

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
 Data File : BG023088.D
 Acq On : 14 Jul 2016 4:33
 Operator : UM/SJ
 Sample : PB92093BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92093BSD

Quant Time: Jul 14 06:49:16 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	8.16	152	113846	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	543452	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	437602	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1020506	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1051333	20.00	ng	0.02
86) Perylene-d12	25.24	264	1065043	20.00	ng	0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	537547	77.22	ng	0.00
7) Phenol-d6	7.31	99	888616	81.51	ng	0.00
23) Nitrobenzene-d5	9.33	82	921600	72.61	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	485473	61.73	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	1927982	69.40	ng	0.00
78) Terphenyl-d14	20.16	244	2740522	81.33	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.57	88	119722	44.25	ng	96
3) Pyridine	3.97	79	236454	25.54	ng	95
4) n-Nitrosodimethylamine	3.88	42	131174	33.02	ng	# 91
6) Aniline	7.47	93	468890	31.03	ng	96
8) 2-Chlorophenol	7.72	128	293656	39.64	ng	99
9) Benzaldehyde	7.29	77	109961	15.09	ng	93
10) Phenol	7.34	94	473412	42.20	ng	92
11) bis(2-Chloroethyl)ether	7.57	93	302462	34.02	ng	95
12) 1,3-Dichlorobenzene	8.04	146	275166	30.35	ng	97
13) 1,4-Dichlorobenzene	8.19	146	286912	31.61	ng	98
14) 1,2-Dichlorobenzene	8.51	146	279728	31.00	ng	97
15) Benzyl Alcohol	8.40	79	422299	42.29	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	385333	35.48	ng	94
17) 2-Methylphenol	8.60	107	314988	43.14	ng	93
18) Hexachloroethane	9.25	117	119304	31.13	ng	97
19) n-Nitroso-di-n-propylamine	8.96	70	345927	35.20	ng	# 98
20) 3+4-Methylphenols	8.93	107	447756	43.97	ng	97
22) Acetophenone	8.98	105	547037	33.54	ng	# 94
24) Nitrobenzene	9.37	77	493490	36.59	ng	94
25) Isophorone	9.89	82	924897	36.23	ng	98
26) 2-Nitrophenol	10.09	139	195050	36.86	ng	90
27) 2,4-Dimethylphenol	10.14	122	351657	38.44	ng	89
28) bis(2-Chloroethoxy)methane	10.38	93	519032	36.46	ng	99
29) 2,4-Dichlorophenol	10.63	162	393915	40.38	ng	96
30) 1,2,4-Trichlorobenzene	10.85	180	368094	32.93	ng	97
31) Naphthalene	11.03	128	965792	34.91	ng	98
32) Benzoic acid	10.29	122	251802	30.26	ng	93
33) 4-Chloroaniline	11.15	127	348868	25.79	ng	95
34) Hexachlorobutadiene	11.31	225	279216	30.81	ng	97
35) Caprolactam	11.92	113	146341m	36.46	ng	
36) 4-Chloro-3-methylphenol	12.27	107	515398	38.62	ng	95
37) 2-Methylnaphthalene	12.64	142	814312	37.24	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	524163	27.80	ng	100
40) Hexachlorocyclopentadiene	12.97	237	678177	62.47	ng	97

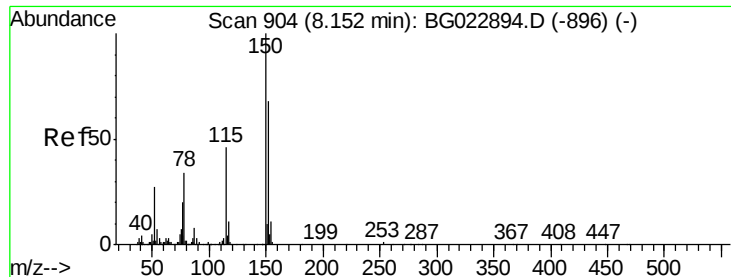
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	395186	36.46	nq	98
43) 2,4,5-Trichlorophenol	13.32	196	422168	37.93	nq	94
45) 1,1'-Biphenyl	13.64	154	1149571	35.01	nq	97
46) 2-Chloronaphthalene	13.68	162	952084	35.75	nq	96
47) 2-Nitroaniline	13.89	65	420378	36.99	nq	97
48) Acenaphthylene	14.53	152	1426173	35.69	nq	98
49) Dimethylphthalate	14.25	163	1284703	35.94	nq	98
50) 2,6-Dinitrotoluene	14.38	165	300606	37.42	nq	85
51) Acenaphthene	14.87	154	937011	35.89	nq	98
52) 3-Nitroaniline	14.71	138	234128	29.23	nq	91
53) 2,4-Dinitrophenol	14.92	184	363963	66.03	nq	95
54) Dibenzofuran	15.21	168	1505586	38.53	nq	99
55) 4-Nitrophenol	15.03	139	442170	65.85	nq	93
56) 2,4-Dinitrotoluene	15.16	165	429976	36.71	nq	98
57) Fluorene	15.85	166	1232476	36.64	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.43	232	431353	38.73	nq	99
59) Diethylphthalate	15.61	149	1331375	36.61	nq	97
60) 4-Chlorophenyl-phenylether	15.84	204	721775	35.23	nq	96
61) 4-Nitroaniline	15.88	138	285802	32.97	nq	# 83
62) Azobenzene	16.13	77	1469281	42.23	nq	94
64) 4,6-Dinitro-2-methylphenol	15.93	198	273352	36.04	nq	97
65) n-Nitrosodiphenylamine	16.06	169	1144550	38.93	nq	98
66) 4-Bromophenyl-phenylether	16.74	248	482741	36.36	nq	98
67) Hexachlorobenzene	16.86	284	510714	35.38	nq	98
68) Atrazine	17.00	200	443337	33.99	nq	98
69) Pentachlorophenol	17.21	266	633933	67.81	nq	98
70) Phenanthrene	17.60	178	1923606	38.46	nq	98
71) Anthracene	17.69	178	1964830	38.80	nq	99
72) Carbazole	17.97	167	1692872	38.69	nq	98
73) Di-n-butylphthalate	18.50	149	2029943	41.71	nq	99
74) Fluoranthene	19.61	202	2202453	35.89	nq	97
76) Benzidine	19.78	184	1159327	38.46	nq	99
77) Pyrene	19.97	202	2209505	37.40	nq	98
79) Butylbenzylphthalate	20.84	149	1003076	42.87	nq	99
80) Benzo(a)anthracene	21.84	228	2331792	39.64	nq	99
81) 3,3'-Dichlorobenzidine	21.76	252	780276	30.22	nq	98
82) Chrysene	21.92	228	2142210	38.82	nq	97
83) Bis(2-ethylhexyl)phthalate	21.72	149	1352135	41.61	nq	98
84) Di-n-octyl phthalate	22.98	149	2252712	41.57	nq	99
85) Indeno(1,2,3-cd)pyrene	29.11	276	2578686	36.65	nq	# 100
87) Benzo(b)fluoranthene	24.17	252	2460962	40.05	nq	# 98
88) Benzo(k)fluoranthene	24.24	252	2302471	39.49	nq	# 98
89) Benzo(a)pyrene	25.08	252	2362029	40.10	nq	# 96
90) Dibenzo(a,h)anthracene	29.17	278	2120283	36.27	nq	# 94
91) Benzo(g,h,i)perylene	30.32	276	2028418	34.65	nq	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG023088.D

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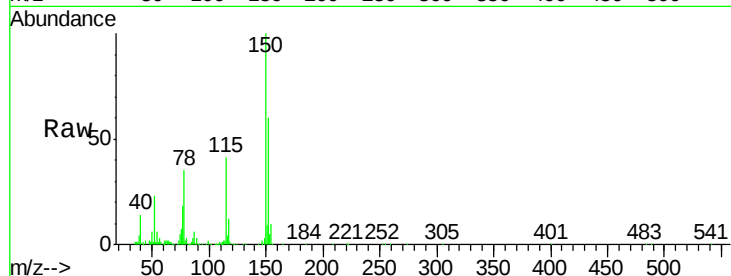
Tot Ion:152 Resp: 113846

Ion Ratio Lower Upper

152 100

150 166.1 144.7 217.1

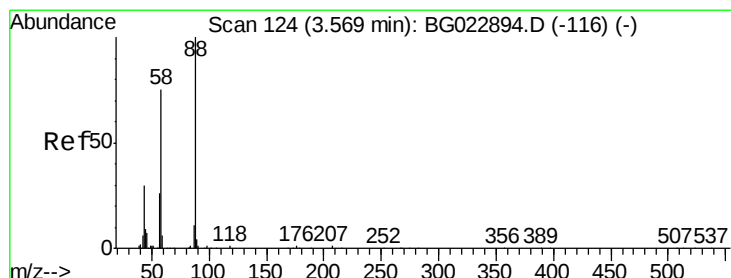
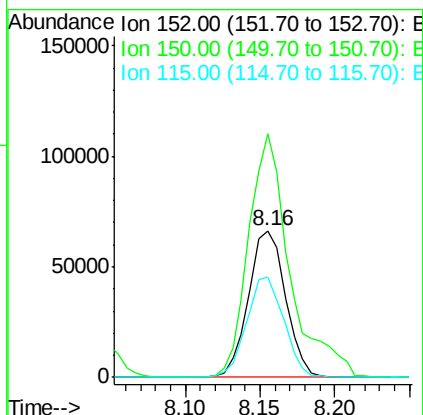
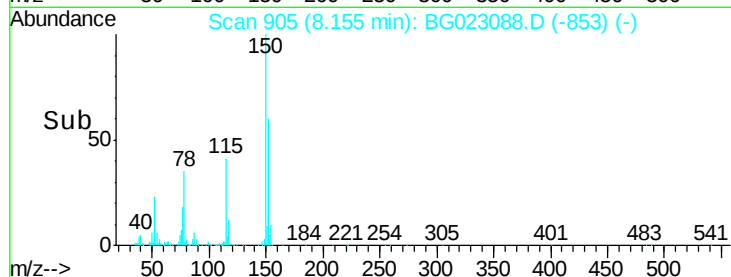
115 68.1 64.0 96.0



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: 44.25 ng

RT: 3.57 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

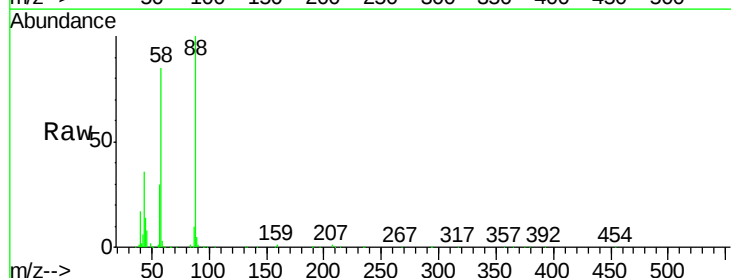
Tgt Ion: 88 Resp: 119722

Ion Ratio Lower Upper

88 100

58 76.8 60.4 90.6

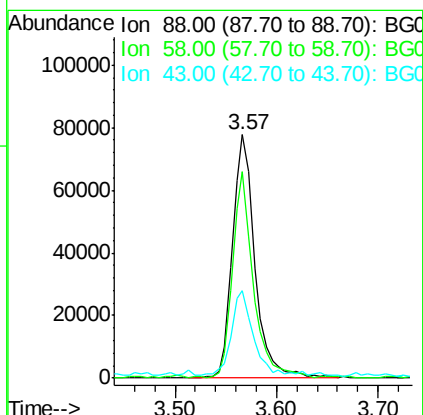
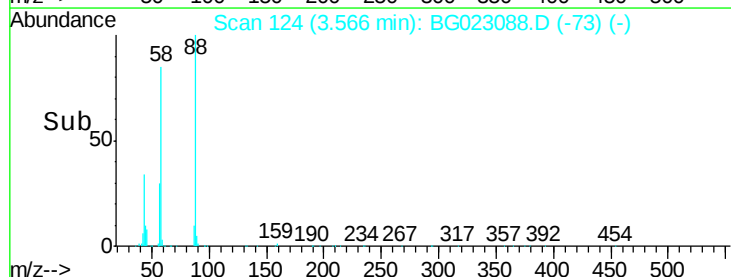
43 34.0 31.1 46.7

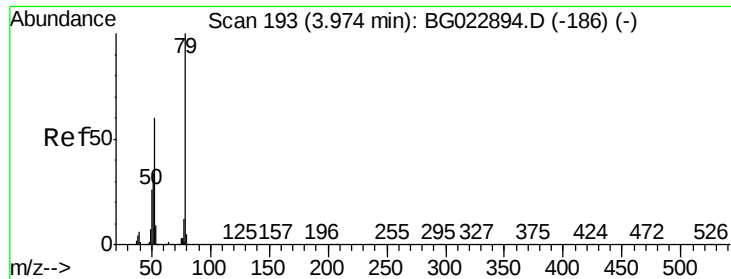


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 25.54 ng

RT: 3.97 min Scan# 193

Delta R.T. -0.00 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Instrument :

BNA_G

ClientSampleId :

PB92093BSD

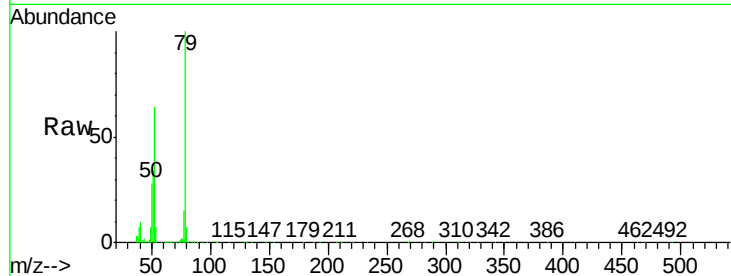
Tot Ion: 79 Resp: 236454

Ion Ratio Lower Upper

79 100

52 64.3 51.8 77.8

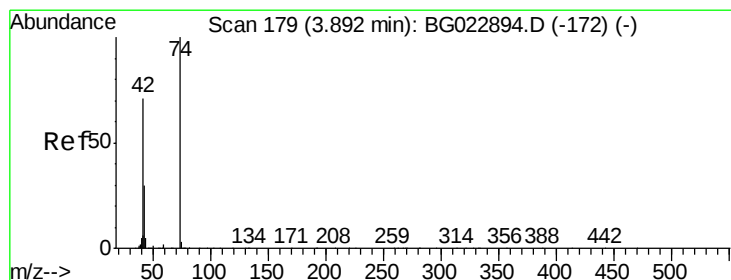
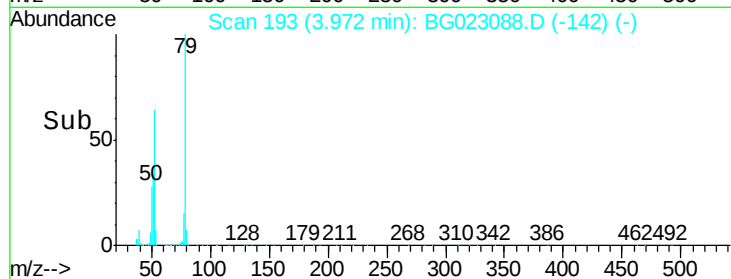
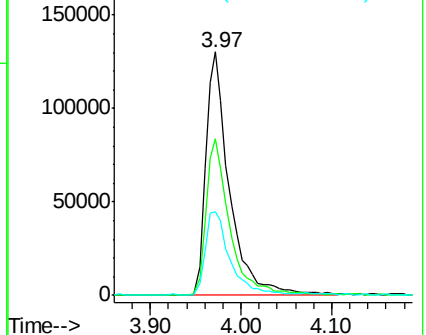
51 34.1 32.7 49.1



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: 33.02 ng

RT: 3.88 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

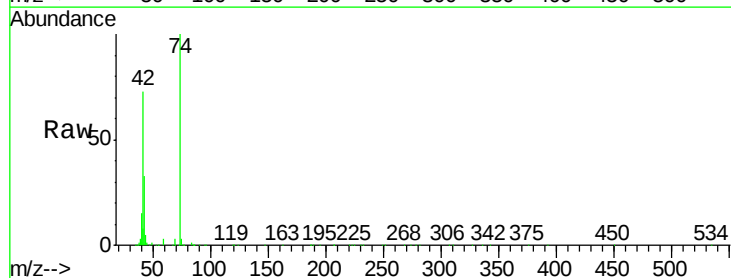
Tgt Ion: 42 Resp: 131174

Ion Ratio Lower Upper

42 100

74 136.7 100.6 150.8

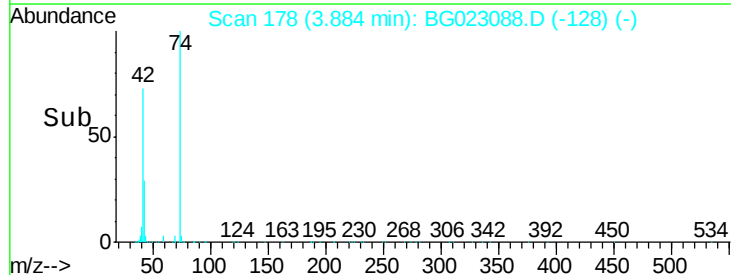
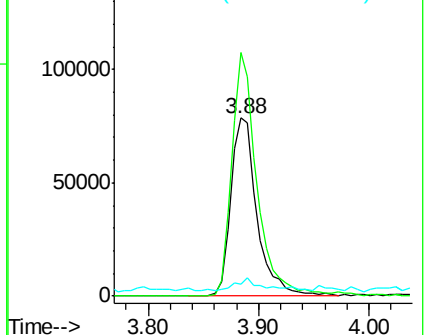
44 6.9 4.5 6.7#



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: 77.22 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Instrument :

BNA_G

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PB92093BSD

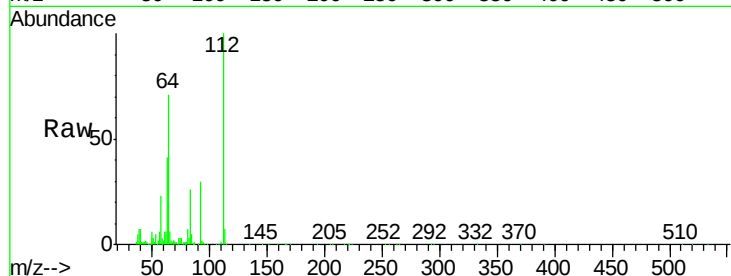
Tot Ion: 112 Resp: 537547

Ion Ratio Lower Upper

112 100

64 71.3 59.0 88.4

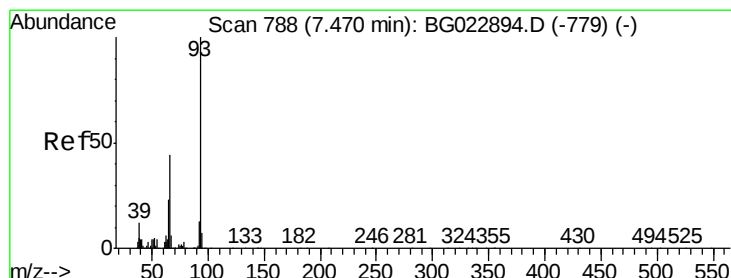
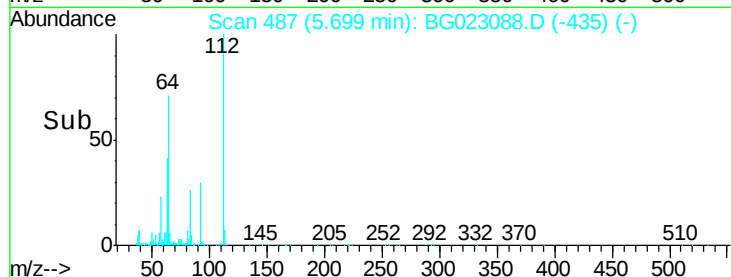
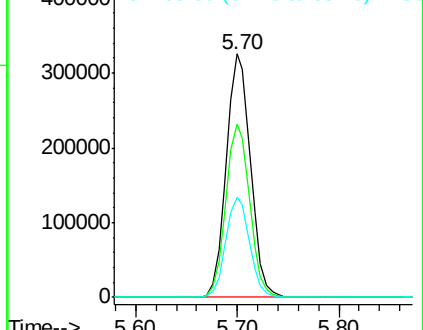
63 41.2 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.03 ng

RT: 7.47 min Scan# 789

Delta R.T. 0.00 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

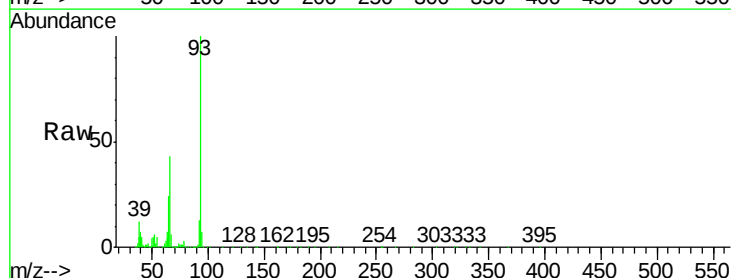
Tgt Ion: 93 Resp: 468890

Ion Ratio Lower Upper

93 100

66 43.4 37.5 56.3

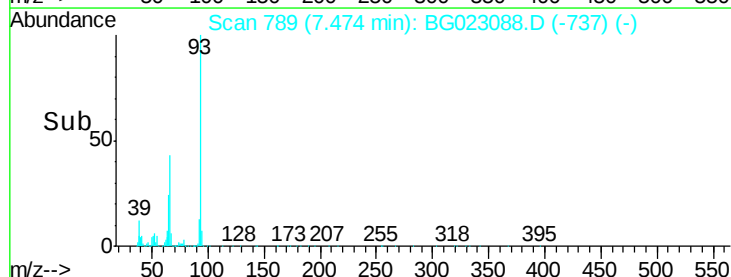
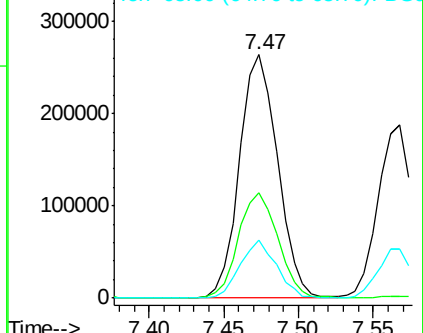
65 23.7 17.9 26.9

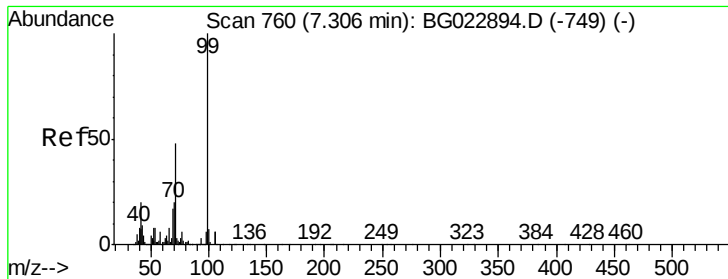


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.51 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023088.D

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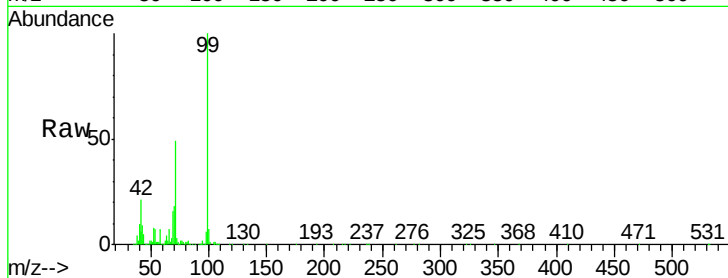
Tot Ion: 99 Resp: 888616

Ion Ratio Lower Upper

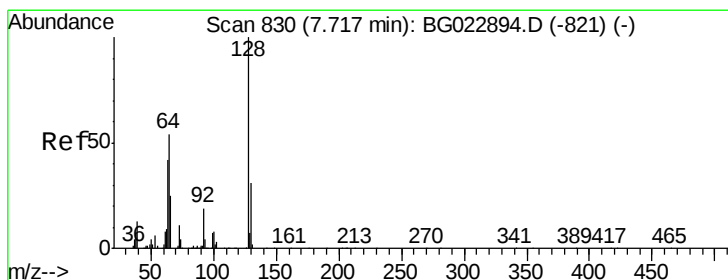
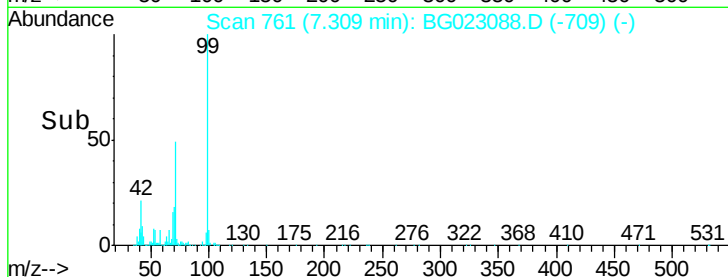
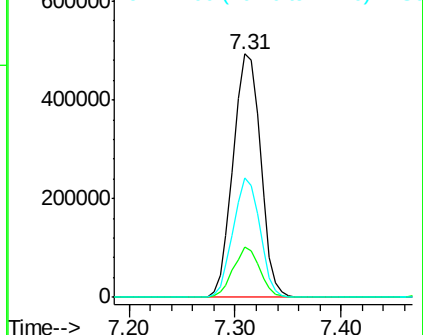
99 100

42 20.7 17.8 26.6

71 49.2 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



#8

2-Chlorophenol

Concen: 39.64 ng

RT: 7.72 min Scan# 831

Delta R.T. 0.00 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

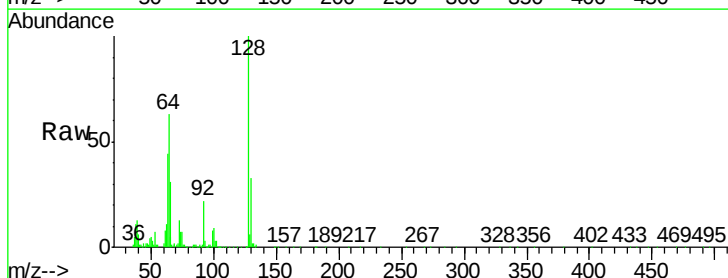
Tgt Ion:128 Resp: 293656

Ion Ratio Lower Upper

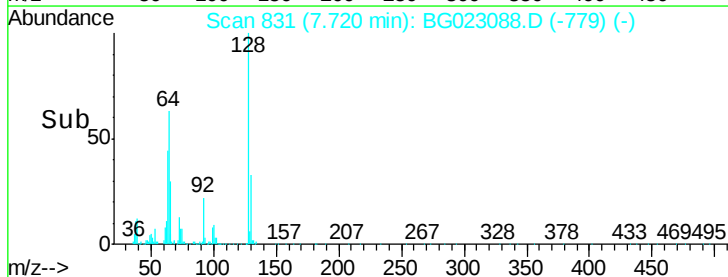
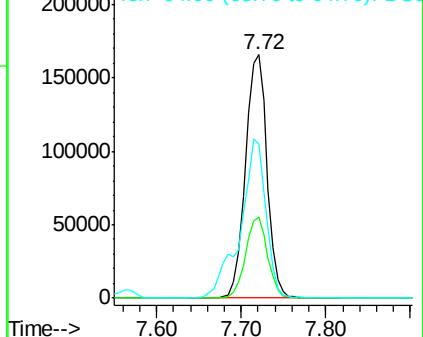
128 100

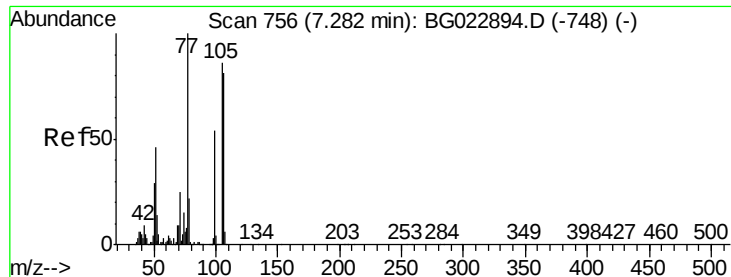
130 33.3 12.9 52.9

64 63.1 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





#9

Benzaldehyde

Concen: 15.09 ng

RT: 7.29 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

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PB92093BSD

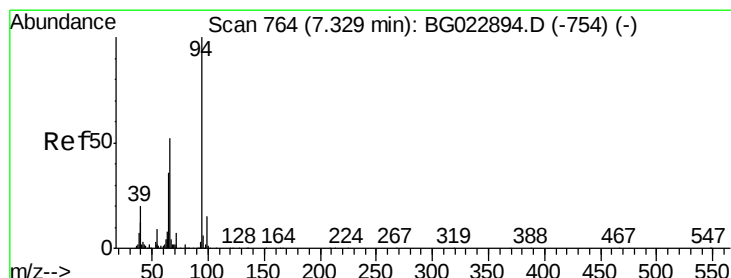
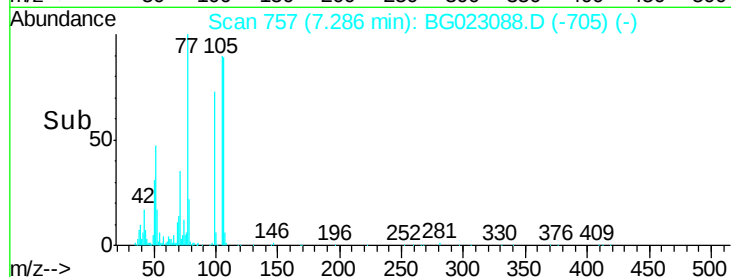
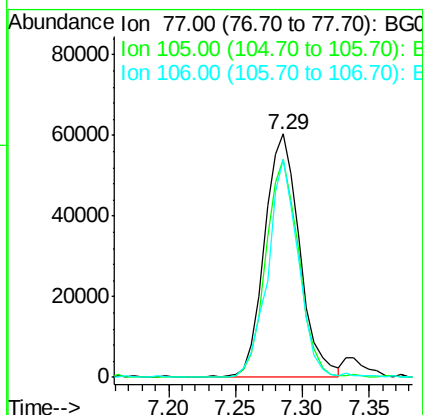
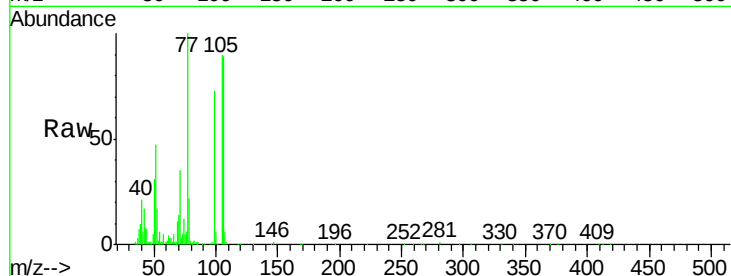
Tot Ion: 77 Resp: 109961

