

Data Path : Z:\HPCHEM1\BNA G\Data\BG092616\
 Data File : BG024136.D
 Acq On : 26 Sep 2016 10:56
 Operator : UM/SJ
 Sample : PB93572BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 26 14:52:28 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	50696	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	244075	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	200054	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	462965	20.00	ng	0.00
75) Chrysene-d12	21.79	240	459388	20.00	ng	0.00
86) Perylene-d12	25.12	264	453361	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	536592	183.37	ng	0.00
7) Phenol-d6	7.21	99	816232	165.77	ng	0.00
23) Nitrobenzene-d5	9.22	82	576688	93.12	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	385976	134.23	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1155941	97.13	ng	0.00
78) Terphenyl-d14	20.09	244	1790651	79.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	48075	42.92	ng	92
3) Pyridine	3.84	79	168461	42.56	ng	90
4) n-Nitrosodimethylamine	3.76	42	89885	44.80	ng	# 86
6) Aniline	7.36	93	218473	31.59	ng	98
8) 2-Chlorophenol	7.60	128	187309	53.47	ng	98
9) Benzaldehyde	7.19	77	27761	10.35	ng	# 86
10) Phenol	7.24	94	291438	56.30	ng	92
11) bis(2-Chloroethyl)ether	7.45	93	196842	48.22	ng	93
12) 1,3-Dichlorobenzene	7.93	146	185858	47.58	ng	98
13) 1,4-Dichlorobenzene	8.07	146	193547	48.55	ng	95
14) 1,2-Dichlorobenzene	8.40	146	186816	48.15	ng	94
15) Benzyl Alcohol	8.29	79	234509	49.21	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	271370	48.15	ng	93
17) 2-Methylphenol	8.50	107	190500	55.36	ng	91
18) Hexachloroethane	9.12	117	80247	47.78	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	217361	44.95	ng	97
20) 3+4-Methylphenols	8.84	107	265915	53.20	ng	94
22) Acetophenone	8.88	105	302589	42.97	ng	# 96
24) Nitrobenzene	9.26	77	318614	48.00	ng	98
25) Isophorone	9.78	82	560937	44.41	ng	97
26) 2-Nitrophenol	9.98	139	117405	49.86	ng	# 88
27) 2,4-Dimethylphenol	10.04	122	206601	52.47	ng	93
28) bis(2-Chloroethoxy)methane	10.26	93	306355	49.88	ng	99
29) 2,4-Dichlorophenol	10.53	162	228465	55.75	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	214500	48.91	ng	98
31) Naphthalene	10.92	128	617335	49.93	ng	99
32) Benzoic acid	10.23	122	102572	34.93	ng	98
33) 4-Chloroaniline	11.05	127	97453	17.66	ng	95
34) Hexachlorobutadiene	11.19	225	156881	45.44	ng	96
35) Caprolactam	11.84	113	38689	23.21	ng	95
36) 4-Chloro-3-methylphenol	12.18	107	290444	50.37	ng	98
37) 2-Methylnaphthalene	12.53	142	475419	50.21	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	246287	42.17	ng	99
40) Hexachlorocyclopentadiene	12.87	237	239306	84.17	ng	100

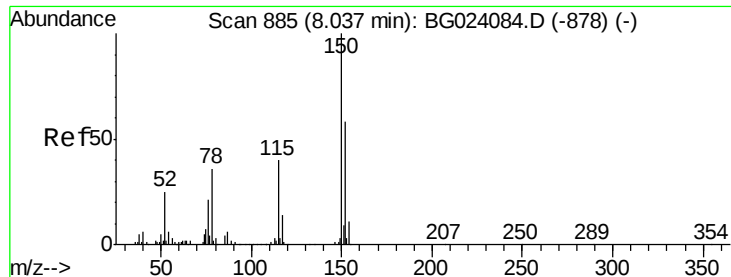
Data Path : Z:\HPCHEM1\BNA G\Data\BG092616\
 Data File : BG024136.D
 Acq On : 26 Sep 2016 10:56
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 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	192678	51.01	nq	98
43) 2,4,5-Trichlorophenol	13.24	196	194431	50.02	nq	# 92
45) 1,1'-Biphenyl	13.54	154	599812	43.84	nq	98
46) 2-Chloronaphthalene	13.59	162	524326	51.33	nq	99
47) 2-Nitroaniline	13.81	65	237273	49.92	nq	95
48) Acenaphthylene	14.44	152	855048	49.31	nq	98
49) Dimethylphthalate	14.16	163	763554	49.75	nq	98
50) 2,6-Dinitrotoluene	14.30	165	166720	51.71	nq	97
51) Acenaphthene	14.78	154	538110	51.17	nq	98
52) 3-Nitroaniline	14.64	138	102729	31.91	nq	# 87
53) 2,4-Dinitrophenol	14.86	184	173567	74.99	nq	87
54) Dibenzofuran	15.12	168	885062	54.05	nq	99
55) 4-Nitrophenol	14.98	139	213804	83.38	nq	90
56) 2,4-Dinitrotoluene	15.10	165	247274	50.41	nq	92
57) Fluorene	15.77	166	717634	50.35	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	202797	54.03	nq	91
59) Diethylphthalate	15.53	149	829436	50.19	nq	99
60) 4-Chlorophenyl-phenylether	15.76	204	378439	49.56	nq	98
61) 4-Nitroaniline	15.82	138	150890	45.24	nq	# 83
62) Azobenzene	16.05	77	894973	53.30	nq	93
64) 4,6-Dinitro-2-methylphenol	15.87	198	142502	44.33	nq	89
65) n-Nitrosodiphenylamine	15.98	169	656821	51.86	nq	93
66) 4-Bromophenyl-phenylether	16.65	248	268825	50.06	nq	97
67) Hexachlorobenzene	16.78	284	276212	45.65	nq	98
68) Atrazine	16.93	200	275885	49.35	nq	95
69) Pentachlorophenol	17.14	266	245626	78.40	nq	99
70) Phenanthrene	17.52	178	1218159	51.66	nq	98
71) Anthracene	17.62	178	1229771	50.77	nq	98
72) Carbazole	17.89	167	1078131	47.81	nq	98
73) Di-n-butylphthalate	18.43	149	1345483	45.59	nq	97
74) Fluoranthene	19.54	202	1415309	45.97	nq	96
76) Benzidine	19.73	184	228904	17.60	nq	97
77) Pyrene	19.90	202	1383436	43.13	nq	95
79) Butylbenzylphthalate	20.77	149	582802	49.34	nq	98
80) Benzo(a)anthracene	21.77	228	1339203	51.21	nq	95
81) 3,3'-Dichlorobenzidine	21.68	252	304994	32.54	nq	# 96
82) Chrysene	21.84	228	1249184	50.82	nq	99
83) Bis(2-ethylhexyl)phthalate	21.64	149	810210	57.41	nq	# 95
84) Di-n-octyl phthalate	22.88	149	1393151	57.21	nq	99
85) Indeno(1,2,3-cd)pyrene	28.94	276	1547226	56.44	nq	# 100
87) Benzo(b)fluoranthene	24.06	252	1343402	50.93	nq	# 97
88) Benzo(k)fluoranthene	24.13	252	1330217	50.78	nq	# 98
89) Benzo(a)pyrene	24.96	252	1309330	51.35	nq	# 97
90) Dibenzo(a,h)anthracene	29.00	278	1274435	50.05	nq	# 96
91) Benzo(g,h,i)perylene	30.14	276	1292514	50.39	nq	# 95

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

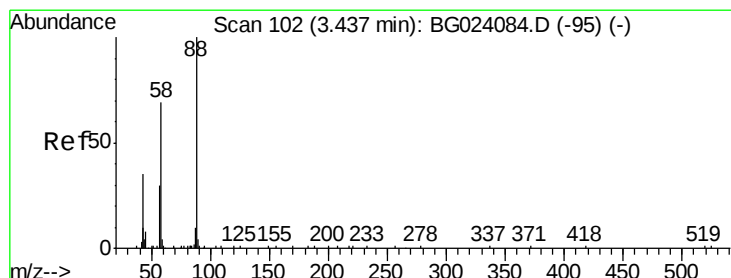
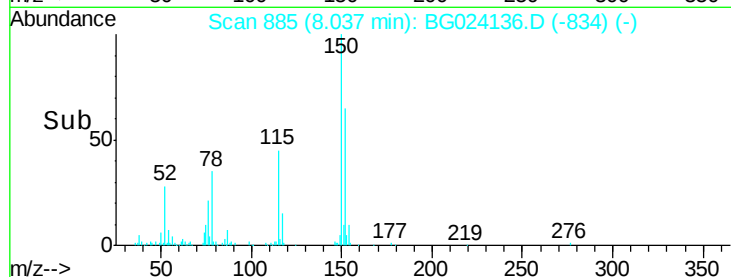
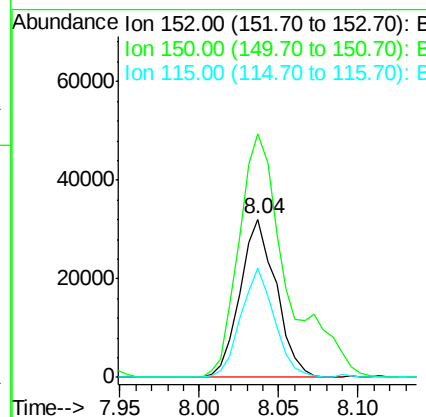
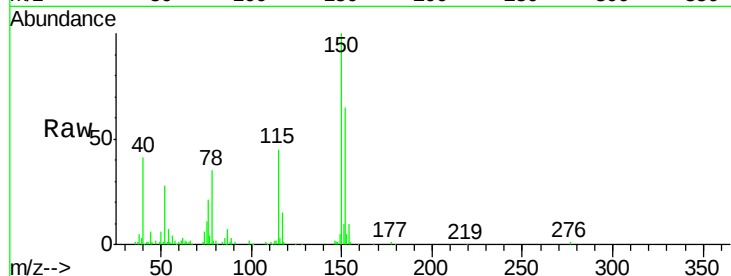


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 885
Delta R.T. -0.00 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

Instrument :
BNA_G
ClientSampleId :

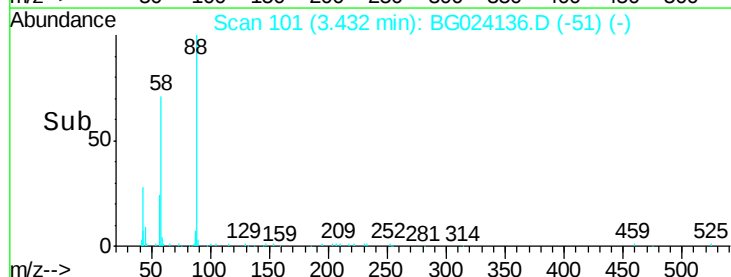
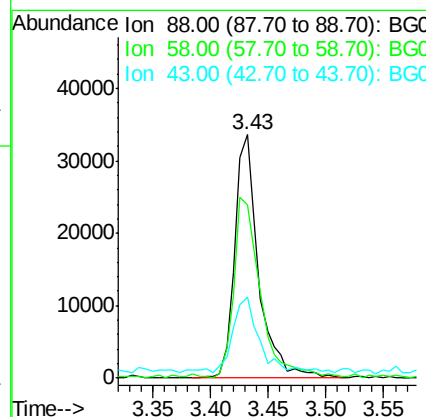
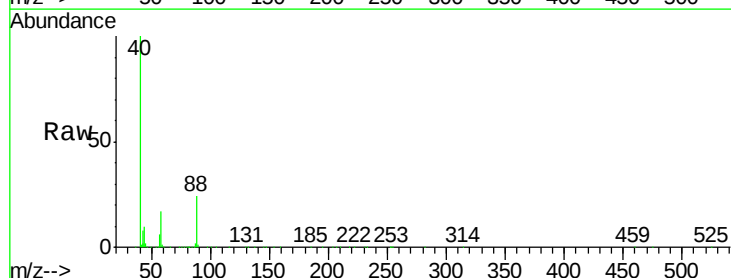
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	144.7	217.1
115	69.4	64.0	96.0



#2

1,4-Dioxane
Concen: 42.92 ng
RT: 3.43 min Scan# 101
Delta R.T. -0.01 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.8	60.4	90.6
43	35.3	31.1	46.7





#3

Pvridine

Concen: 42.56 ng

RT: 3.84 min Scan# 171

Delta R.T. -0.01 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

Instrument :

BNA_G

ClientSampleId :

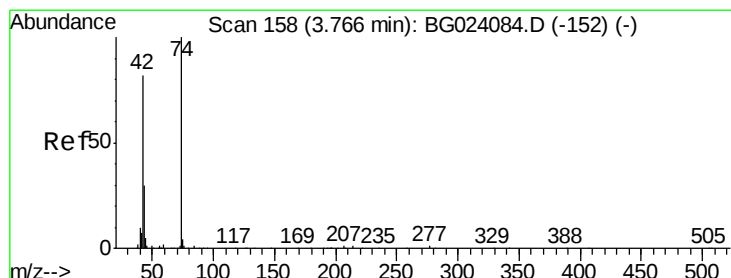
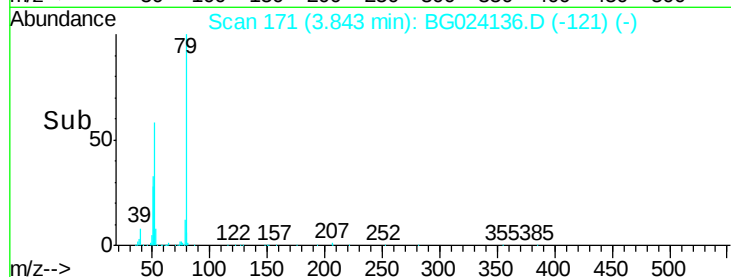
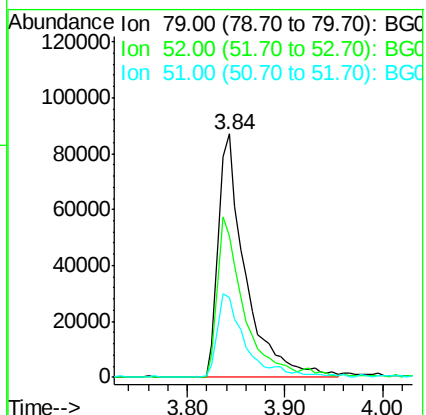
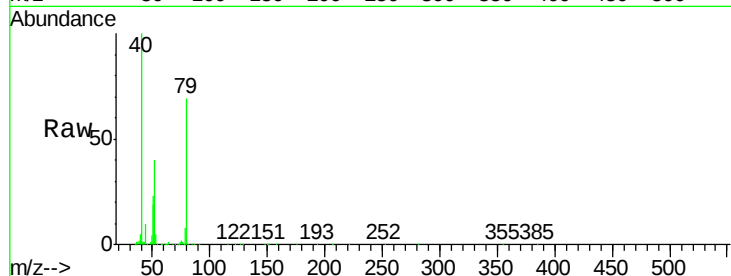
Tot Ion: 79 Resp: 168461

Ion Ratio Lower Upper

79 100

52 58.1 51.8 77.8

51 33.0 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 44.80 ng

RT: 3.76 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

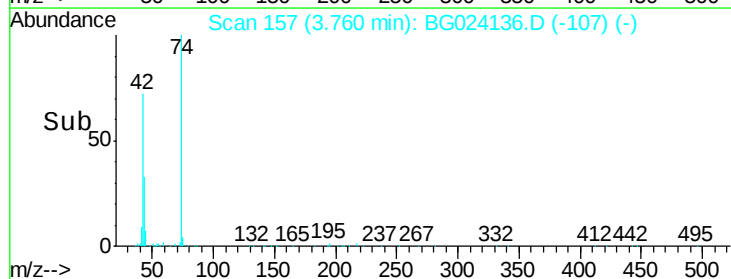
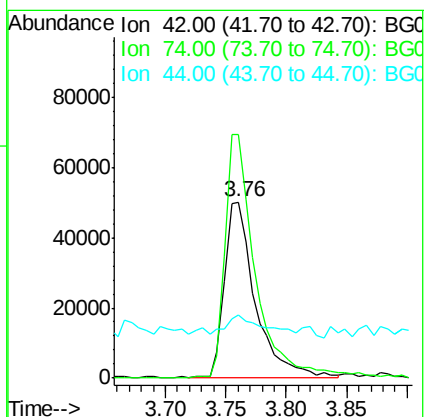
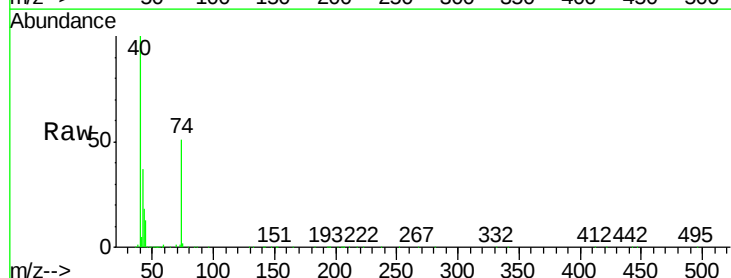
Tgt Ion: 42 Resp: 89885

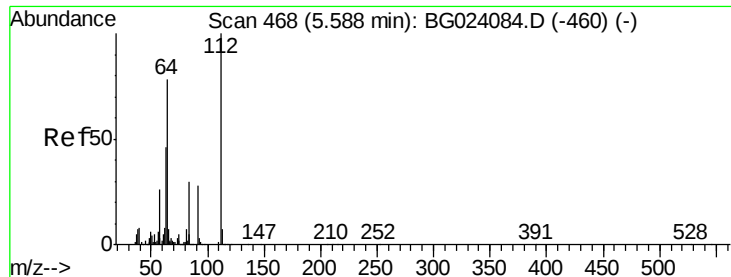
Ion Ratio Lower Upper

42 100

74 138.1 100.6 150.8

44 35.9 4.5 6.7#





#5

2-Fluorophenol

Concen: 183.37 ng

RT: 5.59 min Scan# 468

Delta R.T. 0.00 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

Instrument :

BNA_G

ClientSampleId :

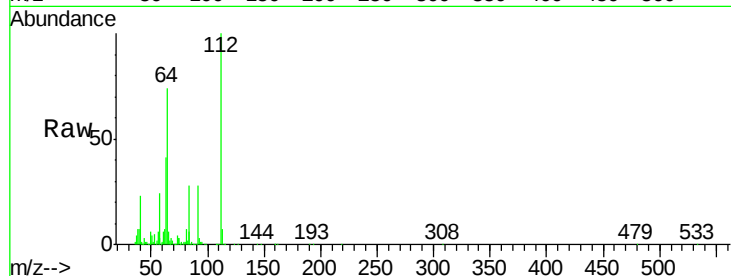
Tot Ion:112 Resp: 536592

Ion Ratio Lower Upper

112 100

64 74.0 59.0 88.4

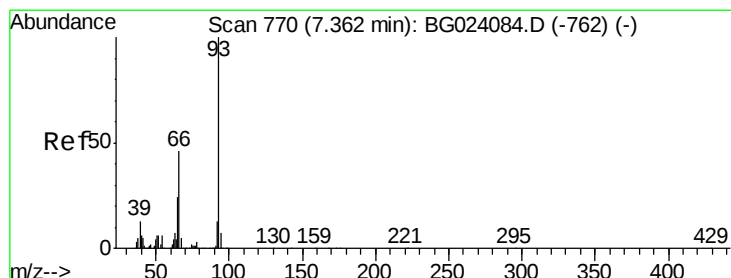
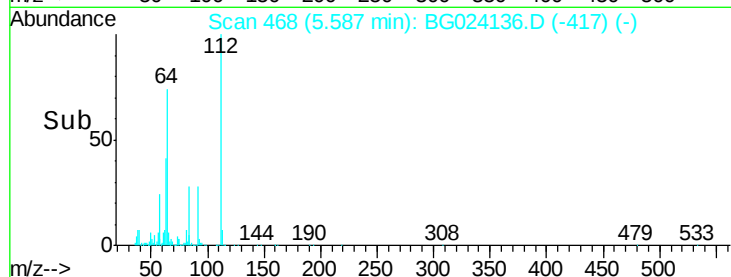
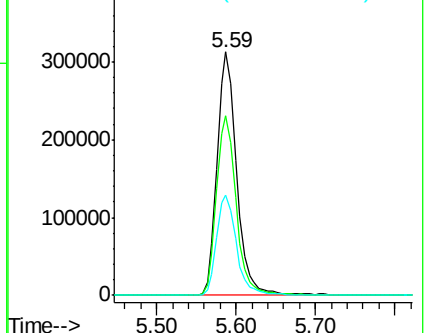
63 41.3 37.8 56.8



