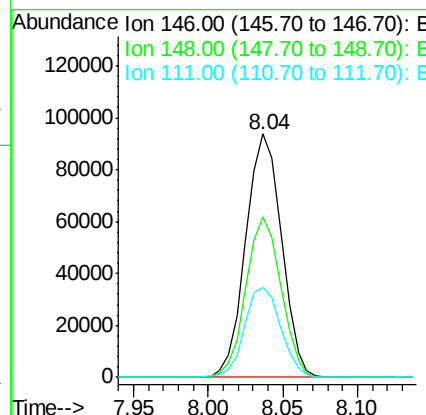
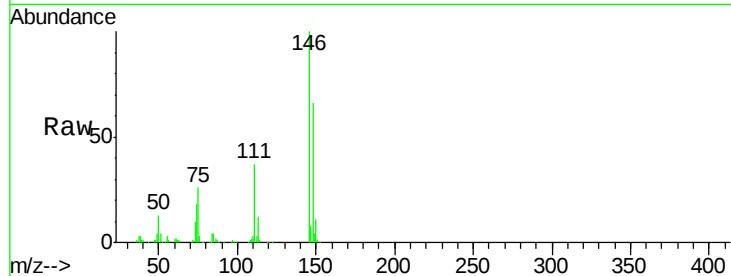




#13
 1,4-Dichlorobenzene
 Concen: 46.38 ng
 RT: 8.04 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BG018756.D
 Acq: 18 Sep 2015 2:47

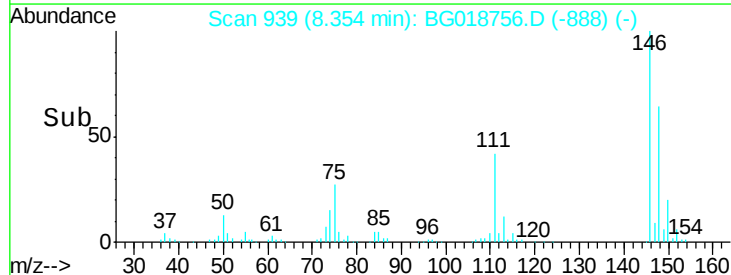
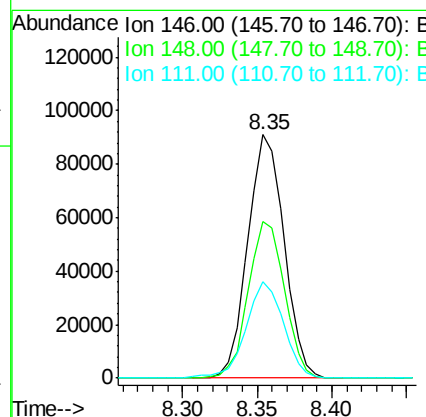
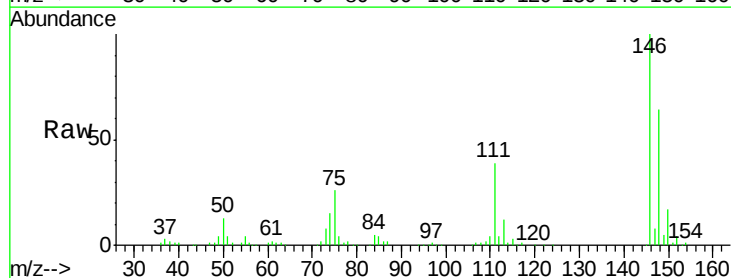
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-K1-K2-K3-K4MS

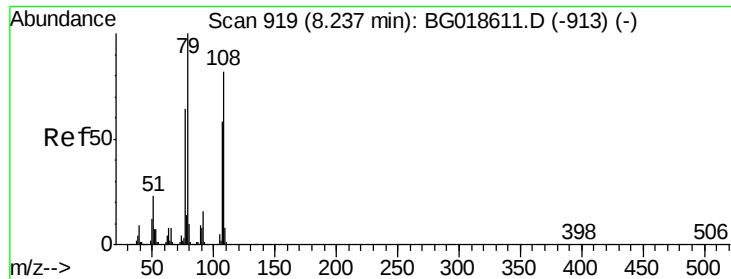
Tot Ion:146 Resp: 155614
 Ion Ratio Lower Upper
 146 100
 148 66.1 52.5 78.7
 111 37.2 28.3 42.5



#14
 1,2-Dichlorobenzene
 Concen: 47.78 ng
 RT: 8.35 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BG018756.D
 Acq: 18 Sep 2015 2:47

Tgt Ion:146 Resp: 153068
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.5 78.7
 111 39.5 29.9 44.9

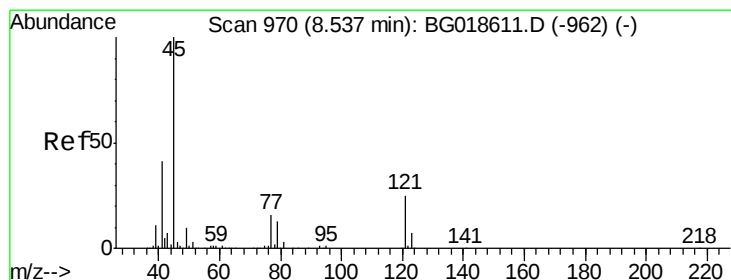
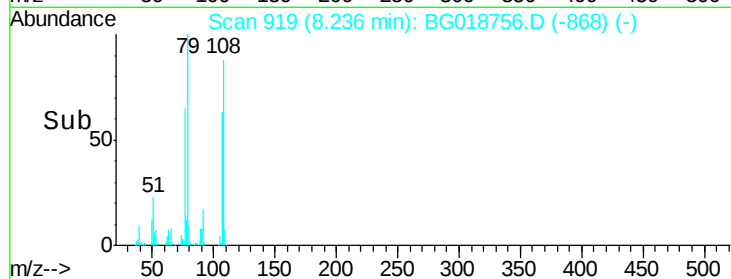
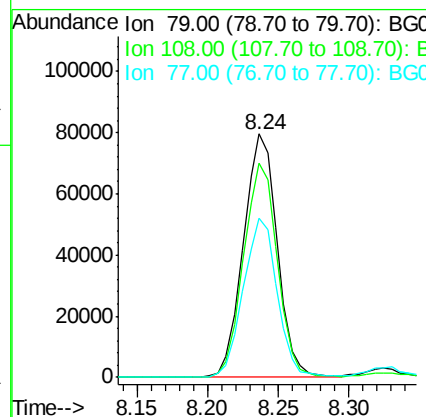
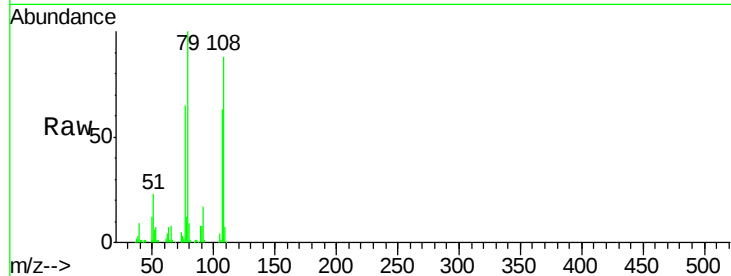




#15
Benzyl Alcohol
Concen: 51.94 ng
RT: 8.24 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

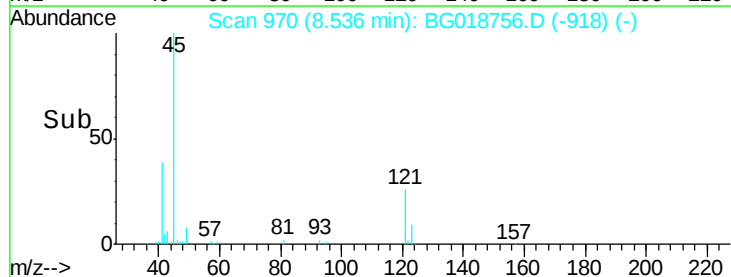
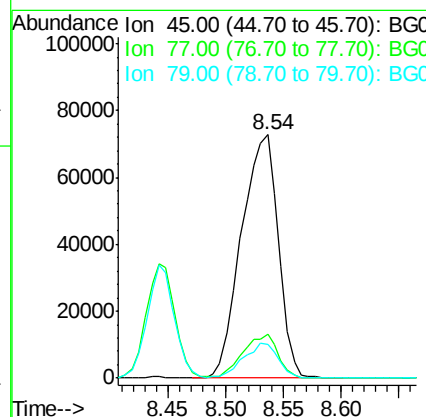
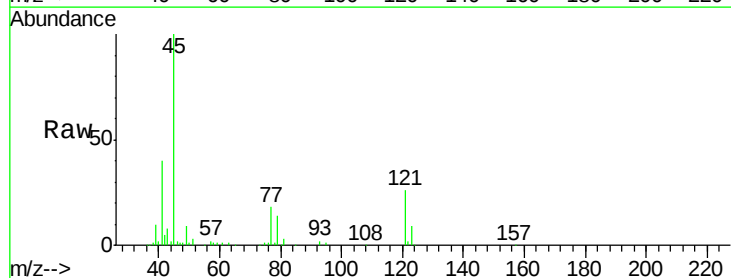
Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-K1-K2-K3-K4MS

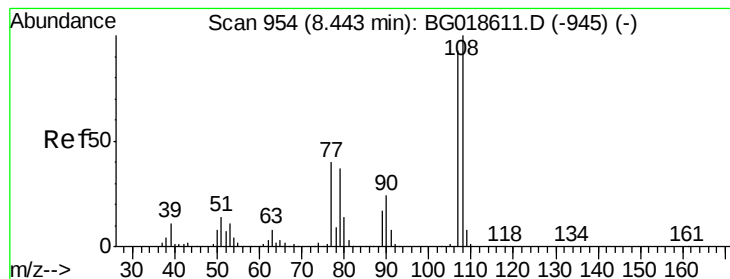
Tot Ion: 79 Resp: 133686
Ion Ratio Lower Upper
79 100
108 87.8 65.5 98.3
77 65.2 51.3 76.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.45 ng
RT: 8.54 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

Tgt Ion: 45 Resp: 160849
Ion Ratio Lower Upper
45 100
77 17.9 0.0 37.0
79 13.8 0.0 33.8





#17

2-Methylphenol

Concen: 54.12 ng

RT: 8.44 min Scan# 954

Delta R.T. 0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-K1-K2-K3-K4MS

Tot Ion:107 Resp: 141848

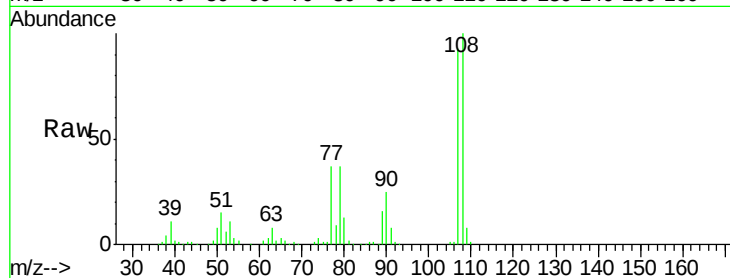
Ion Ratio Lower Upper

107 100

108 107.9 86.5 129.7

77 40.0 34.6 51.8

79 39.7 32.3 48.5

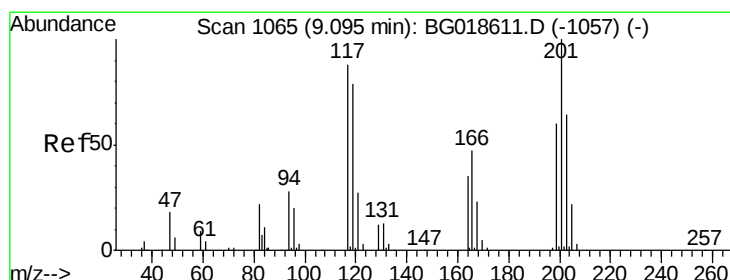
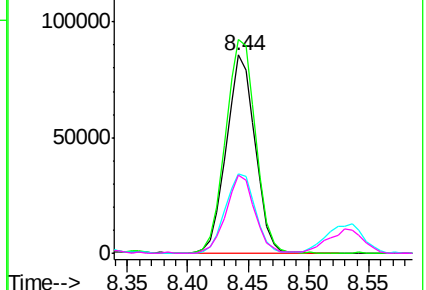
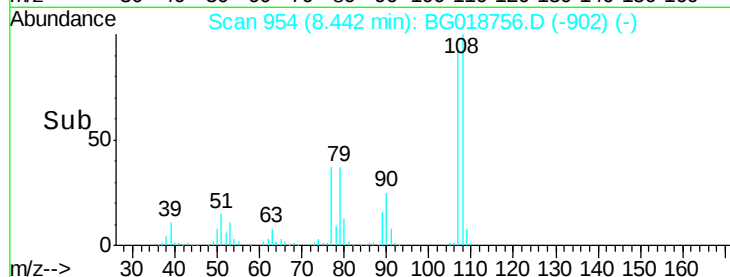


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.42 ng

RT: 9.09 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

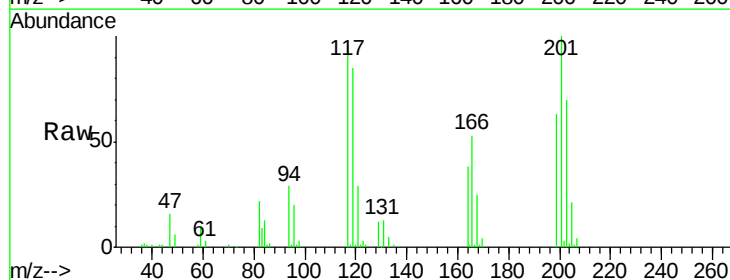
Tgt Ion:117 Resp: 53288

Ion Ratio Lower Upper

117 100

119 88.8 71.7 107.5

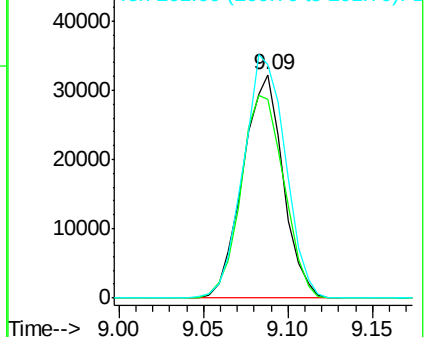
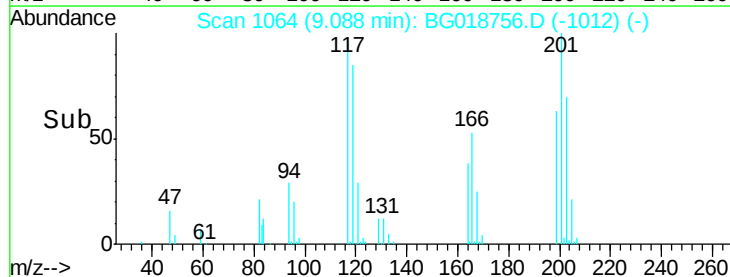
201 104.3 90.9 136.3

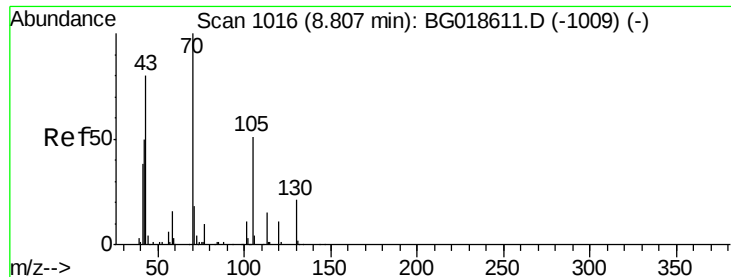


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

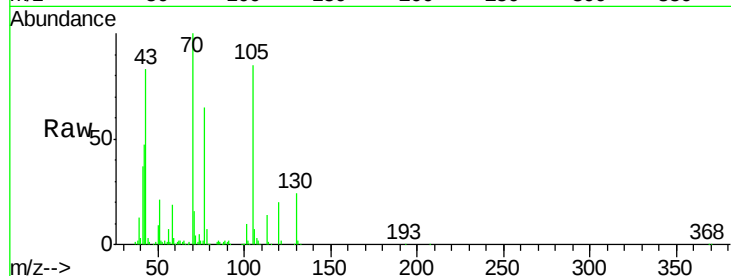




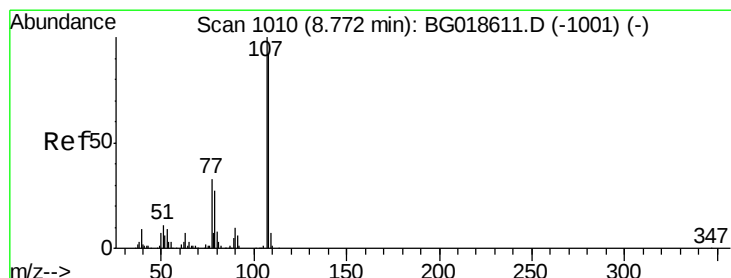
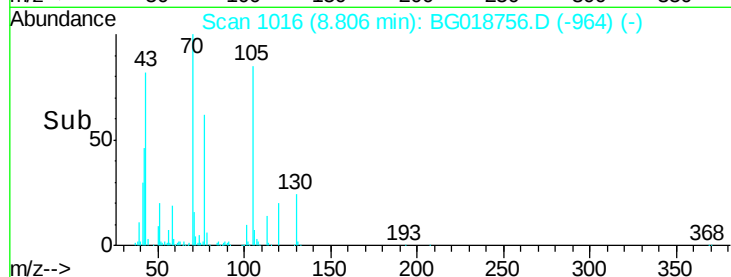
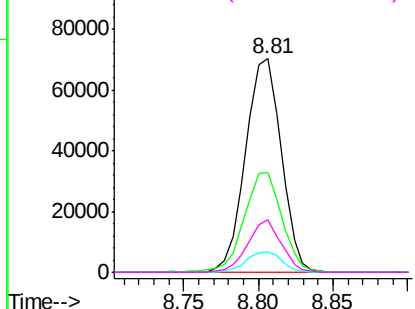
#19
n-Nitroso-di-n-propylamine
Concen: 46.09 ng
RT: 8.81 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-K1-K2-K3-K4MS

Tot Ion: 70 Resp: 115915
Ion Ratio Lower Upper
70 100
42 46.8 40.6 60.8
101 9.8 8.6 13.0
130 24.4 17.0 25.6



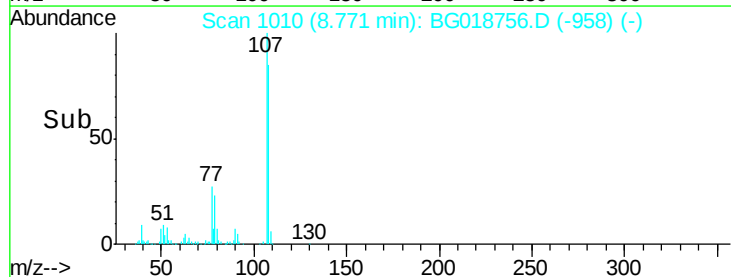
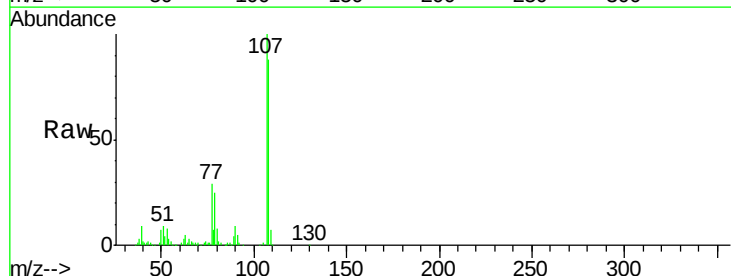
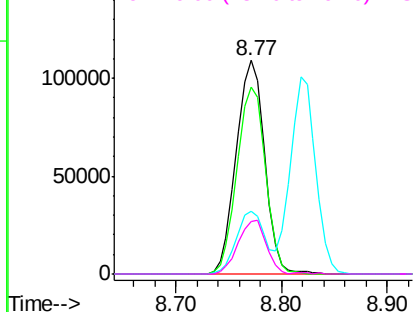
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

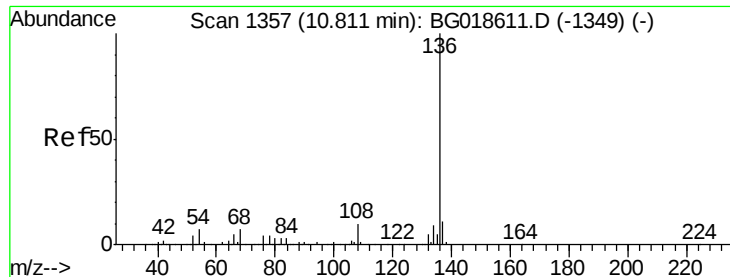


#20
3+4-Methylphenols
Concen: 55.22 ng
RT: 8.77 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

Tgt Ion: 107 Resp: 203237
Ion Ratio Lower Upper
107 100
108 87.6 72.2 112.2
77 29.2 13.4 53.4
79 24.7 7.2 47.2

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

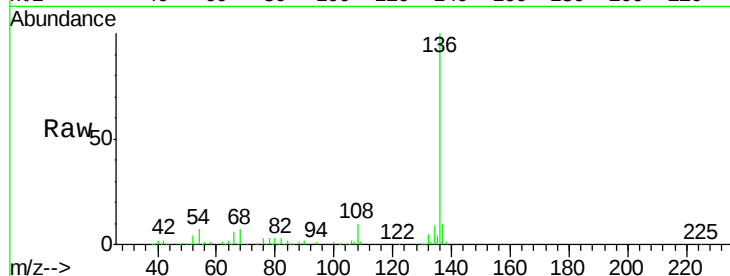




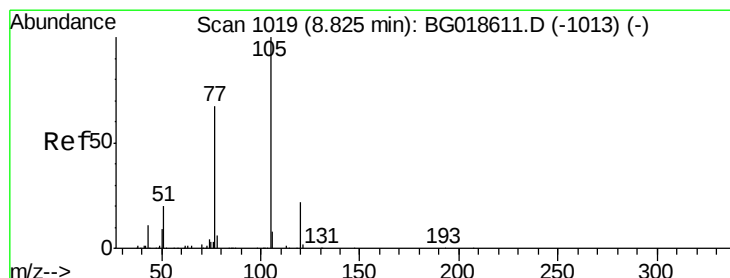
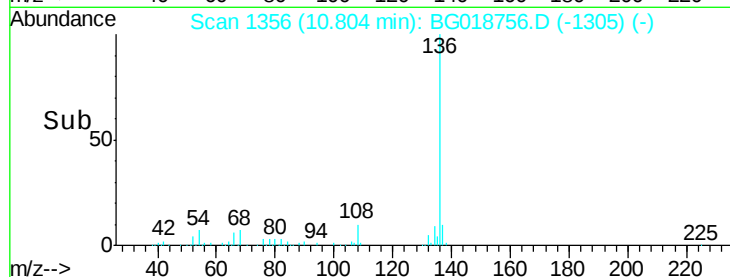
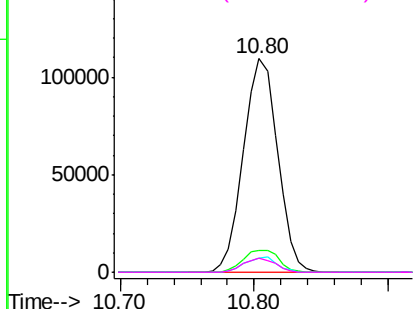
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.80 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-K1-K2-K3-K4MS

Tot Ion:136	Resp:	193580
Ion Ratio	Lower	Upper
136	100	
137	10.1	8.6 12.8
54	6.5	5.4 8.2
68	6.6	5.3 7.9

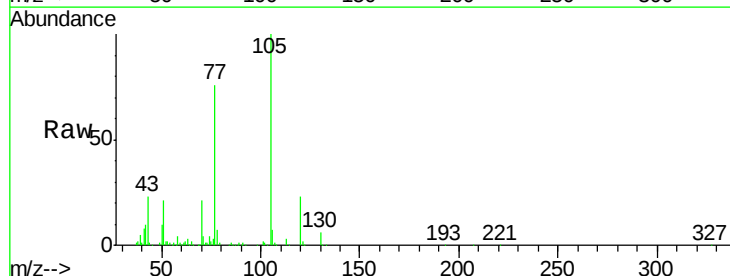


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

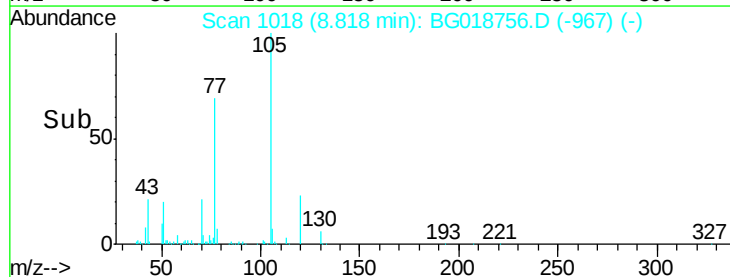
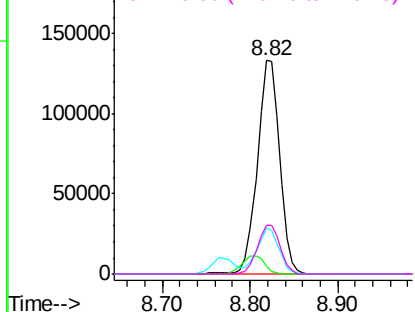


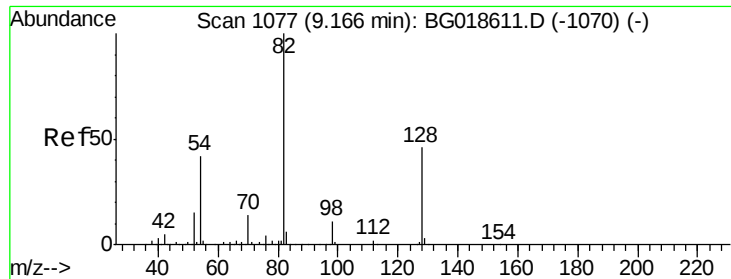
#22
Acetophenone
Concen: 47.60 ng
RT: 8.82 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

Tgt Ion:105	Resp:	233420
Ion Ratio	Lower	Upper
105	100	
71	3.7	2.1 3.1#
51	21.4	17.8 26.8
120	22.7	17.7 26.5