Ion Ratio Lower Upper

77 100

105 89.5 58.7 98.7

106 89.5 67.5 107.5



#10

Phenol

Concen: 42.20 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

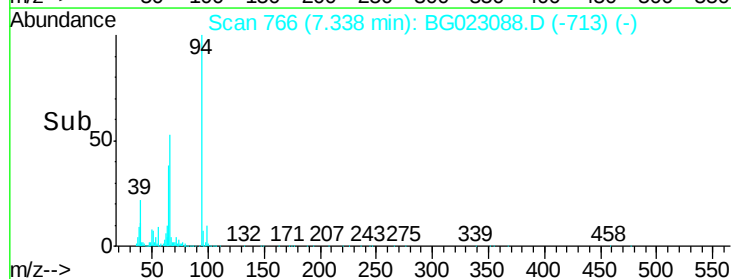
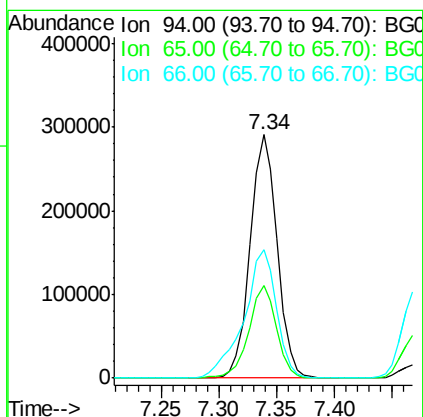
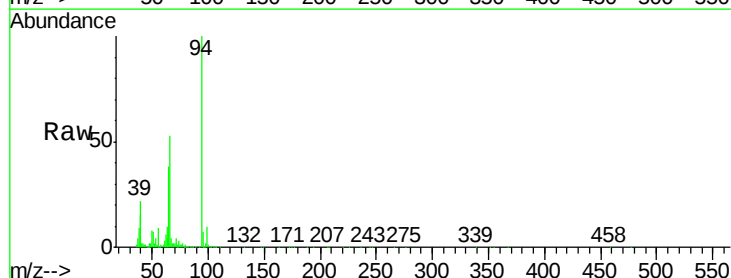
Tgt Ion: 94 Resp: 473412

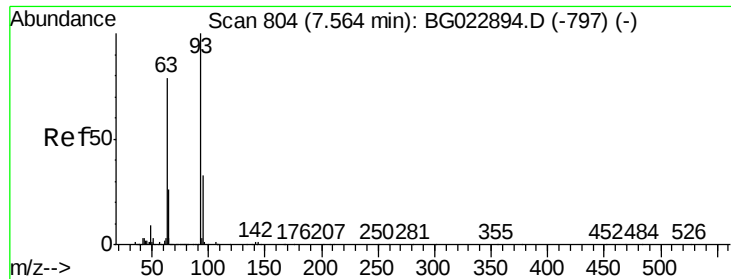
Ion Ratio Lower Upper

94 100

65 38.1 18.1 58.1

66 52.6 42.1 82.1

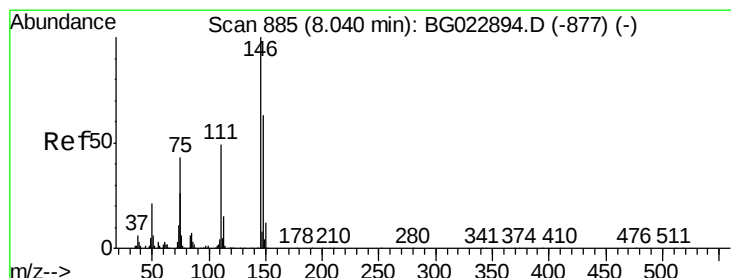
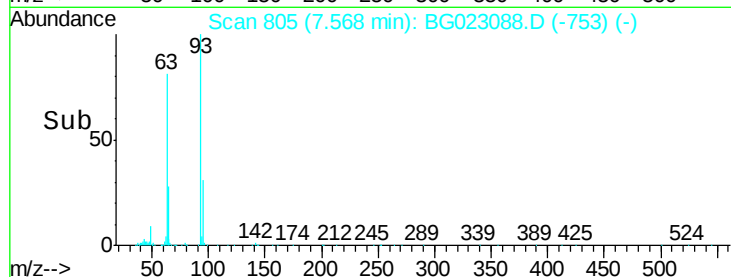
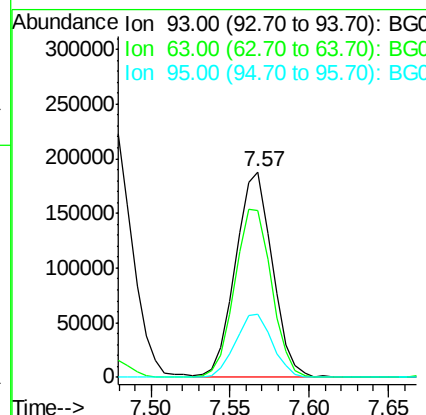
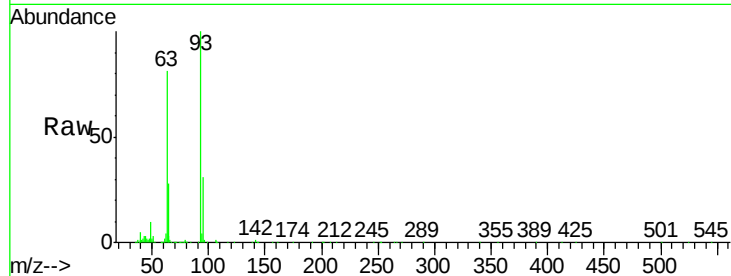




#11
bis(2-Chloroethyl)ether
Concen: 34.02 ng
RT: 7.57 min Scan# 805
Delta R.T. 0.00 min
Lab File: BG023088.D
Acq: 14 Jul 2016 4:33

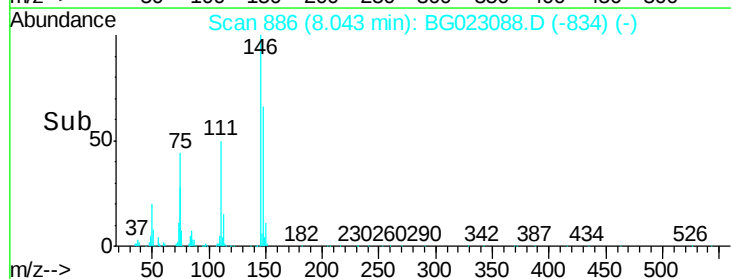
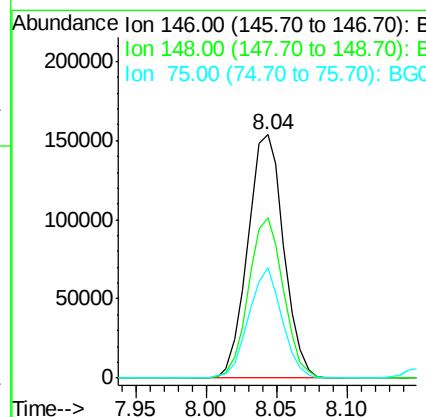
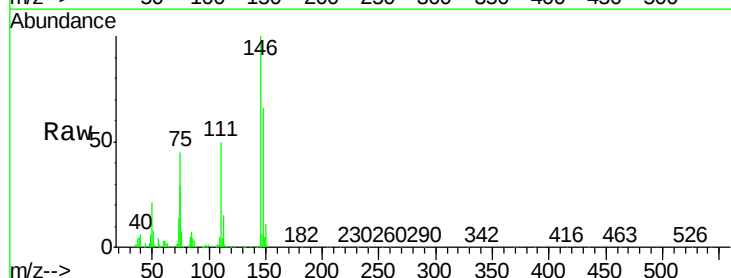
Instrument :
BNA_G
ClientSampleId :
PB92093BSD

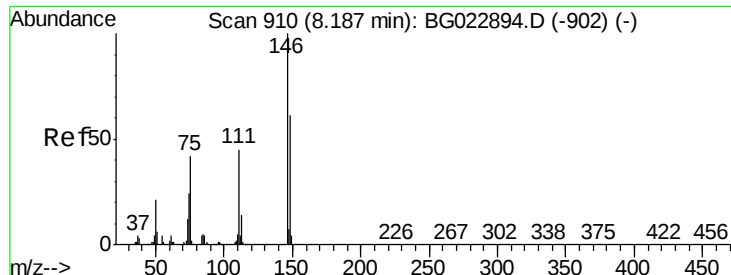
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.0	55.0	95.0
95	30.8	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 30.35 ng
RT: 8.04 min Scan# 886
Delta R.T. 0.00 min
Lab File: BG023088.D
Acq: 14 Jul 2016 4:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.3	75.5
75	45.2	37.0	55.6

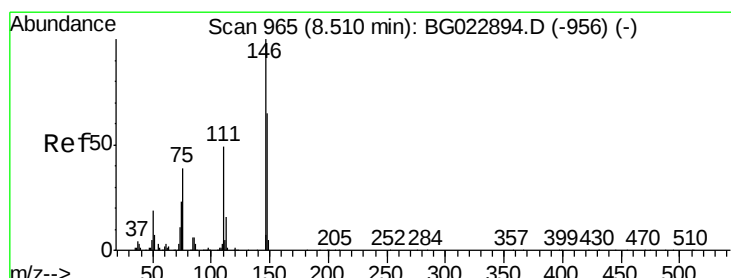
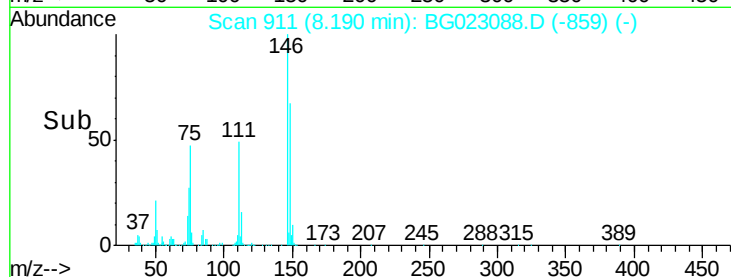
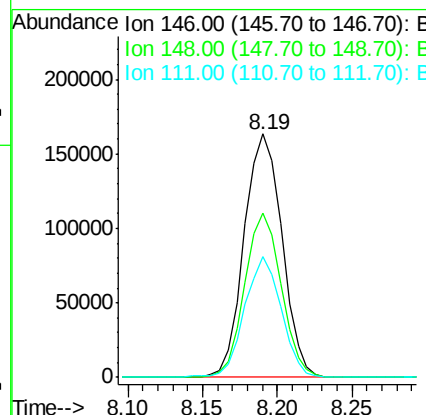
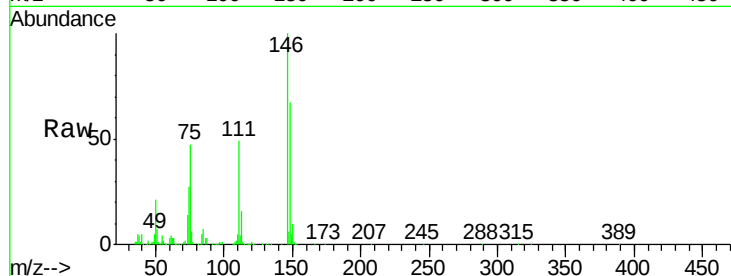




#13
1,4-Dichlorobenzene
Concen: 31.61 ng
RT: 8.19 min Scan# 911
Delta R.T. 0.00 min
Lab File: BG023088.D
Acq: 14 Jul 2016 4:33

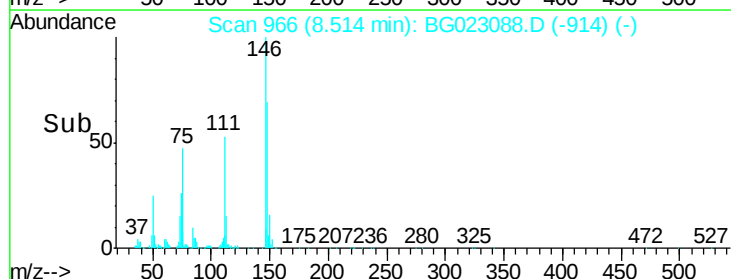
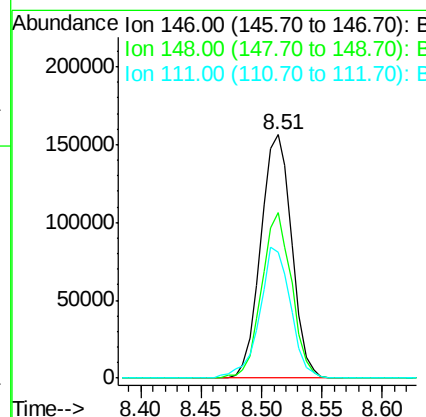
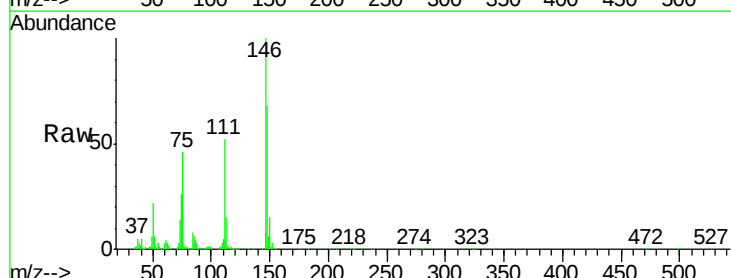
Instrument :
BNA_G
ClientSampleId :
PB92093BSD

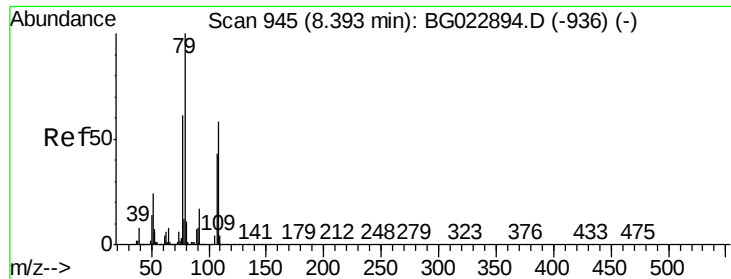
Tot Ion	Ratio	Lower	Upper
146	100		
148	67.3	54.5	81.7
111	49.5	37.8	56.8



#14
1,2-Dichlorobenzene
Concen: 31.00 ng
RT: 8.51 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG023088.D
Acq: 14 Jul 2016 4:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.8	52.9	79.3
111	51.9	43.5	65.3





#15

Benzyl Alcohol

Concen: 42.29 ng

RT: 8.40 min Scan# 946

Delta R.T. 0.00 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Instrument :

BNA_G

ClientSampleId :

PB92093BSD

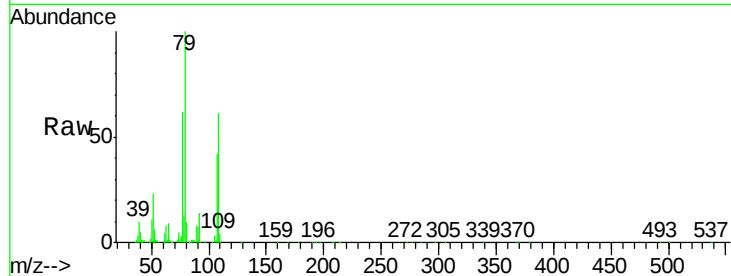
Tot Ion: 79 Resp: 422299

Ion Ratio Lower Upper

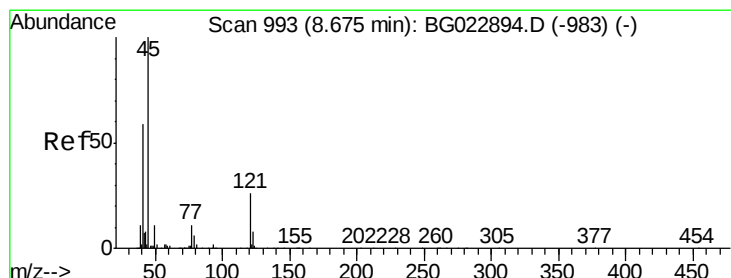
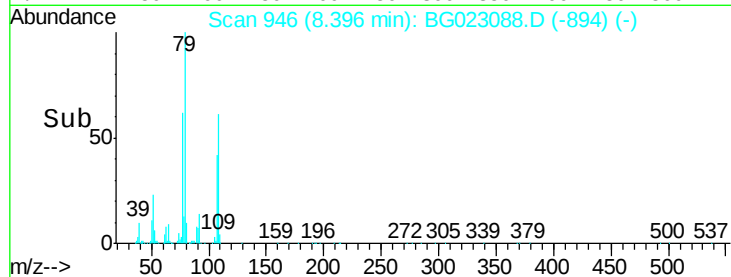
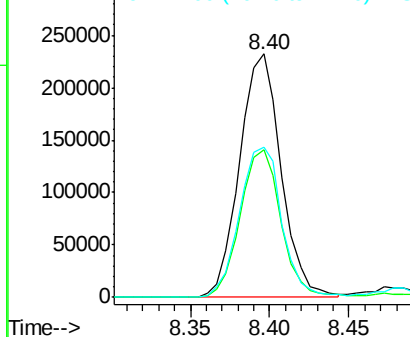
79 100

108 60.8 46.5 69.7

77 61.9 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.48 ng

RT: 8.69 min Scan# 996

Delta R.T. 0.02 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

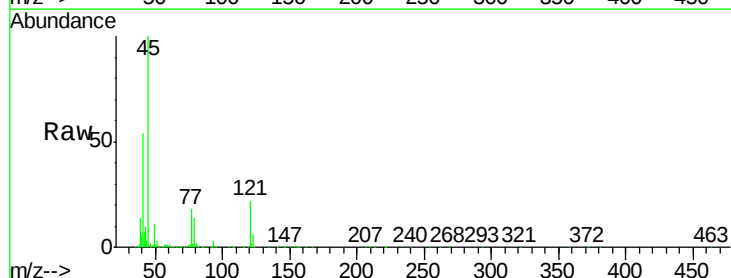
Tgt Ion: 45 Resp: 385333

Ion Ratio Lower Upper

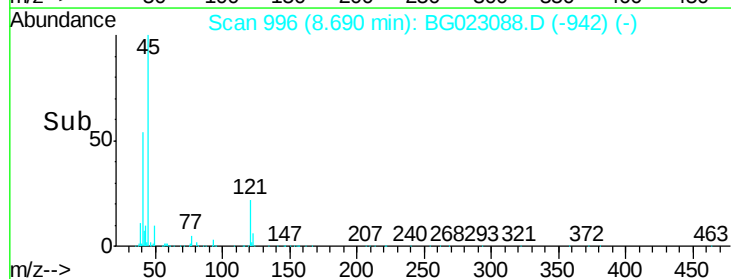
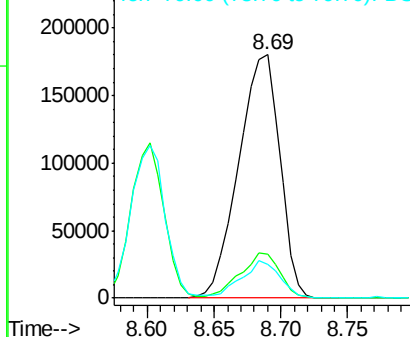
45 100

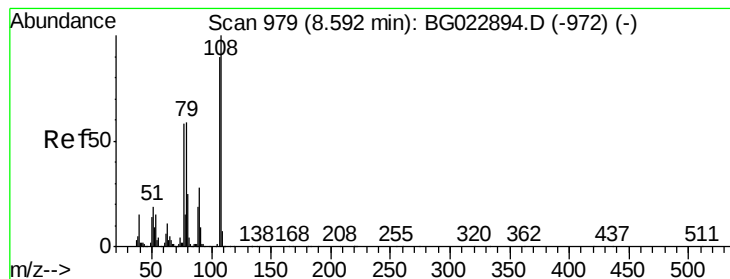
77 18.2 0.6 40.6

79 13.6 0.0 36.2



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





#17

2-Methylphenol

Concen: 43.14 ng

RT: 8.60 min Scan# 981

Delta R.T. 0.01 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Instrument :

BNA_G

ClientSampleId :

PB92093BSD

Tot Ion:107 Resp: 314988

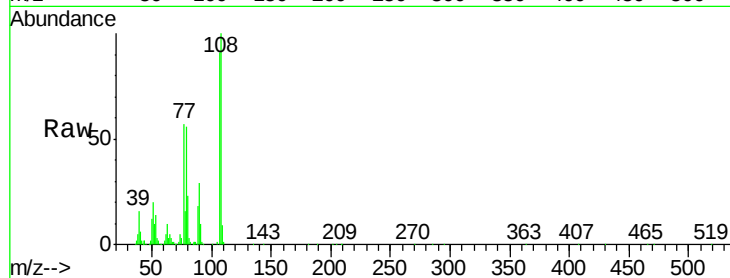
Ion Ratio Lower Upper

107 100

108 110.1 92.0 138.0

77 62.8 55.8 83.6

79 62.1 55.0 82.6

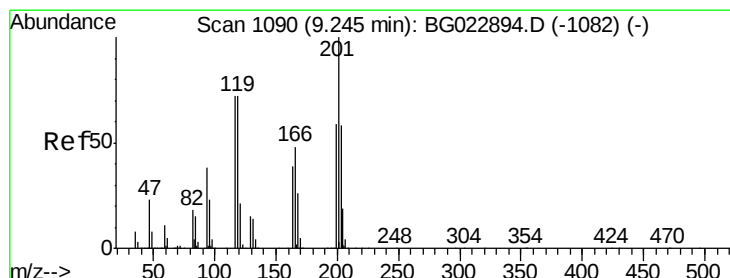
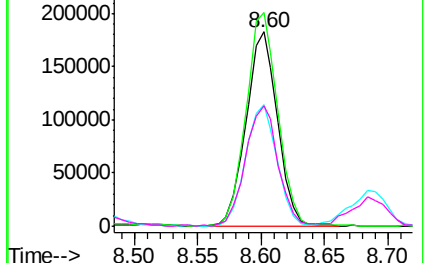
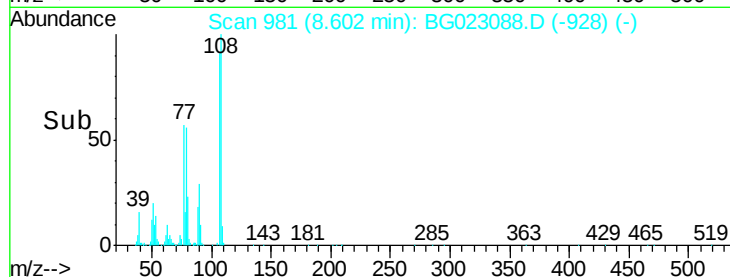


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 31.13 ng

RT: 9.25 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

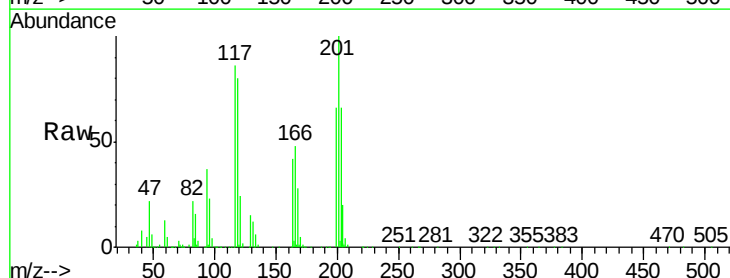
Tgt Ion:117 Resp: 119304

Ion Ratio Lower Upper

117 100

119 93.1 73.7 110.5

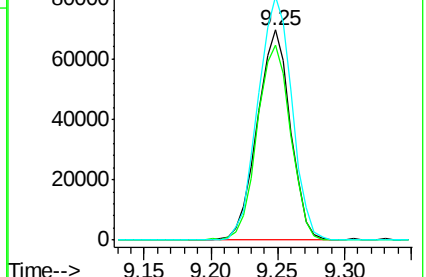
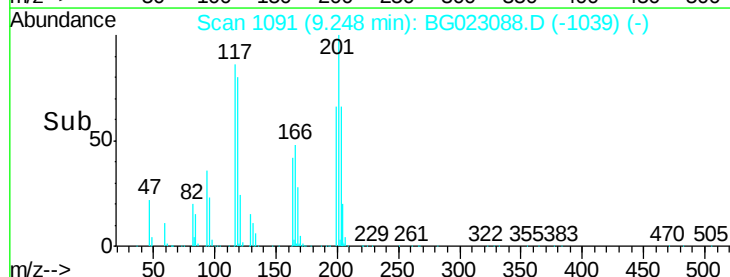
201 116.0 88.7 133.1

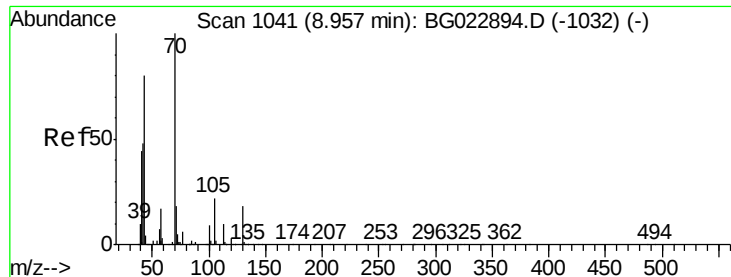


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

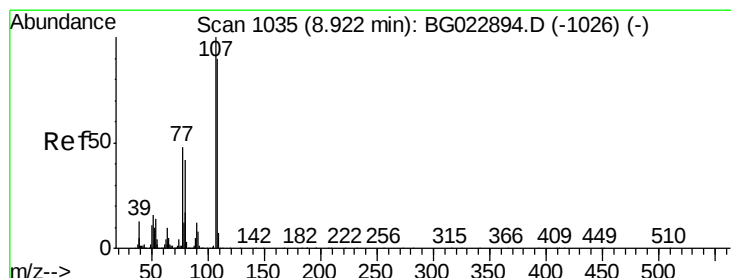
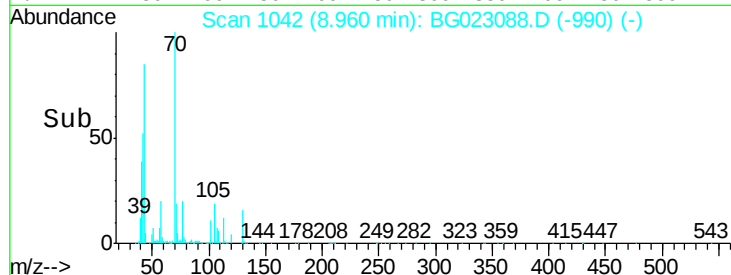
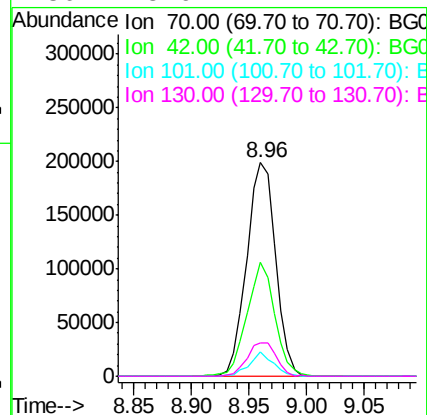
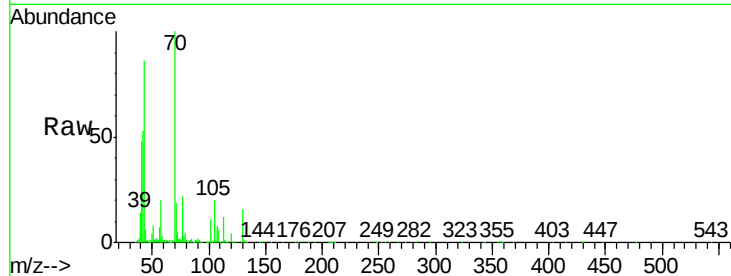




#19
n-Nitroso-di-n-propylamine
Concen: 35.20 ng
RT: 8.96 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG023088.D
Acq: 14 Jul 2016 4:33

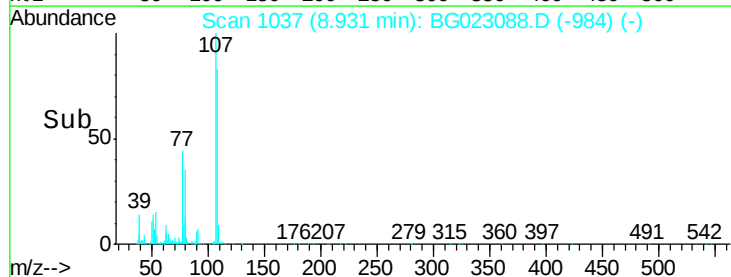
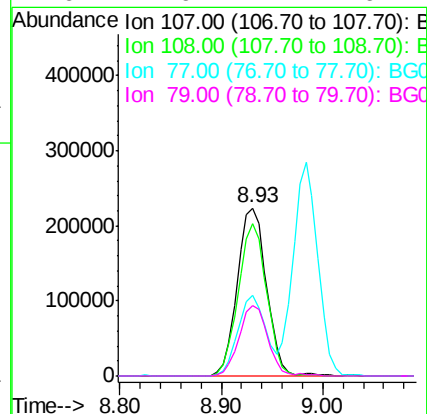
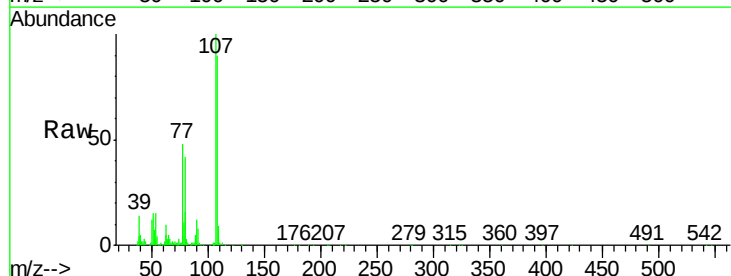
Instrument :
BNA_G
ClientSampleId :
PB92093BSD

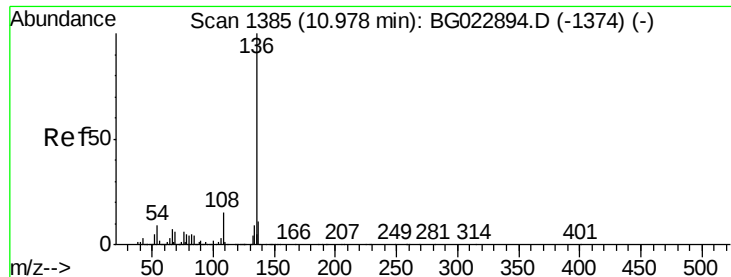
Tot Ion	Ratio	Lower	Upper
70	100		
42	53.3	42.1	63.1
101	11.2	7.2	10.8
130	15.9	14.2	21.2



#20
3+4-Methylphenols
Concen: 43.97 ng
RT: 8.93 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BG023088.D
Acq: 14 Jul 2016 4:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	72.5	112.5
77	47.7	30.1	70.1
79	41.9	24.2	64.2

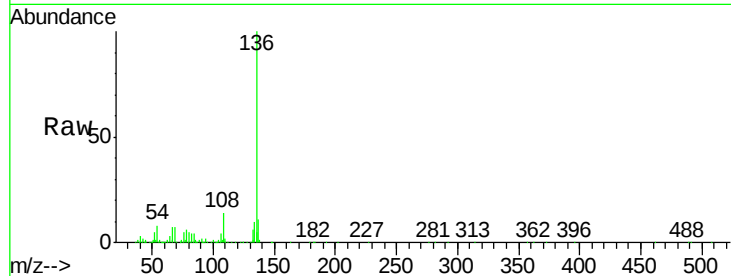




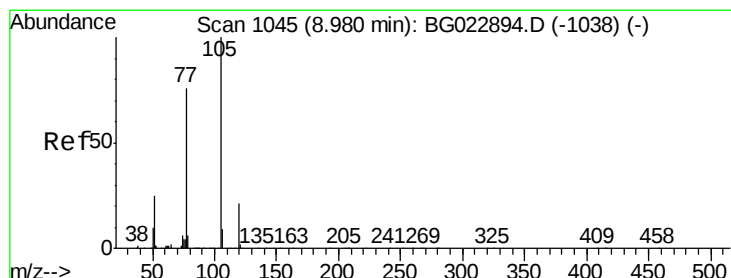
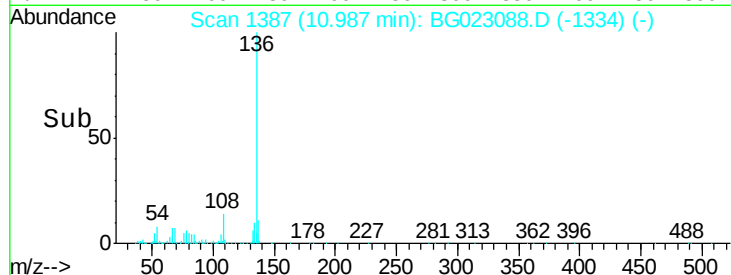
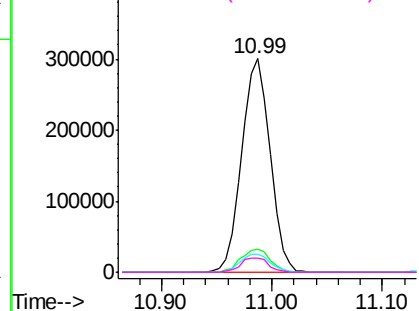
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BG023088.D
Acq: 14 Jul 2016 4:33