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: 31.59 ng

RT: 7.36 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

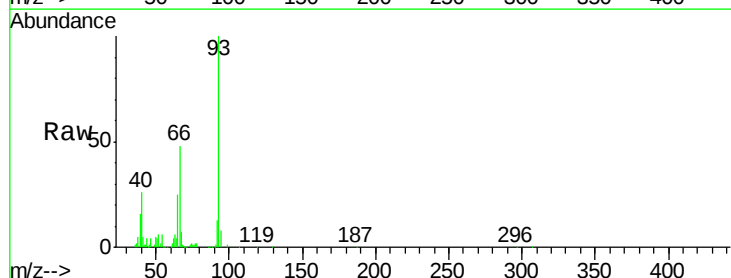
Tgt Ion: 93 Resp: 218473

Ion Ratio Lower Upper

93 100

66 47.5 37.5 56.3

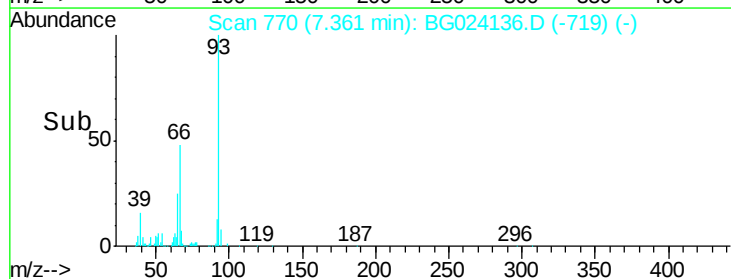
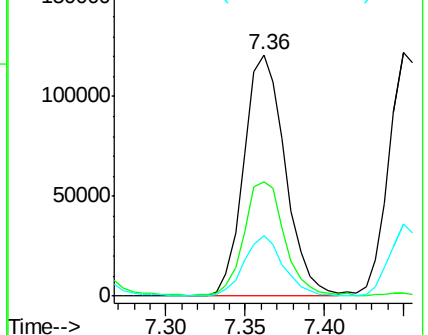
65 25.0 17.9 26.9

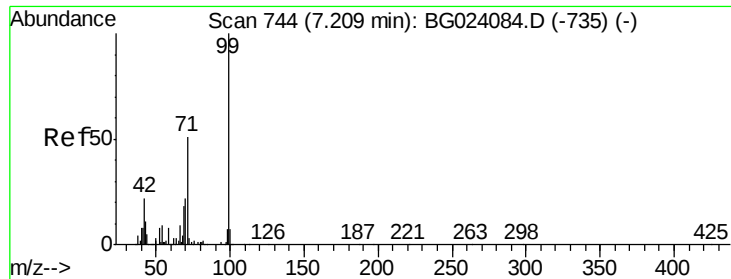


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 165.77 ng

RT: 7.21 min Scan# 744

Delta R.T. -0.00 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

Instrument :

BNA_G

ClientSampleId :

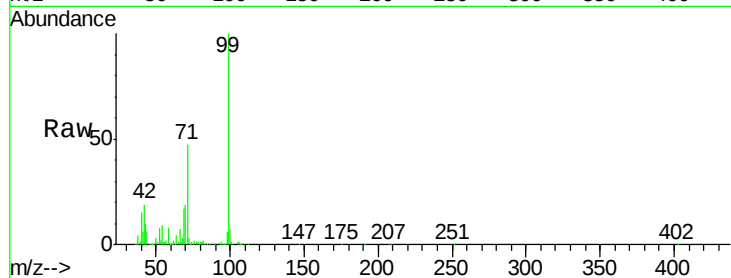
Tot Ion: 99 Resp: 816232

Ion Ratio Lower Upper

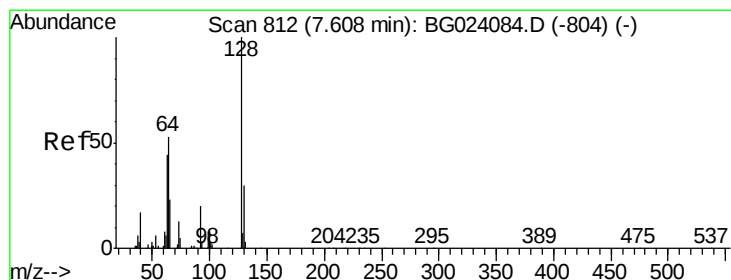
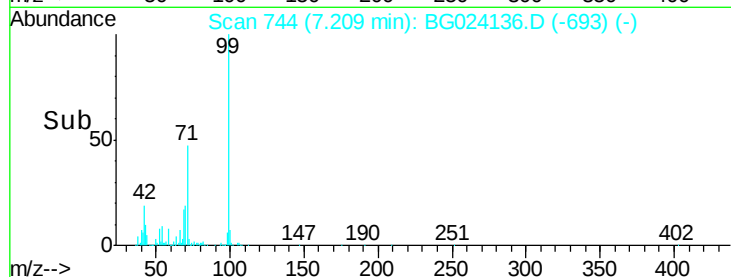
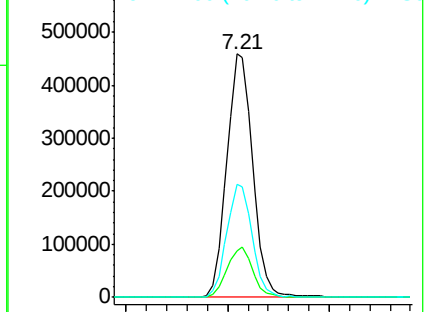
99 100

42 19.2 17.8 26.6

71 46.6 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: 53.47 ng

RT: 7.60 min Scan# 811

Delta R.T. -0.01 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

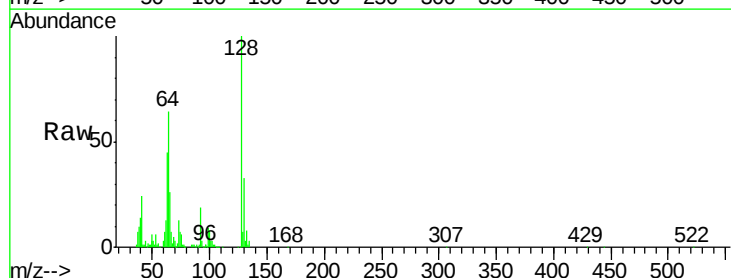
Tgt Ion: 128 Resp: 187309

Ion Ratio Lower Upper

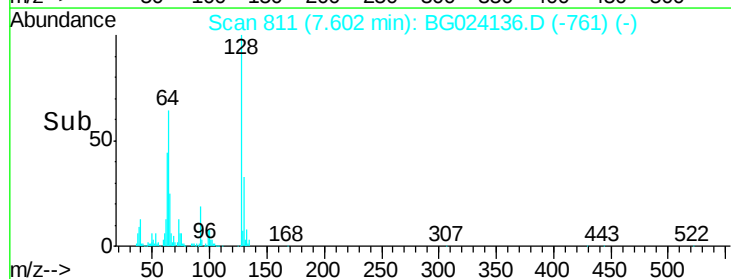
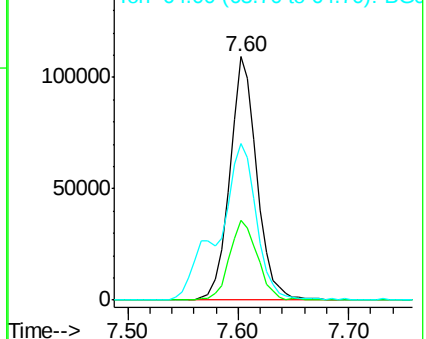
128 100

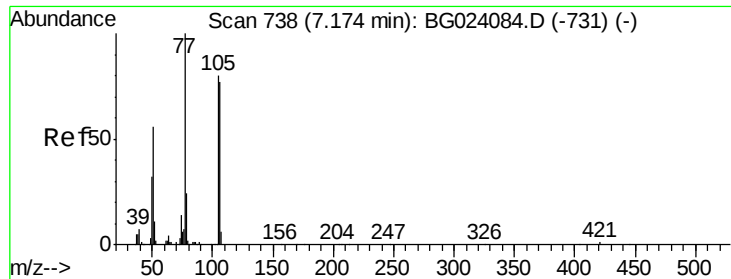
130 32.8 12.9 52.9

64 64.1 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: 10.35 ng

RT: 7.19 min Scan# 740

Delta R.T. 0.01 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

Instrument :

BNA_G

ClientSampled :

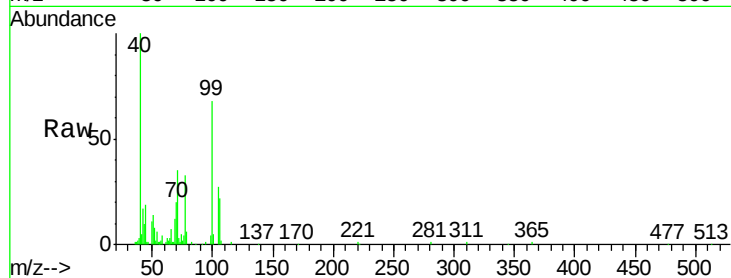
Tot Ion: 77 Resp: 27761

Ion Ratio Lower Upper

77 100

105 83.4 58.7 98.7

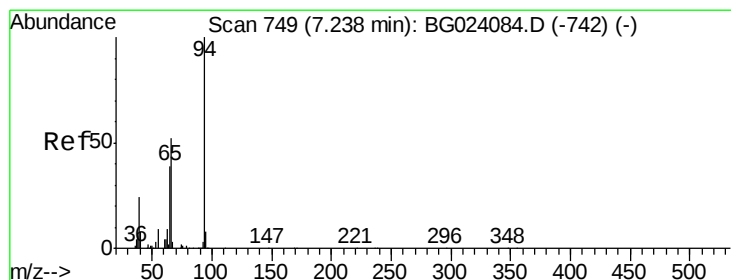
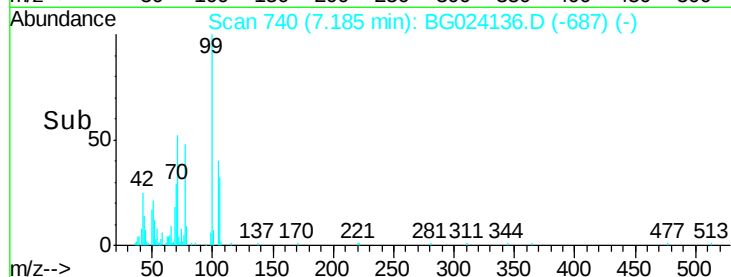
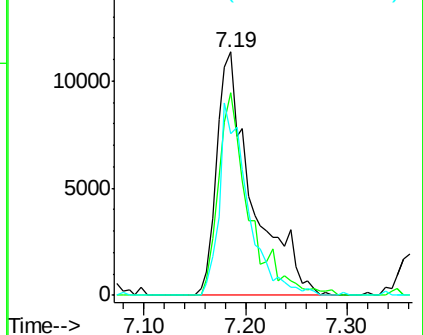
106 66.4 67.5 107.5#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 56.30 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.00 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

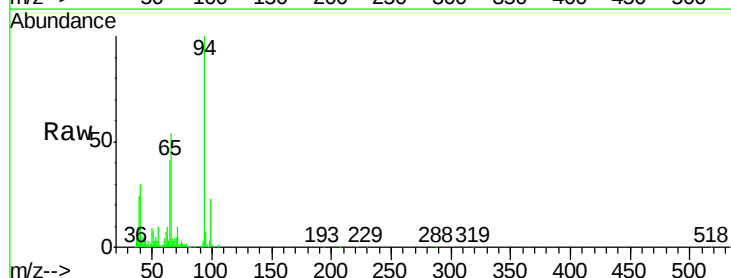
Tgt Ion: 94 Resp: 291438

Ion Ratio Lower Upper

94 100

65 41.1 18.1 58.1

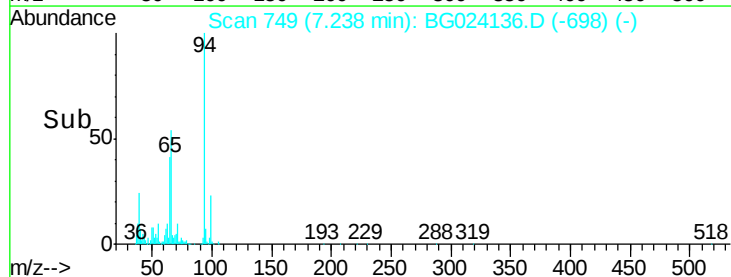
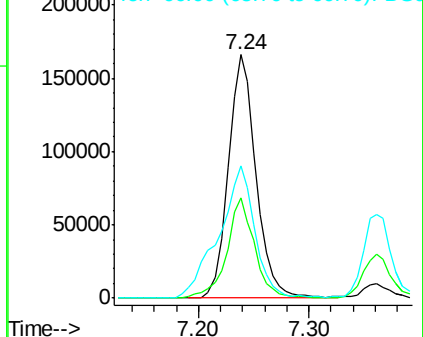
66 54.4 42.1 82.1

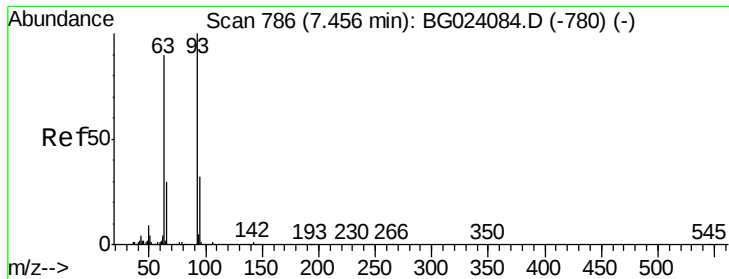


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

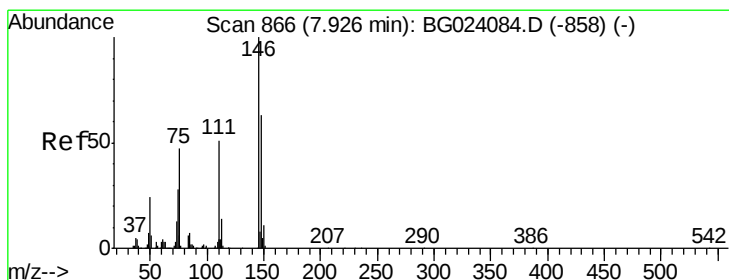
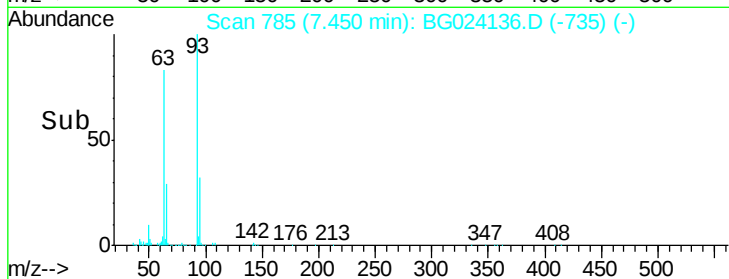
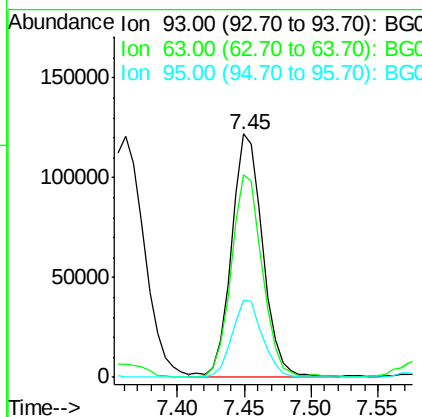
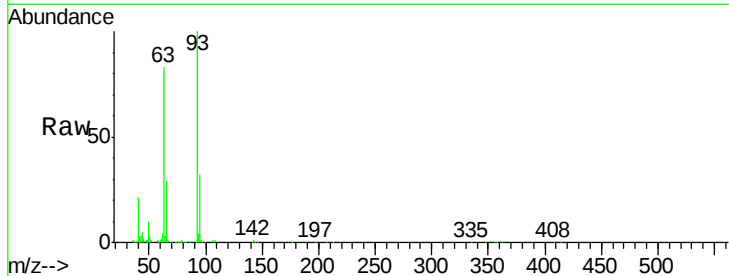




#11
bis(2-Chloroethyl)ether
Concen: 48.22 ng
RT: 7.45 min Scan# 785
Delta R.T. -0.01 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

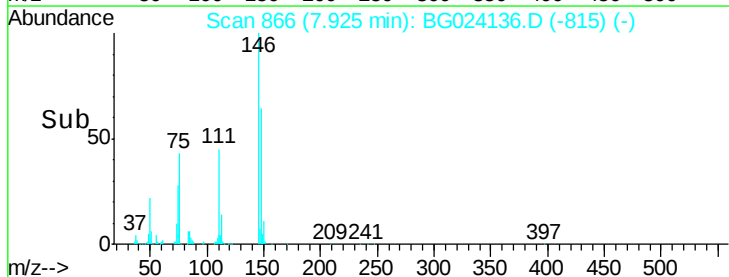
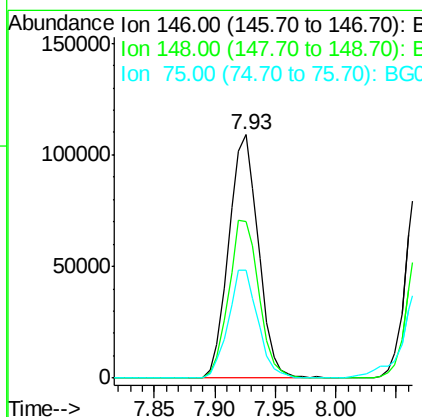
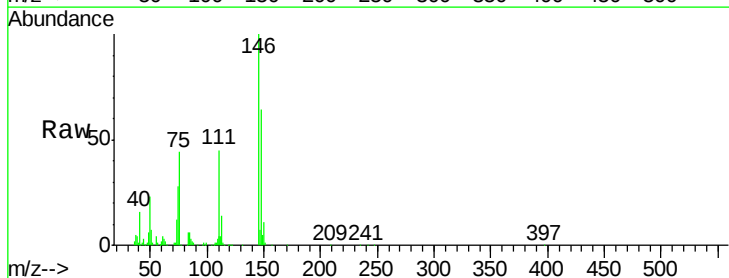
Instrument :
BNA_G
ClientSampleId :

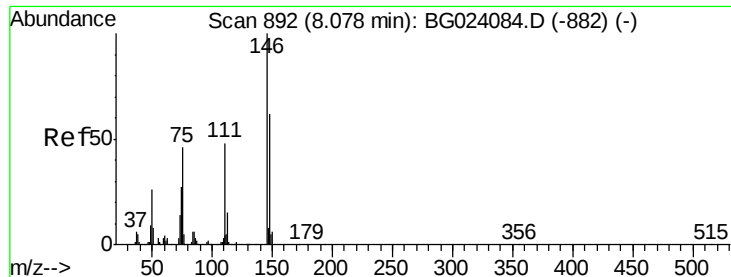
Tot Ion	Ratio	Lower	Upper
93	100		
63	83.4	55.0	95.0
95	31.9	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 47.58 ng
RT: 7.93 min Scan# 866
Delta R.T. -0.00 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.3	75.5
75	44.3	37.0	55.6

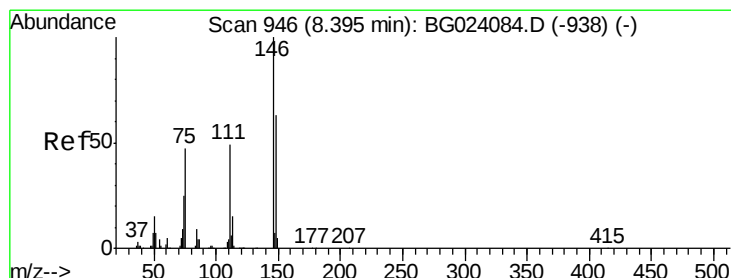
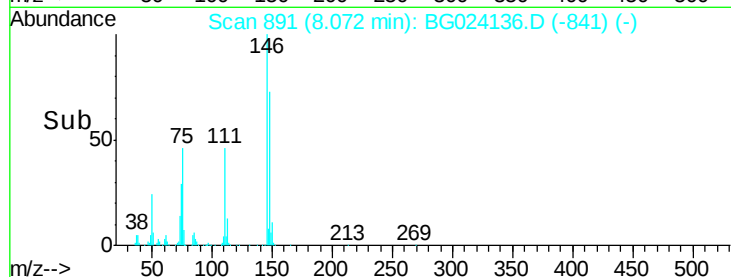
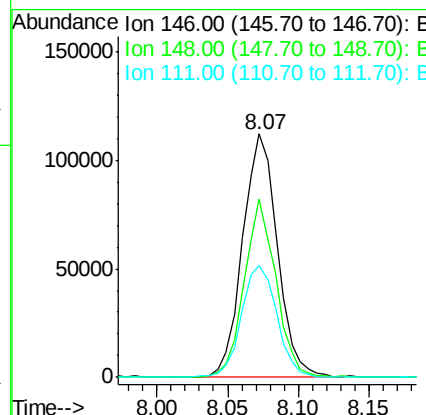
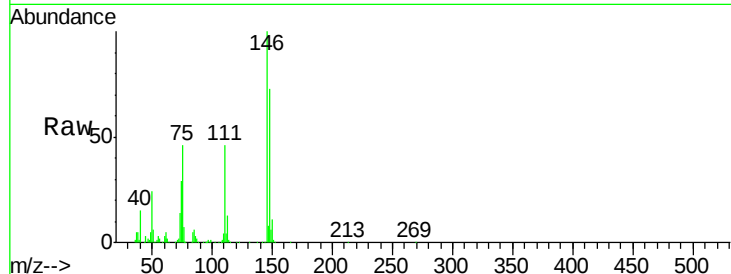




#13
 1,4-Dichlorobenzene
 Concen: 48.55 ng
 RT: 8.07 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BG024136.D
 Acq: 26 Sep 2016 10:56