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

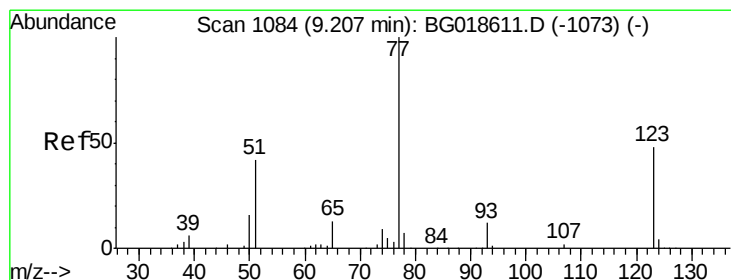
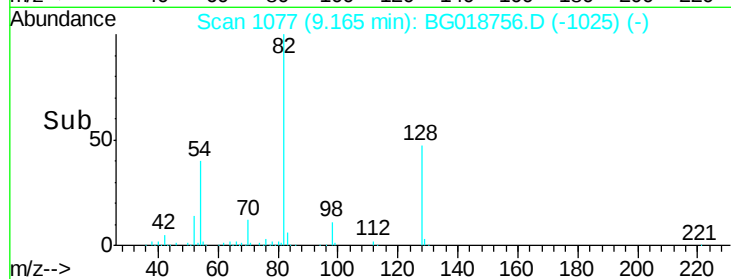
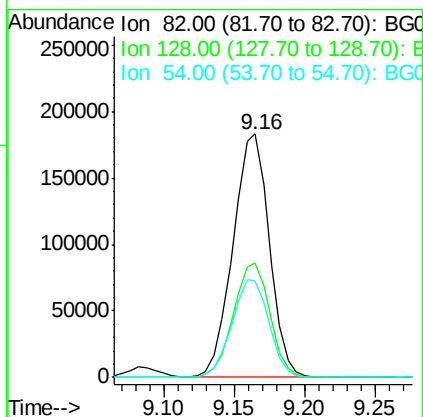
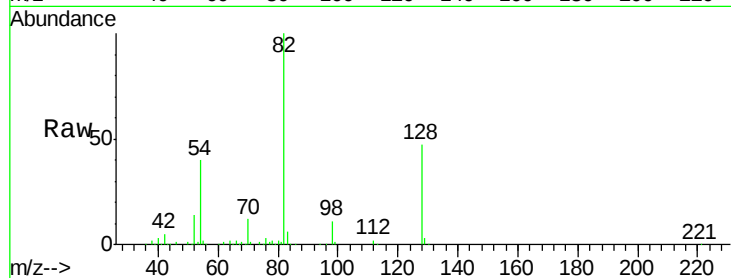




#23
 Nitrobenzene-d5
 Concen: 94.90 ng
 RT: 9.16 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: BG018756.D
 Acq: 18 Sep 2015 2:47

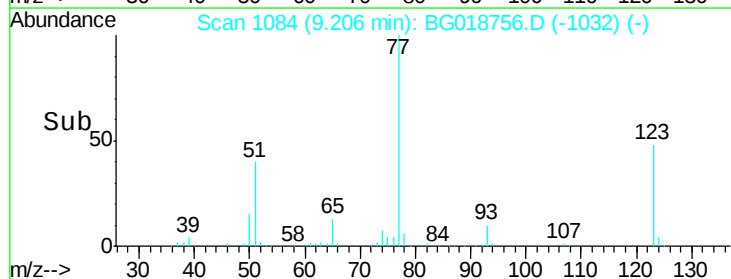
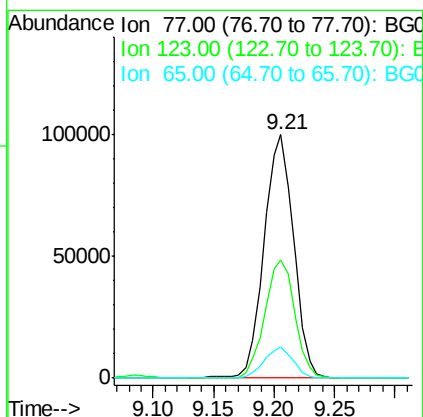
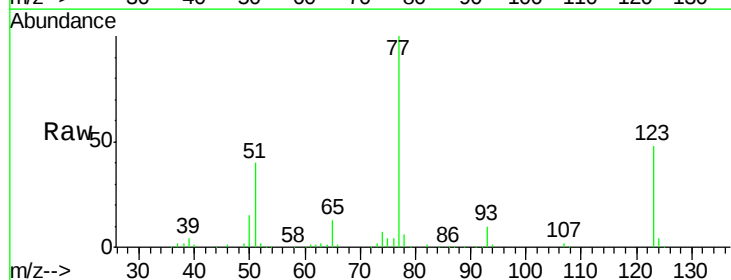
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-K1-K2-K3-K4MS

Tot Ion	82	Resp	328284
Ion Ratio	Lower	Upper	
82	100		
128	47.0	36.7	55.1
54	39.7	33.8	50.8



#24
 Nitrobenzene
 Concen: 46.00 ng
 RT: 9.21 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BG018756.D
 Acq: 18 Sep 2015 2:47

Tgt Ion	77	Resp	168991
Ion Ratio	Lower	Upper	
77	100		
123	48.5	38.2	57.2
65	12.6	10.6	16.0





#25

Isophorone

Concen: 45.64 ng

RT: 9.72 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-K1-K2-K3-K4MS

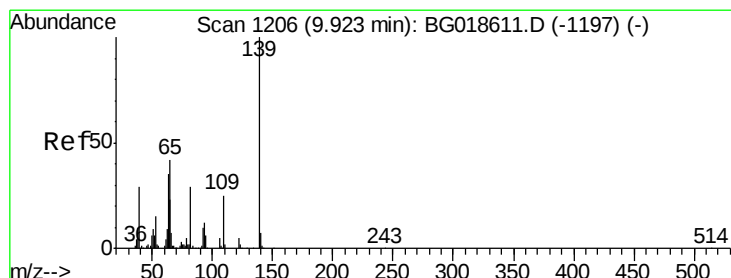
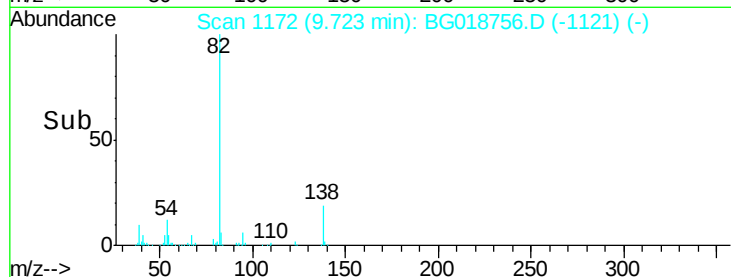
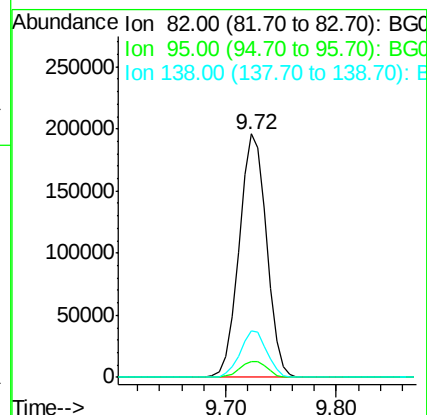
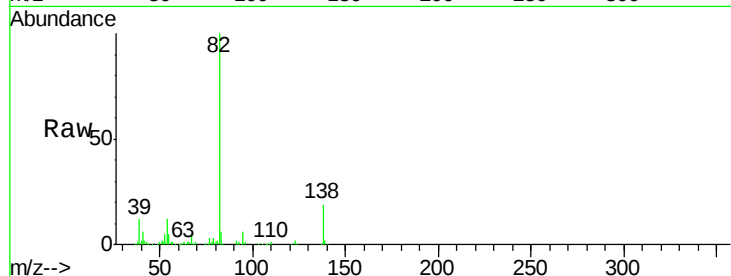
Tot Ion: 82 Resp: 339575

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 19.0 14.4 21.6



#26

2-Nitrophenol

Concen: 52.68 ng

RT: 9.91 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

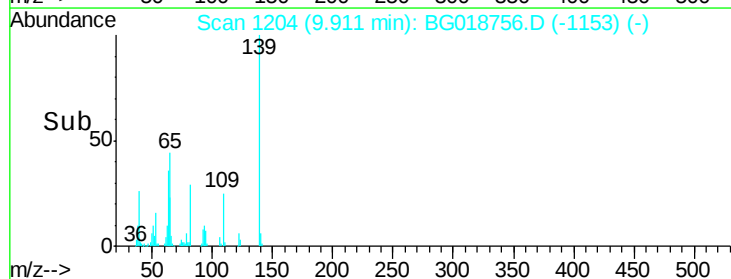
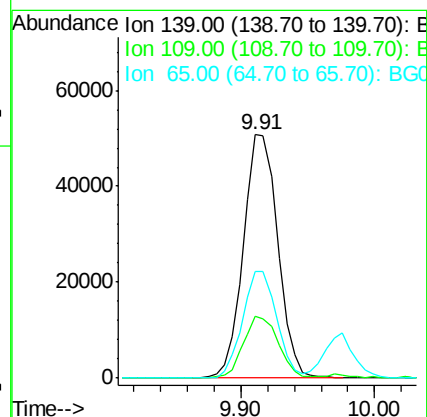
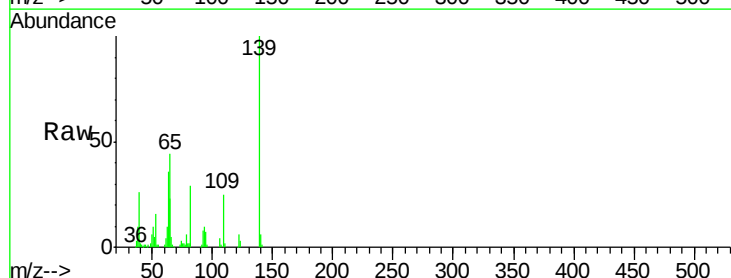
Tgt Ion: 139 Resp: 90289

Ion Ratio Lower Upper

139 100

109 25.4 20.1 30.1

65 43.9 34.1 51.1

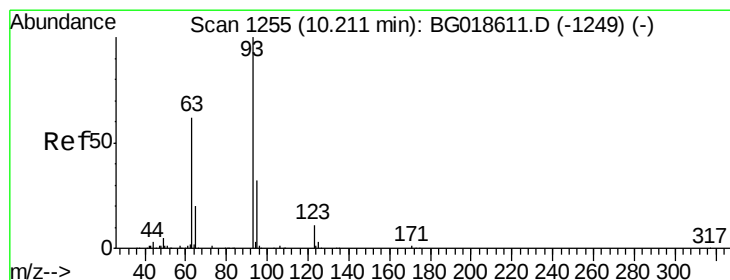
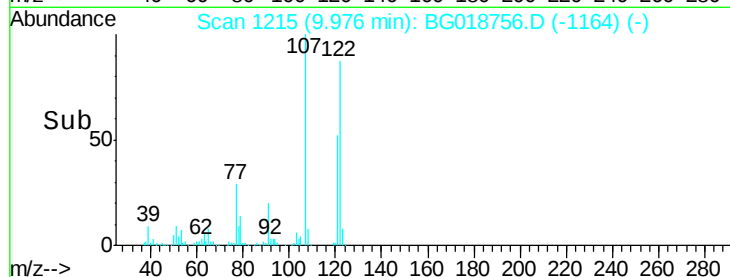
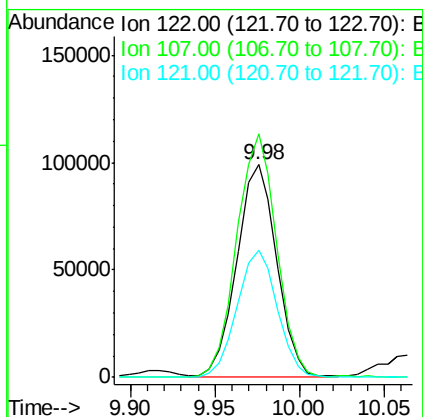
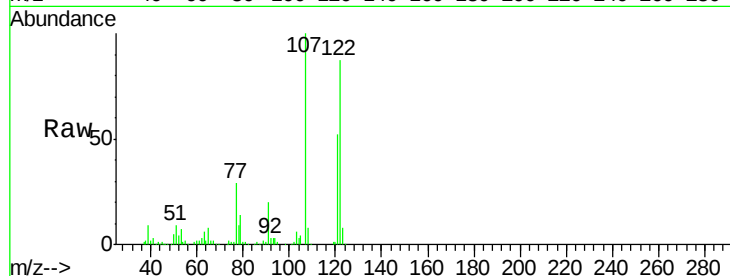




#27
 2,4-Dimethylphenol
 Concen: 52.13 ng
 RT: 9.98 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BG018756.D
 Acq: 18 Sep 2015 2:47

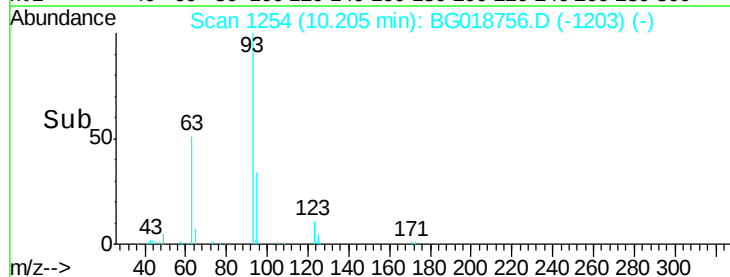
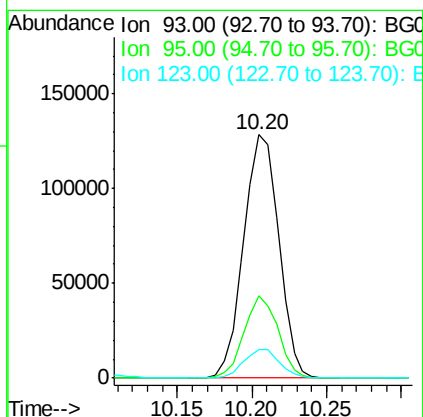
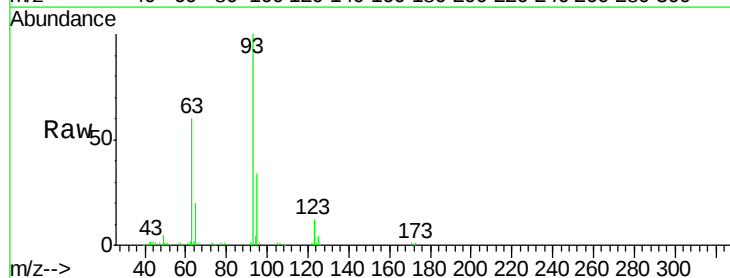
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-K1-K2-K3-K4MS

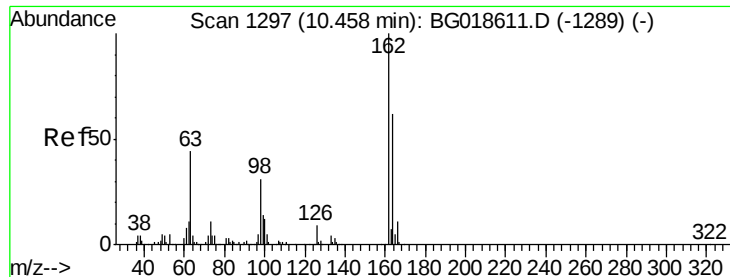
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.7	91.6	137.4
121	60.1	47.3	70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.03 ng
 RT: 10.20 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BG018756.D
 Acq: 18 Sep 2015 2:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	25.7	38.5
123	11.6	8.6	12.8

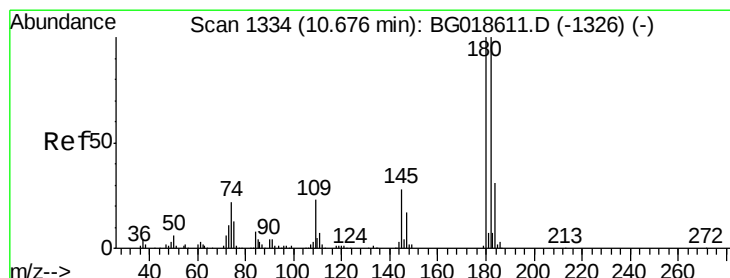
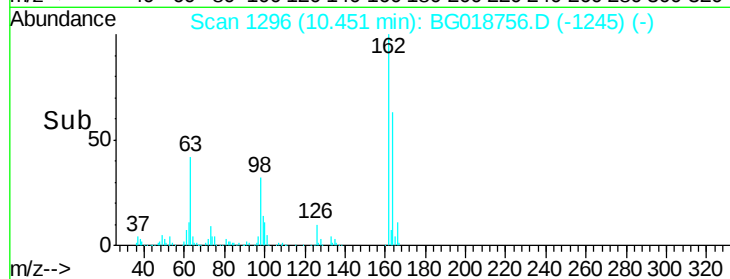
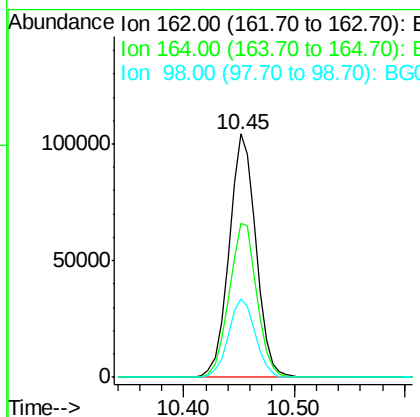
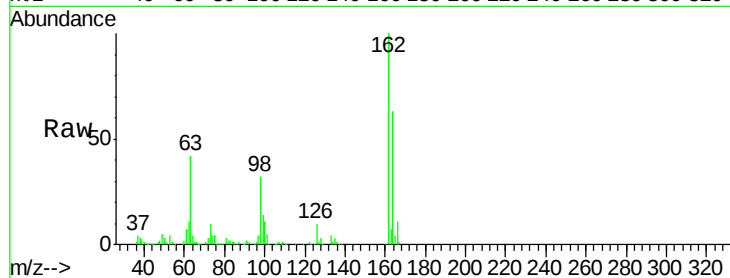




#29
2,4-Dichlorophenol
Concen: 56.38 ng
RT: 10.45 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

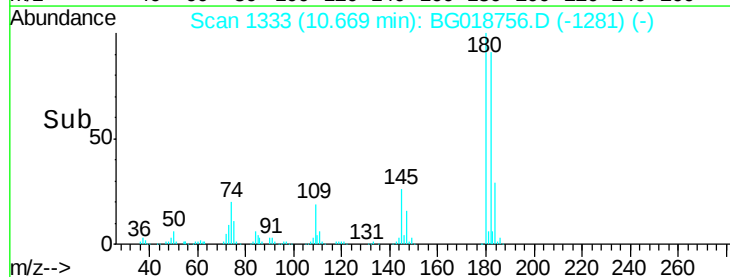
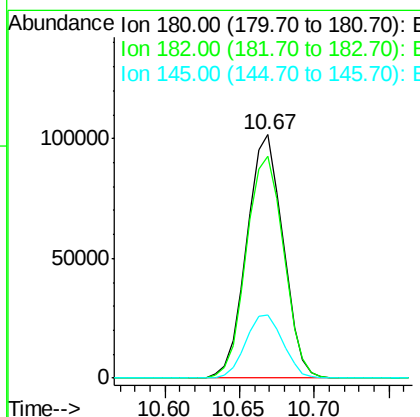
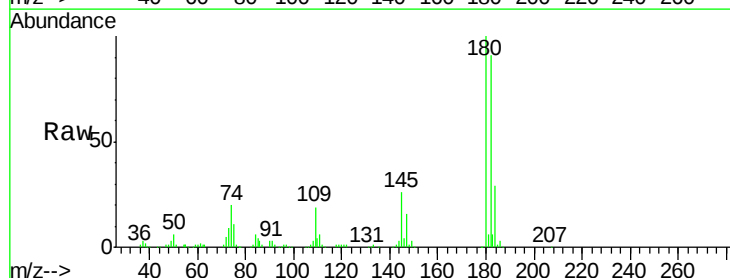
Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-K1-K2-K3-K4MS

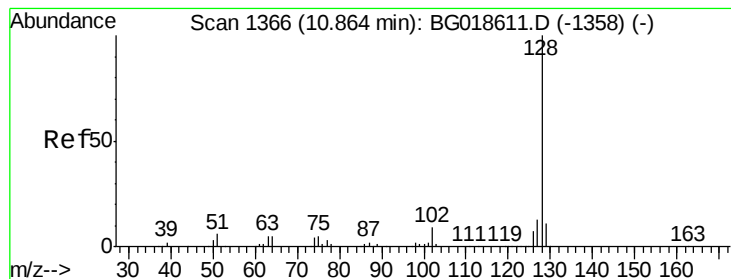
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.3	82.3
98	32.2	11.5	51.5



#30
1,2,4-Trichlorobenzene
Concen: 49.05 ng
RT: 10.67 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	79.7	119.5
145	26.0	22.0	33.0





#31

Naphthalene

Concen: 47.95 ng

RT: 10.86 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-K1-K2-K3-K4MS

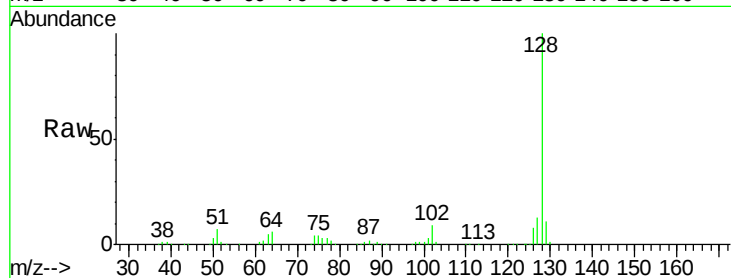
Tot Ion:128 Resp: 497086

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

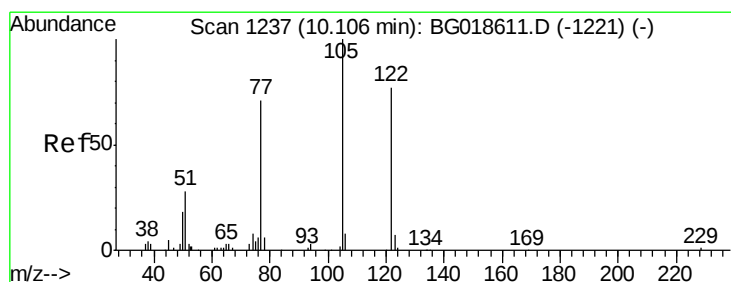
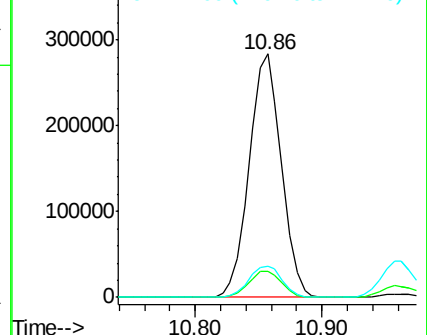
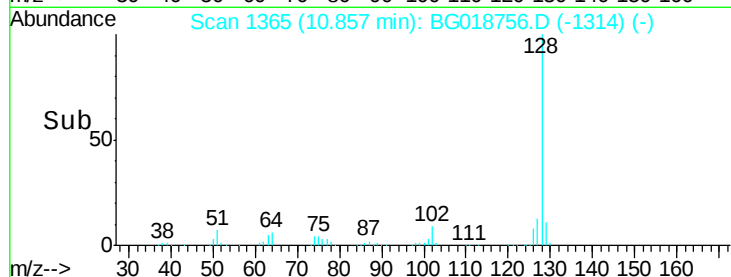
127 12.7 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.70 ng

RT: 10.10 min Scan# 1237

Delta R.T. -0.03 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

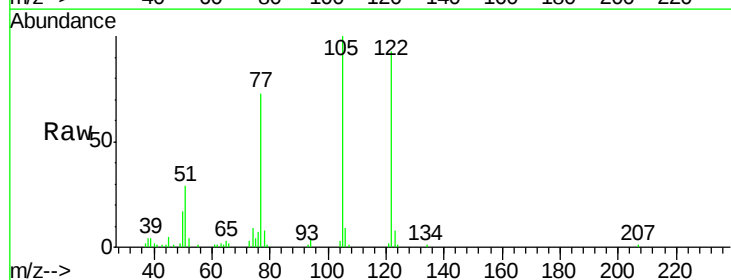
Tgt Ion:122 Resp: 79744

Ion Ratio Lower Upper

122 100

105 107.1 103.8 143.8

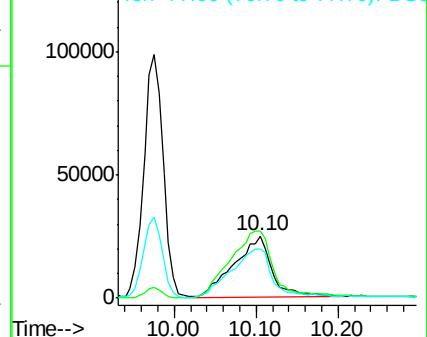
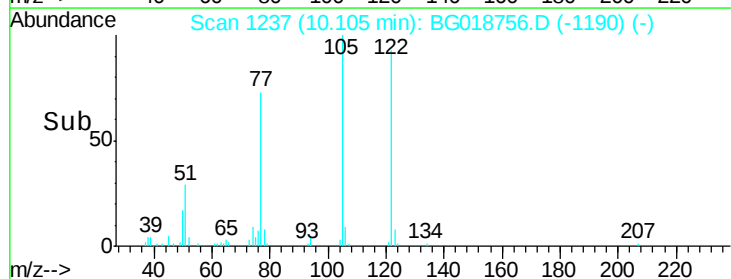
77 78.1 68.8 108.8

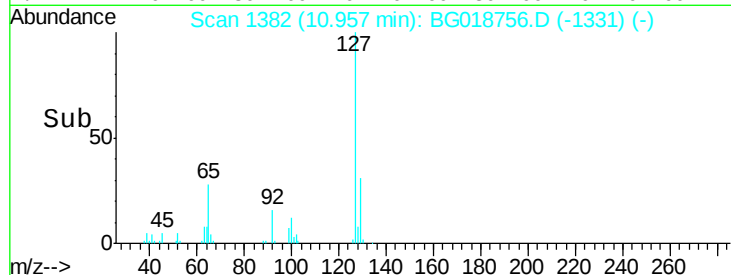
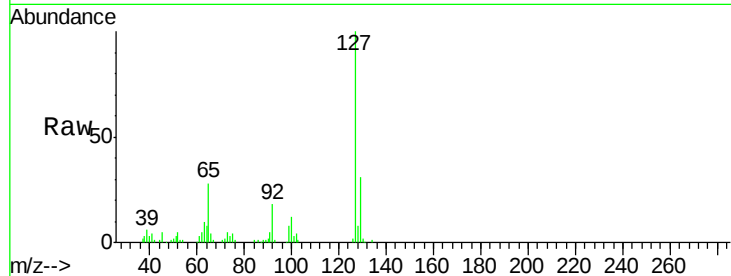
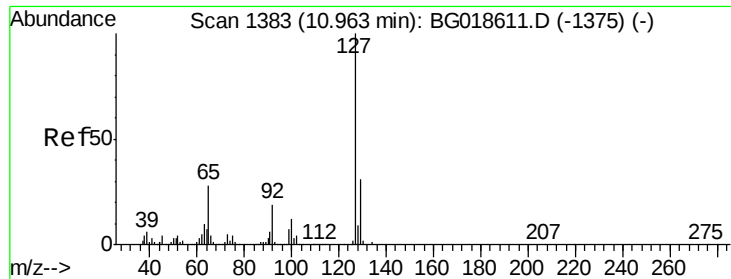