Instrument :
BNA_G
ClientSampleId :
PB92093BSD

Tot Ion:136	Resp:	543452
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.6 14.4
54	8.3	7.3 10.9
68	6.6	5.3 7.9

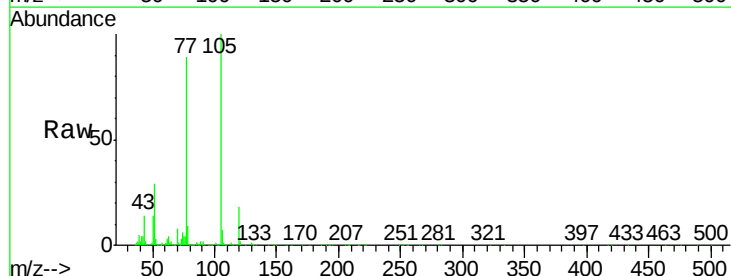


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

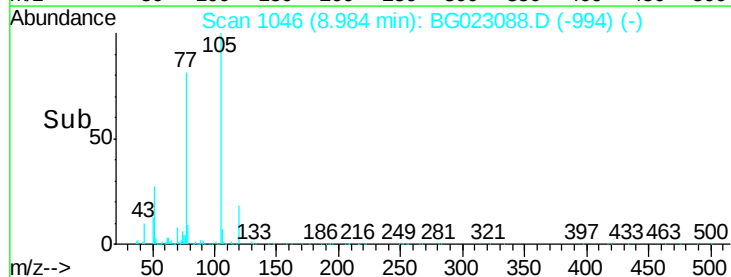
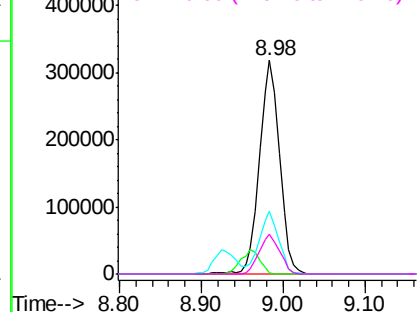


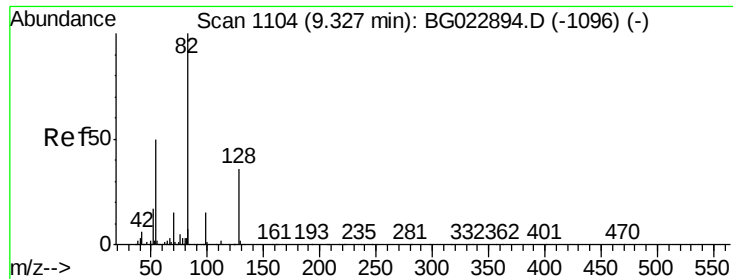
#22
Acetophenone
Concen: 33.54 ng
RT: 8.98 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BG023088.D
Acq: 14 Jul 2016 4:33

Tgt Ion:105	Resp:	547037
Ion Ratio	Lower	Upper
105	100	
71	0.9	2.6 3.8#
51	29.1	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

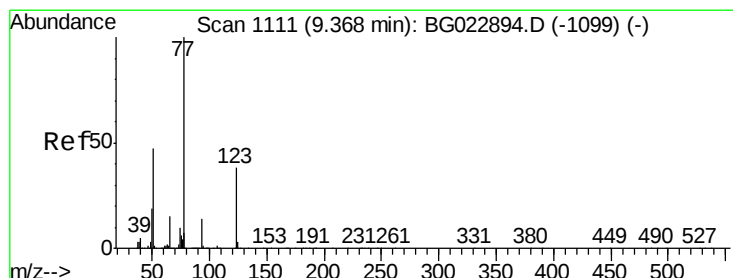
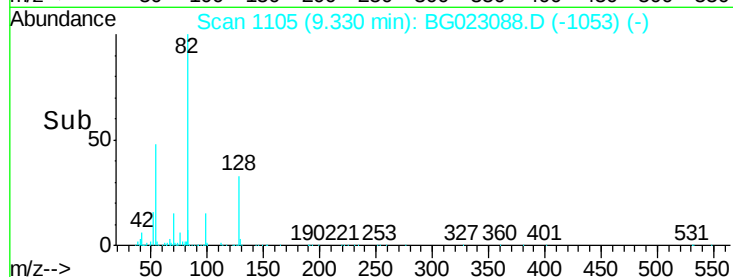
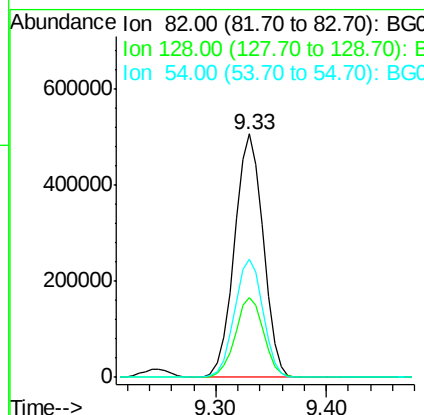
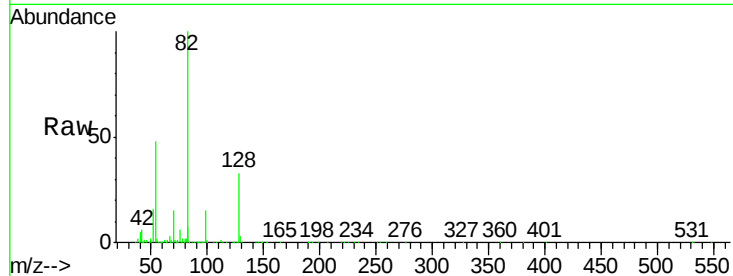




#23
 Nitrobenzene-d5
 Concen: 72.61 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BG023088.D
 Acq: 14 Jul 2016 4:33

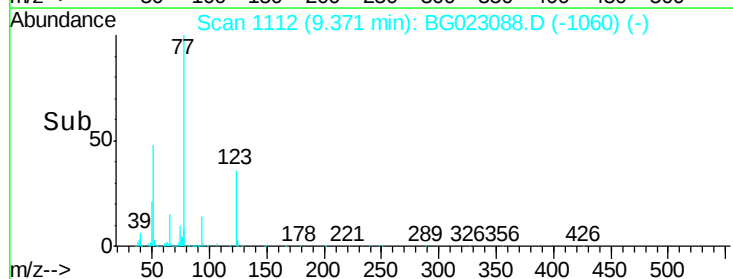
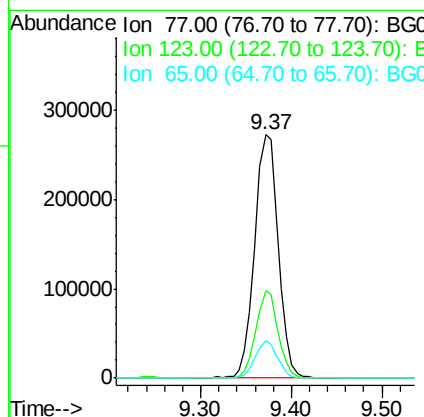
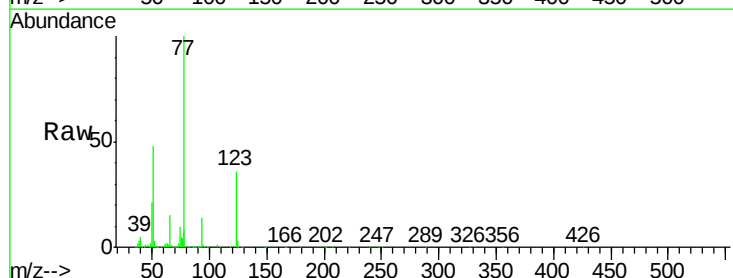
Instrument :
 BNA_G
 ClientSampleId :
 PB92093BSD

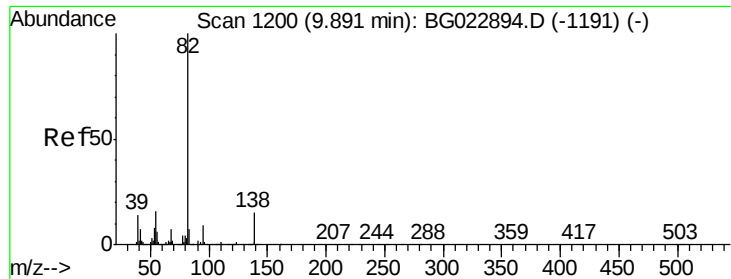
Tot Ion	82	Resp	921600
Ion Ratio	Lower	Upper	
82	100		
128	33.0	24.4	36.6
54	48.3	41.4	62.0



#24
 Nitrobenzene
 Concen: 36.59 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BG023088.D
 Acq: 14 Jul 2016 4:33

Tgt Ion	77	Resp	493490
Ion Ratio	Lower	Upper	
77	100		
123	35.8	25.0	37.6
65	15.3	13.4	20.0





#25

Isophorone

Concen: 36.23 ng

RT: 9.89 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Instrument :

BNA_G

ClientSampleId :

PB92093BSD

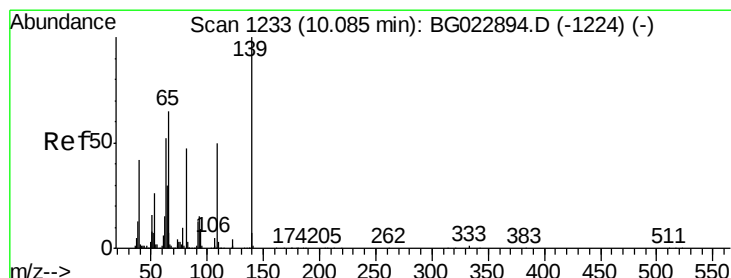
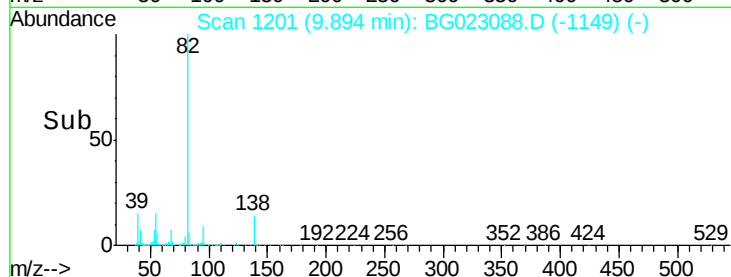
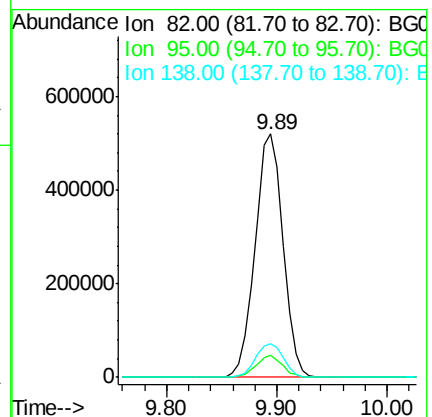
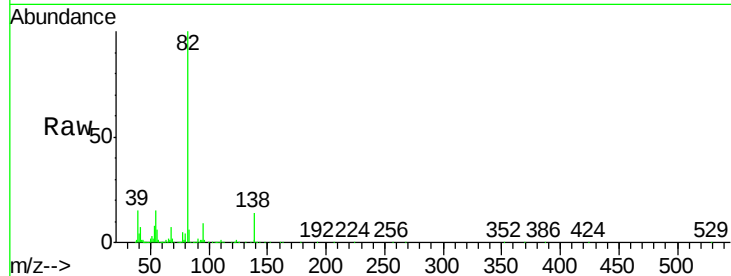
Tot Ion: 82 Resp: 924897

Ion Ratio Lower Upper

82 100

95 9.2 8.2 12.2

138 14.1 10.7 16.1



#26

2-Nitrophenol

Concen: 36.86 ng

RT: 10.09 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

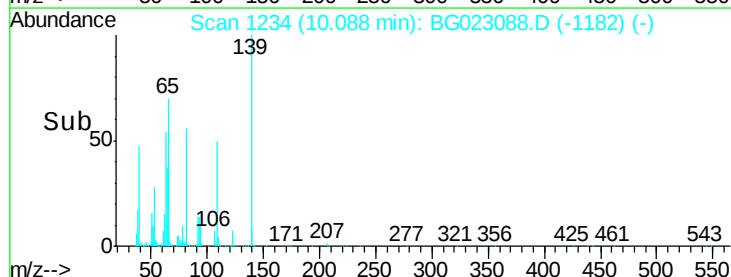
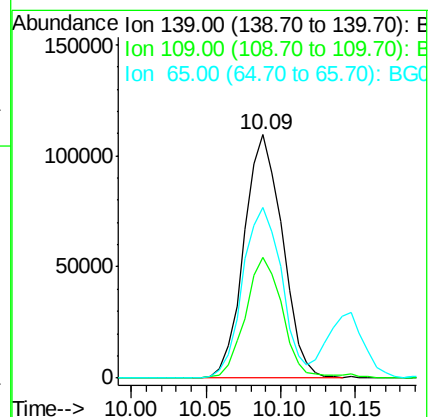
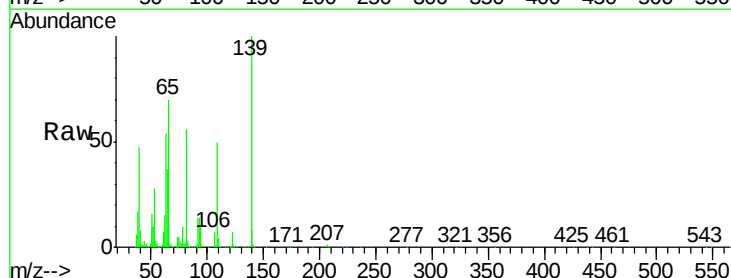
Tgt Ion: 139 Resp: 195050

Ion Ratio Lower Upper

139 100

109 49.8 43.5 65.3

65 70.1 64.3 96.5

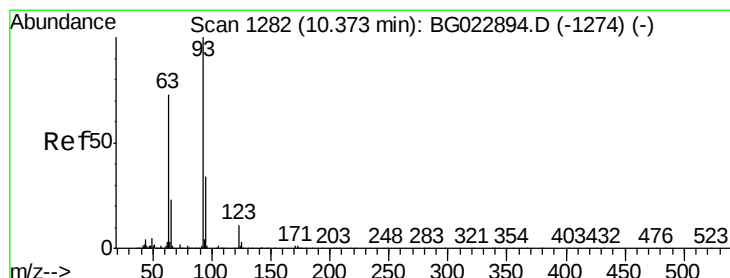
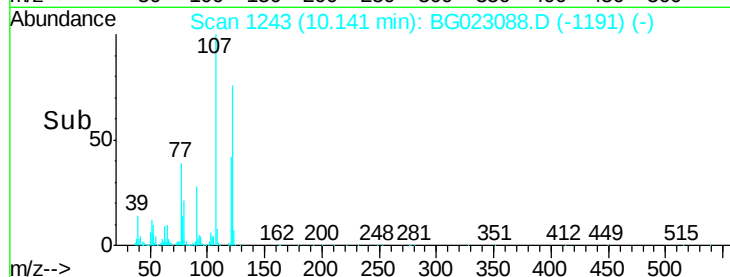
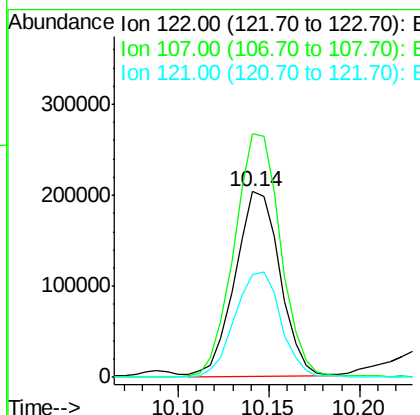
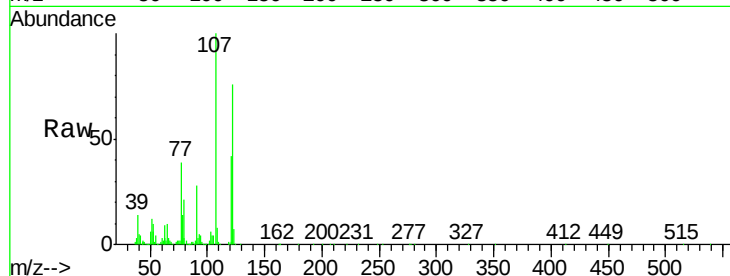




#27
 2,4-Dimethylphenol
 Concen: 38.44 ng
 RT: 10.14 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BG023088.D
 Acq: 14 Jul 2016 4:33

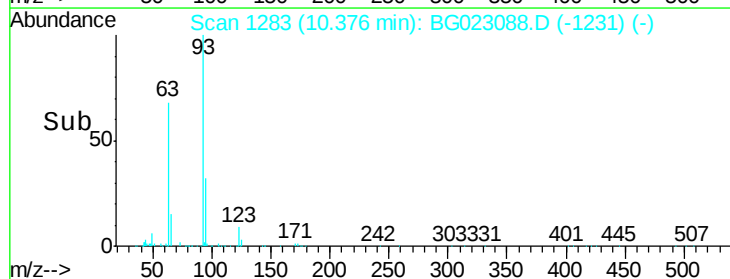
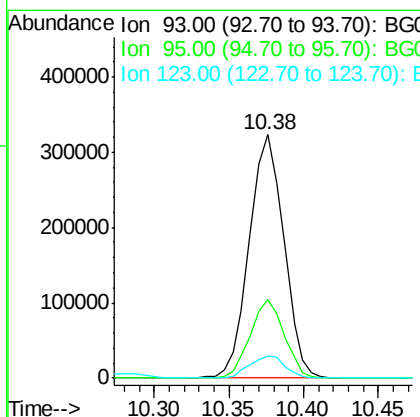
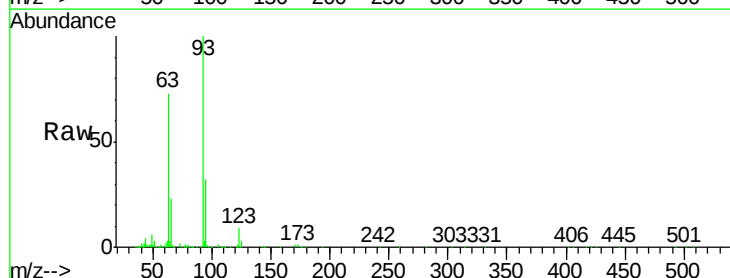
Instrument :
 BNA_G
 ClientSampleId :
 PB92093BSD

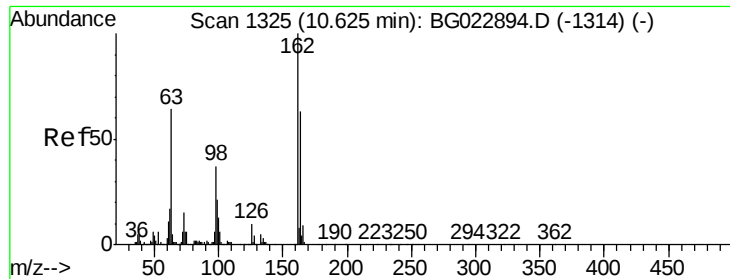
Tot Ion	Ratio	Lower	Upper
122	100		
107	131.1	117.0	175.4
121	55.7	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.46 ng
 RT: 10.38 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG023088.D
 Acq: 14 Jul 2016 4:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.4	38.2
123	9.3	8.2	12.2

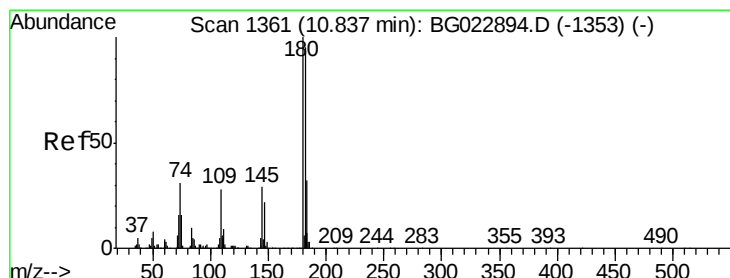
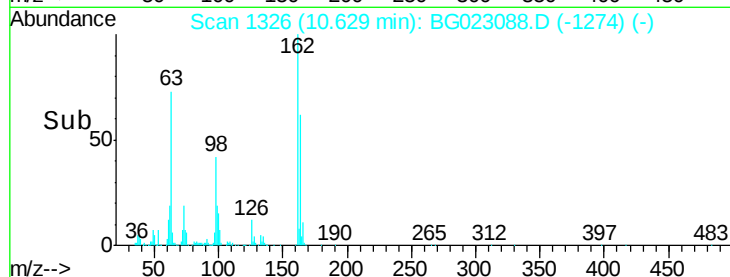
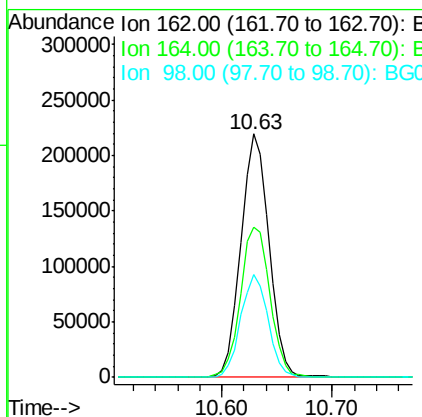
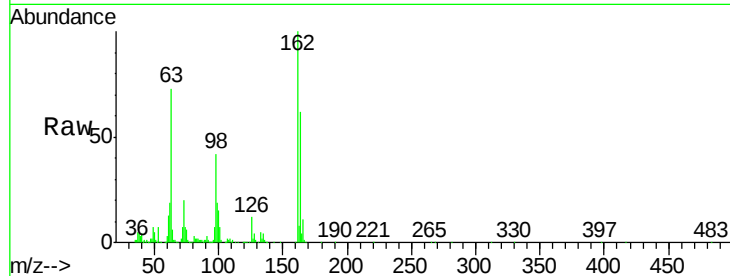




#29
 2,4-Dichlorophenol
 Concen: 40.38 ng
 RT: 10.63 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BG023088.D
 Acq: 14 Jul 2016 4:33

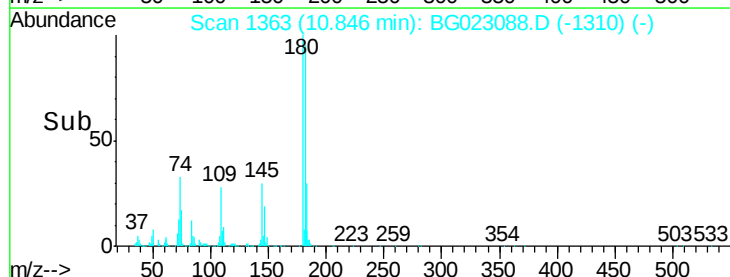
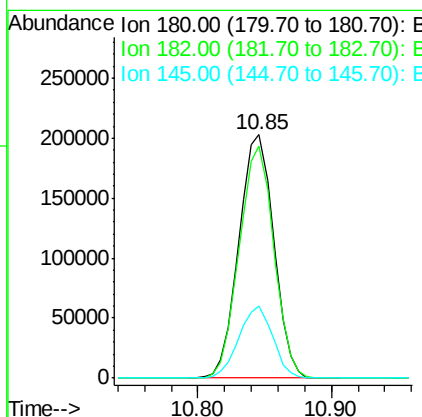
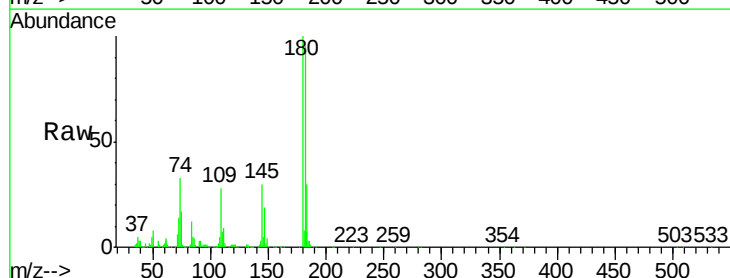
Instrument :
 BNA_G
 ClientSampleId :
 PB92093BSD

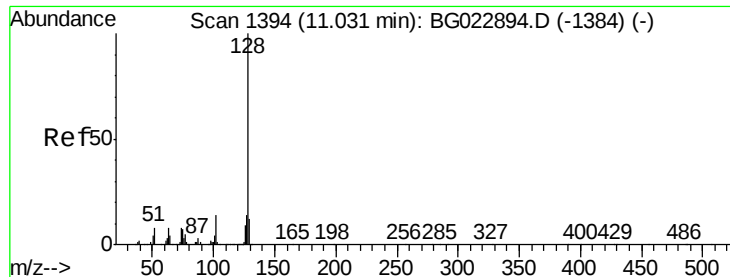
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.5	44.3	84.3
98	42.5	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 32.93 ng
 RT: 10.85 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BG023088.D
 Acq: 14 Jul 2016 4:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	73.8	110.8
145	29.8	24.4	36.6





#31

Naphthalene

Concen: 34.91 ng

RT: 11.03 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Instrument :

BNA_G

ClientSampleId :

PB92093BSD

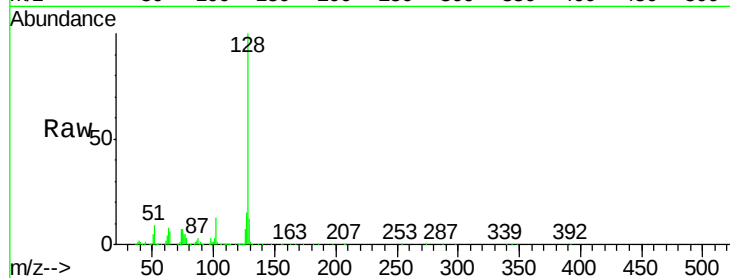
Tot Ion:128 Resp: 965792

Ion Ratio Lower Upper

128 100

129 11.9 9.4 14.0

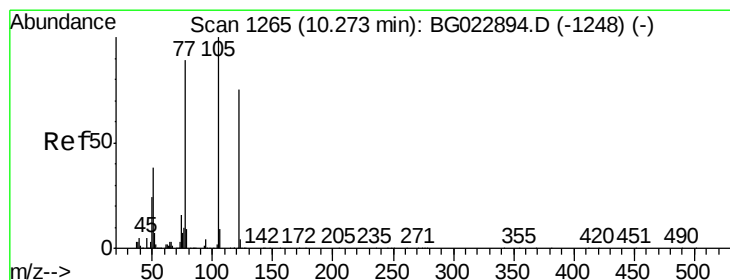
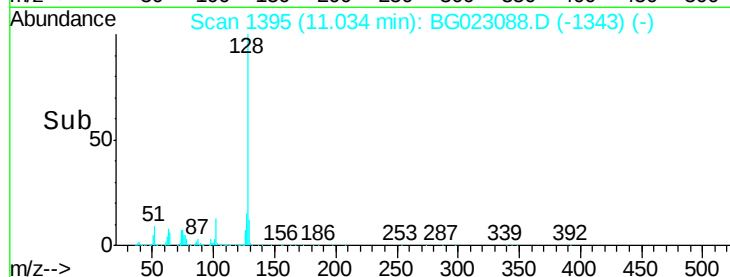
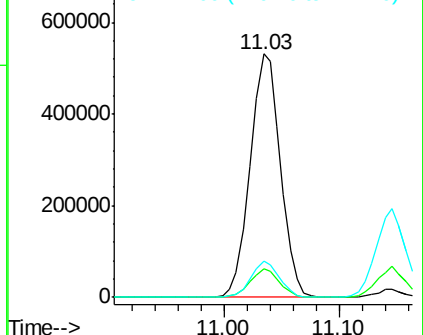
127 15.0 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.26 ng

RT: 10.29 min Scan# 1268

Delta R.T. 0.02 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

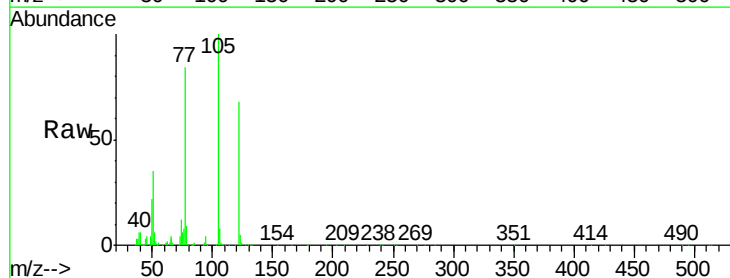
Tgt Ion:122 Resp: 251802

Ion Ratio Lower Upper

122 100

105 146.1 117.2 157.2

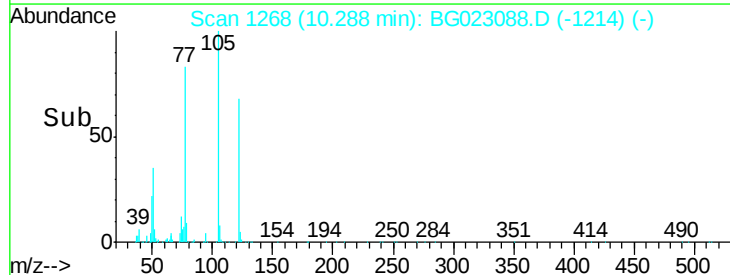
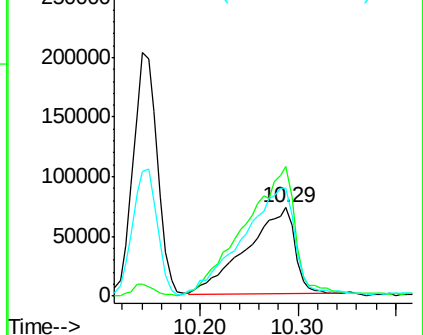
77 122.2 109.2 149.2

