

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
 Data File : BG023084.D
 Acq On : 14 Jul 2016 1:52
 Operator : UM/SJ
 Sample : PB92013BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92013BS

Quant Time: Jul 14 04:45:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	103372	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	510909	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	403973	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	984668	20.00	ng	0.00
75) Chrysene-d12	21.87	240	1029381	20.00	ng	0.02
86) Perylene-d12	25.25	264	1024585	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	844355	133.59	ng	0.00
7) Phenol-d6	7.31	99	1324000	133.75	ng	0.00
23) Nitrobenzene-d5	9.33	82	915374	76.72	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	721324	99.35	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1916934	74.74	ng	0.00
78) Terphenyl-d14	20.16	244	2748447	84.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	125750	51.19	ng	97
3) Pyridine	3.97	79	257285	30.60	ng	96
4) n-Nitrosodimethylamine	3.88	42	138164	38.31	ng	# 91
6) Aniline	7.47	93	352718	25.71	ng	98
8) 2-Chlorophenol	7.72	128	305777	45.46	ng	97
9) Benzaldehyde	7.28	77	121230	18.33	ng	92
10) Phenol	7.34	94	471718	46.31	ng	91
11) bis(2-Chloroethyl)ether	7.56	93	313953	38.89	ng	91
12) 1,3-Dichlorobenzene	8.04	146	297905	36.18	ng	98
13) 1,4-Dichlorobenzene	8.19	146	305608	37.08	ng	97
14) 1,2-Dichlorobenzene	8.51	146	303186	37.00	ng	97
15) Benzyl Alcohol	8.39	79	415991	45.88	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.68	45	390757	39.63	ng	96
17) 2-Methylphenol	8.60	107	310803	46.88	ng	97
18) Hexachloroethane	9.25	117	130530	37.51	ng	93
19) n-Nitroso-di-n-propylamine	8.96	70	340183	38.12	ng	99
20) 3+4-Methylphenols	8.93	107	430269	46.53	ng	99
22) Acetophenone	8.98	105	551191	35.95	ng	# 93
24) Nitrobenzene	9.37	77	487186	38.43	ng	92
25) Isophorone	9.89	82	893501	37.23	ng	98
26) 2-Nitrophenol	10.09	139	195814	39.36	ng	88
27) 2,4-Dimethylphenol	10.14	122	342820	39.86	ng	90
28) bis(2-Chloroethoxy)methane	10.37	93	494850	36.97	ng	99
29) 2,4-Dichlorophenol	10.63	162	391344	42.67	ng	97
30) 1,2,4-Trichlorobenzene	10.84	180	374217	35.60	ng	98
31) Naphthalene	11.03	128	950537	36.55	ng	98
32) Benzoic acid	10.28	122	251129	32.10	ng	94
33) 4-Chloroaniline	11.14	127	187842	14.77	ng	92
34) Hexachlorobutadiene	11.31	225	287097	33.70	ng	96
35) Caprolactam	11.92	113	135786m	35.98	ng	
36) 4-Chloro-3-methylphenol	12.27	107	485995	38.74	ng	96
37) 2-Methylnaphthalene	12.63	142	771559	37.53	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	508334	29.20	ng	98
40) Hexachlorocyclopentadiene	12.97	237	661029	65.96	ng	99

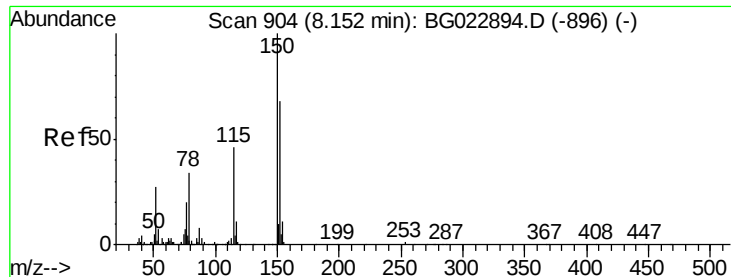
Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
 Data File : BG023084.D
 Acq On : 14 Jul 2016 1:52
 Operator : UM/SJ
 Sample : PB92013BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92013BS

Quant Time: Jul 14 04:45:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	371209	37.10	nq	95
43) 2,4,5-Trichlorophenol	13.31	196	404019	39.32	nq	96
45) 1,1'-Biphenyl	13.63	154	1115095	36.79	nq	98
46) 2-Chloronaphthalene	13.68	162	920390	37.43	nq	97
47) 2-Nitroaniline	13.88	65	404789	38.58	nq	96
48) Acenaphthylene	14.53	152	1377834	37.36	nq	99
49) Dimethylphthalate	14.25	163	1230080	37.28	nq	97
50) 2,6-Dinitrotoluene	14.37	165	285605	38.51	nq	88
51) Acenaphthene	14.87	154	904802	37.54	nq	99
52) 3-Nitroaniline	14.71	138	168950	22.85	nq	# 87
53) 2,4-Dinitrophenol	14.91	184	363680	71.47	nq	97
54) Dibenzofuran	15.20	168	1462714	40.54	nq	100
55) 4-Nitrophenol	15.02	139	441743	71.26	nq	96
56) 2,4-Dinitrotoluene	15.16	165	430068	39.78	nq	96
57) Fluorene	15.85	166	1196317	38.53	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	419191	40.78	nq	# 99
59) Diethylphthalate	15.61	149	1290684	38.44	nq	97
60) 4-Chlorophenyl-phenylether	15.84	204	687490	36.35	nq	98
61) 4-Nitroaniline	15.88	138	283312	35.41	nq	# 85
62) Azobenzene	16.13	77	1414917	44.06	nq	94
64) 4,6-Dinitro-2-methylphenol	15.93	198	266045	36.35	nq	96
65) n-Nitrosodiphenylamine	16.05	169	1109223	39.10	nq	96
66) 4-Bromophenyl-phenylether	16.74	248	469498	36.65	nq	91
67) Hexachlorobenzene	16.86	284	497802	35.74	nq	97
68) Atrazine	17.00	200	470983	37.43	nq	97
69) Pentachlorophenol	17.21	266	635712	70.47	nq	98
70) Phenanthrene	17.60	178	1888711	39.14	nq	97
71) Anthracene	17.69	178	1937828	39.66	nq	97
72) Carbazole	17.96	167	1685244	39.91	nq	99
73) Di-n-butylphthalate	18.50	149	1992689	42.44	nq	99
74) Fluoranthene	19.61	202	2197851	37.11	nq	98
76) Benzidine	19.79	184	984731	33.37	nq	99
77) Pyrene	19.97	202	2218560	38.35	nq	98
79) Butylbenzylphthalate	20.84	149	982736	42.89	nq	98
80) Benzo(a)anthracene	21.85	228	2296438	39.87	nq	98
81) 3,3'-Dichlorobenzidine	21.75	252	634922	25.12	nq	# 95
82) Chrysene	21.91	228	2129280	39.41	nq	98
83) Bis(2-ethylhexyl)phthalate	21.72	149	1324434	41.63	nq	100
84) Di-n-octyl phthalate	22.99	149	2213988	41.73	nq	99
85) Indeno(1,2,3-cd)pyrene	29.12	276	2563006	37.21	nq	# 100
87) Benzo(b)fluoranthene	24.17	252	2369990m	40.09	nq	
88) Benzo(k)fluoranthene	24.25	252	2341423	41.74	nq	# 98
89) Benzo(a)pyrene	25.09	252	2300539	40.60	nq	# 97
90) Dibenzo(a,h)anthracene	29.19	278	2109755	37.51	nq	# 95
91) Benzo(g,h,i)perylene	30.33	276	2100675	37.30	nq	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

Instrument :

BNA_G

ClientSampleId :

PB92013BS

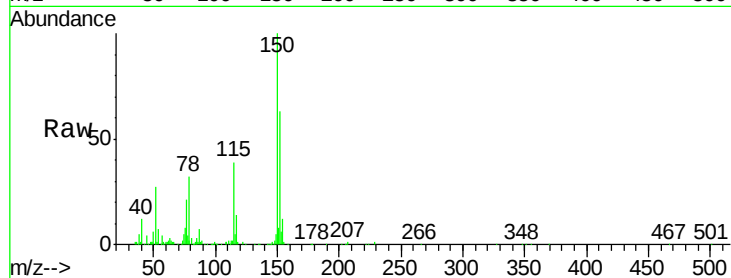
Tot Ion:152 Resp: 103372

Ion Ratio Lower Upper

152 100

150 159.4 144.7 217.1

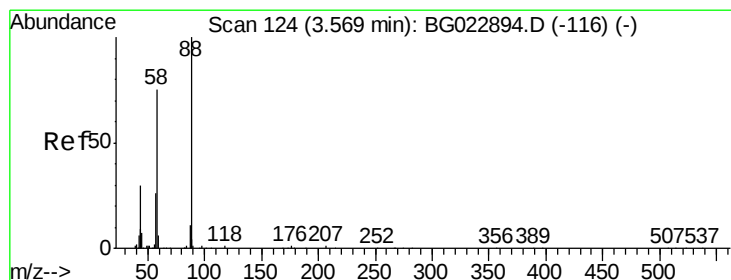
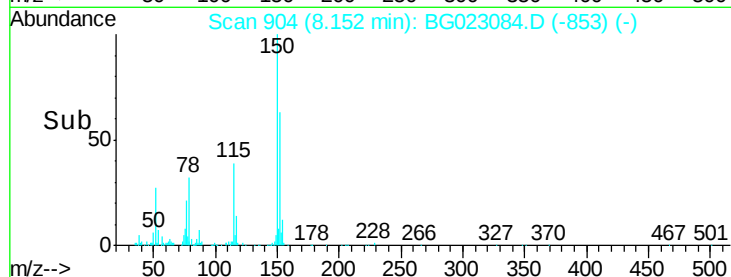
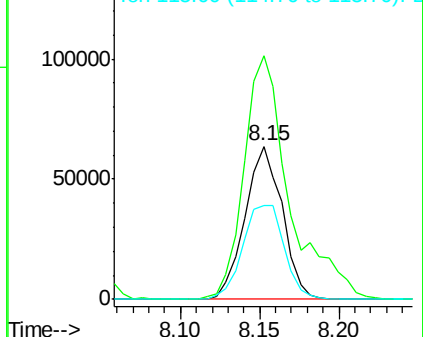
115 61.7 64.0 96.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 51.19 ng

RT: 3.56 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

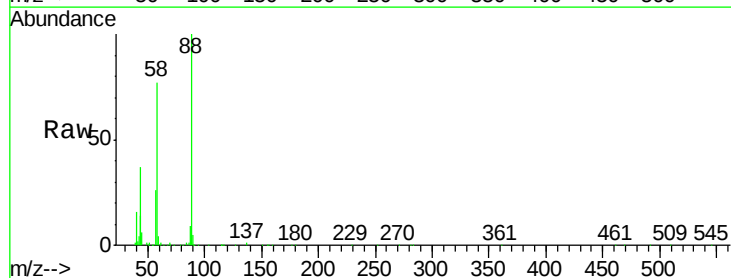
Tgt Ion: 88 Resp: 125750

Ion Ratio Lower Upper

88 100

58 75.4 60.4 90.6

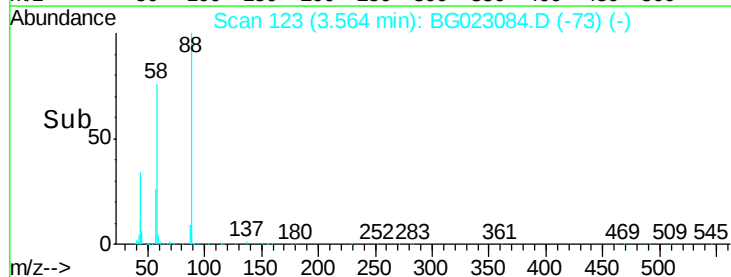
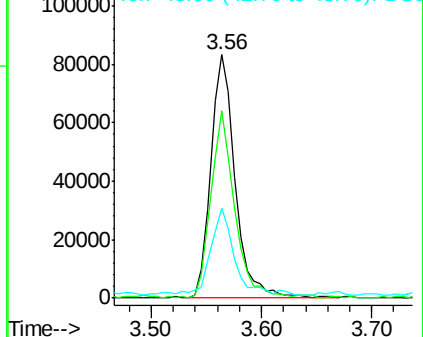
43 33.2 31.1 46.7

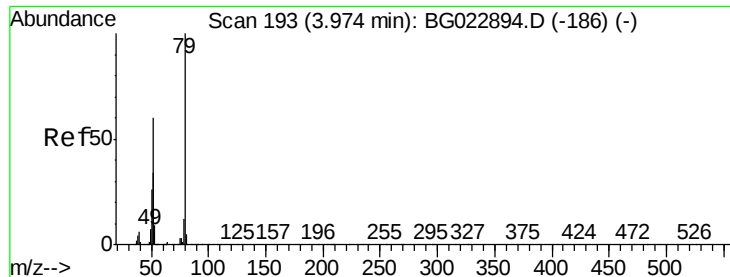


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.60 ng

RT: 3.97 min Scan# 192

Delta R.T. -0.01 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

Instrument :

BNA_G

ClientSampleId :

PB92013BS

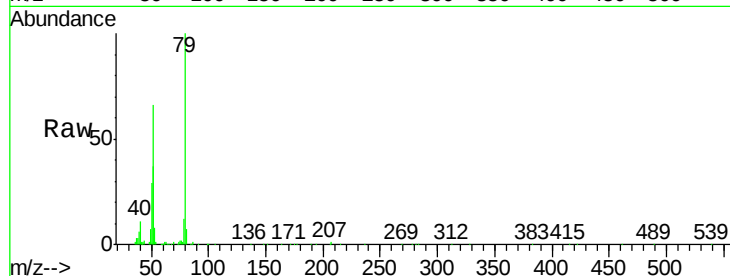
Tot Ion: 79 Resp: 257285

Ion Ratio Lower Upper

79 100

52 66.3 51.8 77.8

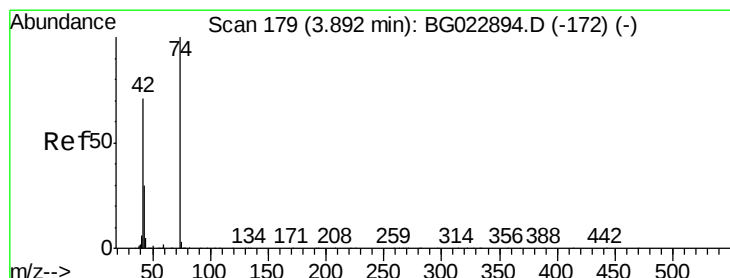
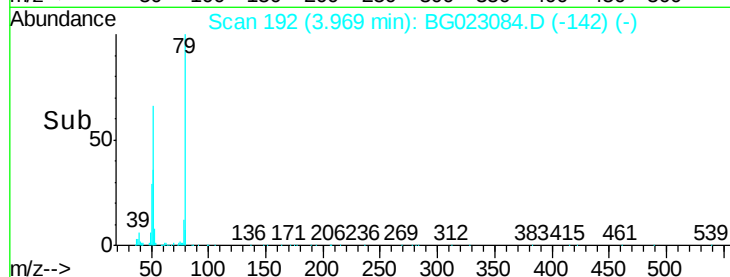
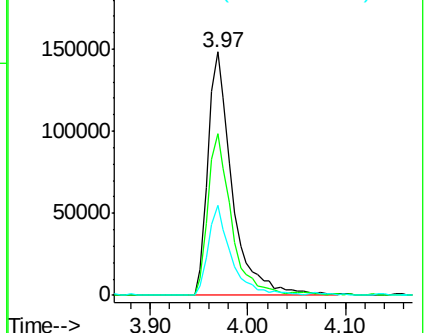
51 36.7 32.7 49.1



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: 38.31 ng

RT: 3.88 min Scan# 177

Delta R.T. -0.01 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

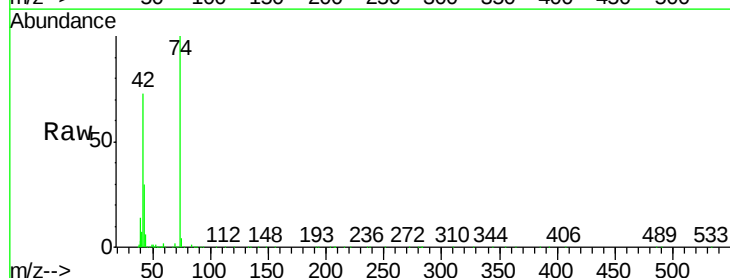
Tgt Ion: 42 Resp: 138164

Ion Ratio Lower Upper

42 100

74 136.2 100.6 150.8

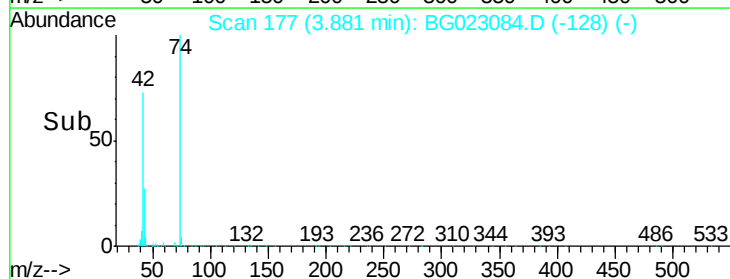
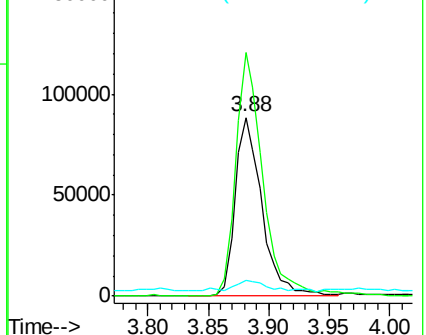
44 8.5 4.5 6.7#



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: 133.59 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.01 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

Instrument :

BNA_G

ClientSampleId :

PB92013BS

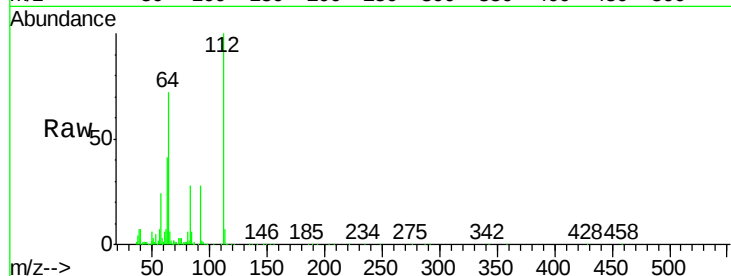
Tot Ion:112 Resp: 844355

Ion Ratio Lower Upper

112 100

64 72.4 59.0 88.4

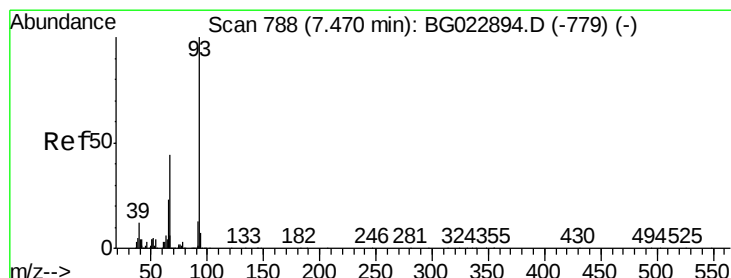
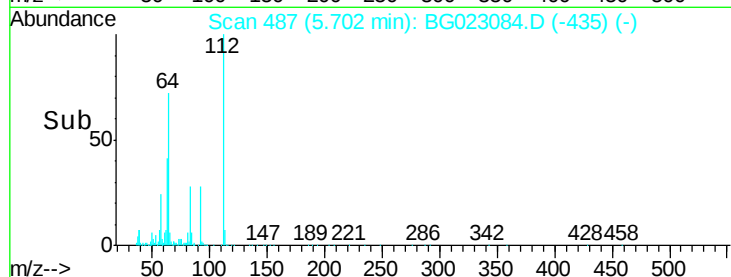
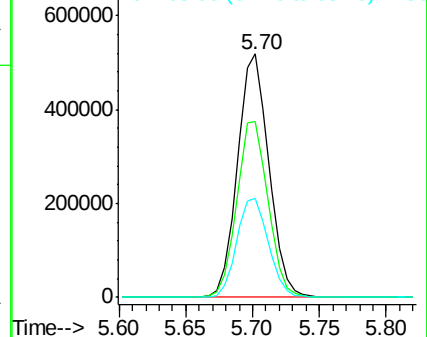
63 40.5 37.8 56.8



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: 25.71 ng

RT: 7.47 min Scan# 788

Delta R.T. 0.00 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

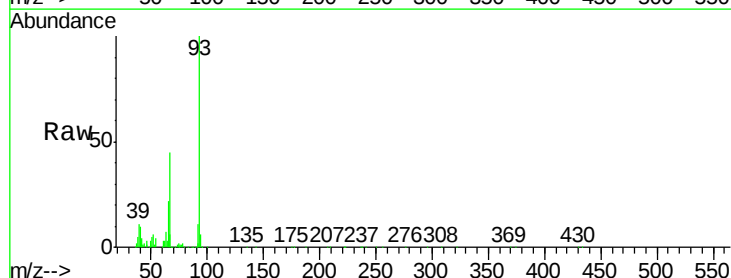
Tgt Ion: 93 Resp: 352718

Ion Ratio Lower Upper

93 100

66 45.2 37.5 56.3

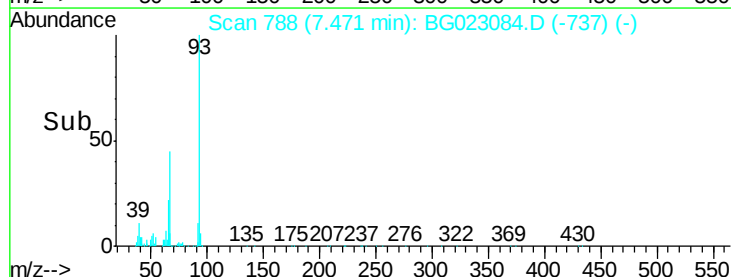
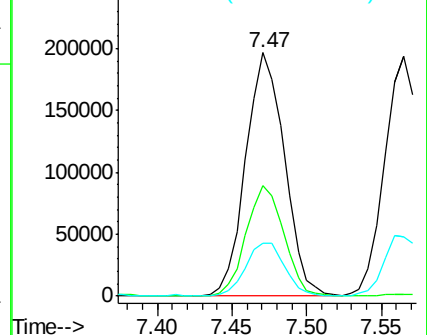
65 22.0 17.9 26.9

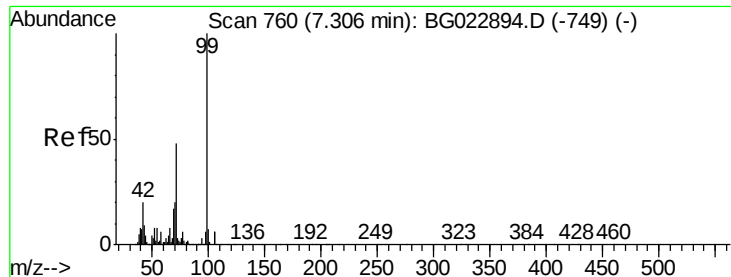


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.75 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

Instrument :

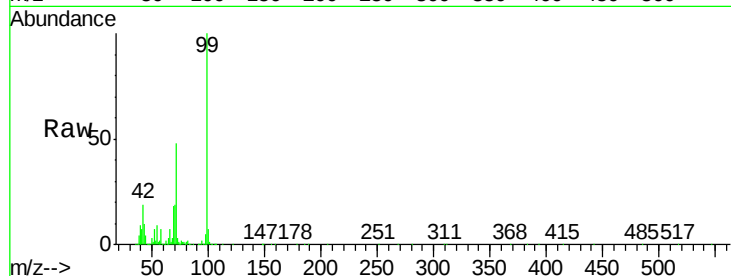
BNA_G

ClientSampleId :

PB92013BS

Tot Ion: 99 Resp: 1324000

Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.8	26.6
71	48.3	41.5	62.3

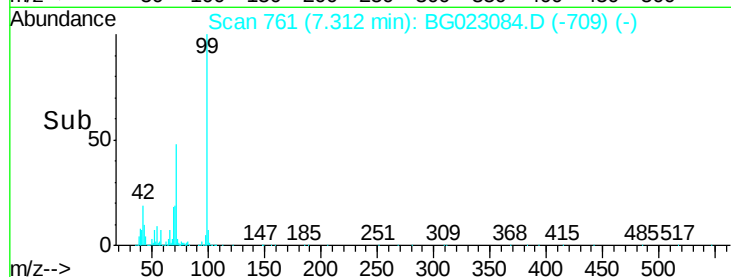


Abundance

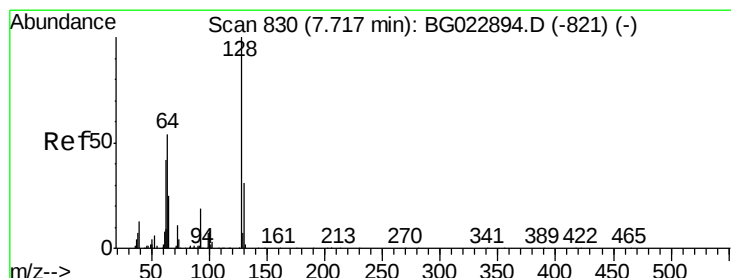
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#8

2-Chlorophenol

Concen: 45.46 ng

RT: 7.72 min Scan# 830

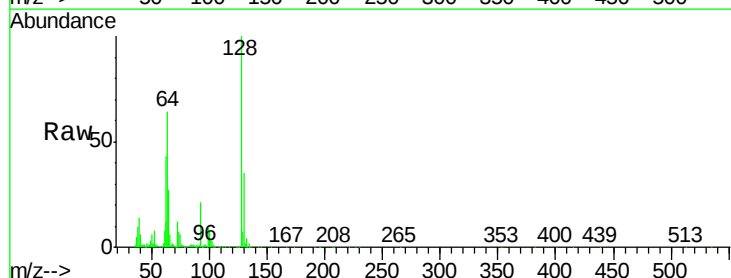
Delta R.T. 0.00 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

Tgt Ion:128 Resp: 305777

Ion	Ratio	Lower	Upper
128	100		
130	34.9	12.9	52.9
64	64.4	42.0	82.0

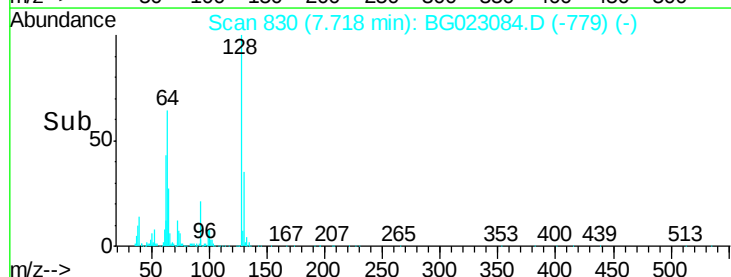


Abundance

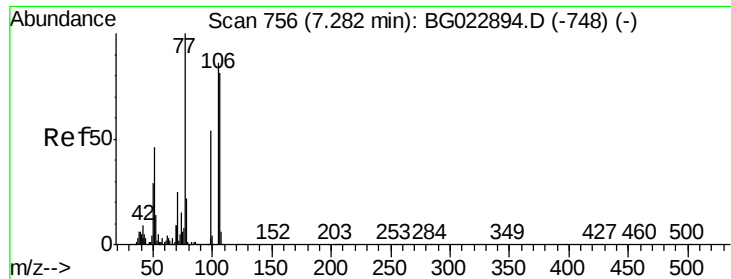
Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC



Time-->



#9

Benzaldehyde

Concen: 18.33 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

Instrument :

BNA_G

ClientSampleId :

PB92013BS

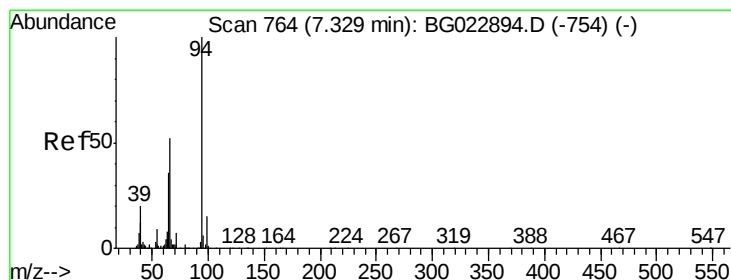
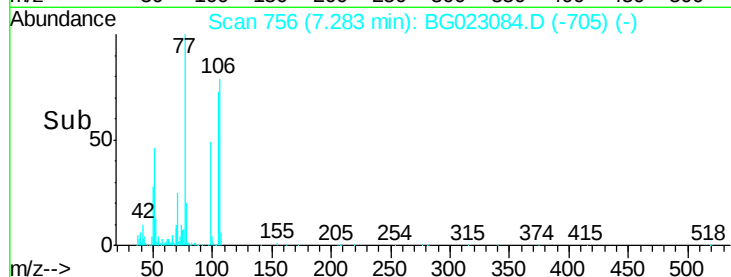
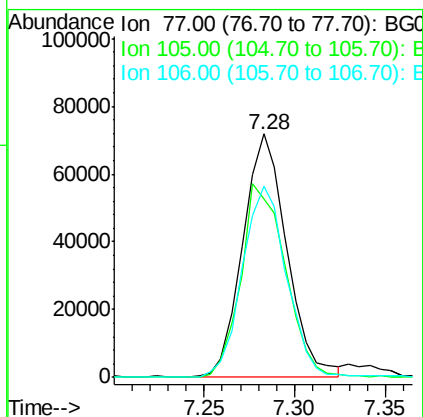
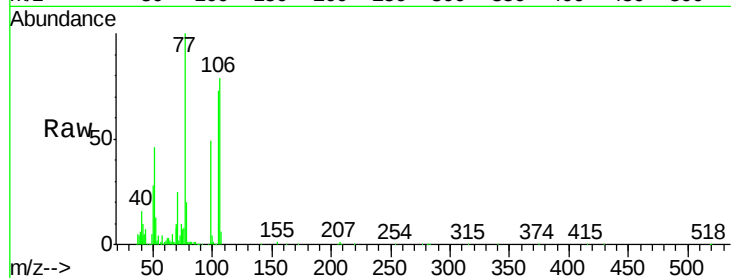
Tot Ion: 77 Resp: 121230

Ion Ratio Lower Upper

77 100

105 73.1 58.7 98.7

106 78.7 67.5 107.5



#10

Phenol

Concen: 46.31 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

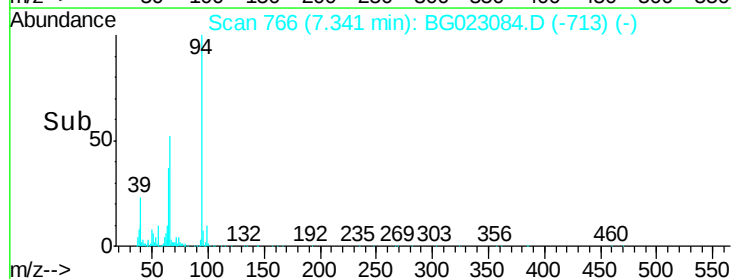
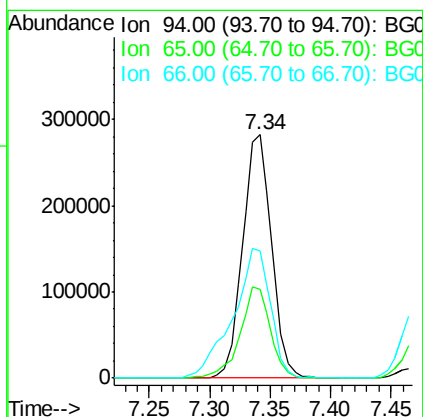
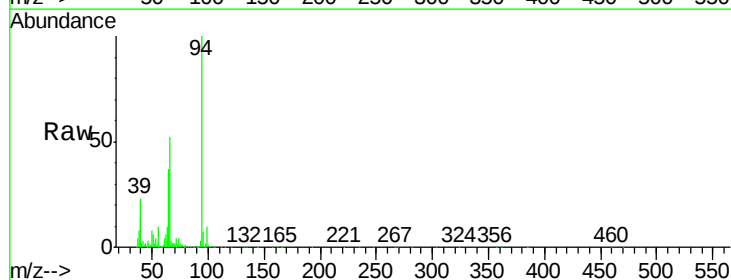
Tgt Ion: 94 Resp: 471718