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

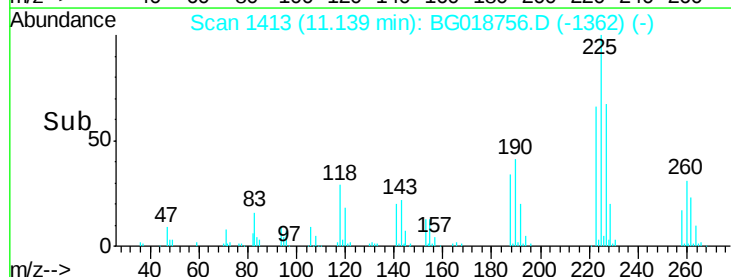
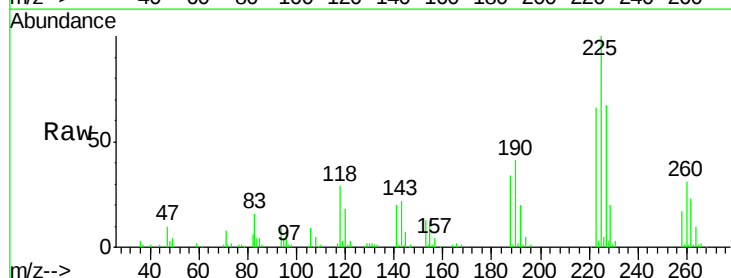
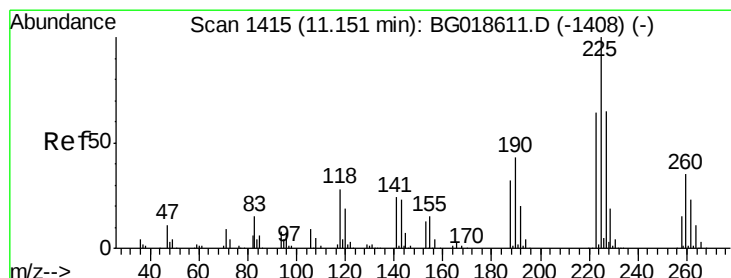
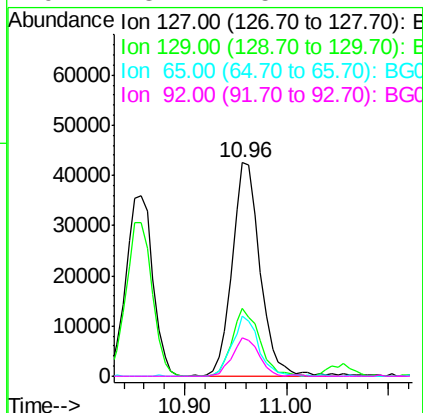




#33
4-Chloroaniline
Concen: 17.38 ng
RT: 10.96 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

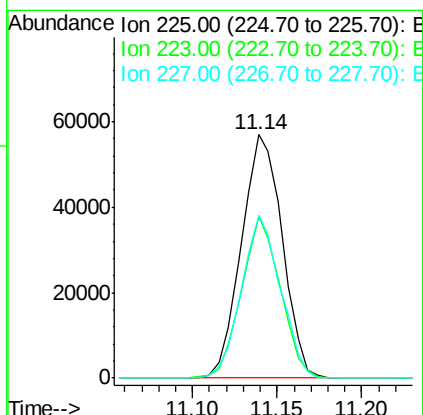
Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-K1-K2-K3-K4MS

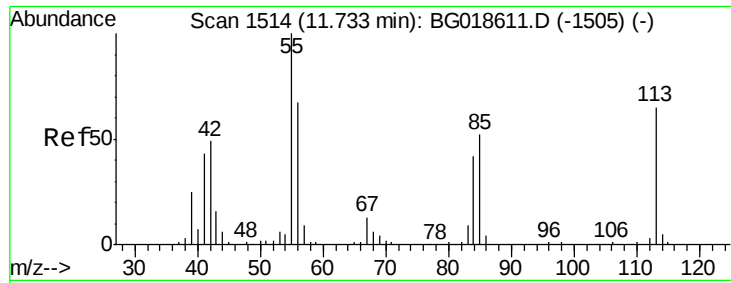
Tot Ion:	127	Resp:	81528
Ion	Ratio	Lower	Upper
127	100		
129	31.5	24.6	37.0
65	28.1	22.6	33.8
92	18.2	15.1	22.7



#34
Hexachlorobutadiene
Concen: 46.50 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

Tgt Ion:	225	Resp:	95557
Ion	Ratio	Lower	Upper
225	100		
223	66.4	51.0	76.4
227	67.0	51.8	77.8

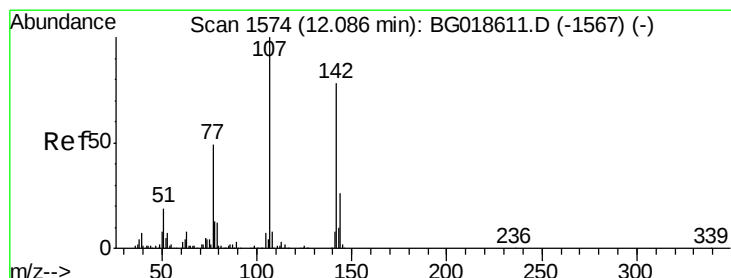
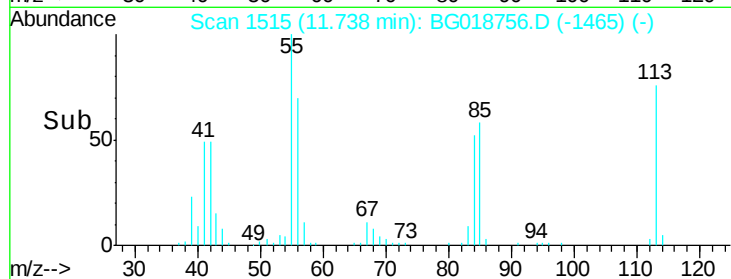
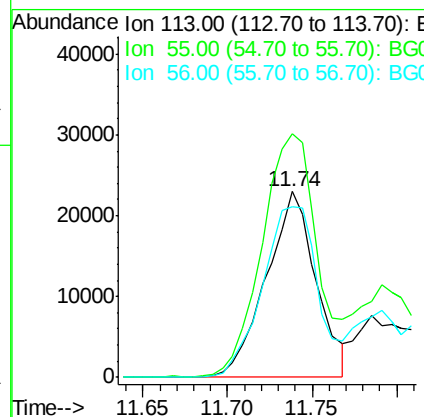
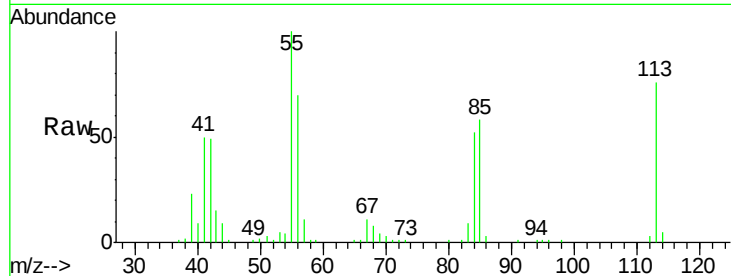




#35
 Caprolactam
 Concen: 34.71 ng
 RT: 11.74 min Scan# 1515
 Delta R.T. -0.01 min
 Lab File: BG018756.D
 Acq: 18 Sep 2015 2:47

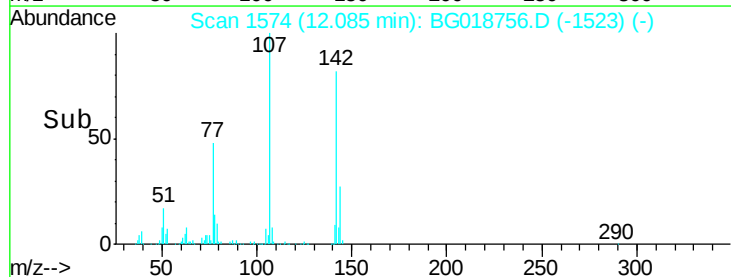
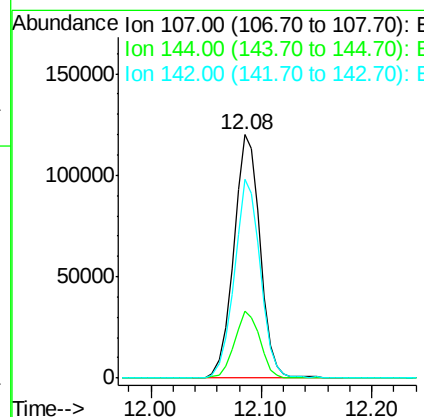
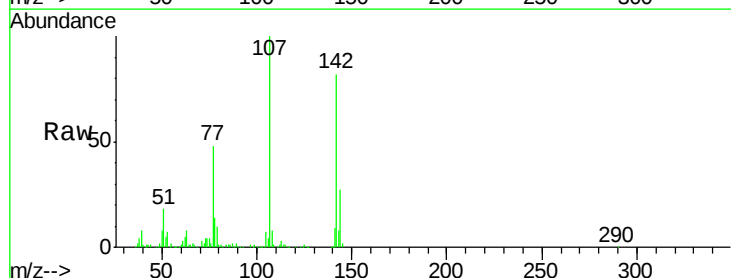
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-K1-K2-K3-K4MS

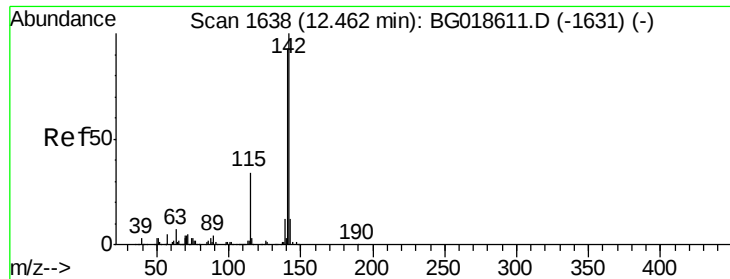
Tot Ion:113 Resp: 46939
 Ion Ratio Lower Upper
 113 100
 55 131.3 135.0 175.0#
 56 91.9 83.4 123.4



#36
 4-Chloro-3-methylphenol
 Concen: 57.21 ng
 RT: 12.08 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: BG018756.D
 Acq: 18 Sep 2015 2:47

Tgt Ion:107 Resp: 200722
 Ion Ratio Lower Upper
 107 100
 144 27.3 20.6 31.0
 142 81.6 62.6 93.8

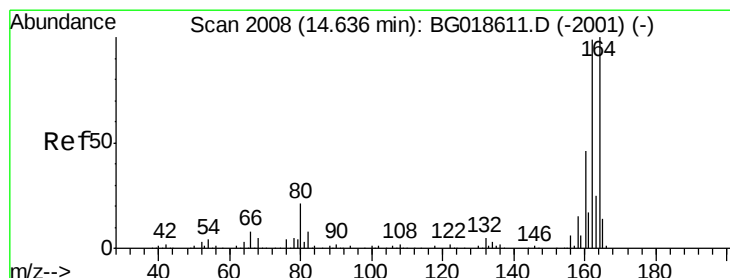
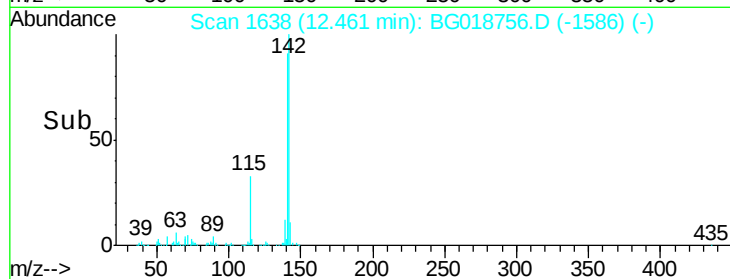
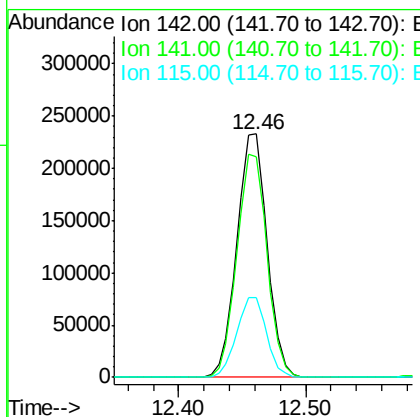
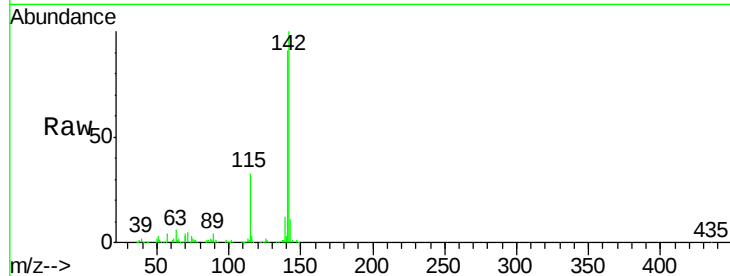




#37
2-Methylnaphthalene
Concen: 50.66 ng
RT: 12.46 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

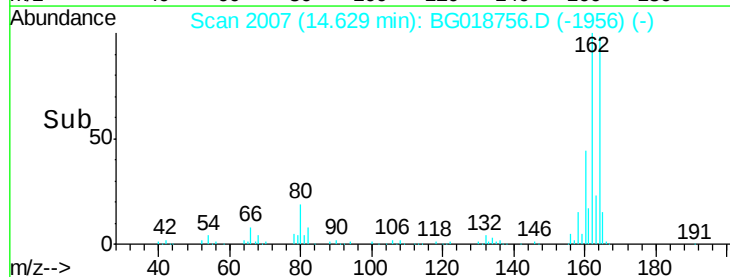
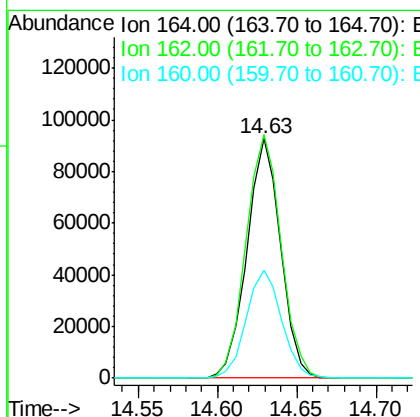
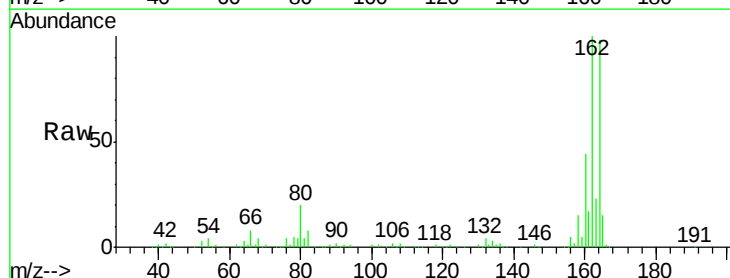
Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-K1-K2-K3-K4MS

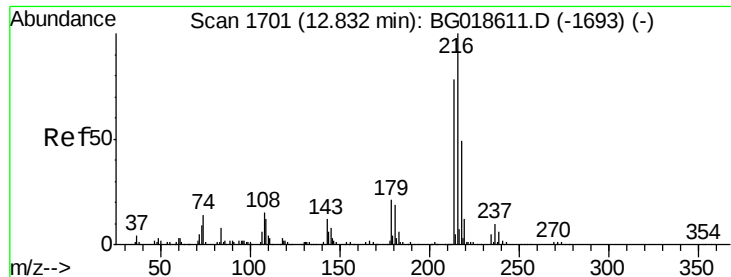
Tot Ion:142 Resp: 384415
Ion Ratio Lower Upper
142 100
141 90.7 74.6 112.0
115 32.7 27.4 41.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

Tgt Ion:164 Resp: 136729
Ion Ratio Lower Upper
164 100
162 101.7 78.8 118.2
160 44.9 36.4 54.6

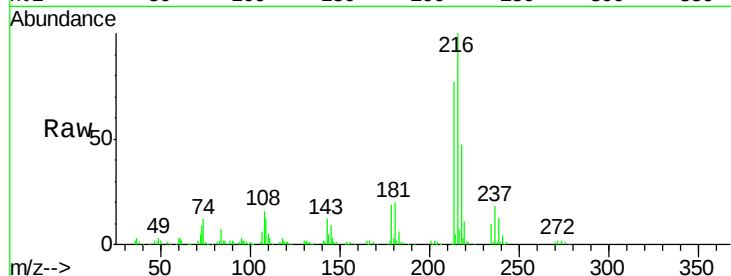




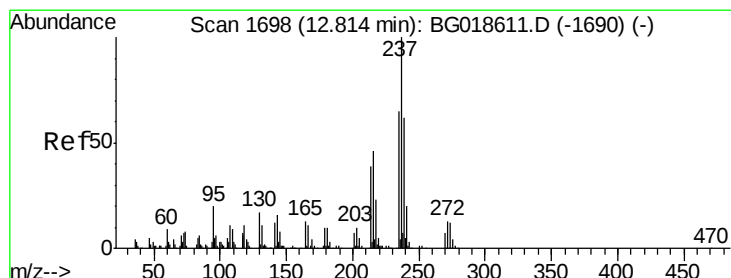
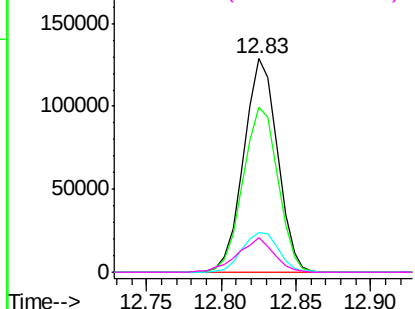
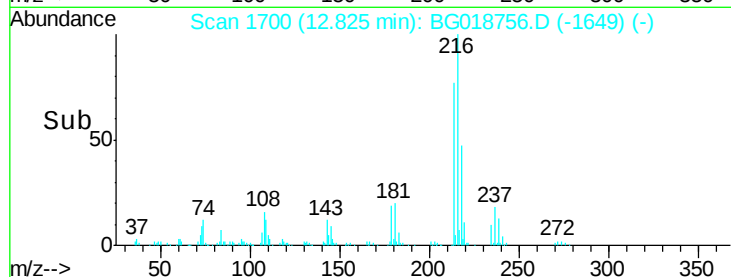
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.37 ng
 RT: 12.83 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG018756.D
 Acq: 18 Sep 2015 2:47

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-K1-K2-K3-K4MS

Tot Ion:	216	Resp:	201077
Ion Ratio		Lower	Upper
216	100		
214	80.0	62.5	93.7
179	20.0	15.6	23.4
108	17.2	13.3	19.9

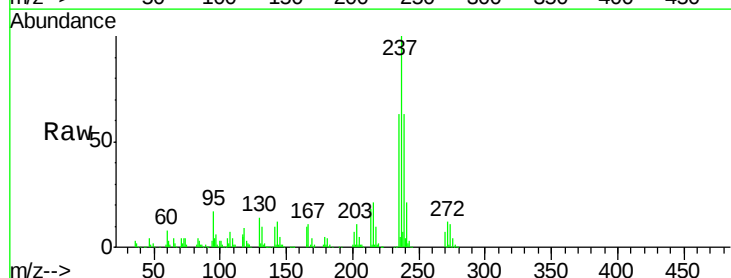


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

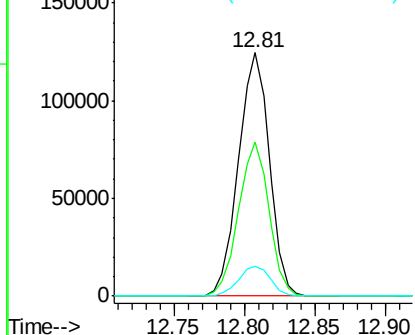
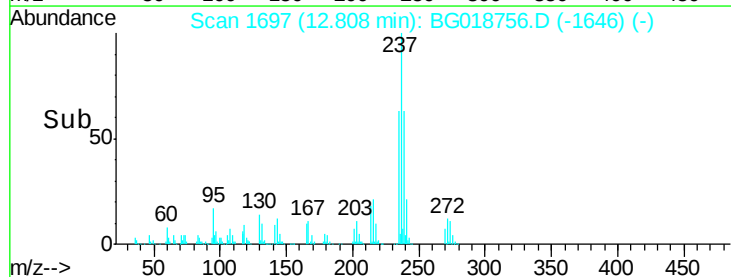


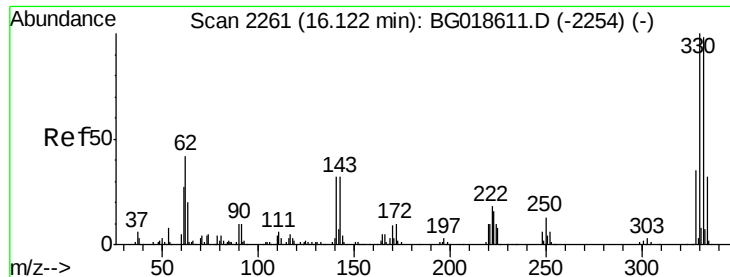
#40
 Hexachlorocyclopentadiene
 Concen: 87.32 ng
 RT: 12.81 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG018756.D
 Acq: 18 Sep 2015 2:47

Tgt Ion:	237	Resp:	190173
Ion Ratio		Lower	Upper
237	100		
235	63.3	44.6	84.6
272	12.0	0.0	32.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

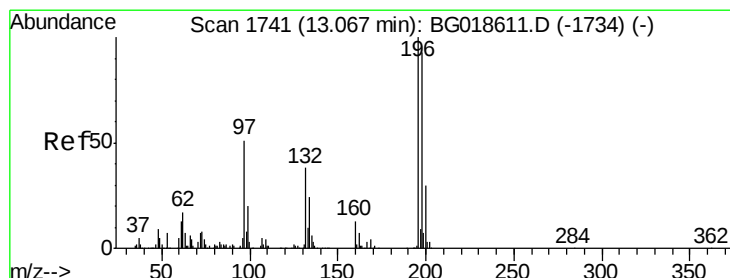
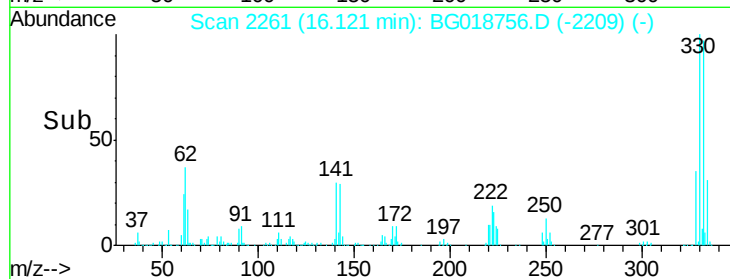
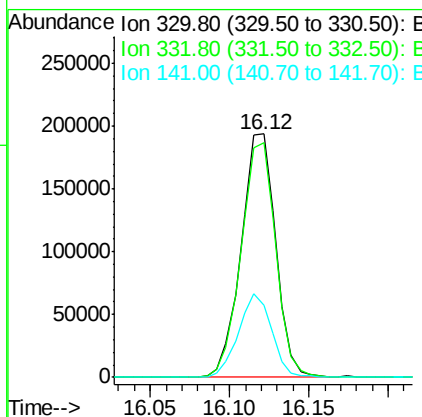
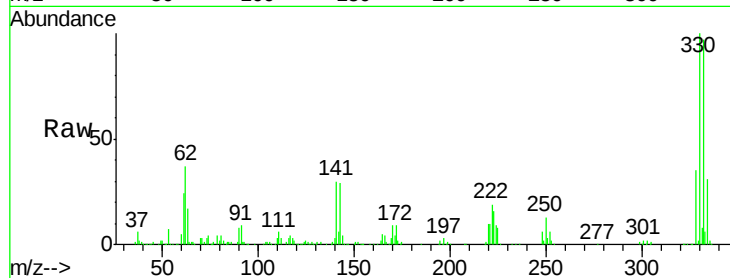




#41
 2,4,6-Tribromophenol
 Concen: 159.47 ng
 RT: 16.12 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: BG018756.D
 Acq: 18 Sep 2015 2:47

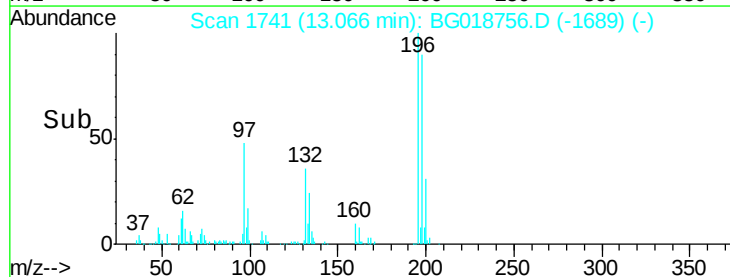
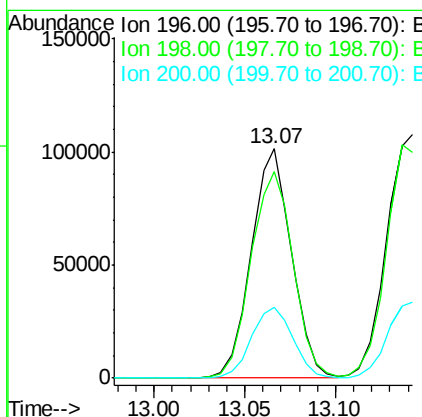
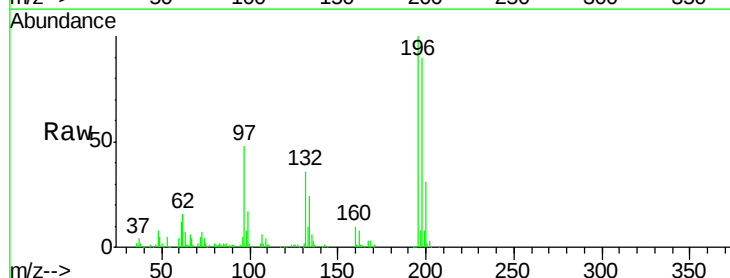
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-K1-K2-K3-K4MS