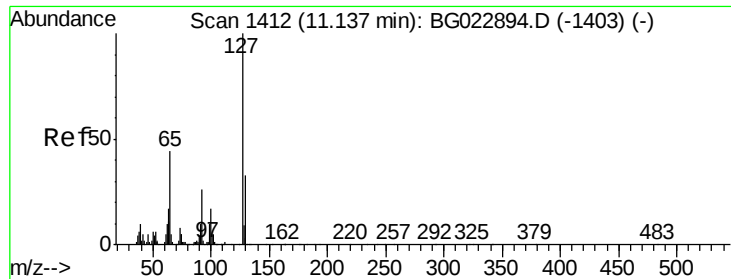


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO

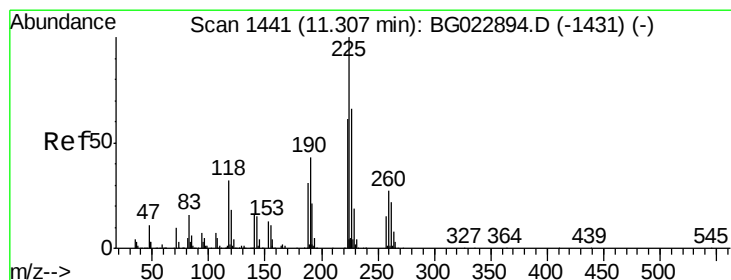
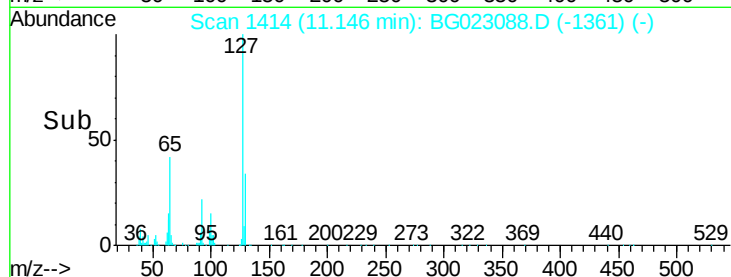
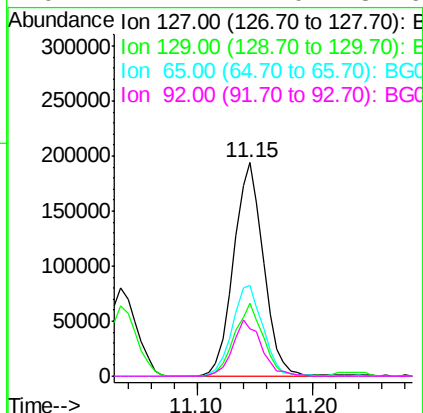
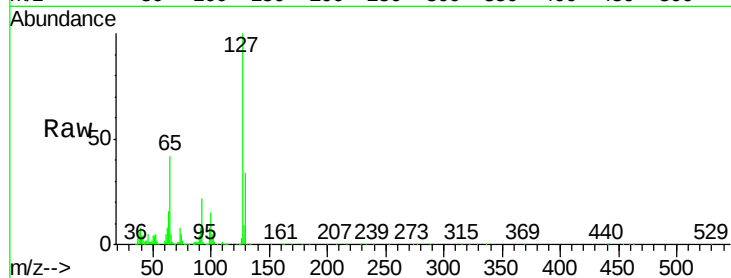




#33
4-Chloroaniline
Concen: 25.79 ng
RT: 11.15 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BG023088.D
Acq: 14 Jul 2016 4:33

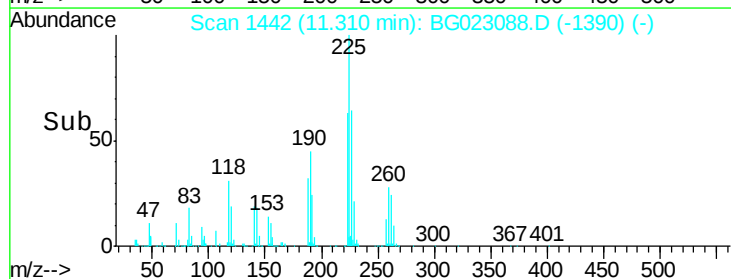
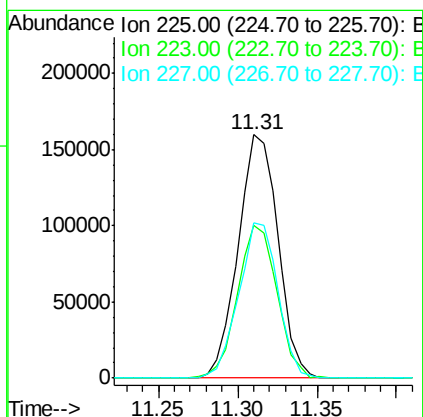
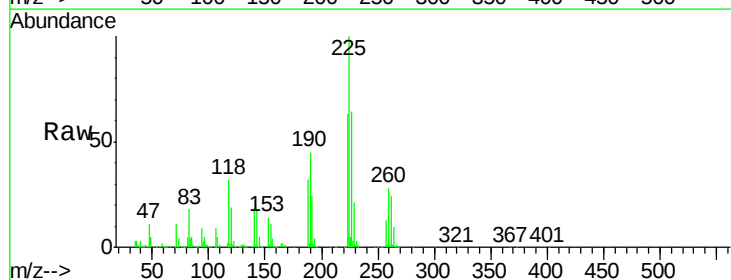
Instrument :
BNA_G
ClientSampleId :
PB92093BSD

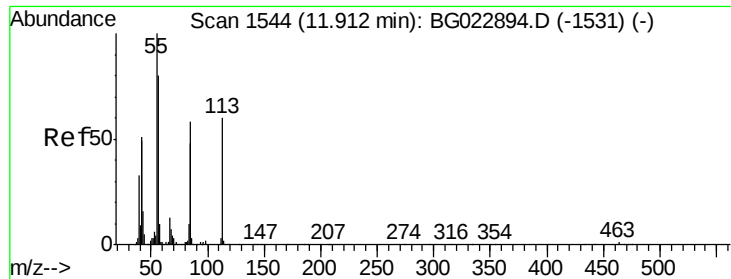
Tot Ion:	127	Resp:	348868
Ion	Ratio	Lower	Upper
127	100		
129	34.5	27.9	41.9
65	42.3	36.8	55.2
92	22.2	21.0	31.6



#34
Hexachlorobutadiene
Concen: 30.81 ng
RT: 11.31 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BG023088.D
Acq: 14 Jul 2016 4:33

Tgt Ion:	225	Resp:	279216
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.6	74.4
227	63.7	54.5	81.7

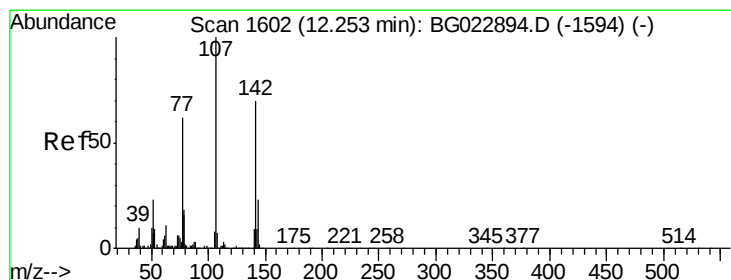
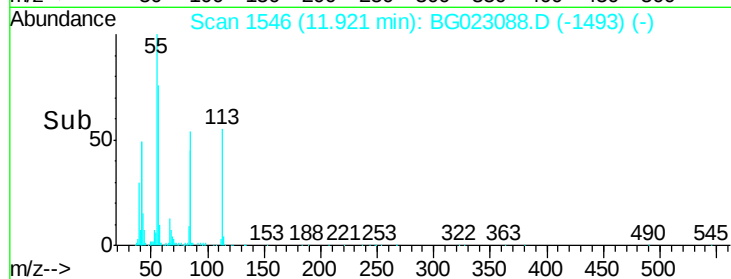
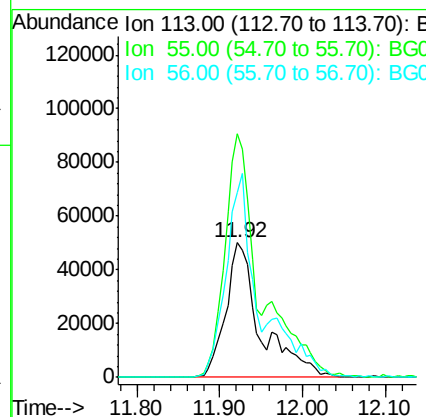
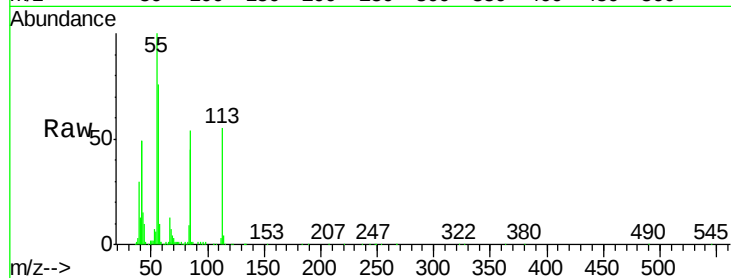




#35
 Caprolactam
 Concen: 36.46 ng/ml
 RT: 11.92 min Scan# 1546
 Delta R.T. 0.01 min
 Lab File: BG023088.D
 Acq: 14 Jul 2016 4:33

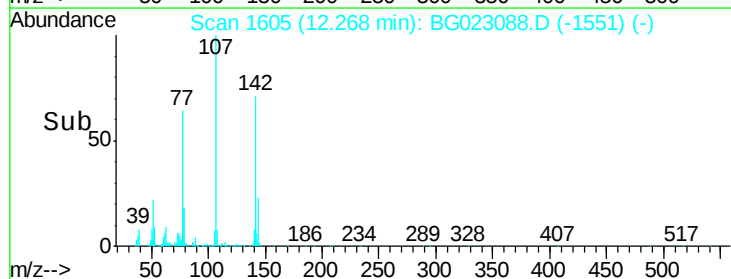
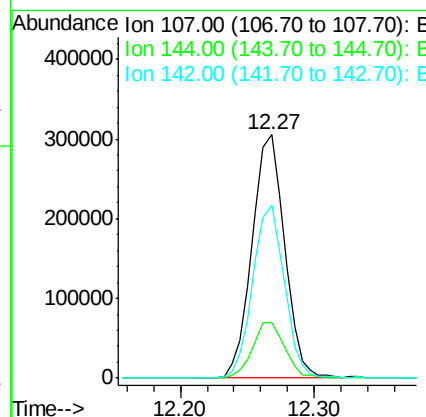
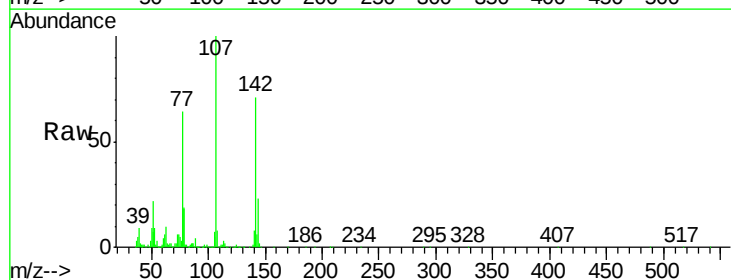
Instrument :
 BNA_G
 ClientSampleId :
 PB92093BSD

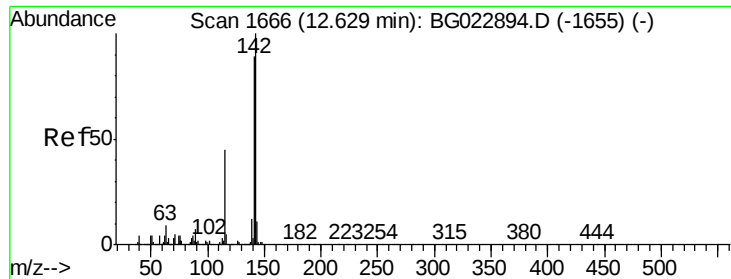
Tot Ion:113 Resp: 146341
 Ion Ratio Lower Upper
 113 100
 55 181.3 154.5 194.5
 56 137.5 125.1 165.1



#36
 4-Chloro-3-methylphenol
 Concen: 38.62 ng/ml
 RT: 12.27 min Scan# 1605
 Delta R.T. 0.02 min
 Lab File: BG023088.D
 Acq: 14 Jul 2016 4:33

Tgt Ion:107 Resp: 515398
 Ion Ratio Lower Upper
 107 100
 144 22.7 17.0 25.6
 142 70.9 53.0 79.6

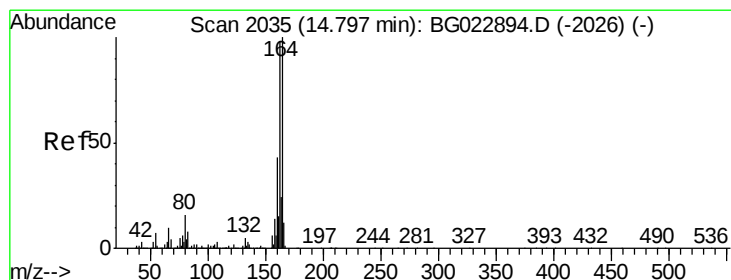
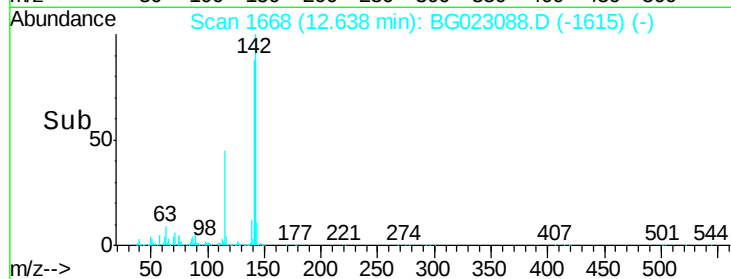
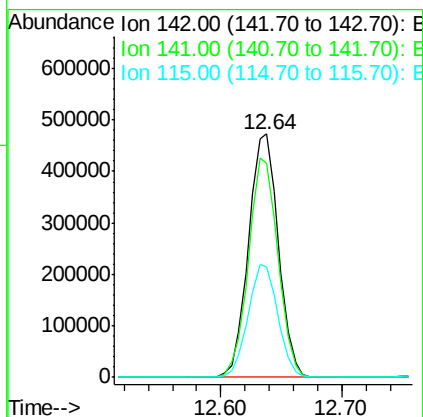
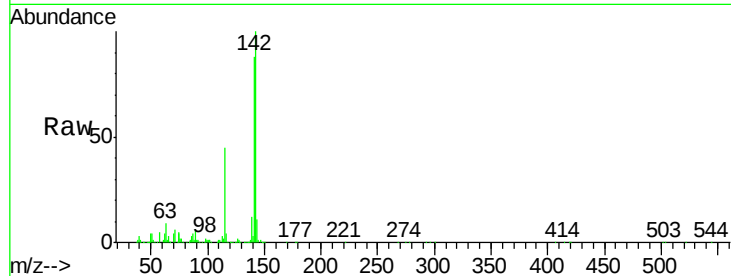




#37
 2-Methylnaphthalene
 Concen: 37.24 ng
 RT: 12.64 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BG023088.D
 Acq: 14 Jul 2016 4:33

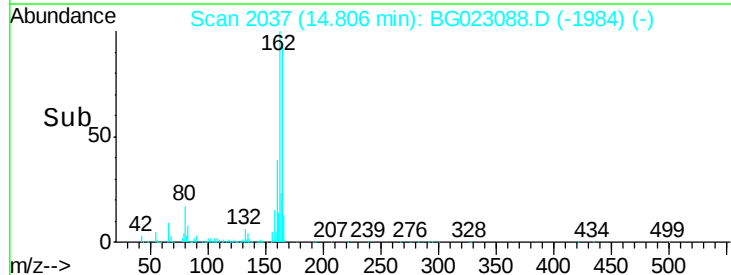
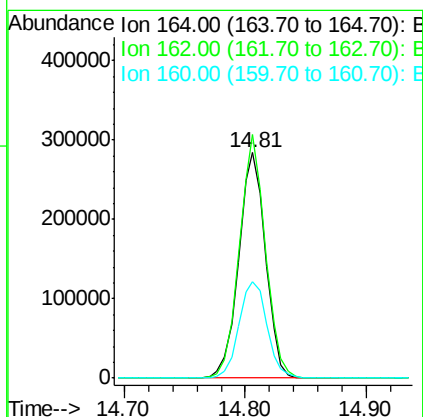
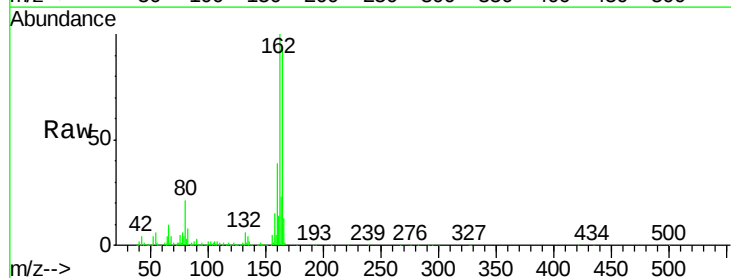
Instrument :
 BNA_G
 ClientSampleId :
 PB92093BSD

Tot Ion:142 Resp: 814312
 Ion Ratio Lower Upper
 142 100
 141 88.2 70.2 105.2
 115 45.4 41.7 62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: BG023088.D
 Acq: 14 Jul 2016 4:33

Tgt Ion:164 Resp: 437602
 Ion Ratio Lower Upper
 164 100
 162 108.1 87.7 131.5
 160 42.7 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.80 ng

RT: 13.00 min Scan# 1730

Delta R.T. 0.01 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Instrument :

BNA_G

ClientSampleId :

PB92093BSD

Tot Ion:216 Resp: 524163

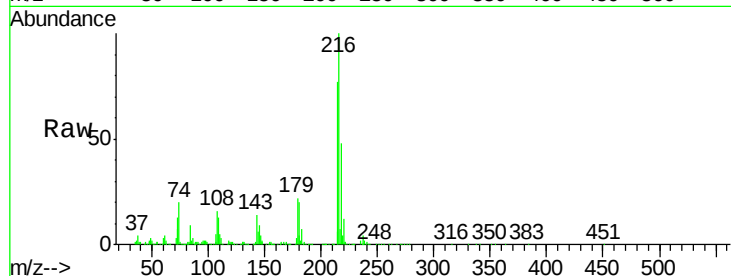
Ion Ratio Lower Upper

216 100

214 78.5 62.9 94.3

179 21.6 17.2 25.8

108 19.8 16.3 24.5

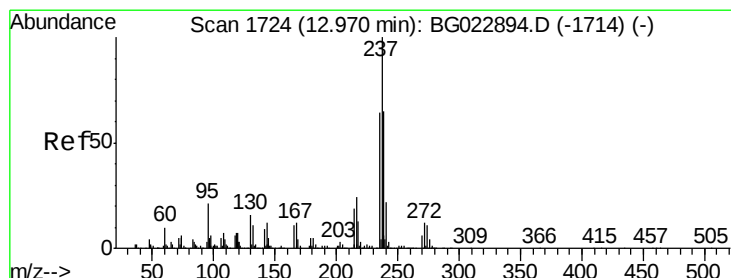
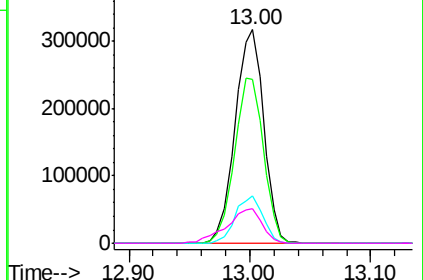
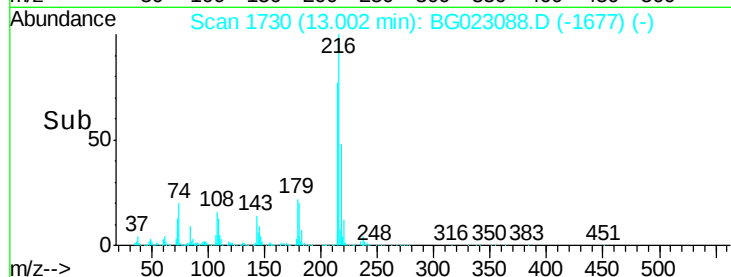


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 62.47 ng

RT: 12.97 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

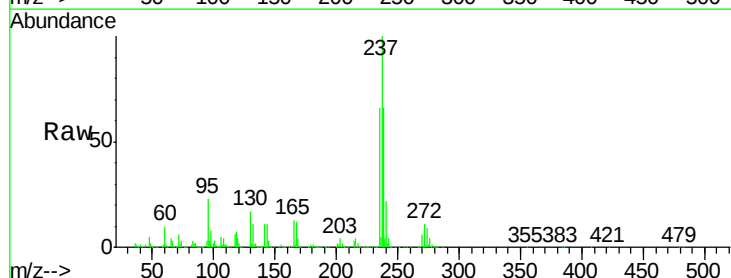
Tgt Ion:237 Resp: 678177

Ion Ratio Lower Upper

237 100

235 65.7 43.1 83.1

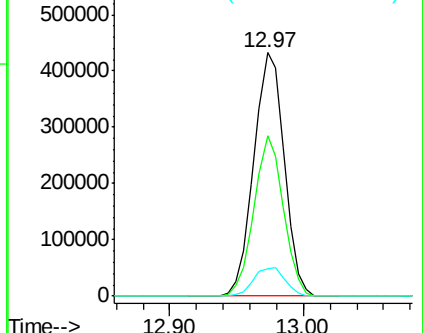
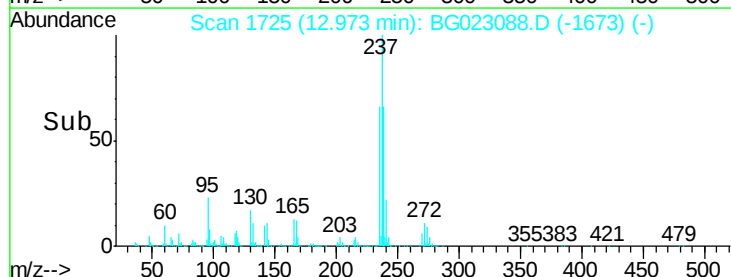
272 11.4 0.0 30.9

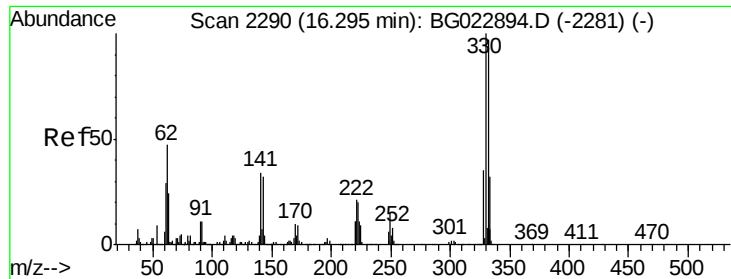


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

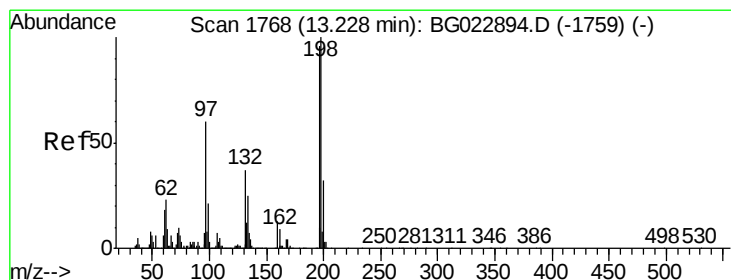
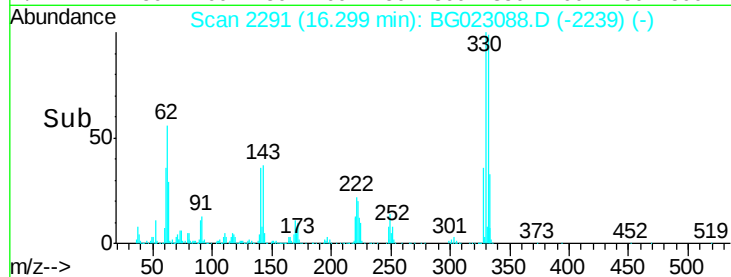
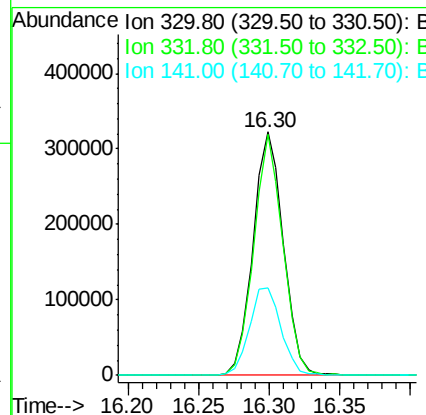
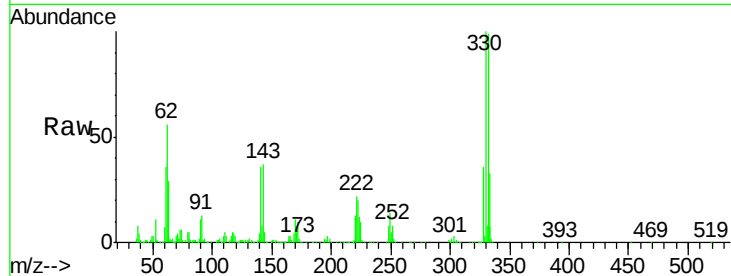




#41
 2,4,6-Tribromophenol
 Concen: 61.73 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG023088.D
 Acq: 14 Jul 2016 4:33

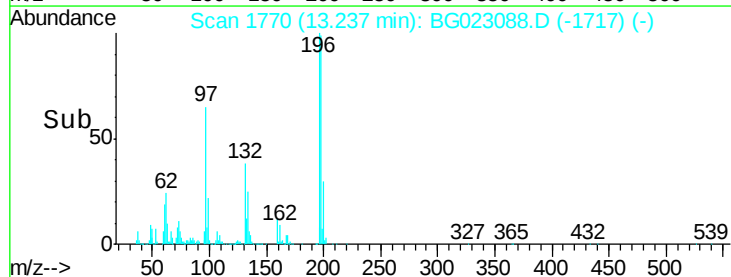
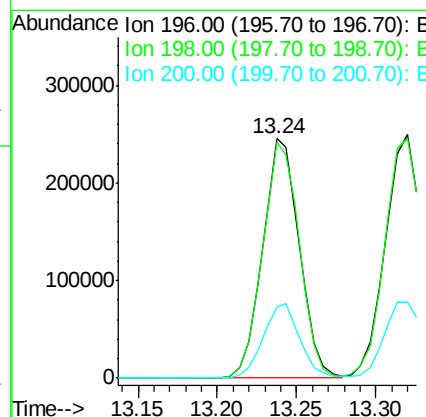
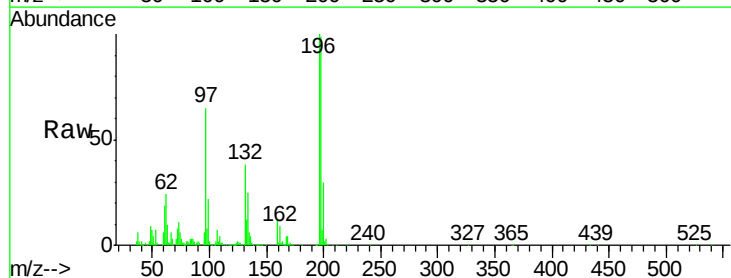
Instrument :
 BNA_G
 ClientSampleId :
 PB92093BSD

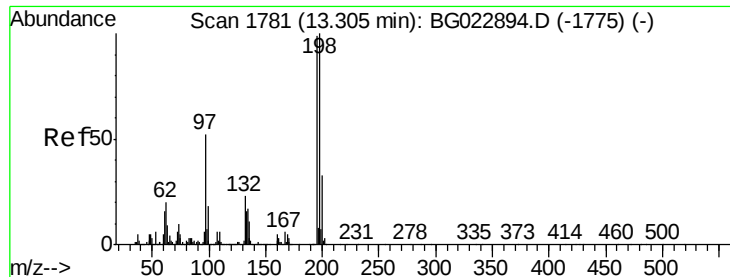
Tot Ion:330 Resp: 485473
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.2
 141 37.9 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 36.46 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. 0.01 min
 Lab File: BG023088.D
 Acq: 14 Jul 2016 4:33

Tgt Ion:196 Resp: 395186
 Ion Ratio Lower Upper
 196 100
 198 98.6 78.2 117.2
 200 29.8 27.0 40.4

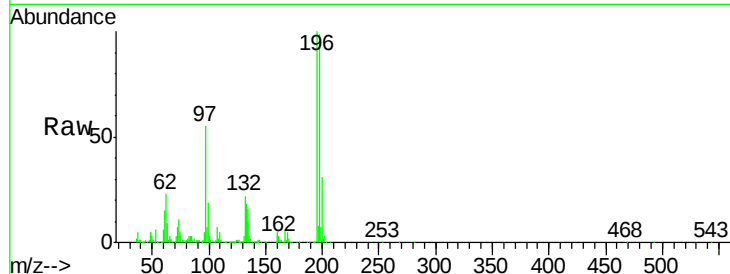




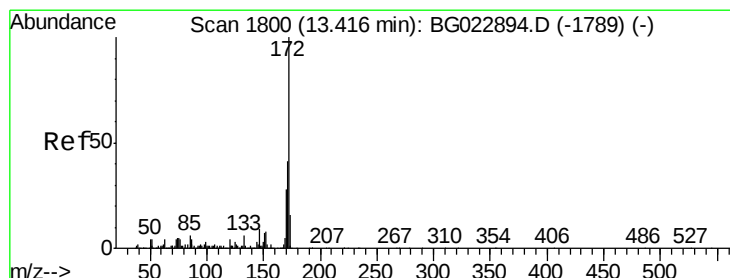
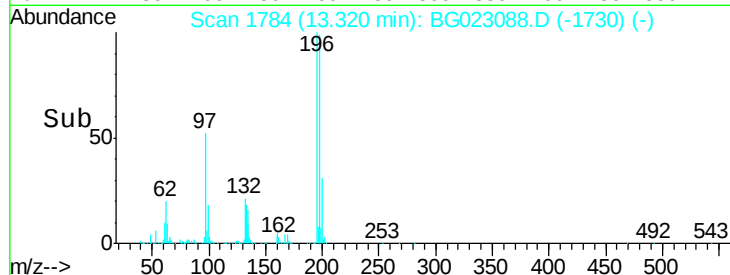
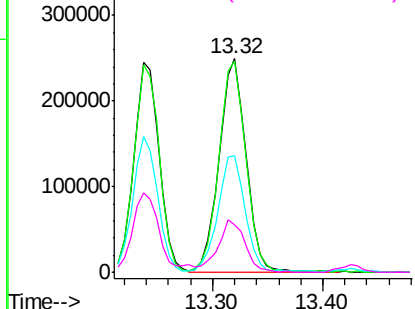
#43
 2,4,5-Trichlorophenol
 Concen: 37.93 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. 0.02 min
 Lab File: BG023088.D
 Acq: 14 Jul 2016 4:33

Instrument :
 BNA_G
 ClientSampleId :
 PB92093BSD

Tot Ion:196 Resp: 422168
 Ion Ratio Lower Upper
 196 100
 198 98.6 85.7 128.5
 97 54.7 45.5 68.3
 132 22.0 18.9 28.3

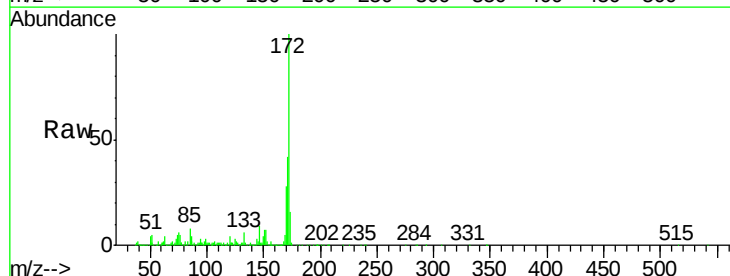


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

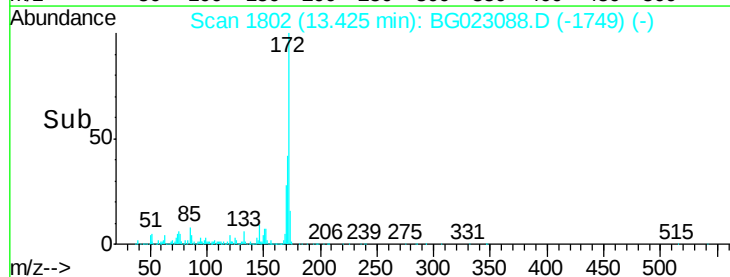
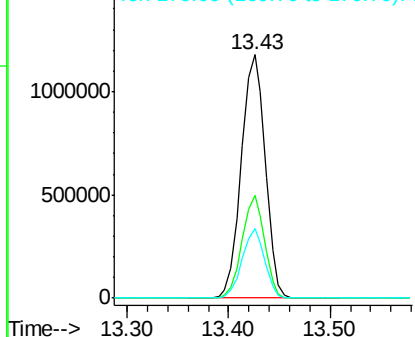