Ion Ratio Lower Upper

94 100

65 36.5 18.1 58.1

66 52.3 42.1 82.1

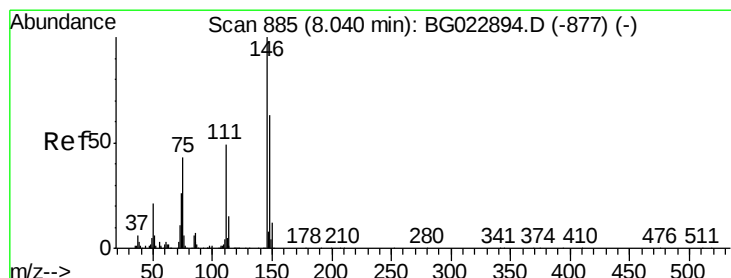
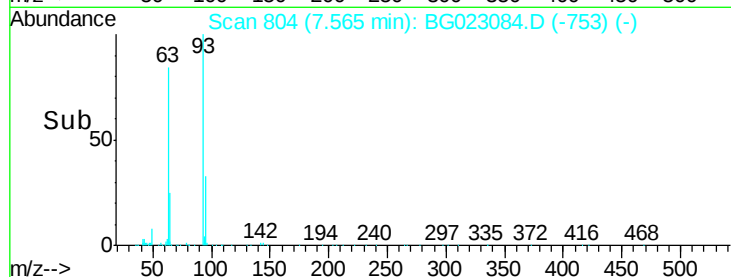
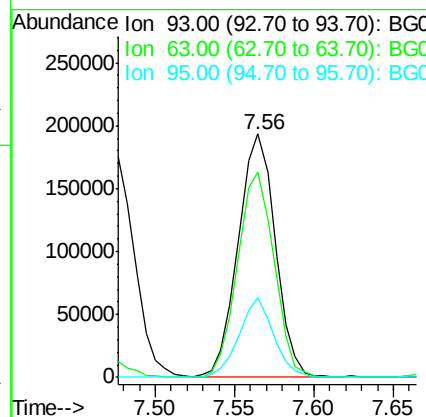
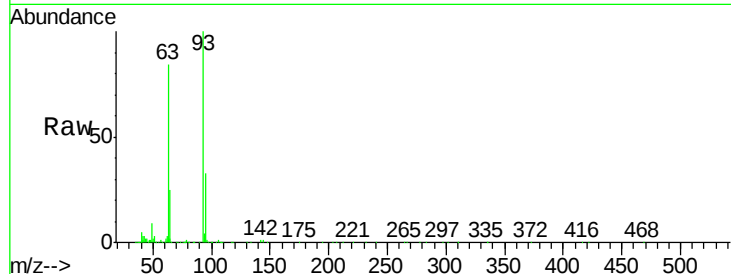




#11
bis(2-Chloroethyl)ether
Concen: 38.89 ng
RT: 7.56 min Scan# 804
Delta R.T. 0.00 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

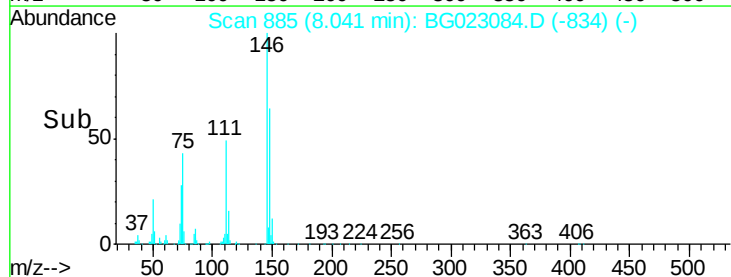
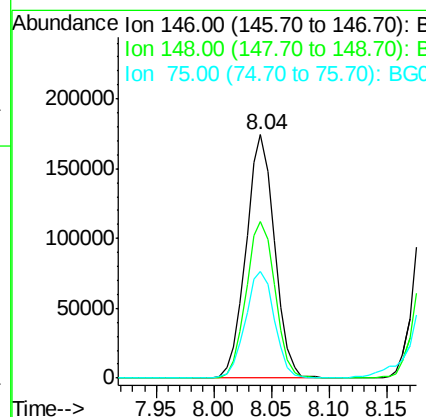
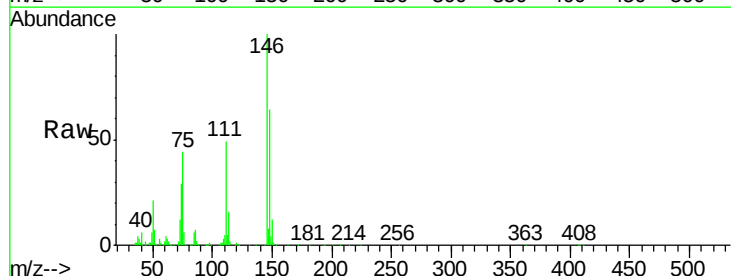
Instrument :
BNA_G
ClientSampleId :
PB92013BS

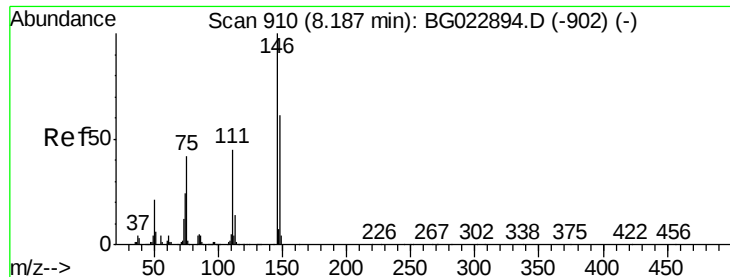
Tot Ion	93	Resp	313953
Ion Ratio	Lower	Upper	
93	100		
63	84.3	55.0	95.0
95	32.6	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 36.18 ng
RT: 8.04 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

Tgt Ion	146	Resp	297905
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.3	75.5
75	43.9	37.0	55.6

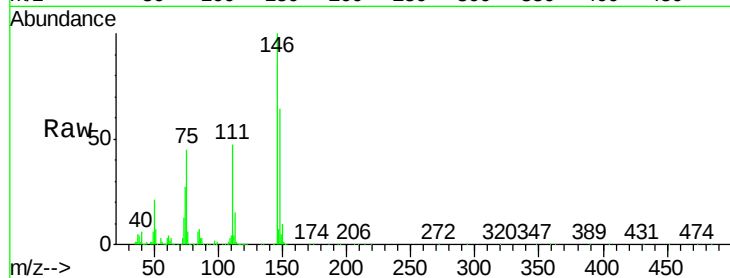




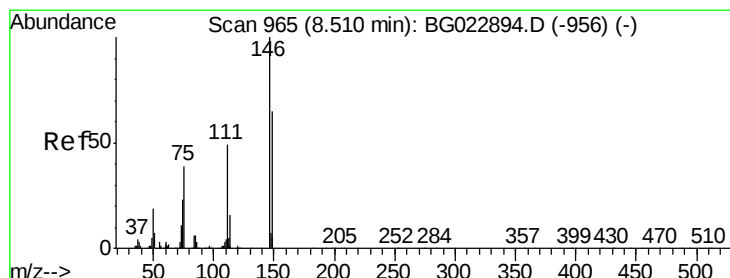
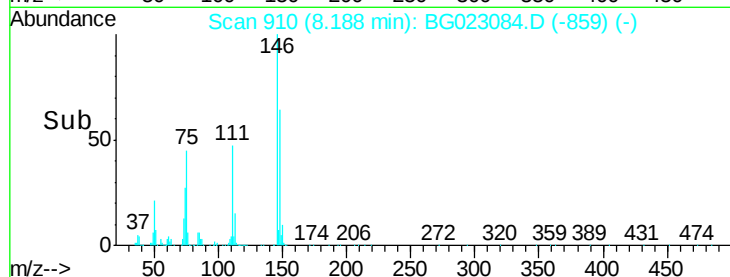
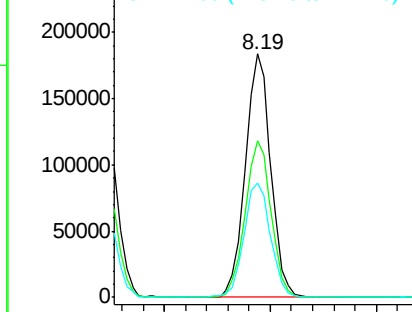
#13
1,4-Dichlorobenzene
Concen: 37.08 ng
RT: 8.19 min Scan# 910
Delta R.T. 0.00 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

Instrument :
BNA_G
ClientSampleID :
PB92013BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	54.5	81.7
111	47.1	37.8	56.8

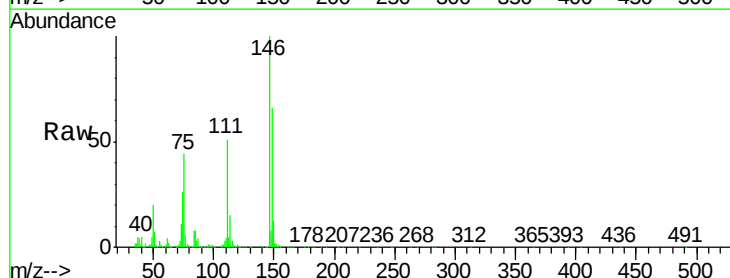


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

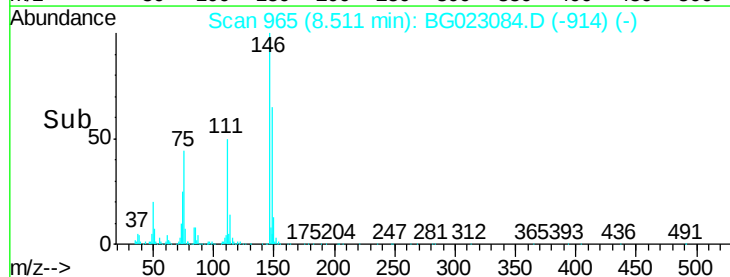
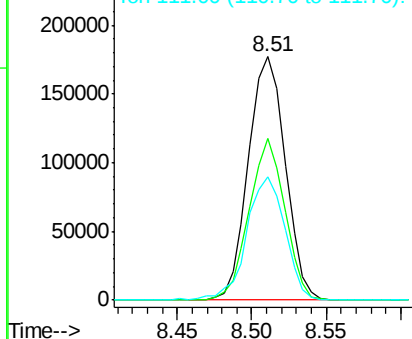


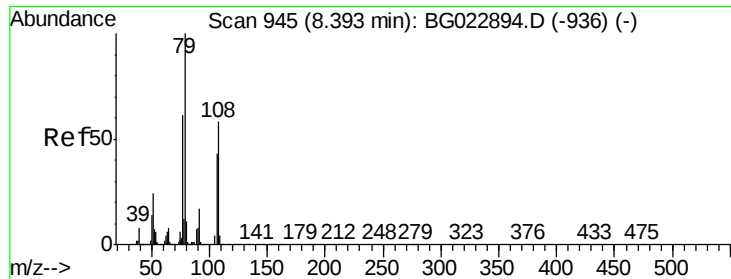
#14
1,2-Dichlorobenzene
Concen: 37.00 ng
RT: 8.51 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.9	79.3
111	50.7	43.5	65.3



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

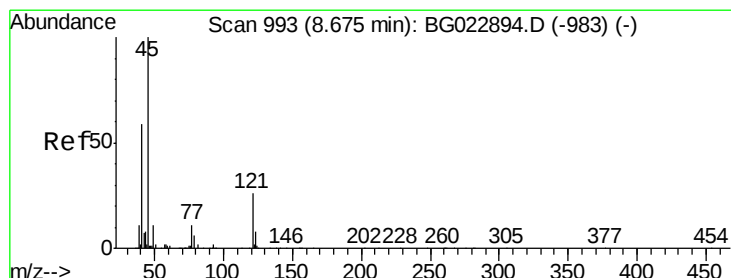
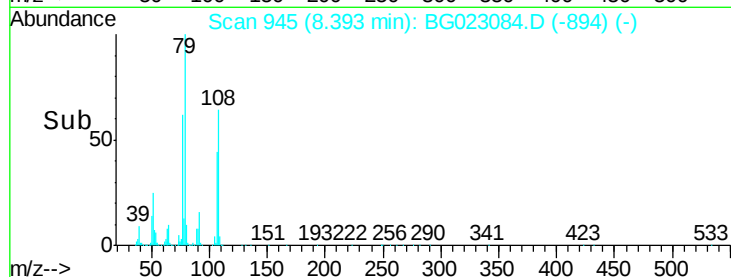
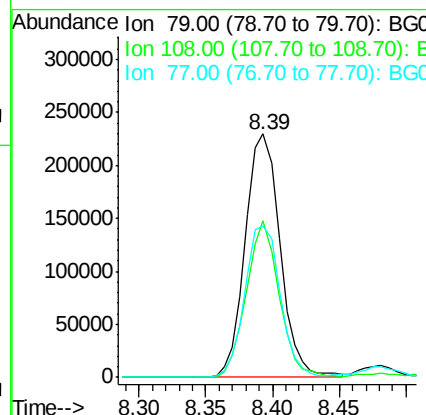
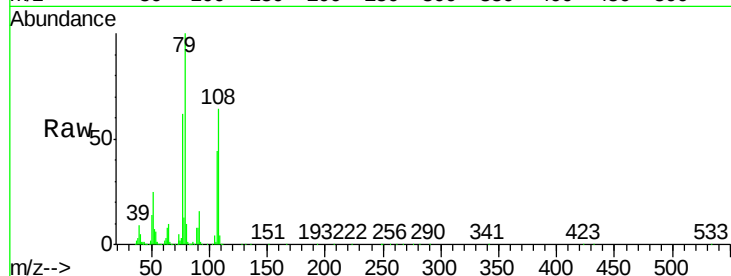




#15
Benzyl Alcohol
Concen: 45.88 ng
RT: 8.39 min Scan# 945
Delta R.T. 0.00 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

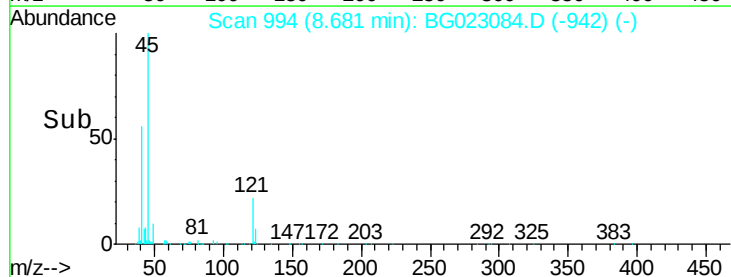
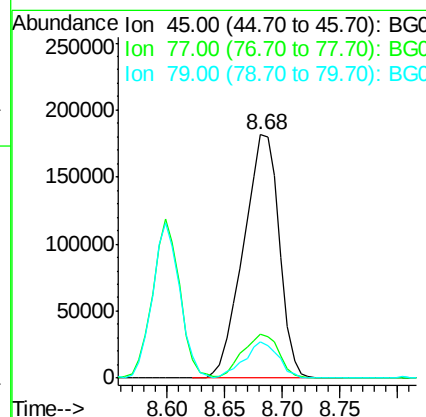
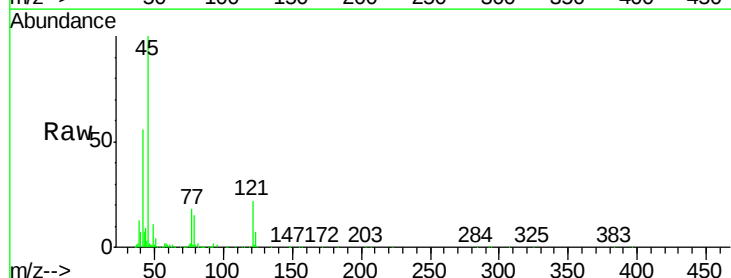
Instrument :
BNA_G
ClientSampleId :
PB92013BS

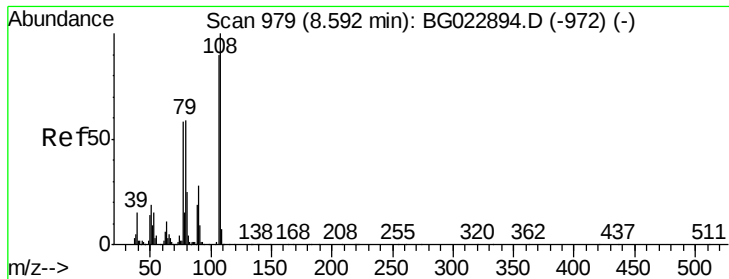
Tot Ion: 79 Resp: 415991
Ion Ratio Lower Upper
79 100
108 64.2 46.5 69.7
77 62.5 52.3 78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.63 ng
RT: 8.68 min Scan# 994
Delta R.T. 0.01 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

Tgt Ion: 45 Resp: 390757
Ion Ratio Lower Upper
45 100
77 18.2 0.6 40.6
79 15.1 0.0 36.2

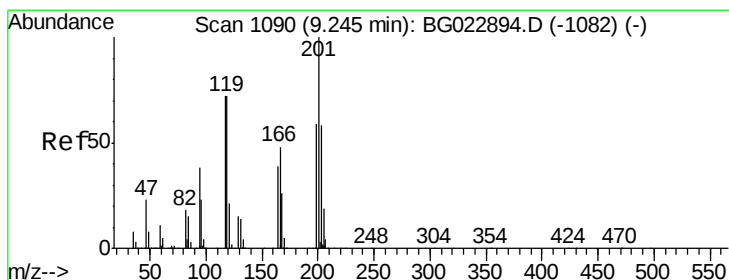
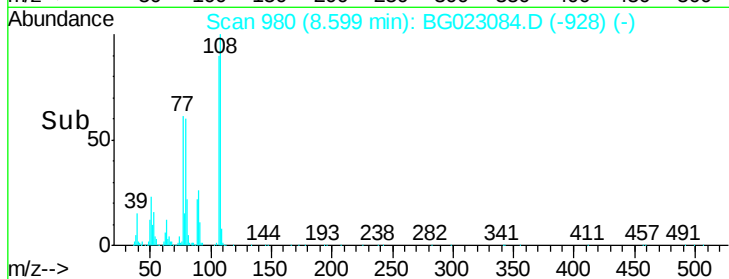
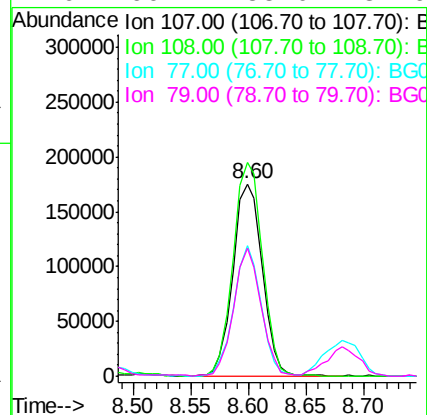
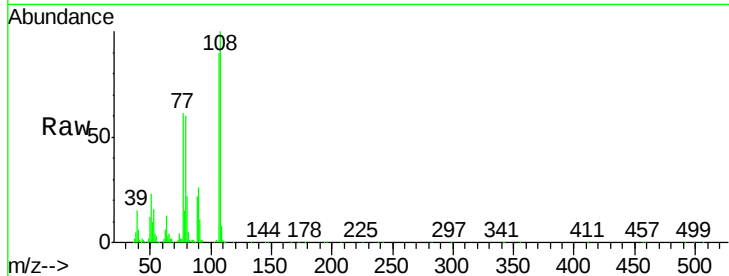




#17
2-Methylphenol
Concen: 46.88 ng
RT: 8.60 min Scan# 980
Delta R.T. 0.01 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

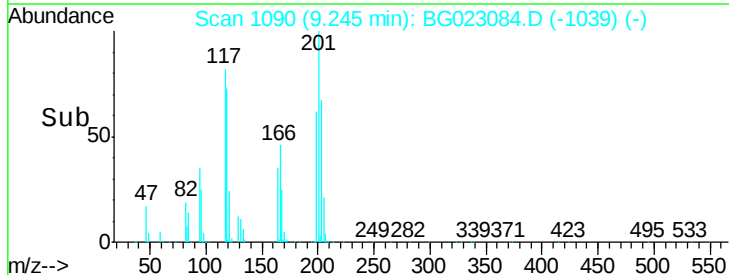
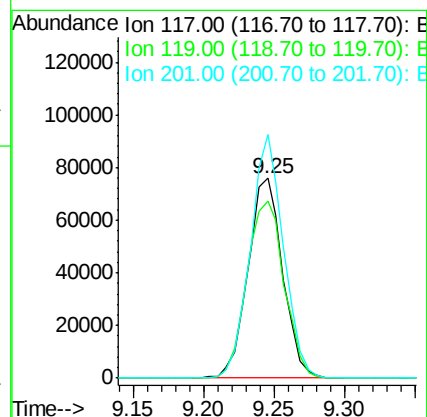
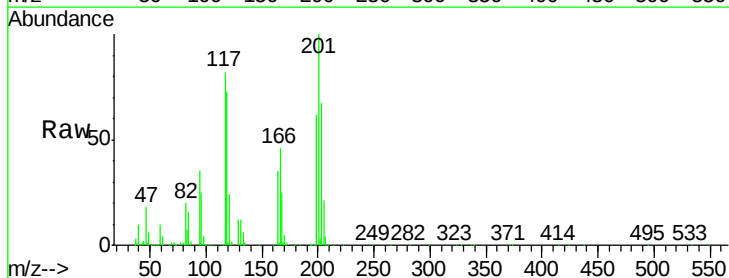
Instrument :
BNA_G
ClientSampleId :
PB92013BS

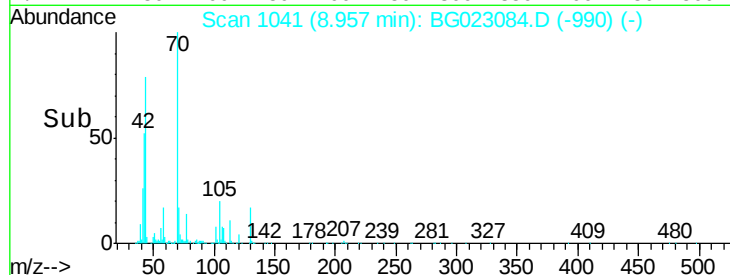
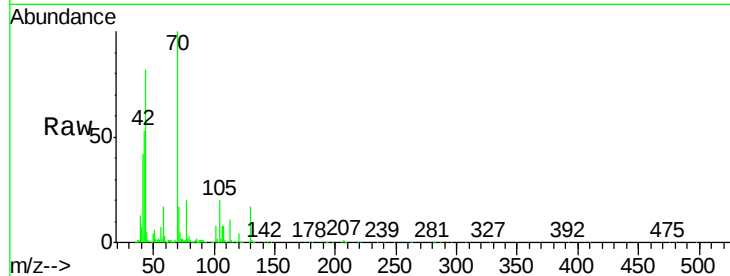
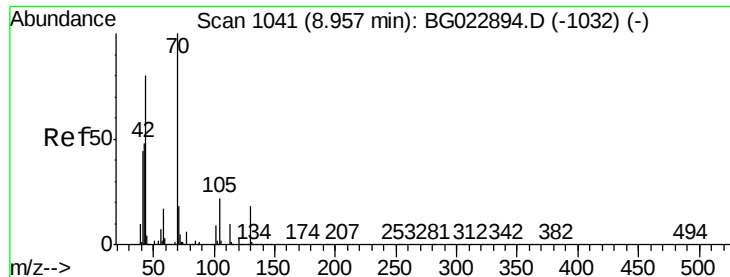
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	92.0	138.0
77	67.8	55.8	83.6
79	66.2	55.0	82.6



#18
Hexachloroethane
Concen: 37.51 ng
RT: 9.25 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.6	73.7	110.5
201	121.9	88.7	133.1

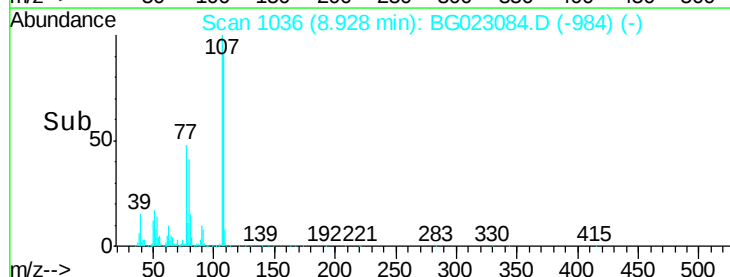
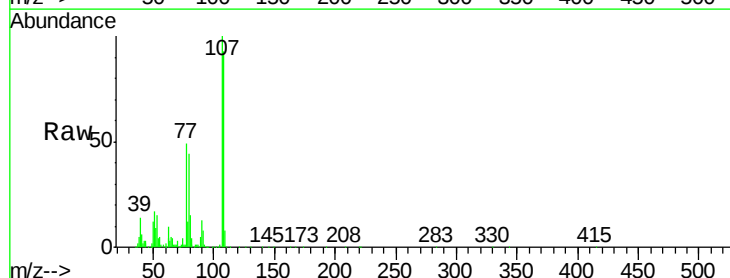
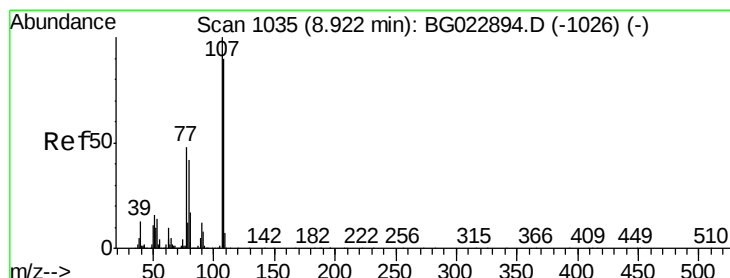
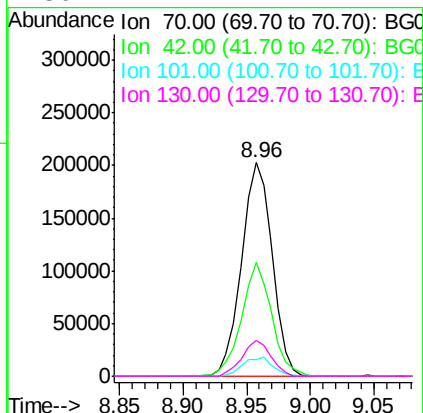




#19
n-Nitroso-di-n-propylamine
Concen: 38.12 ng
RT: 8.96 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

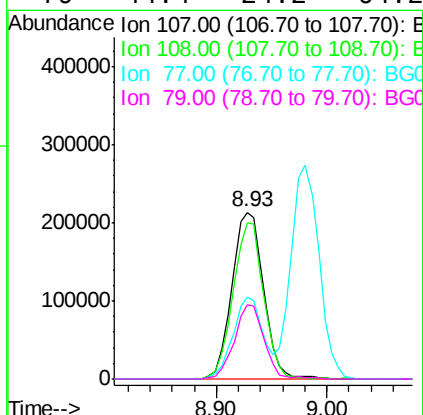
Instrument :
BNA_G
ClientSampleId :
PB92013BS

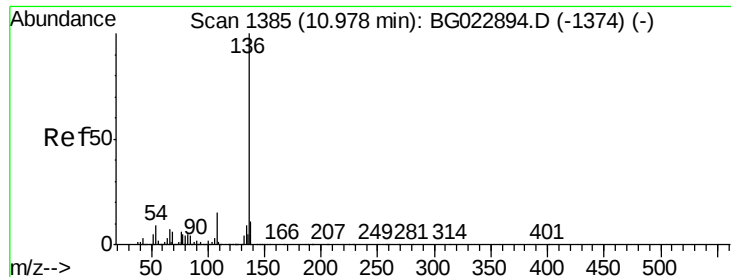
Tot Ion:	70	Resp:	340183
Ion	Ratio	Lower	Upper
70	100		
42	53.2	42.1	63.1
101	7.5	7.2	10.8
130	17.1	14.2	21.2



#20
3+4-Methylphenols
Concen: 46.53 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

Tgt Ion:	107	Resp:	430269
Ion	Ratio	Lower	Upper
107	100		
108	93.3	72.5	112.5
77	49.3	30.1	70.1
79	44.4	24.2	64.2

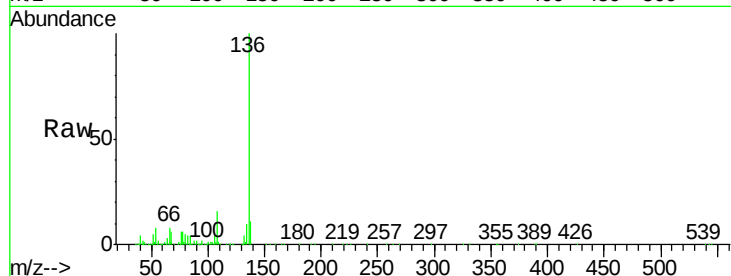




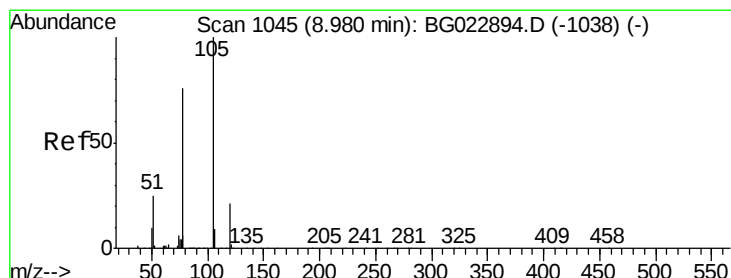
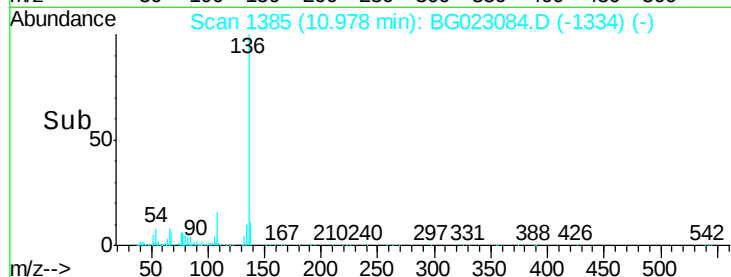
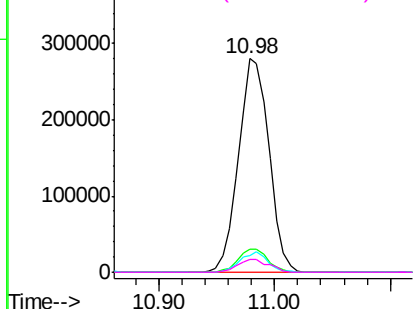
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

Instrument :
BNA_G
ClientSampleId :
PB92013BS

Tot Ion:136	Resp:	510909
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.6 14.4
54	7.9	7.3 10.9
68	5.8	5.3 7.9