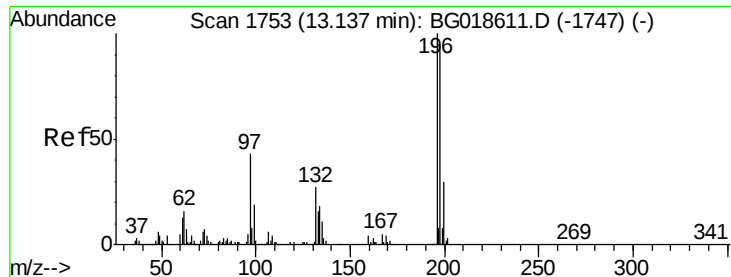
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.1	117.1
141	32.9	28.2	42.2



#42
 2,4,6-Trichlorophenol
 Concen: 52.08 ng
 RT: 13.07 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BG018756.D
 Acq: 18 Sep 2015 2:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.1	74.7	112.1
200	30.9	24.1	36.1

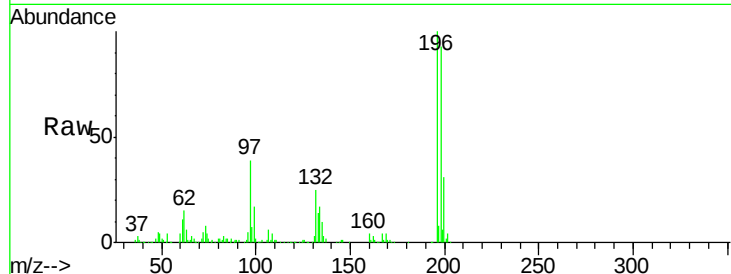




#43
 2,4,5-Trichlorophenol
 Concen: 53.24 ng
 RT: 13.14 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BG018756.D
 Acq: 18 Sep 2015 2:47

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-K1-K2-K3-K4MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.7	75.2	112.8
97	39.4	34.2	51.2
132	24.8	21.8	32.6



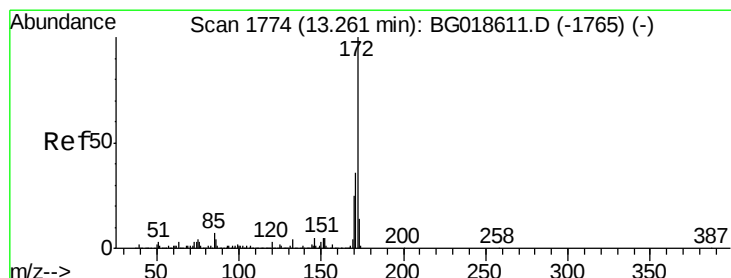
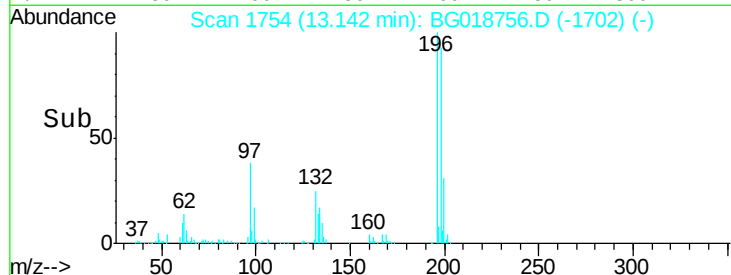
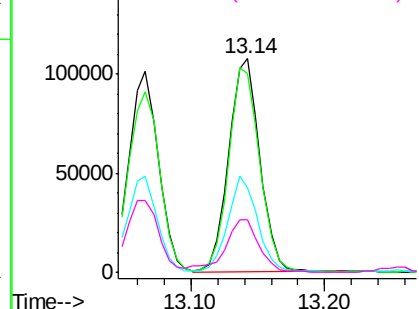
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

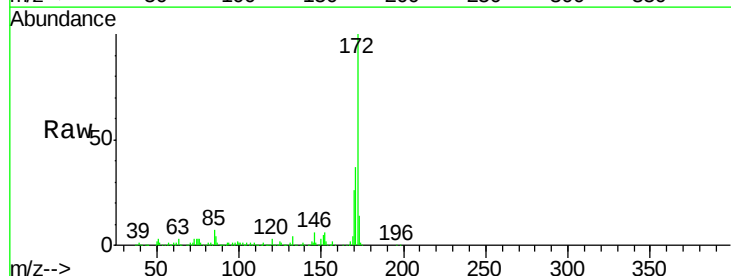
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.41 ng
 RT: 13.25 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG018756.D
 Acq: 18 Sep 2015 2:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.0	43.6
170	25.8	19.9	29.9

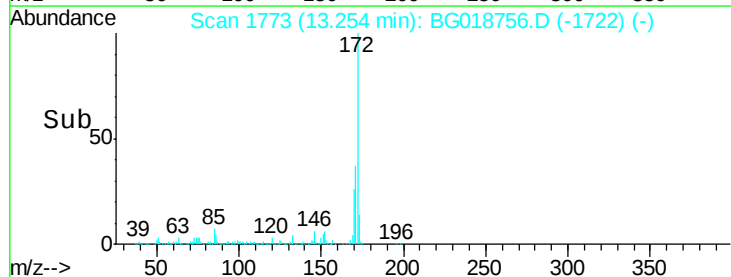
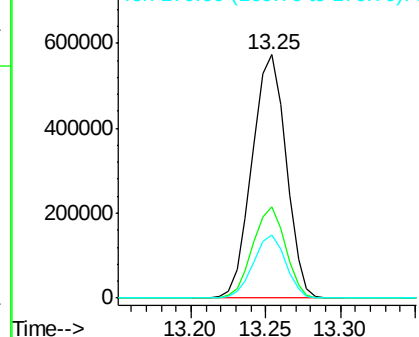


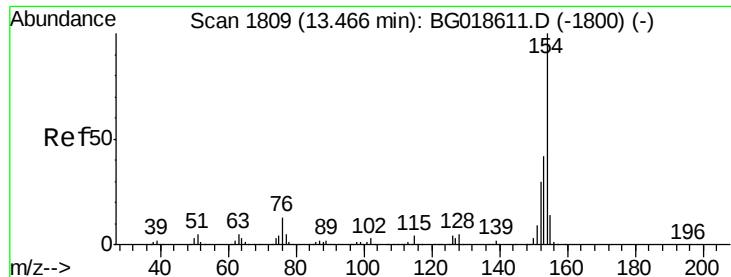
Abundance

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

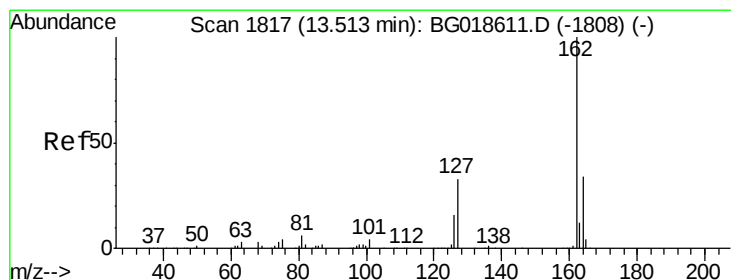
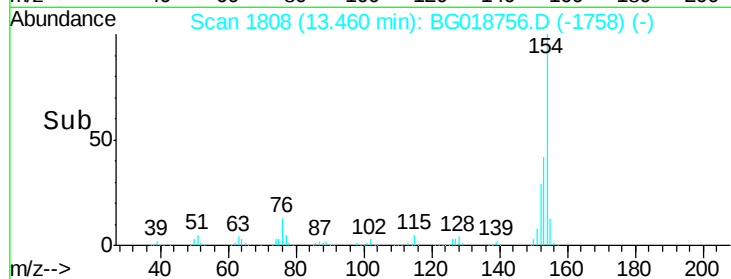
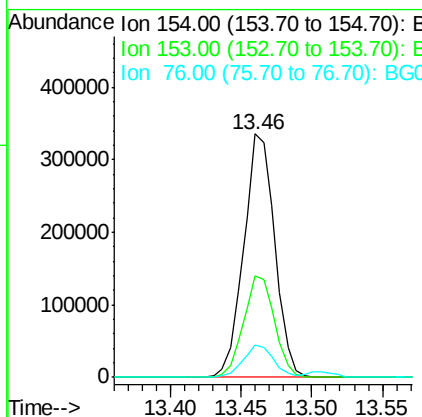
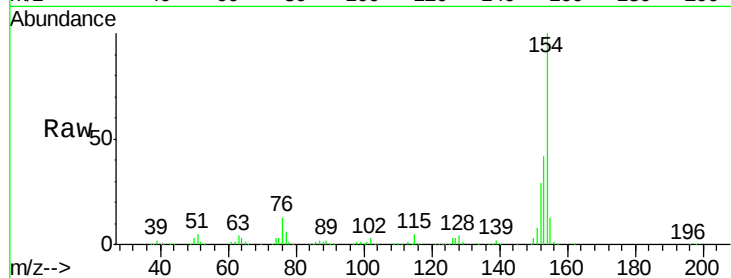




#45
1,1'-Biphenyl
Concen: 47.33 ng
RT: 13.46 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

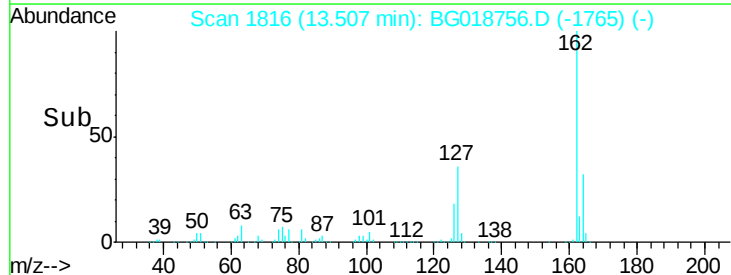
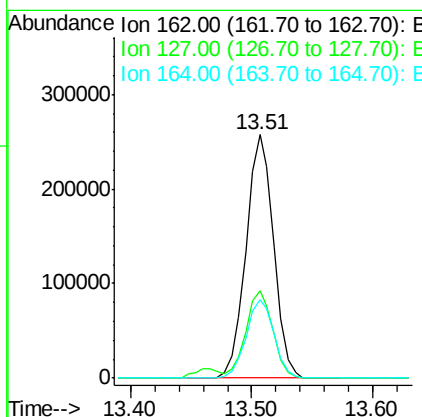
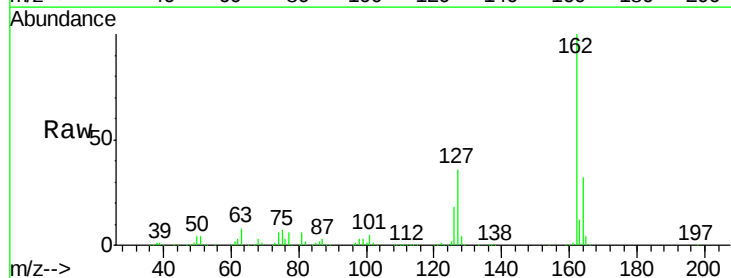
Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-K1-K2-K3-K4MS

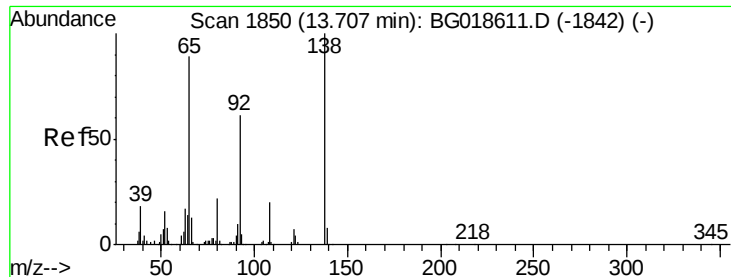
Tot Ion:154 Resp: 514602
Ion Ratio Lower Upper
154 100
153 41.8 21.9 61.9
76 13.1 0.0 33.2



#46
2-Chloronaphthalene
Concen: 48.74 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

Tgt Ion:162 Resp: 408306
Ion Ratio Lower Upper
162 100
127 35.9 28.3 42.5
164 32.0 27.4 41.0





#47

2-Nitroaniline

Concen: 48.30 ng

RT: 13.71 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-K1-K2-K3-K4MS

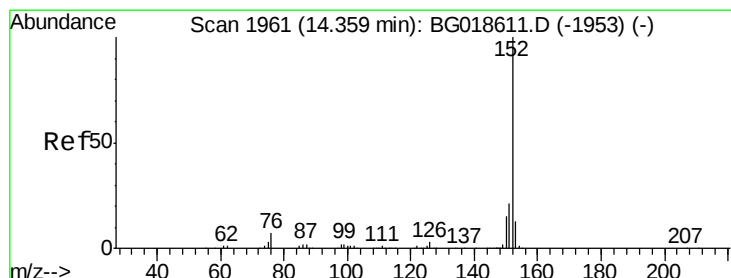
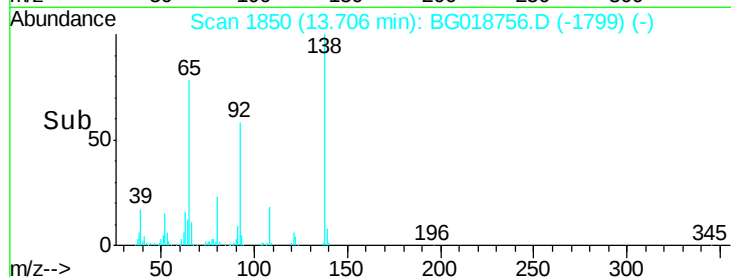
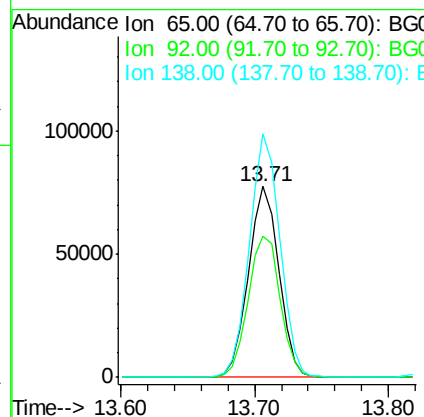
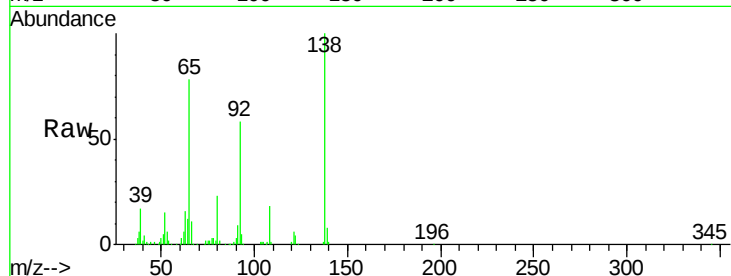
Tot Ion: 65 Resp: 121742

Ion Ratio Lower Upper

65 100

92 73.8 54.8 82.2

138 127.6 89.6 134.4



#48

Acenaphthylene

Concen: 48.42 ng

RT: 14.35 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

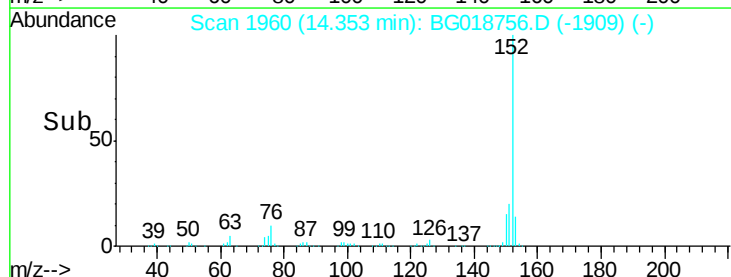
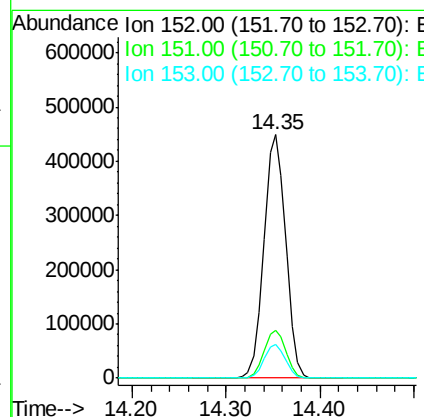
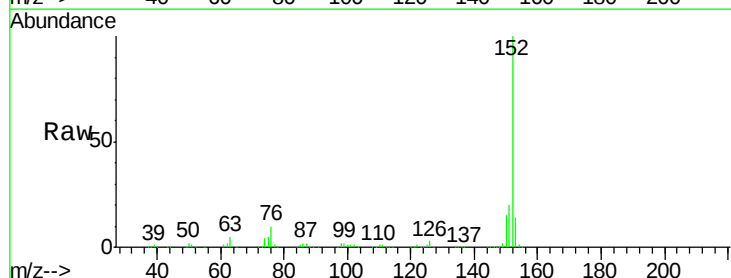
Tgt Ion: 152 Resp: 716980

Ion Ratio Lower Upper

152 100

151 19.9 17.0 25.4

153 14.0 10.4 15.6





#49

Dimethylphthalate

Concen: 68.46 ng

RT: 14.08 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-K1-K2-K3-K4MS

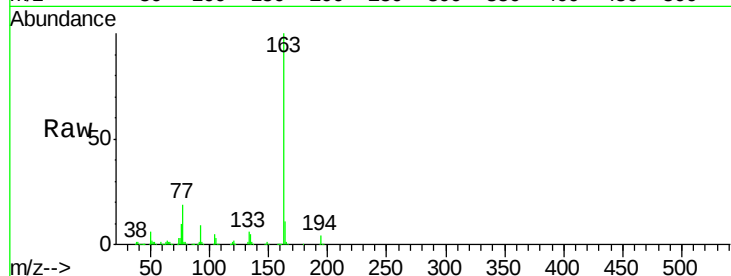
Tot Ion:163 Resp: 775168

Ion Ratio Lower Upper

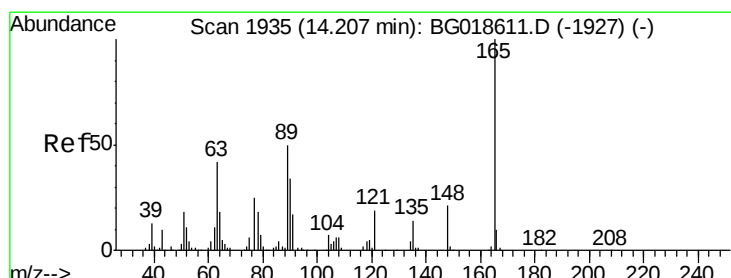
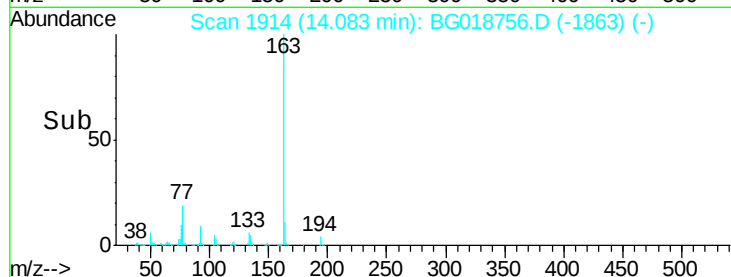
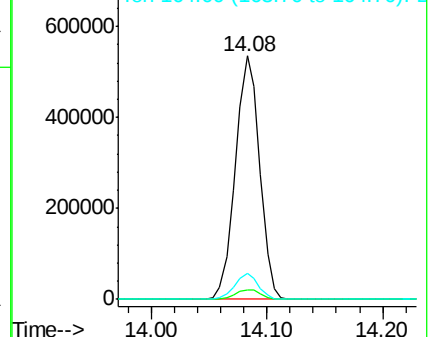
163 100

194 4.1 3.1 4.7

164 10.9 8.8 13.2



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: 50.95 ng

RT: 14.20 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

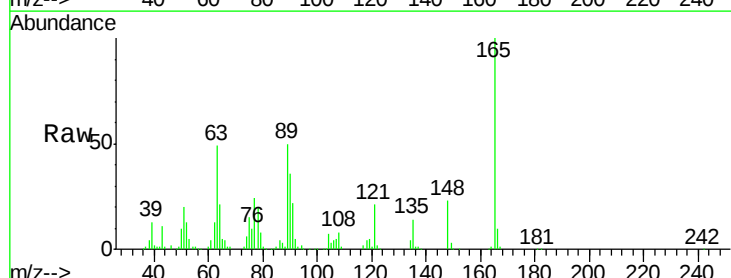
Tgt Ion:165 Resp: 125342

Ion Ratio Lower Upper

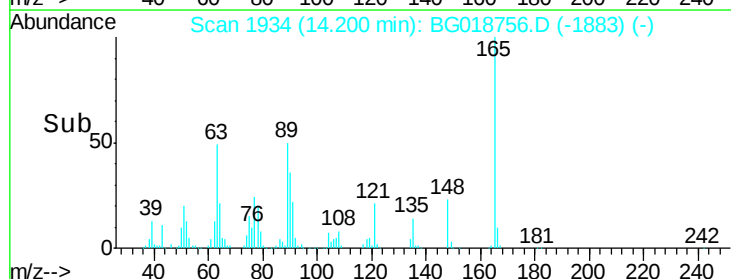
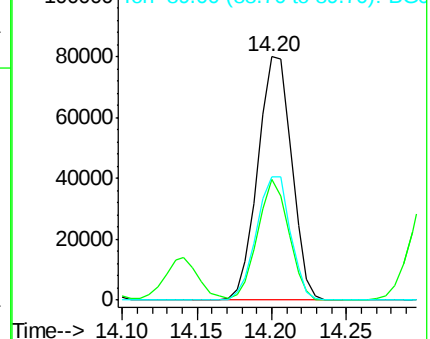
165 100

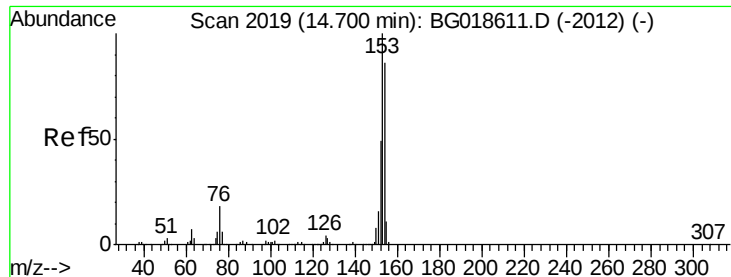
63 49.3 35.7 53.5

89 50.4 39.7 59.5



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 48.37 ng

RT: 14.69 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-K1-K2-K3-K4MS

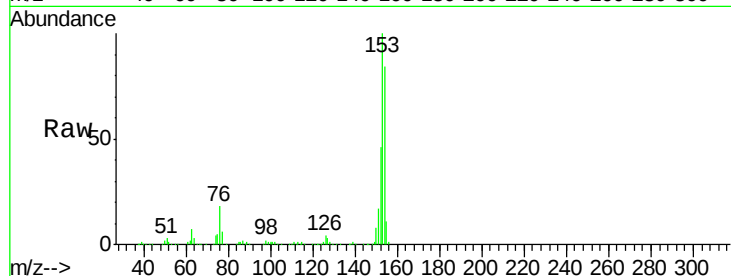
Tot Ion:154 Resp: 416703

Ion Ratio Lower Upper

154 100

153 119.3 92.9 139.3

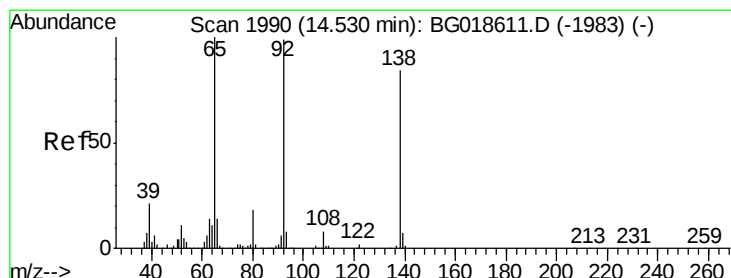
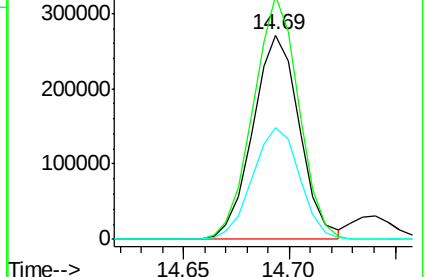
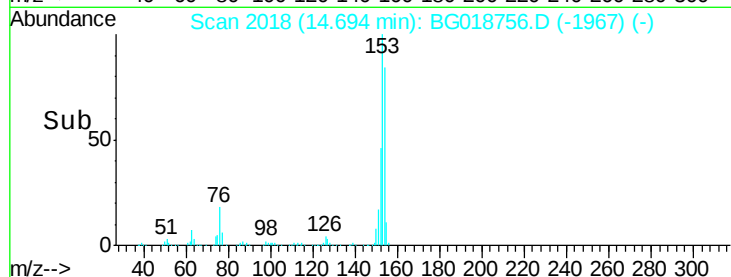
152 54.8 45.8 68.8



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: 29.46 ng

RT: 14.53 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

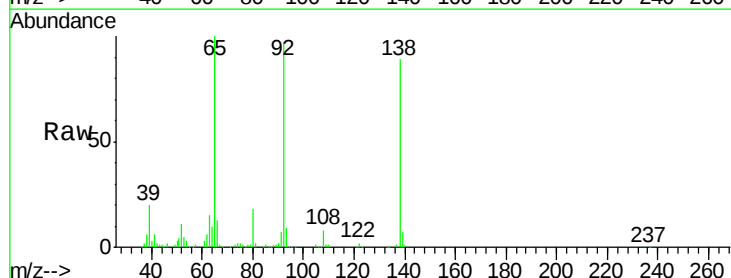
Tgt Ion:138 Resp: 86585

Ion Ratio Lower Upper

138 100

108 9.2 7.9 11.9

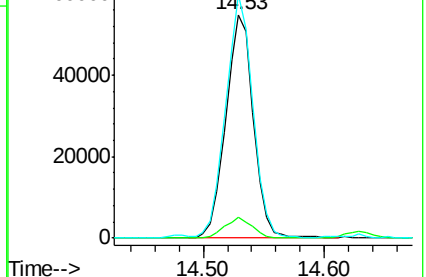
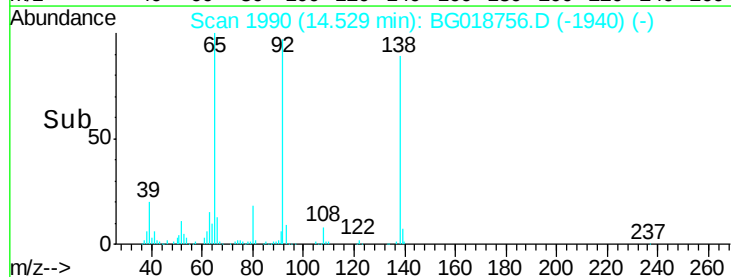
92 108.9 94.2 141.4