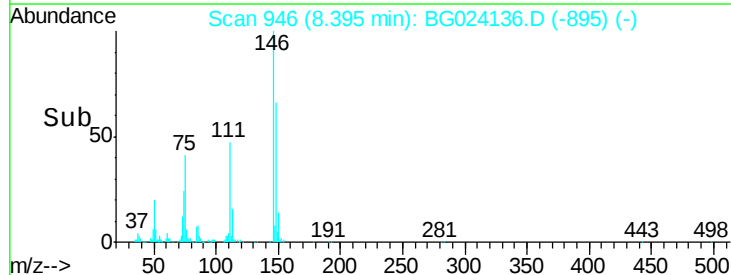
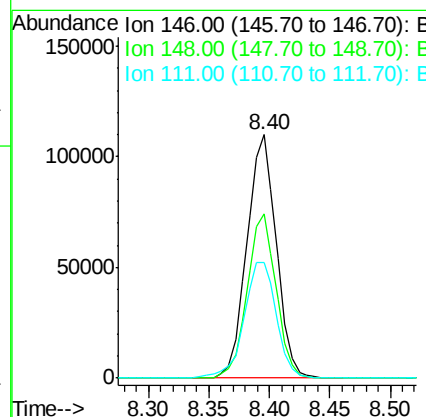
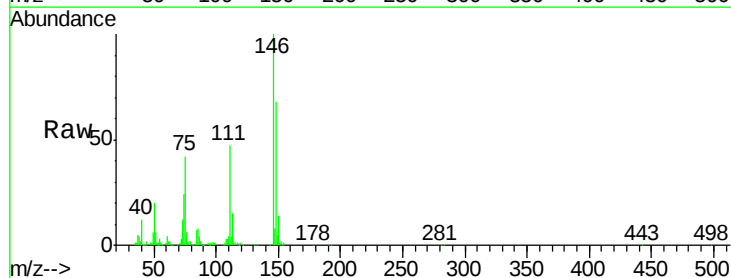
Instrument :
 BNA_G
 ClientSampled :

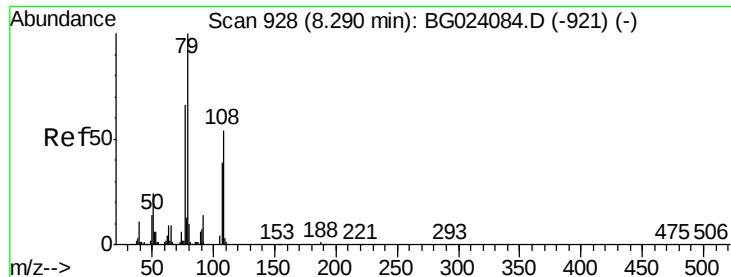
Tot Ion	Ratio	Lower	Upper
146	100		
148	73.2	54.5	81.7
111	45.8	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 48.15 ng
 RT: 8.40 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BG024136.D
 Acq: 26 Sep 2016 10:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.7	52.9	79.3
111	47.4	43.5	65.3





#15

Benzyl Alcohol

Concen: 49.21 ng

RT: 8.29 min Scan# 928

Delta R.T. -0.00 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

Instrument :

BNA_G

ClientSampleId :

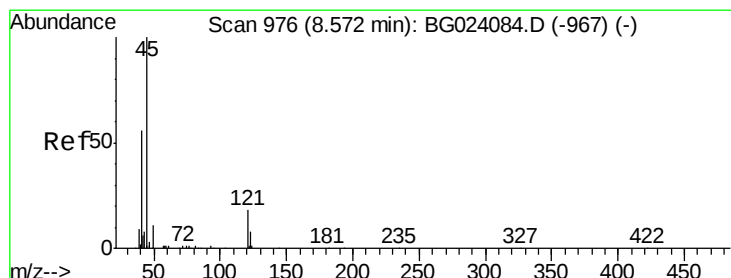
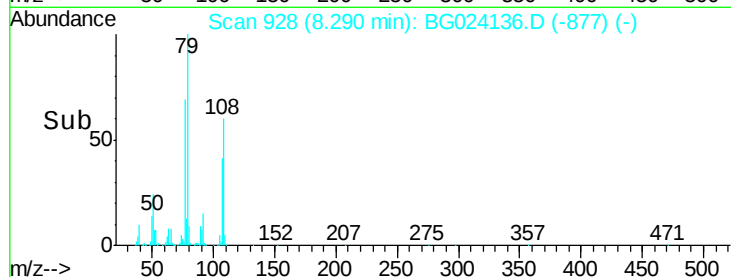
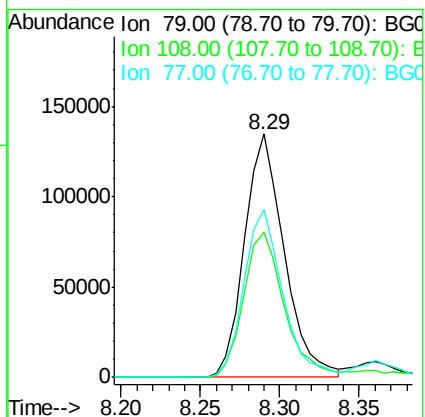
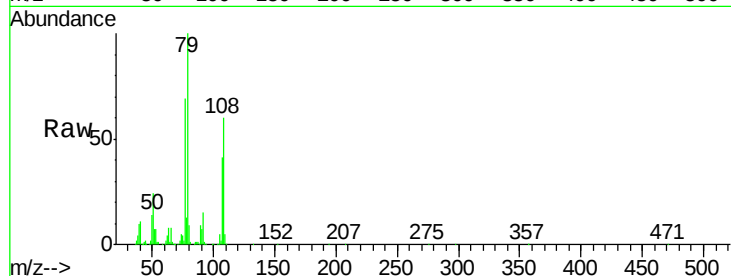
Tot Ion: 79 Resp: 234509

Ion Ratio Lower Upper

79 100

108 59.6 46.5 69.7

77 68.9 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.15 ng

RT: 8.57 min Scan# 975

Delta R.T. -0.01 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

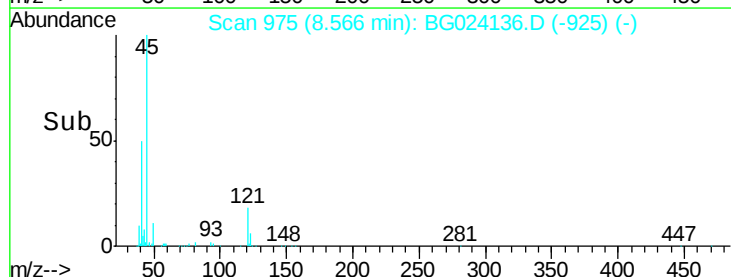
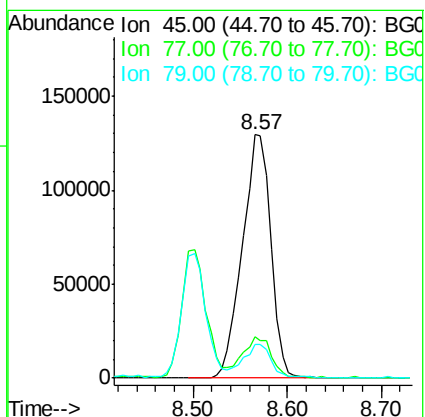
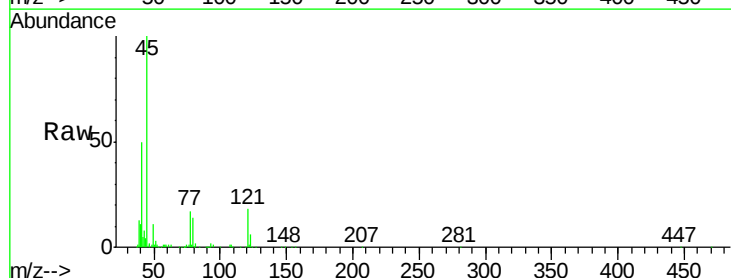
Tgt Ion: 45 Resp: 271370

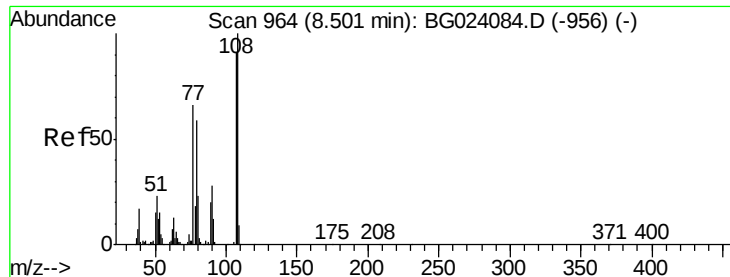
Ion Ratio Lower Upper

45 100

77 17.0 0.6 40.6

79 13.7 0.0 36.2





#17

2-Methylphenol

Concen: 55.36 ng

RT: 8.50 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 190500

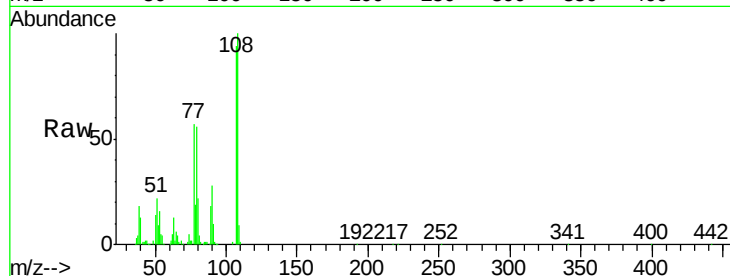
Ion Ratio Lower Upper

107 100

108 106.8 92.0 138.0

77 61.3 55.8 83.6

79 59.7 55.0 82.6

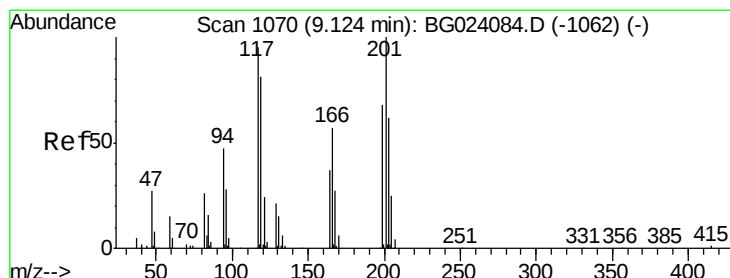
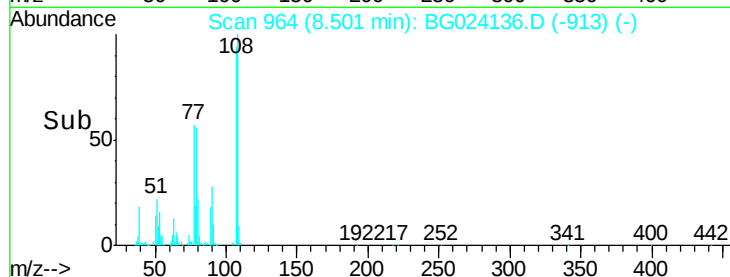
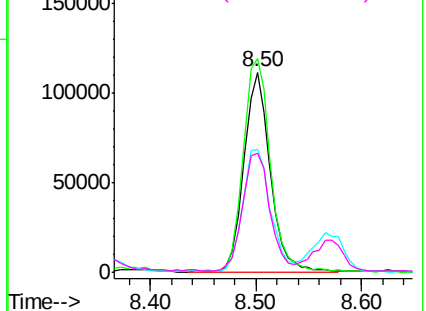


Abundance Ion 107.00 (106.70 to 107.70): E

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: 47.78 ng

RT: 9.12 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

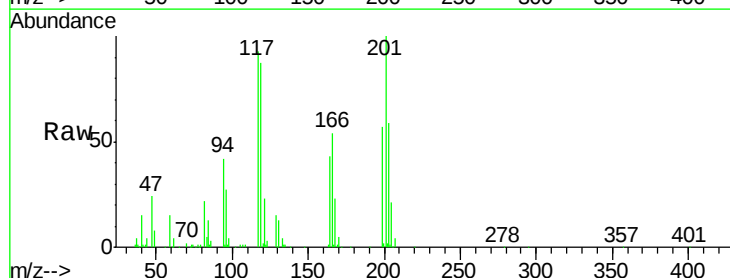
Tgt Ion:117 Resp: 80247

Ion Ratio Lower Upper

117 100

119 92.6 73.7 110.5

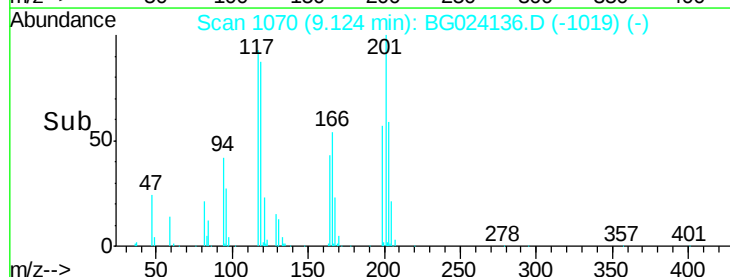
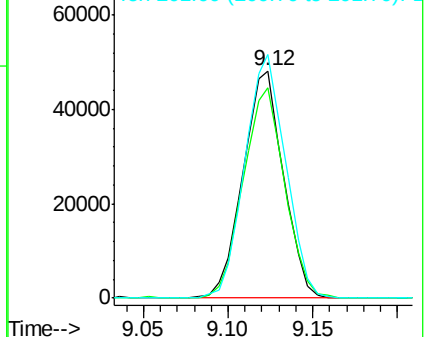
201 107.0 88.7 133.1

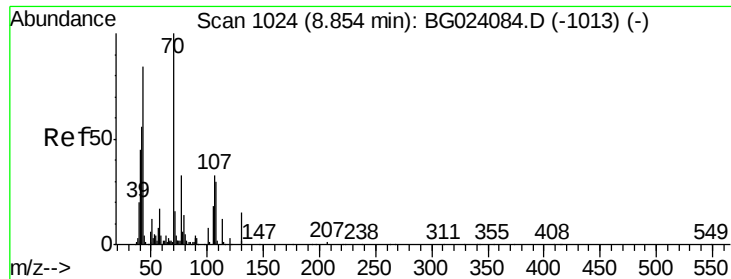


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

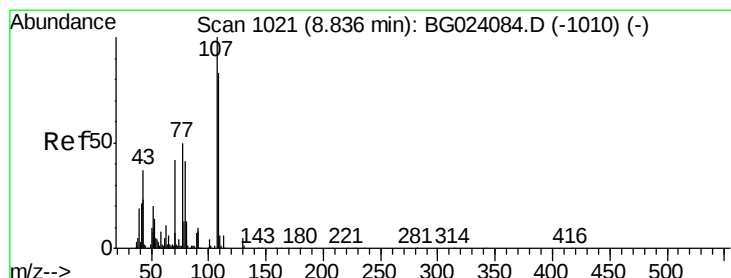
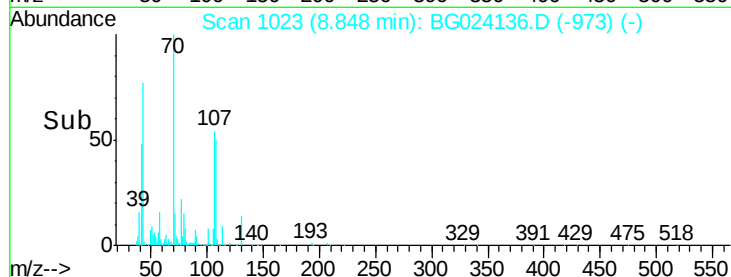
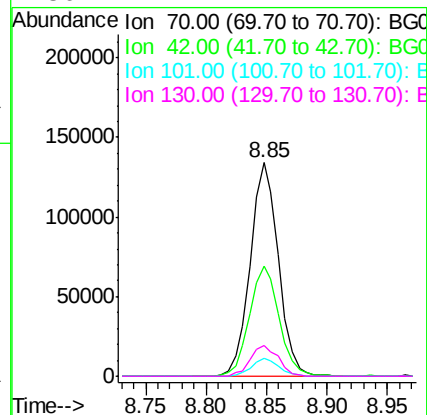
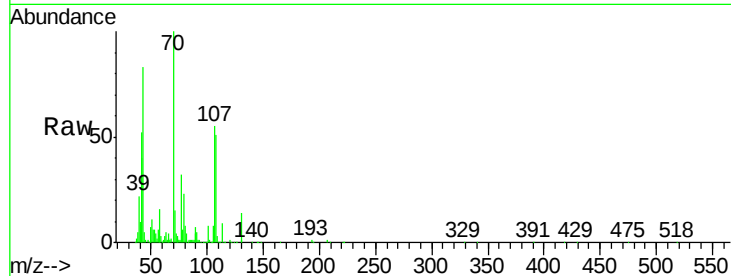




#19
n-Nitroso-di-n-propylamine
Concen: 44.95 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

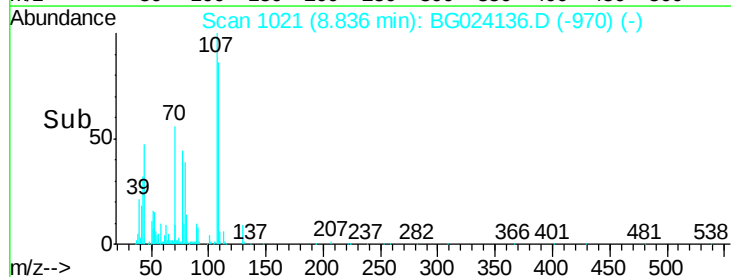
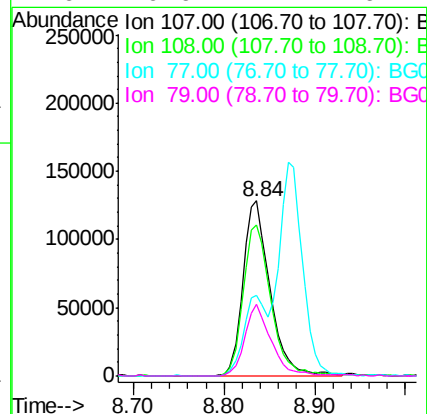
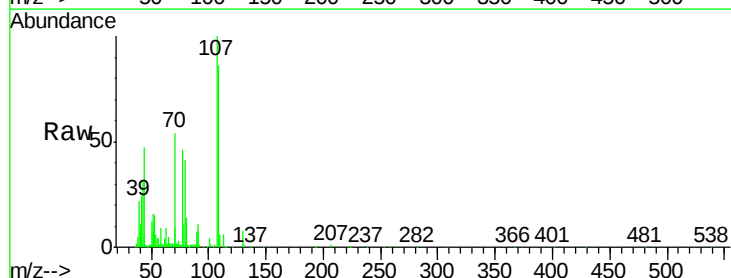
Instrument :
BNA_G
ClientSampleId :

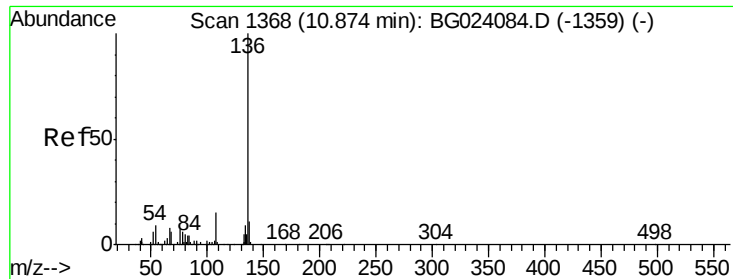
Tot Ion:	70	Resp:	217361
Ion	Ratio	Lower	Upper
70	100		
42	51.6	42.1	63.1
101	8.3	7.2	10.8
130	14.2	14.2	21.2



#20
3+4-Methylphenols
Concen: 53.20 ng
RT: 8.84 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

Tgt Ion:	107	Resp:	265915
Ion	Ratio	Lower	Upper
107	100		
108	86.4	72.5	112.5
77	46.2	30.1	70.1
79	40.9	24.2	64.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 244075

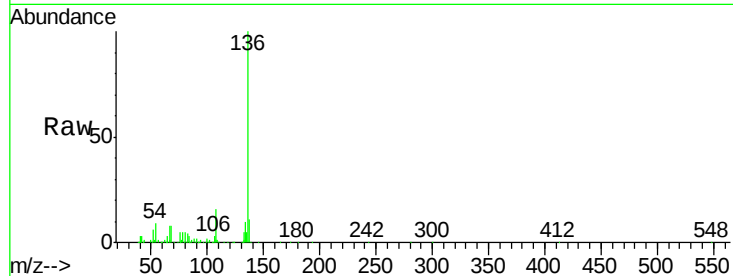
Ion Ratio Lower Upper

136 100

137 11.2 9.6 14.4

54 8.7 7.3 10.9

68 7.6 5.3 7.9

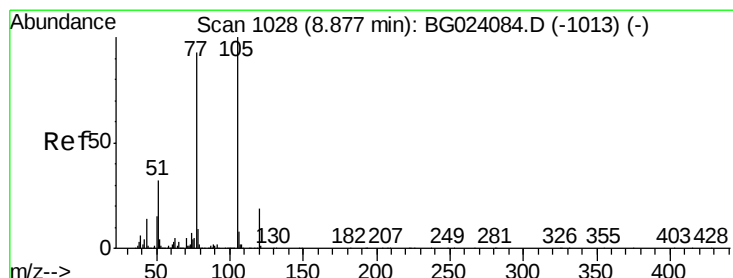
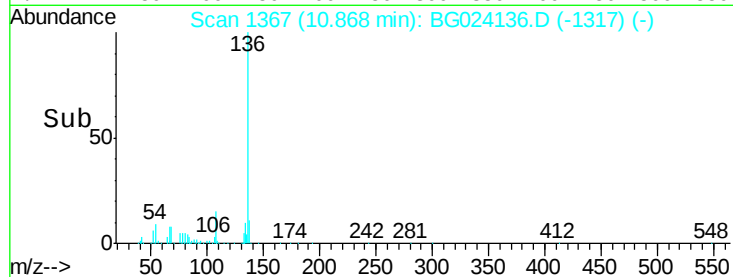
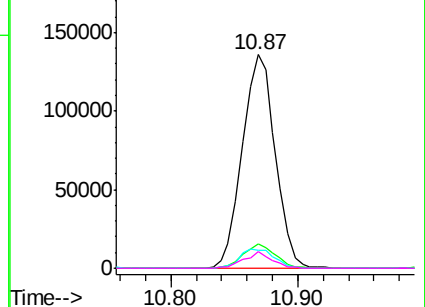