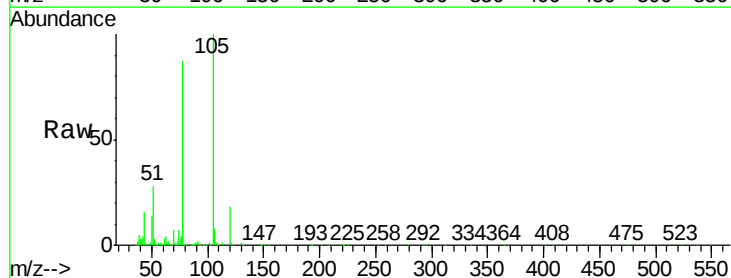


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

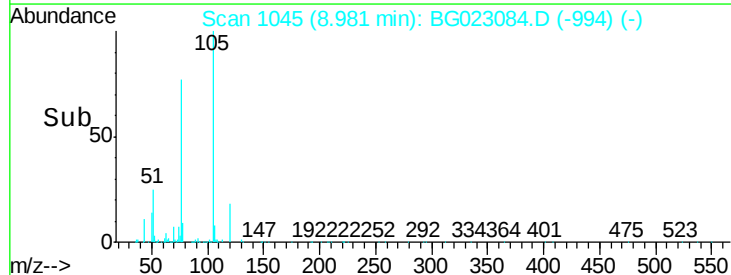
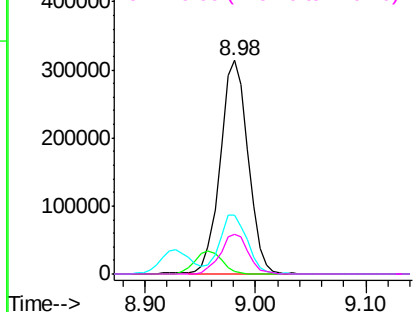


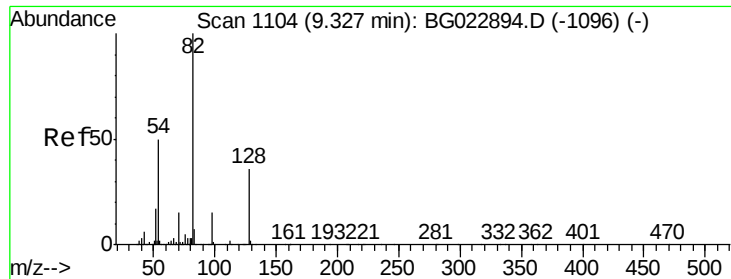
#22
Acetophenone
Concen: 35.95 ng
RT: 8.98 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

Tgt Ion:105	Resp:	551191
Ion Ratio	Lower	Upper
105	100	
71	1.0	2.6 3.8#
51	27.9	27.1 40.7
120	18.4	15.1 22.7



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

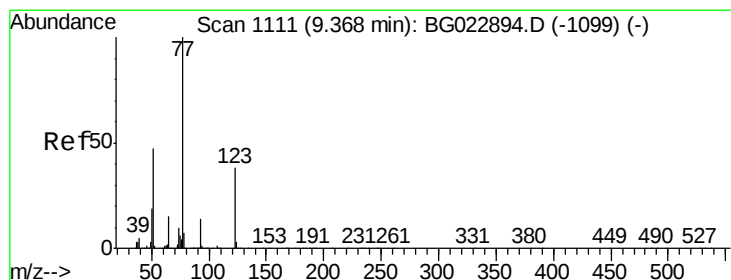
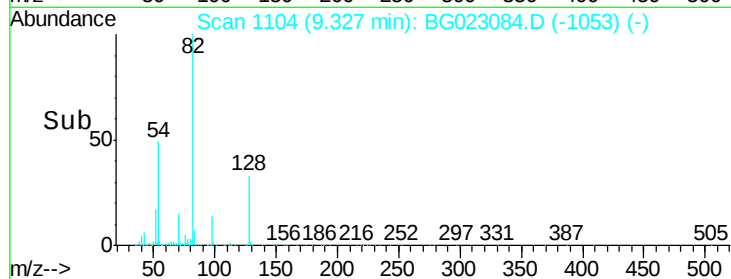
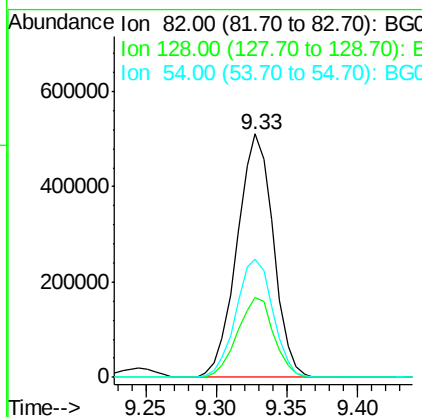
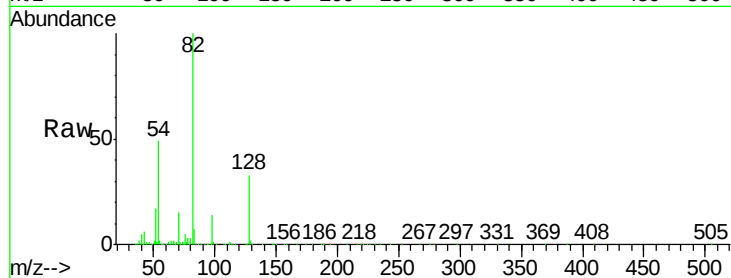




#23
 Nitrobenzene-d5
 Concen: 76.72 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

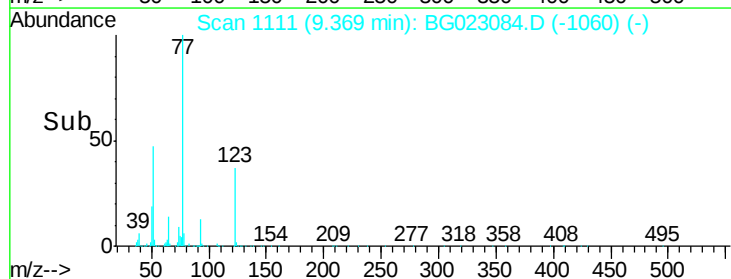
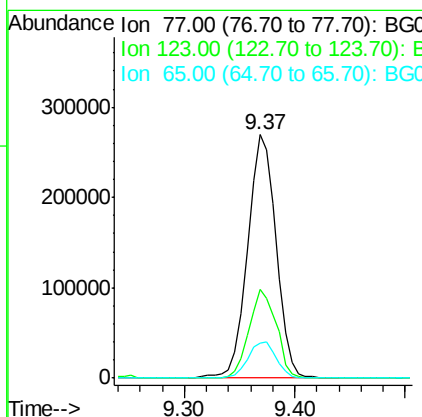
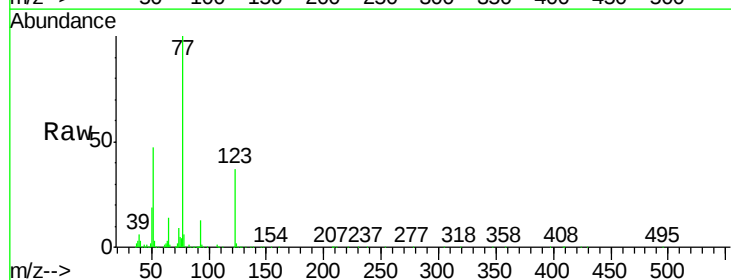
Instrument :
 BNA_G
 ClientSampleId :
 PB92013BS

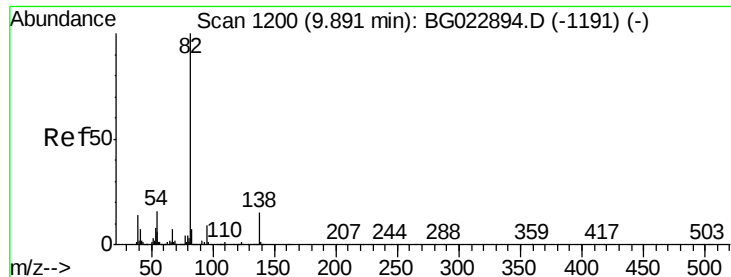
Tot Ion	82	Resp	915374
Ion Ratio	Lower	Upper	
82	100		
128	32.6	24.4	36.6
54	48.6	41.4	62.0



#24
 Nitrobenzene
 Concen: 38.43 ng
 RT: 9.37 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

Tgt Ion	77	Resp	487186
Ion Ratio	Lower	Upper	
77	100		
123	36.7	25.0	37.6
65	14.3	13.4	20.0





#25

Isophorone

Concen: 37.23 ng

RT: 9.89 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

Instrument :

BNA_G

ClientSampleId :

PB92013BS

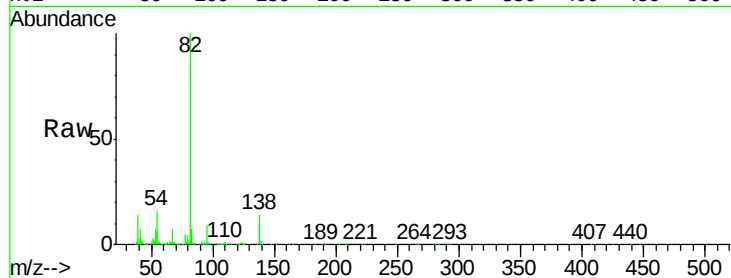
Tot Ion: 82 Resp: 893501

Ion Ratio Lower Upper

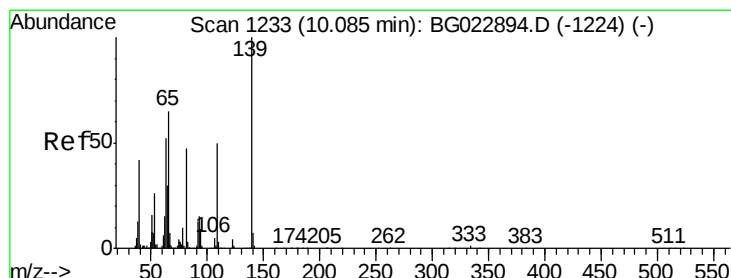
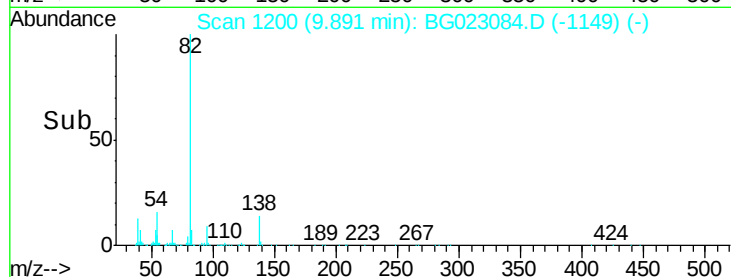
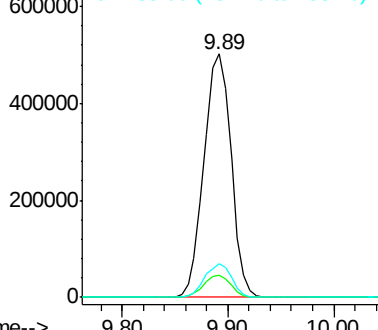
82 100

95 9.1 8.2 12.2

138 13.6 10.7 16.1



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



#26

2-Nitrophenol

Concen: 39.36 ng

RT: 10.09 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

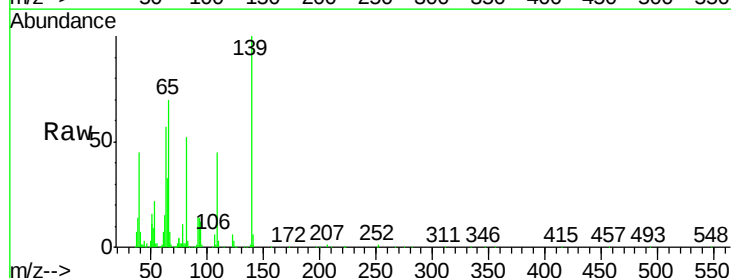
Tgt Ion: 139 Resp: 195814

Ion Ratio Lower Upper

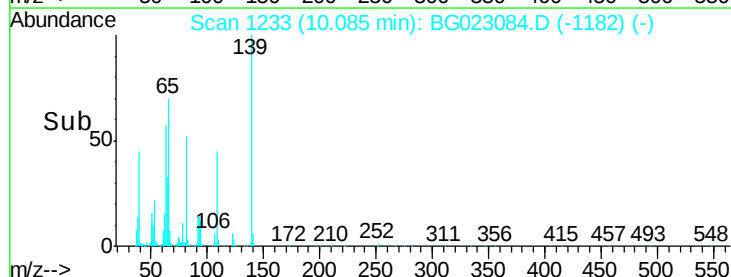
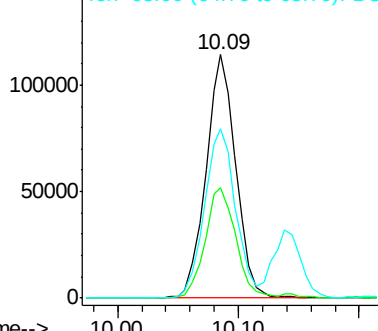
139 100

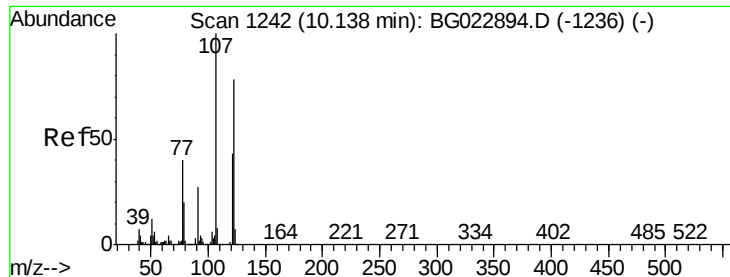
109 45.4 43.5 65.3

65 69.5 64.3 96.5



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

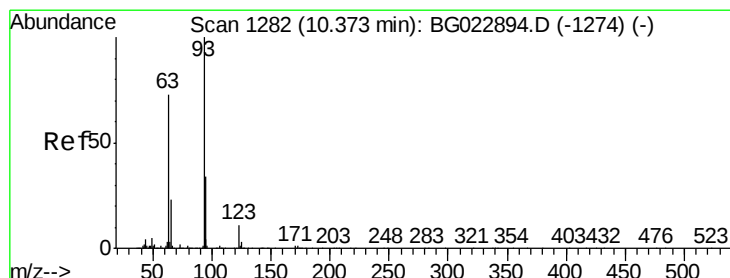
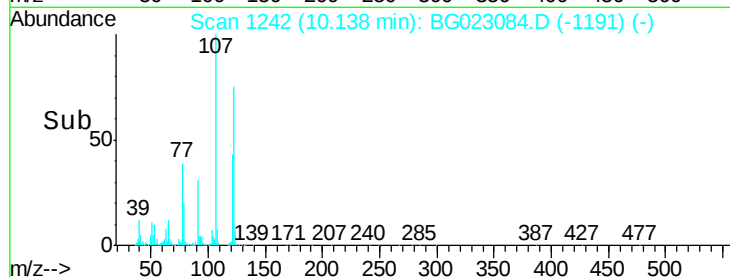
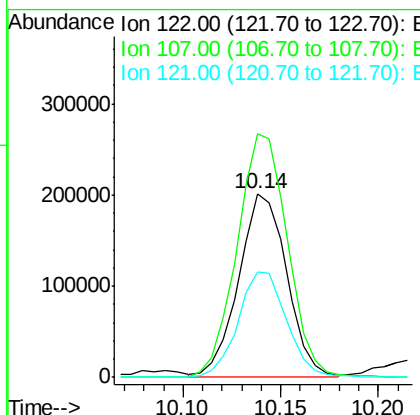
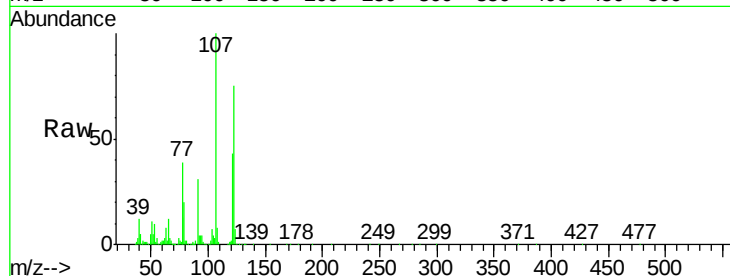




#27
 2,4-Dimethylphenol
 Concen: 39.86 ng
 RT: 10.14 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

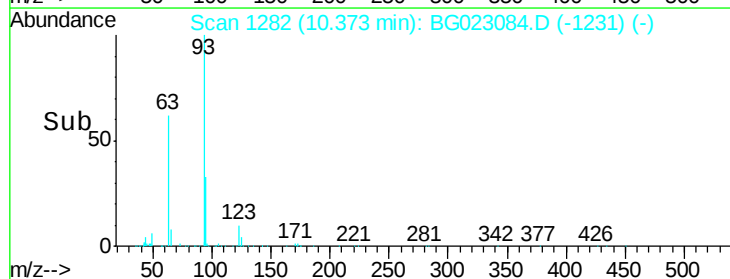
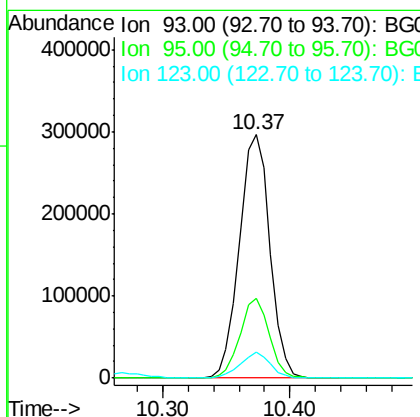
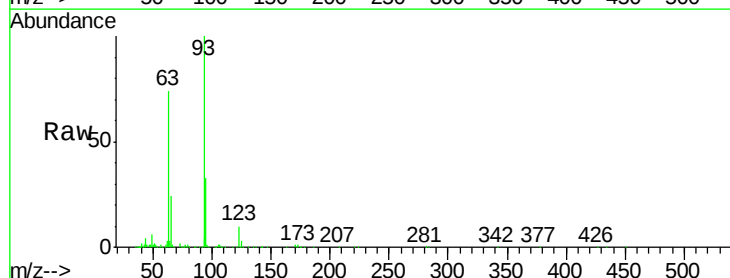
Instrument :
 BNA_G
 ClientSampleId :
 PB92013BS

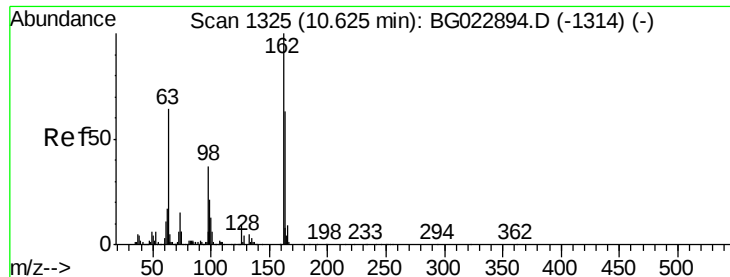
Tot Ion	Ratio	Lower	Upper
122	100		
107	132.5	117.0	175.4
121	57.5	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.97 ng
 RT: 10.37 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.4	38.2
123	10.5	8.2	12.2





#29

2,4-Dichlorophenol

Concen: 42.67 ng

RT: 10.63 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

Instrument :

BNA_G

ClientSampleId :

PB92013BS

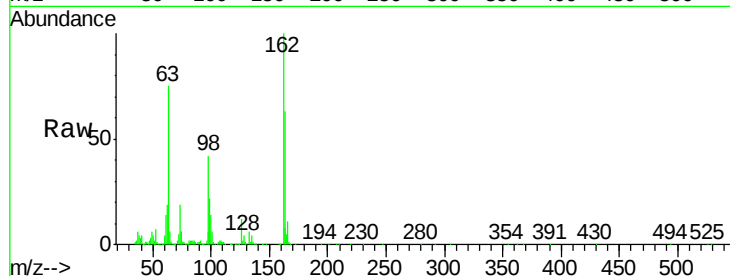
Tot Ion:162 Resp: 391344

Ion Ratio Lower Upper

162 100

164 62.6 44.3 84.3

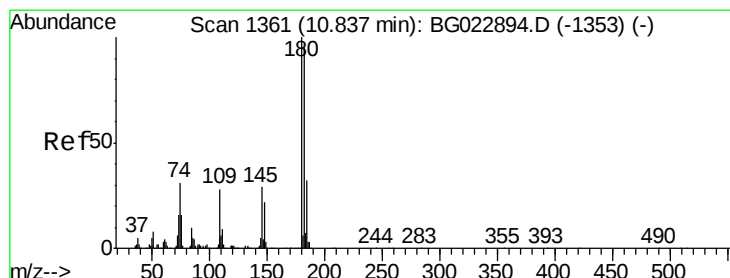
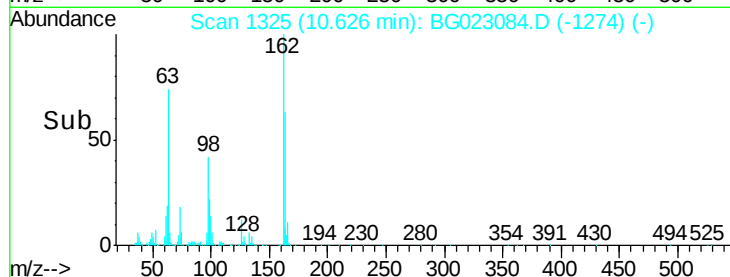
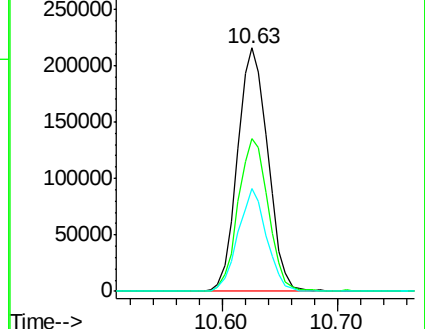
98 42.3 19.5 59.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 35.60 ng

RT: 10.84 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

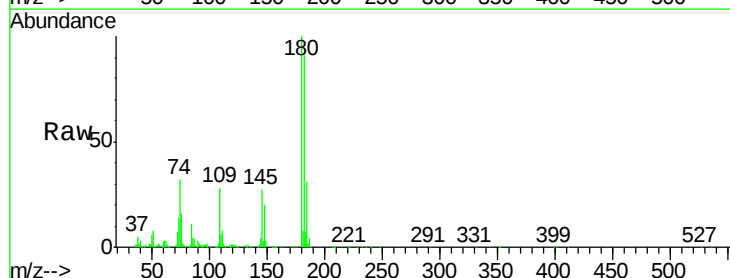
Tgt Ion:180 Resp: 374217

Ion Ratio Lower Upper

180 100

182 91.4 73.8 110.8

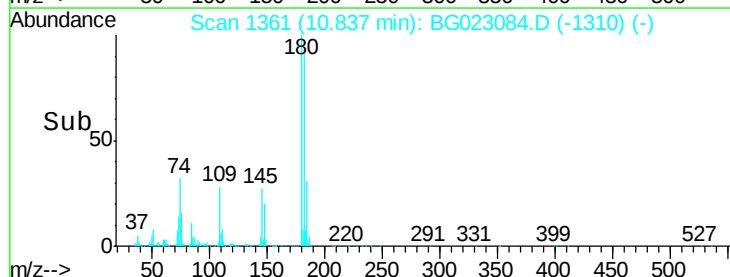
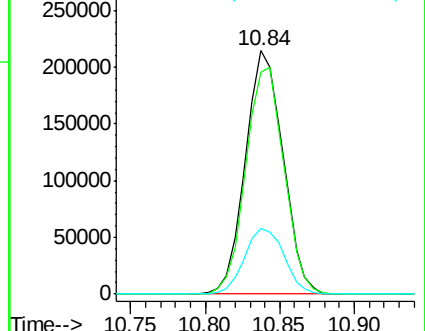
145 27.1 24.4 36.6

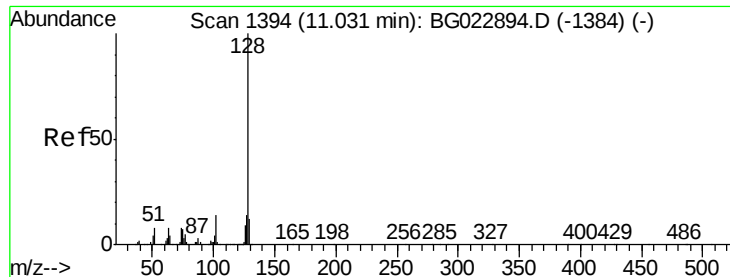


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

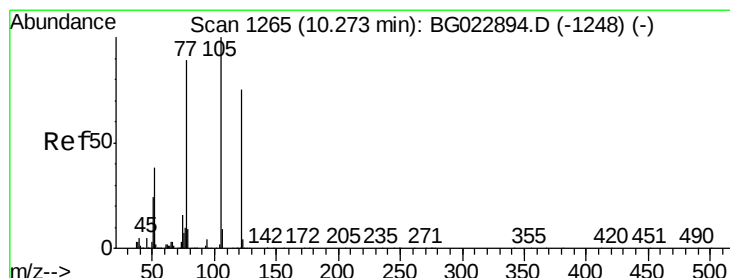
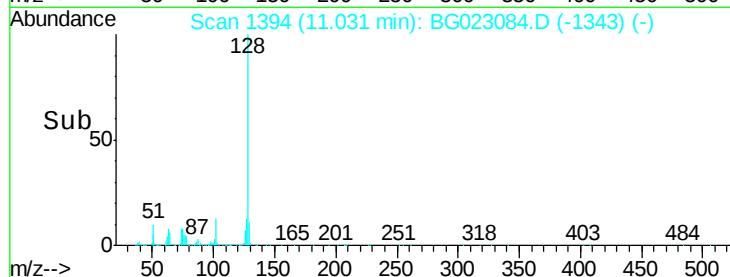
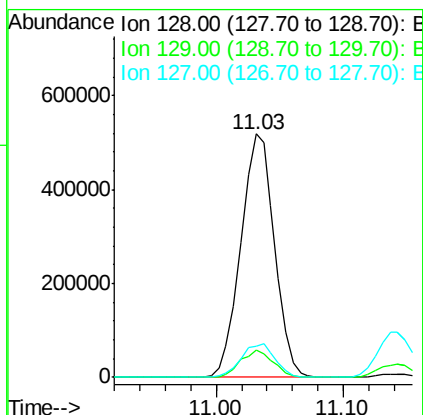
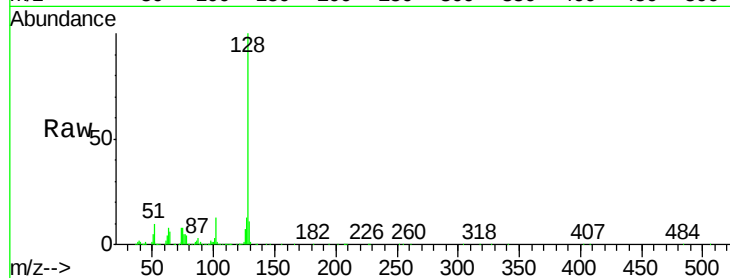




#31
Naphthalene
Concen: 36.55 ng
RT: 11.03 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

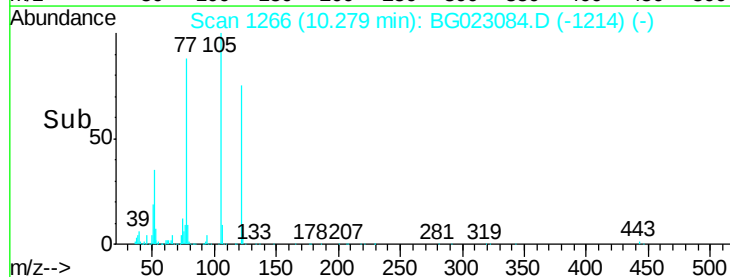
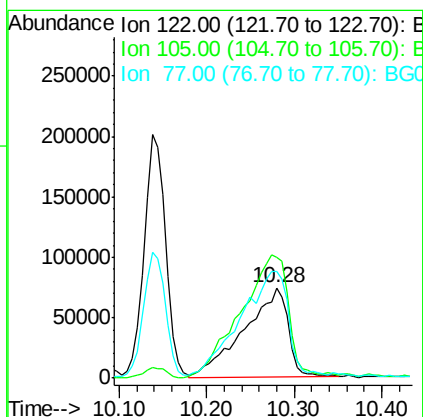
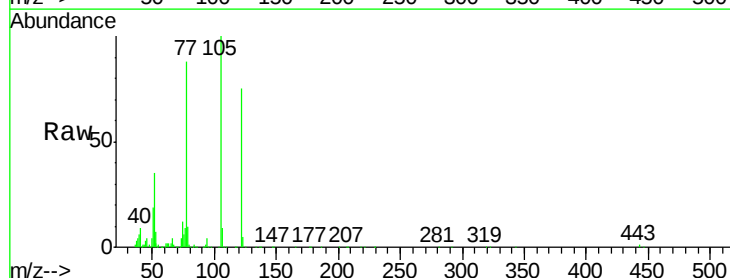
Instrument :
BNA_G
ClientSampleId :
PB92013BS

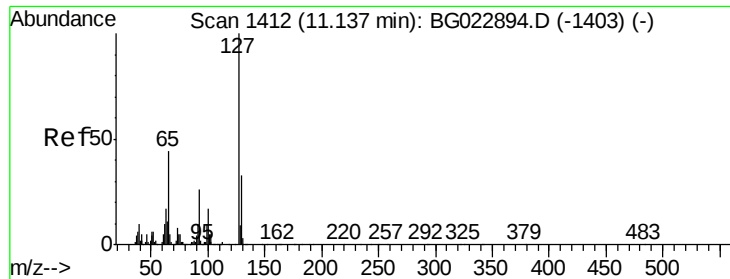
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.0
127	13.0	11.3	16.9



#32
Benzoic acid
Concen: 32.10 ng
RT: 10.28 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.0	117.2	157.2
77	117.9	109.2	149.2

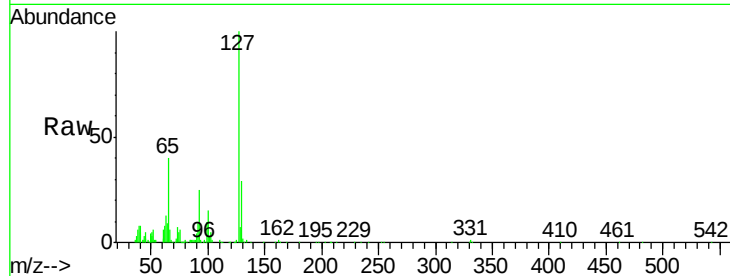




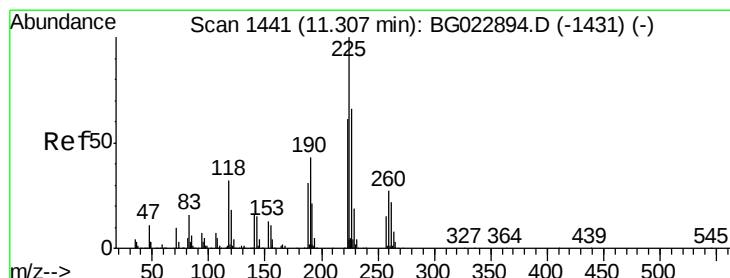
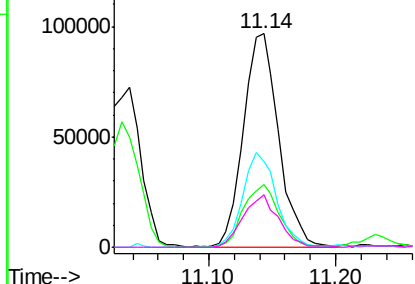
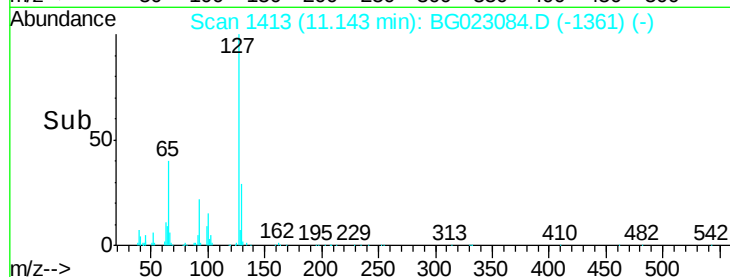
#33
4-Chloroaniline
Concen: 14.77 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