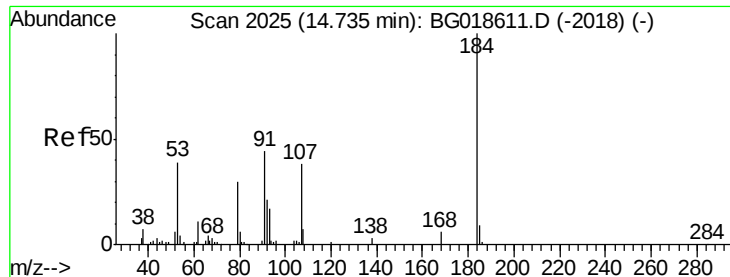


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

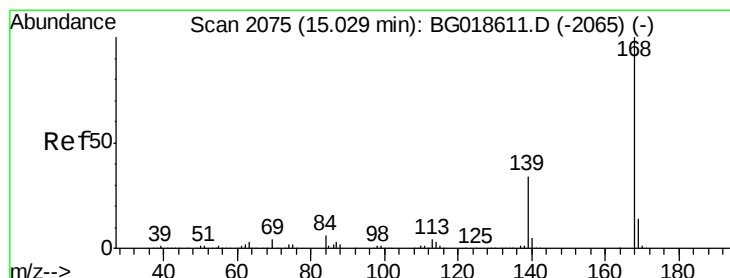
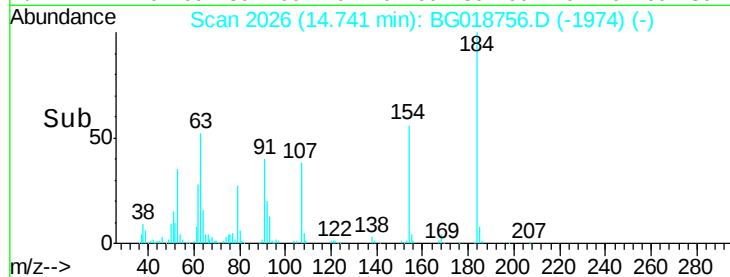
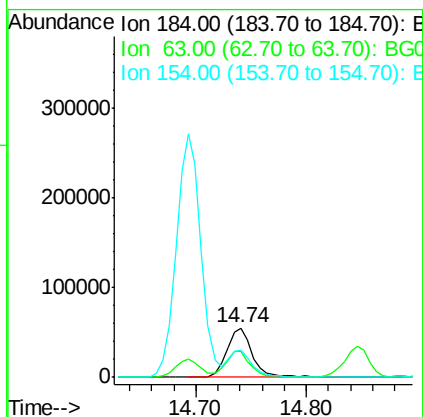
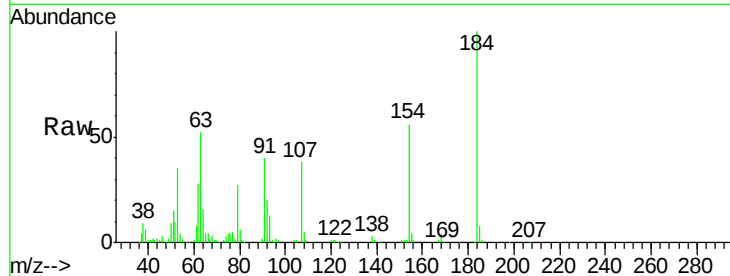




#53
2,4-Dinitrophenol
Concen: 71.76 ng
RT: 14.74 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

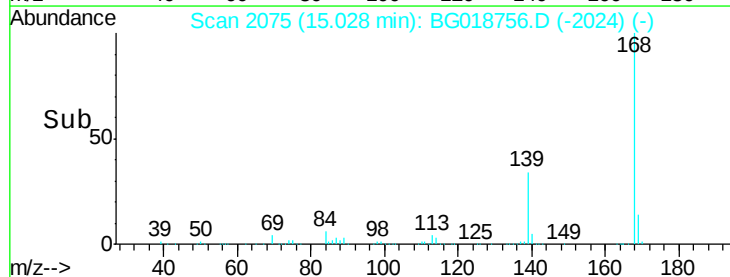
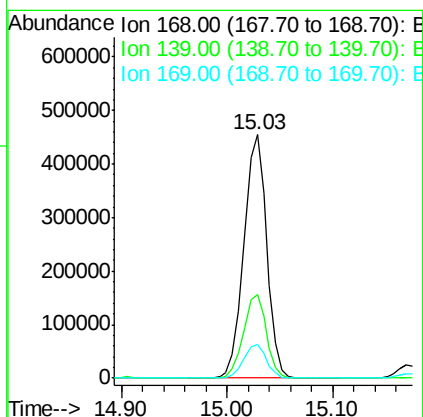
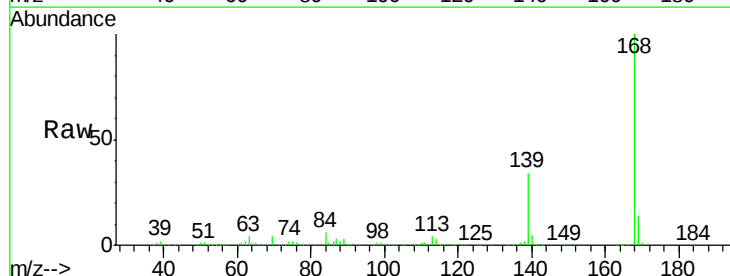
Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-K1-K2-K3-K4MS

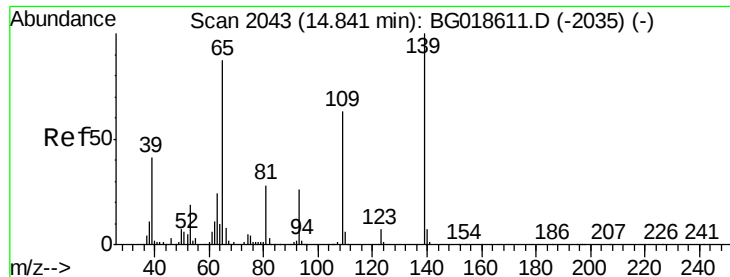
Tot Ion:184 Resp: 88260
Ion Ratio Lower Upper
184 100
63 51.5 42.7 64.1
154 56.0 44.3 66.5



#54
Dibenzofuran
Concen: 50.69 ng
RT: 15.03 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

Tgt Ion:168 Resp: 678673
Ion Ratio Lower Upper
168 100
139 34.4 27.4 41.0
169 13.8 11.0 16.4





#55

4-Nitrophenol

Concen: 99.16 ng

RT: 14.85 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-K1-K2-K3-K4MS

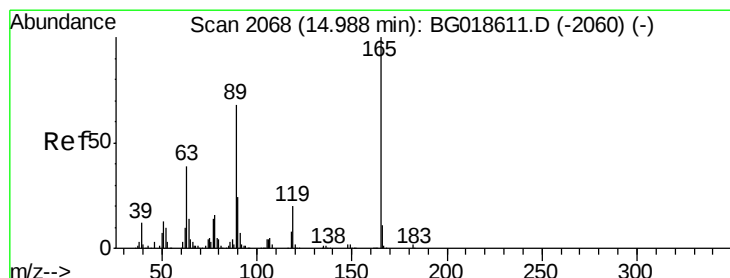
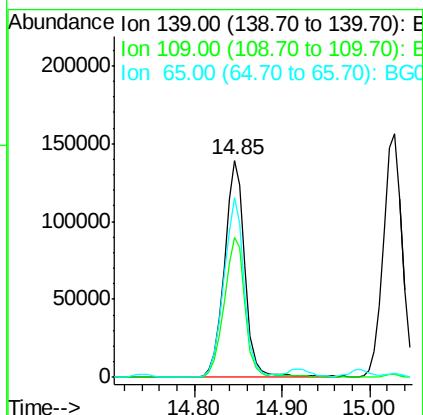
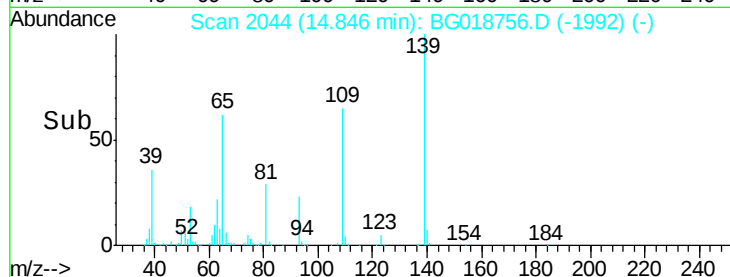
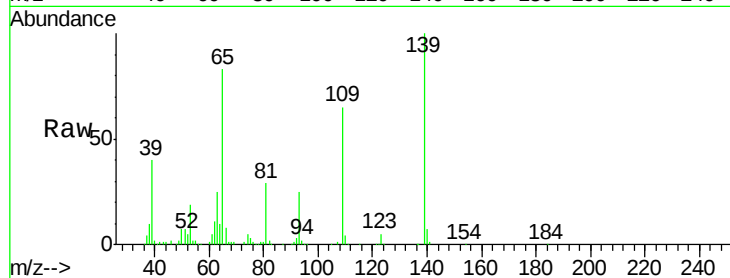
Tot Ion:139 Resp: 225045

Ion Ratio Lower Upper

139 100

109 64.7 43.2 83.2

65 82.6 67.8 107.8



#56

2,4-Dinitrotoluene

Concen: 51.87 ng

RT: 14.99 min Scan# 2068

Delta R.T. -0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

Tgt Ion:165 Resp: 180950

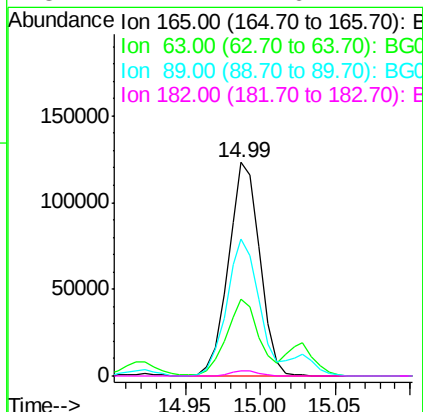
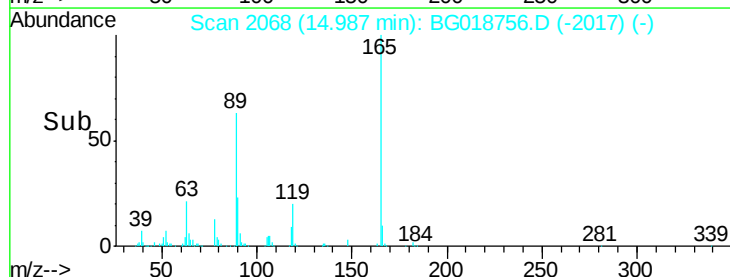
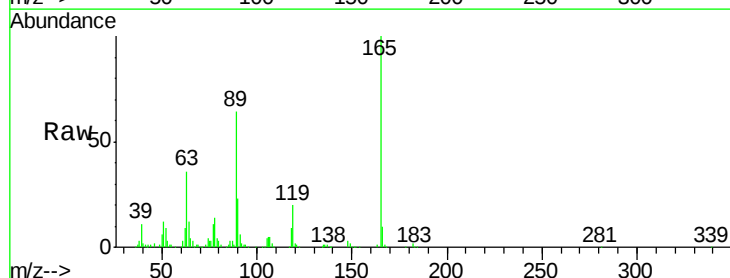
Ion Ratio Lower Upper

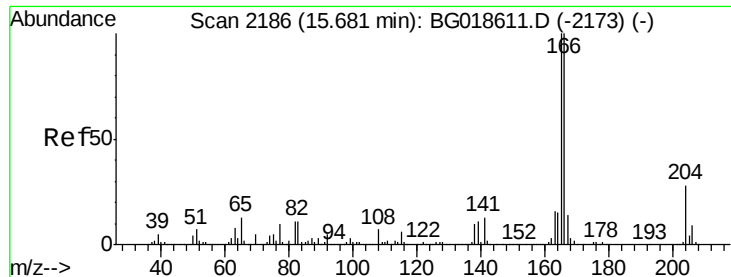
165 100

63 35.7 31.0 46.4

89 64.4 54.4 81.6

182 2.2 1.6 2.4





#57

Fluorene

Concen: 49.30 ng

RT: 15.67 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-K1-K2-K3-K4MS

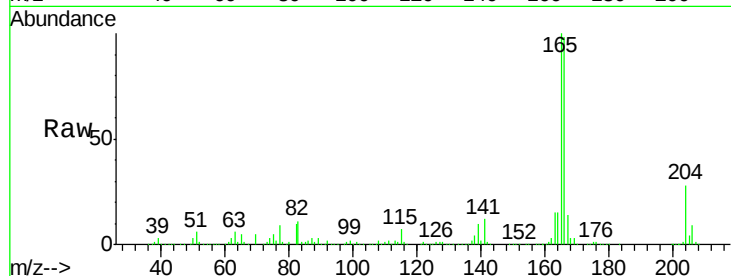
Tot Ion:166 Resp: 568266

Ion Ratio Lower Upper

166 100

165 102.0 80.0 120.0

167 14.4 11.1 16.7

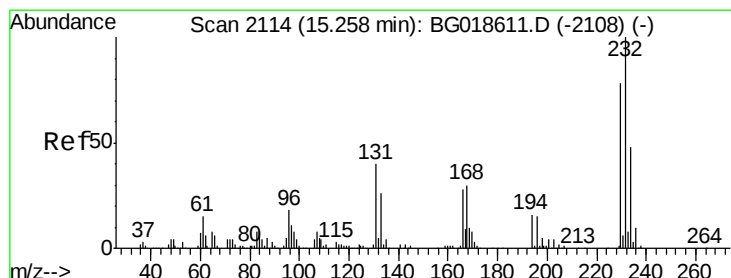
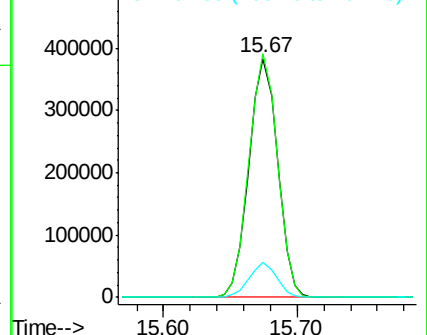
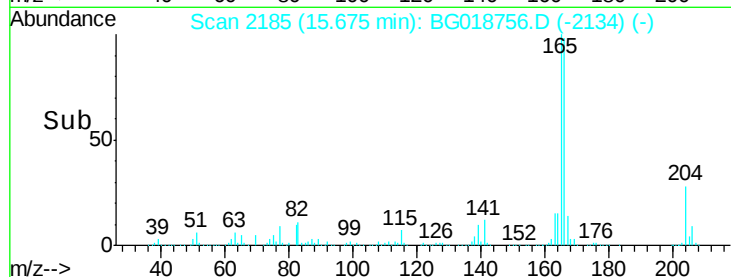


Abundance

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: 52.54 ng

RT: 15.25 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

Tgt Ion:232 Resp: 162310

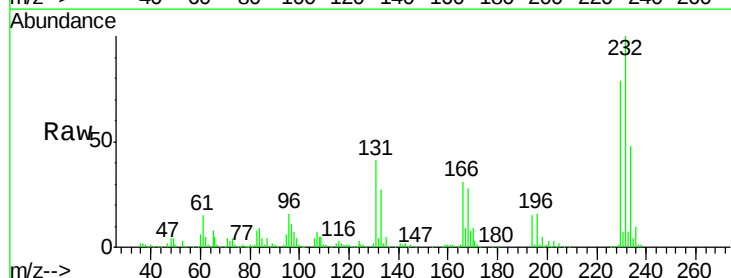
Ion Ratio Lower Upper

232 100

131 40.2 33.0 49.6

130 2.1 2.0 3.0

166 29.7 24.1 36.1



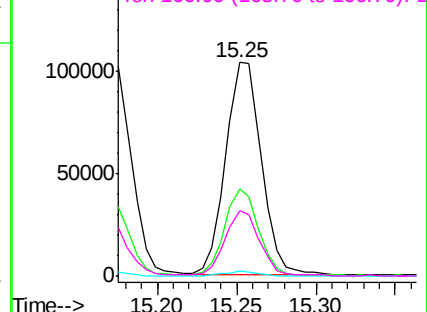
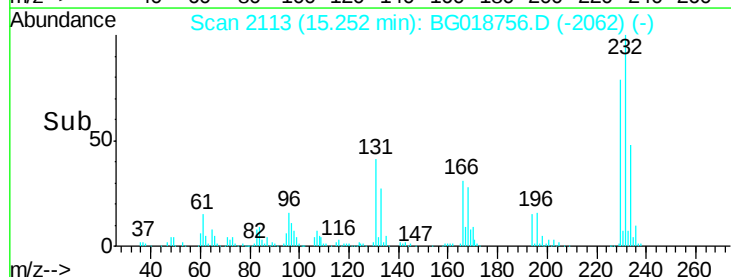
Abundance

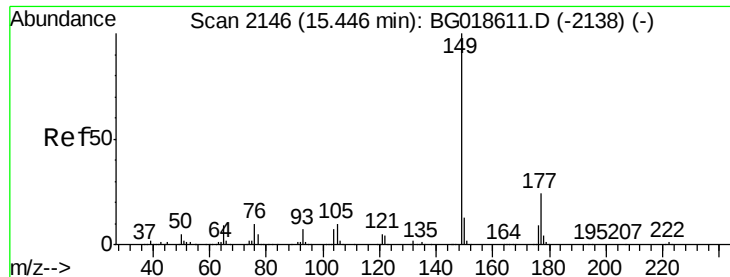
Ion 232.00 (231.70 to 232.70): E

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

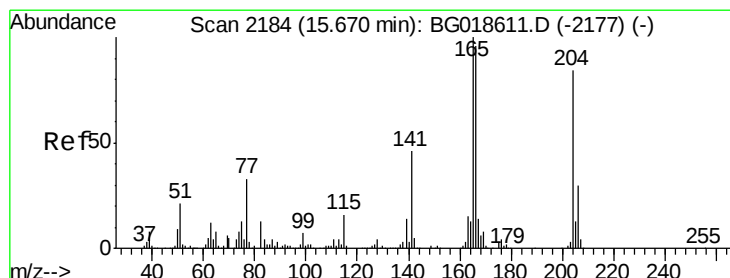
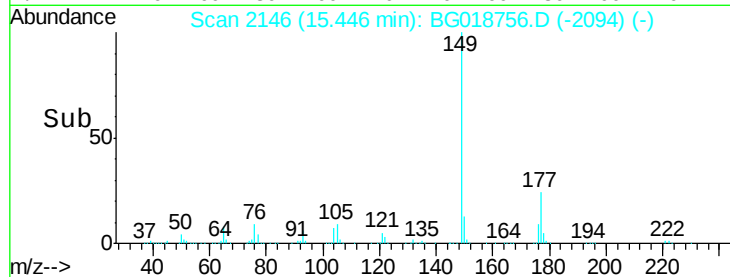
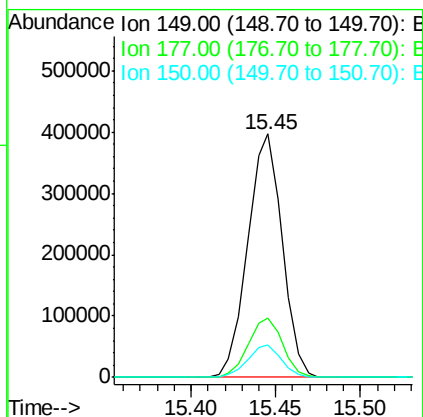
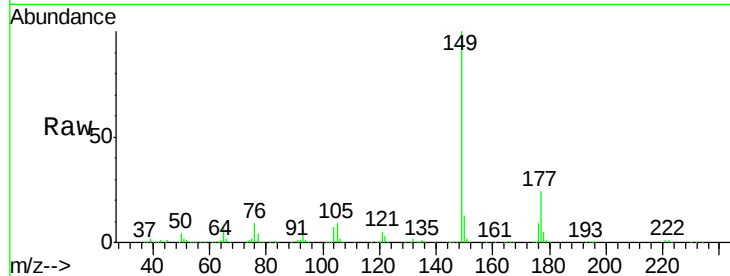




#59
Diethylphthalate
Concen: 47.52 ng
RT: 15.45 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

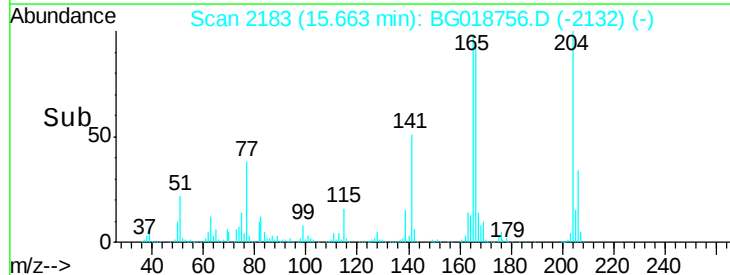
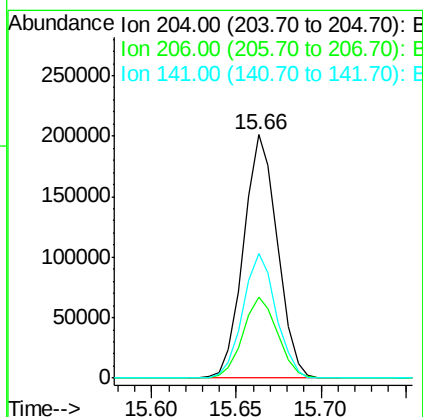
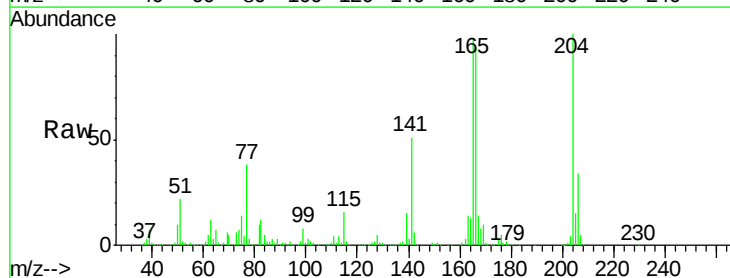
Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-K1-K2-K3-K4MS

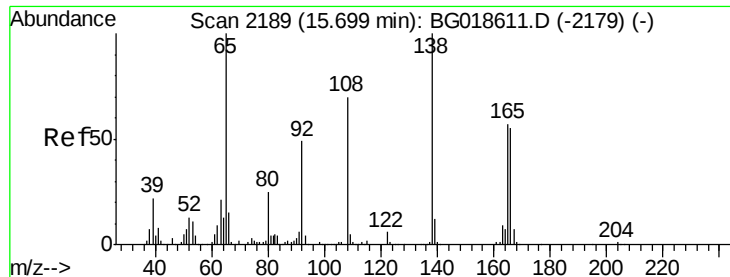
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.6	29.4
150	13.3	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 50.63 ng
RT: 15.66 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	28.3	42.5
141	51.0	44.0	66.0

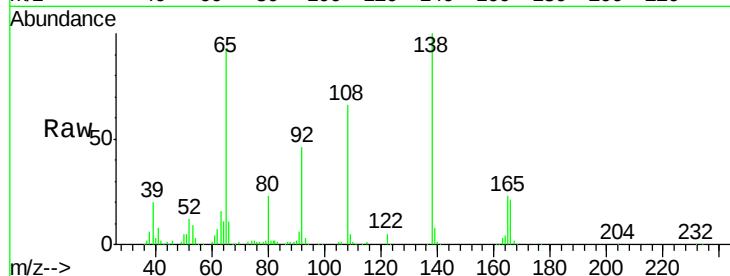




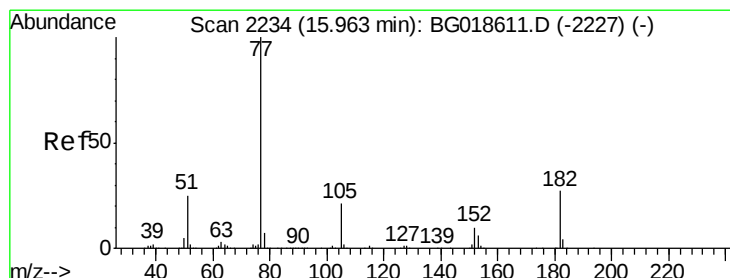
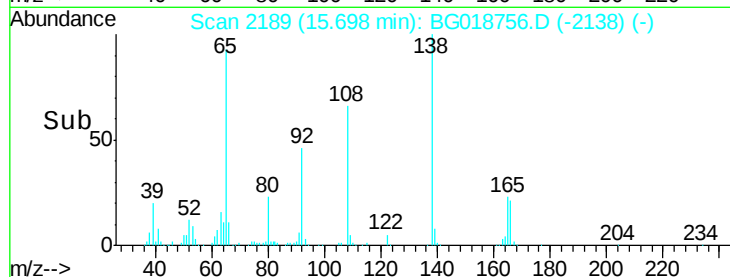
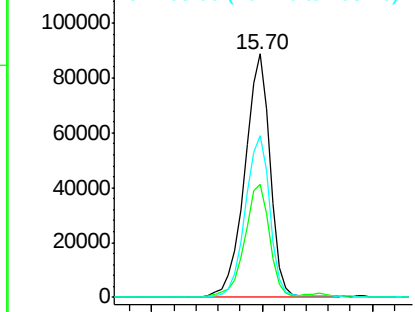
#61
4-Nitroaniline
Concen: 45.36 ng
RT: 15.70 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-K1-K2-K3-K4MS

Tot Ion:138 Resp: 143750
Ion Ratio Lower Upper
138 100
92 46.4 29.1 69.1
108 66.2 49.8 89.8

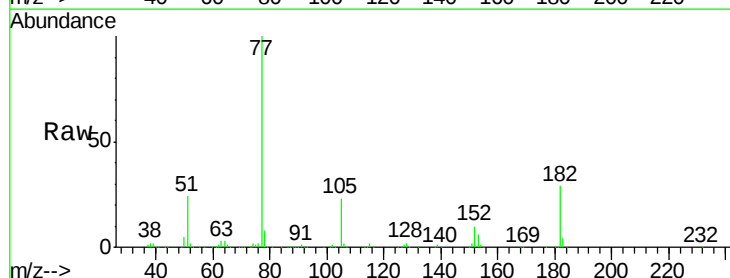


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

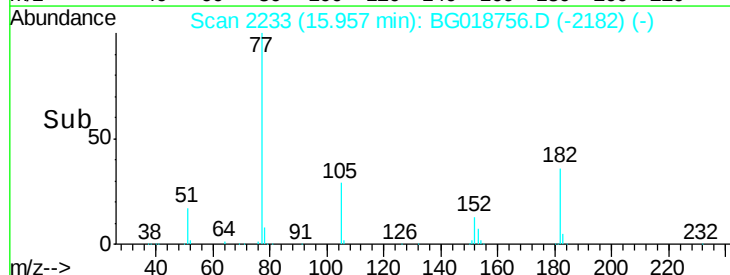
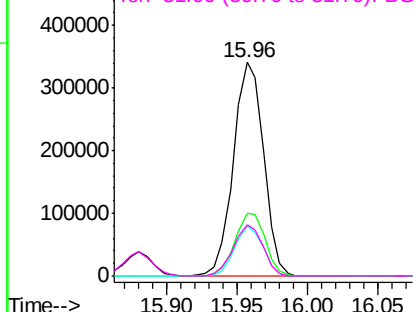