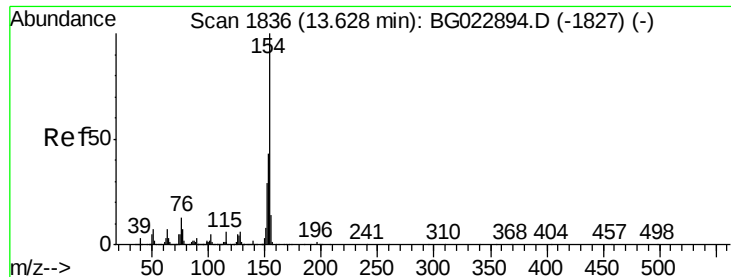
#44
 2-Fluorobiphenyl
 Concen: 69.40 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BG023088.D
 Acq: 14 Jul 2016 4:33

Tgt Ion:172 Resp: 1927982
 Ion Ratio Lower Upper
 172 100
 171 42.2 31.6 47.4
 170 28.5 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

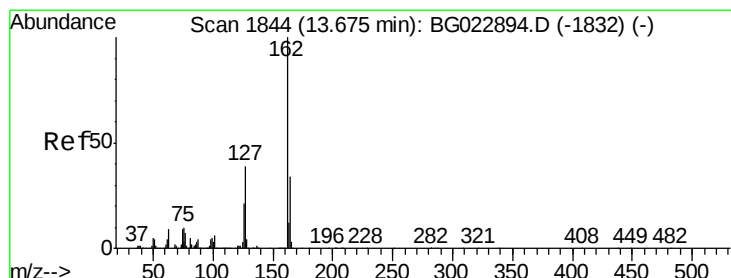
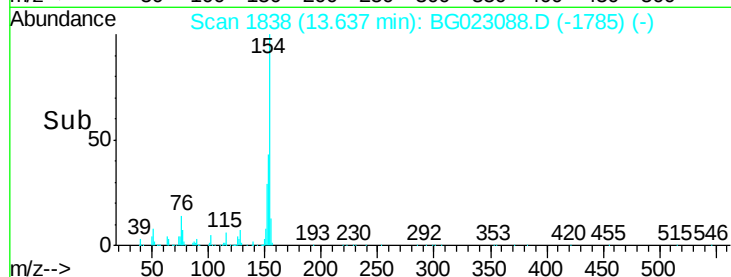
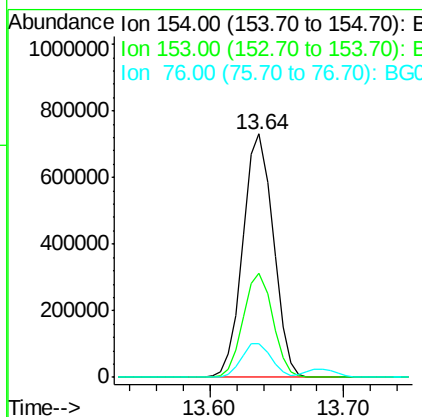
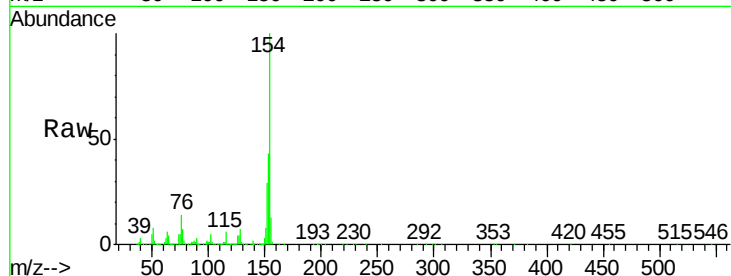




#45
 1,1'-Biphenyl
 Concen: 35.01 ng
 RT: 13.64 min Scan# 1838
 Delta R.T. 0.01 min
 Lab File: BG023088.D
 Acq: 14 Jul 2016 4:33

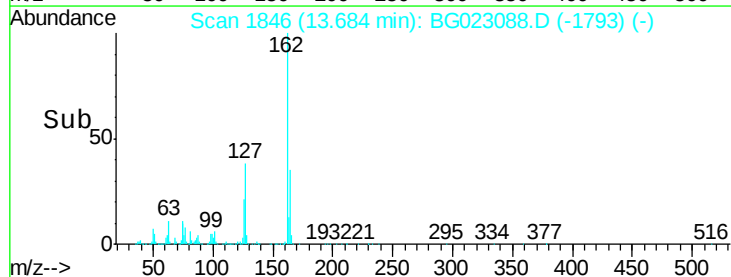
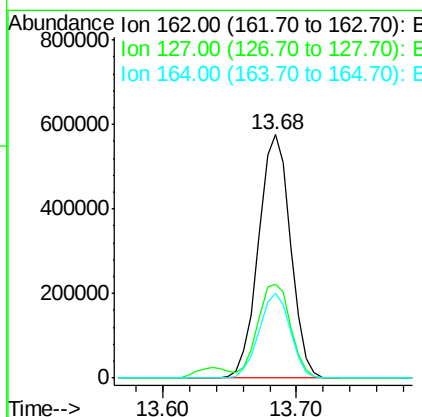
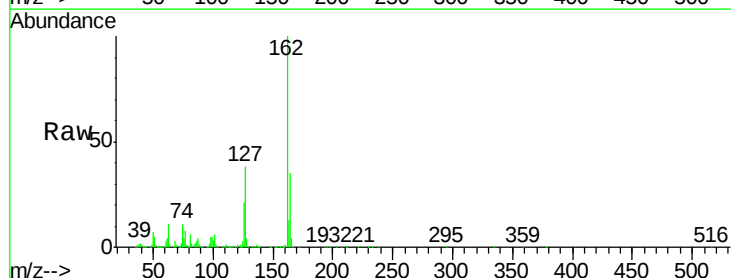
Instrument :
 BNA_G
 ClientSampleId :
 PB92093BSD

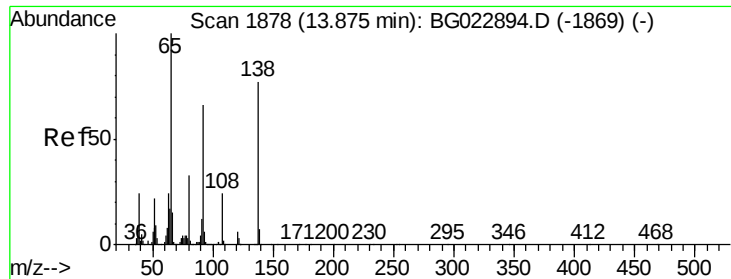
Tot Ion:154 Resp: 1149571
 Ion Ratio Lower Upper
 154 100
 153 42.5 20.2 60.2
 76 14.0 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 35.75 ng
 RT: 13.68 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BG023088.D
 Acq: 14 Jul 2016 4:33

Tgt Ion:162 Resp: 952084
 Ion Ratio Lower Upper
 162 100
 127 38.5 32.4 48.6
 164 34.7 25.2 37.8

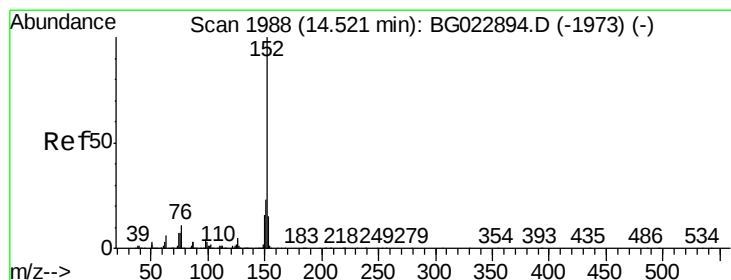
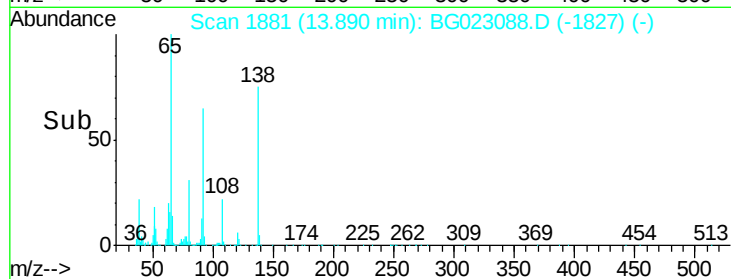
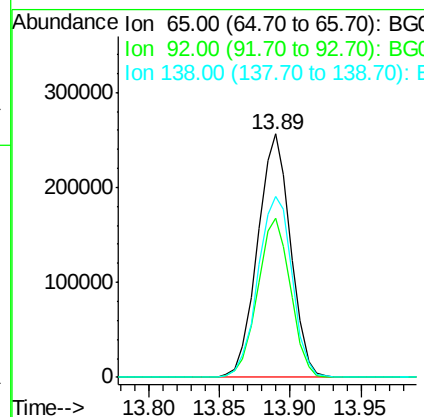
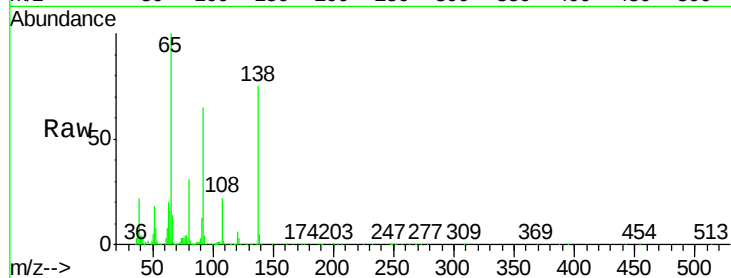




#47
2-Nitroaniline
Concen: 36.99 ng
RT: 13.89 min Scan# 1881
Delta R.T. 0.02 min
Lab File: BG023088.D
Acq: 14 Jul 2016 4:33

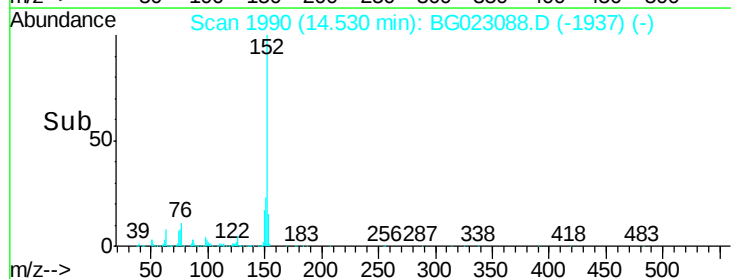
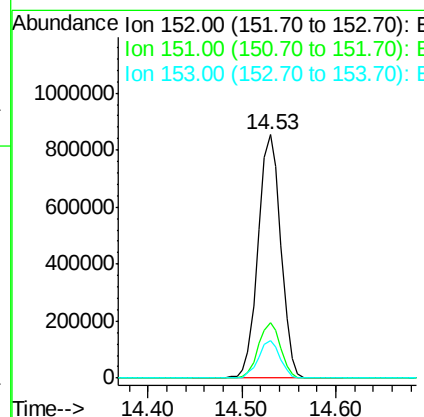
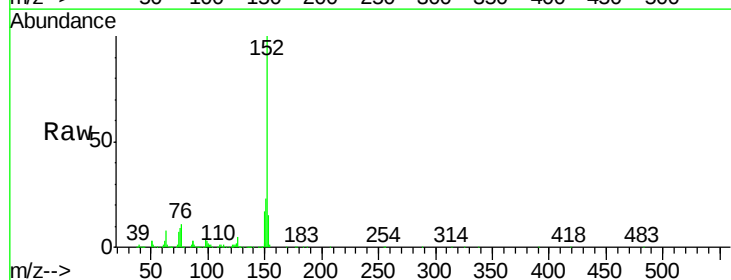
Instrument :
BNA_G
ClientSampleId :
PB92093BSD

Tot Ion: 65 Resp: 420378
Ion Ratio Lower Upper
65 100
92 65.3 49.4 74.0
138 74.5 58.0 87.0



#48
Acenaphthylene
Concen: 35.69 ng
RT: 14.53 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BG023088.D
Acq: 14 Jul 2016 4:33

Tgt Ion: 152 Resp: 1426173
Ion Ratio Lower Upper
152 100
151 22.8 17.6 26.4
153 15.4 11.4 17.2





#49

Dimethylphthalate

Concen: 35.94 ng

RT: 14.25 min Scan# 1943

Delta R.T. 0.01 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Instrument :

BNA_G

ClientSampleId :

PB92093BSD

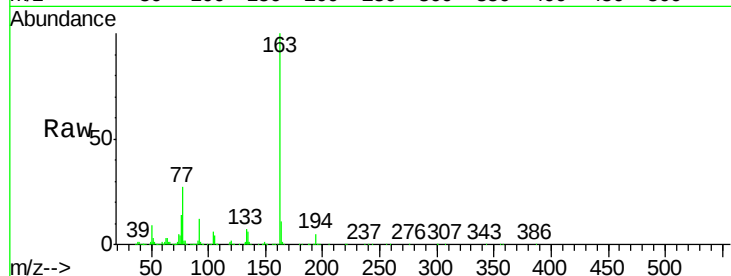
Tot Ion:163 Resp: 1284703

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

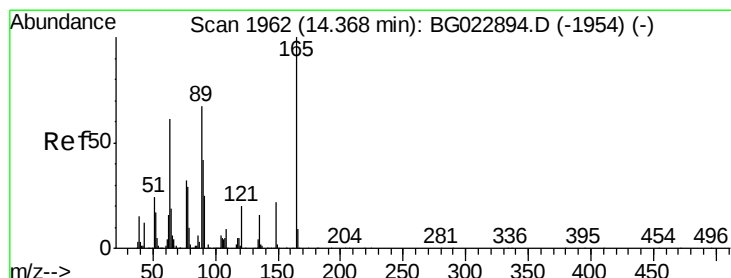
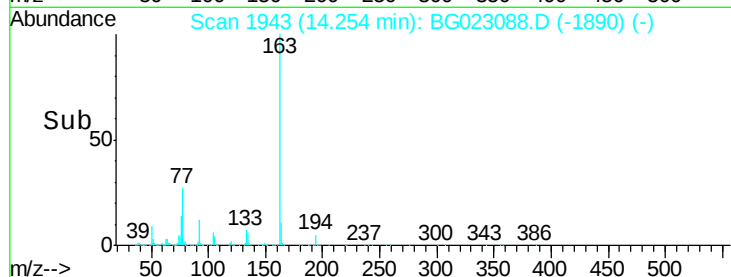
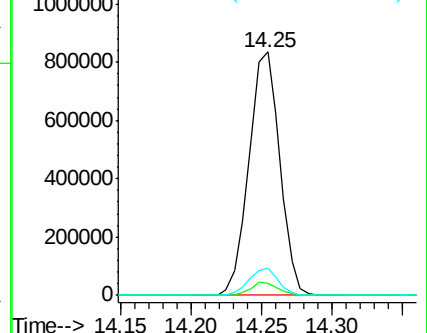
164 11.3 8.1 12.1



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: 37.42 ng

RT: 14.38 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

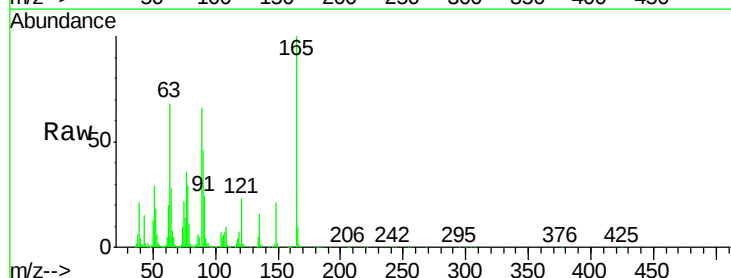
Tgt Ion:165 Resp: 300606

Ion Ratio Lower Upper

165 100

63 67.6 64.3 96.5

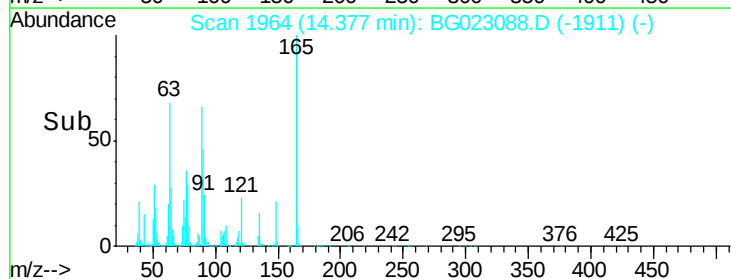
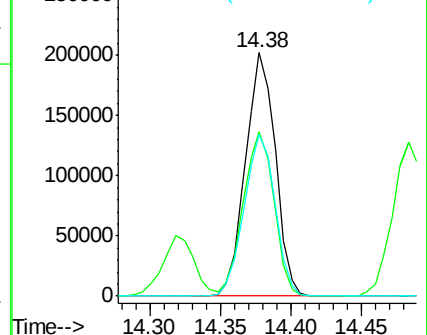
89 66.4 64.3 96.5

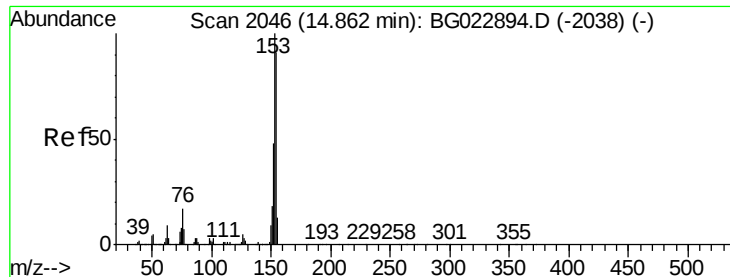


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 35.89 ng

RT: 14.87 min Scan# 2048

Delta R.T. 0.01 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Instrument :

BNA_G

ClientSampleId :

PB92093BSD

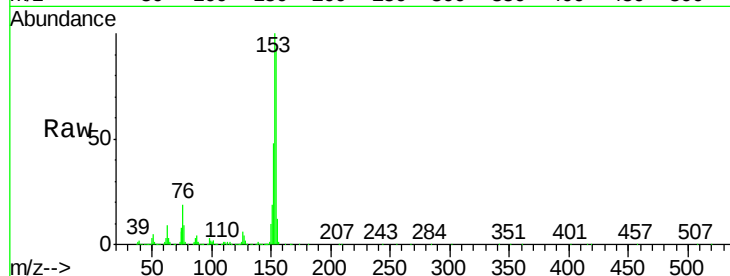
Tot Ion:154 Resp: 937011

Ion Ratio Lower Upper

154 100

153 107.8 87.5 131.3

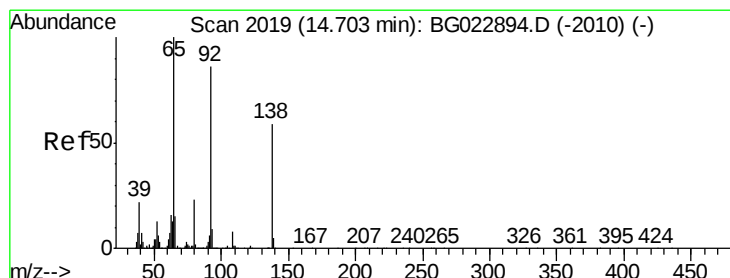
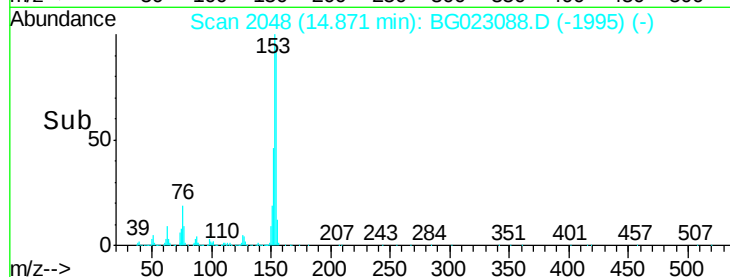
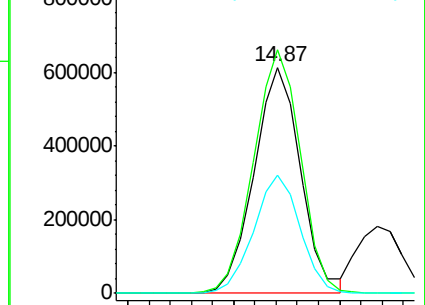
152 52.3 42.7 64.1



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: 29.23 ng

RT: 14.71 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

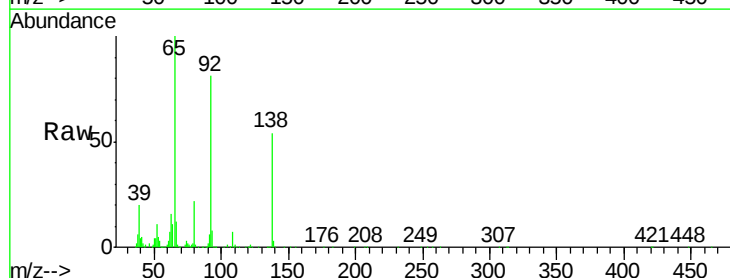
Tgt Ion:138 Resp: 234128

Ion Ratio Lower Upper

138 100

108 13.0 11.7 17.5

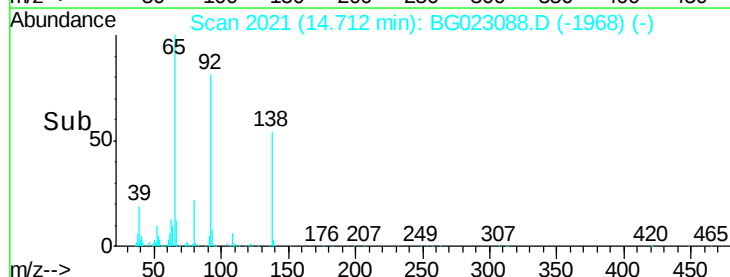
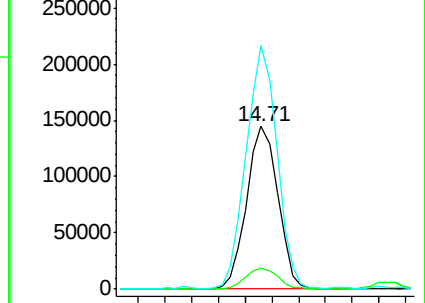
92 149.4 129.7 194.5

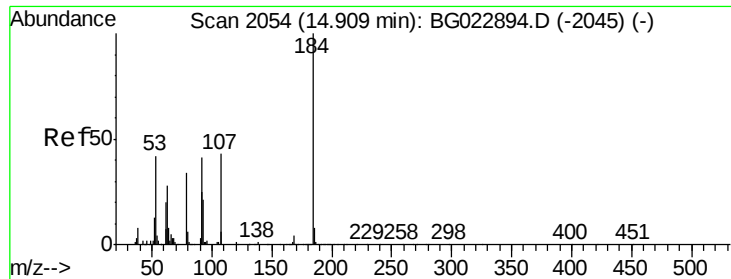


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

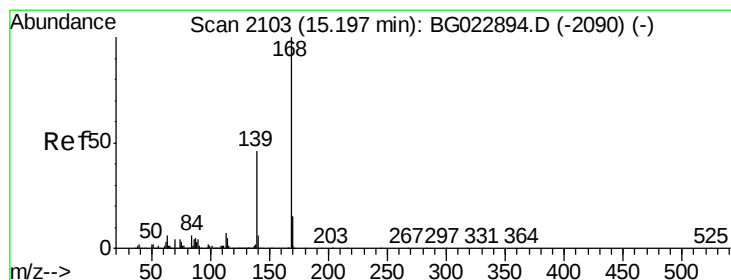
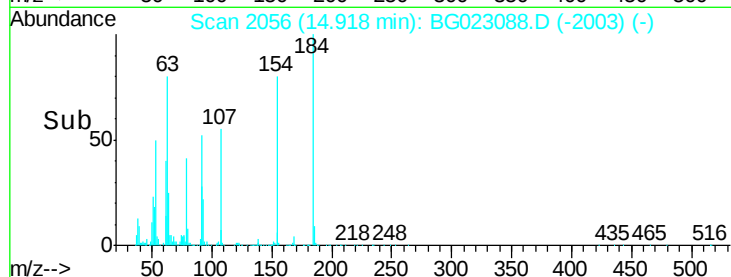
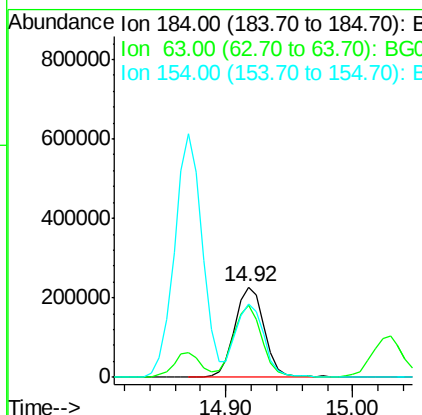
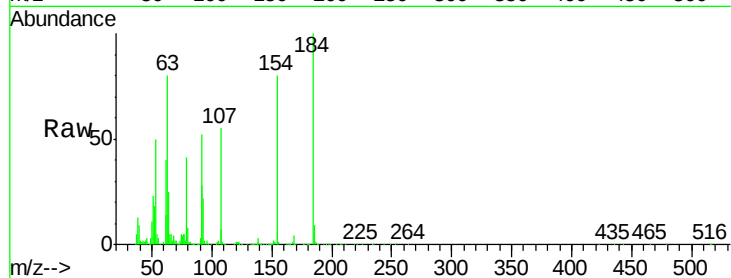




#53
2,4-Dinitrophenol
Concen: 66.03 ng
RT: 14.92 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BG023088.D
Acq: 14 Jul 2016 4:33

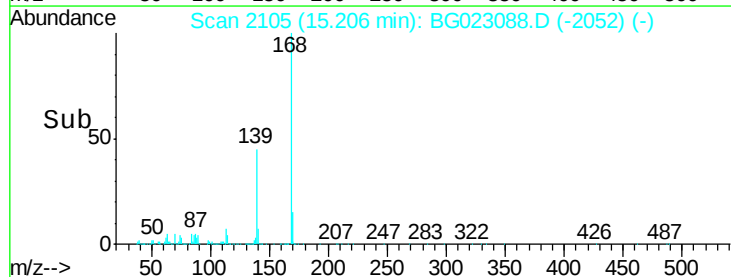
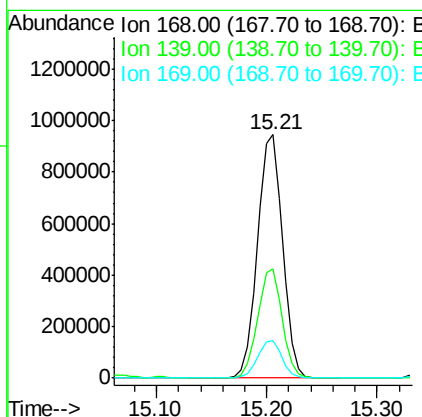
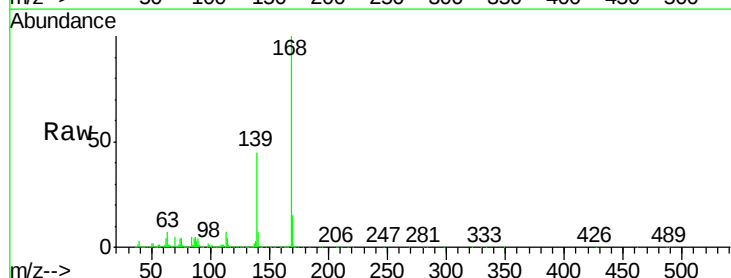
Instrument :
BNA_G
ClientSampleId :
PB92093BSD

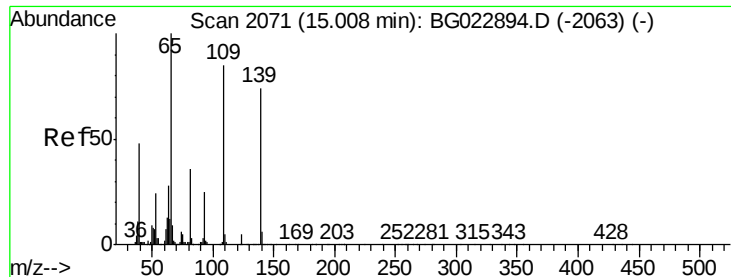
Tot Ion:184 Resp: 363963
Ion Ratio Lower Upper
184 100
63 80.1 59.6 89.4
154 80.4 67.4 101.0



#54
Dibenzofuran
Concen: 38.53 ng
RT: 15.21 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BG023088.D
Acq: 14 Jul 2016 4:33

Tgt Ion:168 Resp: 1505586
Ion Ratio Lower Upper
168 100
139 45.0 36.4 54.6
169 15.2 11.9 17.9





#55

4-Nitrophenol

Concen: 65.85 ng

RT: 15.03 min Scan# 2075

Delta R.T. 0.02 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Instrument :

BNA_G

ClientSampleId :

PB92093BSD

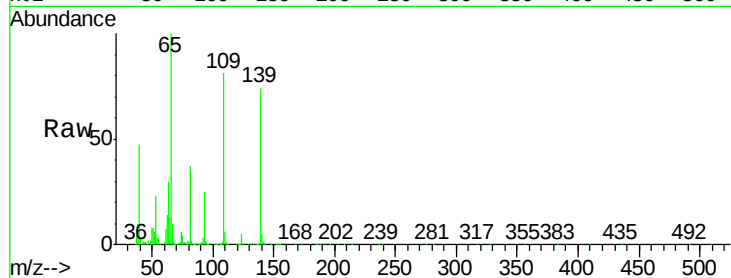
Tot Ion:139 Resp: 442170

Ion Ratio Lower Upper

139 100

109 109.6 103.0 143.0

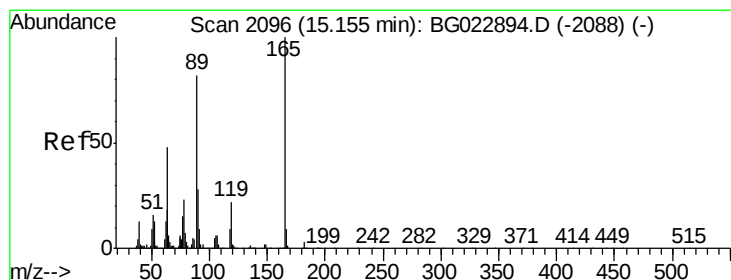
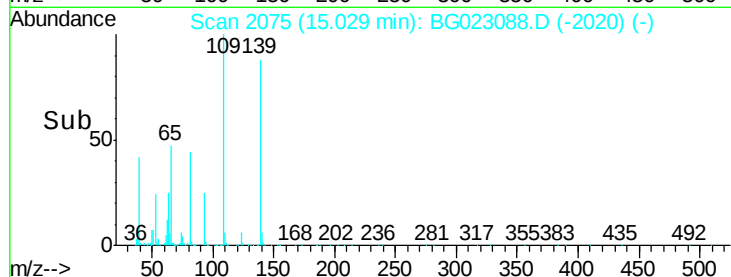
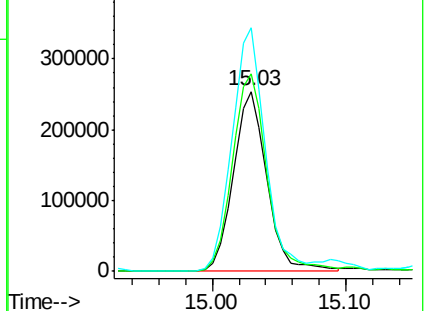
65 135.3 112.7 152.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 36.71 ng