Instrument :
BNA_G
ClientSampleID :
PB92013BS

Tot Ion:	127	Resp:	187842
Ion	Ratio	Lower	Upper
127	100		
129	29.2	27.9	41.9
65	40.2	36.8	55.2
92	24.8	21.0	31.6

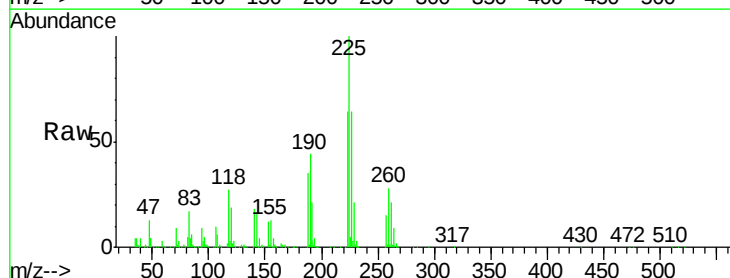


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

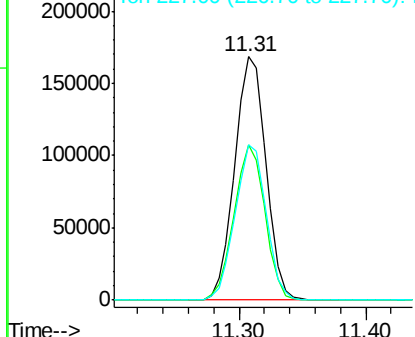
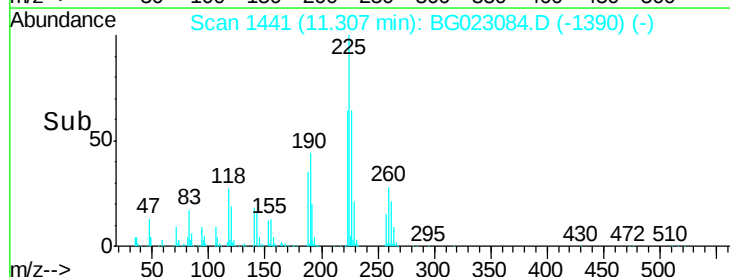


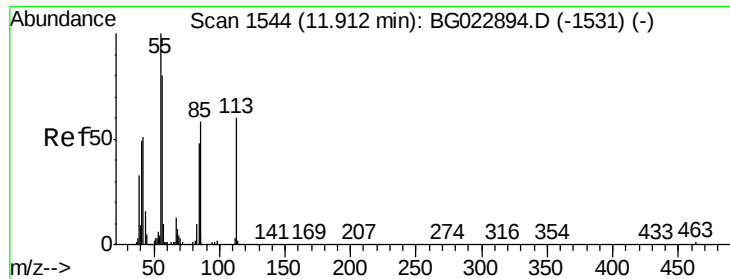
#34
Hexachlorobutadiene
Concen: 33.70 ng
RT: 11.31 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

Tgt Ion:	225	Resp:	287097
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.6	74.4
227	63.5	54.5	81.7



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





#35

Caprolactam

Concen: 35.98 ng/mL

RT: 11.92 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

Instrument :

BNA_G

ClientSampleId :

PB92013BS

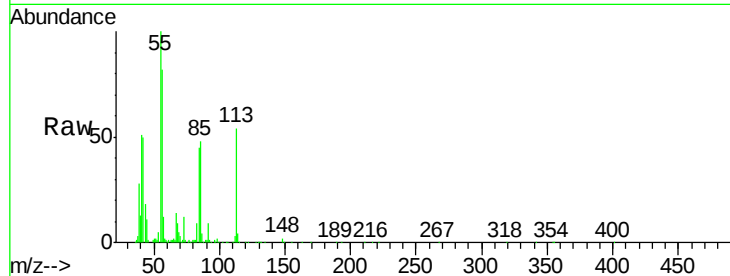
Tot Ion:113 Resp: 135786

Ion Ratio Lower Upper

113 100

55 185.2 154.5 194.5

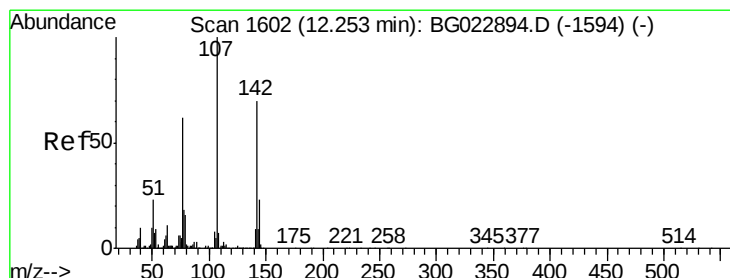
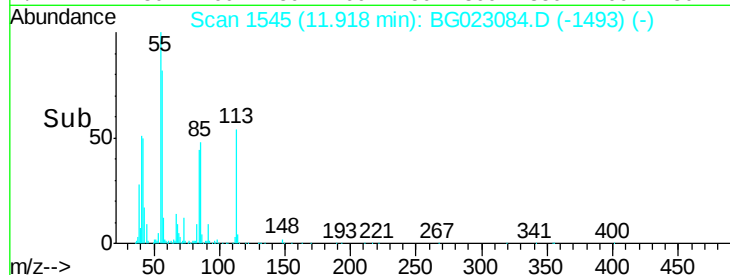
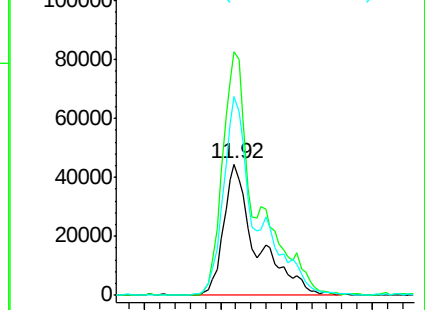
56 151.4 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 38.74 ng/mL

RT: 12.27 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

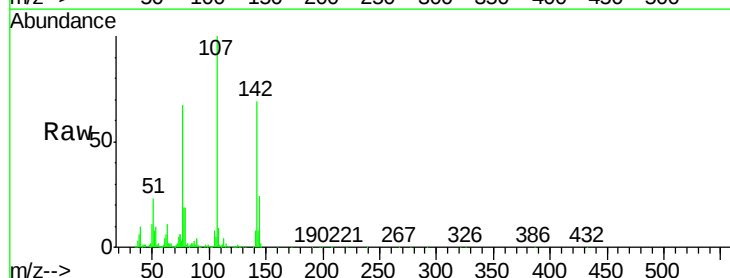
Tgt Ion:107 Resp: 485995

Ion Ratio Lower Upper

107 100

144 23.9 17.0 25.6

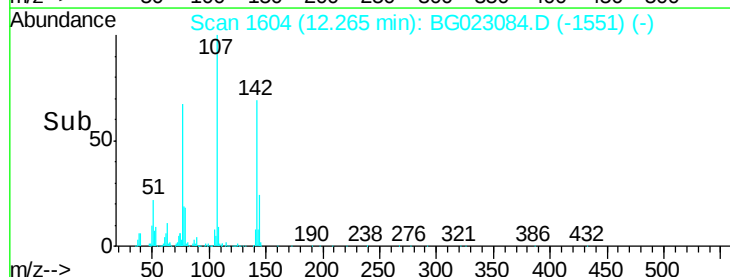
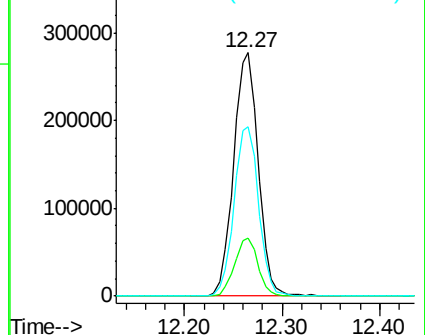
142 69.3 53.0 79.6

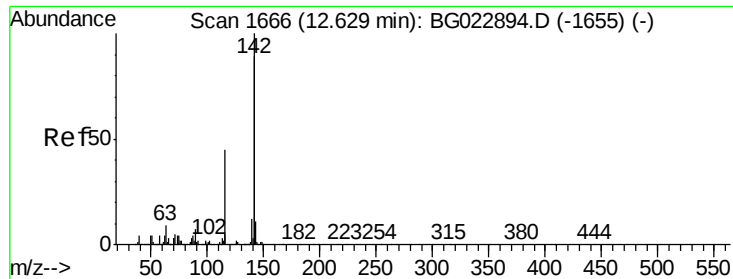


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

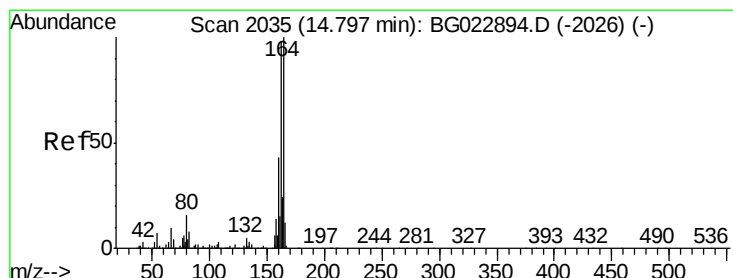
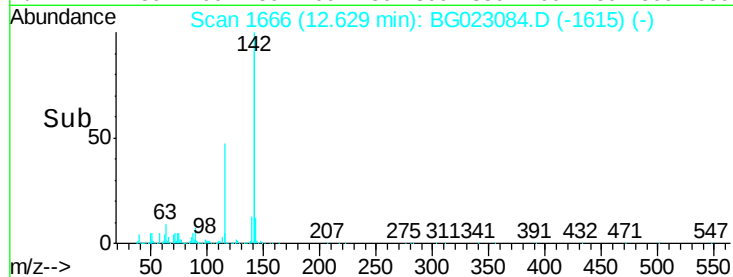
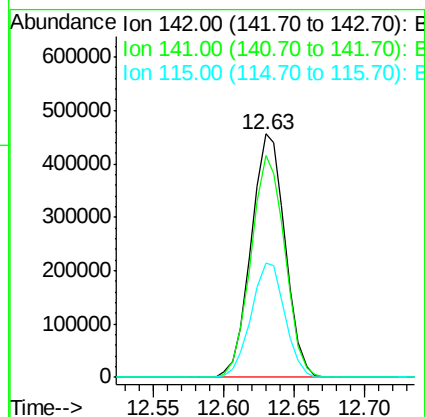
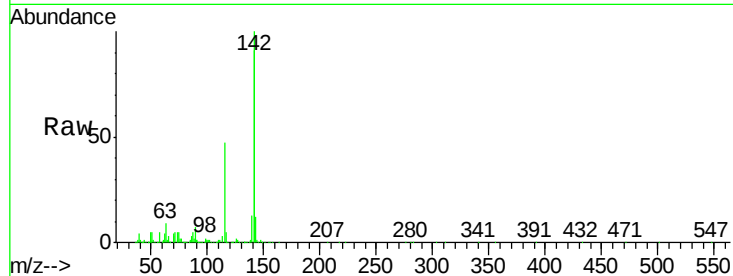




#37
 2-Methylnaphthalene
 Concen: 37.53 ng
 RT: 12.63 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

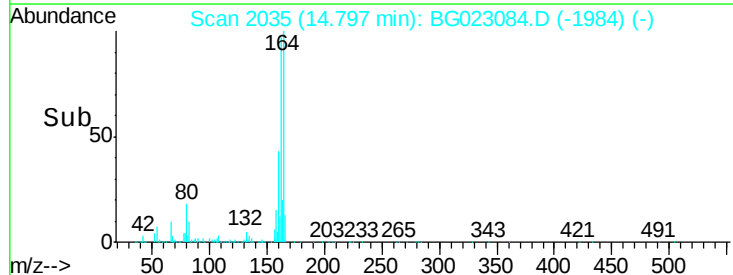
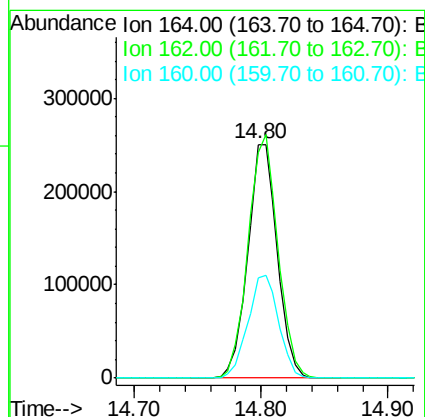
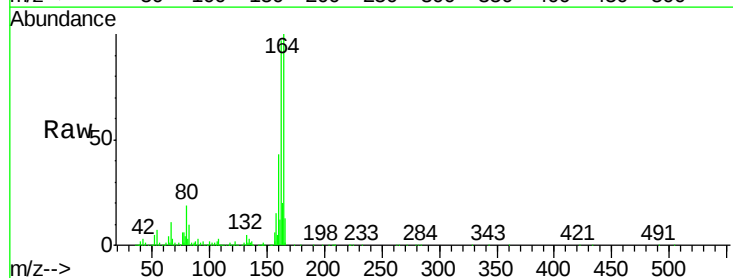
Instrument :
 BNA_G
 ClientSampleId :
 PB92013BS

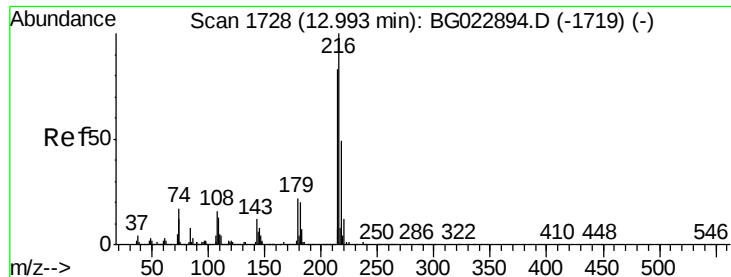
Tot Ion:142 Resp: 771559
 Ion Ratio Lower Upper
 142 100
 141 90.9 70.2 105.2
 115 46.9 41.7 62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

Tgt Ion:164 Resp: 403973
 Ion Ratio Lower Upper
 164 100
 162 96.6 87.7 131.5
 160 42.9 37.2 55.8

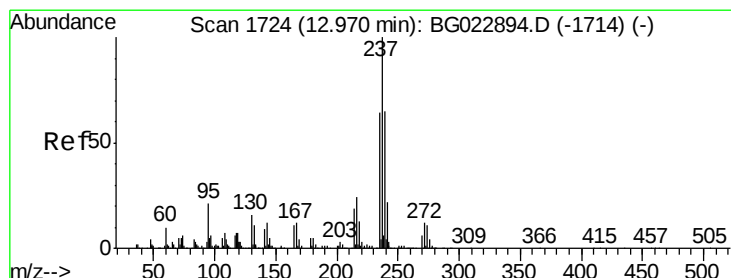
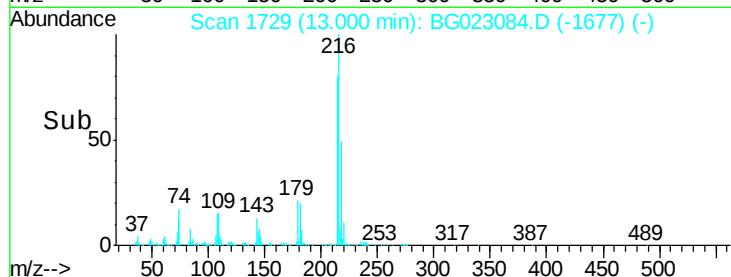
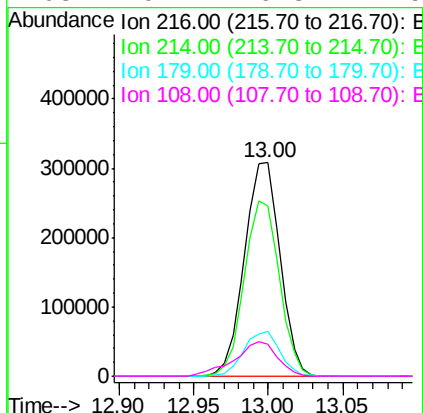
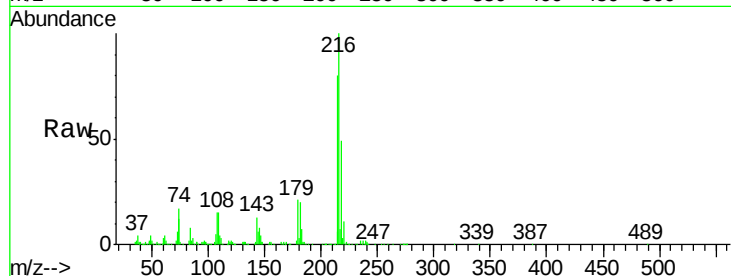




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.20 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

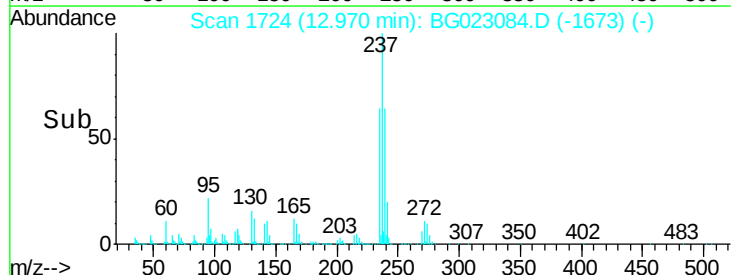
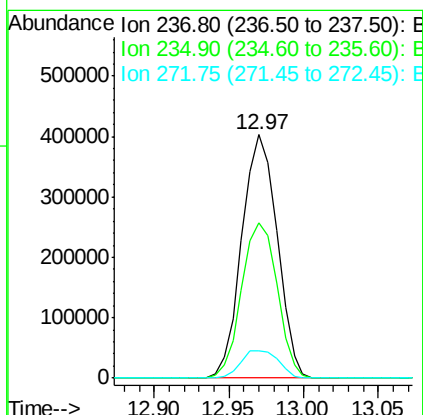
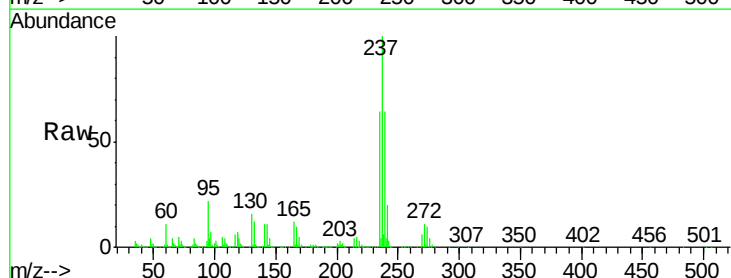
Instrument :
 BNA_G
 ClientSampleId :
 PB92013BS

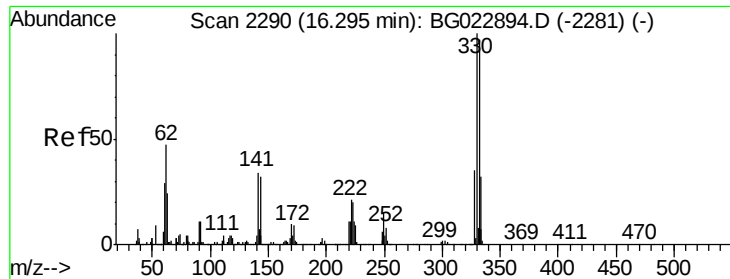
Tot Ion:216	Resp:	508334
Ion Ratio	Lower	Upper
216	100	
214	81.1	62.9 94.3
179	21.4	17.2 25.8
108	19.7	16.3 24.5



#40
 Hexachlorocyclopentadiene
 Concen: 65.96 ng
 RT: 12.97 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

Tgt Ion:237	Resp:	661029
Ion Ratio	Lower	Upper
237	100	
235	64.0	43.1 83.1
272	11.4	0.0 30.9

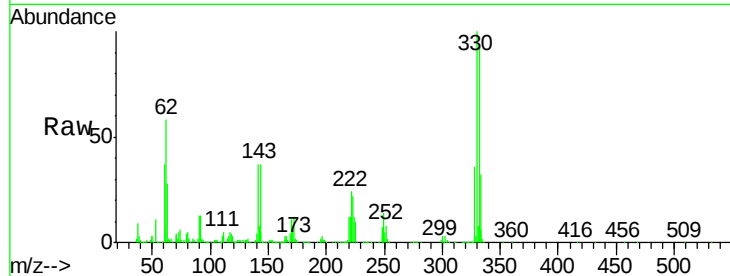




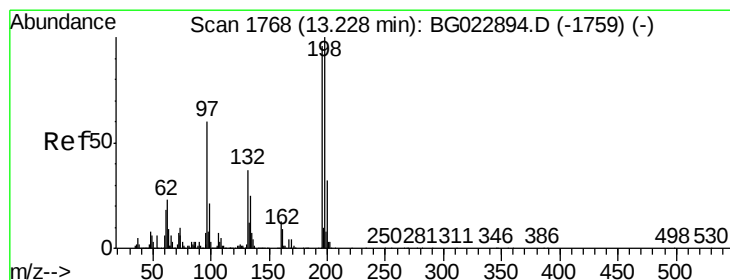
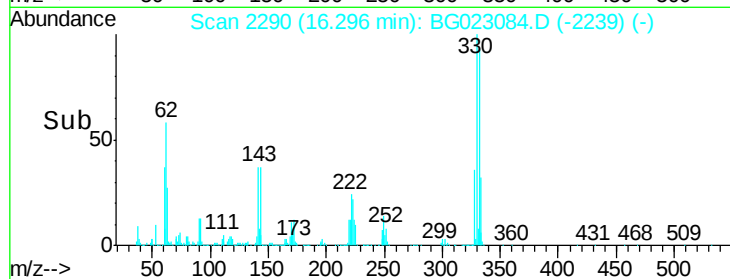
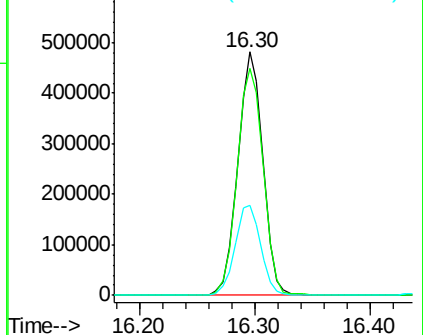
#41
 2,4,6-Tribromophenol
 Concen: 99.35 ng
 RT: 16.30 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

Instrument :
 BNA_G
 ClientSampleId :
 PB92013BS

Tot Ion:330 Resp: 721324
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 38.1 31.7 47.5

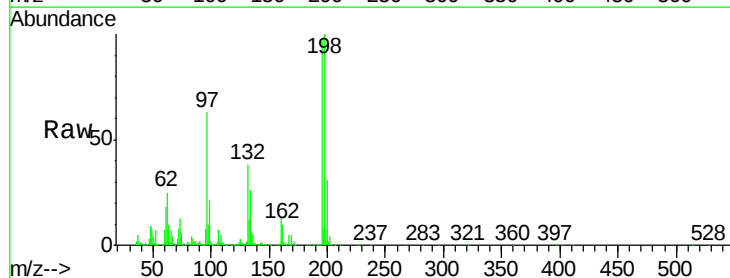


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

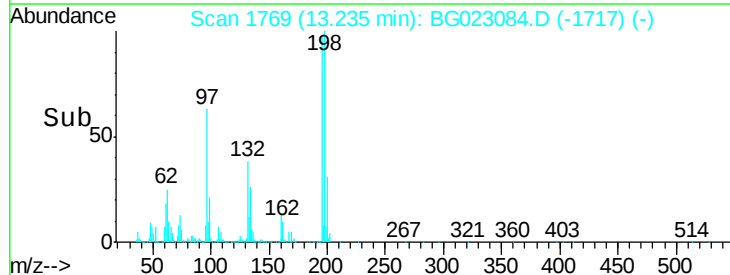
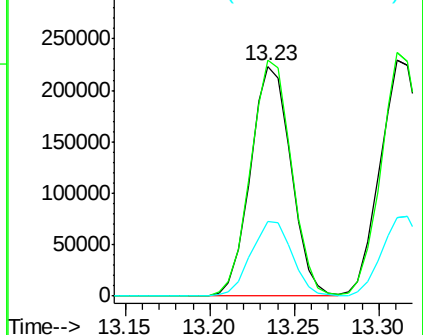


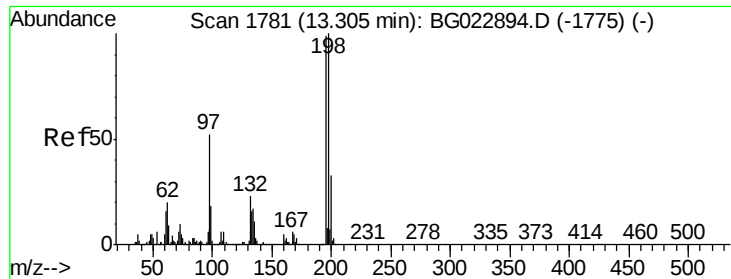
#42
 2,4,6-Trichlorophenol
 Concen: 37.10 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.01 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

Tgt Ion:196 Resp: 371209
 Ion Ratio Lower Upper
 196 100
 198 102.9 78.2 117.2
 200 32.3 27.0 40.4



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

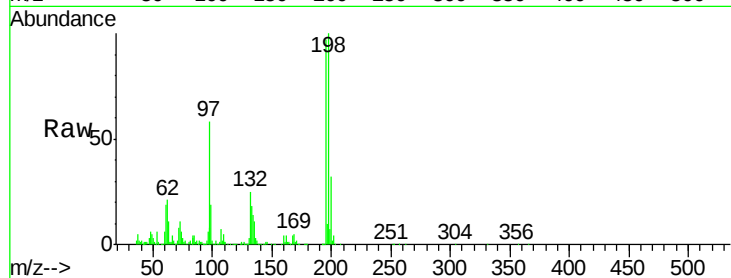




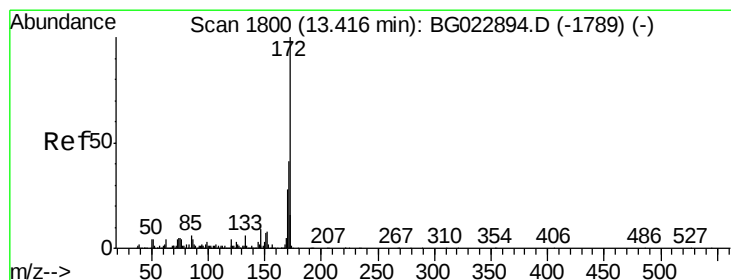
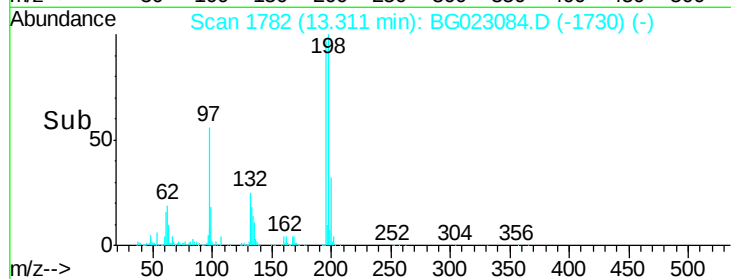
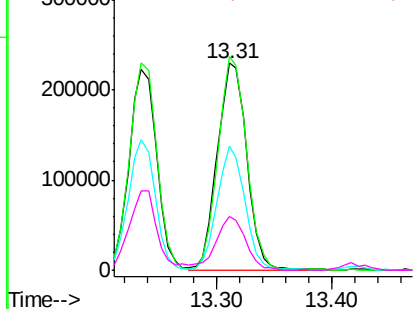
#43
 2,4,5-Trichlorophenol
 Concen: 39.32 ng
 RT: 13.31 min Scan# 1782
 Delta R.T. 0.01 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

Instrument :
 BNA_G
 ClientSampleId :
 PB92013BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	103.2	85.7	128.5
97	59.9	45.5	68.3
132	25.7	18.9	28.3

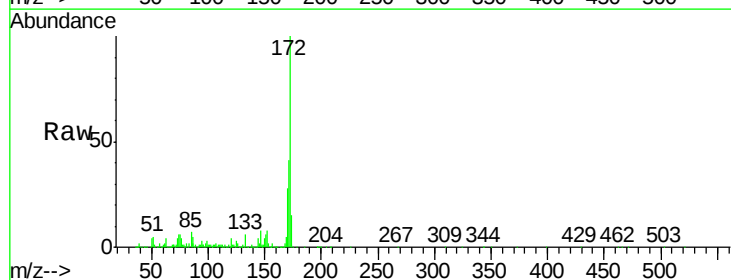


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

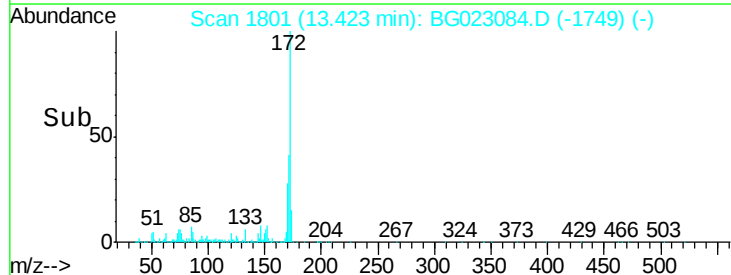
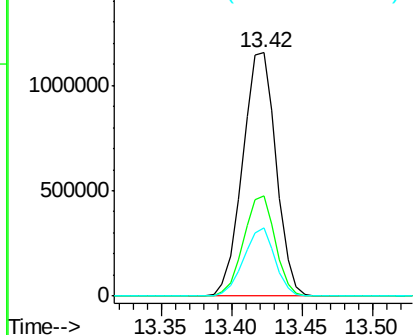


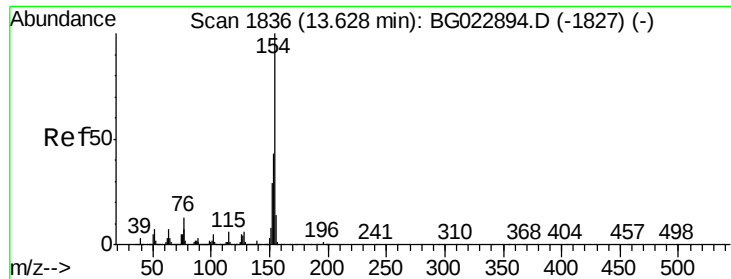
#44
 2-Fluorobiphenyl
 Concen: 74.74 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.4	31.6	47.4
170	28.1	21.3	31.9



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



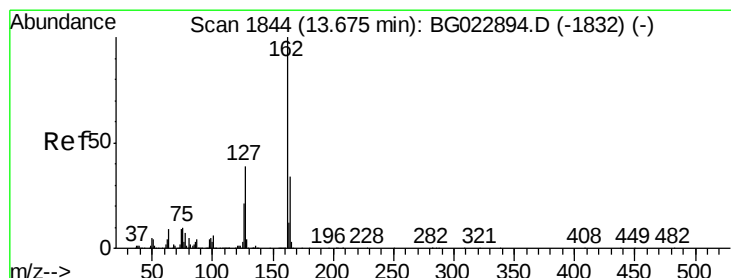
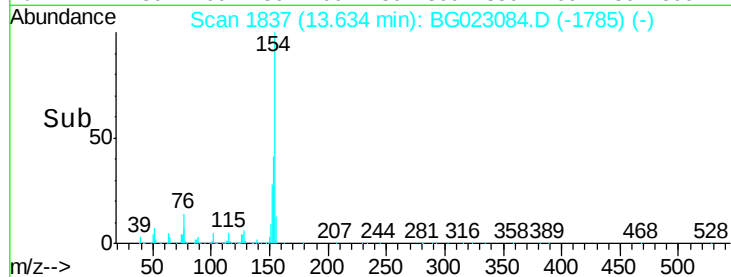
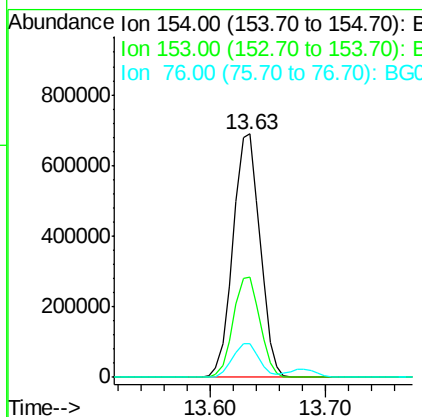
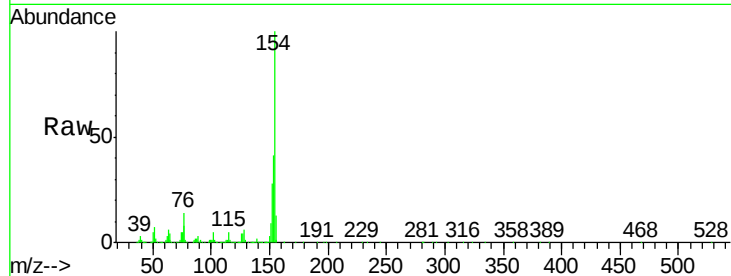