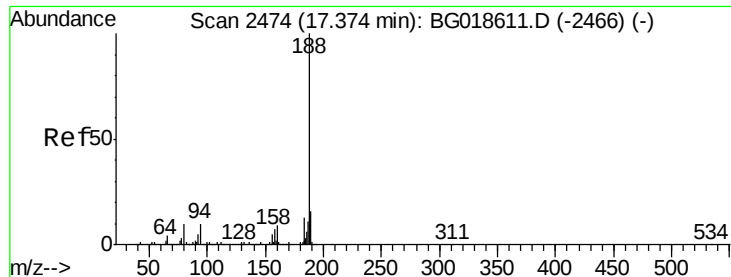
#62
Azobenzene
Concen: 48.61 ng
RT: 15.96 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

Tgt Ion: 77 Resp: 507275
Ion Ratio Lower Upper
77 100
182 29.4 7.0 47.0
105 23.5 1.4 41.4
51 24.3 4.9 44.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-K1-K2-K3-K4MS

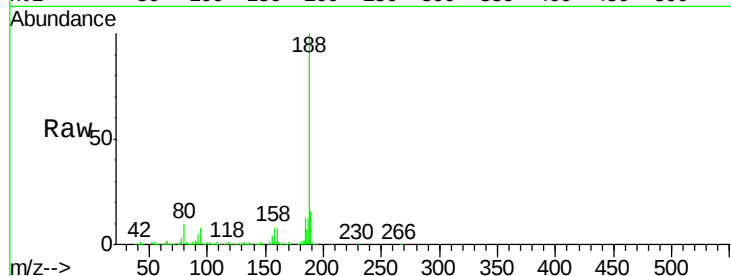
Tot Ion:188 Resp: 357188

Ion Ratio Lower Upper

188 100

94 8.1 7.7 11.5

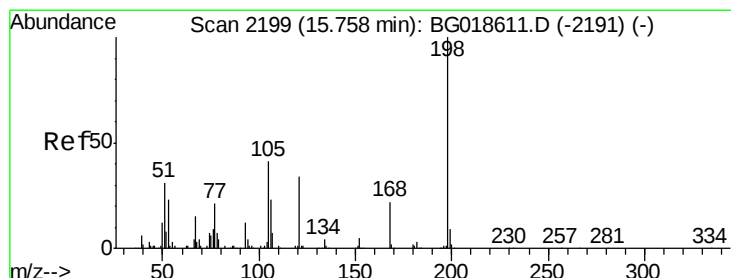
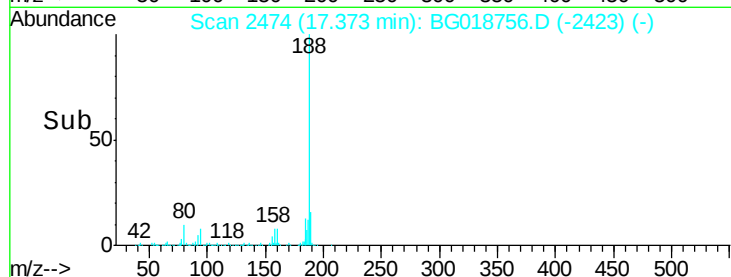
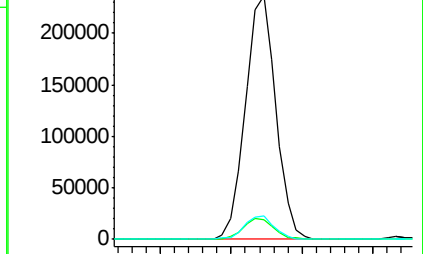
80 9.5 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 44.16 ng

RT: 15.75 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

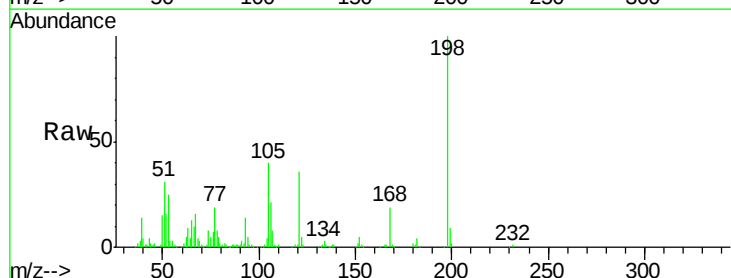
Tgt Ion:198 Resp: 84054

Ion Ratio Lower Upper

198 100

51 30.9 14.2 54.2

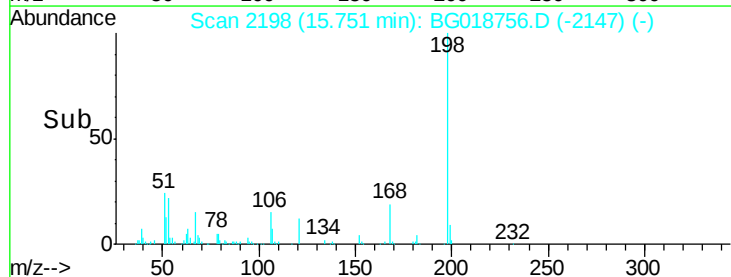
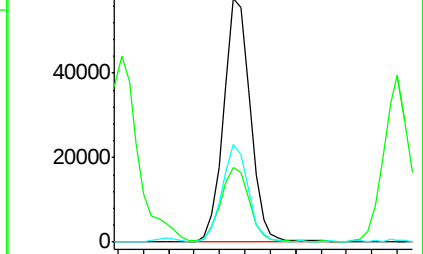
105 40.1 21.1 61.1

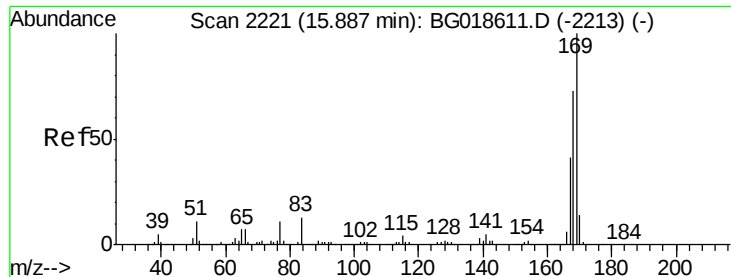


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

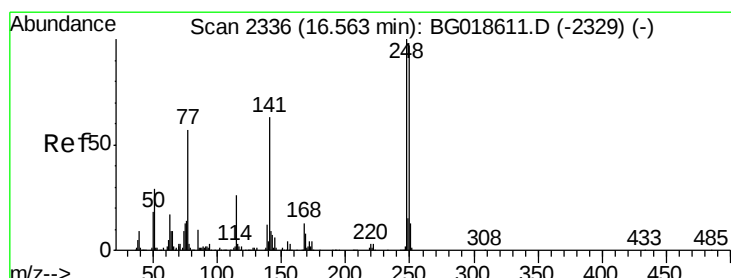
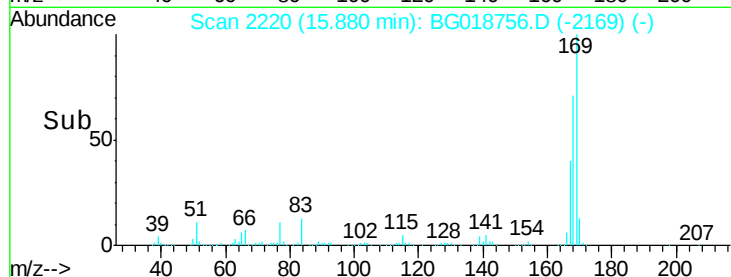
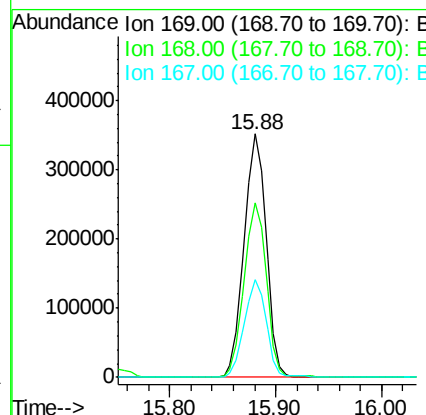
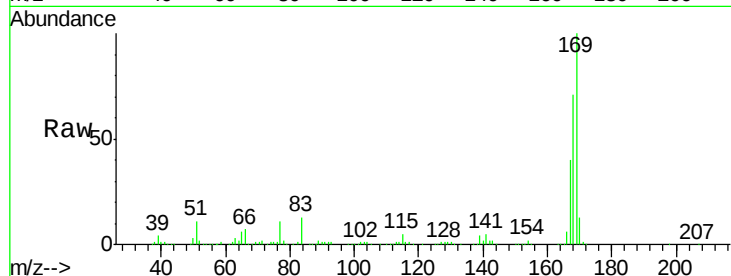




#65
n-Nitrosodiphenylamine
Concen: 49.06 ng
RT: 15.88 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

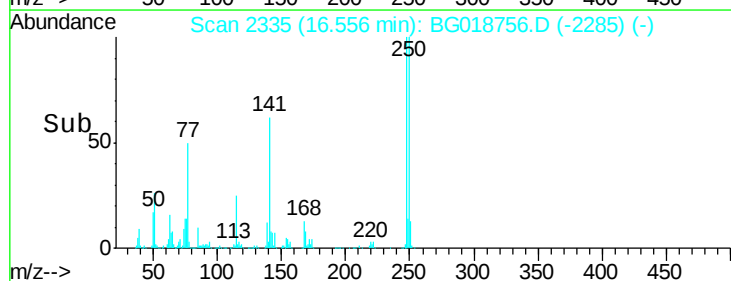
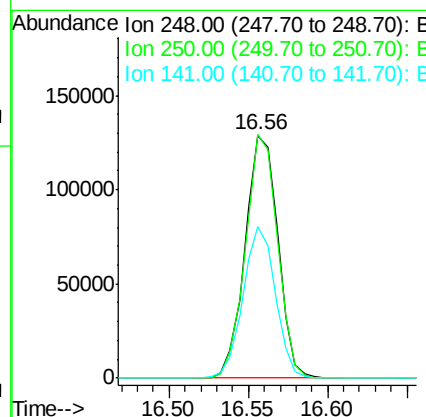
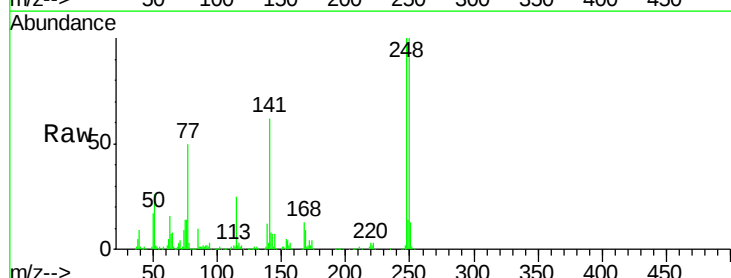
Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-K1-K2-K3-K4MS

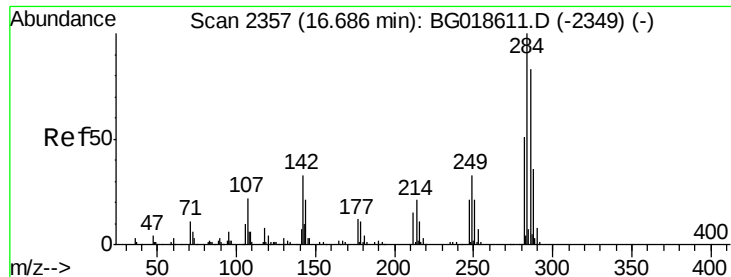
Tot Ion	Ratio	Lower	Upper
169	100		
168	71.5	58.2	87.2
167	40.0	32.7	49.1



#66
4-Bromophenyl-phenylether
Concen: 50.90 ng
RT: 16.56 min Scan# 2335
Delta R.T. -0.01 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.4	77.8	116.8
141	62.7	50.4	75.6

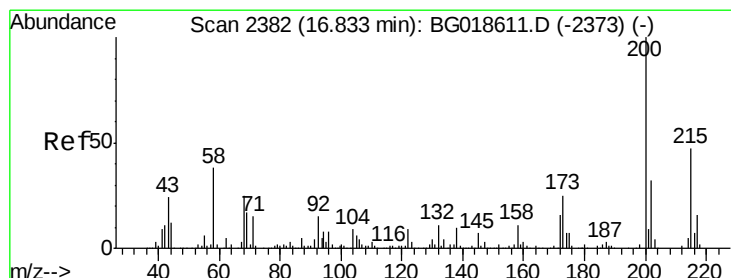
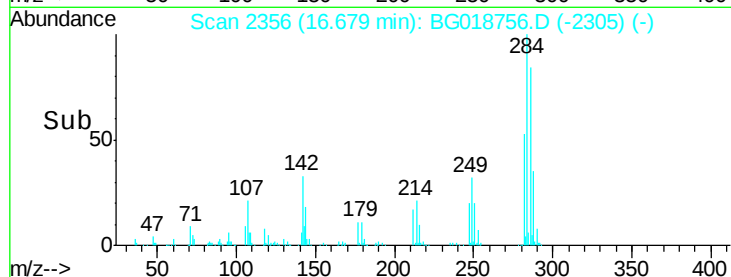
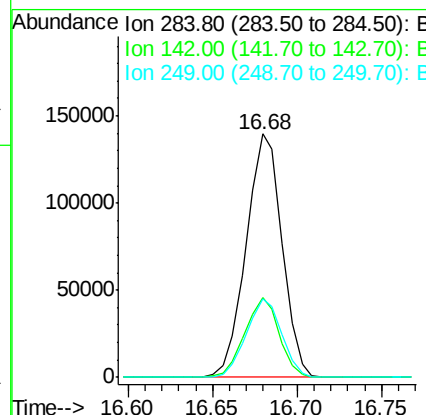
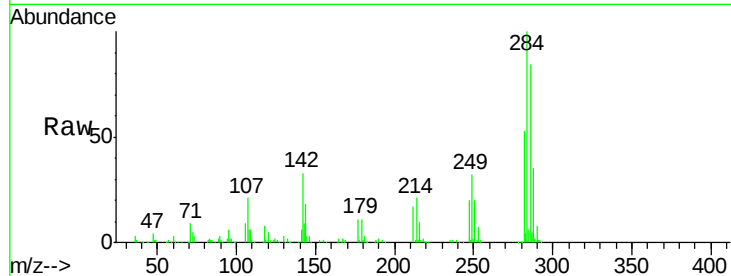




#67
Hexachlorobenzene
Concen: 52.25 ng
RT: 16.68 min Scan# 2356
Delta R.T. -0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

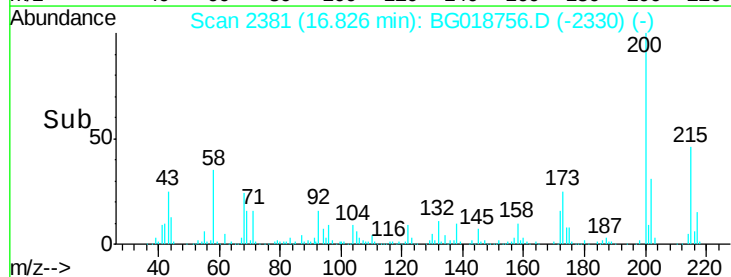
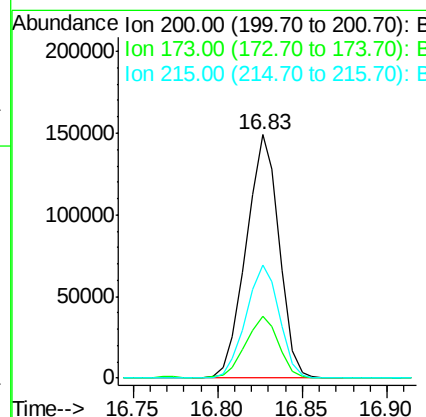
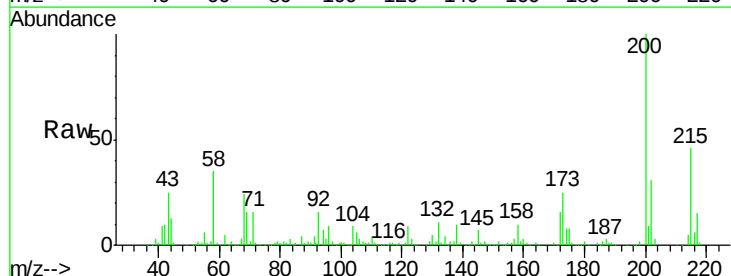
Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-K1-K2-K3-K4MS

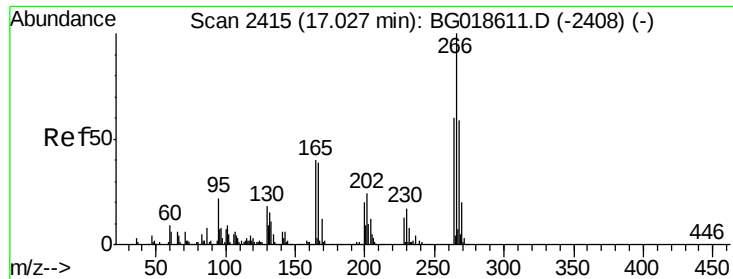
Tot Ion	Ratio	Lower	Upper
284	100		
142	32.6	26.6	39.8
249	32.3	26.2	39.2



#68
Atrazine
Concen: 49.27 ng
RT: 16.83 min Scan# 2381
Delta R.T. -0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.2	45.2
215	46.4	27.0	67.0





#69

Pentachlorophenol

Concen: 99.80 ng

RT: 17.03 min Scan# 2415

Delta R.T. 0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-K1-K2-K3-K4MS

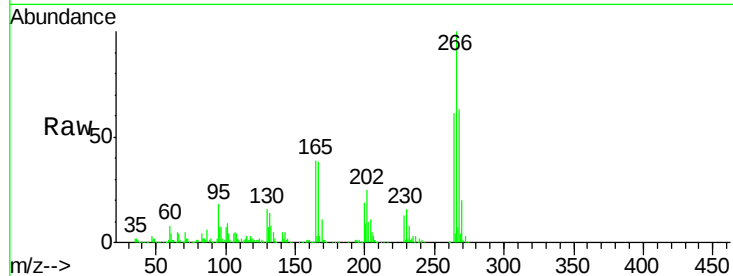
Tot Ion:266 Resp: 242936

Ion Ratio Lower Upper

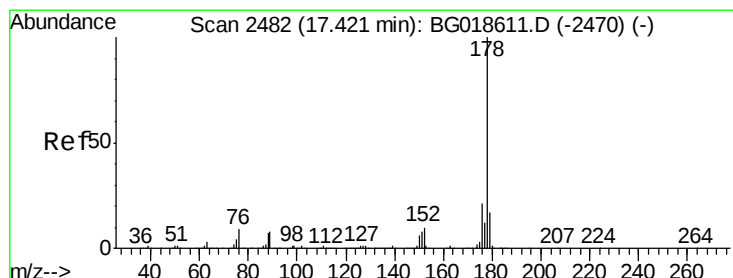
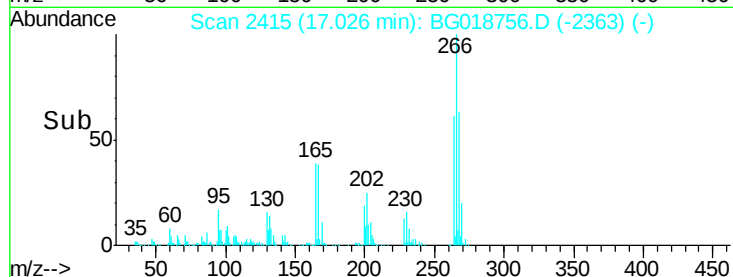
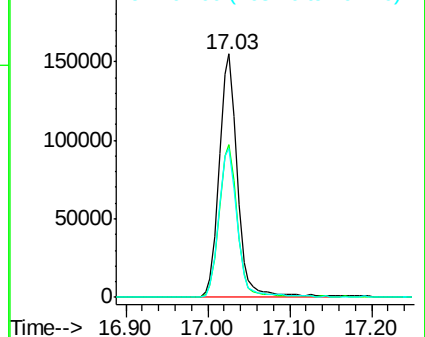
266 100

268 63.0 47.6 71.4

264 61.3 48.1 72.1



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



#70

Phenanthrene

Concen: 49.01 ng

RT: 17.41 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

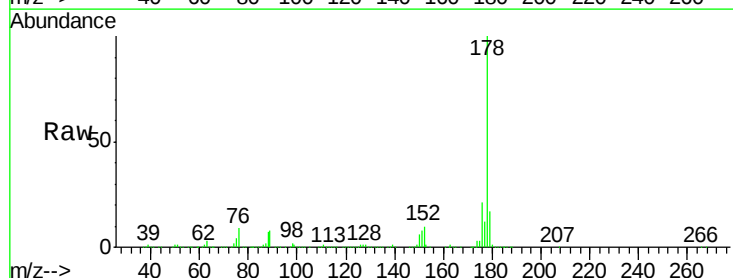
Tgt Ion:178 Resp: 920804

Ion Ratio Lower Upper

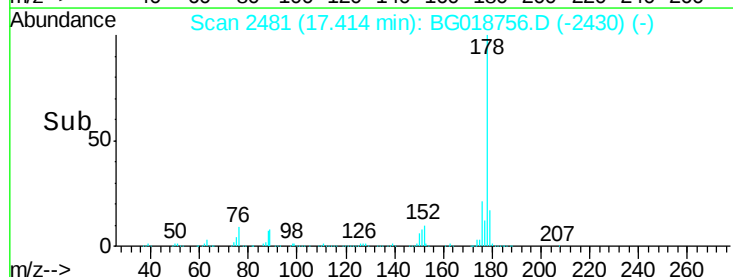
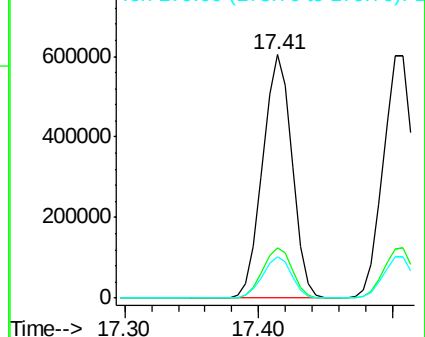
178 100

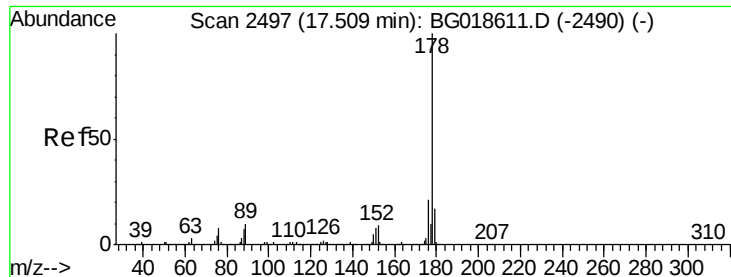
176 20.9 16.7 25.1

179 17.0 13.9 20.9



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

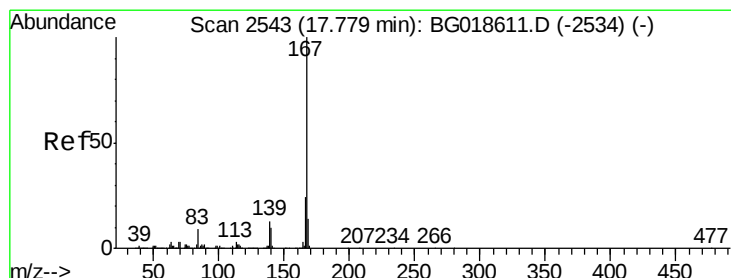
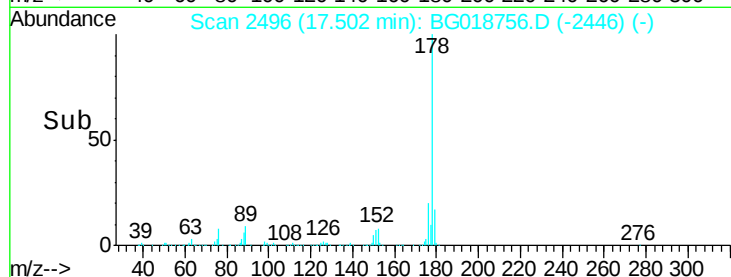
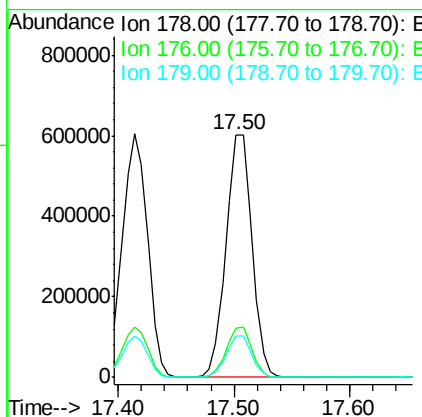
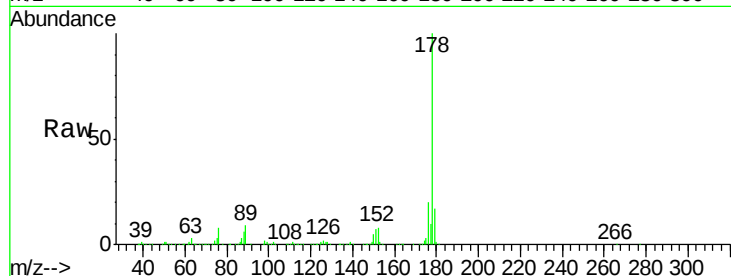




#71
 Anthracene
 Concen: 49.41 ng
 RT: 17.50 min Scan# 2496
 Delta R.T. -0.01 min
 Lab File: BG018756.D
 Acq: 18 Sep 2015 2:47