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.97 ng

RT: 8.88 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

Tgt Ion:105 Resp: 302589

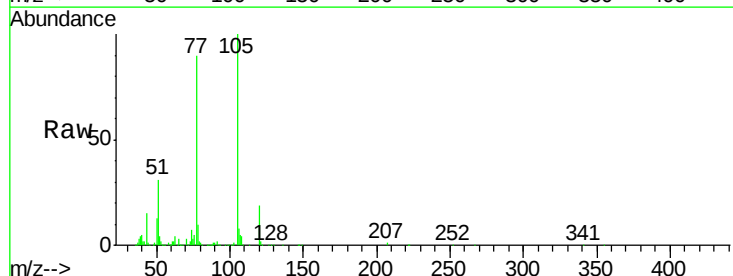
Ion Ratio Lower Upper

105 100

71 0.4 2.6 3.8#

51 30.8 27.1 40.7

120 19.0 15.1 22.7

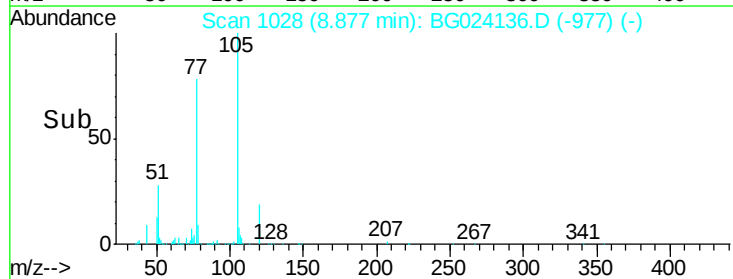
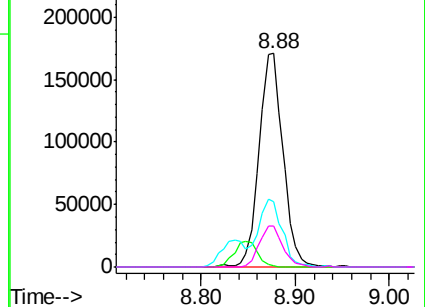


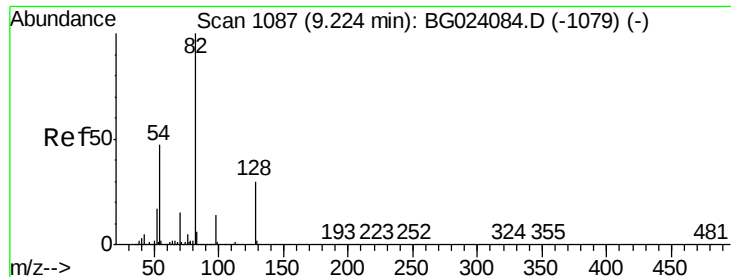
Abundance Ion 105.00 (104.70 to 105.70): E

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

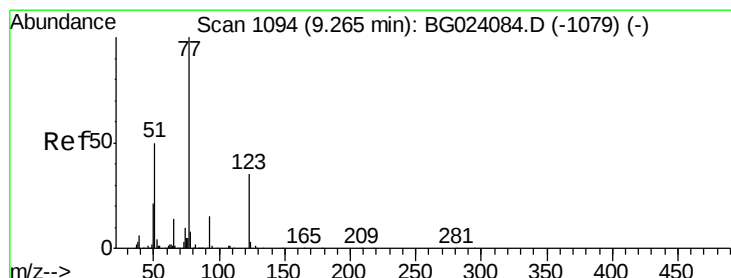
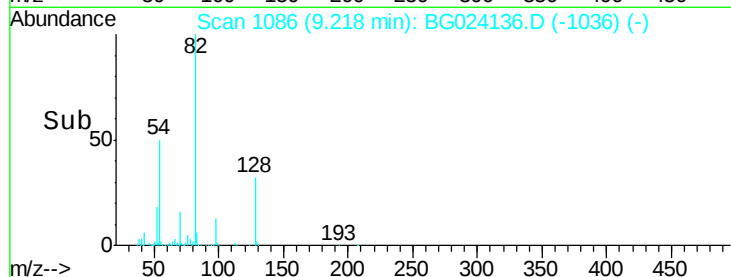
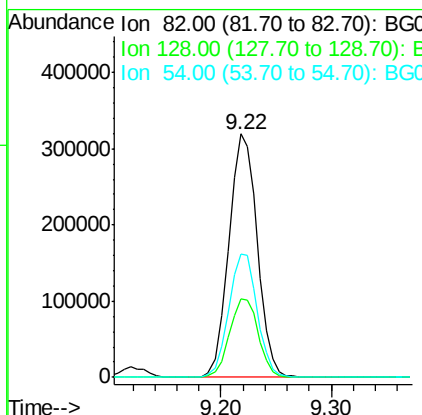
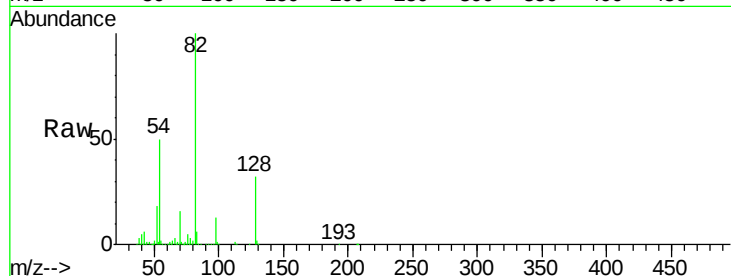




#23
 Nitrobenzene-d5
 Concen: 93.12 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BG024136.D
 Acq: 26 Sep 2016 10:56

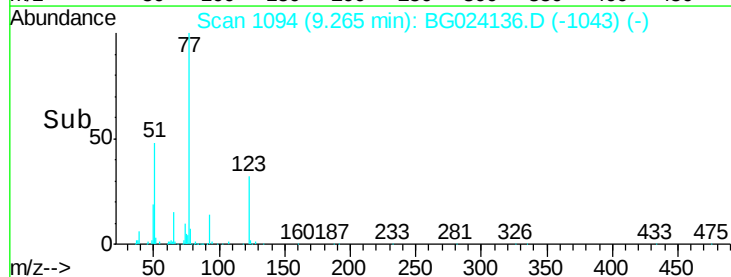
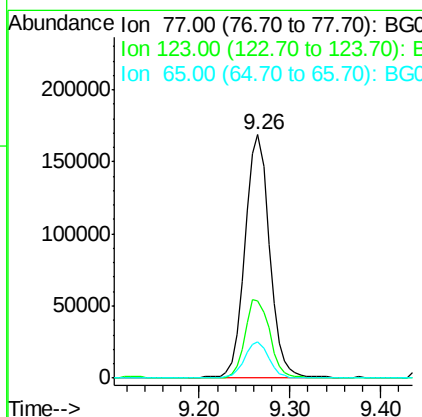
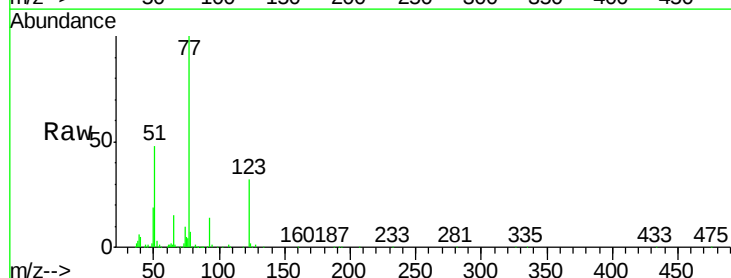
Instrument :
 BNA_G
 ClientSampleId :

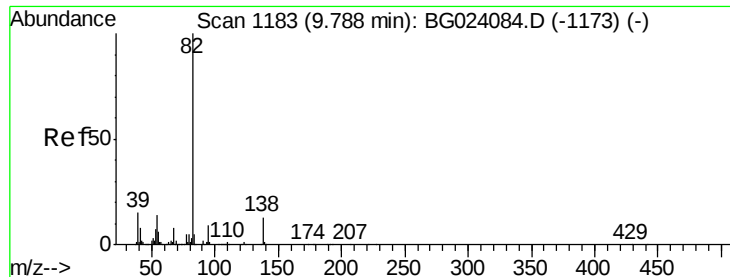
Tot Ion	82	Resp	576688
Ion Ratio	Lower	Upper	
82	100		
128	32.1	24.4	36.6
54	50.4	41.4	62.0



#24
 Nitrobenzene
 Concen: 48.00 ng
 RT: 9.26 min Scan# 1094
 Delta R.T. -0.00 min
 Lab File: BG024136.D
 Acq: 26 Sep 2016 10:56

Tgt Ion	77	Resp	318614
Ion Ratio	Lower	Upper	
77	100		
123	32.0	25.0	37.6
65	15.1	13.4	20.0





#25

Isophorone

Concen: 44.41 ng

RT: 9.78 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

Instrument :

BNA_G

ClientSampleId :

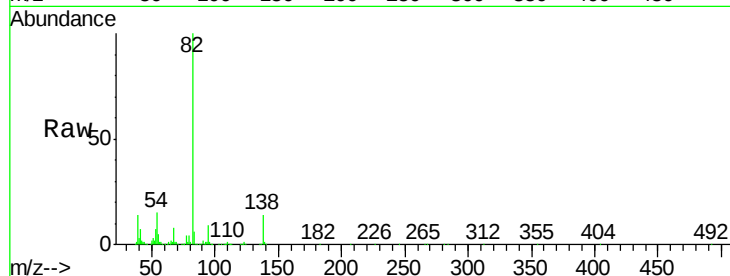
Tot Ion: 82 Resp: 560937

Ion Ratio Lower Upper

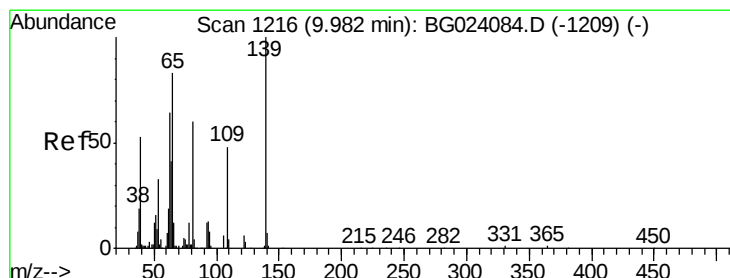
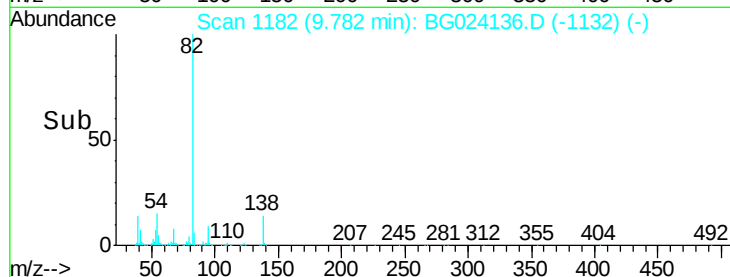
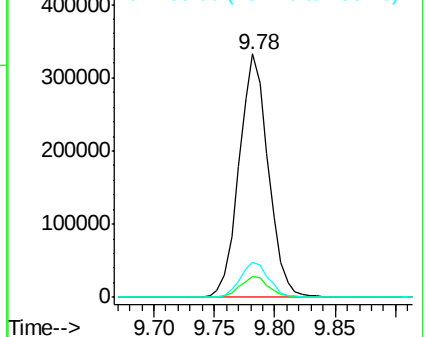
82 100

95 8.5 8.2 12.2

138 14.3 10.7 16.1



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



#26

2-Nitrophenol

Concen: 49.86 ng

RT: 9.98 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

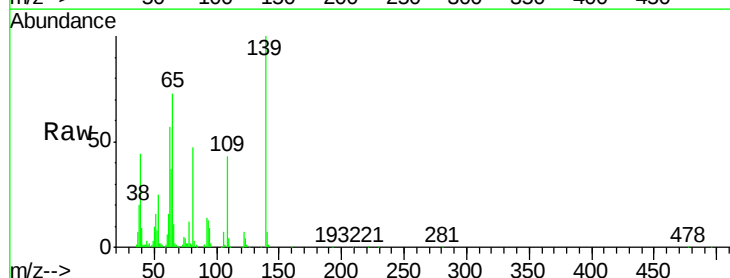
Tgt Ion: 139 Resp: 117405

Ion Ratio Lower Upper

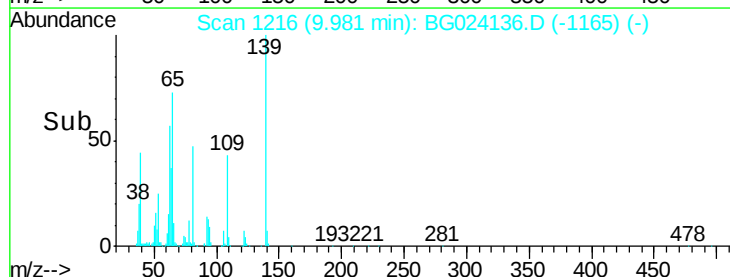
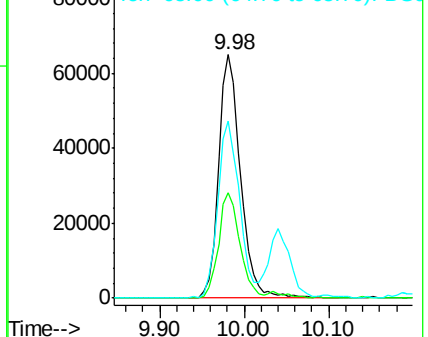
139 100

109 43.1 43.5 65.3#

65 72.7 64.3 96.5



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

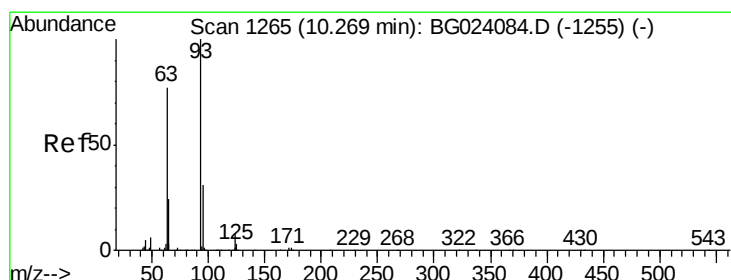
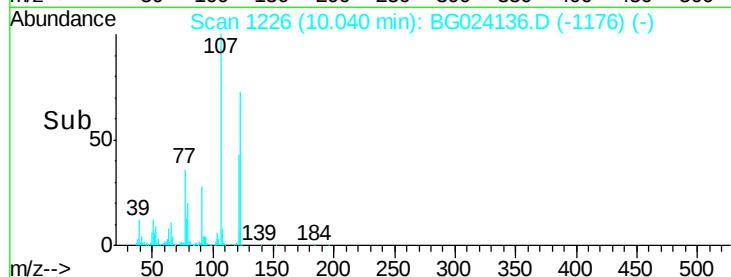
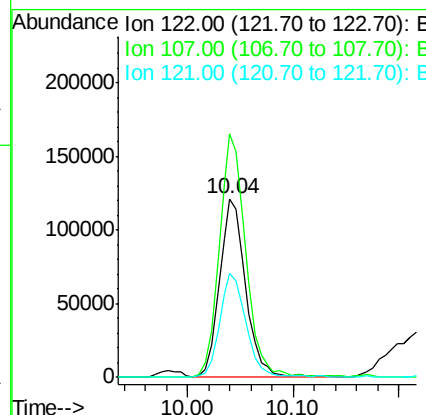
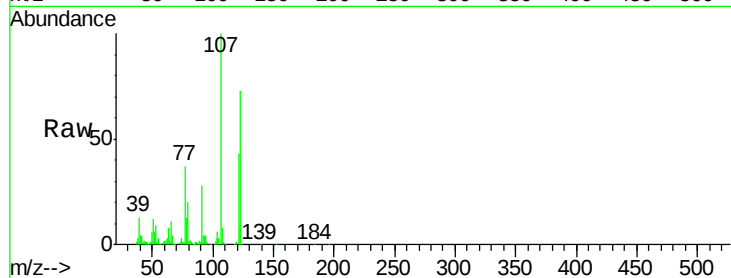




#27
 2,4-Dimethylphenol
 Concen: 52.47 ng
 RT: 10.04 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG024136.D
 Acq: 26 Sep 2016 10:56

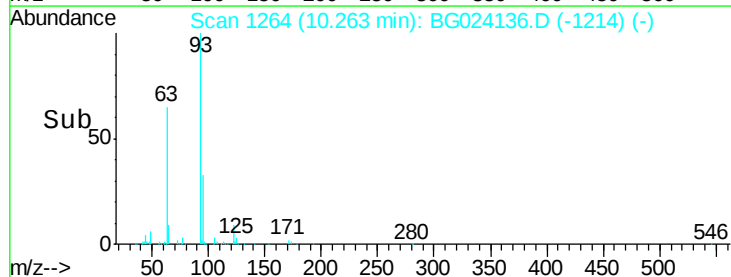
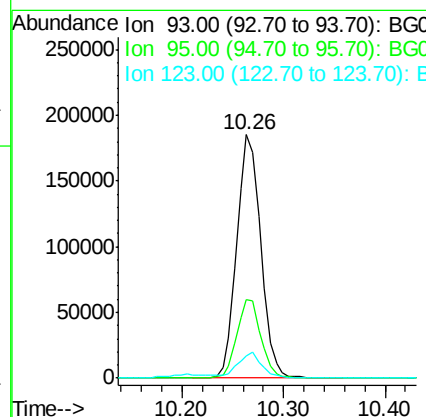
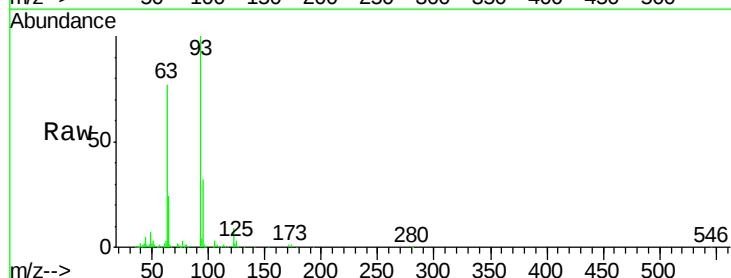
Instrument :
 BNA_G
 ClientSampleId :

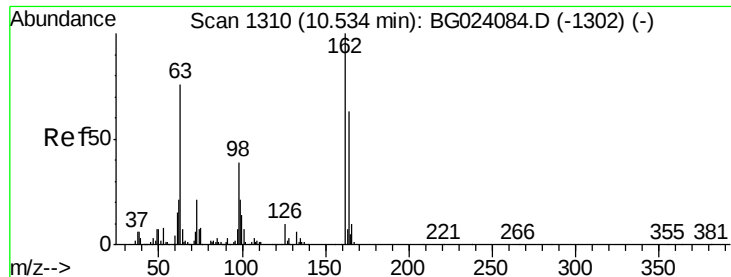
Tot Ion	Ratio	Lower	Upper
122	100		
107	136.3	117.0	175.4
121	58.2	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.88 ng
 RT: 10.26 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG024136.D
 Acq: 26 Sep 2016 10:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.4	38.2
123	9.4	8.2	12.2

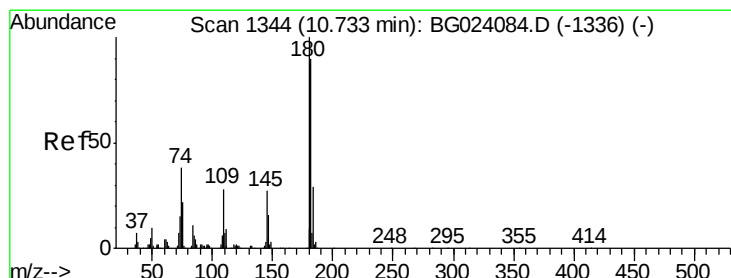
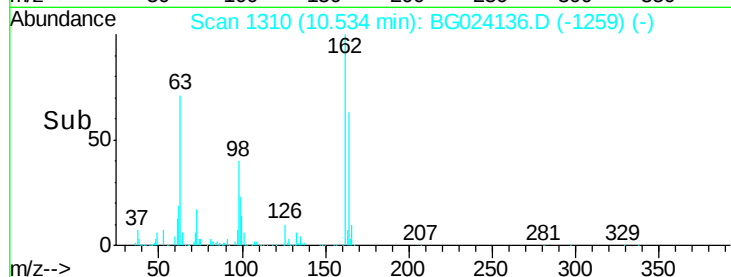
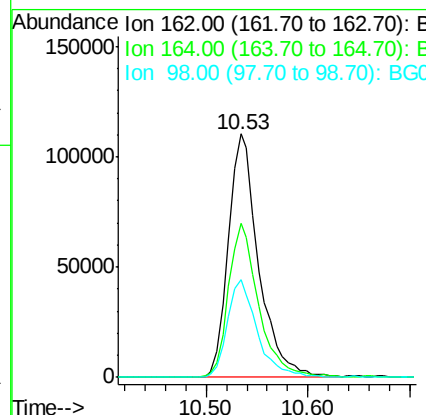
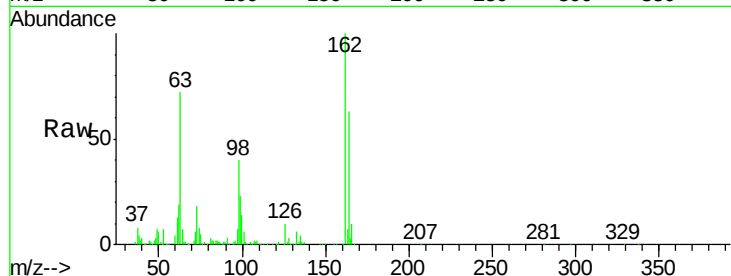