RT: 15.16 min Scan# 2098

Delta R.T. 0.01 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Tgt Ion:165 Resp: 429976

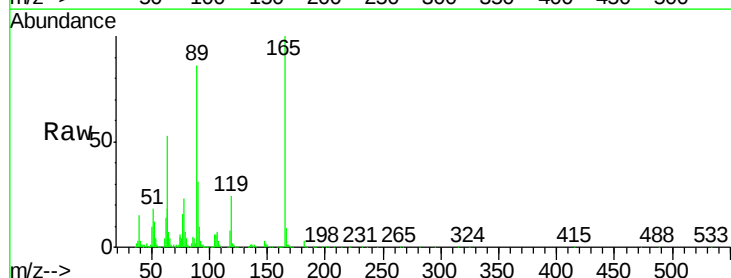
Ion Ratio Lower Upper

165 100

63 53.4 45.8 68.6

89 85.5 68.6 102.8

182 2.6 2.0 3.0

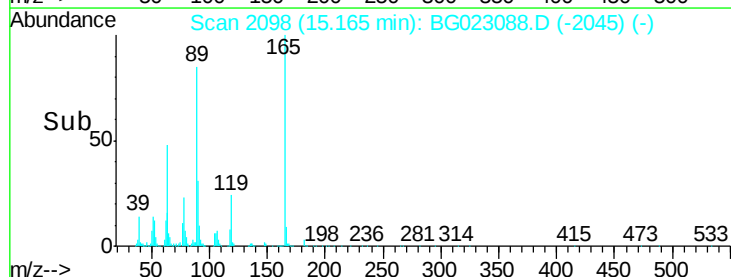
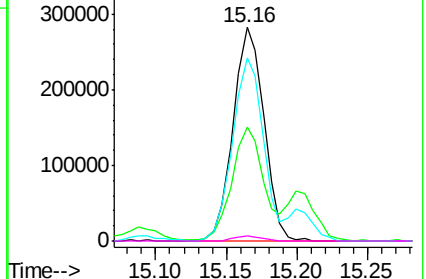


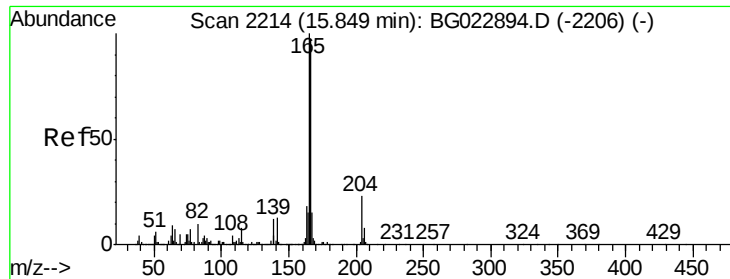
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.64 ng

RT: 15.85 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Instrument :

BNA_G

ClientSampleId :

PB92093BSD

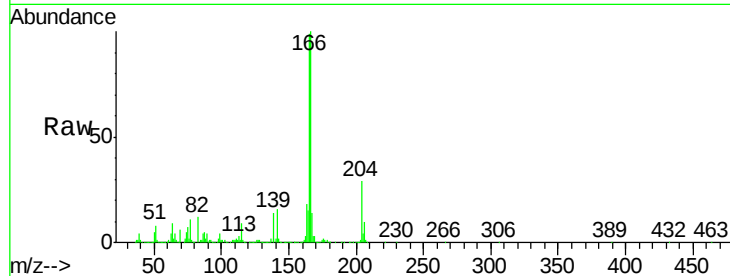
Tot Ion:166 Resp: 1232476

Ion Ratio Lower Upper

166 100

165 99.4 81.0 121.6

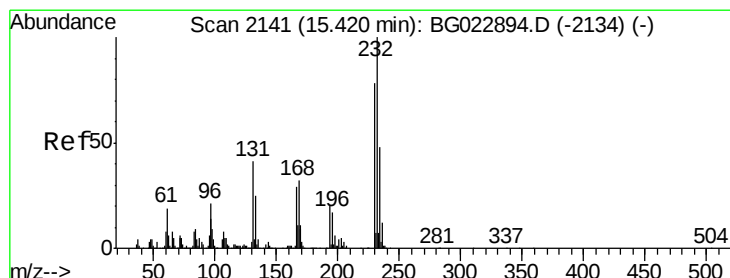
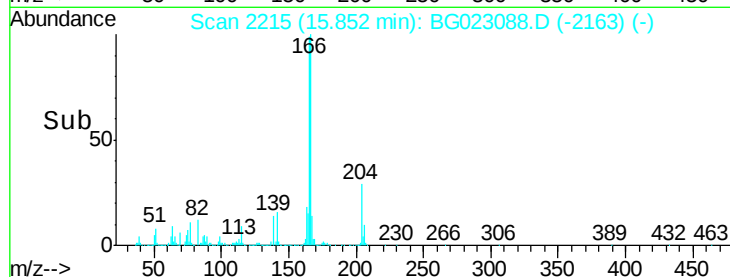
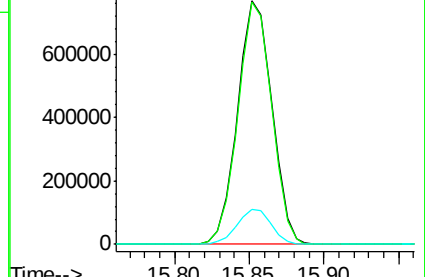
167 14.4 12.0 18.0



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: 38.73 ng

RT: 15.43 min Scan# 2143

Delta R.T. 0.01 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Tgt Ion:232 Resp: 431353

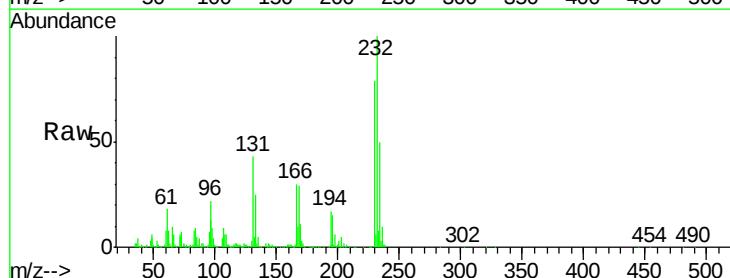
Ion Ratio Lower Upper

232 100

131 41.1 32.7 49.1

130 3.0 2.6 3.8

166 29.6 23.0 34.6

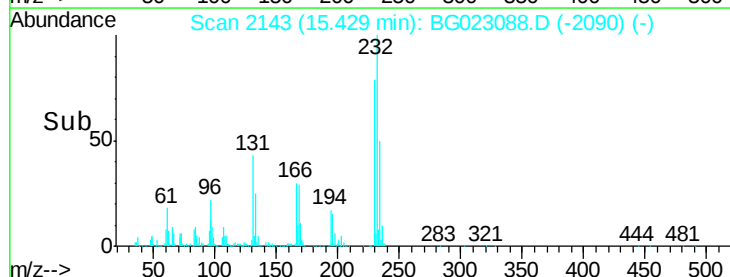
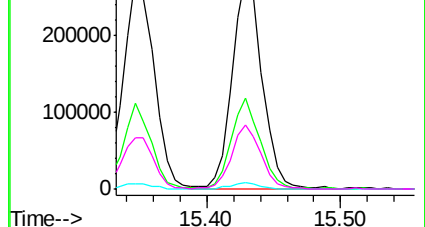


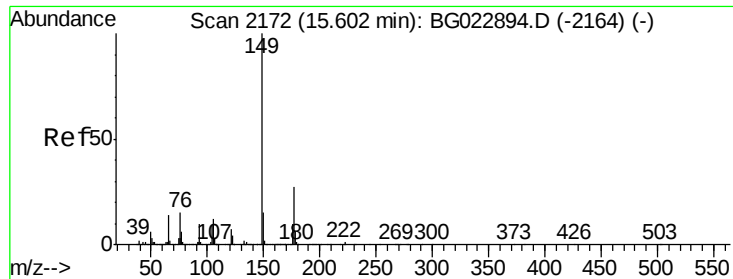
Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.61 ng

RT: 15.61 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Instrument :

BNA_G

ClientSampleId :

PB92093BSD

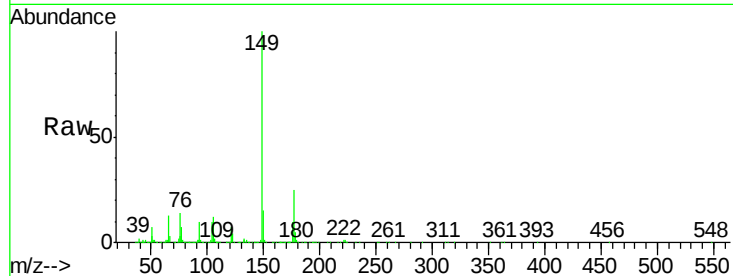
Tot Ion:149 Resp: 1331375

Ion Ratio Lower Upper

149 100

177 25.1 19.2 28.8

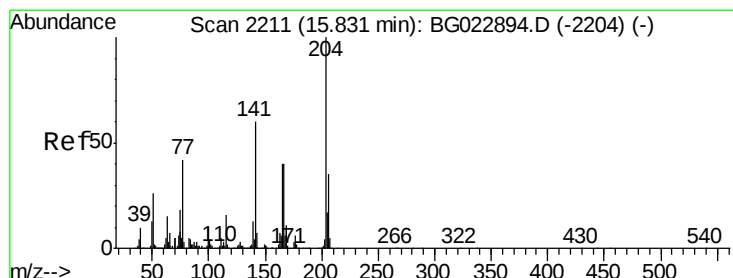
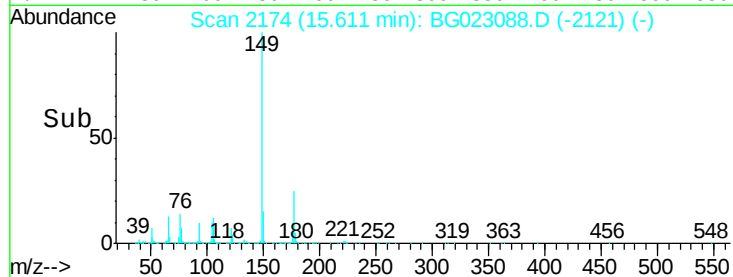
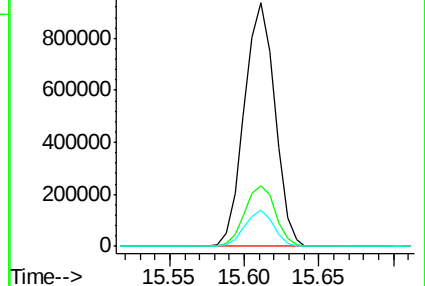
150 14.8 10.6 16.0



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: 35.23 ng

RT: 15.84 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

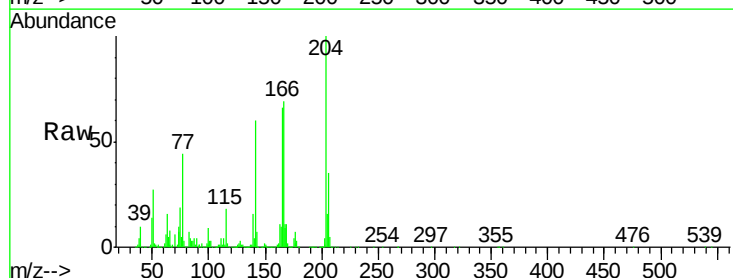
Tgt Ion:204 Resp: 721775

Ion Ratio Lower Upper

204 100

206 35.3 28.5 42.7

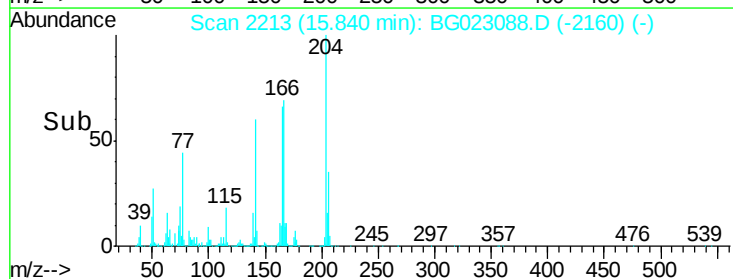
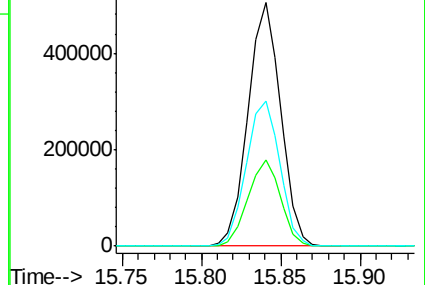
141 59.6 51.4 77.0

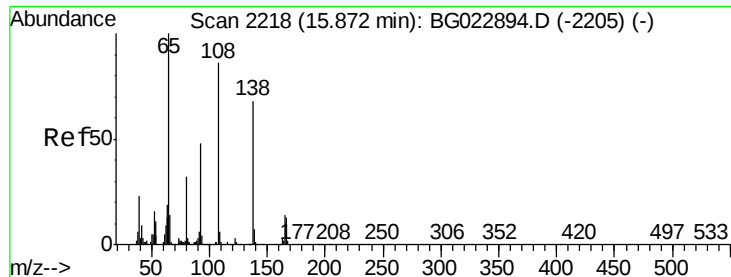


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

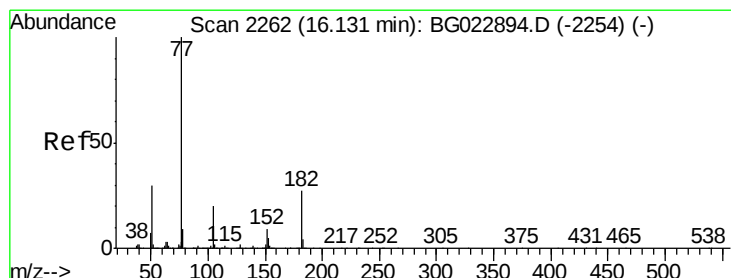
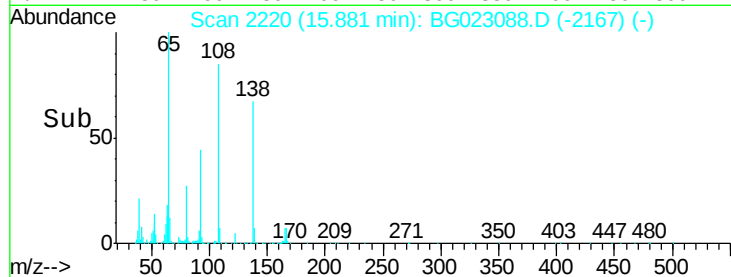
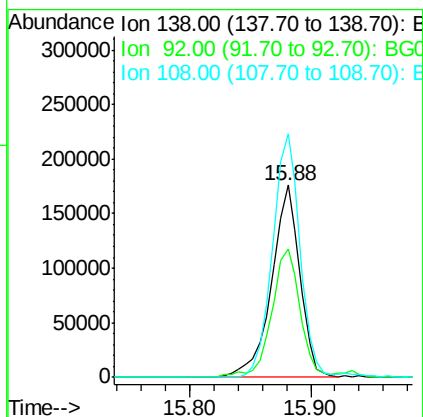
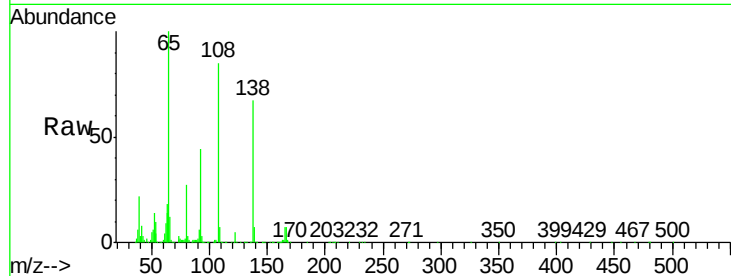




#61
4-Nitroaniline
Concen: 32.97 ng
RT: 15.88 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BG023088.D
Acq: 14 Jul 2016 4:33

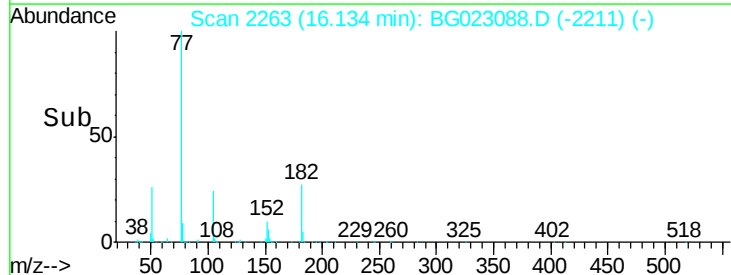
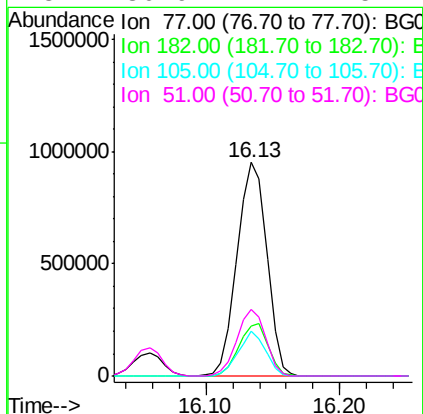
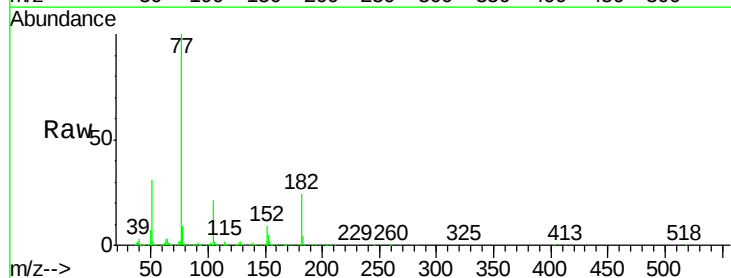
Instrument :
BNA_G
ClientSampleId :
PB92093BSD

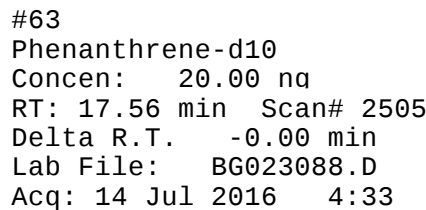
Tot Ion:138 Resp: 285802
Ion Ratio Lower Upper
138 100
92 66.6 54.1 94.1
108 126.8 133.9 173.9#



#62
Azobenzene
Concen: 42.23 ng
RT: 16.13 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BG023088.D
Acq: 14 Jul 2016 4:33

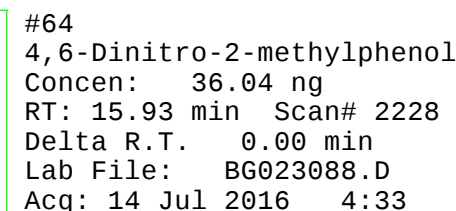
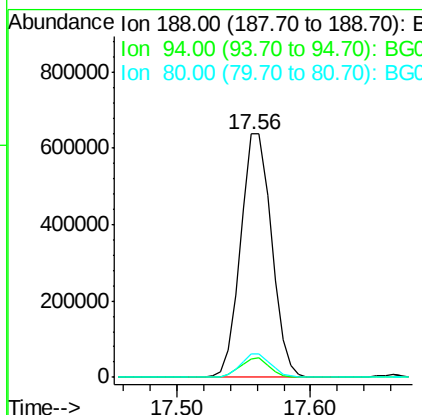
Tgt Ion: 77 Resp: 1469281
Ion Ratio Lower Upper
77 100
182 23.7 3.5 43.5
105 21.0 0.0 38.5
51 30.9 17.1 57.1



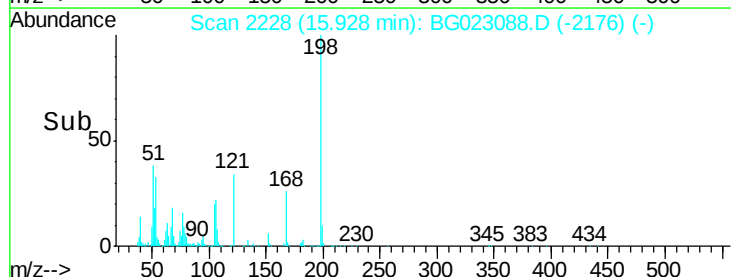
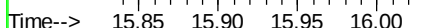
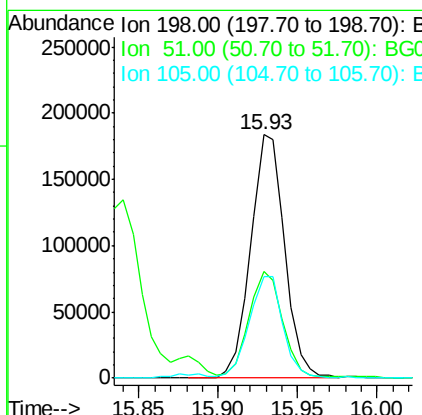


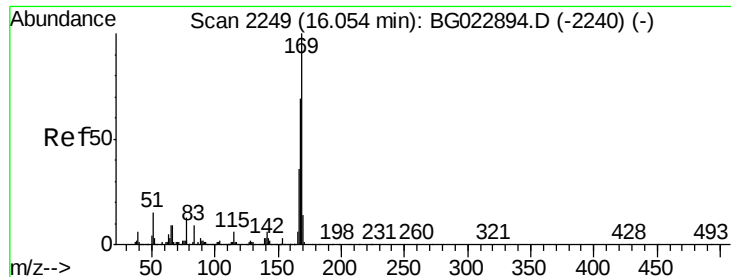
Instrument :
BNA_G
ClientSampleId :
PB92093BSD

Tot	Ion:188	Resp:	1020506
Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.2	7.8
80	9.5	7.2	10.8



Tgt	Ion:198	Resp:	273352
Ion	Ratio	Lower	Upper
198	100		
51	44.0	26.0	66.0
105	41.5	20.1	60.1





#65

n-Nitrosodiphenylamine

Concen: 38.93 ng

RT: 16.06 min Scan# 2250

Delta R.T. 0.00 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Instrument :

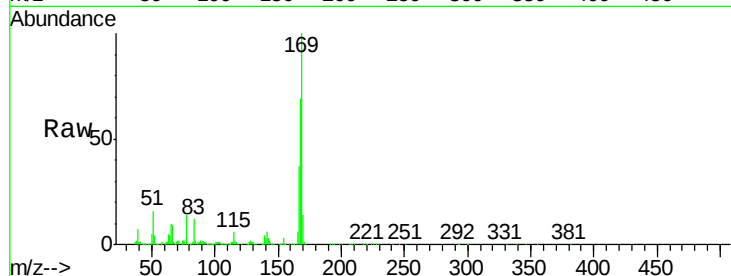
BNA_G

ClientSampleId :

PB92093BSD

Tot Ion:169 Resp: 1144550

Ion	Ratio	Lower	Upper
169	100		
168	68.5	55.0	82.4
167	36.9	27.4	41.0

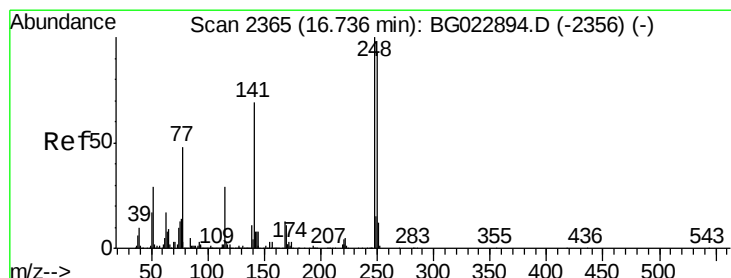
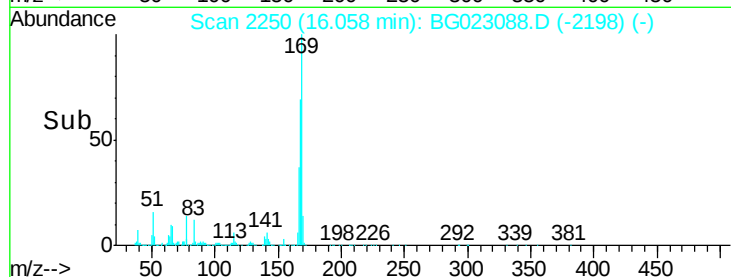
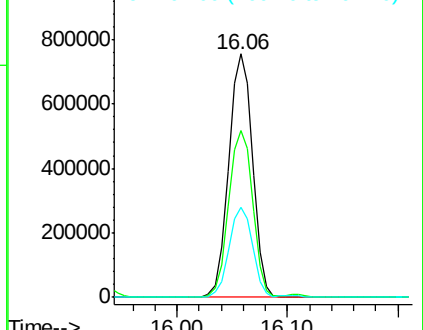


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.36 ng

RT: 16.74 min Scan# 2366

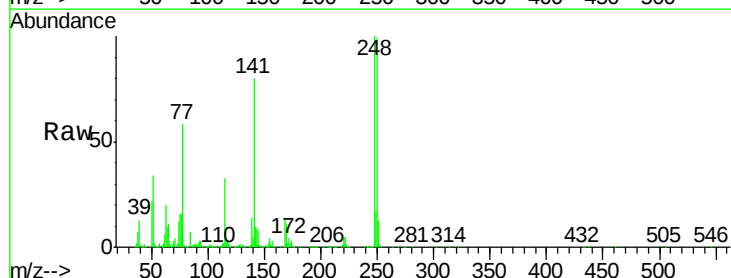
Delta R.T. 0.00 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Tgt Ion:248 Resp: 482741

Ion	Ratio	Lower	Upper
248	100		
250	98.5	77.8	116.8
141	79.6	65.7	98.5

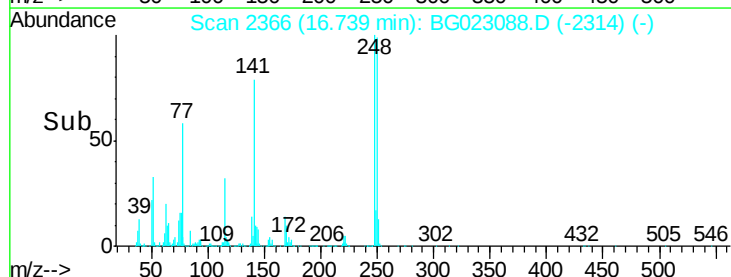
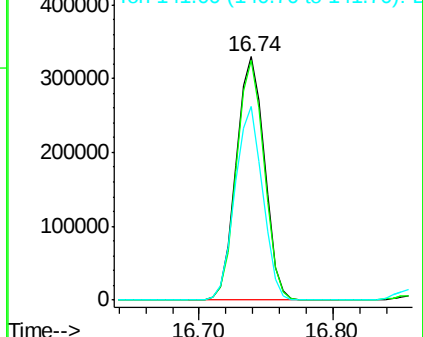


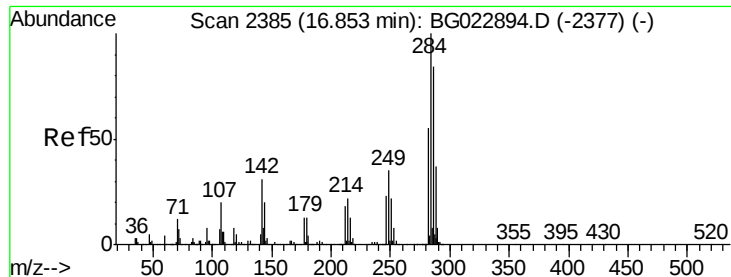
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

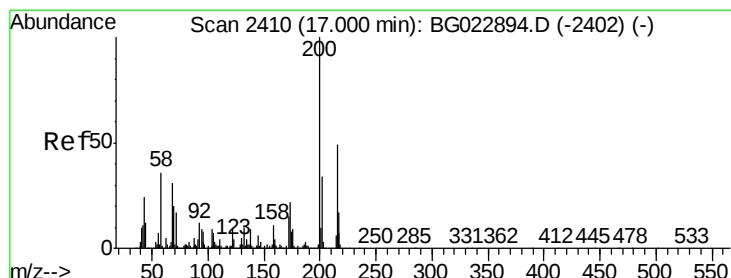
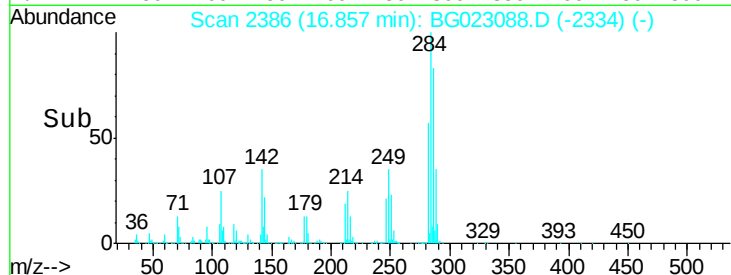
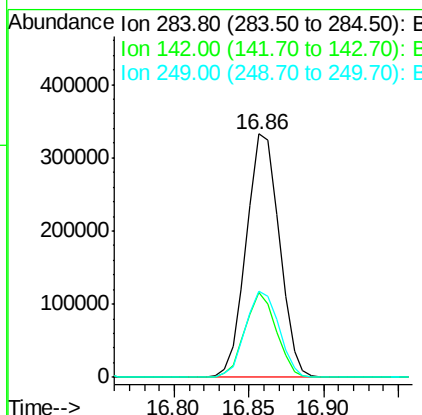
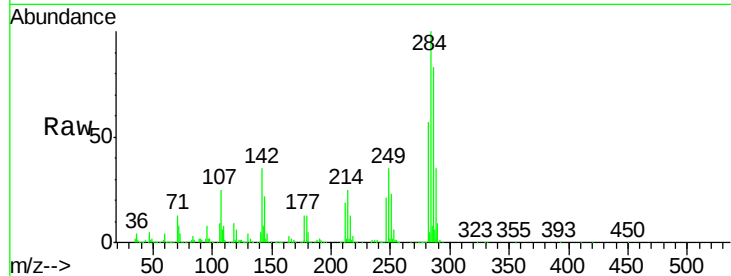




#67
Hexachlorobenzene
Concen: 35.38 ng
RT: 16.86 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BG023088.D
Acq: 14 Jul 2016 4:33