#45
 1,1'-Biphenyl
 Concen: 36.79 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

Instrument :
 BNA_G
 ClientSampleId :
 PB92013BS

Tot Ion:154 Resp: 1115095

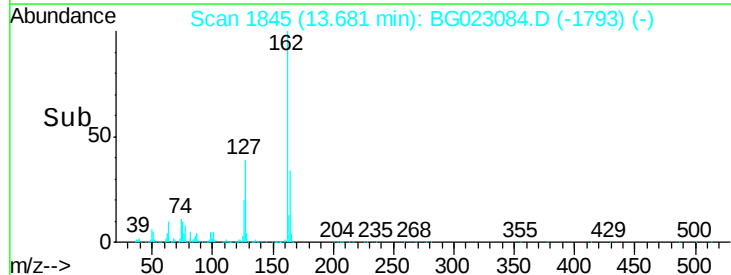
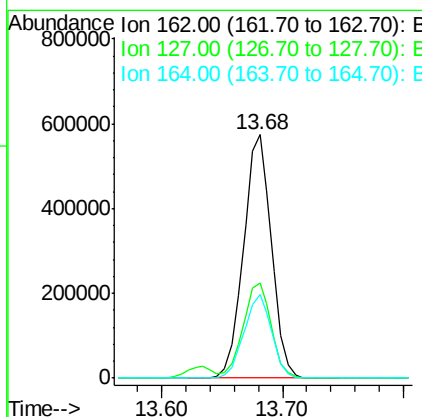
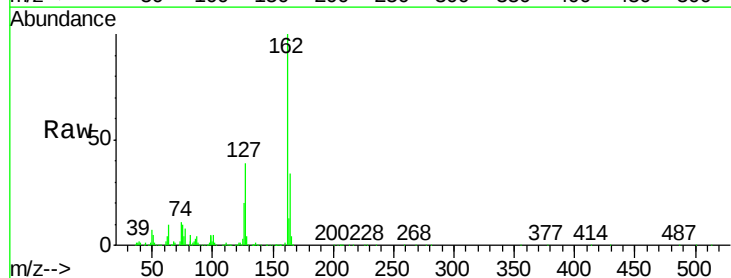
Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.2	60.2
76	13.9	0.0	32.9

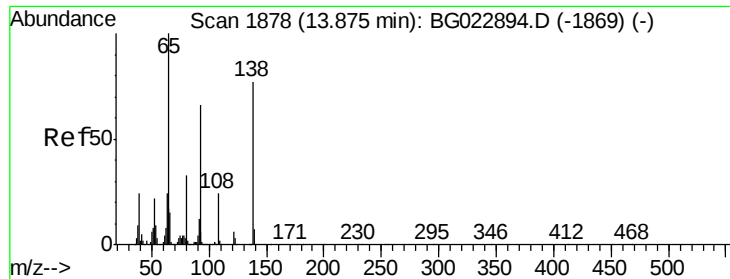


#46
 2-Chloronaphthalene
 Concen: 37.43 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

Tgt Ion:162 Resp: 920390

Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.4	48.6
164	34.3	25.2	37.8

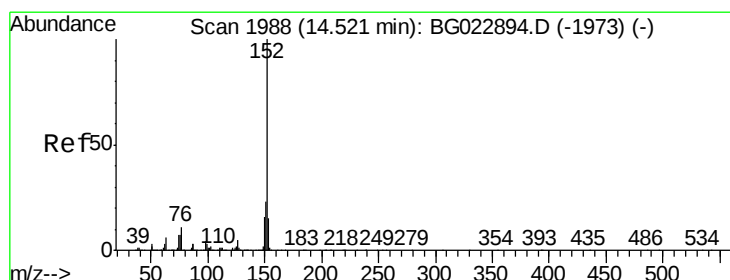
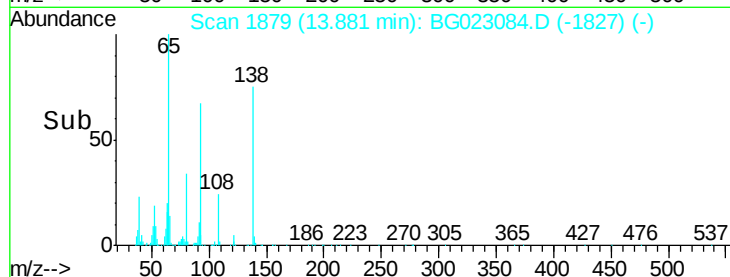
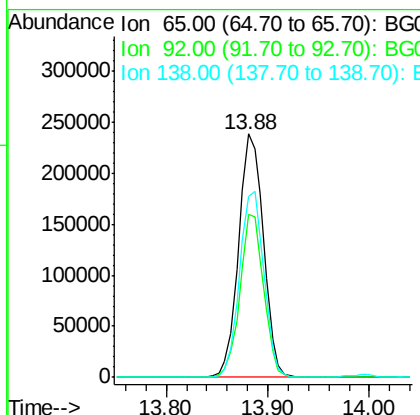
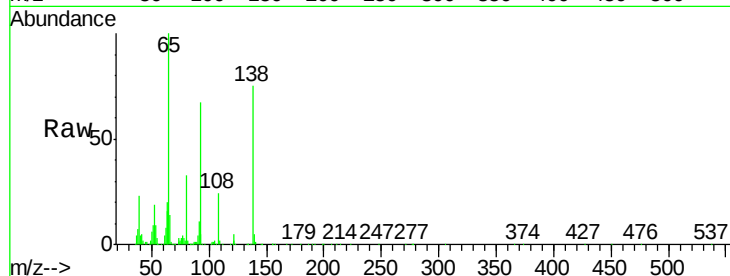




#47
2-Nitroaniline
Concen: 38.58 ng
RT: 13.88 min Scan# 1879
Delta R.T. 0.01 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

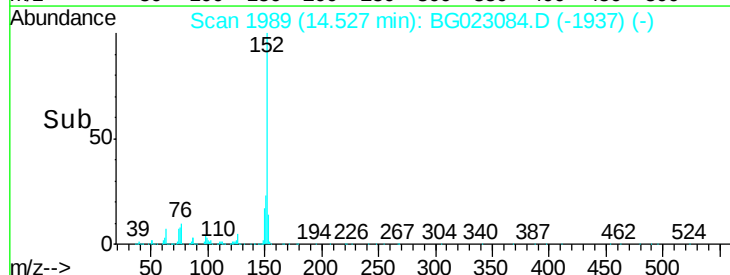
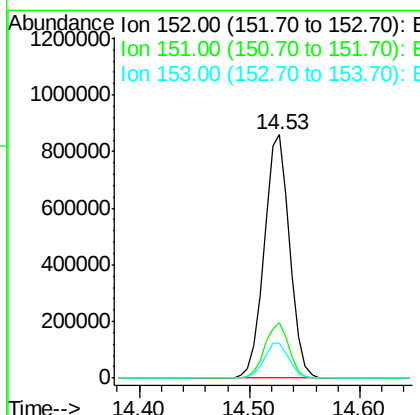
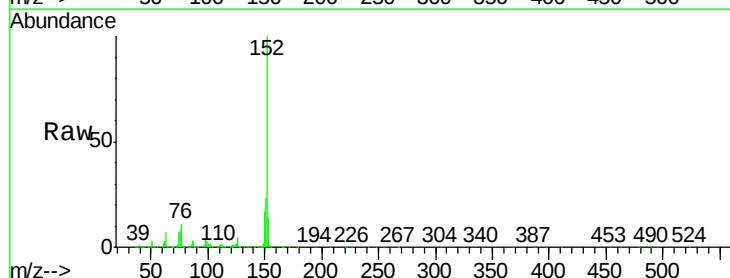
Instrument :
BNA_G
ClientSampleId :
PB92013BS

Tot Ion: 65 Resp: 404789
Ion Ratio Lower Upper
65 100
92 66.9 49.4 74.0
138 74.6 58.0 87.0



#48
Acenaphthylene
Concen: 37.36 ng
RT: 14.53 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

Tgt Ion: 152 Resp: 1377834
Ion Ratio Lower Upper
152 100
151 22.9 17.6 26.4
153 14.3 11.4 17.2





#49

Dimethylphthalate

Concen: 37.28 ng

RT: 14.25 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

Instrument :

BNA_G

ClientSampleId :

PB92013BS

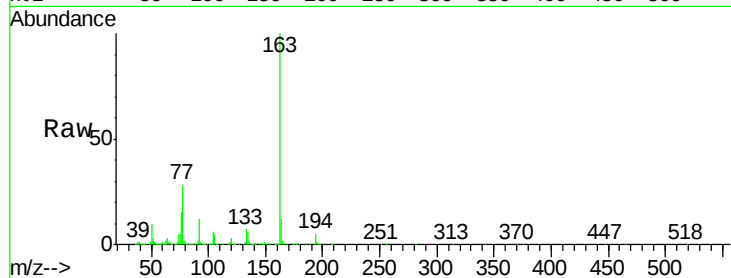
Tot Ion:163 Resp: 1230080

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

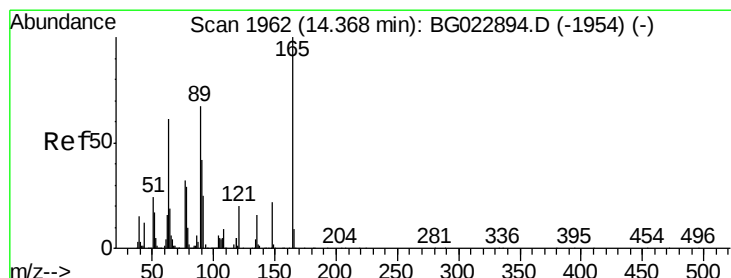
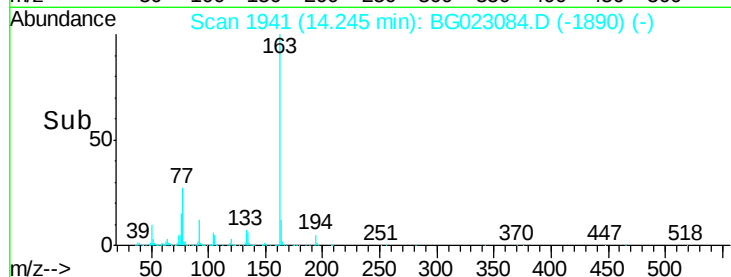
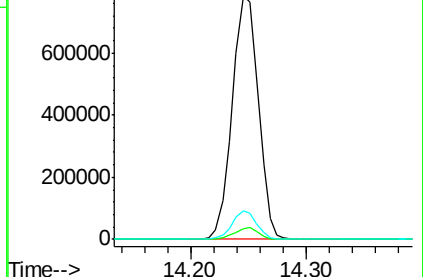
164 11.9 8.1 12.1



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: 38.51 ng

RT: 14.37 min Scan# 1963

Delta R.T. 0.01 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

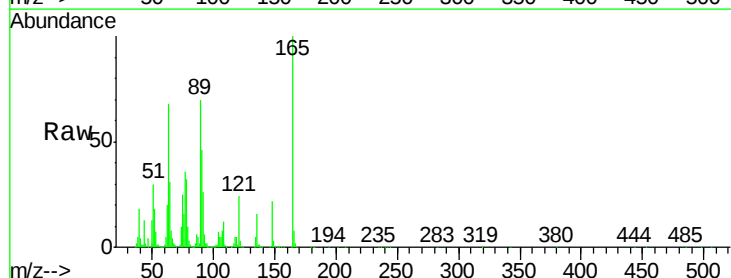
Tgt Ion:165 Resp: 285605

Ion Ratio Lower Upper

165 100

63 68.4 64.3 96.5

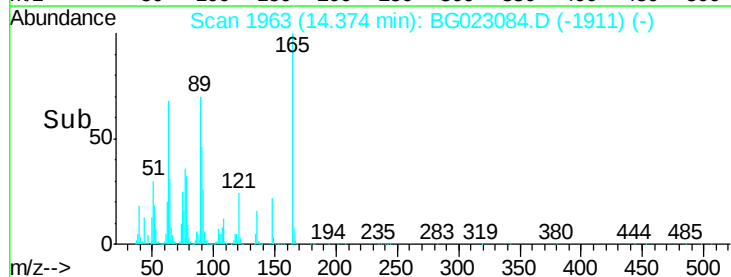
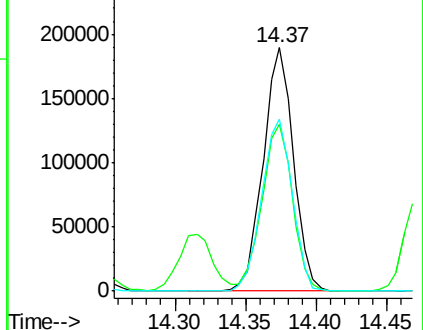
89 70.5 64.3 96.5

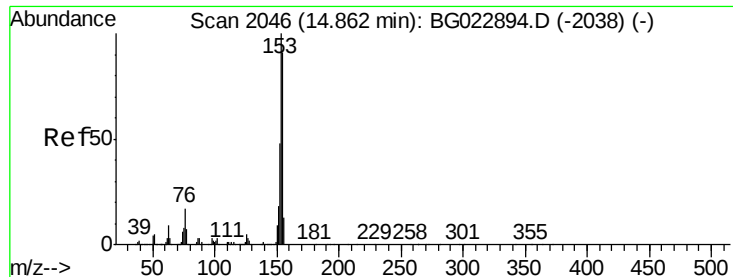


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 37.54 ng

RT: 14.87 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

Instrument :

BNA_G

ClientSampleId :

PB92013BS

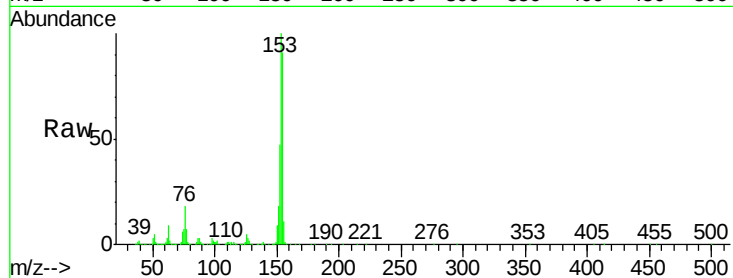
Tot Ion:154 Resp: 904802

Ion Ratio Lower Upper

154 100

153 109.4 87.5 131.3

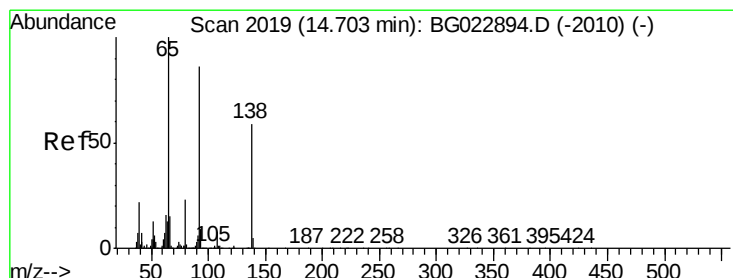
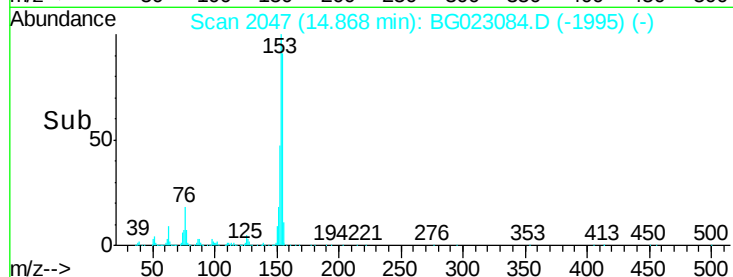
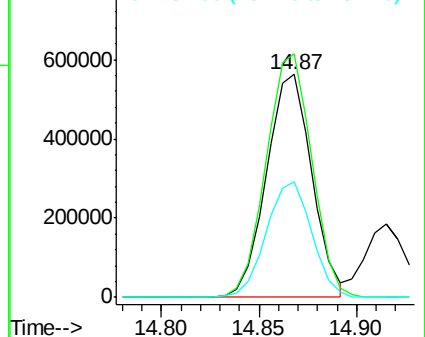
152 51.8 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.85 ng

RT: 14.71 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

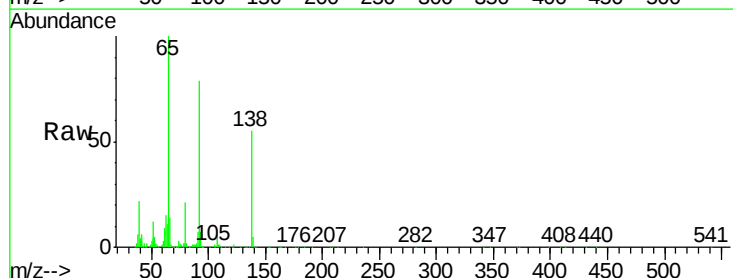
Tgt Ion:138 Resp: 168950

Ion Ratio Lower Upper

138 100

108 11.4 11.7 17.5#

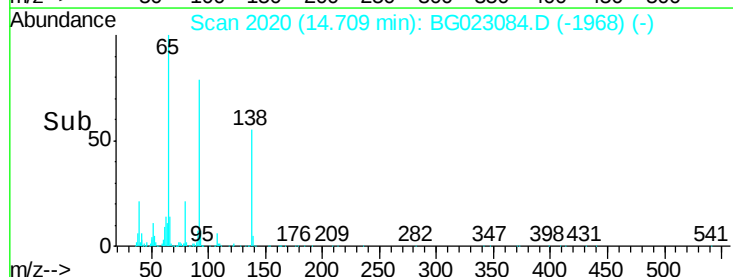
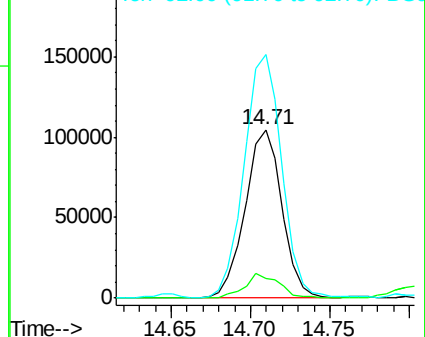
92 144.4 129.7 194.5

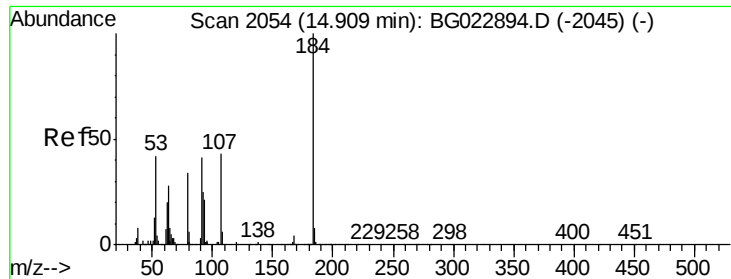


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 71.47 ng

RT: 14.91 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

Instrument :

BNA_G

ClientSampleId :

PB92013BS

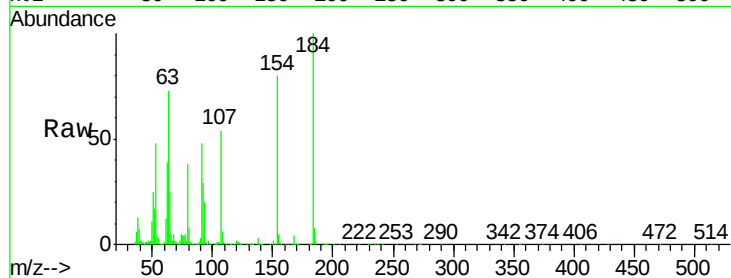
Tot Ion:184 Resp: 363680

Ion Ratio Lower Upper

184 100

63 72.5 59.6 89.4

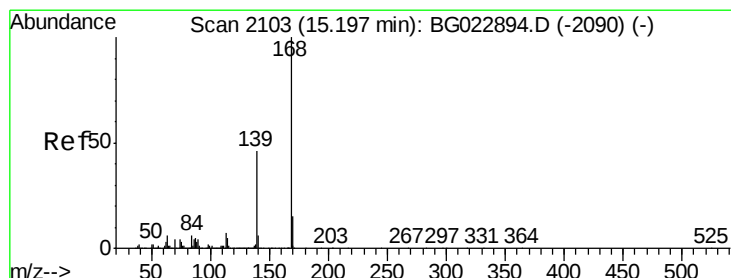
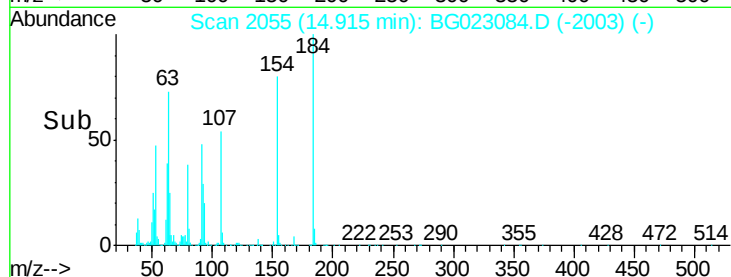
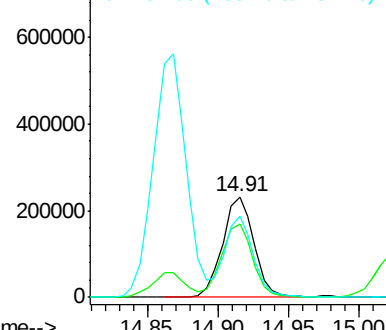
154 80.3 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG022894.D (-2045) (-)

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 40.54 ng

RT: 15.20 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

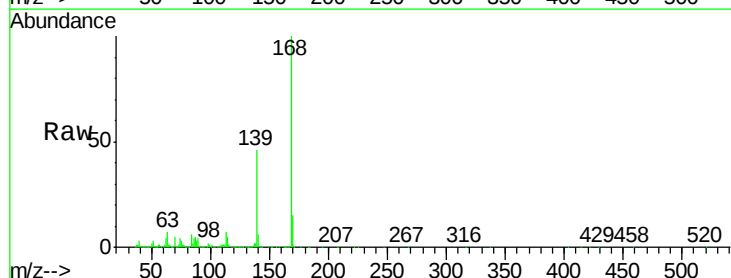
Tgt Ion:168 Resp: 1462714

Ion Ratio Lower Upper

168 100

139 45.6 36.4 54.6

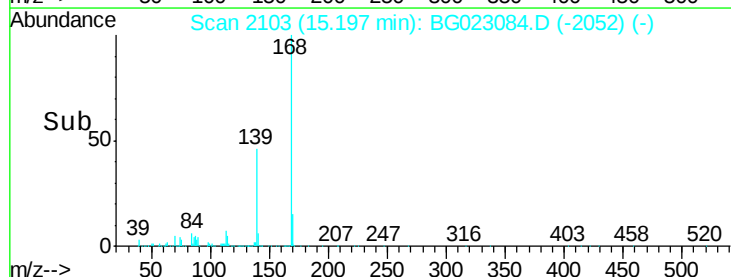
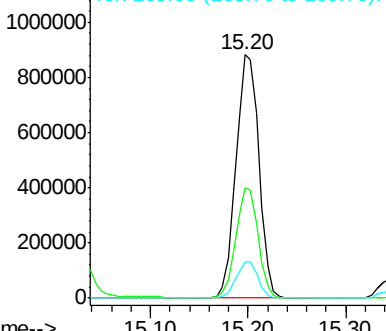
169 14.6 11.9 17.9

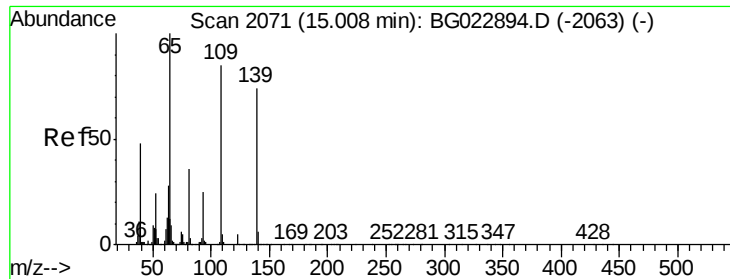


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

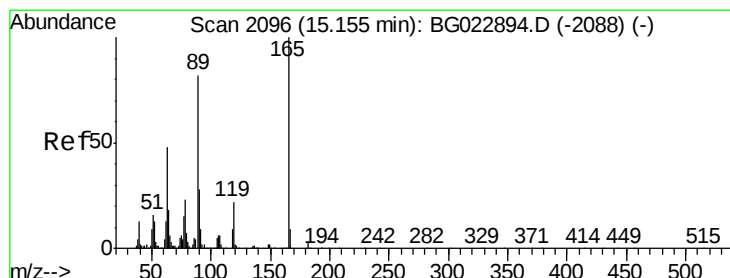
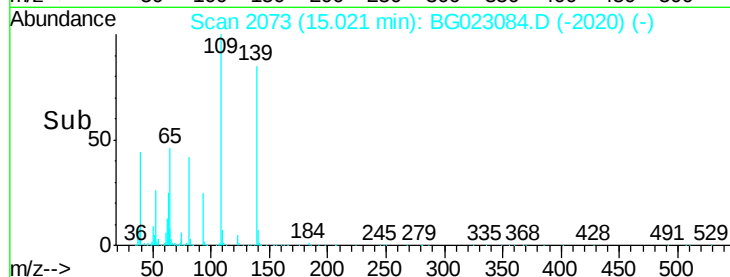
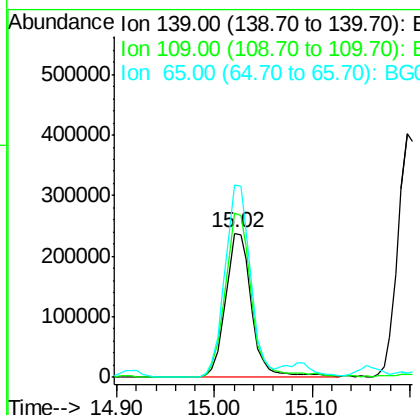
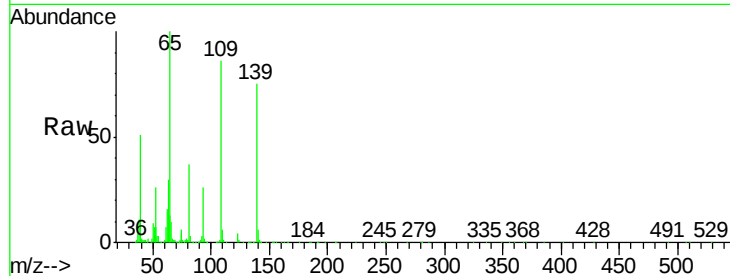




#55
4-Nitrophenol
Concen: 71.26 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

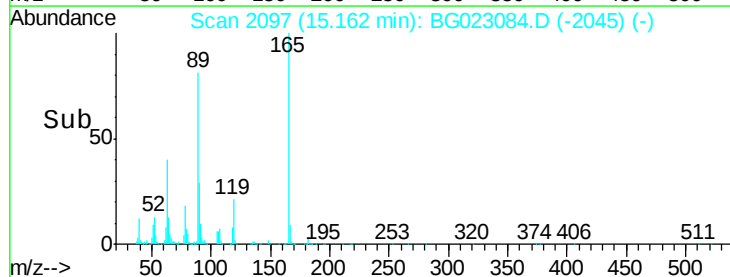
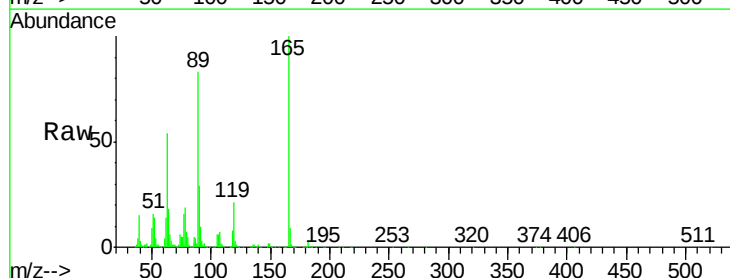
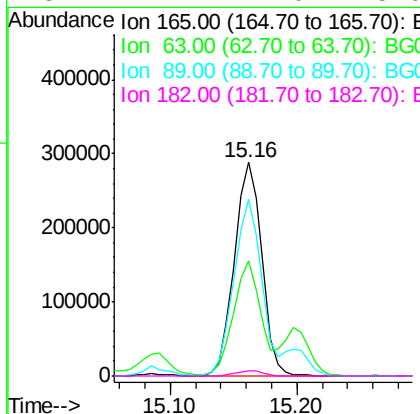
Instrument :
BNA_G
ClientSampleId :
PB92013BS

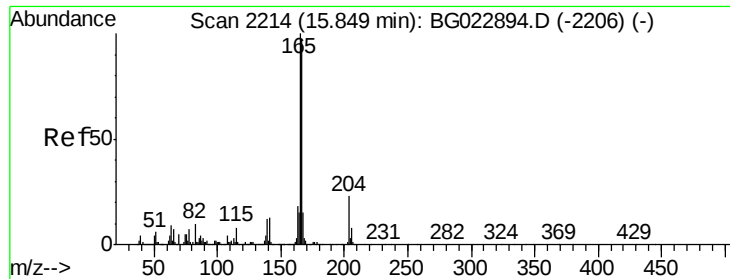
Tot Ion:139 Resp: 441743
Ion Ratio Lower Upper
139 100
109 114.2 103.0 143.0
65 133.2 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 39.78 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

Tgt Ion:165 Resp: 430068
Ion Ratio Lower Upper
165 100
63 53.7 45.8 68.6
89 82.7 68.6 102.8
182 2.7 2.0 3.0





#57

Fluorene

Concen: 38.53 ng

RT: 15.85 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

Instrument :

BNA_G

ClientSampleId :