#29
 2,4-Dichlorophenol
 Concen: 55.75 ng
 RT: 10.53 min Scan# 1310
 Delta R.T. -0.00 min
 Lab File: BG024136.D
 Acq: 26 Sep 2016 10:56

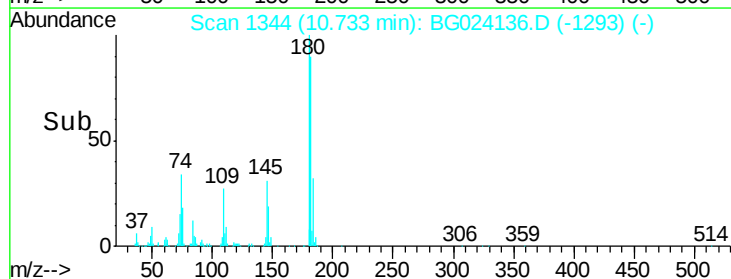
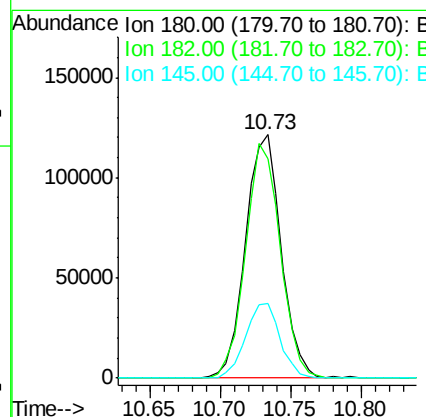
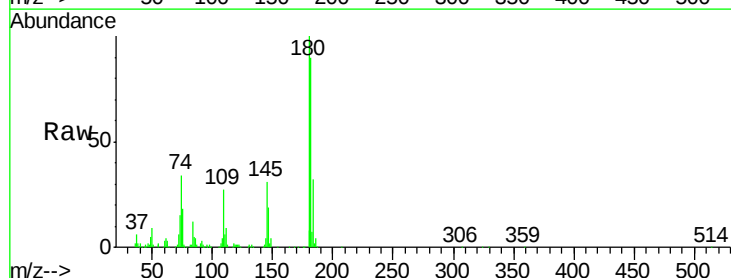
Instrument :
 BNA_G
 ClientSampled :

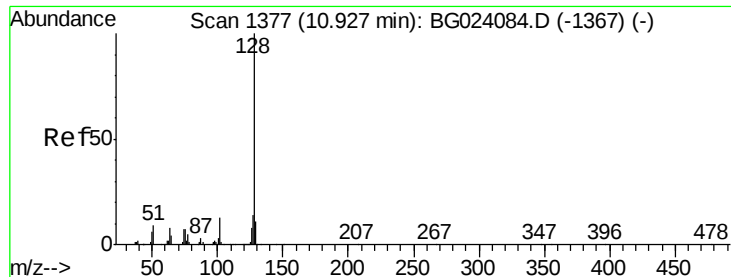
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.3	84.3
98	40.2	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 48.91 ng
 RT: 10.73 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BG024136.D
 Acq: 26 Sep 2016 10:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.9	73.8	110.8
145	30.9	24.4	36.6

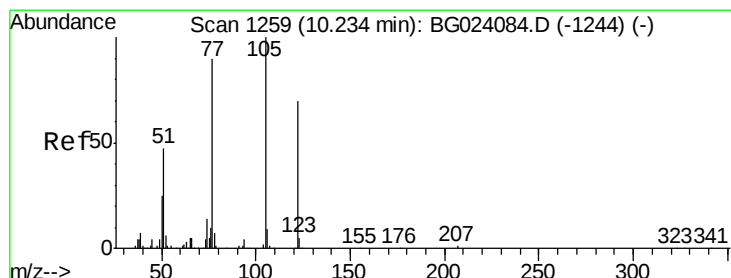
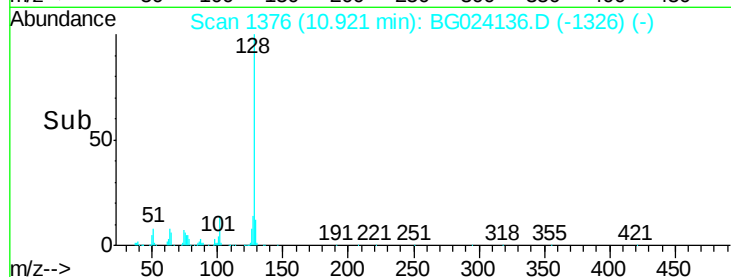
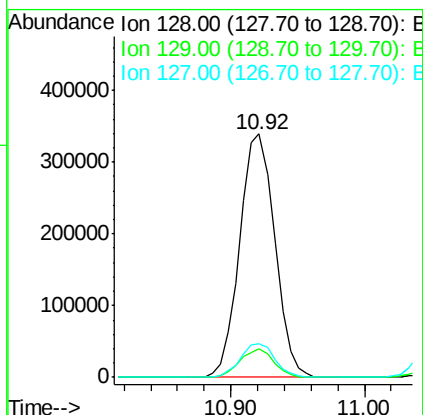
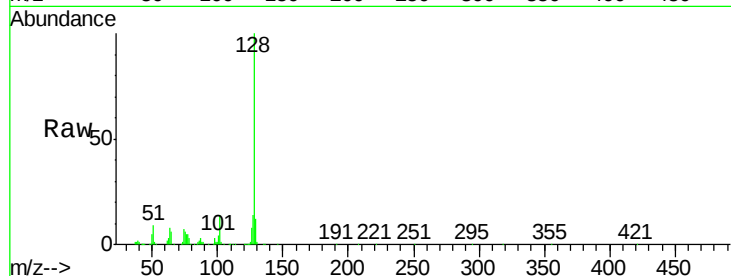




#31
Naphthalene
Concen: 49.93 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

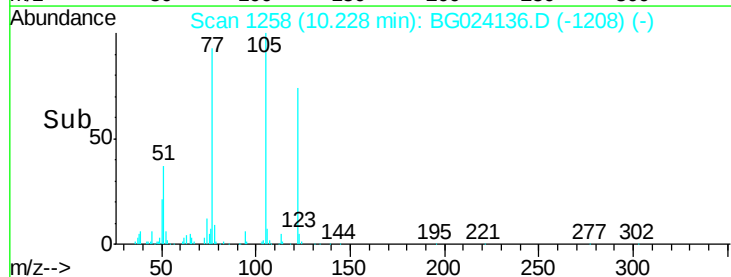
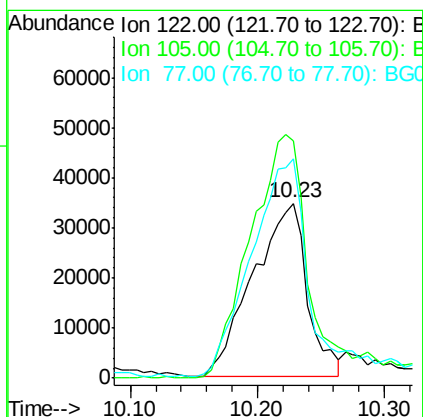
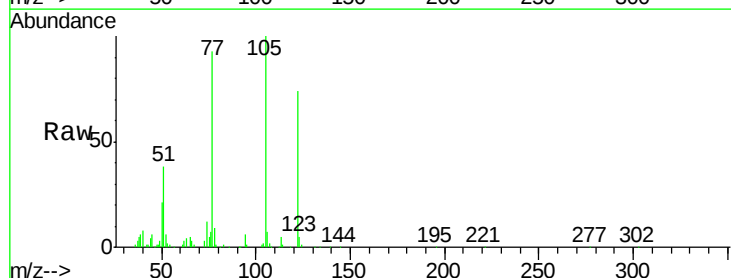
Instrument :
BNA_G
ClientSampleId :

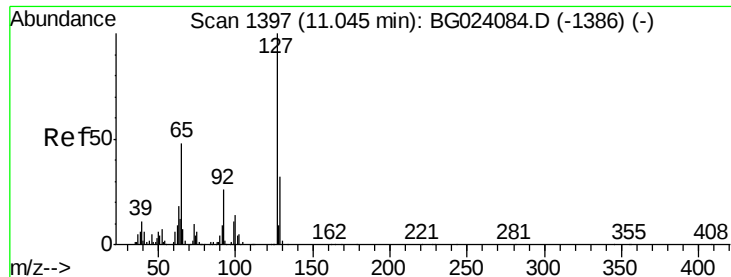
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	13.6	11.3	16.9



#32
Benzoic acid
Concen: 34.93 ng
RT: 10.23 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.2	117.2	157.2
77	125.6	109.2	149.2

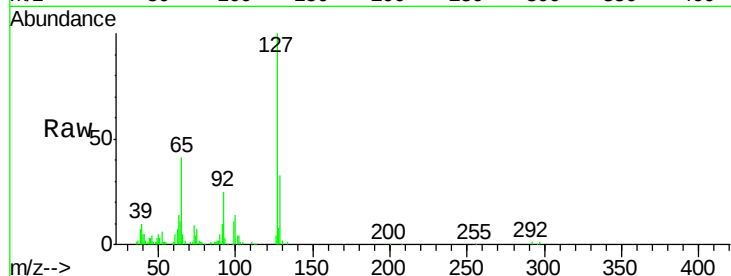




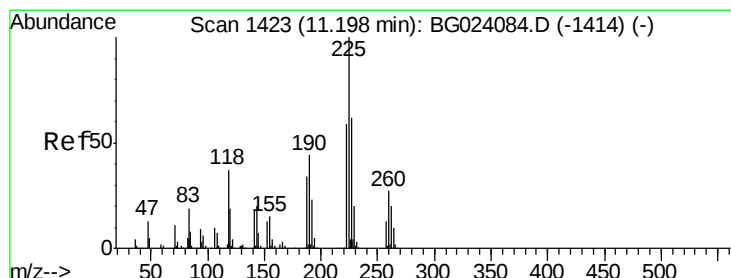
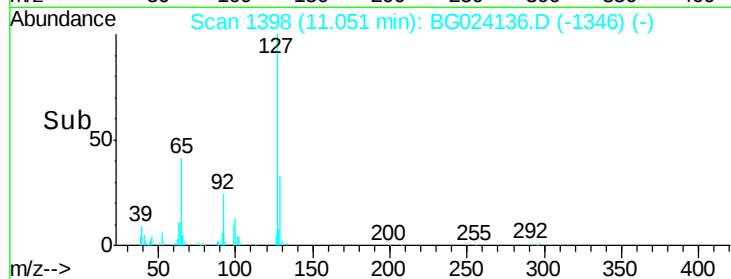
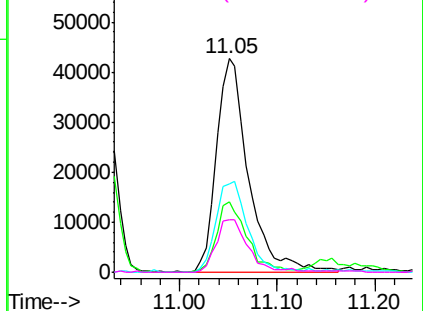
#33
4-Chloroaniline
Concen: 17.66 ng
RT: 11.05 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	97453
Ion	Ratio	Lower	Upper
127	100		
129	33.1	27.9	41.9
65	41.5	36.8	55.2
92	24.8	21.0	31.6

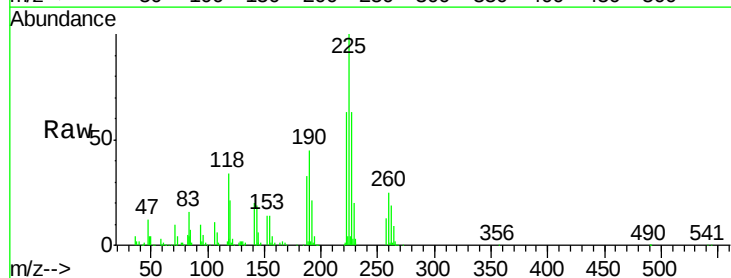


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

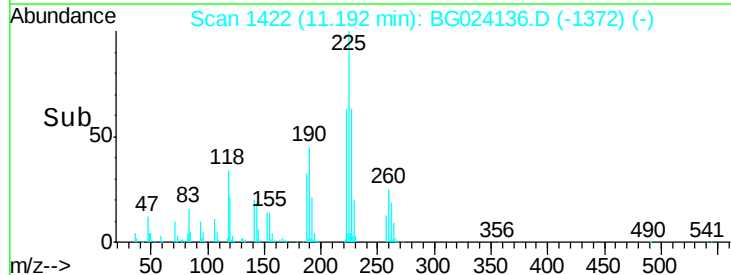
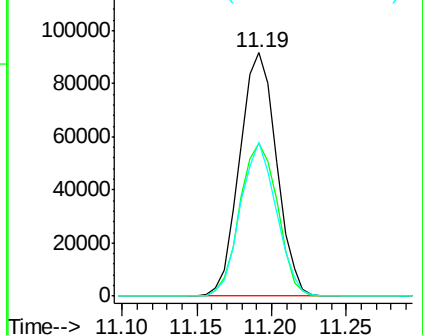


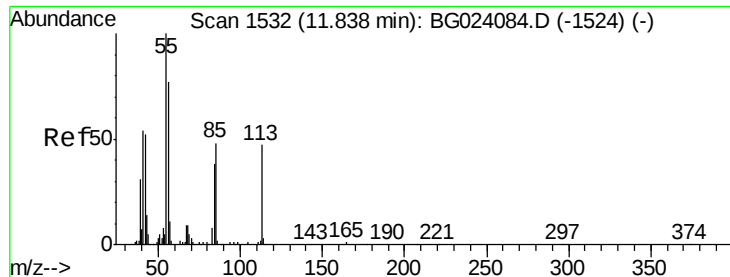
#34
Hexachlorobutadiene
Concen: 45.44 ng
RT: 11.19 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

Tgt Ion:	225	Resp:	156881
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.6	74.4
227	63.3	54.5	81.7



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





#35

Caprolactam

Concen: 23.21 ng

RT: 11.84 min Scan# 1532

Delta R.T. -0.00 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

Instrument :

BNA_G

ClientSampleId :

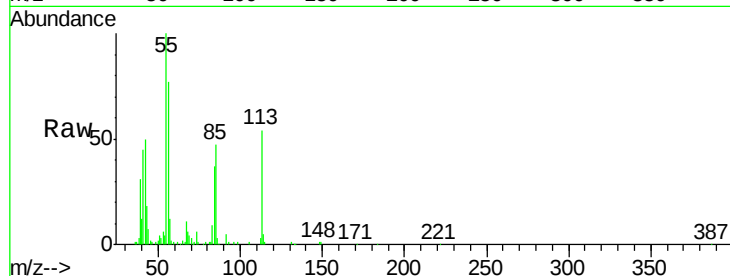
Tot Ion:113 Resp: 38689

Ion Ratio Lower Upper

113 100

55 184.8 154.5 194.5

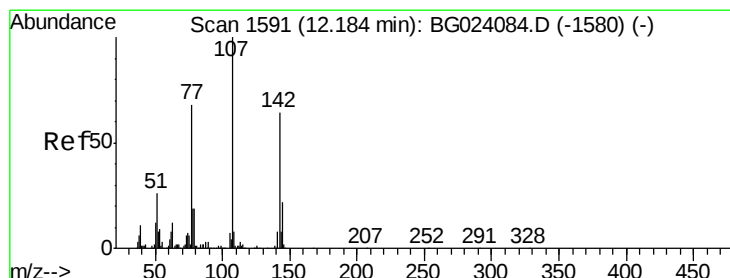
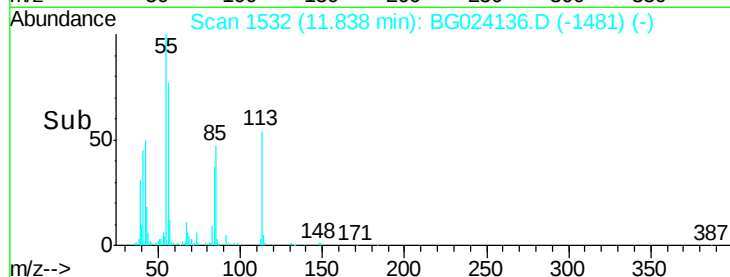
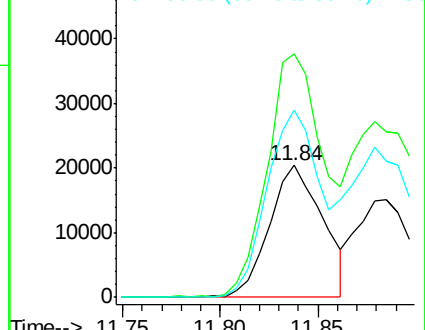
56 142.5 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG024136.D (-1524) (-)

Ion 56.00 (55.70 to 56.70): BG024136.D (-1524) (-)



#36

4-Chloro-3-methylphenol

Concen: 50.37 ng

RT: 12.18 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

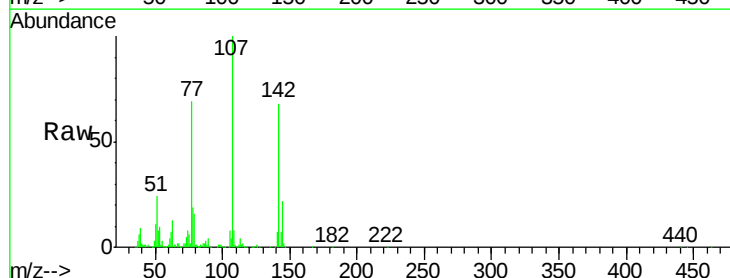
Tgt Ion:107 Resp: 290444

Ion Ratio Lower Upper

107 100

144 22.0 17.0 25.6

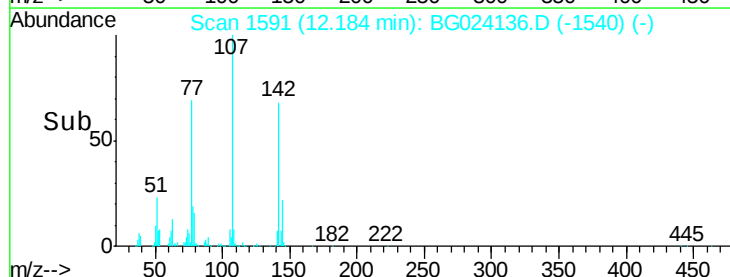
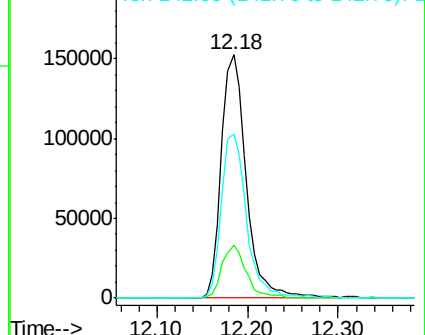
142 67.7 53.0 79.6

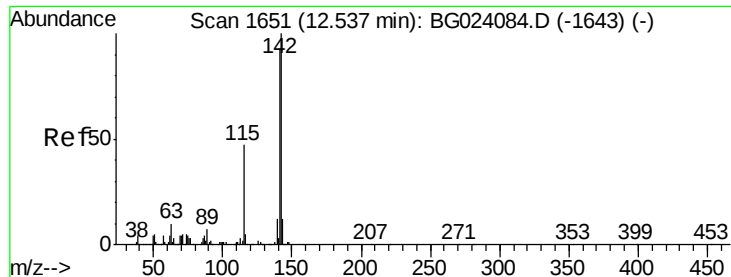


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

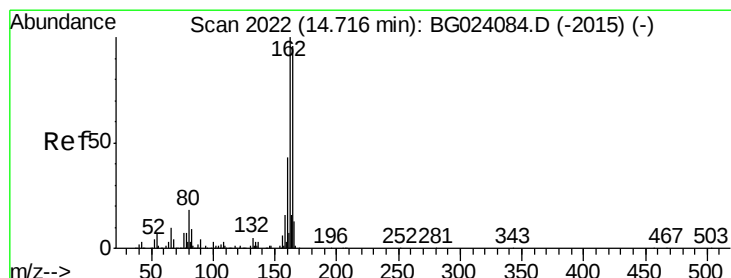
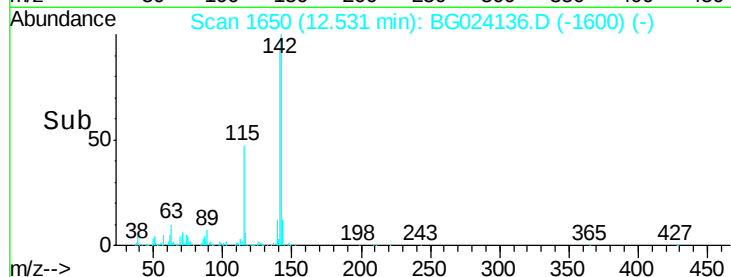
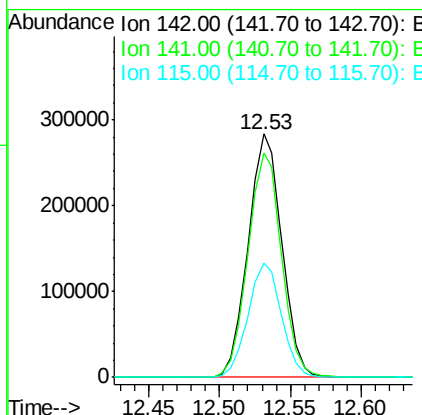
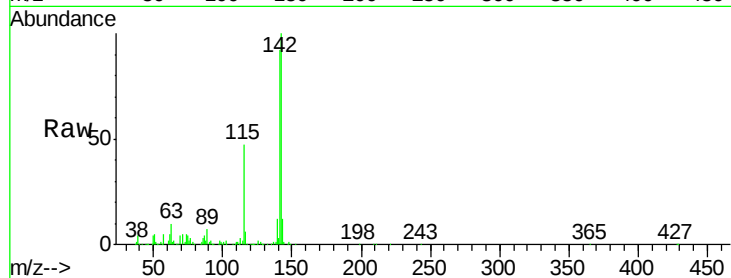