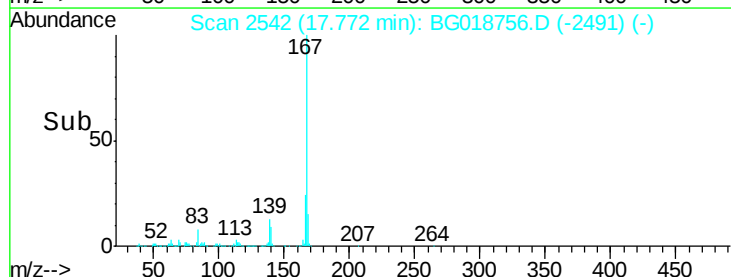
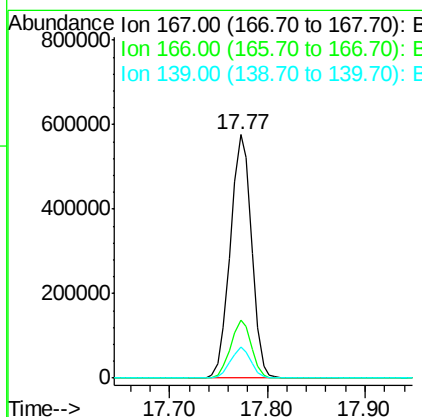
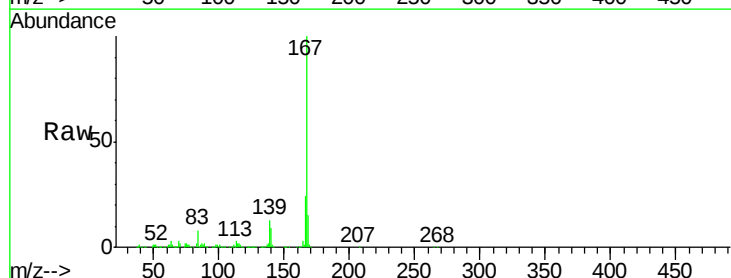
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-K1-K2-K3-K4MS

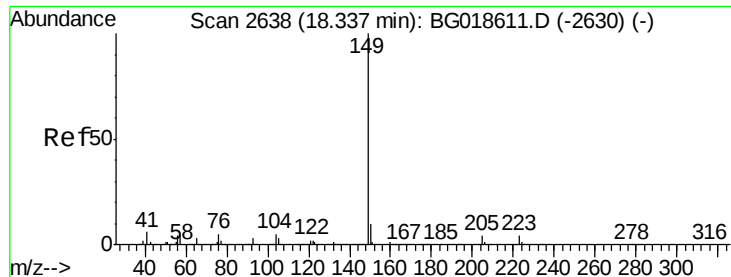
Tot Ion:178 Resp: 940036
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.8 25.2
 179 17.2 13.9 20.9



#72
 Carbazole
 Concen: 47.33 ng
 RT: 17.77 min Scan# 2542
 Delta R.T. -0.00 min
 Lab File: BG018756.D
 Acq: 18 Sep 2015 2:47

Tgt Ion:167 Resp: 871418
 Ion Ratio Lower Upper
 167 100
 166 24.1 19.0 28.6
 139 12.6 10.2 15.4





#73

Di-n-butylphthalate

Concen: 47.25 ng

RT: 18.32 min Scan# 2636

Delta R.T. -0.01 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

Instrument :

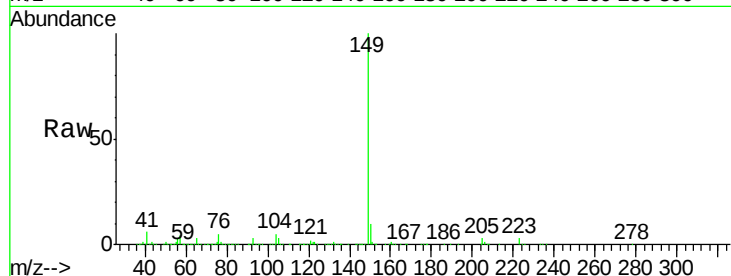
BNA_G

ClientSampleId :

FK-BPM-02-K1-K2-K3-K4MS

Tot Ion:149 Resp: 1026067

Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.2	12.4
104	5.1	4.4	6.6

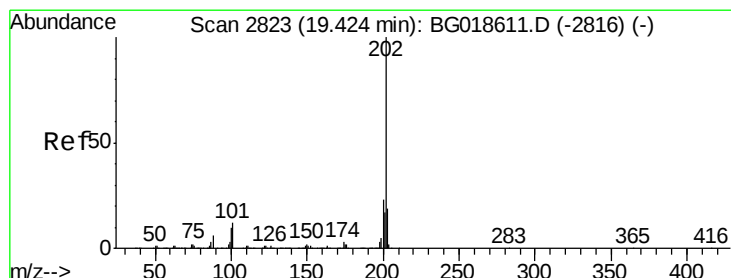
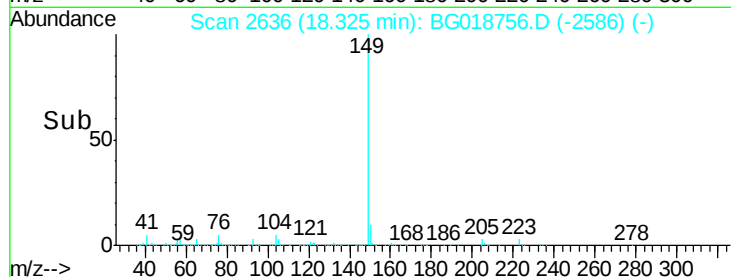
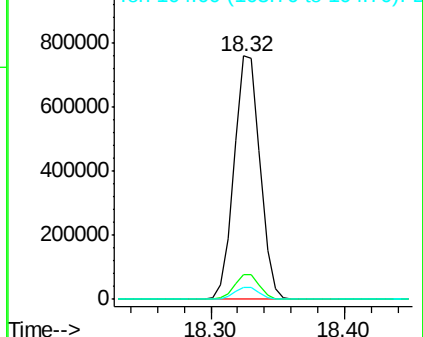


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.19 ng

RT: 19.42 min Scan# 2823

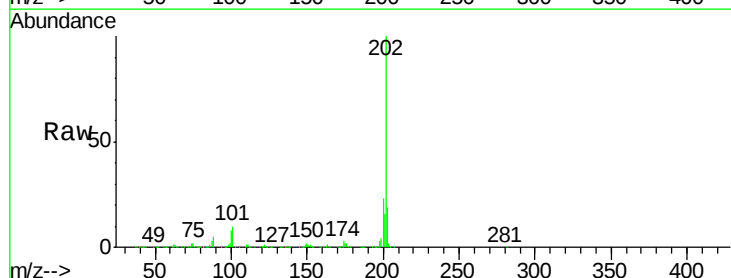
Delta R.T. 0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

Tgt Ion:202 Resp: 1074789

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	32.4
203	19.3	0.0	39.5

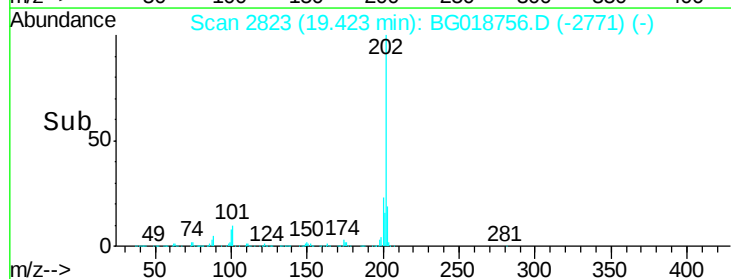
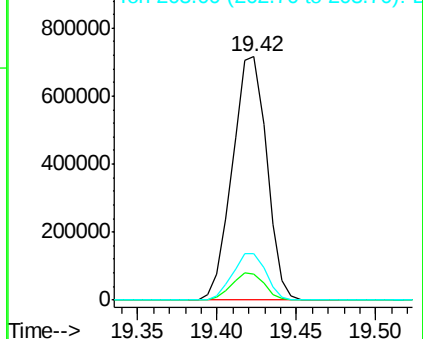


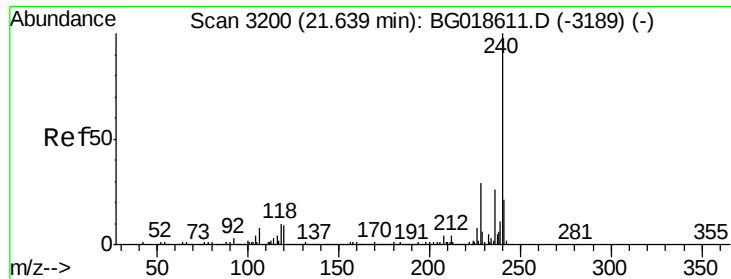
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-K1-K2-K3-K4MS

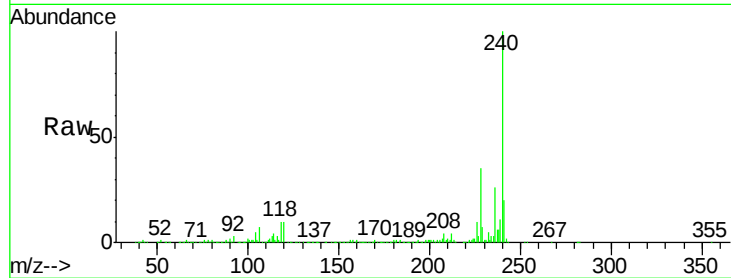
Tot Ion:240 Resp: 363770

Ion Ratio Lower Upper

240 100

120 10.4 7.4 11.0

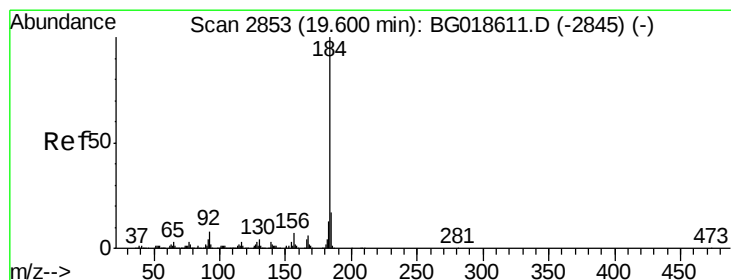
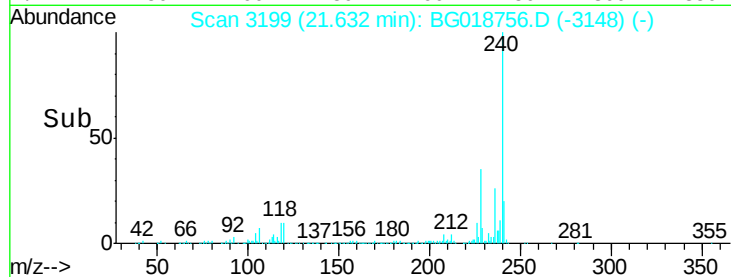
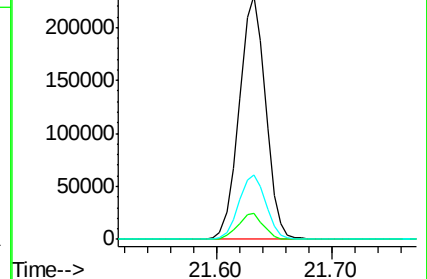
236 26.3 20.7 31.1



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: 23.12 ng

RT: 19.60 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

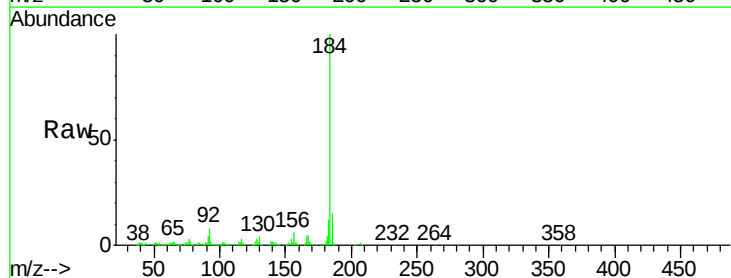
Tgt Ion:184 Resp: 252570

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.2

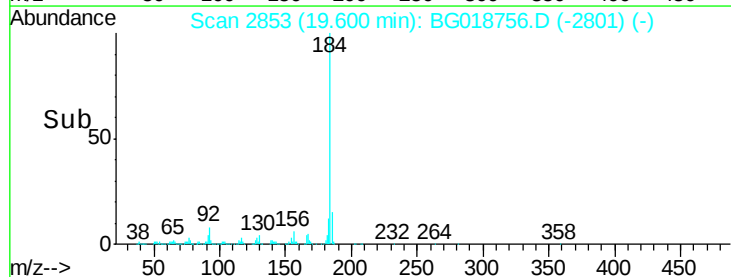
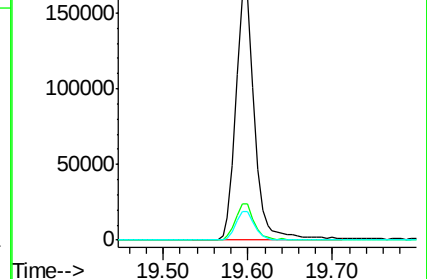
183 12.0 10.1 15.1

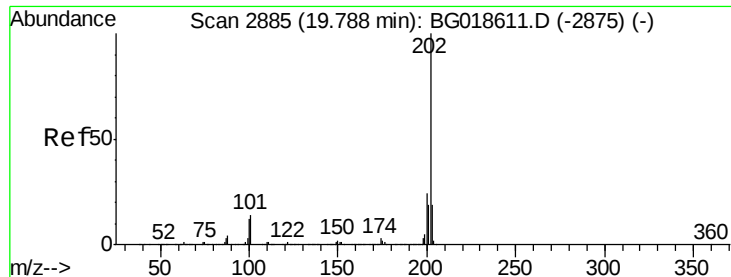


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

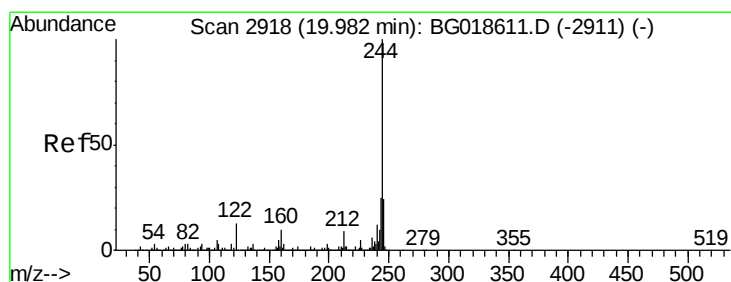
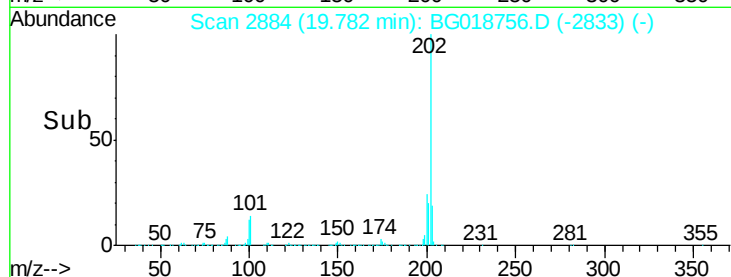
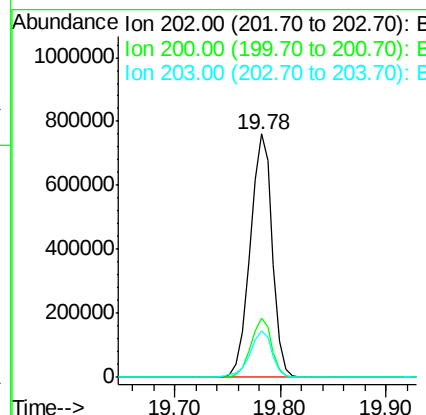
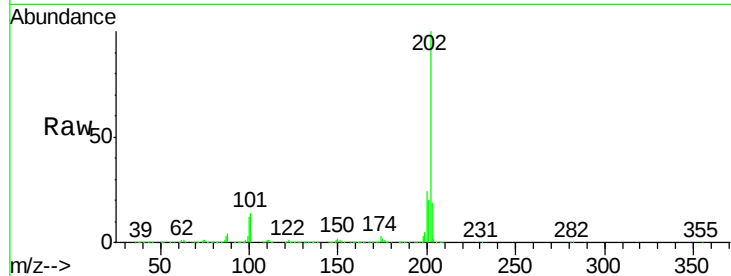




#77
Pvrene
Concen: 49.22 ng
RT: 19.78 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

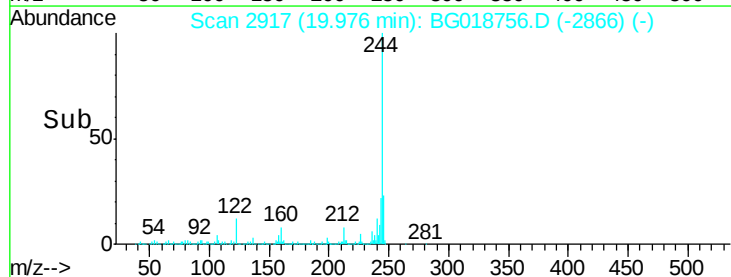
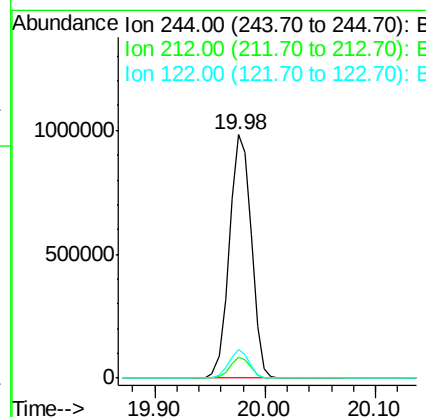
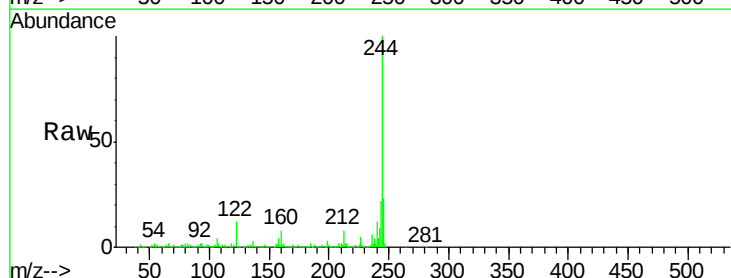
Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-K1-K2-K3-K4MS

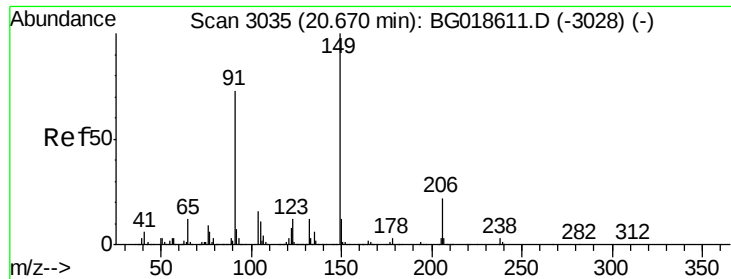
Tot Ion:202 Resp: 1100323
Ion Ratio Lower Upper
202 100
200 24.3 19.4 29.0
203 19.2 15.5 23.3



#78
Terphenyl-d14
Concen: 99.02 ng
RT: 19.98 min Scan# 2917
Delta R.T. -0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

Tgt Ion:244 Resp: 1371656
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 11.6 10.2 15.2

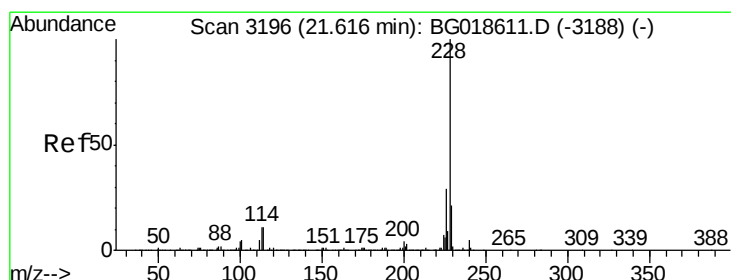
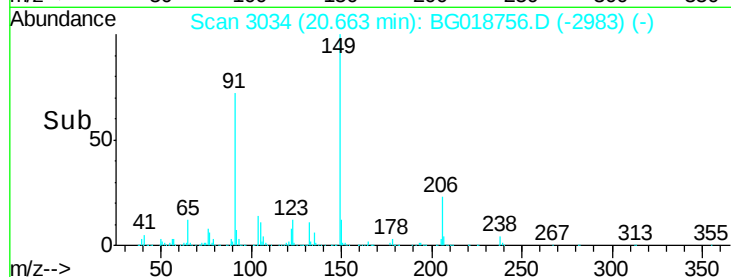
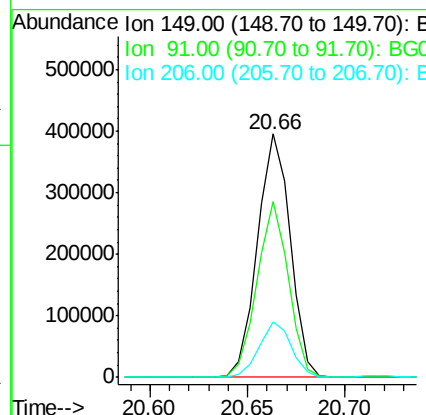
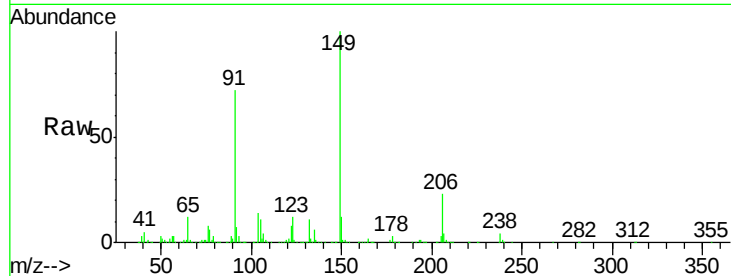




#79
Butylbenzylphthalate
Concen: 50.63 ng
RT: 20.66 min Scan# 3034
Delta R.T. -0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

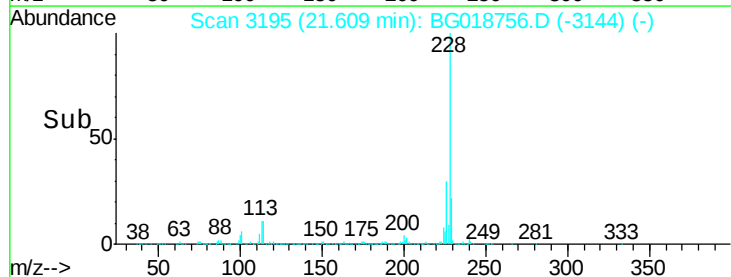
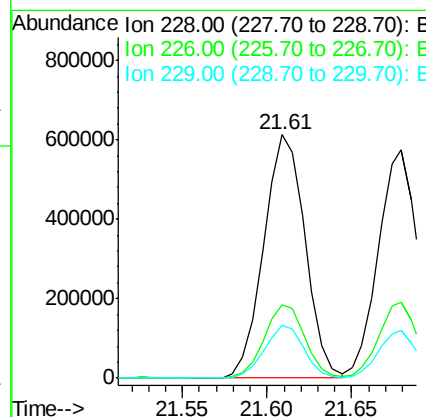
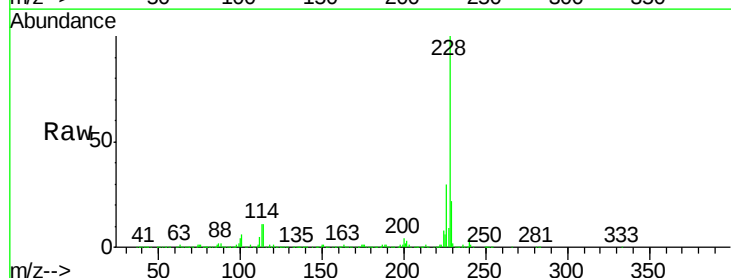
Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-K1-K2-K3-K4MS

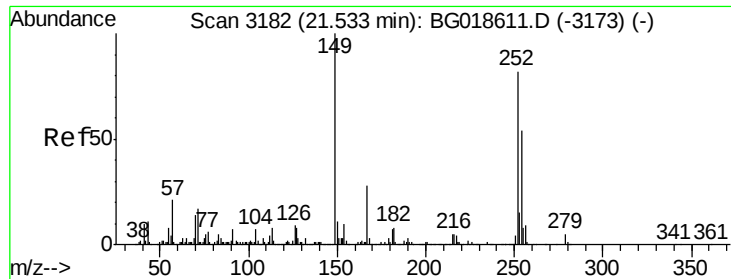
Tot Ion:149 Resp: 460141
Ion Ratio Lower Upper
149 100
91 72.1 58.1 87.1
206 22.7 17.8 26.8



#80
Benzo(a)anthracene
Concen: 49.73 ng
RT: 21.61 min Scan# 3195
Delta R.T. -0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

Tgt Ion:228 Resp: 1041591
Ion Ratio Lower Upper
228 100
226 30.2 23.4 35.0
229 21.6 16.6 25.0

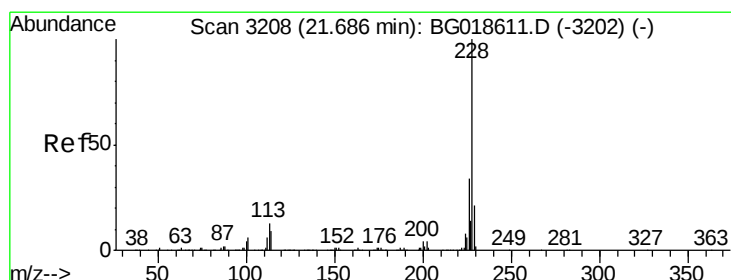
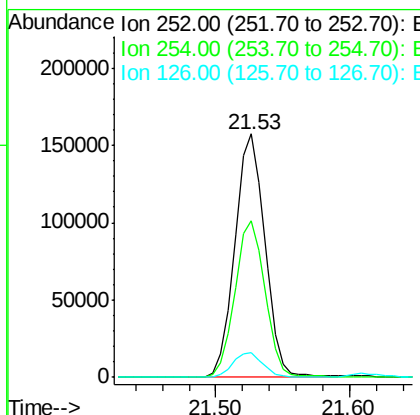
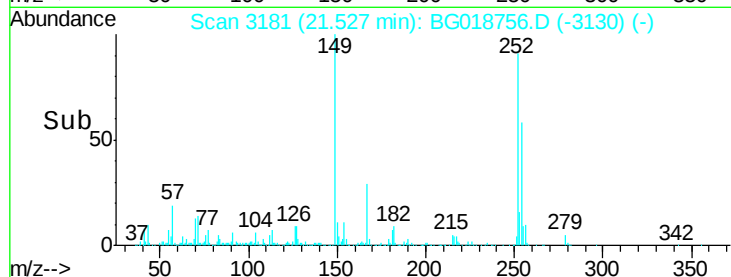
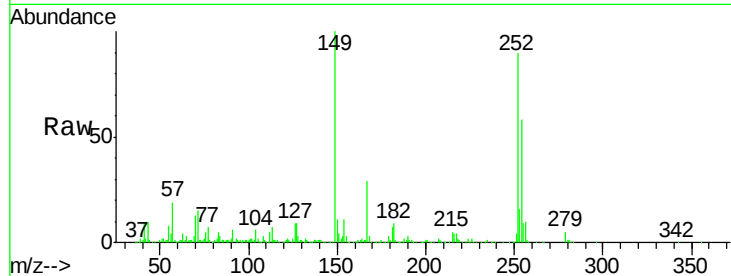