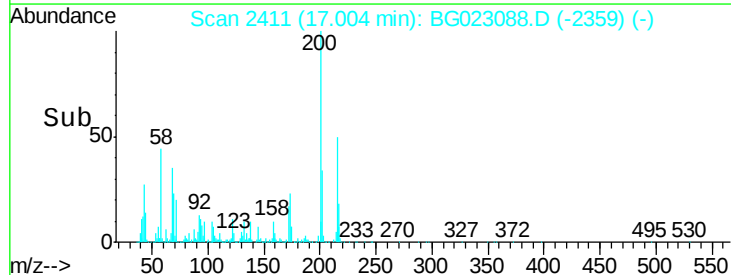
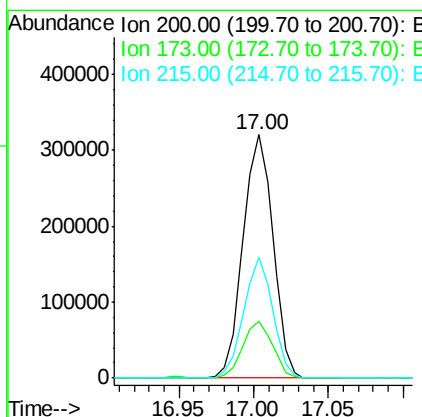
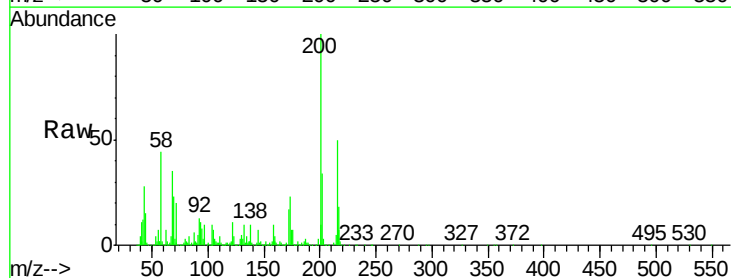
Instrument :
BNA_G
ClientSampleId :
PB92093BSD

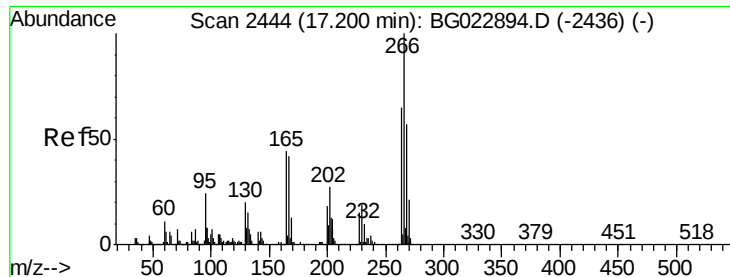
Tot Ion	Ratio	Lower	Upper
284	100		
142	34.8	26.8	40.2
249	35.3	28.9	43.3



#68
Atrazine
Concen: 33.99 ng
RT: 17.00 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BG023088.D
Acq: 14 Jul 2016 4:33

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.5	1.6	41.6
215	49.5	28.7	68.7





#69

Pentachlorophenol

Concen: 67.81 ng

RT: 17.21 min Scan# 2446

Delta R.T. 0.01 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Instrument :

BNA_G

ClientSampleId :

PB92093BSD

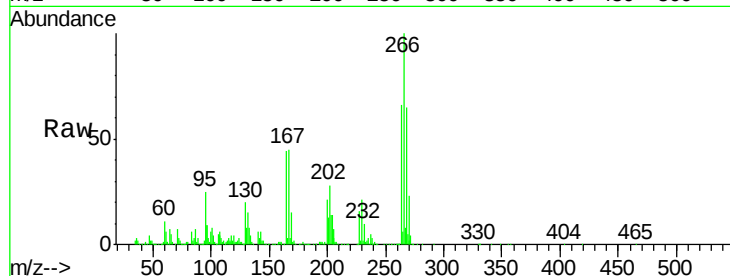
Tot Ion:266 Resp: 633933

Ion Ratio Lower Upper

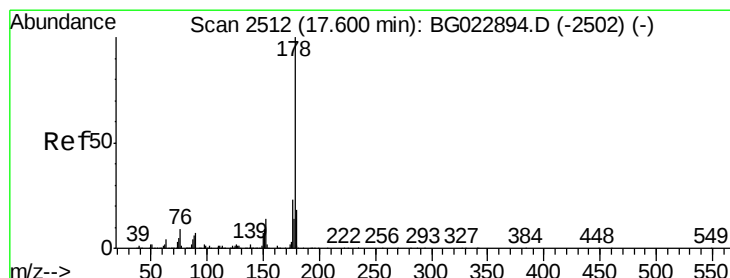
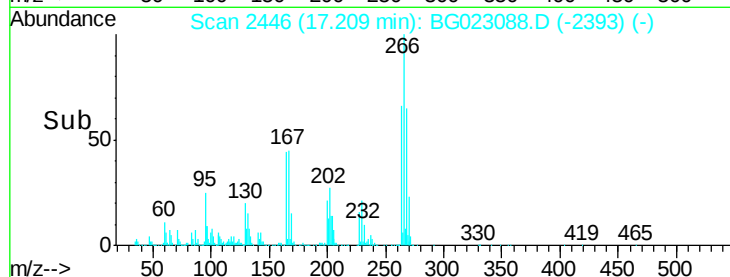
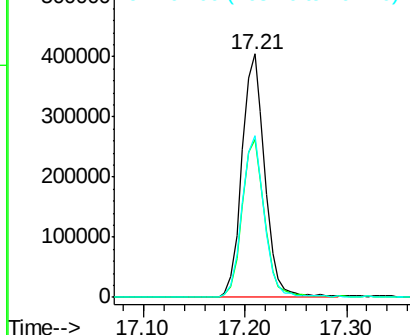
266 100

268 65.0 51.9 77.9

264 66.3 50.6 75.8



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



#70

Phenanthrene

Concen: 38.46 ng

RT: 17.60 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

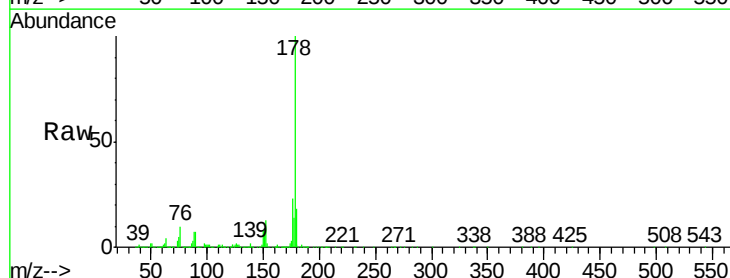
Tgt Ion:178 Resp: 1923606

Ion Ratio Lower Upper

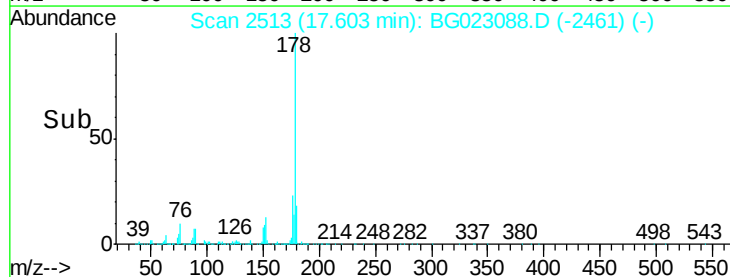
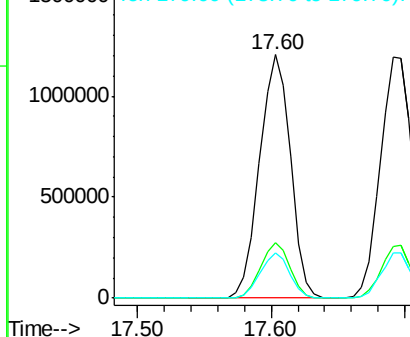
178 100

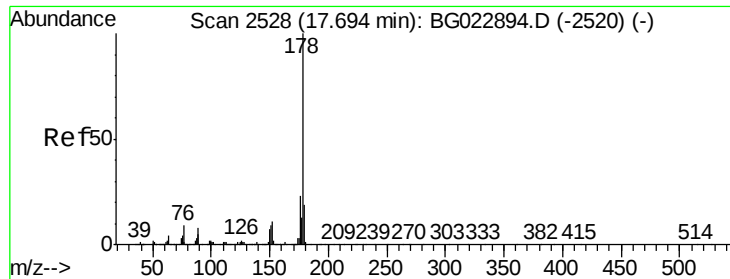
176 22.6 16.8 25.2

179 18.3 14.3 21.5



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

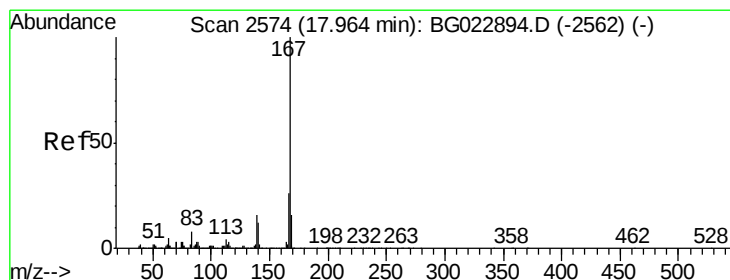
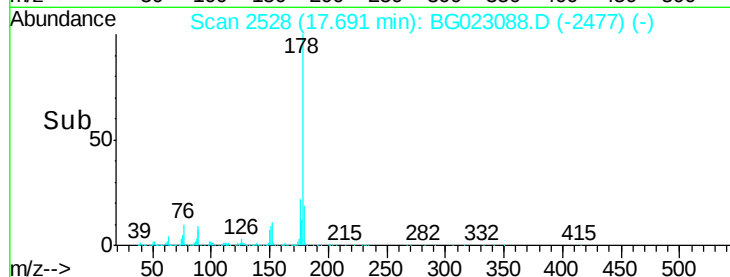
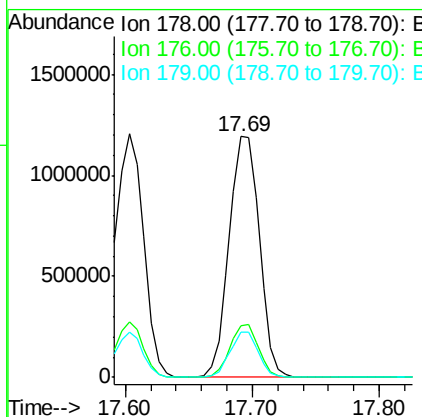
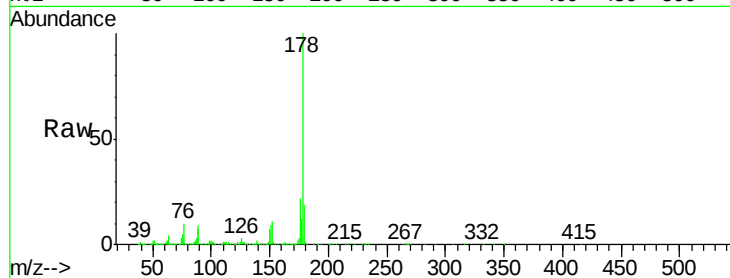




#71
 Anthracene
 Concen: 38.80 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BG023088.D
 Acq: 14 Jul 2016 4:33

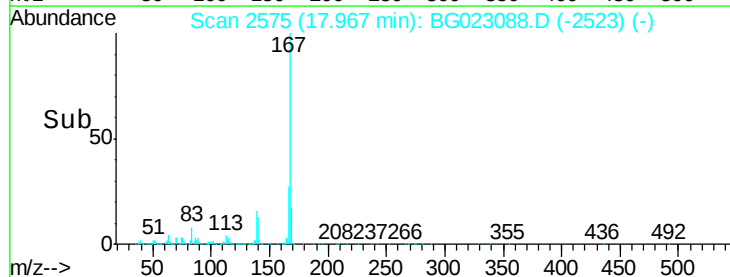
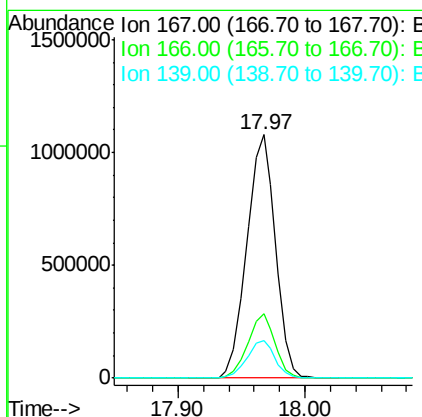
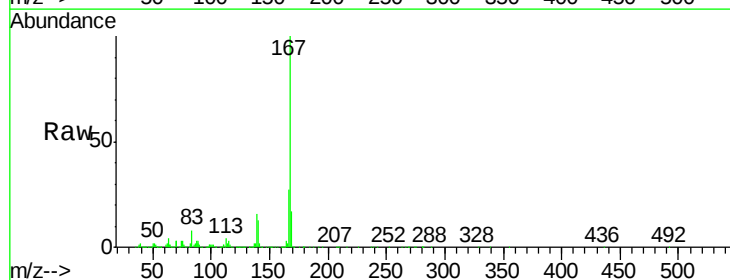
Instrument :
 BNA_G
 ClientSampleId :
 PB92093BSD

Tot Ion:178 Resp: 1964830
 Ion Ratio Lower Upper
 178 100
 176 21.6 17.3 25.9
 179 18.9 14.0 21.0



#72
 Carbazole
 Concen: 38.69 ng
 RT: 17.97 min Scan# 2575
 Delta R.T. 0.00 min
 Lab File: BG023088.D
 Acq: 14 Jul 2016 4:33

Tgt Ion:167 Resp: 1692872
 Ion Ratio Lower Upper
 167 100
 166 26.6 20.7 31.1
 139 15.7 11.9 17.9

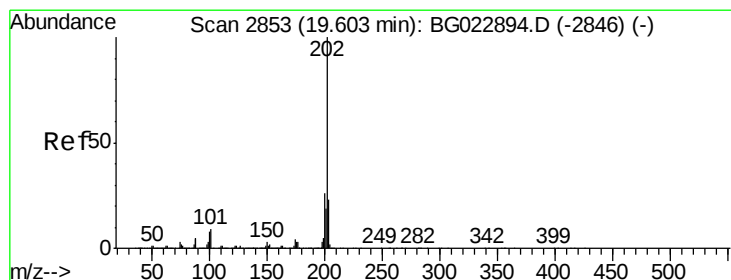
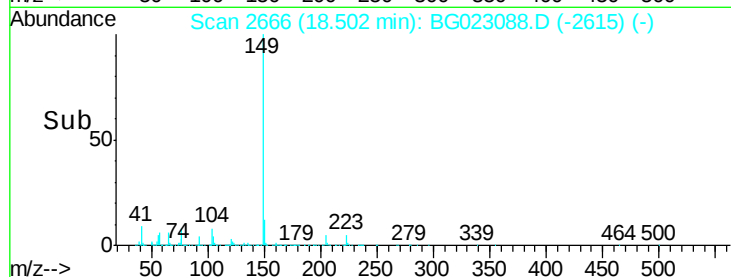
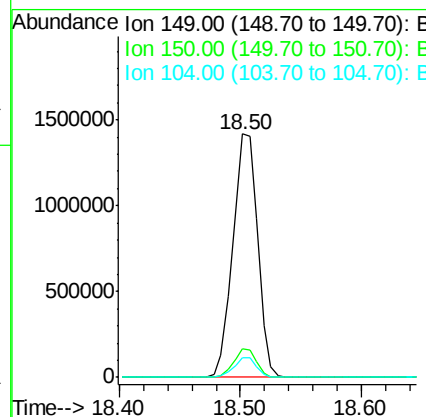
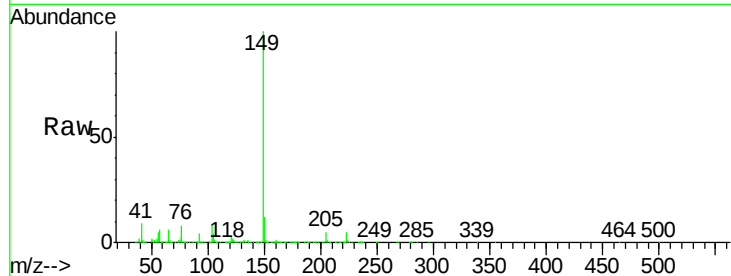




#73
Di-n-butylphthalate
Concen: 41.71 ng
RT: 18.50 min Scan# 2666
Delta R.T. -0.00 min
Lab File: BG023088.D
Acq: 14 Jul 2016 4:33

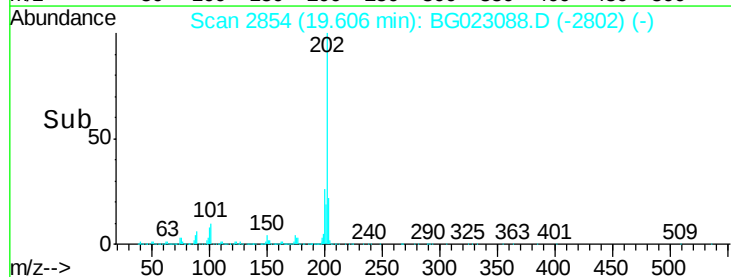
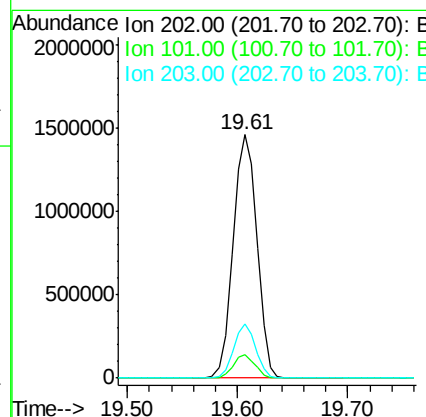
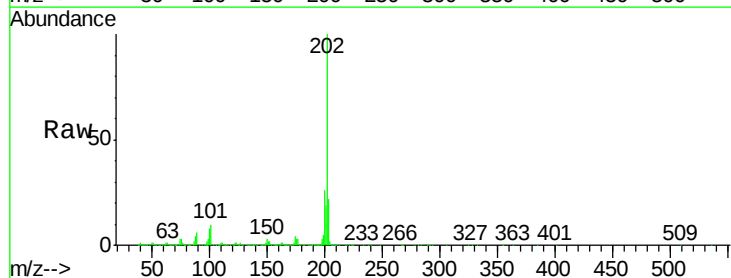
Instrument :
BNA_G
ClientSampleId :
PB92093BSD

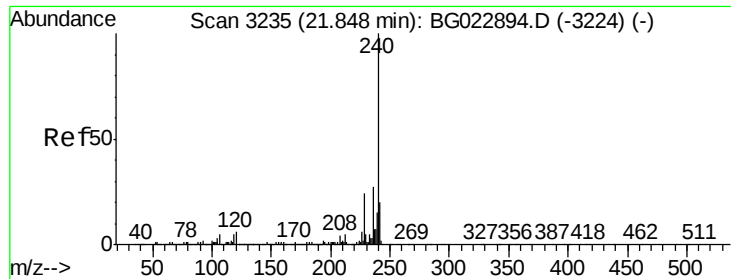
Tot Ion:149 Resp: 2029943
Ion Ratio Lower Upper
149 100
150 11.6 9.1 13.7
104 8.2 6.9 10.3



#74
Fluoranthene
Concen: 35.89 ng
RT: 19.61 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG023088.D
Acq: 14 Jul 2016 4:33

Tgt Ion:202 Resp: 2202453
Ion Ratio Lower Upper
202 100
101 9.7 0.0 27.4
203 22.3 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. 0.02 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Instrument :

BNA_G

ClientSampleId :

PB92093BSD

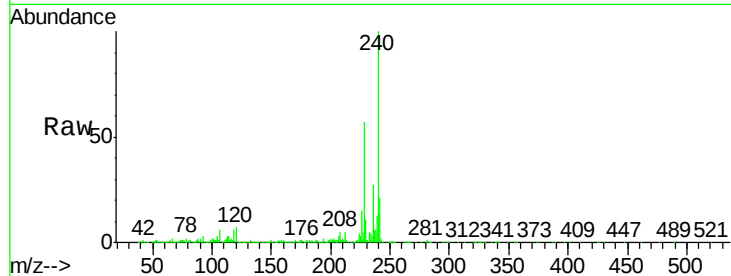
Tot Ion:240 Resp: 1051333

Ion Ratio Lower Upper

240 100

120 6.7 4.1 6.1#

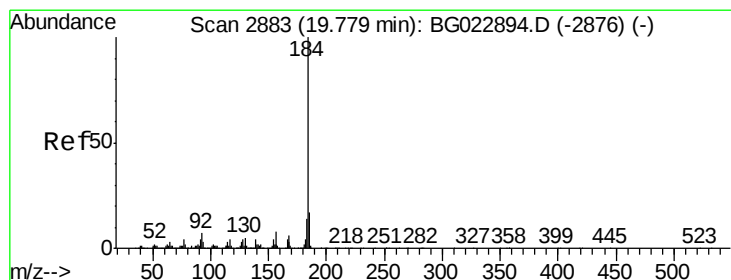
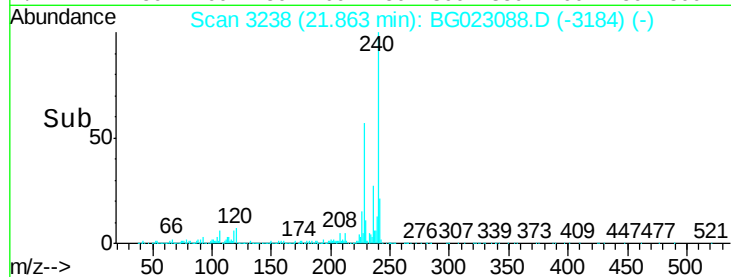
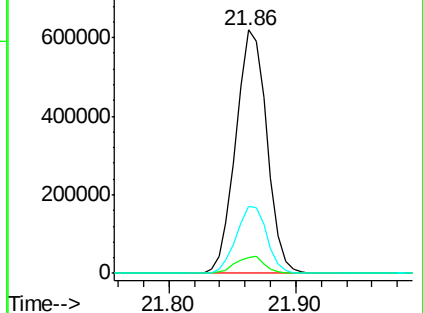
236 27.4 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.46 ng

RT: 19.78 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

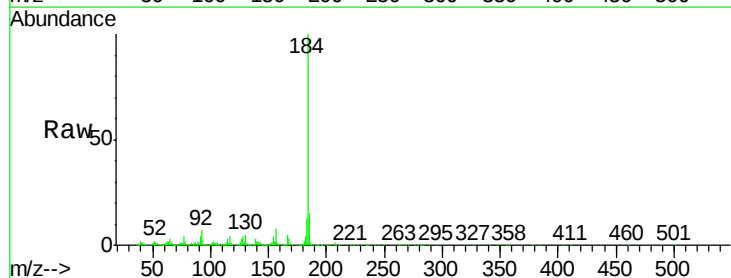
Tgt Ion:184 Resp: 1159327

Ion Ratio Lower Upper

184 100

185 15.3 12.6 19.0

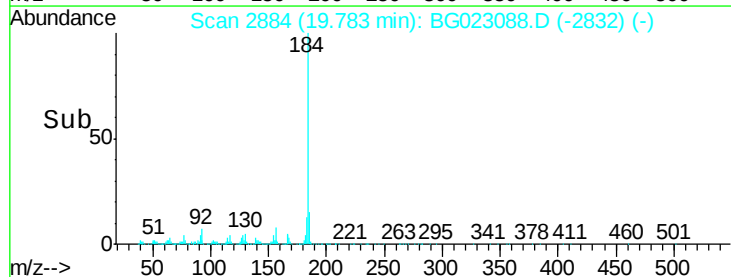
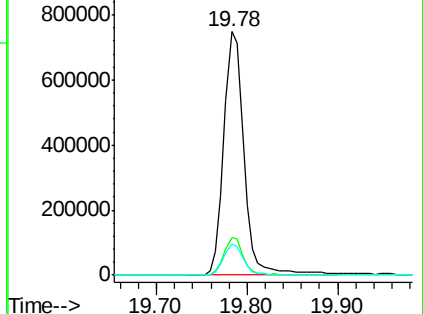
183 13.1 10.7 16.1

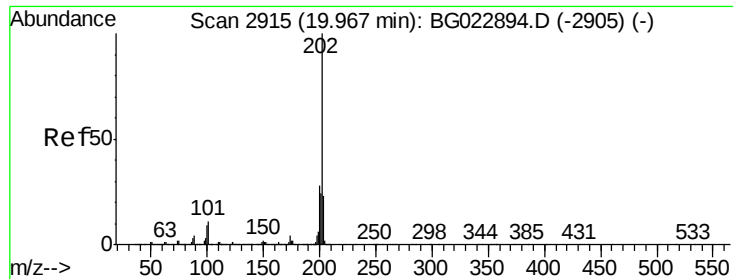


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.40 ng

RT: 19.97 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Instrument :

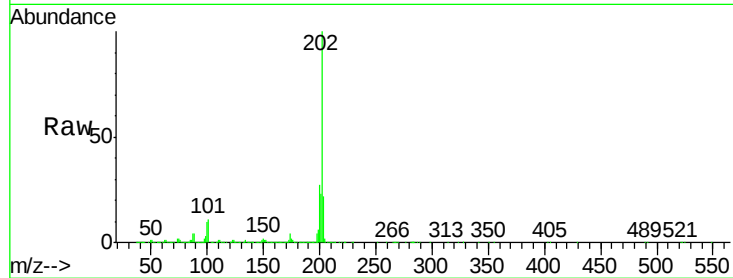
BNA_G

ClientSampleId :

PB92093BSD

Tot Ion:202 Resp: 2209505

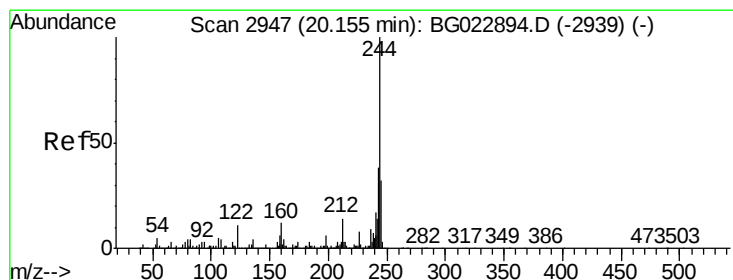
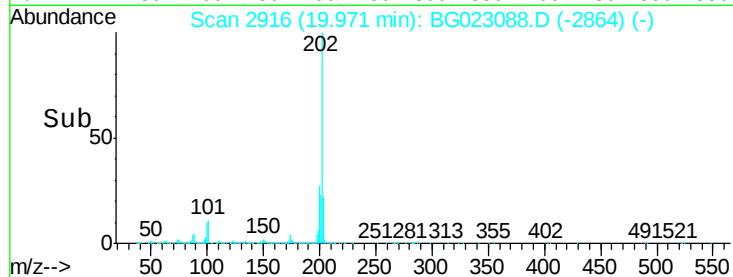
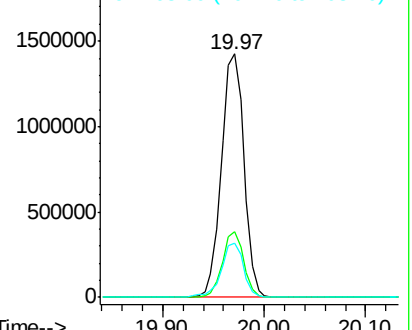
Ion	Ratio	Lower	Upper
202	100		
200	27.1	21.2	31.8
203	22.4	16.8	25.2



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: 81.33 ng

RT: 20.16 min Scan# 2948

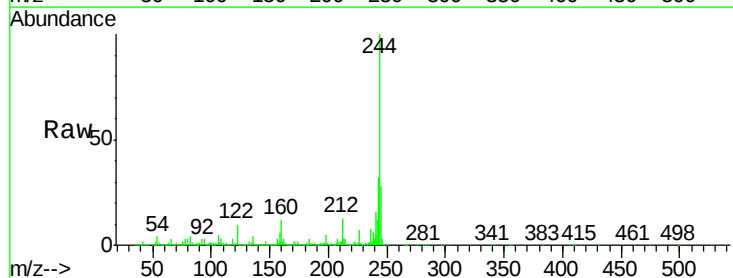
Delta R.T. 0.00 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Tgt Ion:244 Resp: 2740522

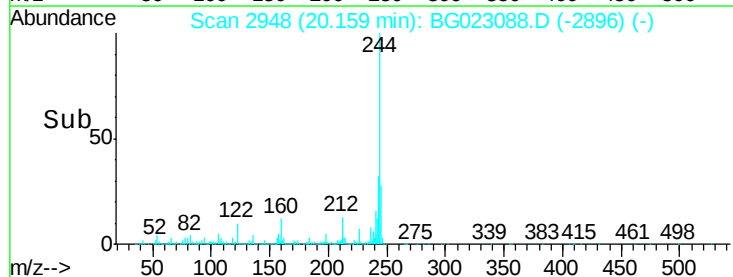
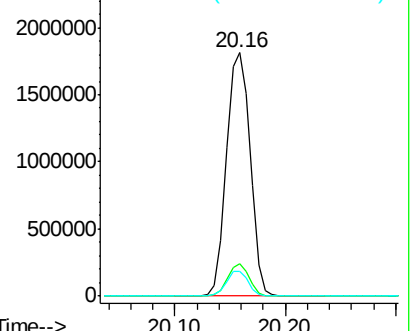
Ion	Ratio	Lower	Upper
244	100		
212	13.2	10.8	16.2
122	10.1	8.0	12.0

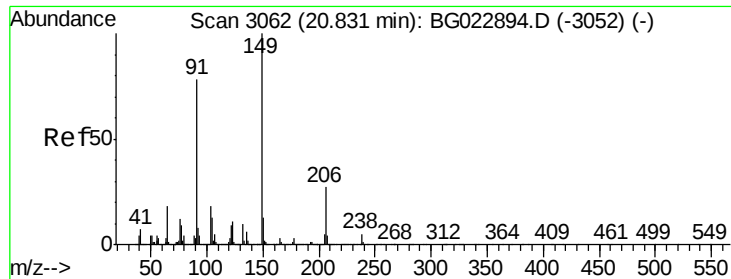


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

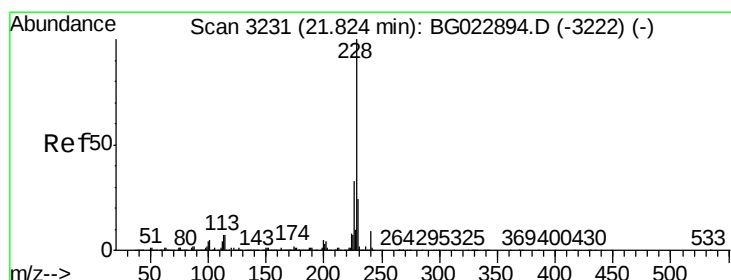
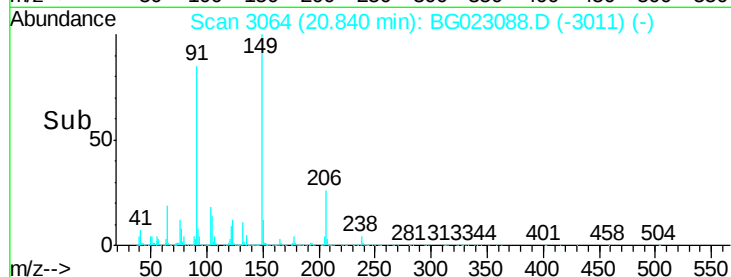
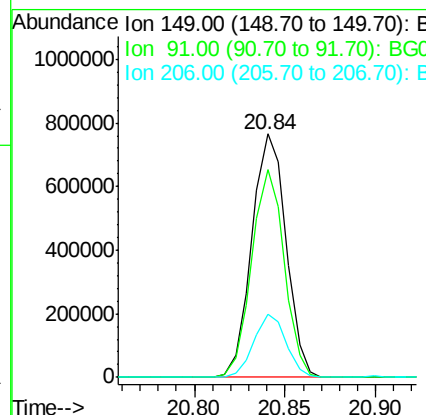
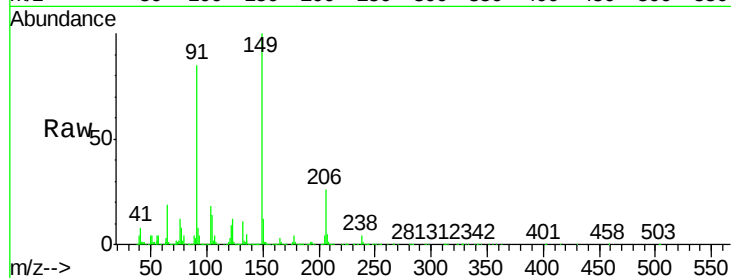