#37
2-Methylnaphthalene
Concen: 50.21 ng
RT: 12.53 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

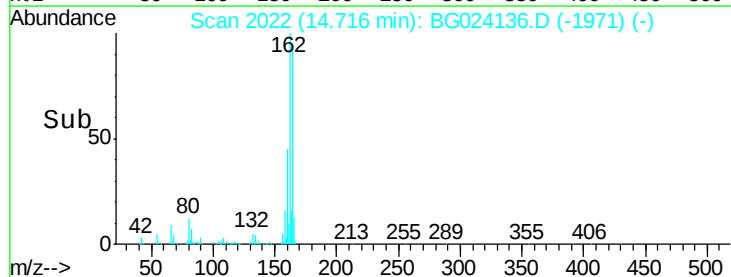
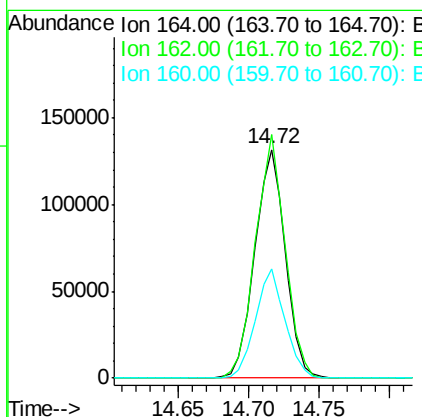
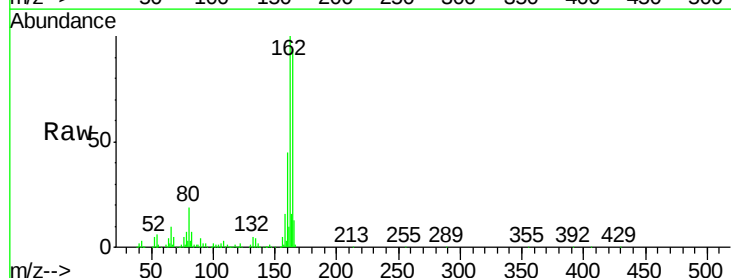
Instrument :
BNA_G
ClientSampleId :

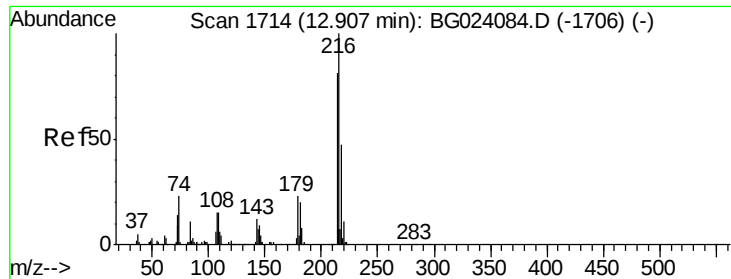
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	70.2	105.2
115	47.1	41.7	62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	87.7	131.5
160	47.6	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.17 ng

RT: 12.90 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

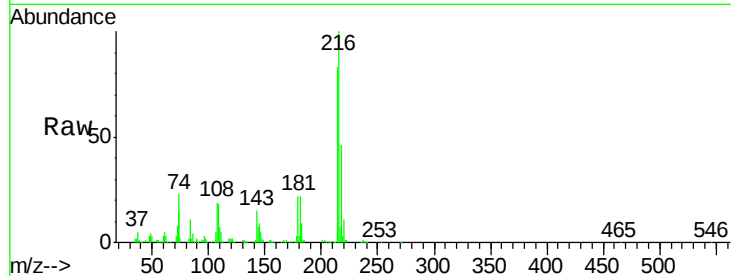
Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 246287

Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.9	94.3
179	21.6	17.2	25.8
108	21.7	16.3	24.5

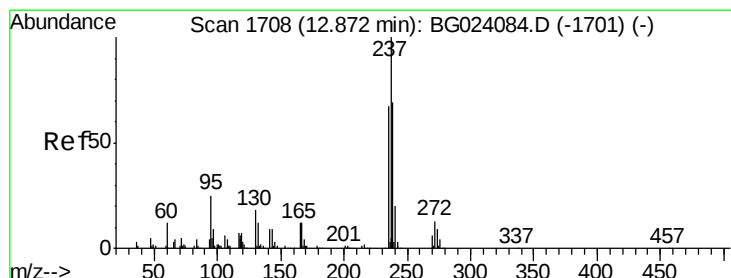
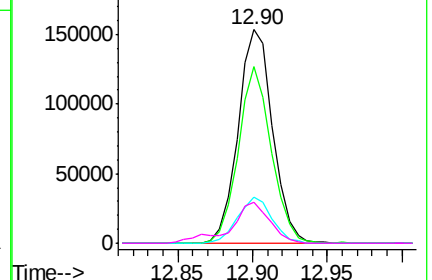
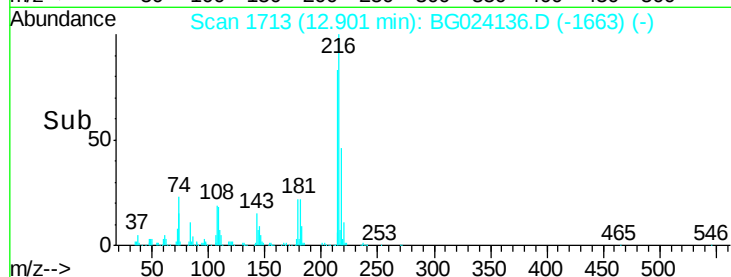


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.17 ng

RT: 12.87 min Scan# 1707

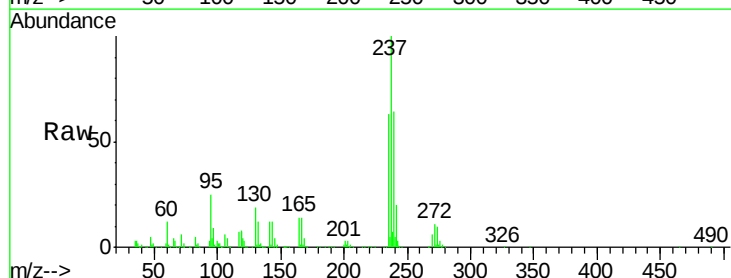
Delta R.T. -0.01 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

Tgt Ion:237 Resp: 239306

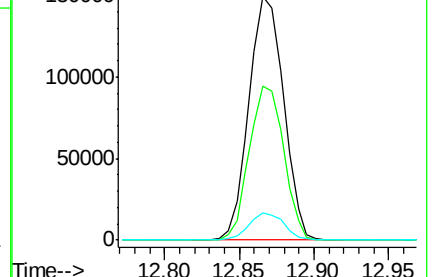
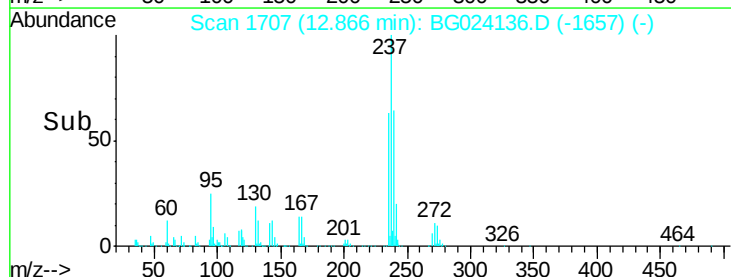
Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.1	83.1
272	11.0	0.0	30.9

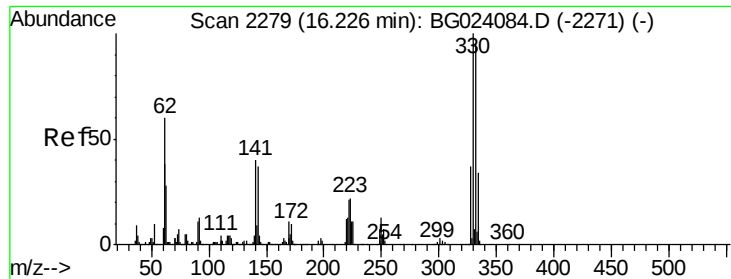


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

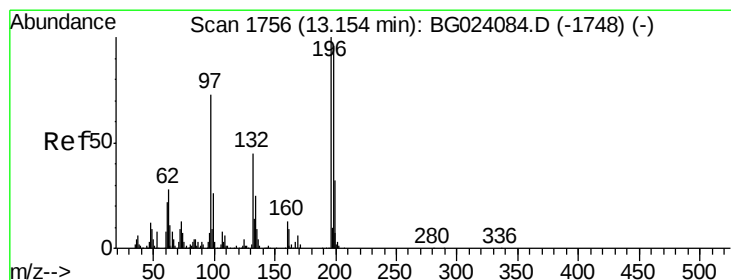
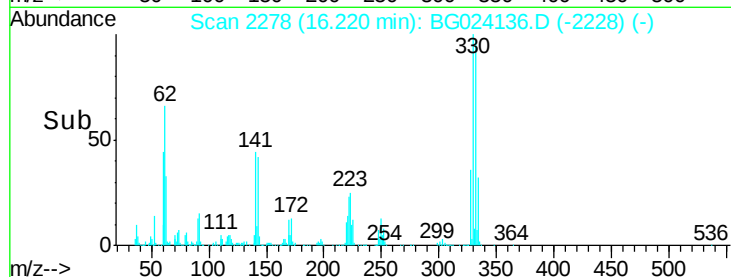
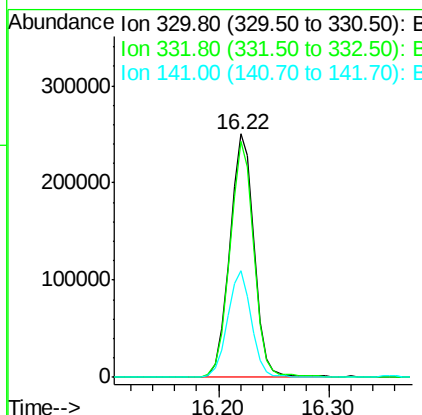
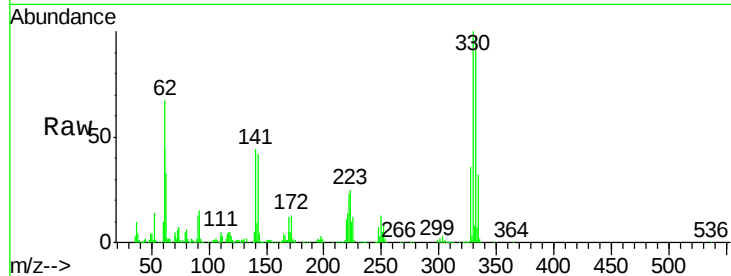




#41
 2,4,6-Tribromophenol
 Concen: 134.23 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG024136.D
 Acq: 26 Sep 2016 10:56

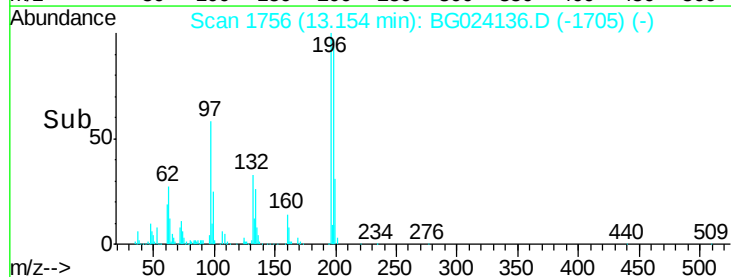
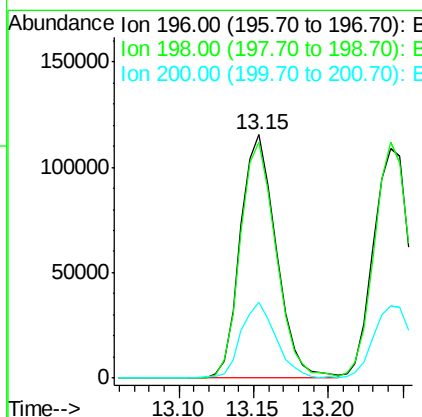
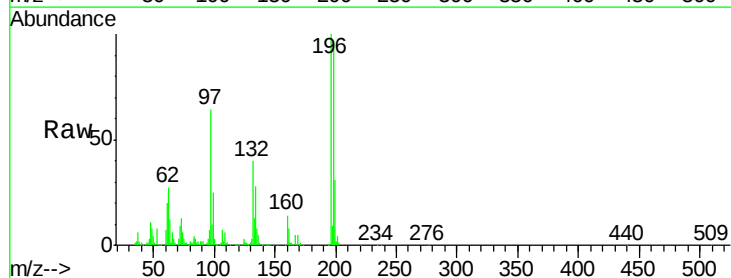
Instrument :
 BNA_G
 ClientSampleId :

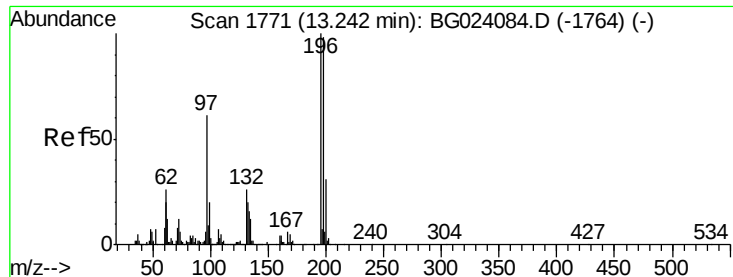
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.2
141	42.7	31.7	47.5



#42
 2,4,6-Trichlorophenol
 Concen: 51.01 ng
 RT: 13.15 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: BG024136.D
 Acq: 26 Sep 2016 10:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	78.2	117.2
200	30.9	27.0	40.4

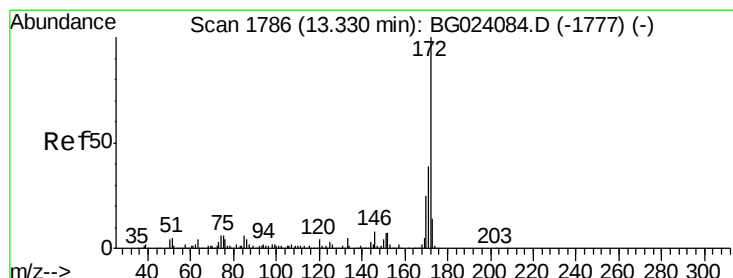
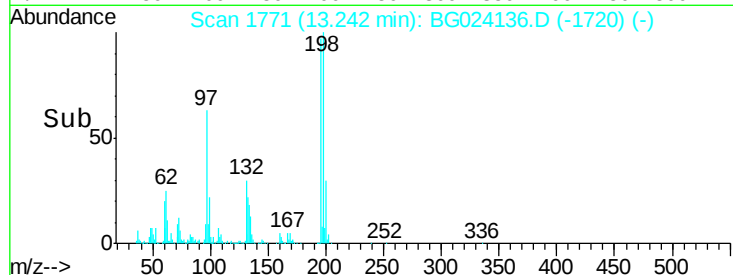
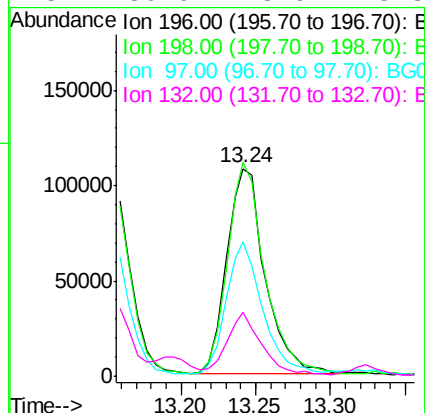
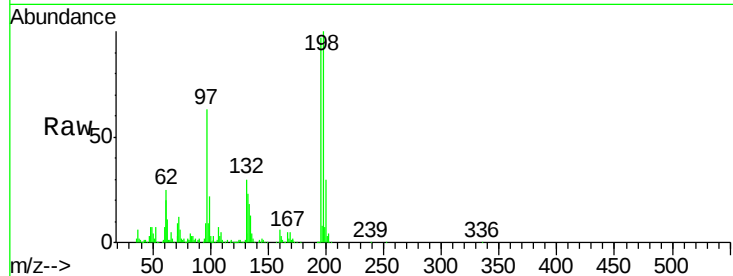




#43
 2,4,5-Trichlorophenol
 Concen: 50.02 ng
 RT: 13.24 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG024136.D
 Acq: 26 Sep 2016 10:56

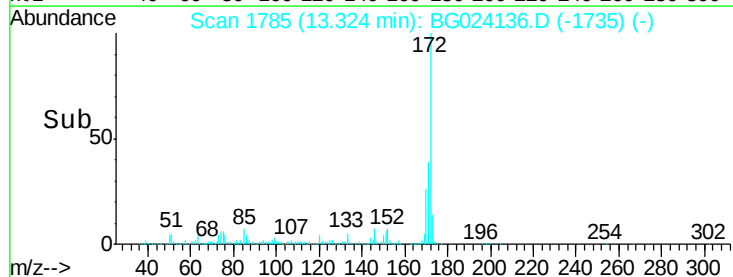
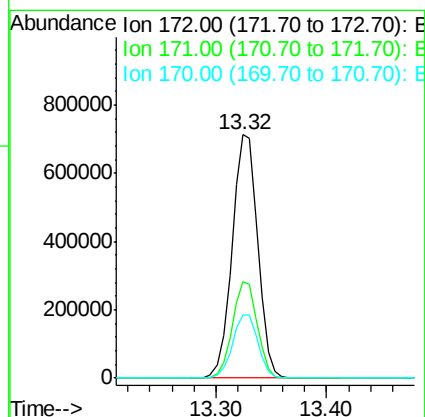
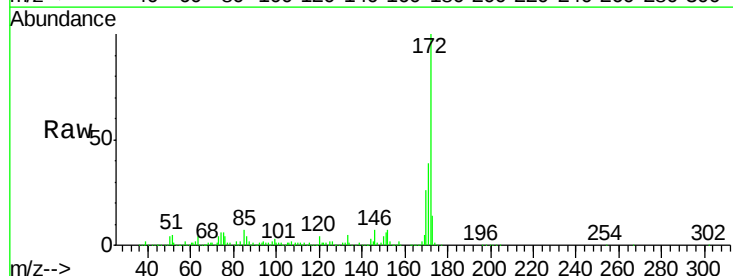
Instrument :
 BNA_G
 ClientSampleId :

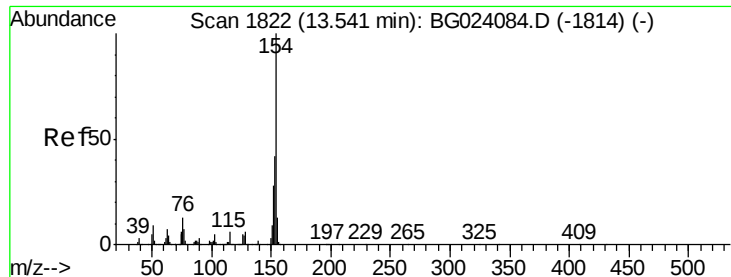
Tot Ion	Ratio	Lower	Upper
196	100		
198	102.8	85.7	128.5
97	65.0	45.5	68.3
132	30.9	18.9	28.3



#44
 2-Fluorobiphenyl
 Concen: 97.13 ng
 RT: 13.32 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG024136.D
 Acq: 26 Sep 2016 10:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	31.6	47.4
170	26.1	21.3	31.9





#45

1,1'-Biphenyl

Concen: 43.84 ng

RT: 13.54 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

Instrument :

BNA_G

ClientSampleId :

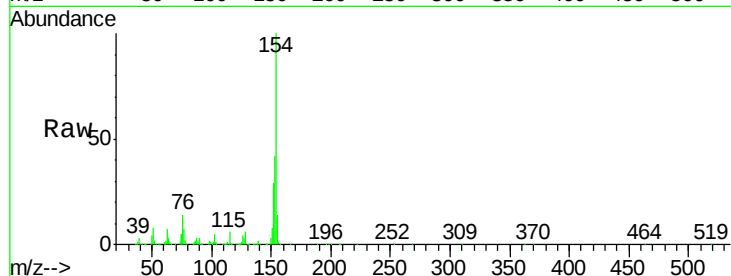
Tot Ion:154 Resp: 599812

Ion Ratio Lower Upper

154 100

153 41.6 20.2 60.2

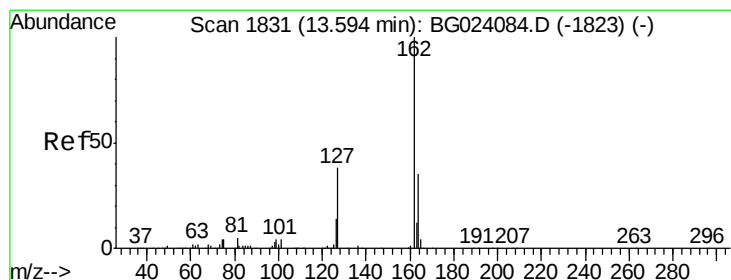
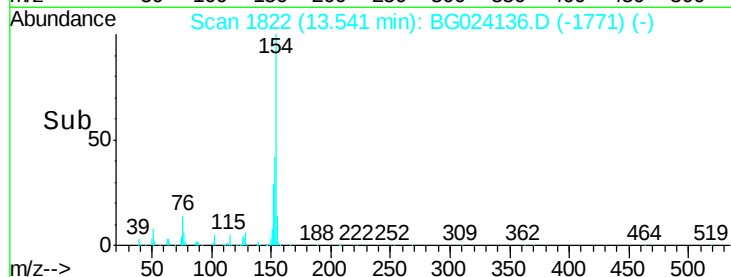
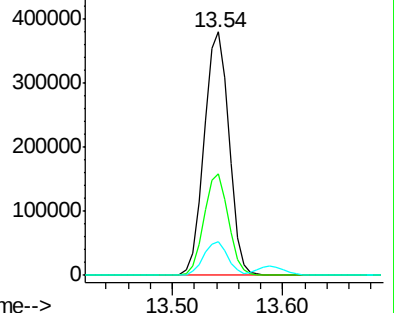
76 13.9 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 51.33 ng