#81
 3,3'-Dichlorobenzidine
 Concen: 30.99 ng
 RT: 21.53 min Scan# 3181
 Delta R.T. -0.00 min
 Lab File: BG018756.D
 Acq: 18 Sep 2015 2:47

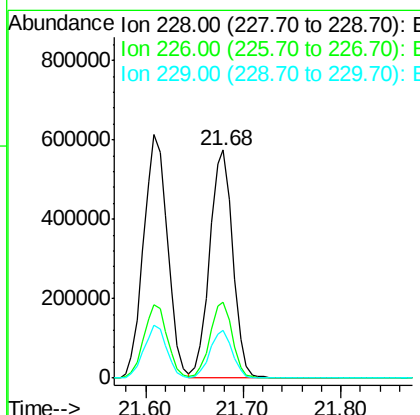
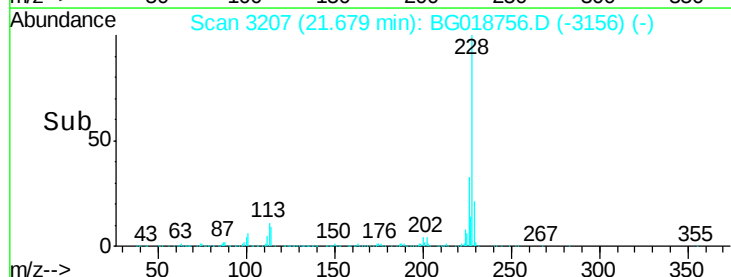
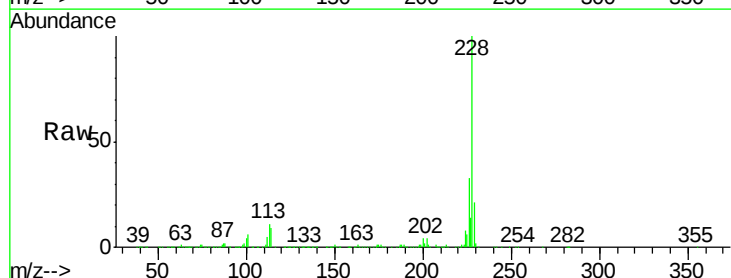
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-K1-K2-K3-K4MS

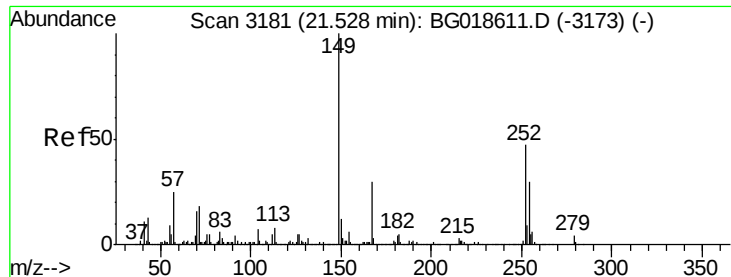
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.5	78.7
126	10.4	8.5	12.7



#82
 Chrysene
 Concen: 47.60 ng
 RT: 21.68 min Scan# 3207
 Delta R.T. -0.00 min
 Lab File: BG018756.D
 Acq: 18 Sep 2015 2:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.2	26.7	40.1
229	20.9	17.0	25.6

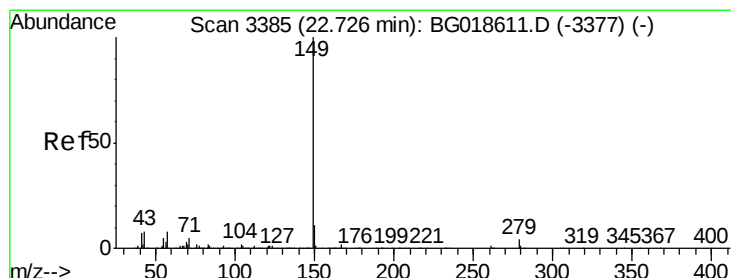
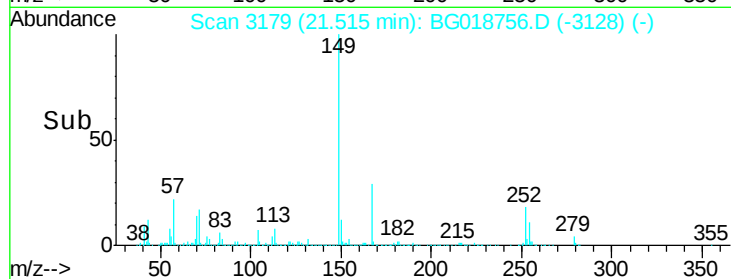
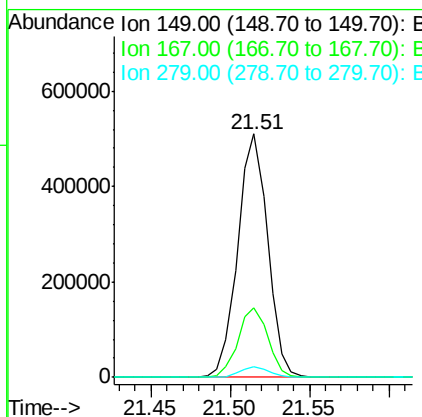
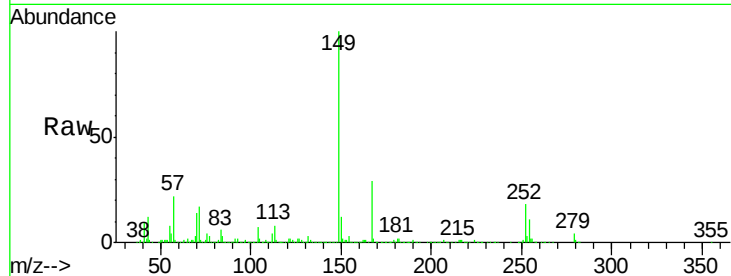




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.81 ng
 RT: 21.51 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: BG018756.D
 Acq: 18 Sep 2015 2:47

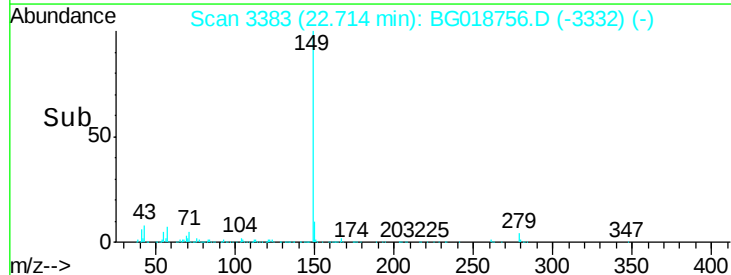
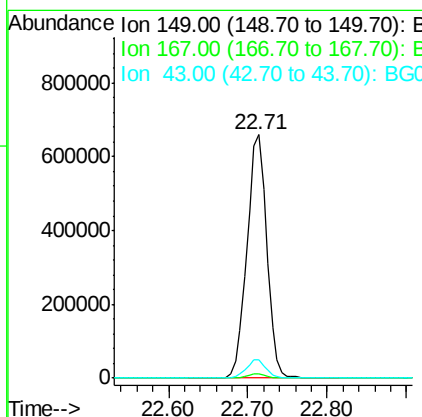
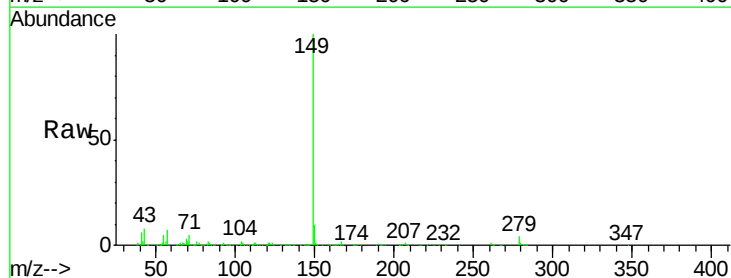
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-K1-K2-K3-K4MS

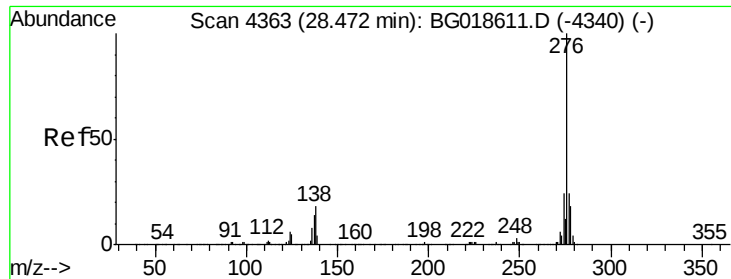
Tot Ion:149 Resp: 666170
 Ion Ratio Lower Upper
 149 100
 167 28.6 23.8 35.8
 279 4.3 3.4 5.2



#84
 Di-n-octyl phthalate
 Concen: 51.64 ng
 RT: 22.71 min Scan# 3383
 Delta R.T. -0.00 min
 Lab File: BG018756.D
 Acq: 18 Sep 2015 2:47

Tgt Ion:149 Resp: 1145195
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 7.5 5.9 8.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.02 ng

RT: 28.45 min Scan# 4360

Delta R.T. -0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-K1-K2-K3-K4MS

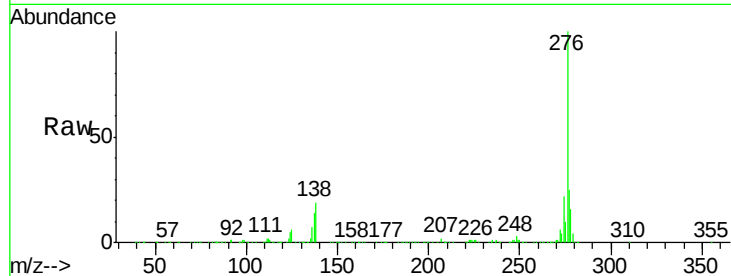
Tot Ion:276 Resp: 1227649

Ion Ratio Lower Upper

276 100

138 15.1 0.0 0.0#

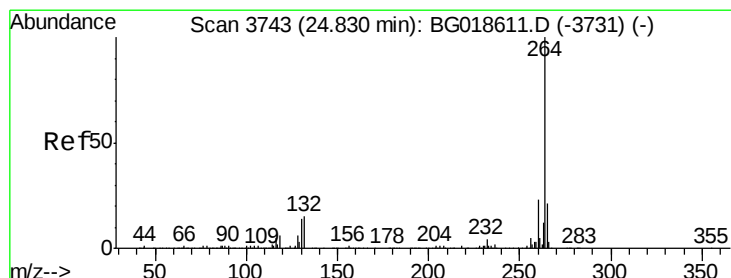
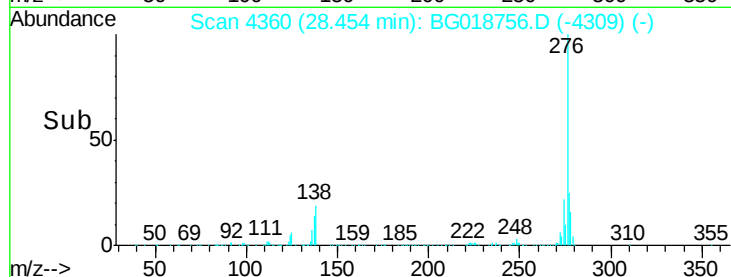
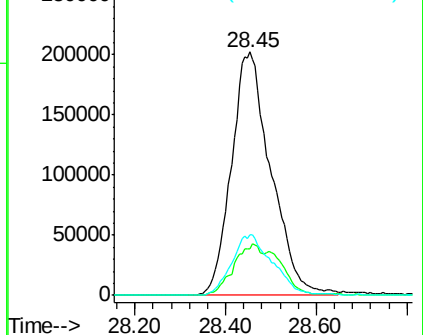
277 25.9 0.0 0.0#



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: 24.82 min Scan# 3741

Delta R.T. -0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

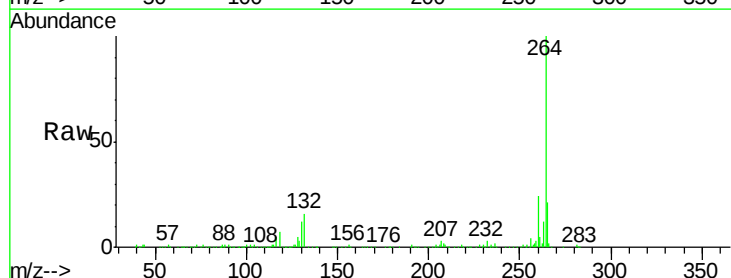
Tgt Ion:264 Resp: 372588

Ion Ratio Lower Upper

264 100

260 24.4 18.5 27.7

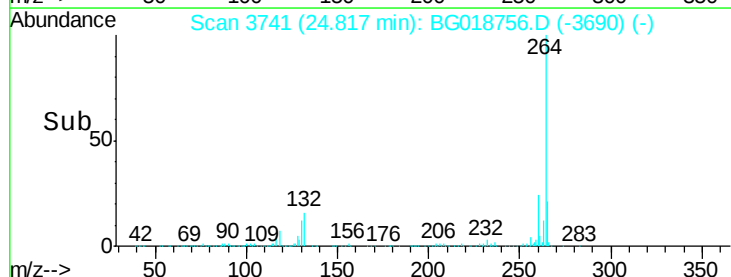
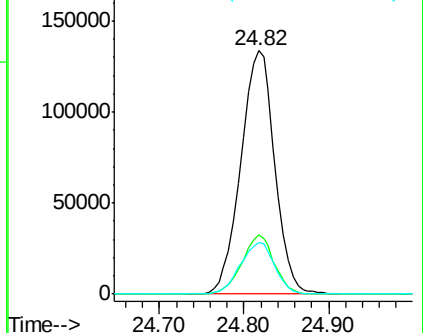
265 21.4 17.2 25.8

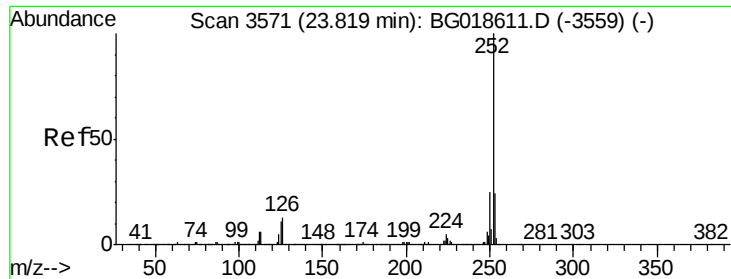


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 51.02 ng

RT: 23.81 min Scan# 3569

Delta R.T. -0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-K1-K2-K3-K4MS

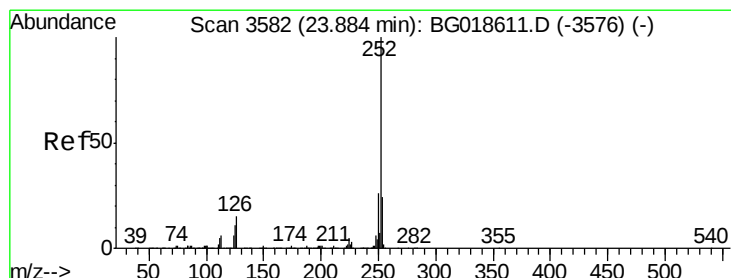
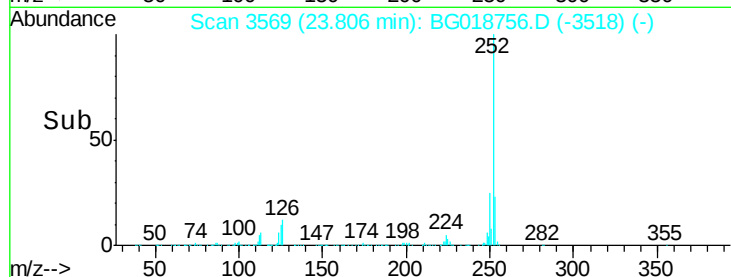
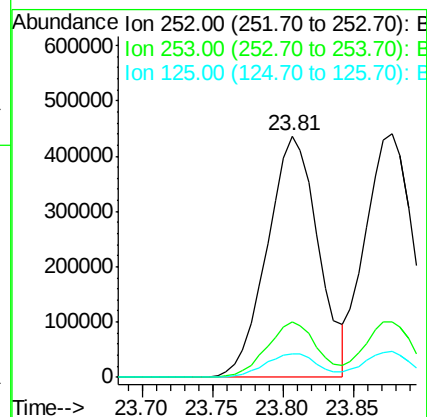
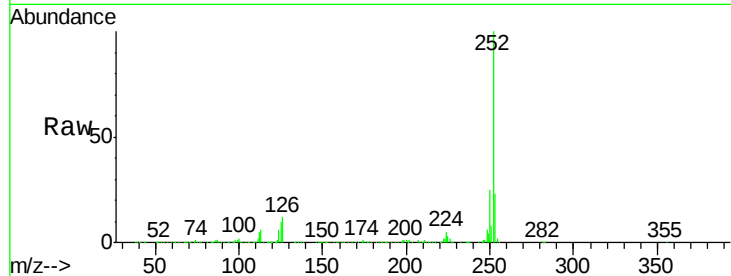
Tot Ion:252 Resp: 1102454

Ion Ratio Lower Upper

252 100

253 22.8 19.1 28.7

125 9.7 8.9 13.3



#88

Benzo(k)fluoranthene

Concen: 47.83 ng

RT: 23.88 min Scan# 3581

Delta R.T. -0.00 min

Lab File: BG018756.D

Acq: 18 Sep 2015 2:47

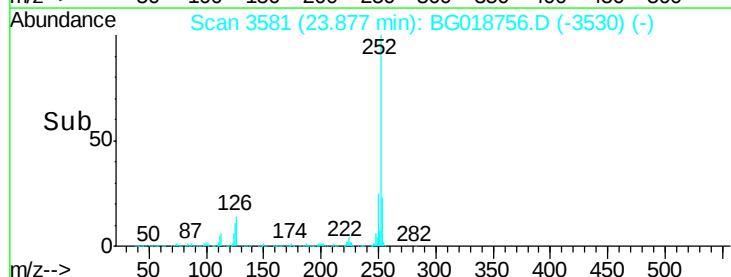
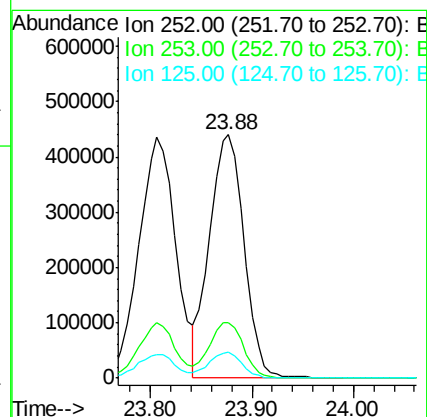
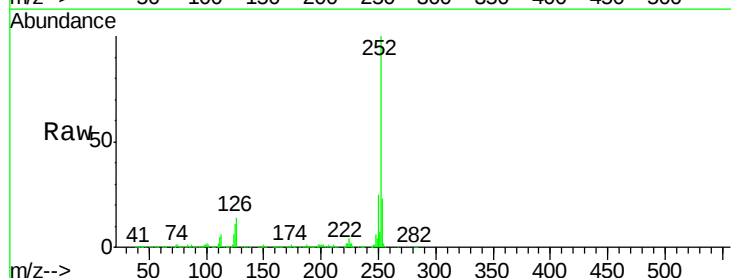
Tgt Ion:252 Resp: 1035251

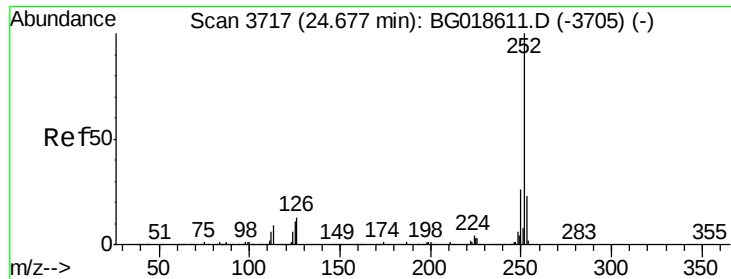
Ion Ratio Lower Upper

252 100

253 22.8 19.0 28.4

125 10.8 8.9 13.3

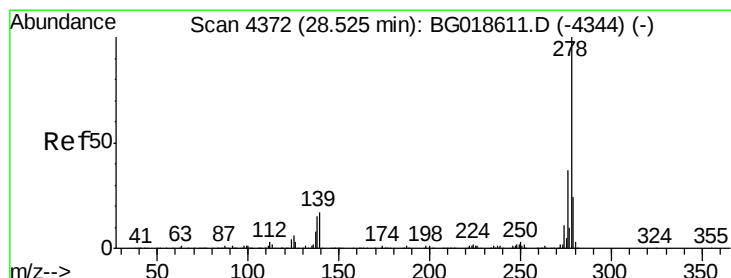
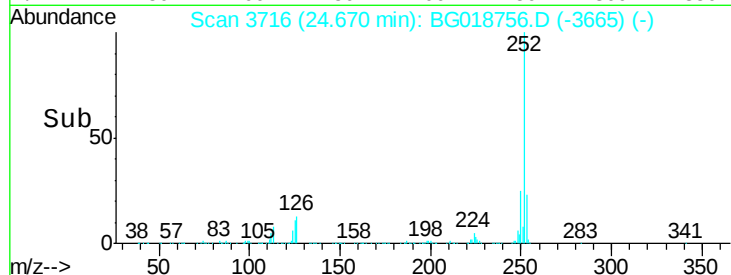
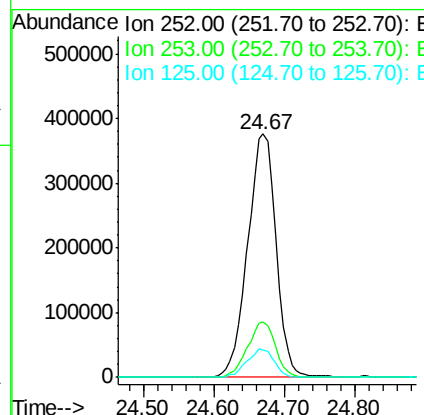
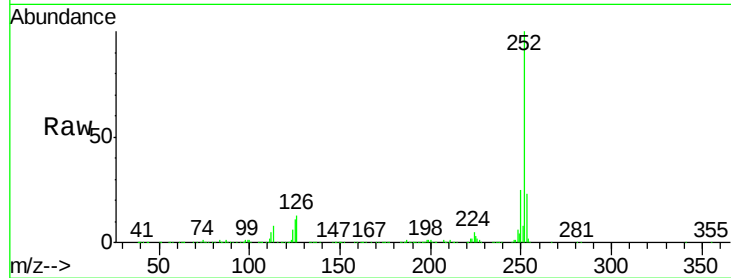




#89
Benzo(a)pyrene
Concen: 51.34 ng
RT: 24.67 min Scan# 3716
Delta R.T. -0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

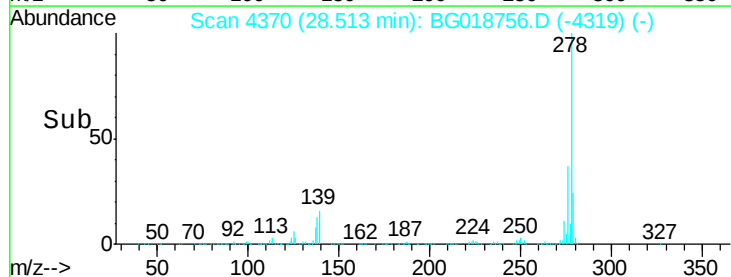
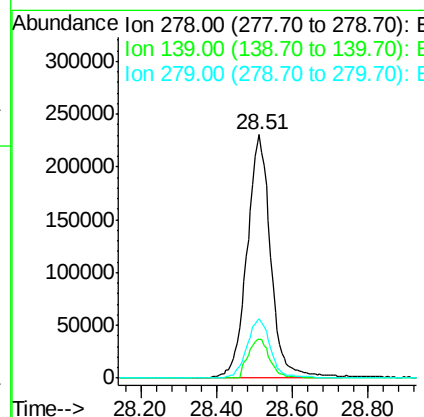
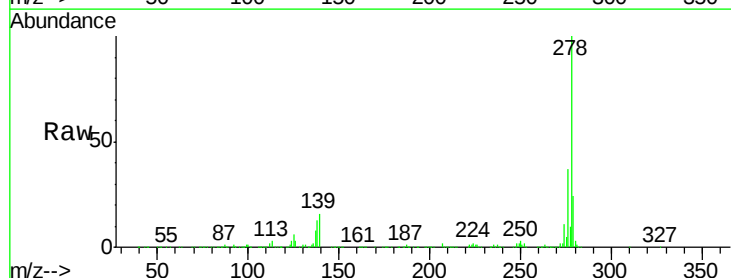
Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-K1-K2-K3-K4MS

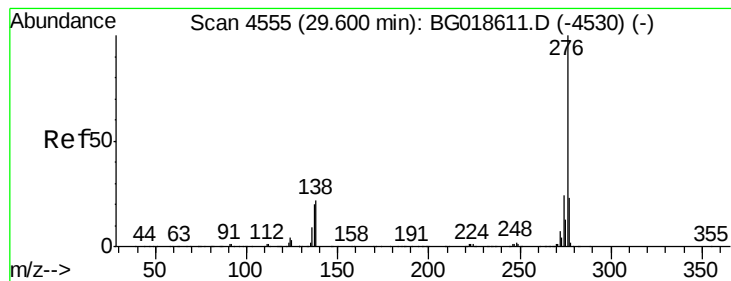
Tot Ion:252 Resp: 1055445
Ion Ratio Lower Upper
252 100
253 22.6 18.7 28.1
125 11.3 9.1 13.7



#90
Dibenzo(a,h)anthracene
Concen: 49.60 ng
RT: 28.51 min Scan# 4370
Delta R.T. -0.00 min
Lab File: BG018756.D
Acq: 18 Sep 2015 2:47

Tgt Ion:278 Resp: 1004148
Ion Ratio Lower Upper
278 100
139 16.1 13.8 20.6
279 24.2 19.4 29.0





#91
 Benzo(a,h,i)perylene
 Concen: 48.91 ng
 RT: 29.60 min Scan# 4555
 Delta R.T. 0.00 min
 Lab File: BG018756.D
 Acq: 18 Sep 2015 2:47

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-K1-K2-K3-K4MS

Tot Ion:276 Resp: 1008328

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.4	27.6
138	21.0	17.4	26.0