PB92013BS

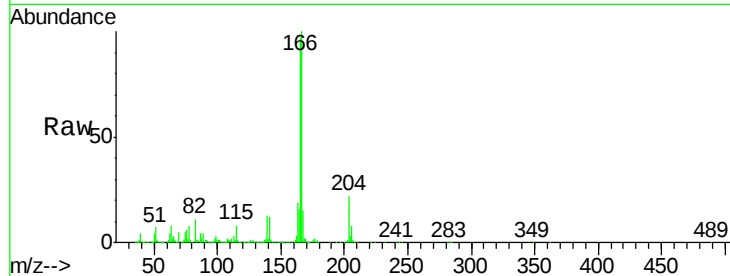
Tot Ion:166 Resp: 1196317

Ion Ratio Lower Upper

166 100

165 97.3 81.0 121.6

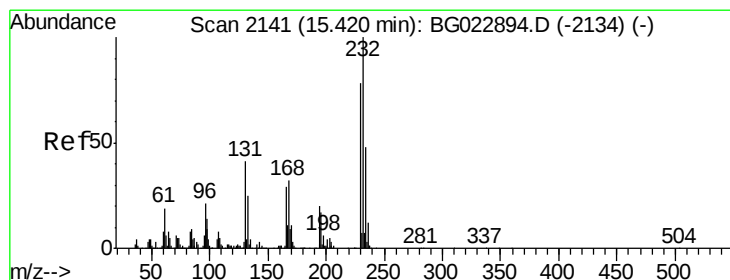
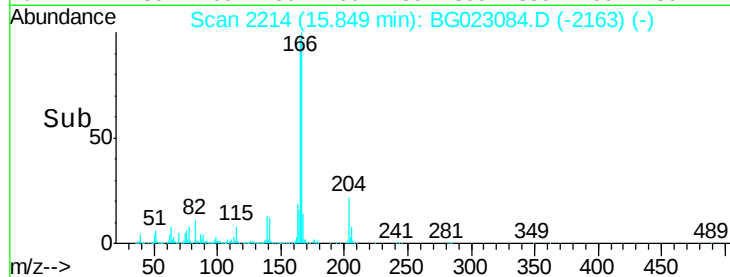
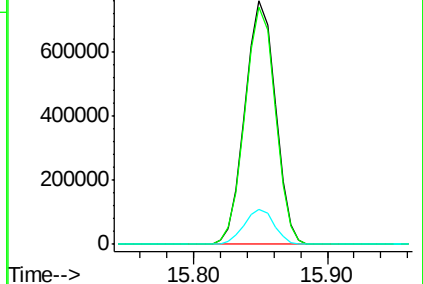
167 14.5 12.0 18.0



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: 40.78 ng

RT: 15.43 min Scan# 2142

Delta R.T. 0.01 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

Tgt Ion:232 Resp: 419191

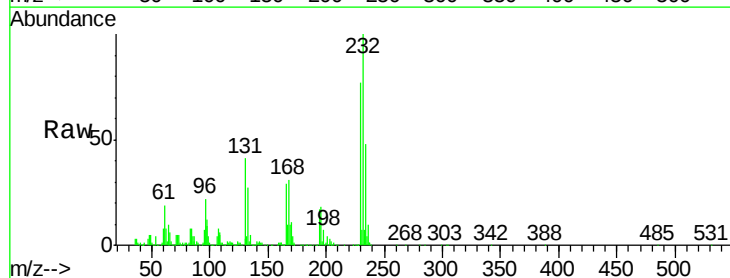
Ion Ratio Lower Upper

232 100

131 39.9 32.7 49.1

130 2.4 2.6 3.8#

166 28.8 23.0 34.6

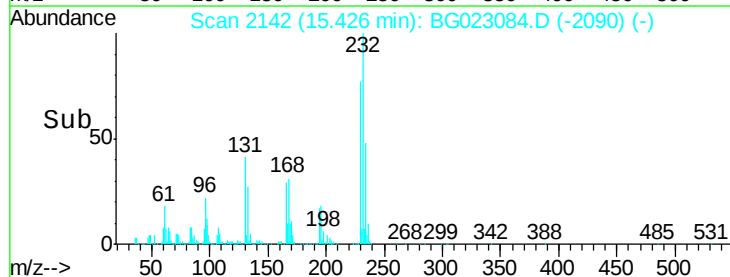
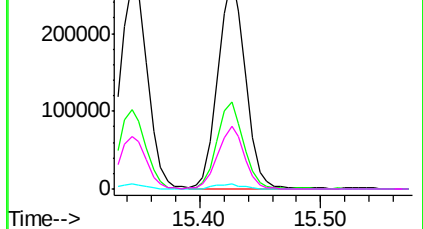


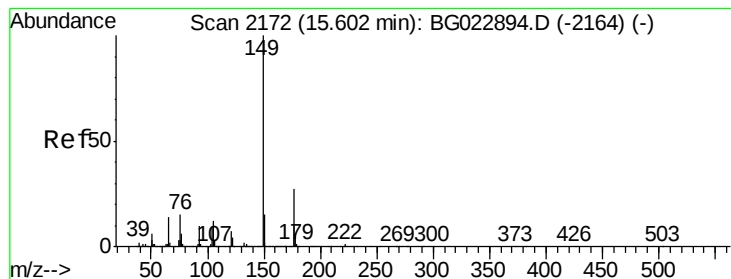
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.44 ng

RT: 15.61 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

Instrument :

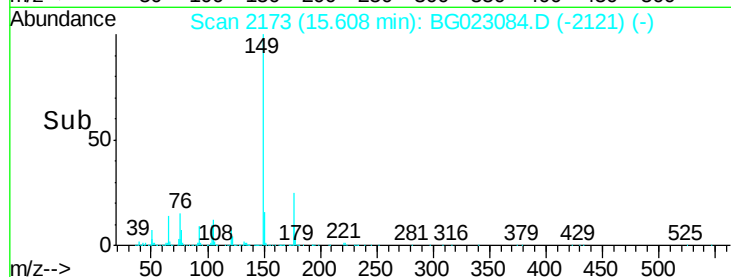
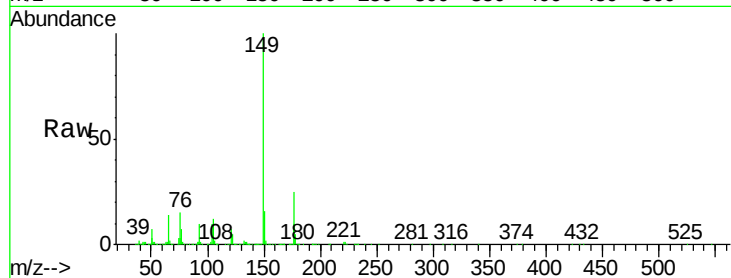
BNA_G

ClientSampleId :

PB92013BS

Tot Ion:149 Resp: 1290684

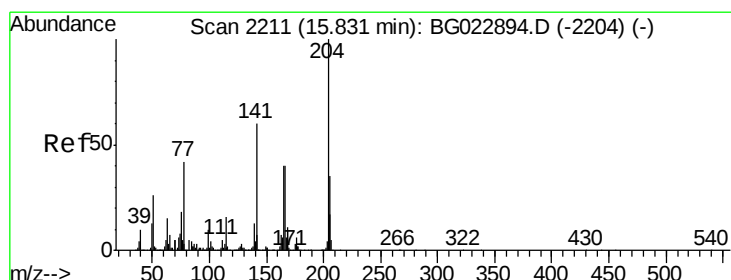
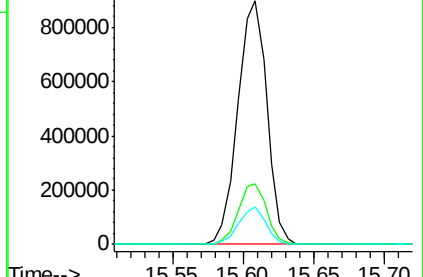
Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.2	28.8
150	15.6	10.6	16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.35 ng

RT: 15.84 min Scan# 2212

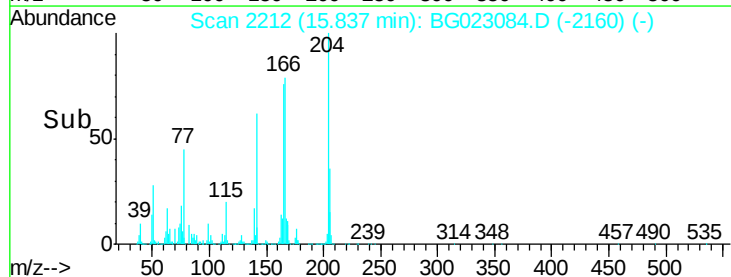
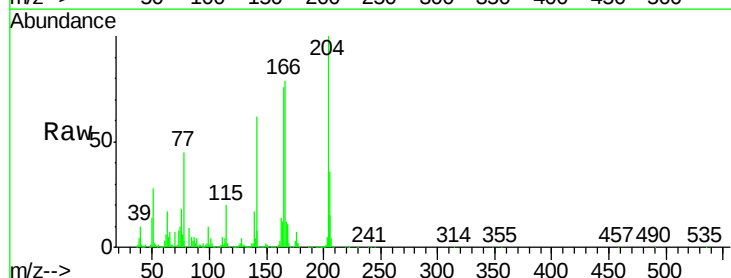
Delta R.T. 0.01 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

Tgt Ion:204 Resp: 687490

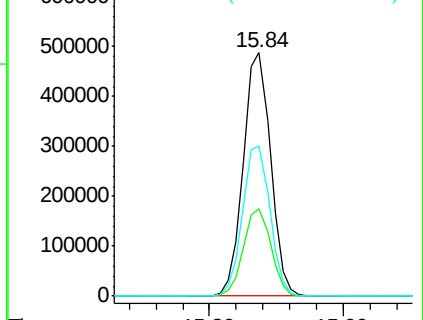
Ion	Ratio	Lower	Upper
204	100		
206	36.1	28.5	42.7
141	61.7	51.4	77.0

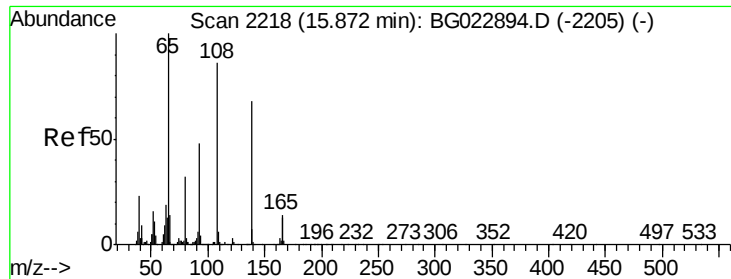


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

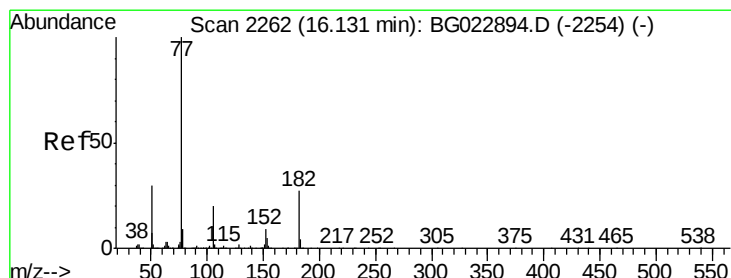
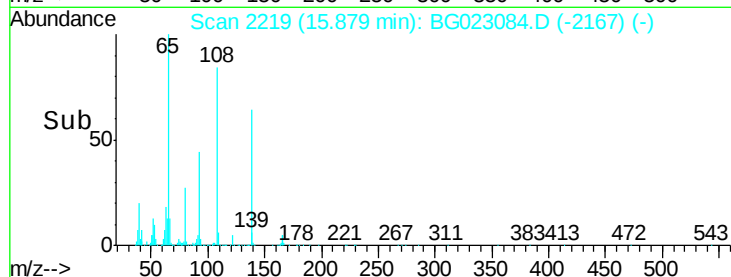
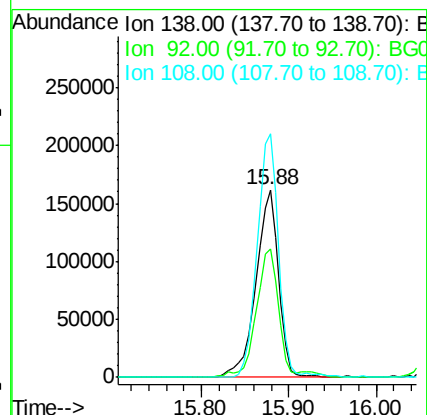
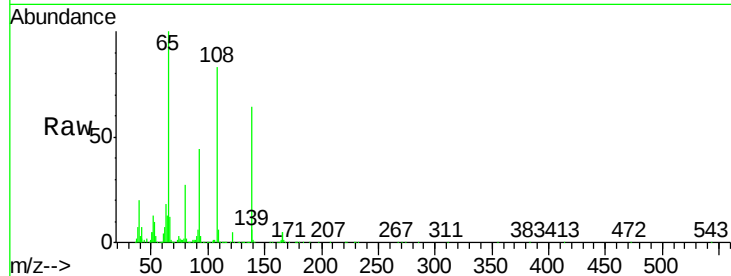




#61
4-Nitroaniline
Concen: 35.41 ng
RT: 15.88 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

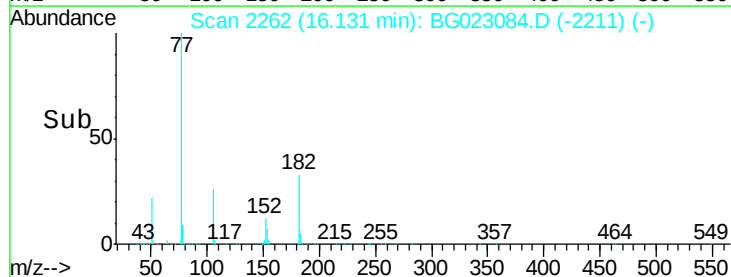
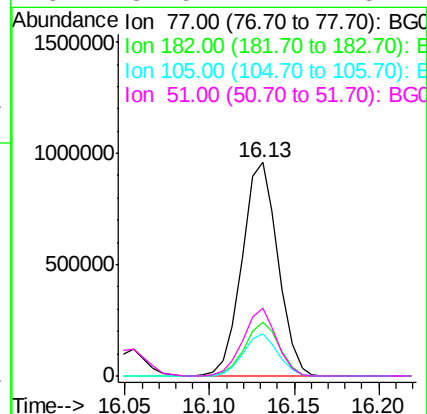
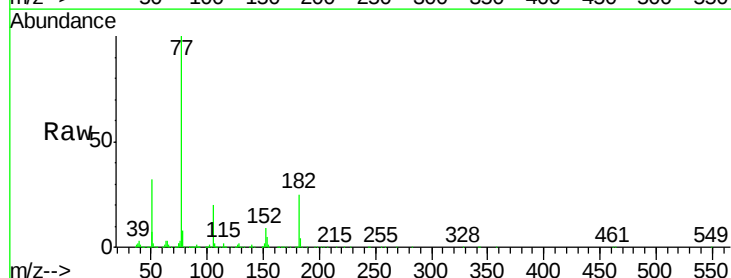
Instrument :
BNA_G
ClientSampleId :
PB92013BS

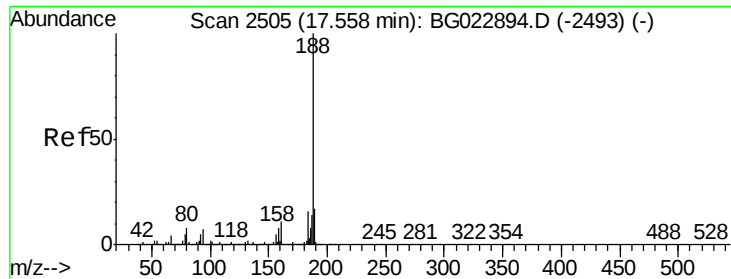
Tot Ion:138 Resp: 283312
Ion Ratio Lower Upper
138 100
92 68.2 54.1 94.1
108 129.7 133.9 173.9#



#62
Azobenzene
Concen: 44.06 ng
RT: 16.13 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

Tgt Ion: 77 Resp: 1414917
Ion Ratio Lower Upper
77 100
182 25.0 3.5 43.5
105 20.1 0.0 38.5
51 31.5 17.1 57.1

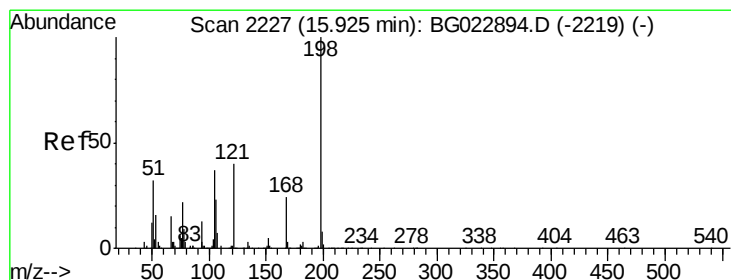
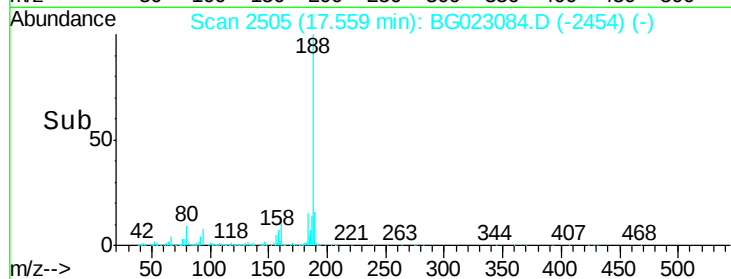
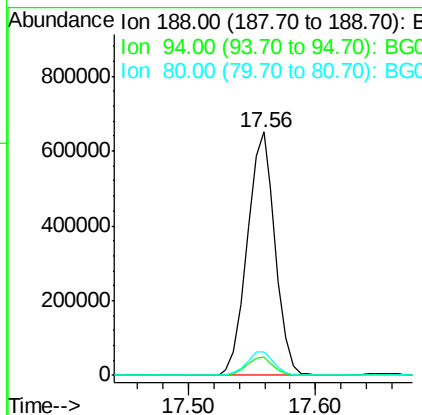
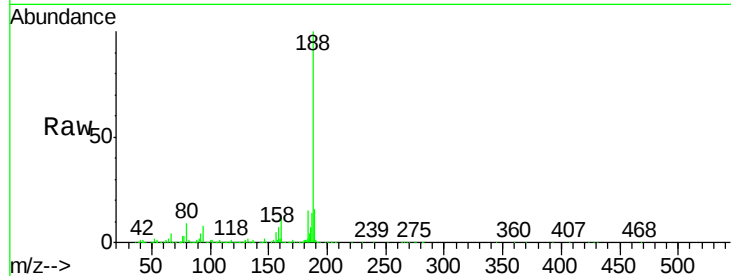




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 2505
 Delta R.T. 0.00 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

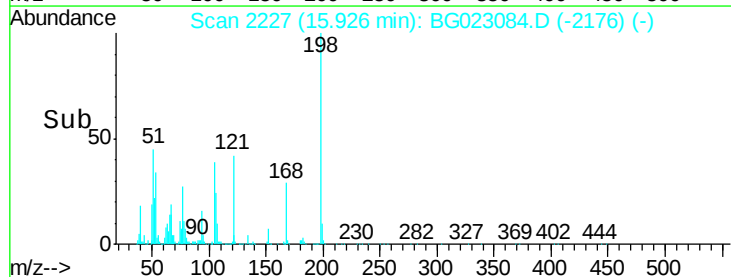
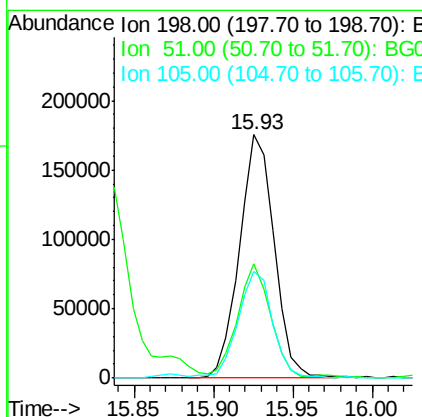
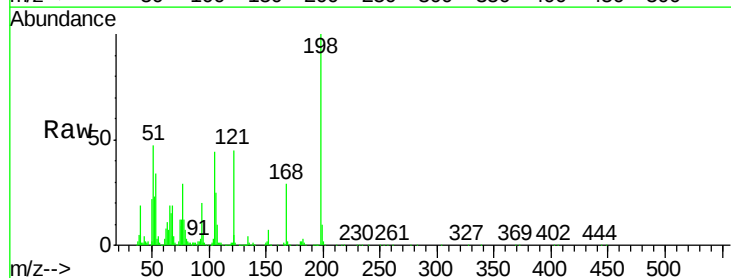
Instrument :
 BNA_G
 ClientSampleId :
 PB92013BS

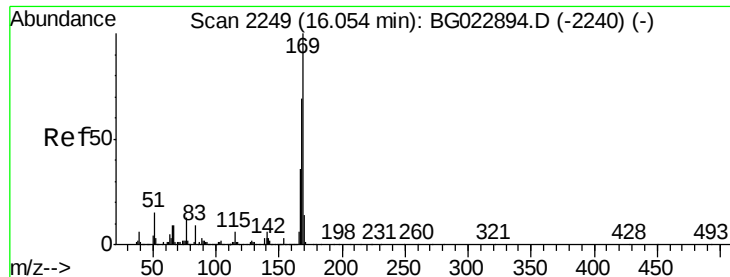
Tot Ion	188	Resp	984668
Ion Ratio	100		
Lower	5.2		
Upper	7.8		
94	7.8		
80	9.4		
7.2			
10.8			



#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.35 ng
 RT: 15.93 min Scan# 2227
 Delta R.T. 0.00 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

Tgt Ion	198	Resp	266045
Ion Ratio	100		
Lower	26.0		
Upper	66.0		
51	47.0		
105	43.9		
20.1			
60.1			

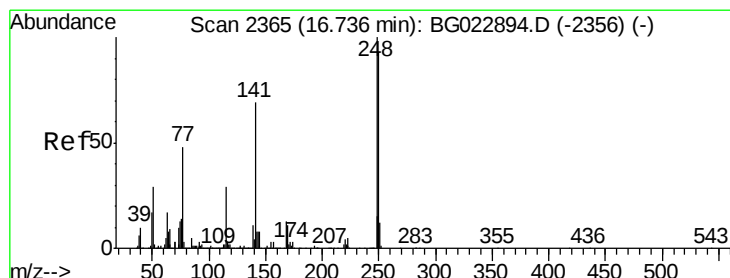
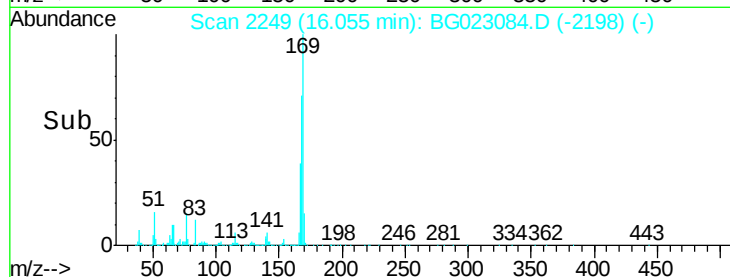
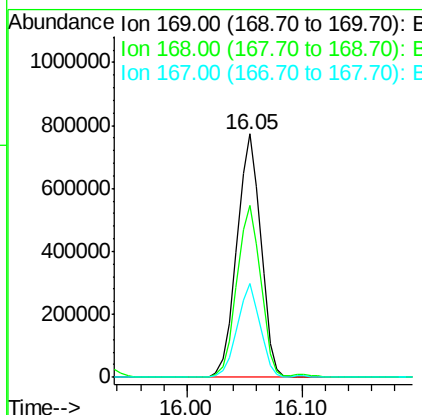
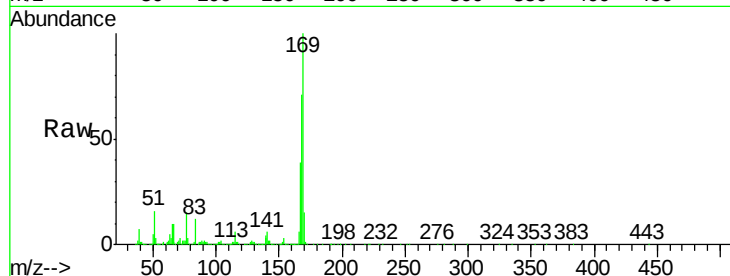




#65
 n-Nitrosodiphenylamine
 Concen: 39.10 ng
 RT: 16.05 min Scan# 2249
 Delta R.T. 0.00 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

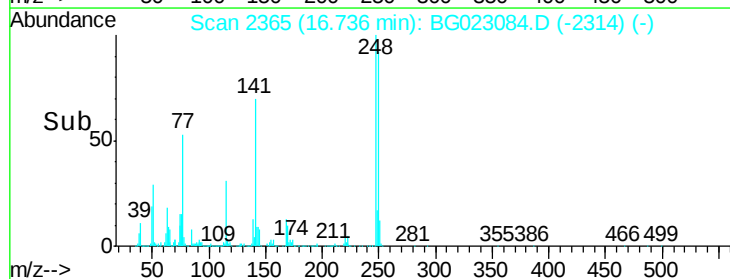
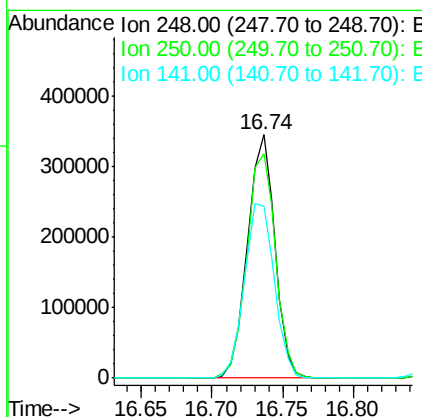
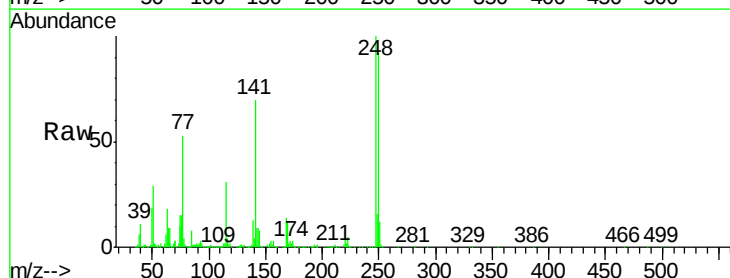
Instrument :
 BNA_G
 ClientSampleID :
 PB92013BS

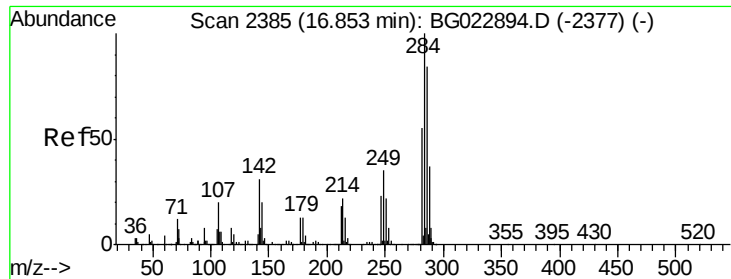
Tot Ion:169 Resp: 1109223
 Ion Ratio Lower Upper
 169 100
 168 70.7 55.0 82.4
 167 38.5 27.4 41.0



#66
 4-Bromophenyl-phenylether
 Concen: 36.65 ng
 RT: 16.74 min Scan# 2365
 Delta R.T. 0.00 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

Tgt Ion:248 Resp: 469498
 Ion Ratio Lower Upper
 248 100
 250 91.9 77.8 116.8
 141 70.4 65.7 98.5

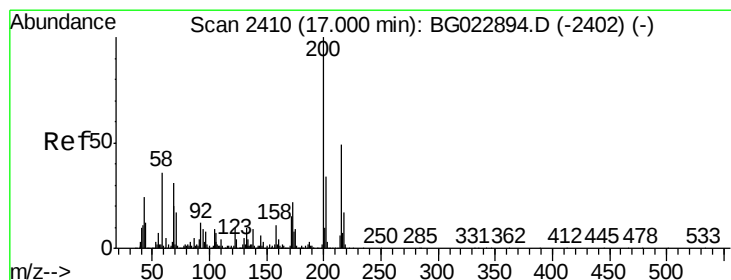
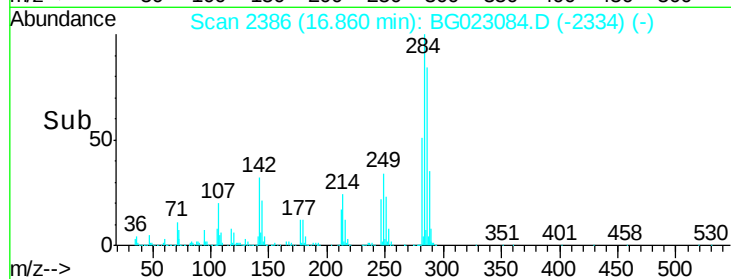
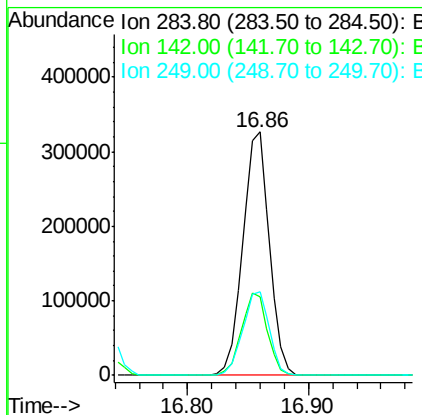
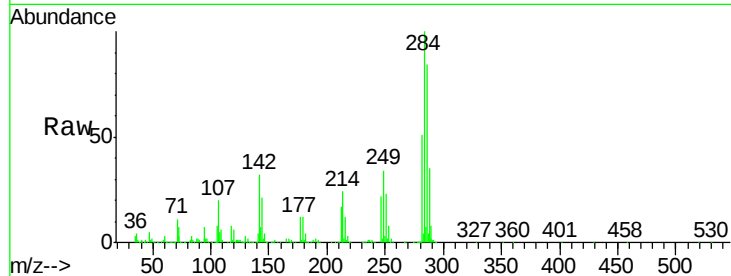




#67
Hexachlorobenzene
Concen: 35.74 ng
RT: 16.86 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

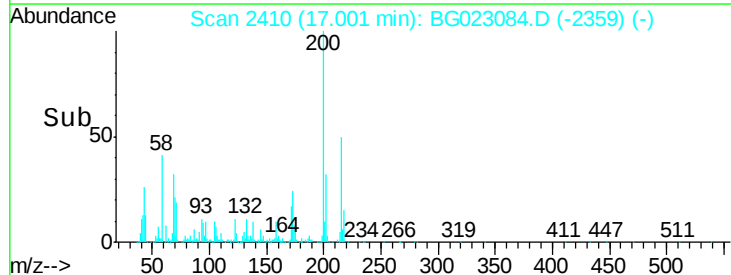
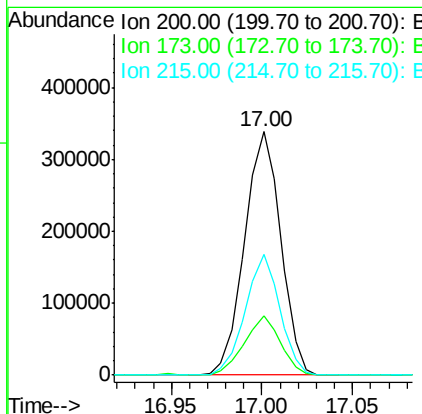
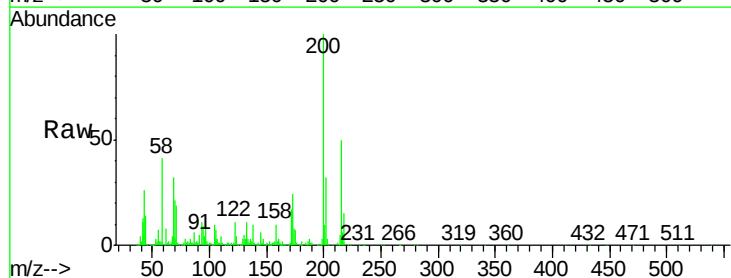
Instrument :
BNA_G
ClientSampleId :
PB92013BS

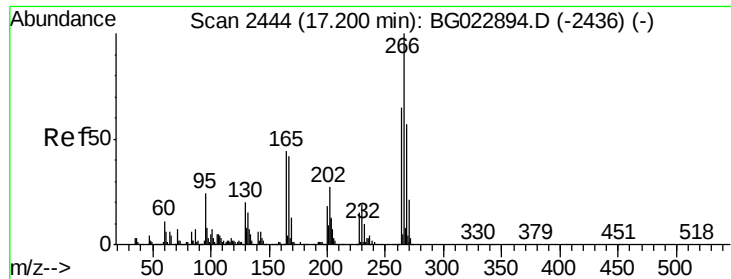
Tot Ion	Ratio	Lower	Upper
284	100		
142	32.1	26.8	40.2
249	34.3	28.9	43.3