RT: 13.59 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

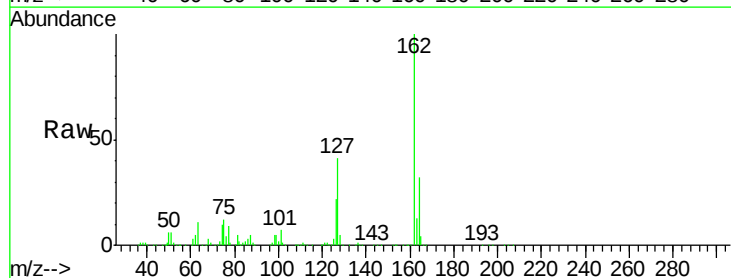
Tgt Ion:162 Resp: 524326

Ion Ratio Lower Upper

162 100

127 41.2 32.4 48.6

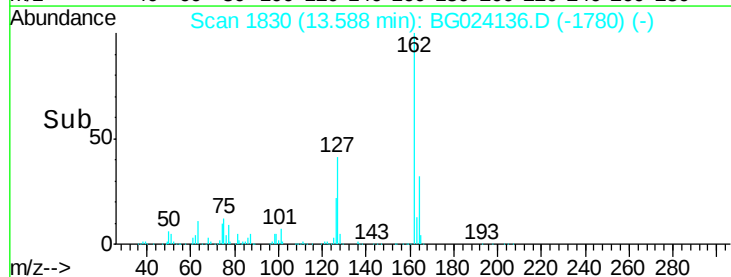
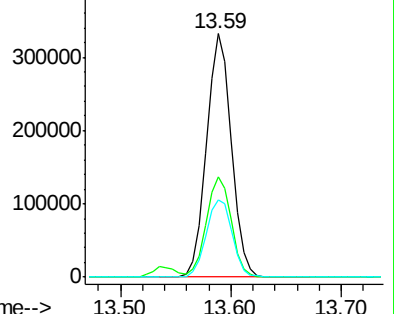
164 32.0 25.2 37.8

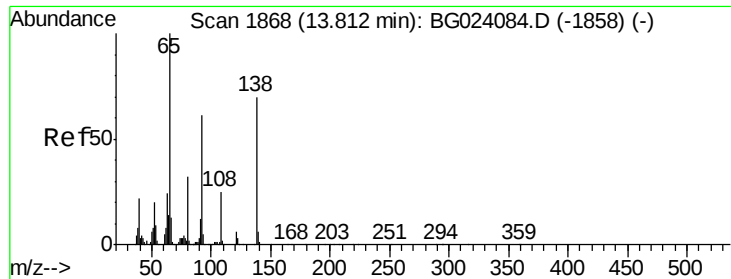


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.92 ng

RT: 13.81 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

Instrument :

BNA_G

ClientSampleId :

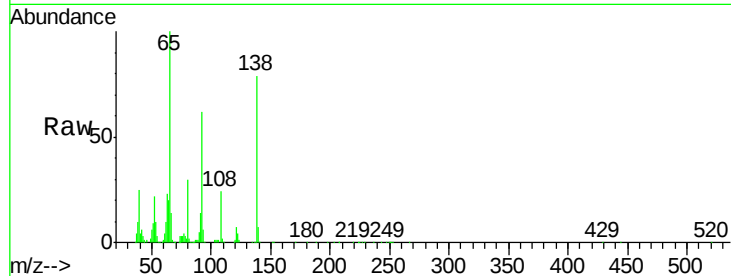
Tot Ion: 65 Resp: 237273

Ion	Ratio	Lower	Upper
65	100		
92	62.4	49.4	74.0
138	79.1	58.0	87.0

65 100

92 62.4 49.4 74.0

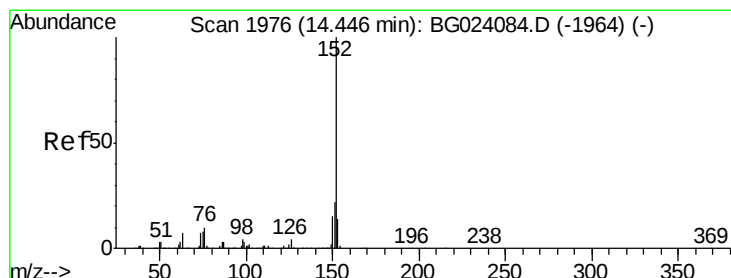
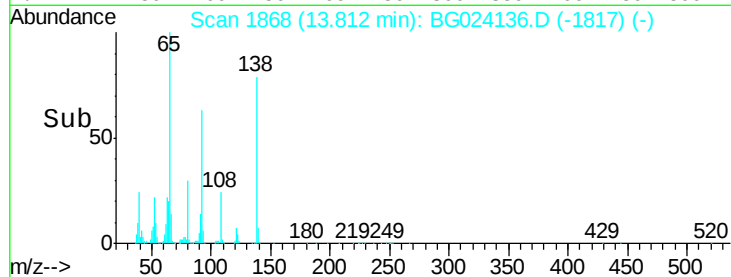
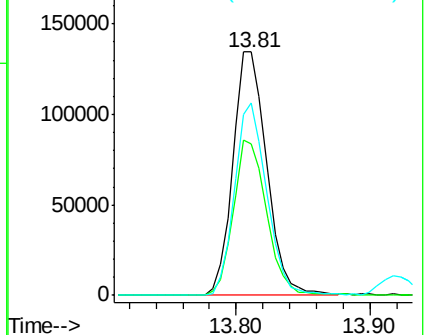
138 79.1 58.0 87.0



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 49.31 ng

RT: 14.44 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

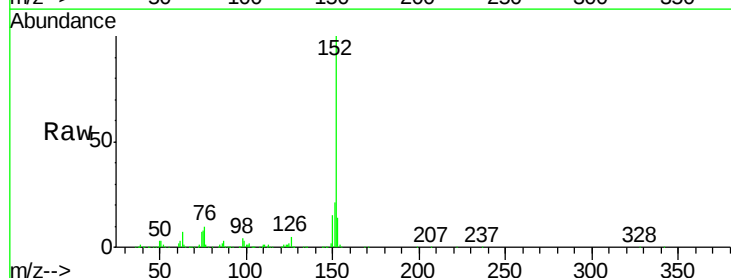
Tgt Ion: 152 Resp: 855048

Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.6	26.4
153	13.6	11.4	17.2

152 100

151 20.7 17.6 26.4

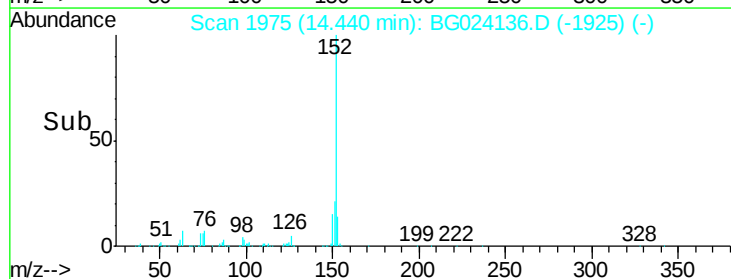
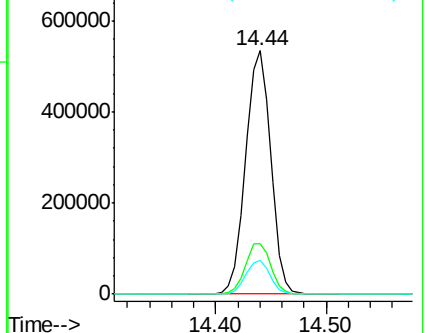
153 13.6 11.4 17.2

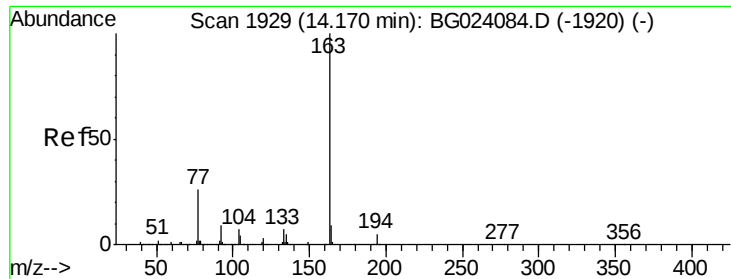


Abundance Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC

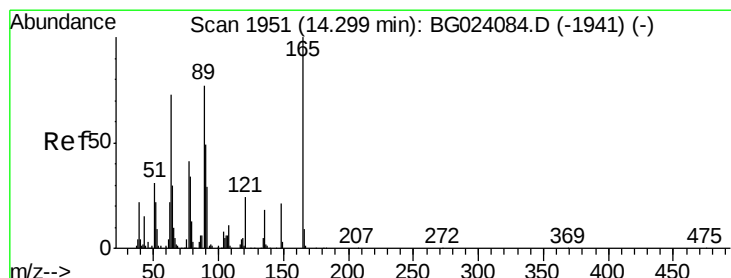
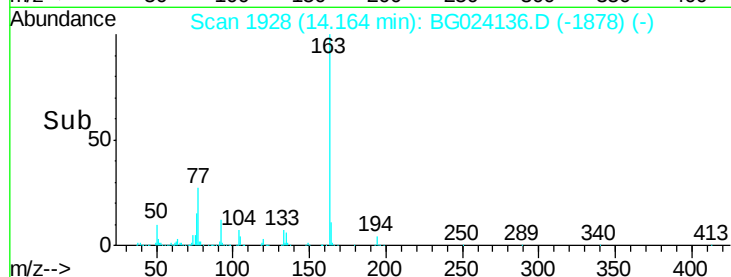
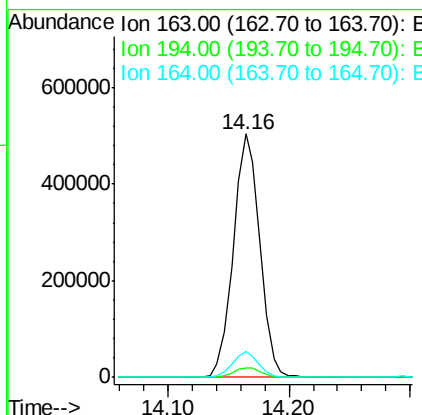
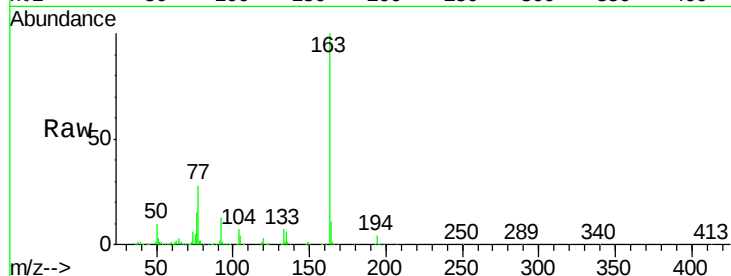




#49
Dimethylphthalate
Concen: 49.75 ng
RT: 14.16 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

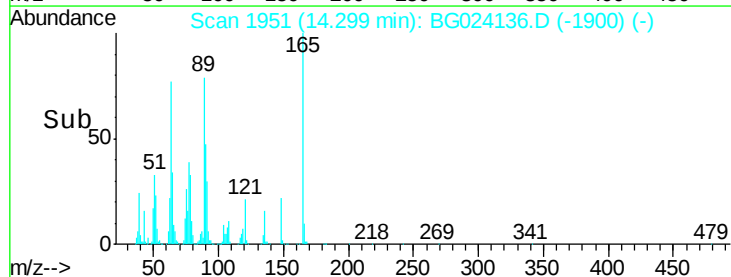
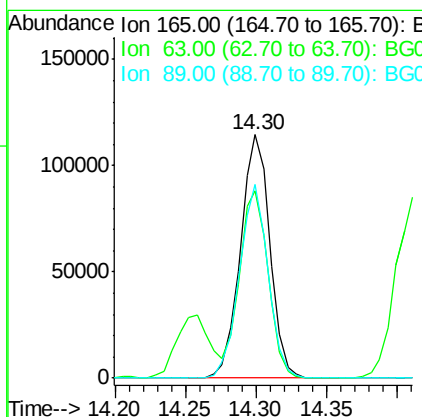
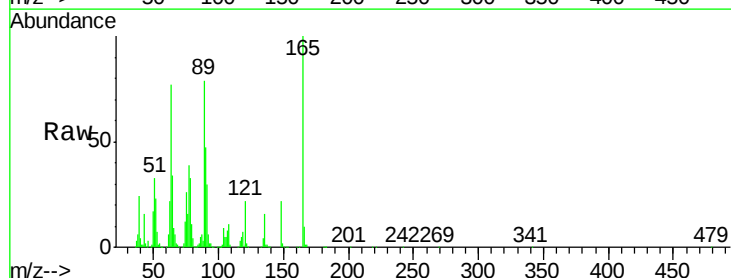
Instrument :
BNA_G
ClientSampleId :

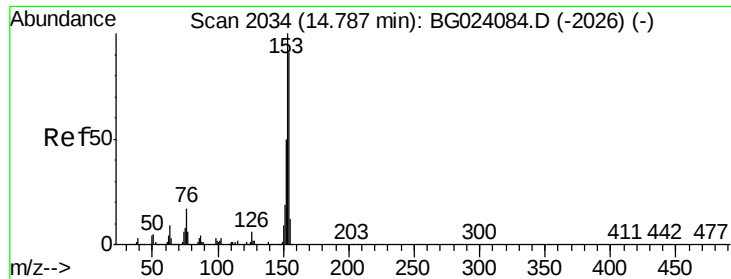
Tot Ion:163 Resp: 763554
Ion Ratio Lower Upper
163 100
194 3.9 3.6 5.4
164 10.9 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 51.71 ng
RT: 14.30 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

Tgt Ion:165 Resp: 166720
Ion Ratio Lower Upper
165 100
63 77.0 64.3 96.5
89 79.3 64.3 96.5





#51

Acenaphthene

Concen: 51.17 ng

RT: 14.78 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

Instrument :

BNA_G

ClientSampleId :

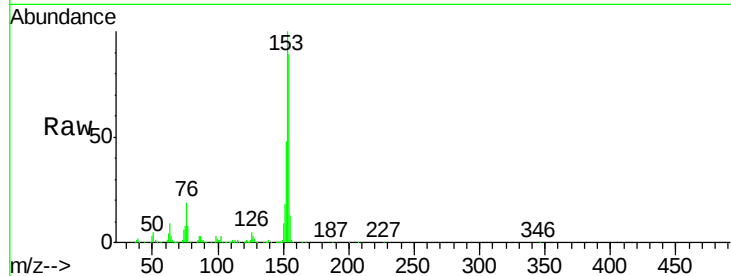
Tot Ion:154 Resp: 538110

Ion Ratio Lower Upper

154 100

153 111.8 87.5 131.3

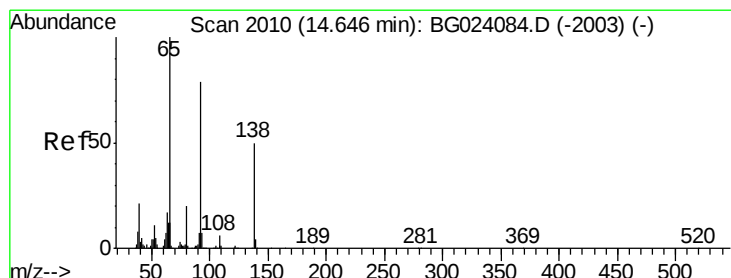
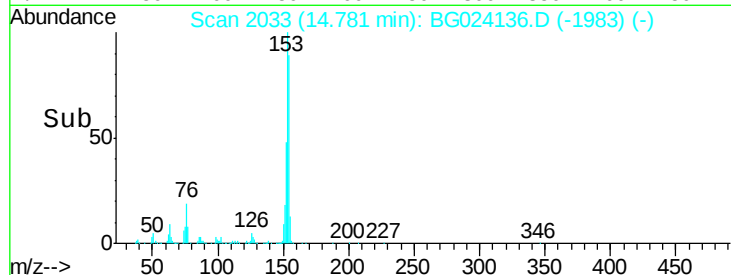
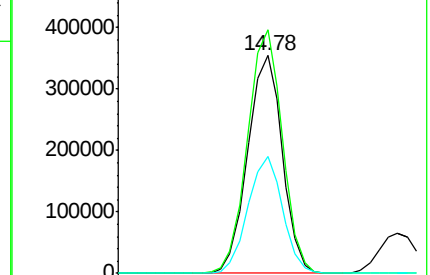
152 53.7 42.7 64.1



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: 31.91 ng

RT: 14.64 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

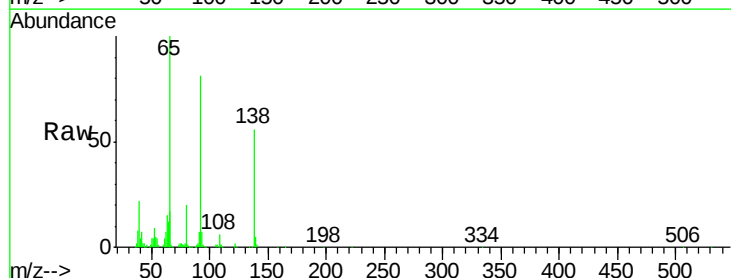
Tgt Ion:138 Resp: 102729

Ion Ratio Lower Upper

138 100

108 11.4 11.7 17.5#

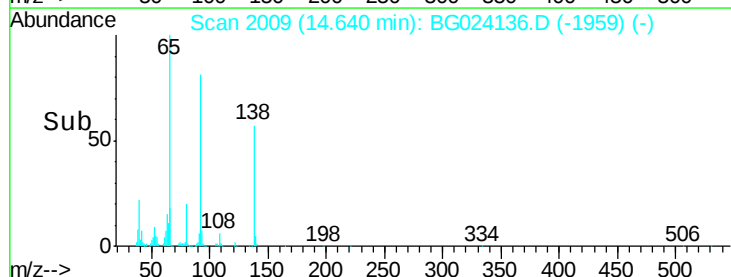
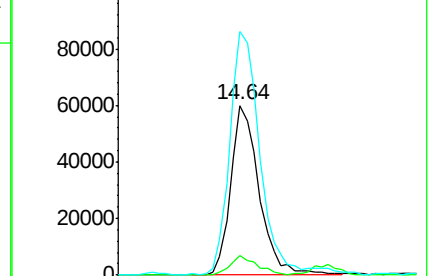
92 143.5 129.7 194.5

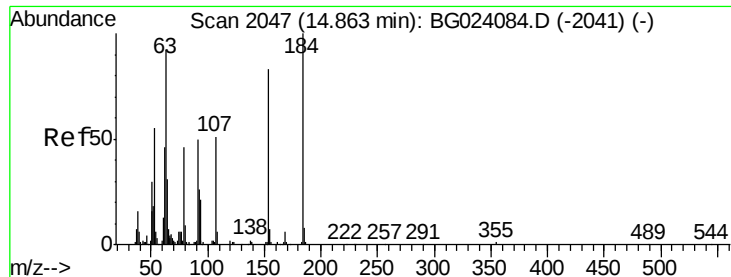


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

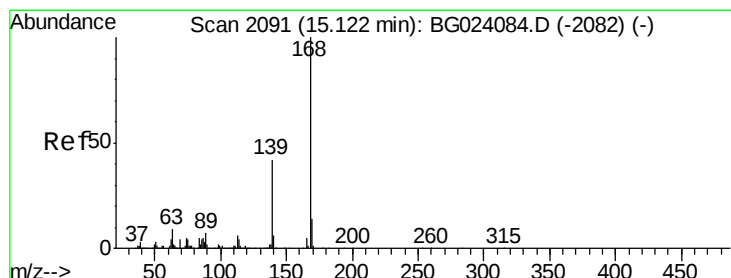
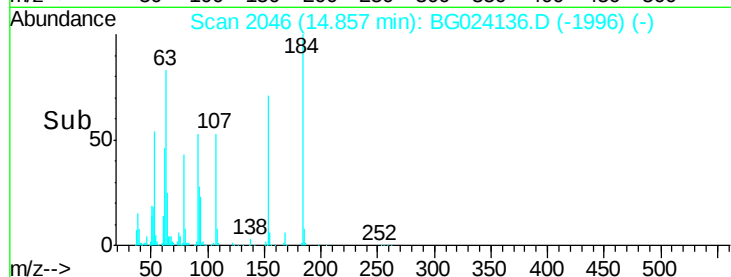
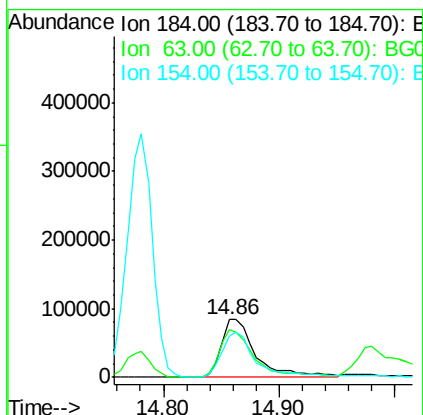
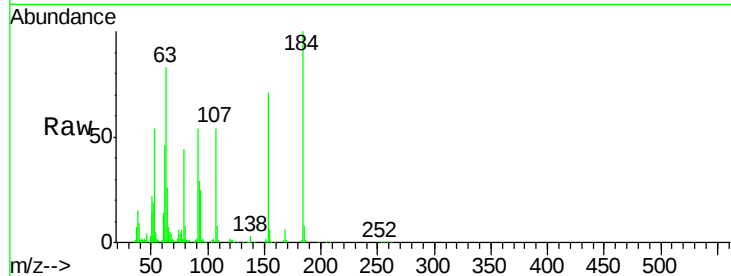