#79
Butylbenzylphthalate
Concen: 42.87 ng
RT: 20.84 min Scan# 3064
Delta R.T. 0.01 min
Lab File: BG023088.D
Acq: 14 Jul 2016 4:33

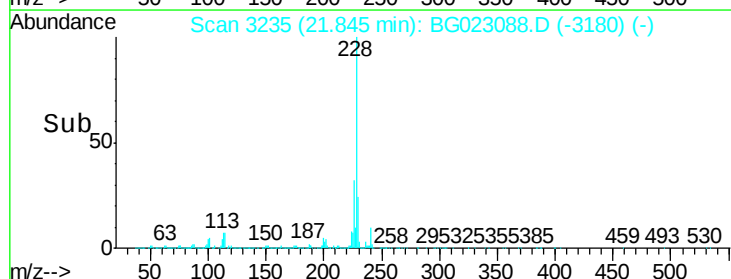
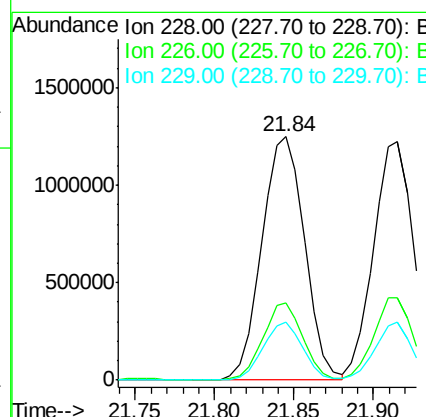
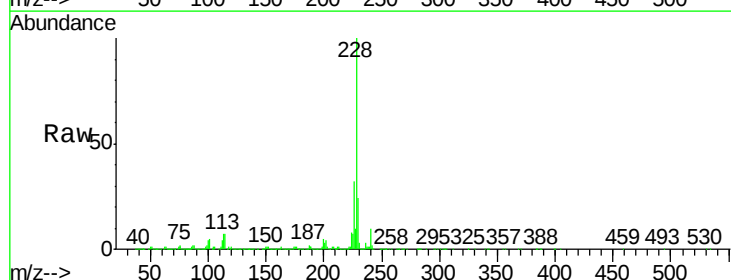
Instrument :
BNA_G
ClientSampleID :
PB92093BSD

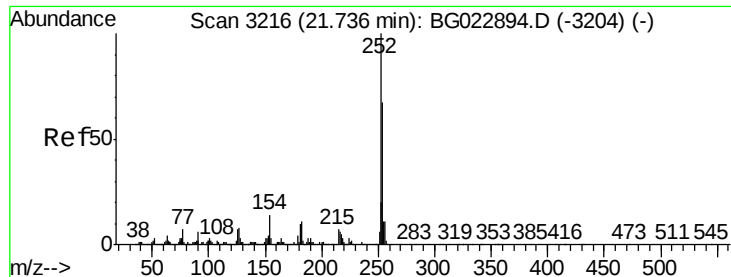
Tot Ion:149 Resp: 1003076
Ion Ratio Lower Upper
149 100
91 85.3 68.1 102.1
206 25.8 19.8 29.6



#80
Benzo(a)anthracene
Concen: 39.64 ng
RT: 21.84 min Scan# 3235
Delta R.T. 0.02 min
Lab File: BG023088.D
Acq: 14 Jul 2016 4:33

Tgt Ion:228 Resp: 2331792
Ion Ratio Lower Upper
228 100
226 31.9 25.3 37.9
229 24.1 19.9 29.9

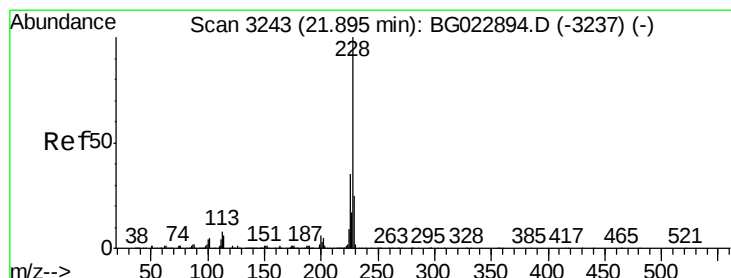
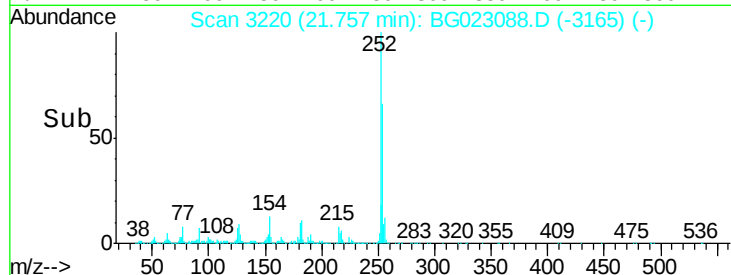
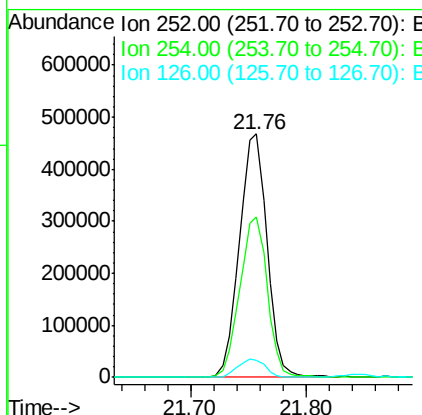
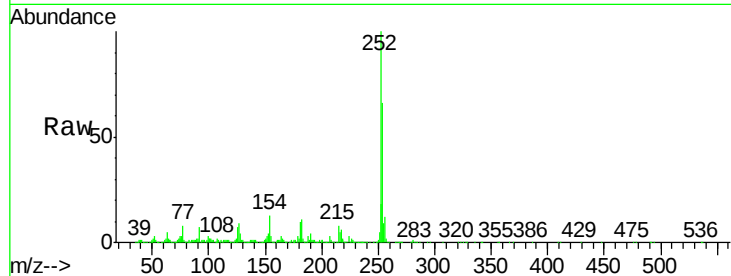




#81
 3,3'-Dichlorobenzidine
 Concen: 30.22 ng
 RT: 21.76 min Scan# 3220
 Delta R.T. 0.02 min
 Lab File: BG023088.D
 Acq: 14 Jul 2016 4:33

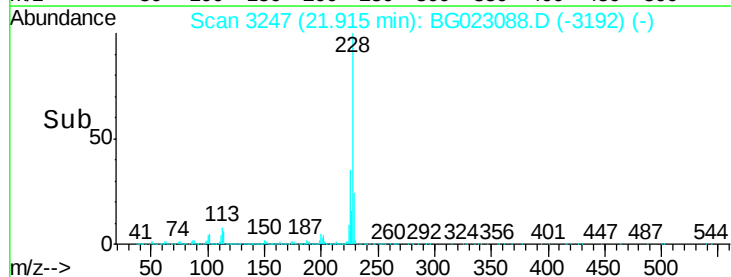
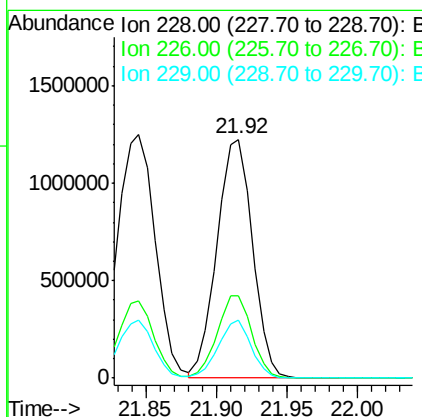
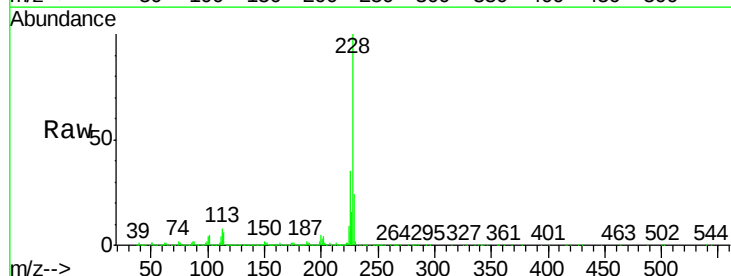
Instrument :
 BNA_G
 ClientSampleId :
 PB92093BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.2	76.8
126	6.9	5.3	7.9



#82
 Chrysene
 Concen: 38.82 ng
 RT: 21.92 min Scan# 3247
 Delta R.T. 0.02 min
 Lab File: BG023088.D
 Acq: 14 Jul 2016 4:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.6	26.7	40.1
229	24.2	17.4	26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.61 ng

RT: 21.72 min Scan# 3214

Delta R.T. 0.02 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Instrument :

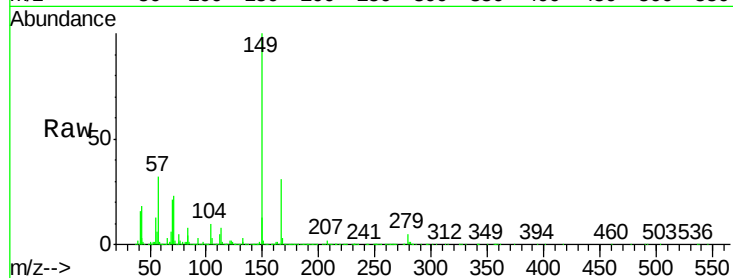
BNA_G

ClientSampleId :

PB92093BSD

Tot Ion:149 Resp: 1352135

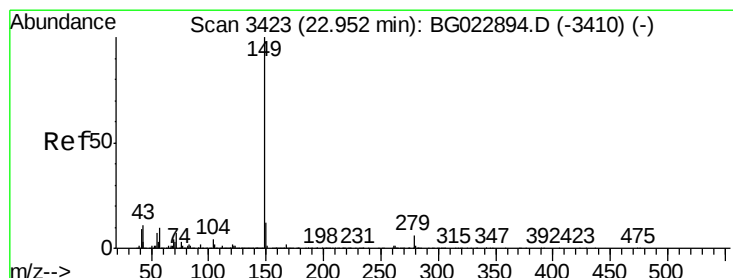
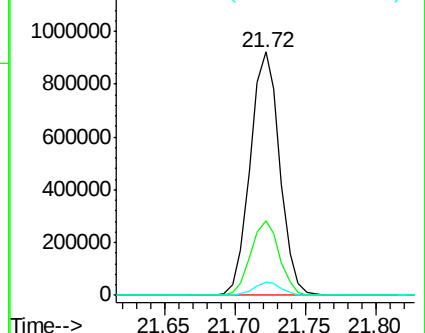
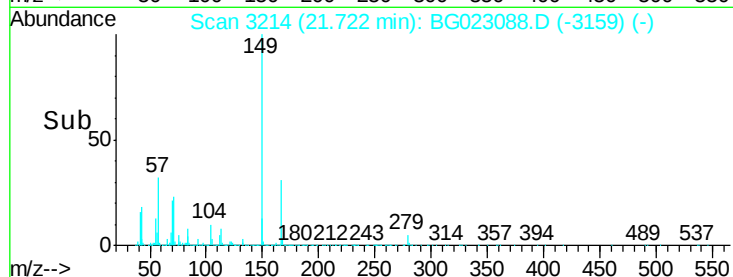
Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.0	36.0
279	5.3	4.8	7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.57 ng

RT: 22.98 min Scan# 3429

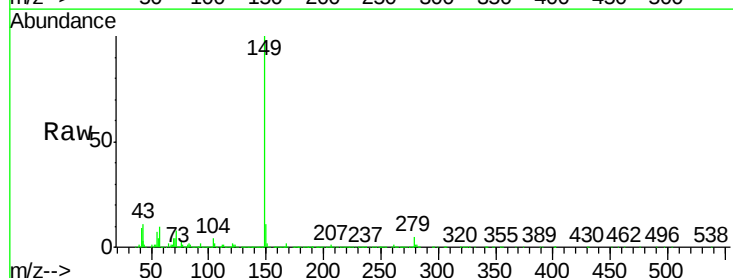
Delta R.T. 0.03 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Tgt Ion:149 Resp: 2252712

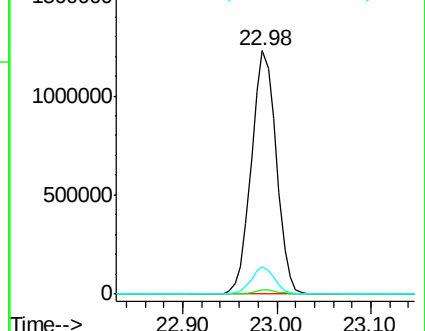
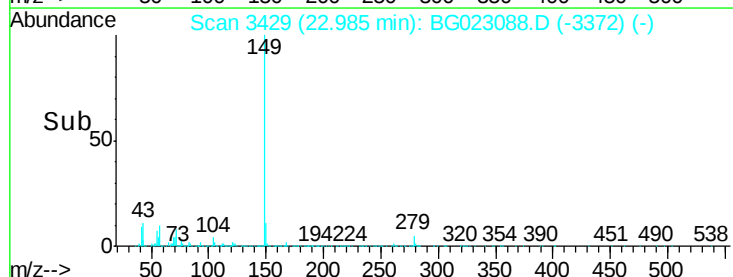
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	10.5	8.8	13.2

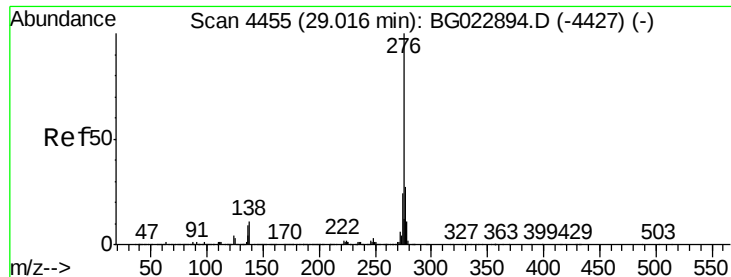


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO



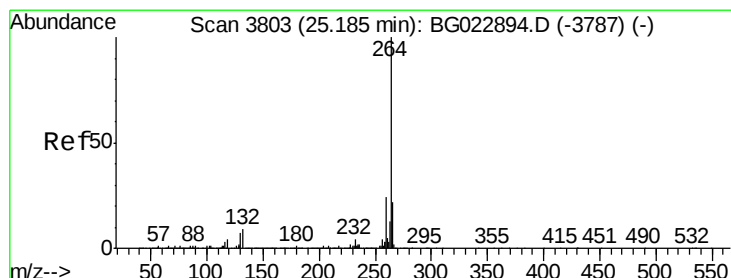
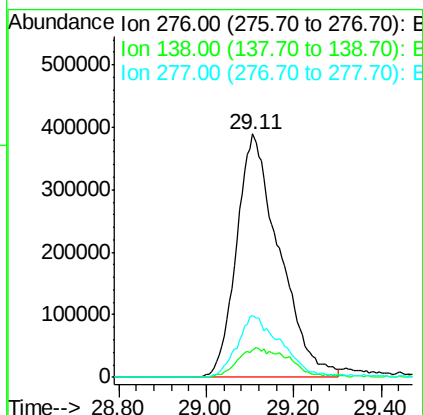
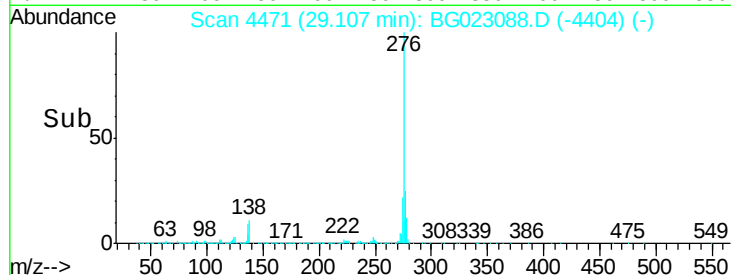
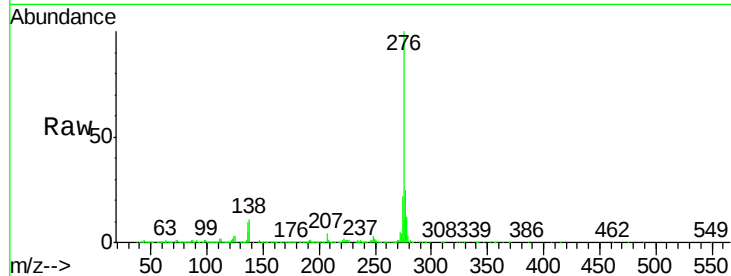


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.65 ng
 RT: 29.11 min Scan# 4471
 Delta R.T. 0.09 min
 Lab File: BG023088.D
 Acq: 14 Jul 2016 4:33

Instrument :
 BNA_G
 ClientSampleId :
 PB92093BSD

Tot Ion:276 Resp: 2578686

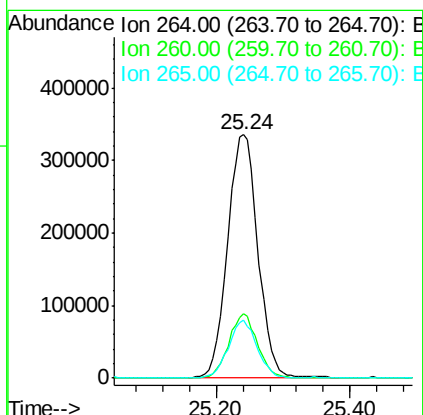
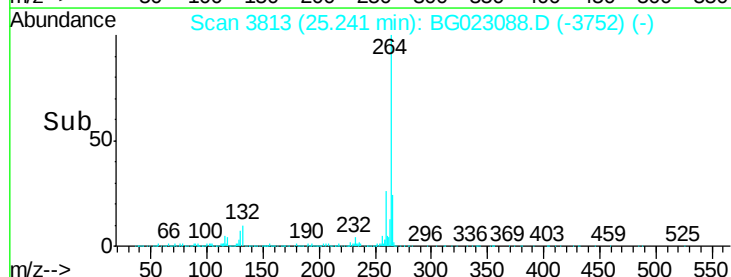
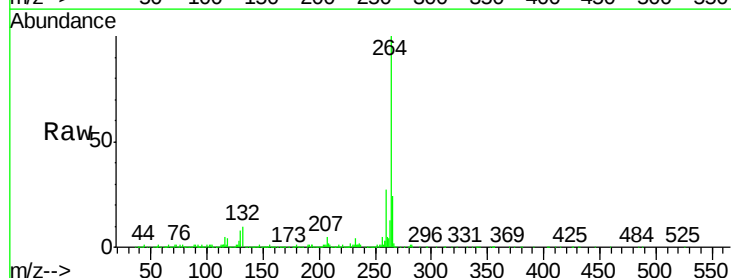
Ion	Ratio	Lower	Upper
276	100		
138	14.1	0.0	0.0#
277	26.0	0.0	0.0#

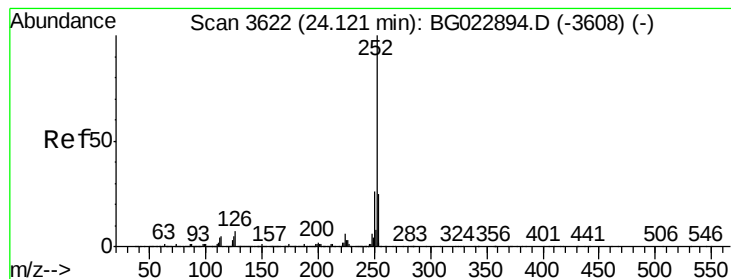


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.24 min Scan# 3813
 Delta R.T. 0.06 min
 Lab File: BG023088.D
 Acq: 14 Jul 2016 4:33

Tgt Ion:264 Resp: 1065043

Ion	Ratio	Lower	Upper
264	100		
260	26.5	18.4	27.6
265	24.1	18.9	28.3





#87

Benzo(b)fluoranthene

Concen: 40.05 ng

RT: 24.17 min Scan# 3630

Delta R.T. 0.04 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Instrument :

BNA_G

ClientSampleId :

PB92093BSD

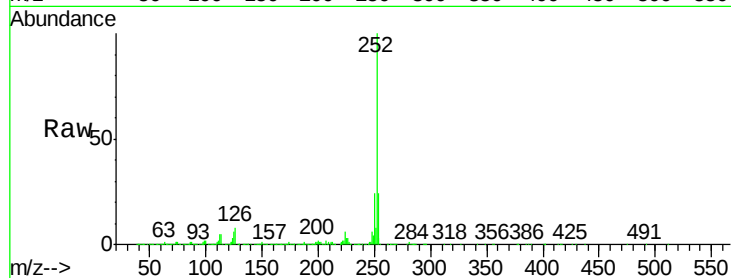
Tot Ion:252 Resp: 2460962

Ion Ratio Lower Upper

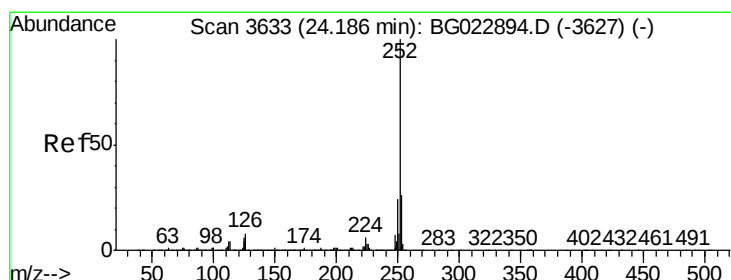
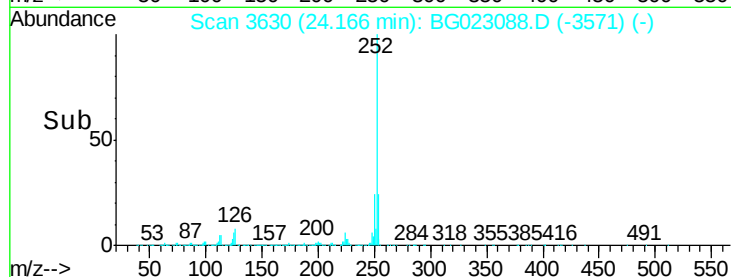
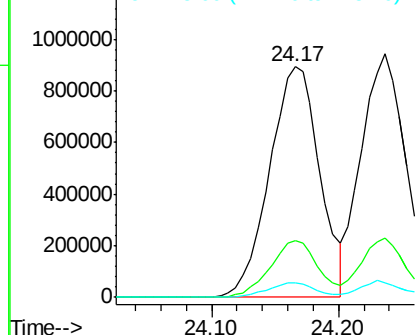
252 100

253 24.5 18.9 28.3

125 6.1 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.49 ng

RT: 24.24 min Scan# 3642

Delta R.T. 0.05 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

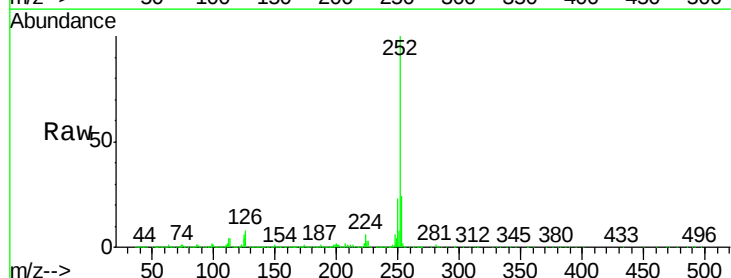
Tgt Ion:252 Resp: 2302471

Ion Ratio Lower Upper

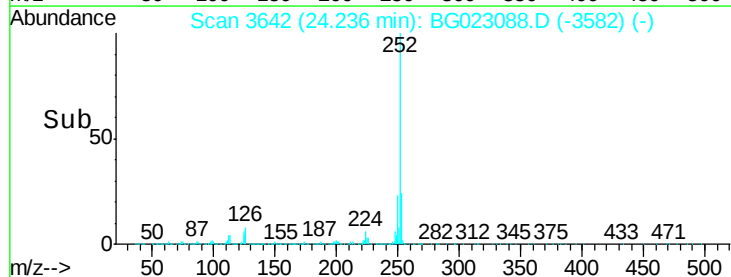
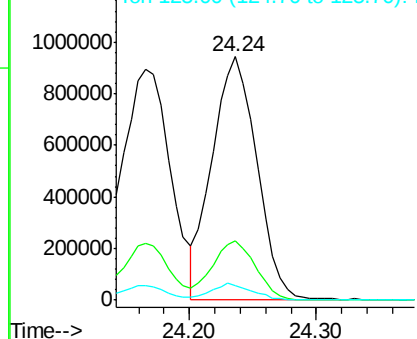
252 100

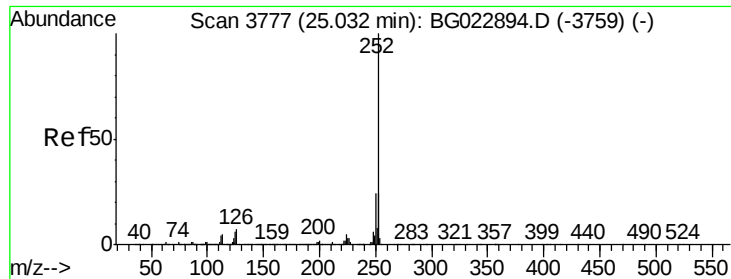
253 24.2 18.8 28.2

125 6.1 3.2 4.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.10 ng

RT: 25.08 min Scan# 3786

Delta R.T. 0.05 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Instrument :

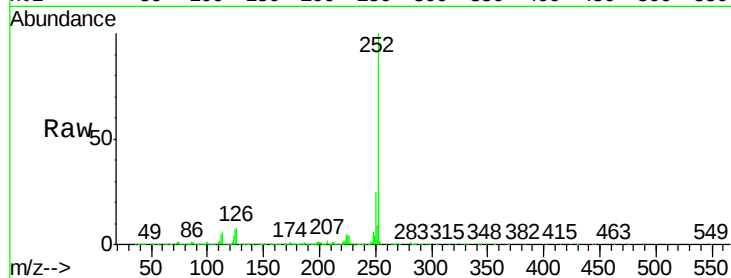
BNA_G

ClientSampleId :

PB92093BSD

Tot Ion:252 Resp: 2362029

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.7	28.1
125	6.7	3.9	5.9

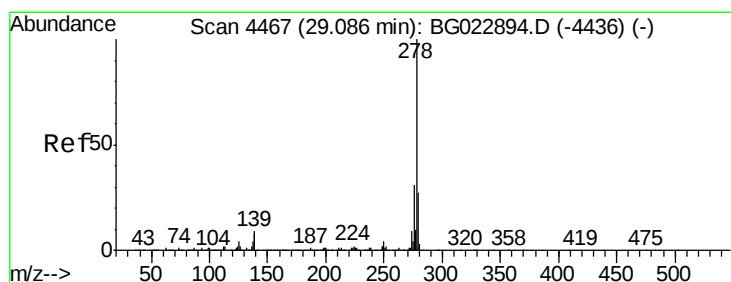
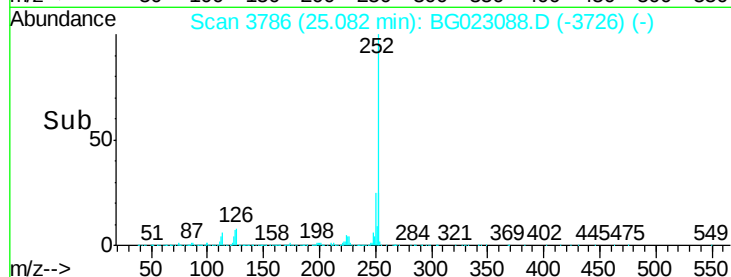
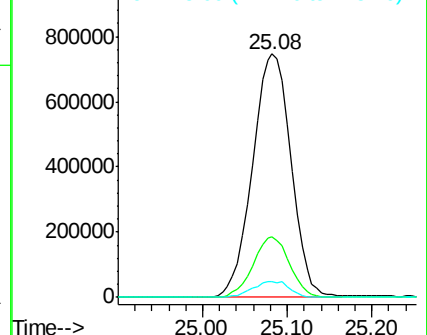


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.27 ng

RT: 29.17 min Scan# 4482

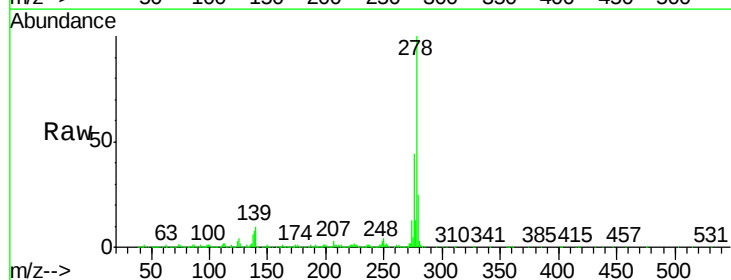
Delta R.T. 0.09 min

Lab File: BG023088.D

Acq: 14 Jul 2016 4:33

Tgt Ion:278 Resp: 2120283

Ion	Ratio	Lower	Upper
278	100		
139	9.7	4.7	7.1
279	24.9	18.3	27.5

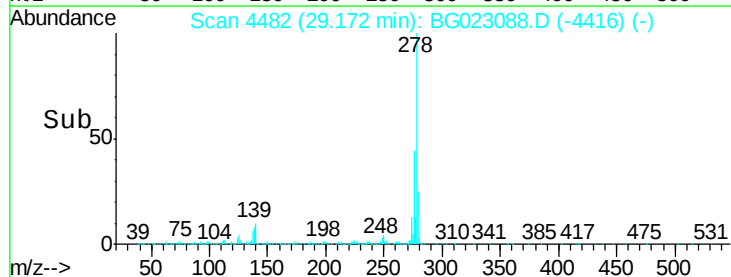
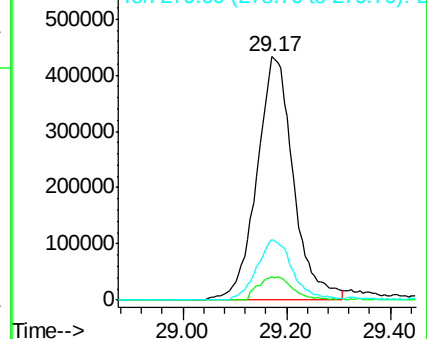


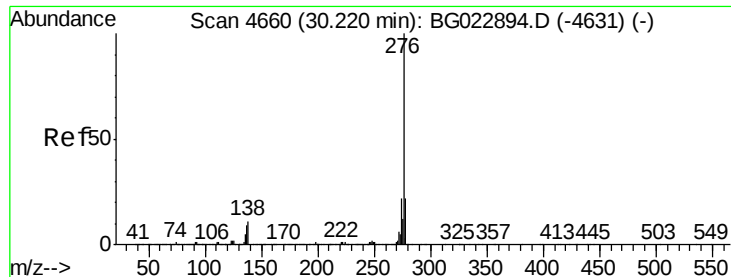
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 34.65 ng
 RT: 30.32 min Scan# 4678
 Delta R.T. 0.10 min
 Lab File: BG023088.D
 Acq: 14 Jul 2016 4:33

Instrument :
 BNA_G
 ClientSampleId :
 PB92093BSD

Tot Ion:276 Resp: 2028418

Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.6	27.8
138	12.3	6.8	10.2