#68
Atrazine
Concen: 37.43 ng
RT: 17.00 min Scan# 2410
Delta R.T. 0.00 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.5	1.6	41.6
215	49.7	28.7	68.7

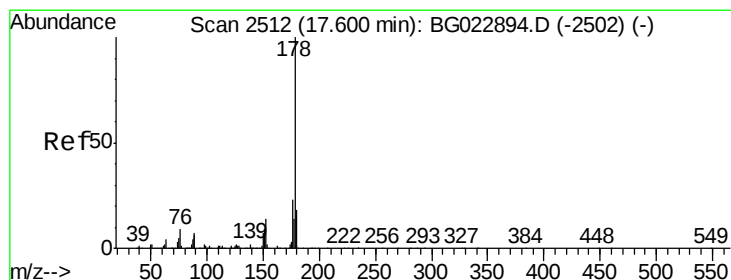
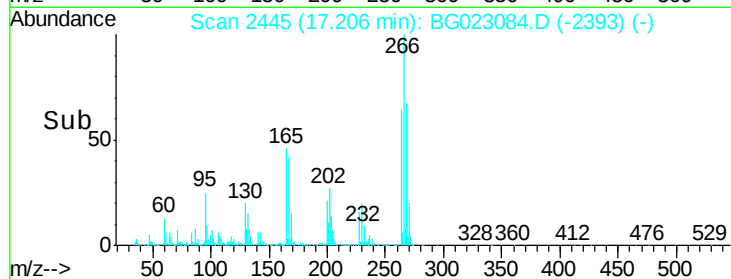
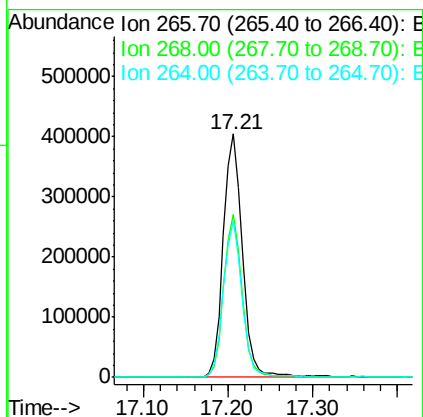
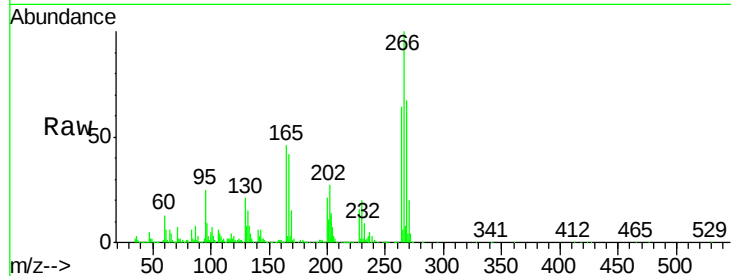




#69
 Pentachlorophenol
 Concen: 70.47 ng
 RT: 17.21 min Scan# 2445
 Delta R.T. 0.01 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

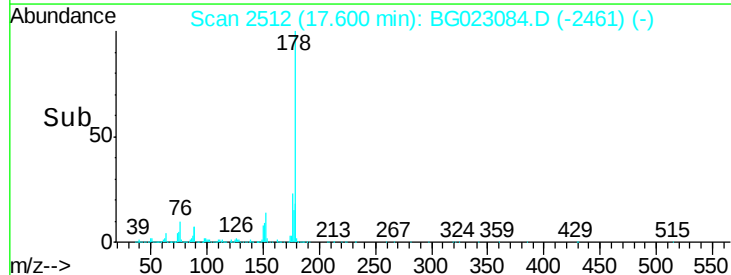
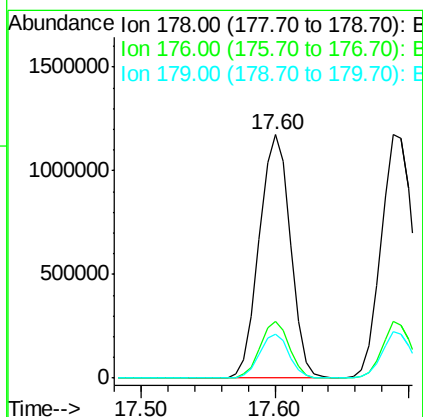
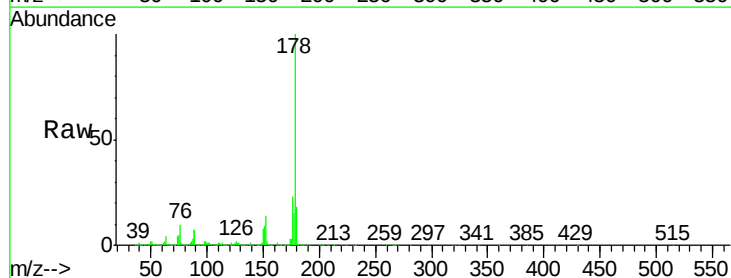
Instrument :
 BNA_G
 ClientSampleId :
 PB92013BS

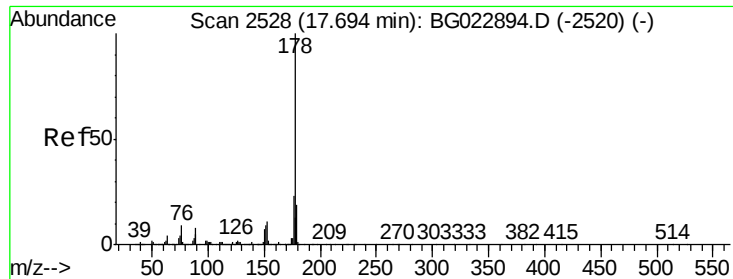
Tot Ion:266 Resp: 635712
 Ion Ratio Lower Upper
 266 100
 268 67.1 51.9 77.9
 264 64.2 50.6 75.8



#70
 Phenanthrene
 Concen: 39.14 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

Tgt Ion:178 Resp: 1888711
 Ion Ratio Lower Upper
 178 100
 176 23.3 16.8 25.2
 179 18.3 14.3 21.5





#71

Anthracene

Concen: 39.66 ng

RT: 17.69 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

Instrument :

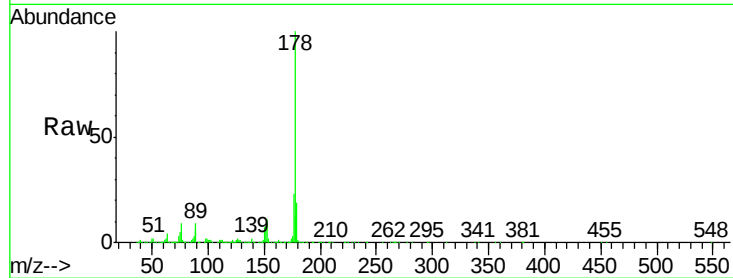
BNA_G

ClientSampleId :

PB92013BS

Tot Ion:178 Resp: 1937828

Ion	Ratio	Lower	Upper
178	100		
176	23.2	17.3	25.9
179	18.9	14.0	21.0

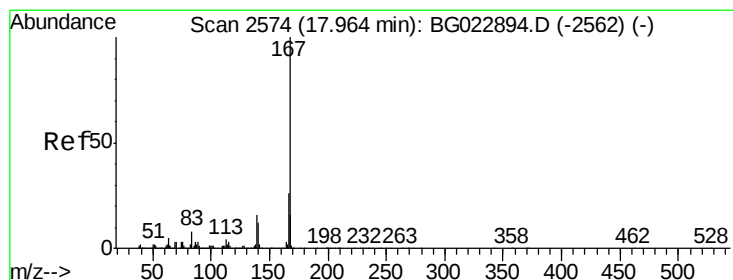
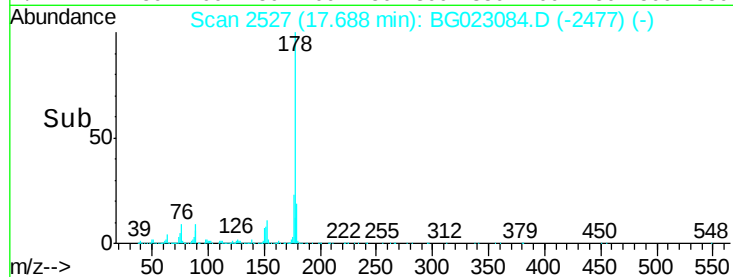
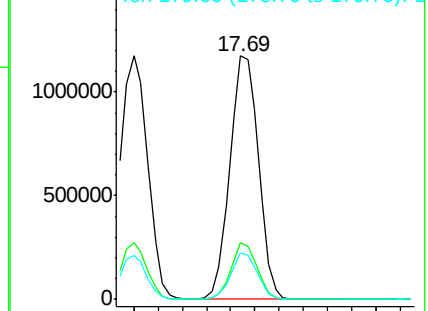


Abundance

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



#72

Carbazole

Concen: 39.91 ng

RT: 17.96 min Scan# 2574

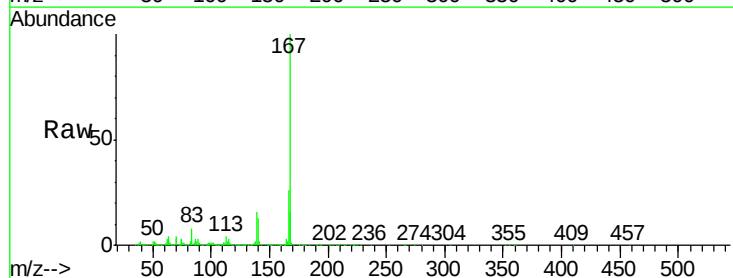
Delta R.T. 0.00 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

Tgt Ion:167 Resp: 1685244

Ion	Ratio	Lower	Upper
167	100		
166	25.9	20.7	31.1
139	15.7	11.9	17.9

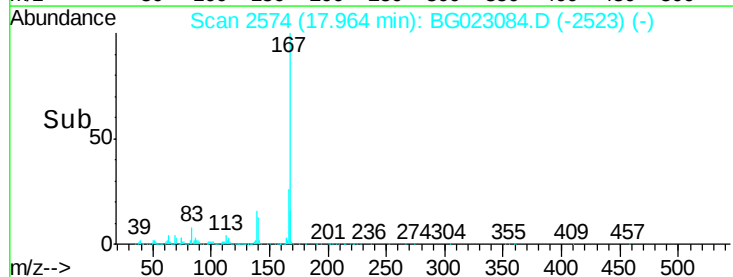
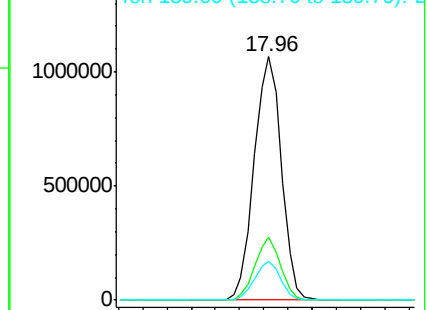


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

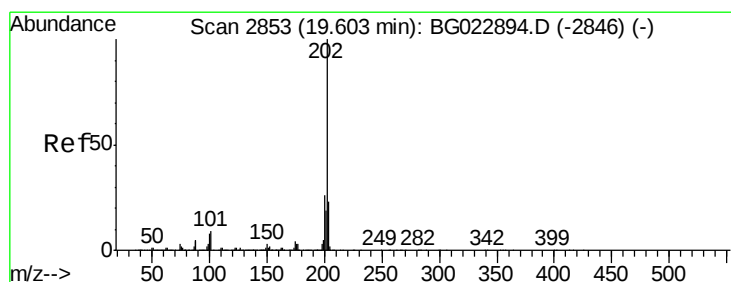
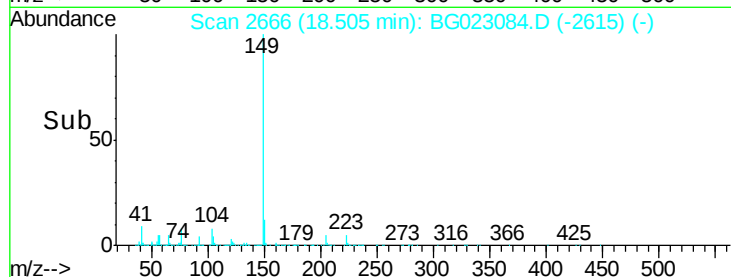
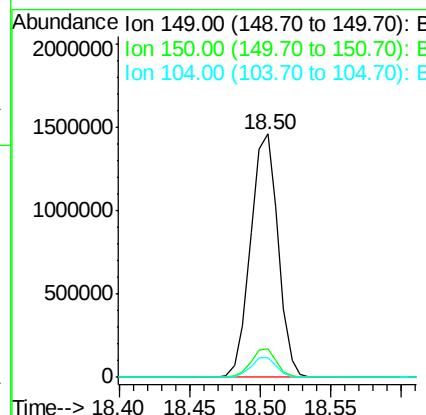
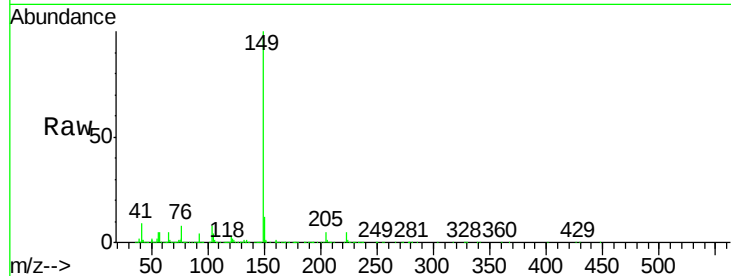




#73
Di-n-butylphthalate
Concen: 42.44 ng
RT: 18.50 min Scan# 2666
Delta R.T. 0.00 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

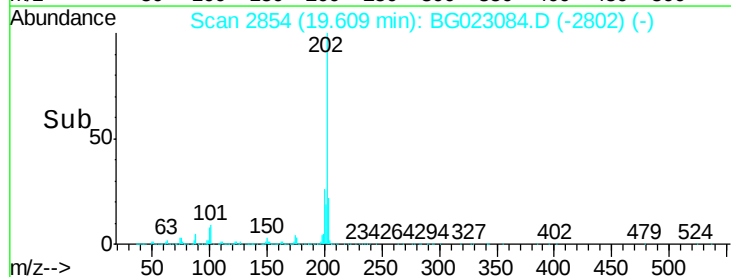
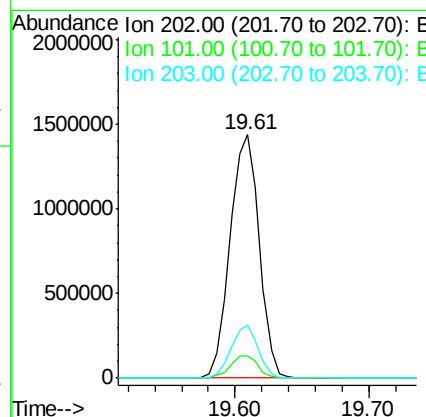
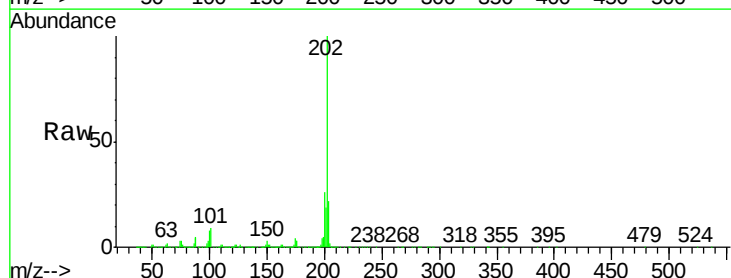
Instrument :
BNA_G
ClientSampleId :
PB92013BS

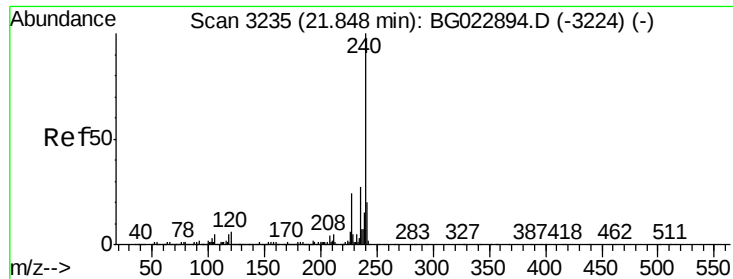
Tot Ion:149 Resp: 1992689
Ion Ratio Lower Upper
149 100
150 11.9 9.1 13.7
104 8.2 6.9 10.3



#74
Fluoranthene
Concen: 37.11 ng
RT: 19.61 min Scan# 2854
Delta R.T. 0.01 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

Tgt Ion:202 Resp: 2197851
Ion Ratio Lower Upper
202 100
101 9.3 0.0 27.4
203 22.0 1.7 41.7

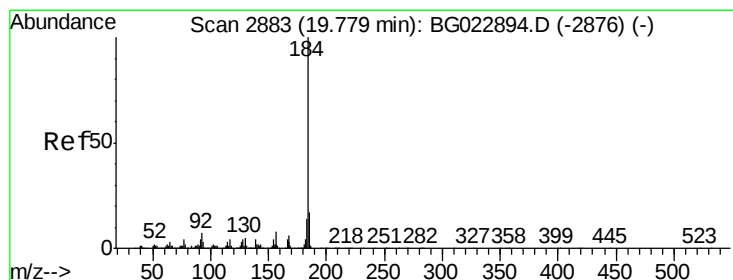
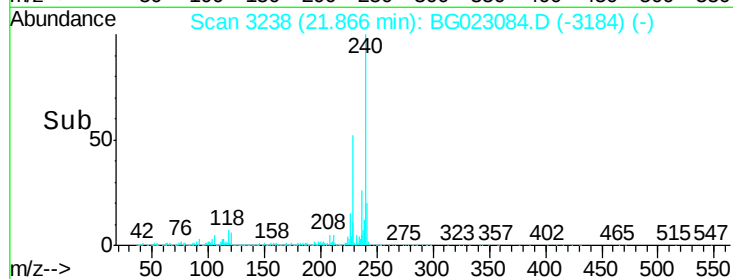
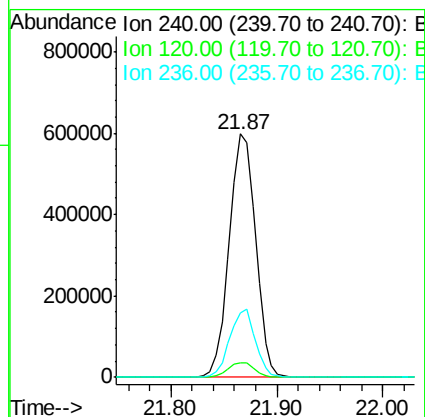
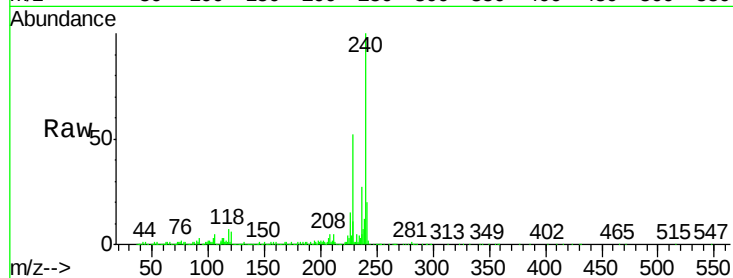




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.87 min Scan# 3238
 Delta R.T. 0.02 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

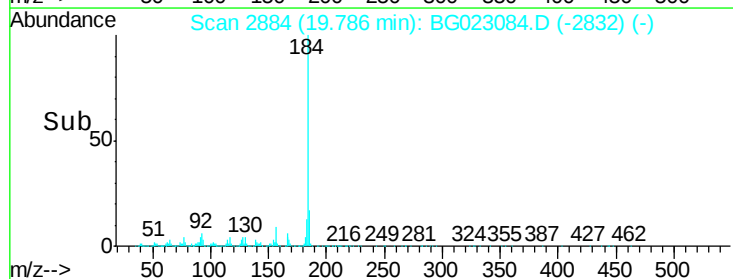
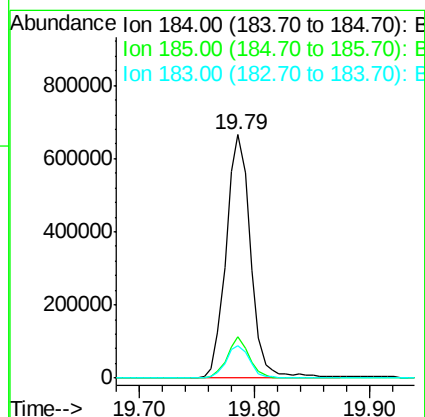
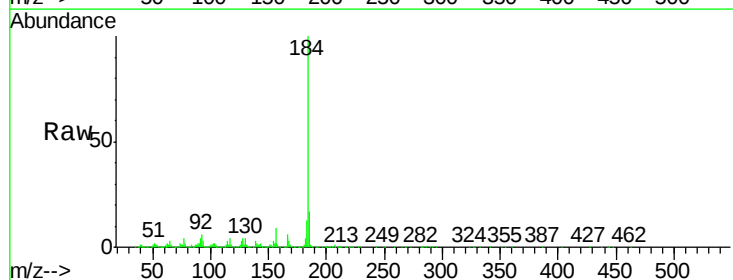
Instrument :
 BNA_G
 ClientSampleId :
 PB92013BS

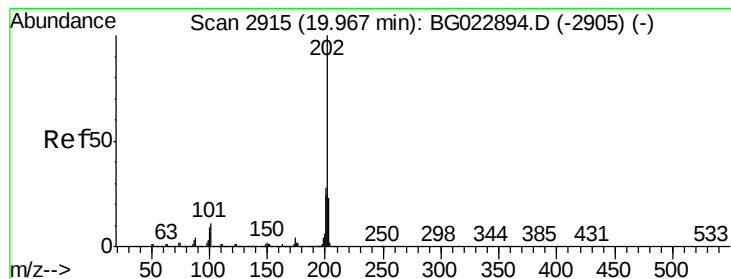
Tot Ion:240 Resp: 1029381
 Ion Ratio Lower Upper
 240 100
 120 6.0 4.1 6.1
 236 26.5 21.1 31.7



#76
 Benzidine
 Concen: 33.37 ng
 RT: 19.79 min Scan# 2884
 Delta R.T. 0.01 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

Tgt Ion:184 Resp: 984731
 Ion Ratio Lower Upper
 184 100
 185 16.7 12.6 19.0
 183 13.2 10.7 16.1





#77

Pvrene

Concen: 38.35 ng

RT: 19.97 min Scan# 2915

Delta R.T. 0.00 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

Instrument :

BNA_G

ClientSampleId :

PB92013BS

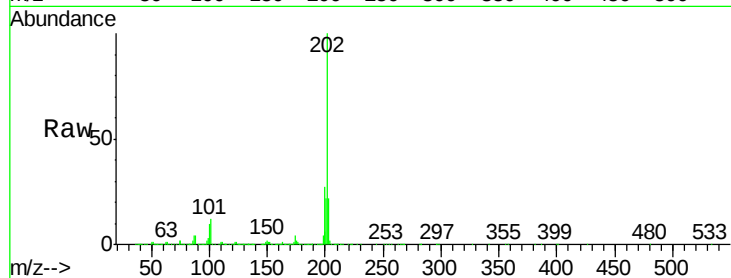
Tot Ion:202 Resp: 2218560

Ion Ratio Lower Upper

202 100

200 26.7 21.2 31.8

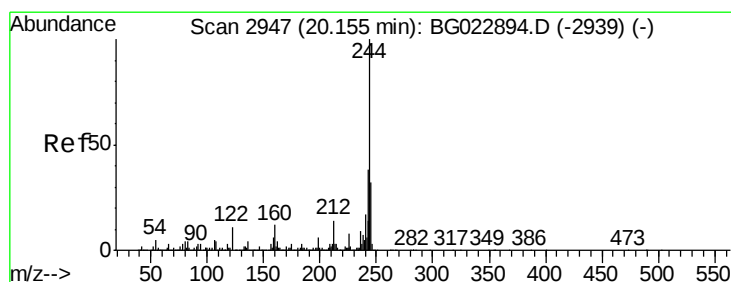
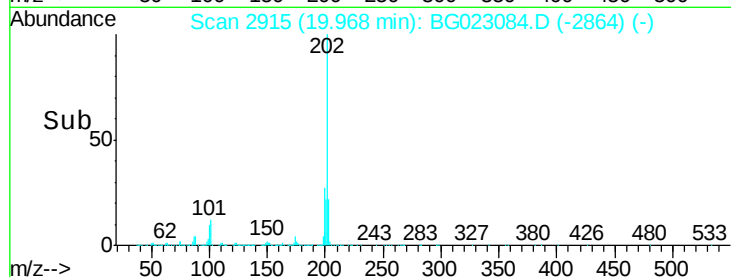
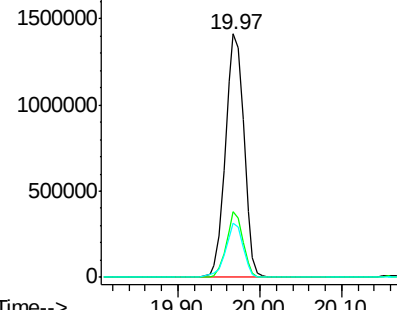
203 22.5 16.8 25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.49 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

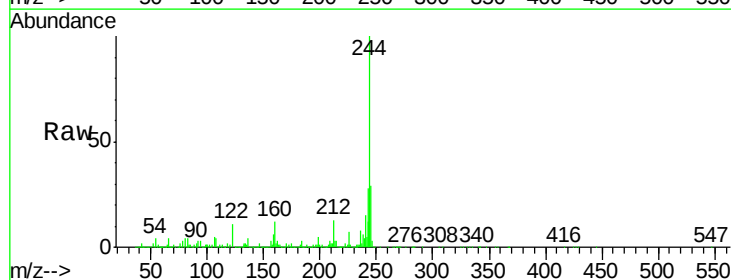
Tgt Ion:244 Resp: 2748447

Ion Ratio Lower Upper

244 100

212 13.2 10.8 16.2

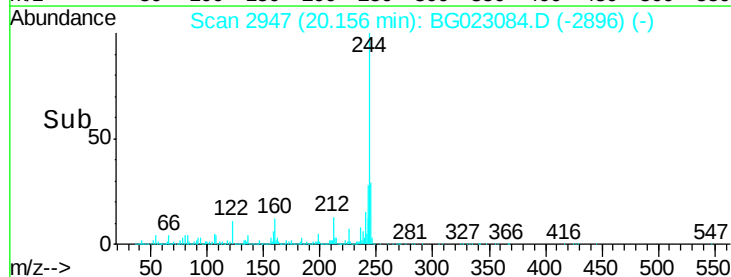
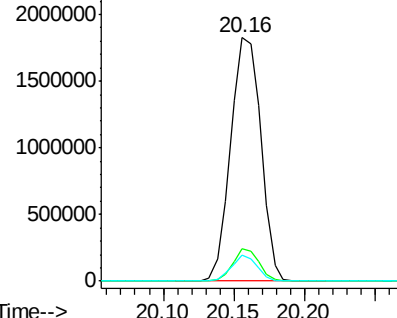
122 10.8 8.0 12.0

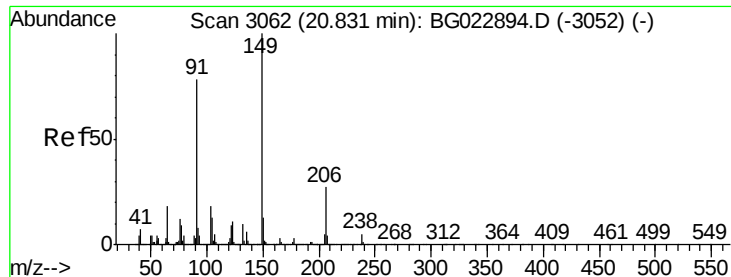


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

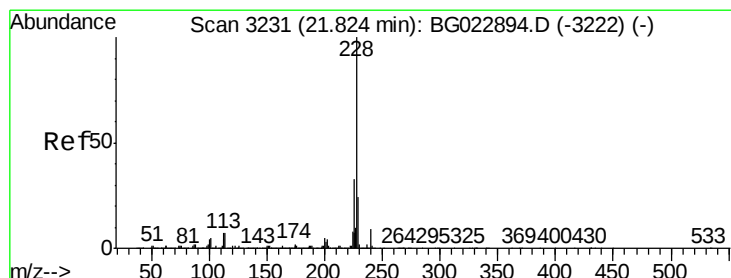
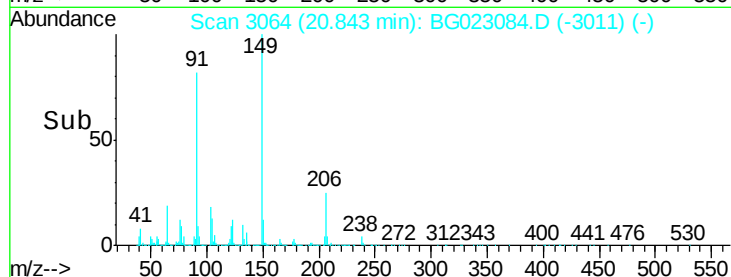
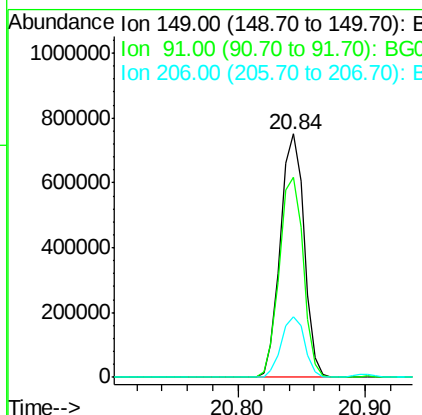
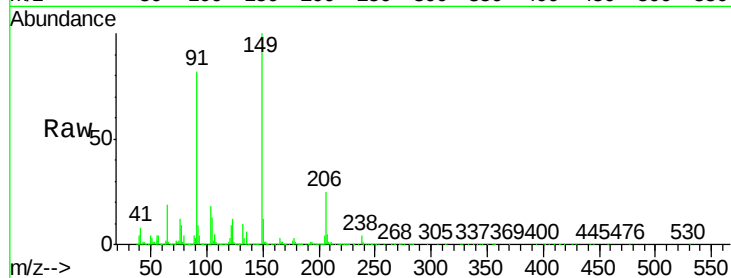




#79
Butylbenzylphthalate
Concen: 42.89 ng
RT: 20.84 min Scan# 3064
Delta R.T. 0.01 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

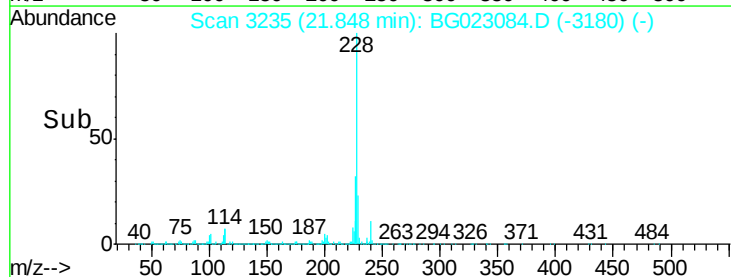
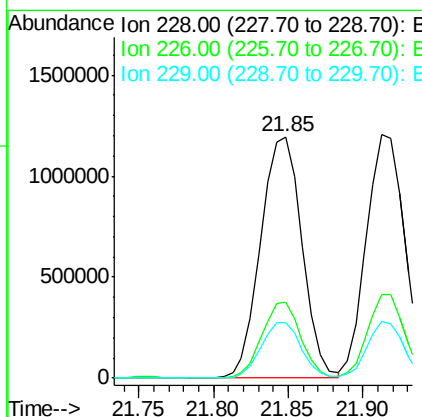
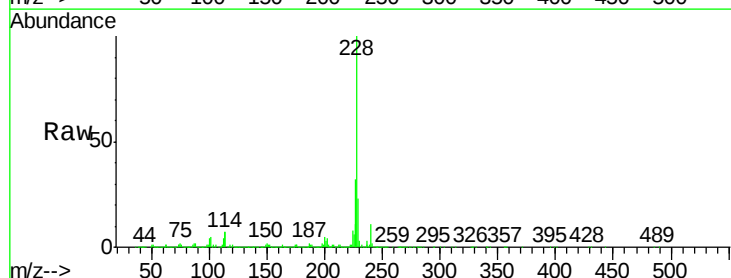
Instrument :
BNA_G
ClientSampleId :
PB92013BS

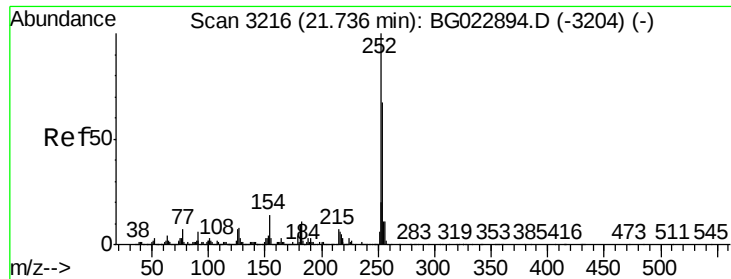
Tot Ion:149 Resp: 982736
Ion Ratio Lower Upper
149 100
91 82.4 68.1 102.1
206 25.0 19.8 29.6



#80
Benzo(a)anthracene
Concen: 39.87 ng
RT: 21.85 min Scan# 3235
Delta R.T. 0.02 min
Lab File: BG023084.D
Acq: 14 Jul 2016 1:52

Tgt Ion:228 Resp: 2296438
Ion Ratio Lower Upper
228 100
226 31.6 25.3 37.9
229 23.1 19.9 29.9

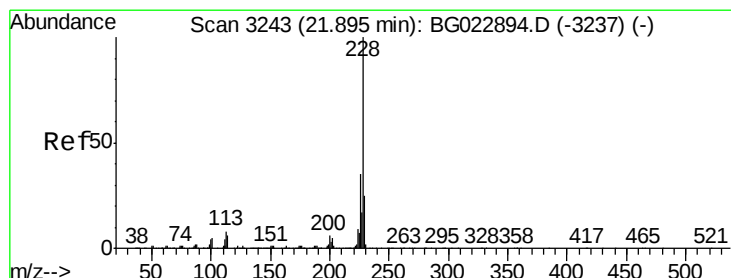
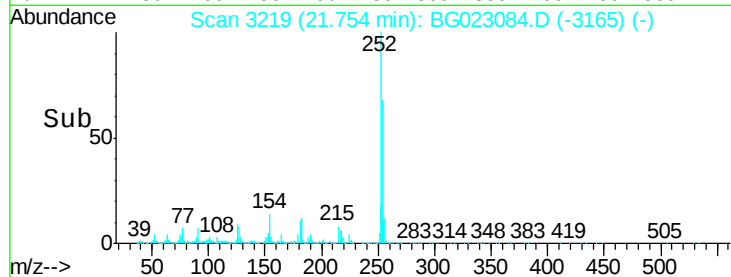
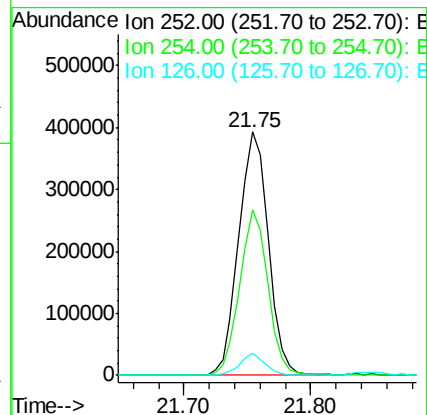
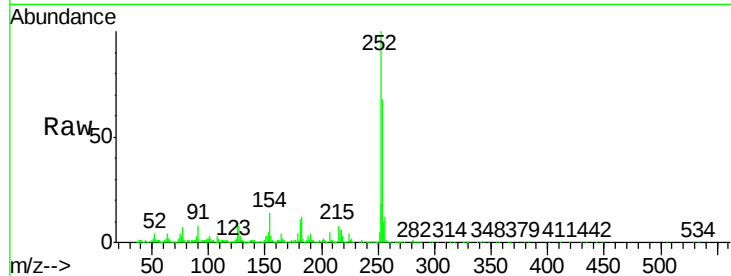




#81
 3,3'-Dichlorobenzidine
 Concen: 25.12 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. 0.02 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

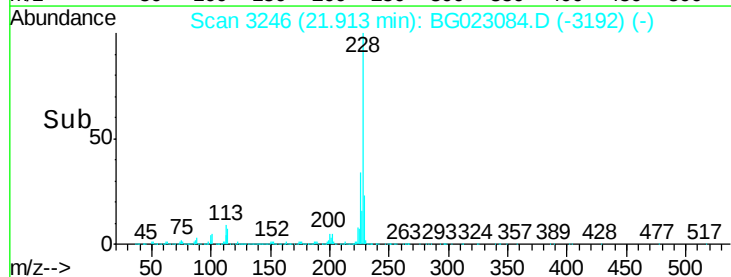
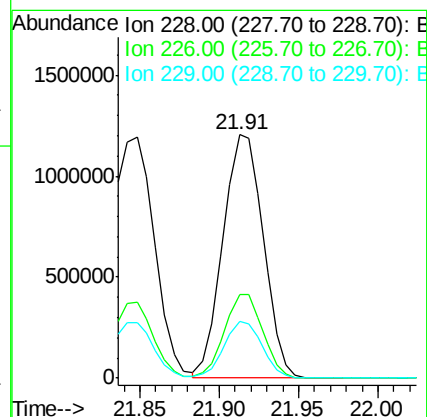
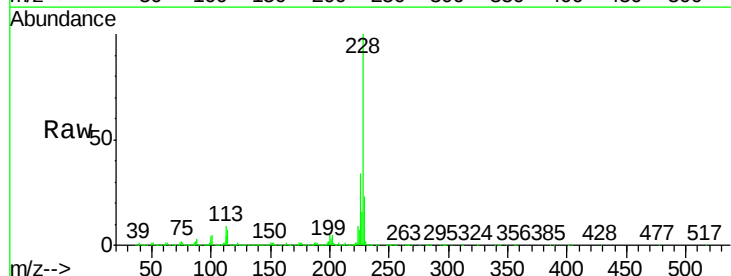
Instrument :
 BNA_G
 ClientSampleId :
 PB92013BS

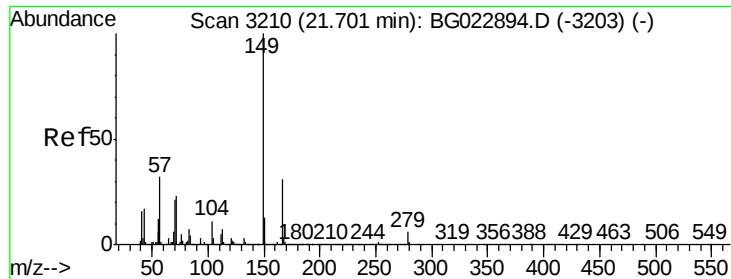
Tot Ion:252 Resp: 634922
 Ion Ratio Lower Upper
 252 100
 254 68.1 51.2 76.8
 126 8.9 5.3 7.9#



#82
 Chrysene
 Concen: 39.41 ng
 RT: 21.91 min Scan# 3246
 Delta R.T. 0.02 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

Tgt Ion:228 Resp: 2129280
 Ion Ratio Lower Upper
 228 100
 226 34.3 26.7 40.1
 229 23.4 17.4 26.2

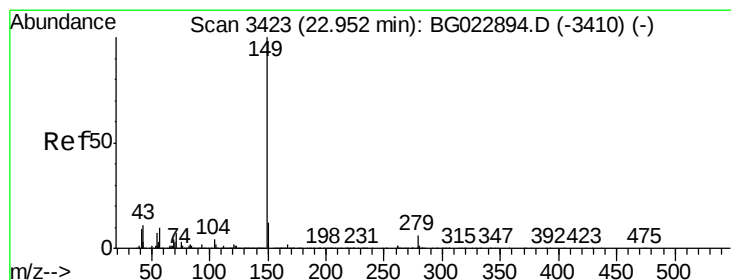
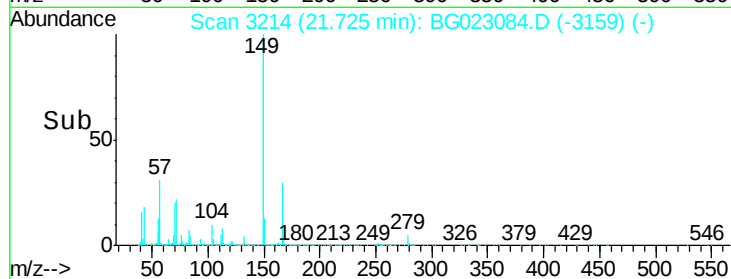
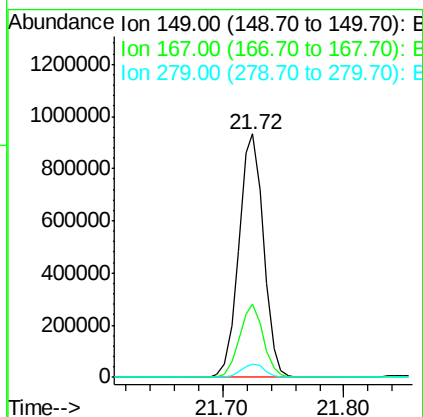
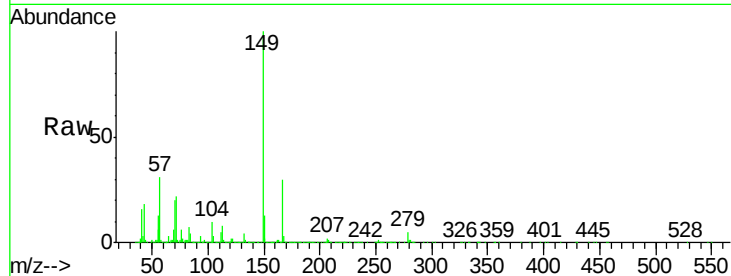




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.63 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. 0.02 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

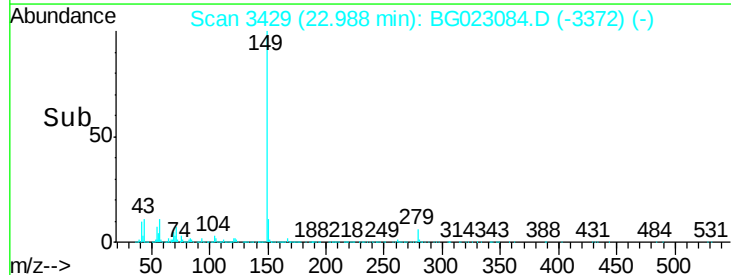
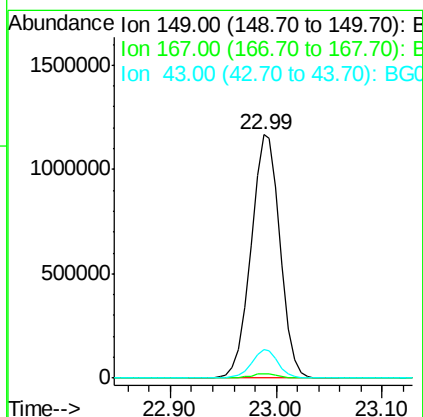
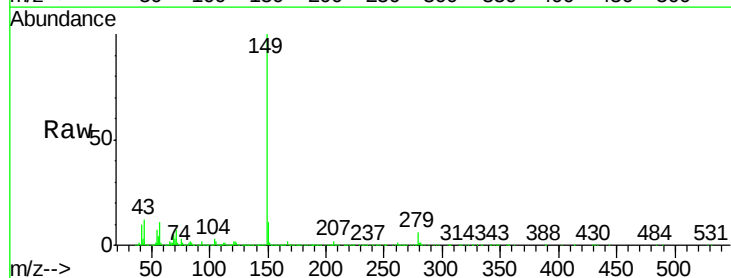
Instrument :
 BNA_G
 ClientSampleId :
 PB92013BS

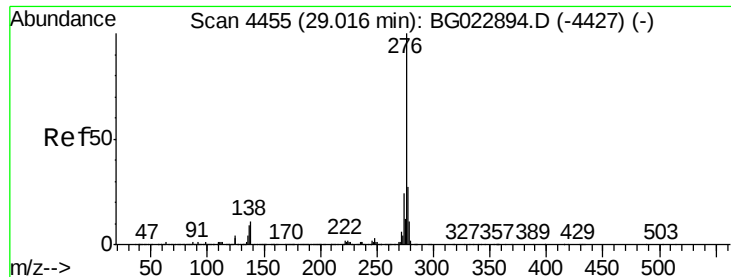
Tot Ion:149 Resp: 1324434
 Ion Ratio Lower Upper
 149 100
 167 30.1 24.0 36.0
 279 5.4 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 41.73 ng
 RT: 22.99 min Scan# 3429
 Delta R.T. 0.04 min
 Lab File: BG023084.D
 Acq: 14 Jul 2016 1:52

Tgt Ion:149 Resp: 2213988
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.5 2.3
 43 10.7 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.21 ng

RT: 29.12 min Scan# 4473

Delta R.T. 0.11 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

Instrument :

BNA_G

ClientSampleId :

PB92013BS

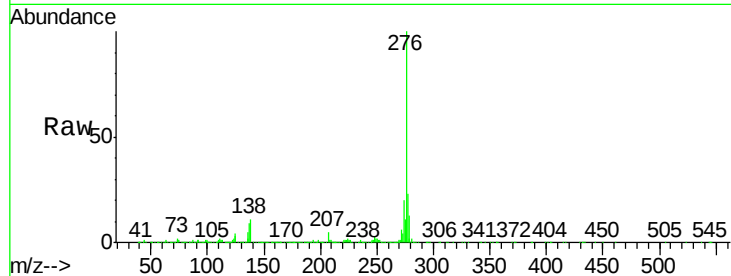
Tot Ion:276 Resp: 2563006

Ion Ratio Lower Upper

276 100

138 9.0 0.0 0.0#

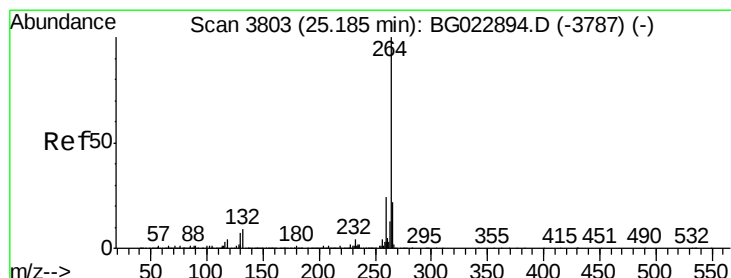
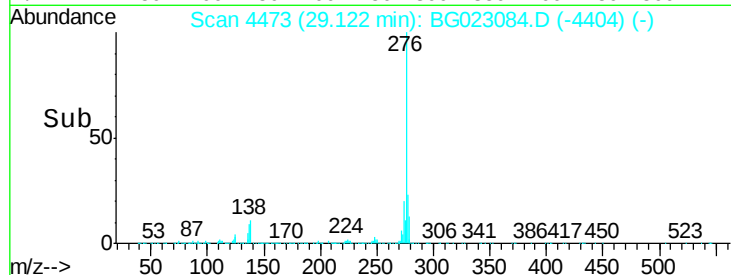
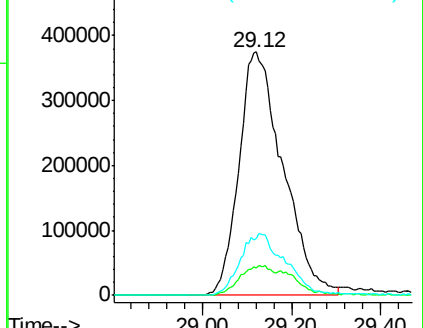
277 25.8 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.25 min Scan# 3814

Delta R.T. 0.07 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

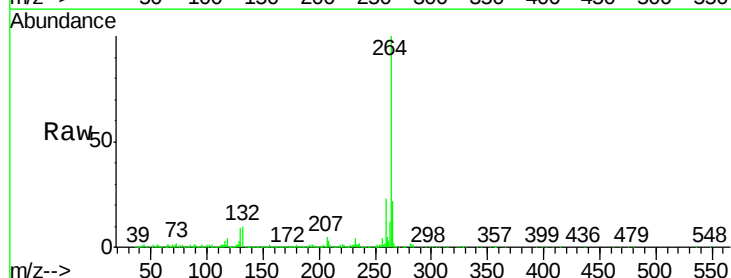
Tgt Ion:264 Resp: 1024585

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

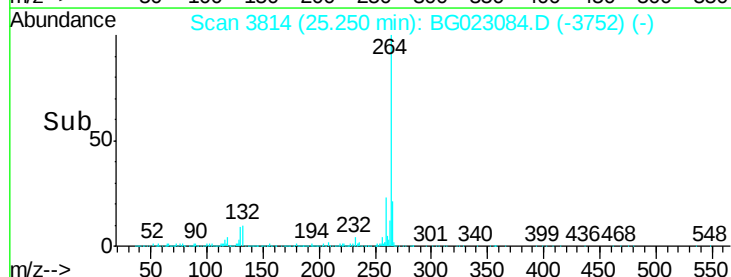
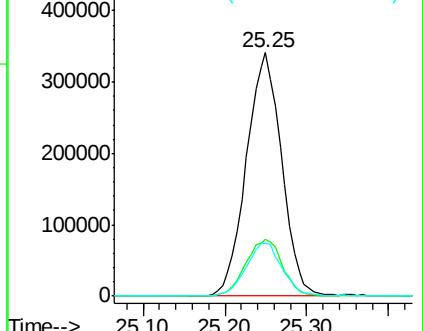
265 21.5 18.9 28.3

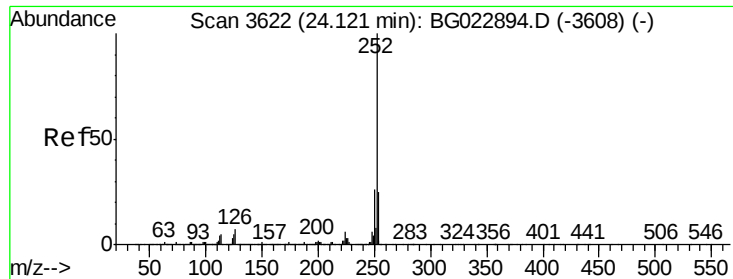


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.09 ng

RT: 24.17 min Scan# 3630

Delta R.T. 0.05 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

Instrument :

BNA_G

ClientSampleId :

PB92013BS

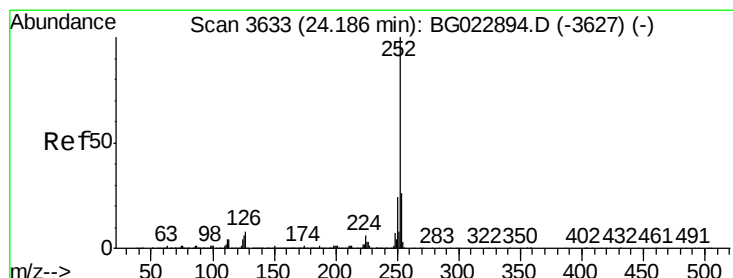
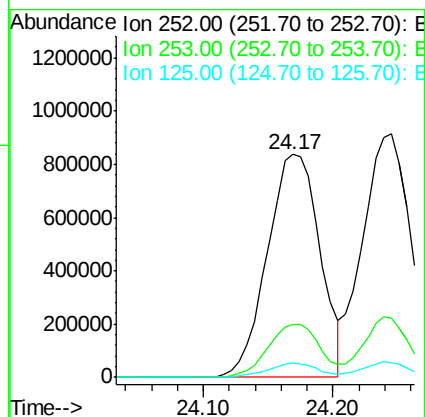
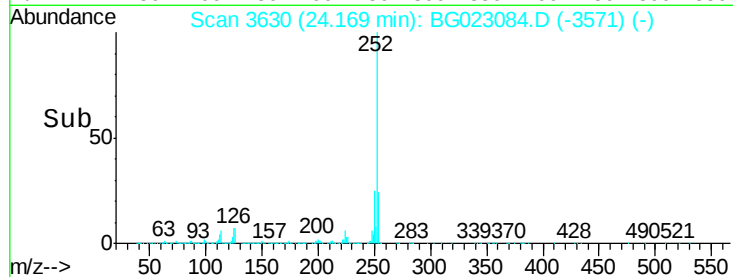
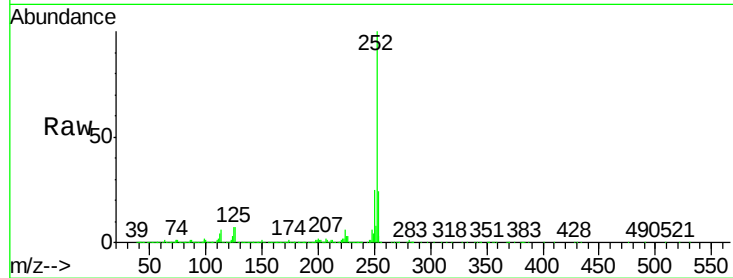
Tot Ion:252 Resp: 2369990

Ion Ratio Lower Upper

252 100

253 23.9 18.9 28.3

125 6.6 3.9 5.9#



#88

Benzo(k)fluoranthene

Concen: 41.74 ng

RT: 24.25 min Scan# 3643

Delta R.T. 0.06 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

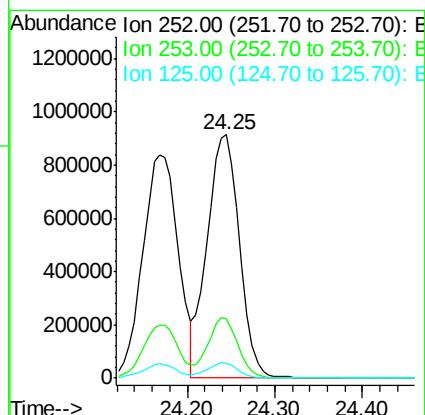
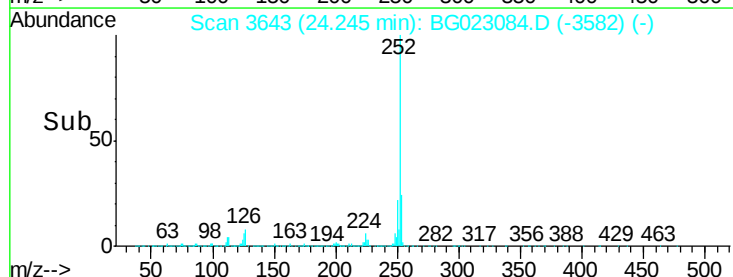
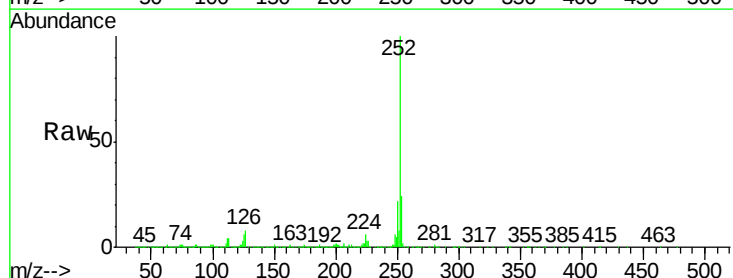
Tgt Ion:252 Resp: 2341423

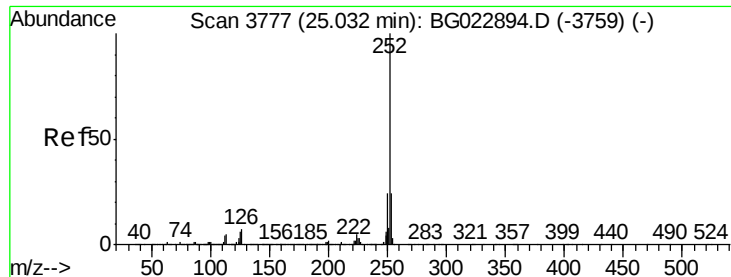
Ion Ratio Lower Upper

252 100

253 24.1 18.8 28.2

125 5.9 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 40.60 ng

RT: 25.09 min Scan# 3787

Delta R.T. 0.06 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

Instrument :

BNA_G

ClientSampleId :

PB92013BS

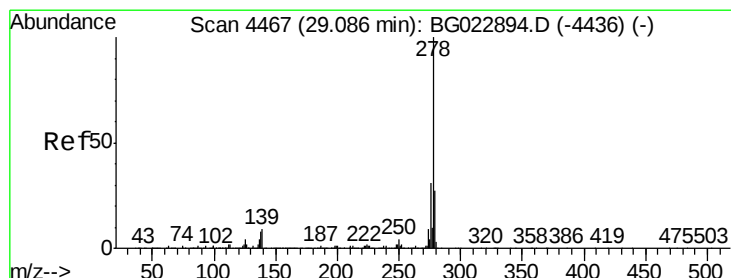
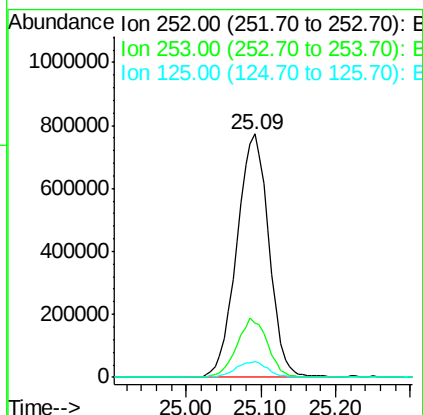
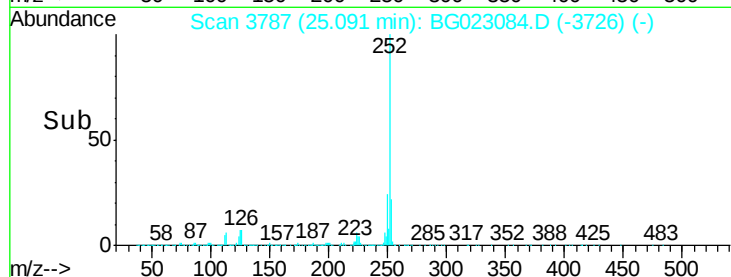
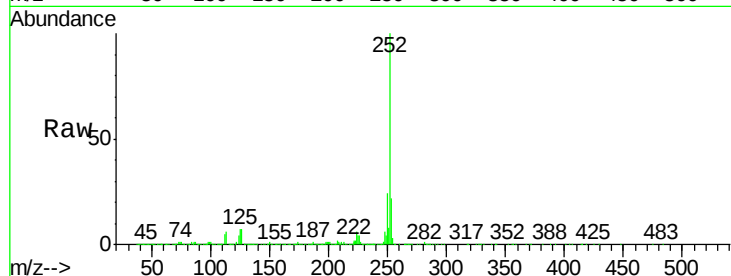
Tot Ion:252 Resp: 2300539

Ion Ratio Lower Upper

252 100

253 22.1 18.7 28.1

125 6.6 3.9 5.9#



#90

Dibenzo(a,h)anthracene

Concen: 37.51 ng

RT: 29.19 min Scan# 4485

Delta R.T. 0.11 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

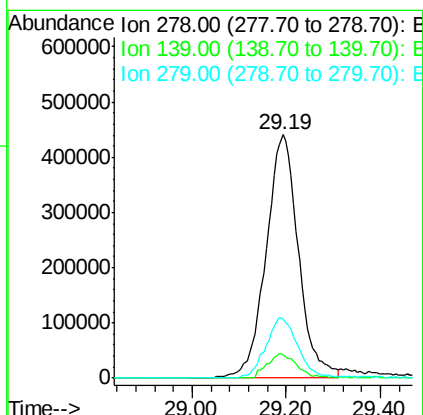
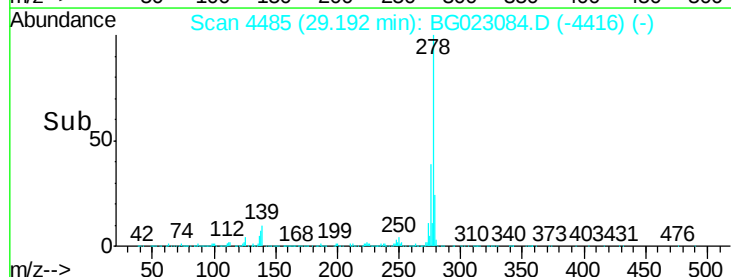
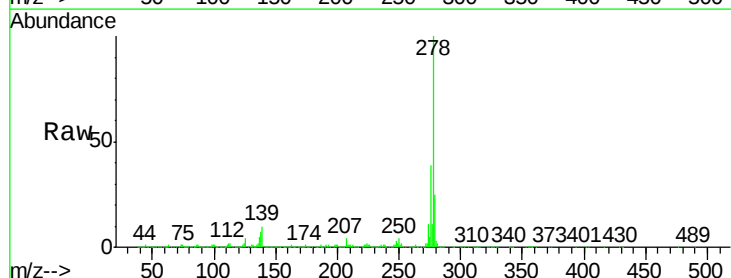
Tgt Ion:278 Resp: 2109755

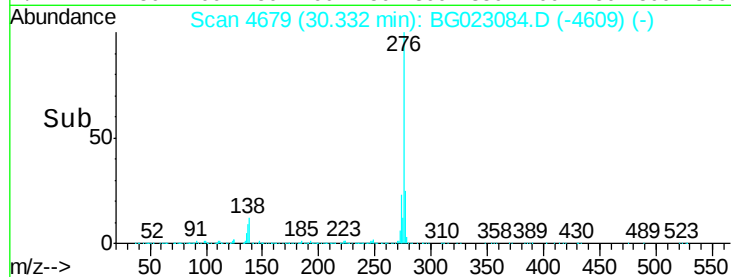
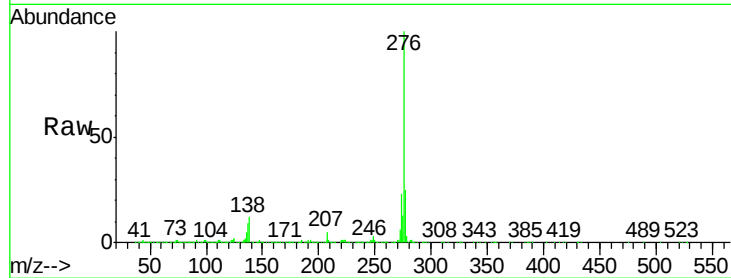
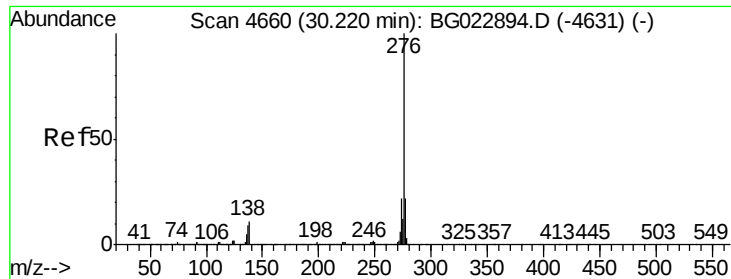
Ion Ratio Lower Upper

278 100

139 9.6 4.7 7.1#

279 24.5 18.3 27.5





#91

Benzo(a,h,i)perylene

Concen: 37.30 ng

RT: 30.33 min Scan# 4679

Delta R.T. 0.11 min

Lab File: BG023084.D

Acq: 14 Jul 2016 1:52

Instrument :

BNA_G

ClientSampleId :

PB92013BS

Tot Ion:276 Resp: 2100675

Ion Ratio Lower Upper

276 100

277 25.0 18.6 27.8

138 11.8 6.8 10.2#