#53
2,4-Dinitrophenol
Concen: 74.99 ng
RT: 14.86 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

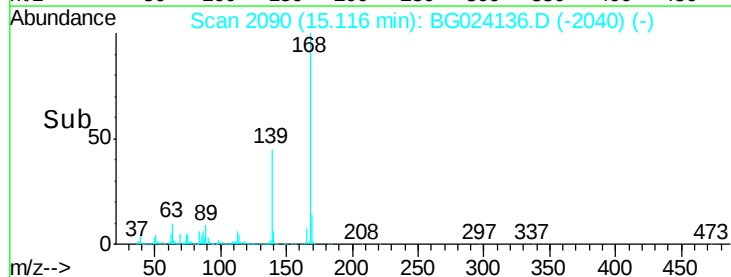
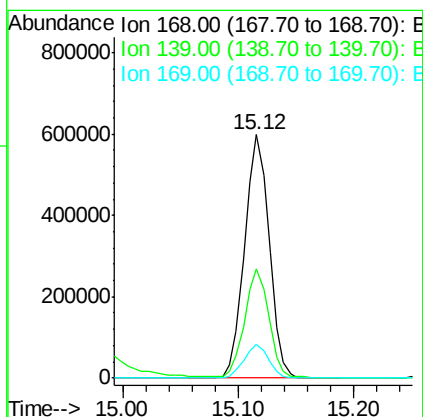
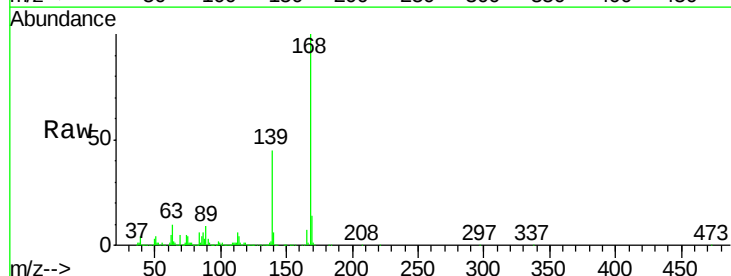
Instrument :
BNA_G
ClientSampled :

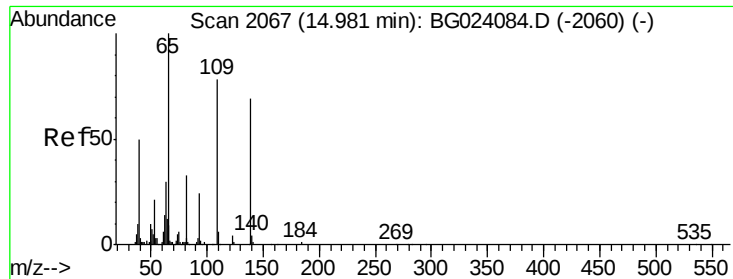
Tot Ion:184 Resp: 173567
Ion Ratio Lower Upper
184 100
63 83.2 59.6 89.4
154 70.7 67.4 101.0



#54
Dibenzofuran
Concen: 54.05 ng
RT: 15.12 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

Tgt Ion:168 Resp: 885062
Ion Ratio Lower Upper
168 100
139 44.9 36.4 54.6
169 13.8 11.9 17.9

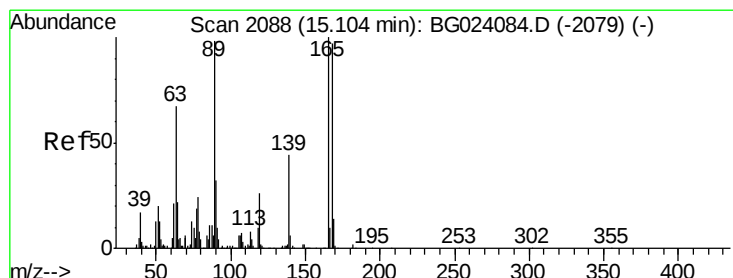
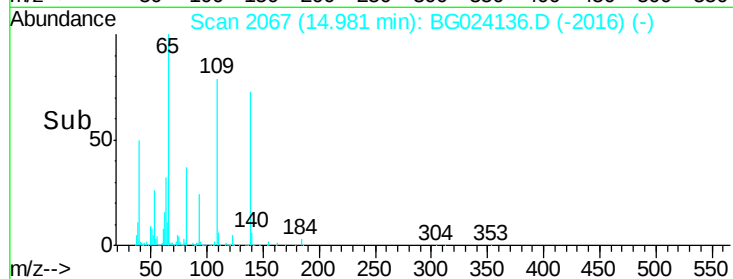
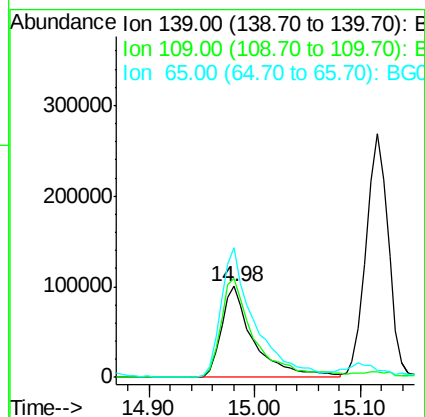
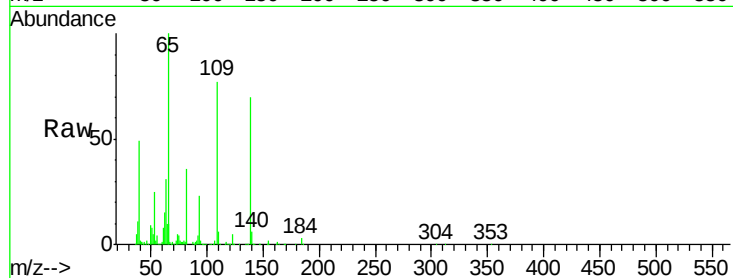




#55
4-Nitrophenol
Concen: 83.38 ng
RT: 14.98 min Scan# 2067
Delta R.T. 0.00 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

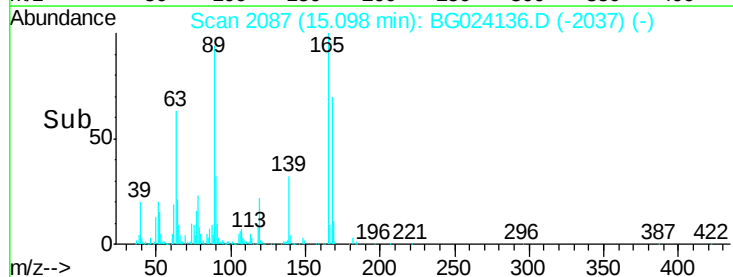
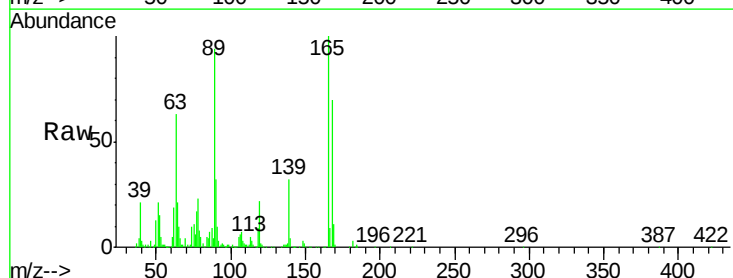
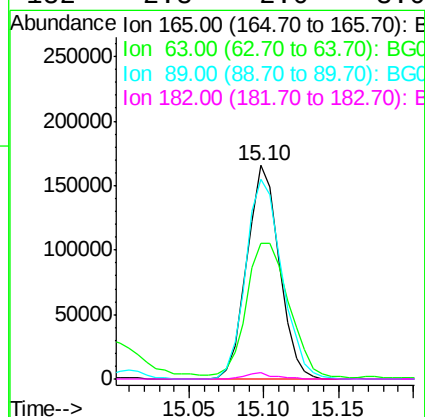
Instrument :
BNA_G
ClientSampleId :

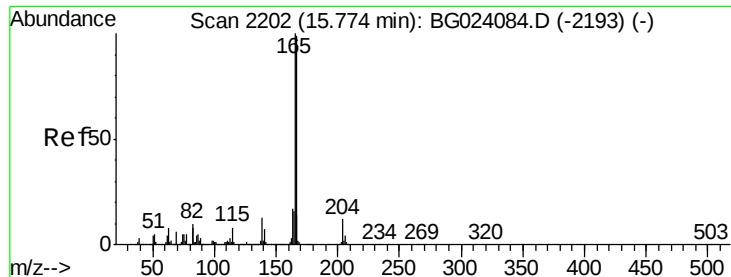
Tot Ion:139 Resp: 213804
Ion Ratio Lower Upper
139 100
109 108.7 103.0 143.0
65 142.1 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 50.41 ng
RT: 15.10 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

Tgt Ion:165 Resp: 247274
Ion Ratio Lower Upper
165 100
63 63.4 45.8 68.6
89 93.5 68.6 102.8
182 2.8 2.0 3.0

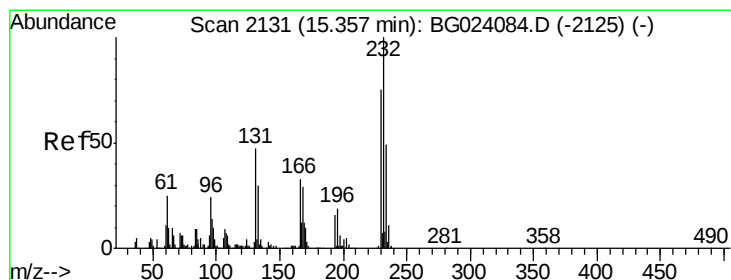
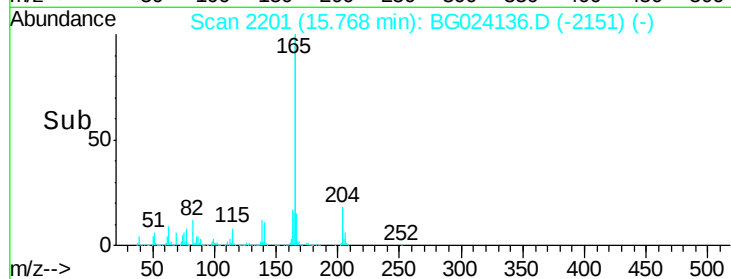
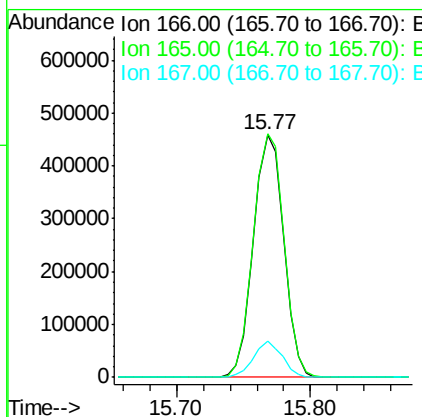
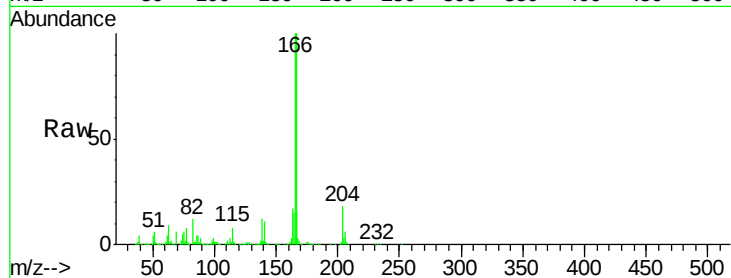




#57
Fluorene
 Concen: 50.35 ng
 RT: 15.77 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG024136.D
 Acq: 26 Sep 2016 10:56

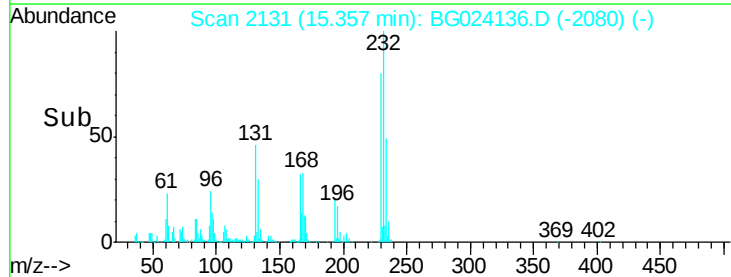
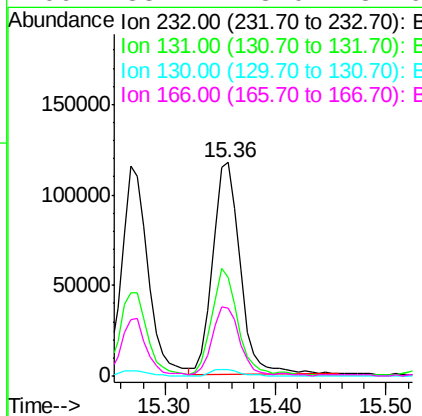
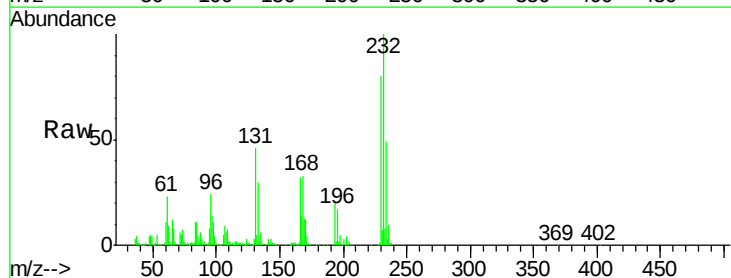
Instrument :
 BNA_G
 ClientSampleId :

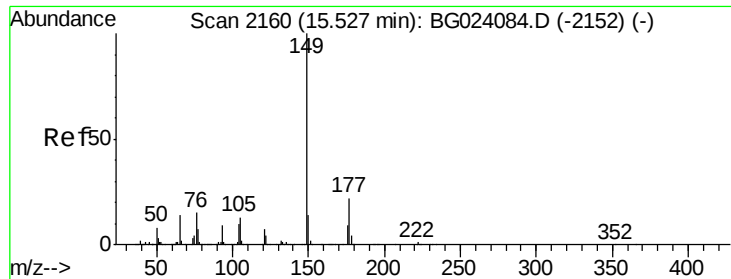
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.2	81.0	121.6
167	14.8	12.0	18.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 54.03 ng
 RT: 15.36 min Scan# 2131
 Delta R.T. -0.00 min
 Lab File: BG024136.D
 Acq: 26 Sep 2016 10:56

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.7	32.7	49.1
130	3.4	2.6	3.8
166	33.2	23.0	34.6

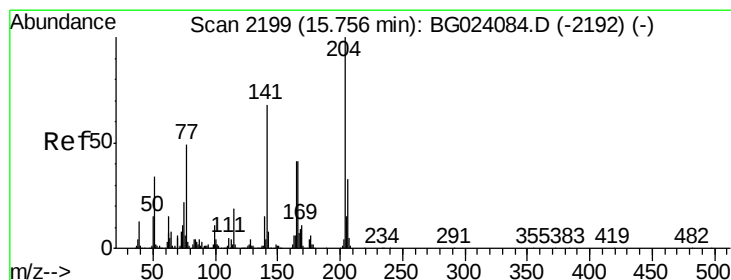
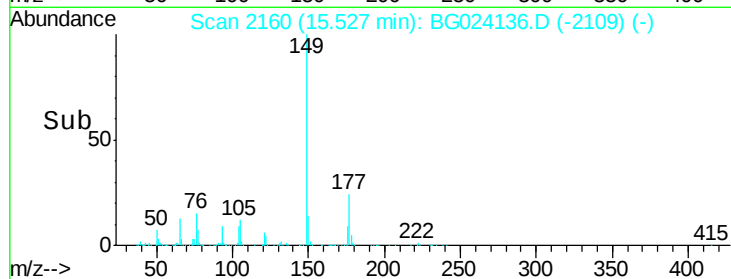
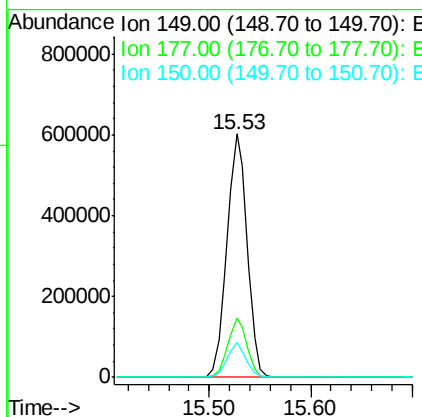
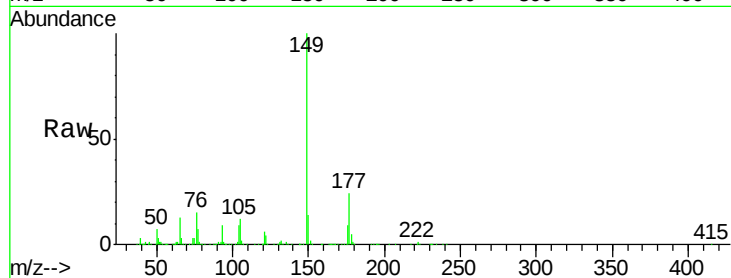




#59
Diethylphthalate
Concen: 50.19 ng
RT: 15.53 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

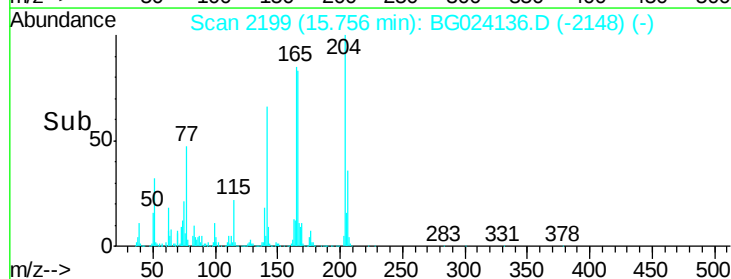
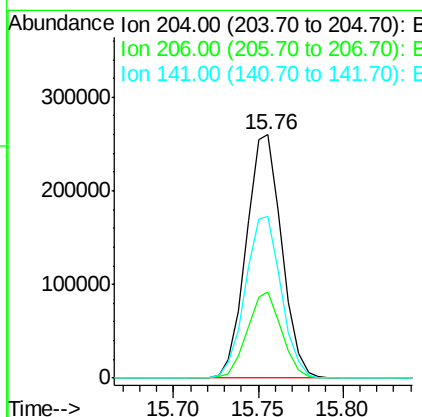
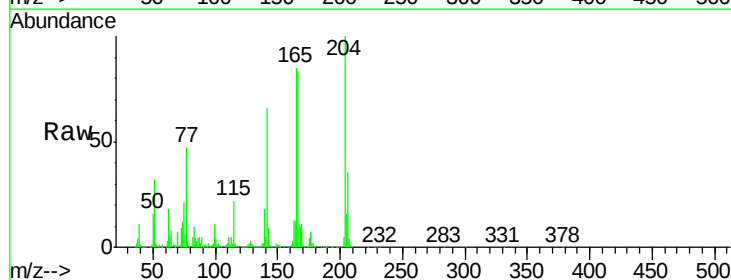
Instrument :
BNA_G
ClientSampleId :

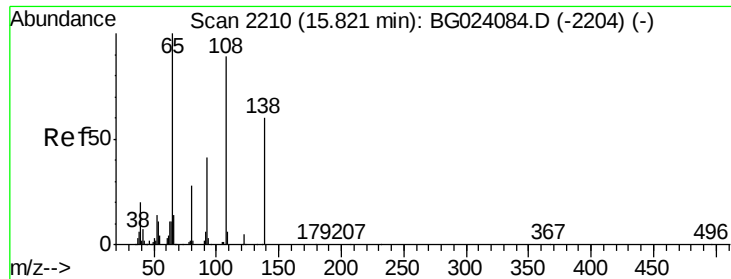
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.2	28.8
150	14.3	10.6	16.0



#60
4-Chlorophenyl-phenylether
Concen: 49.56 ng
RT: 15.76 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.7	28.5	42.7
141	66.5	51.4	77.0

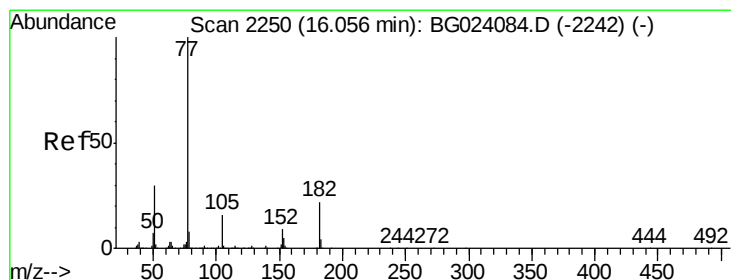
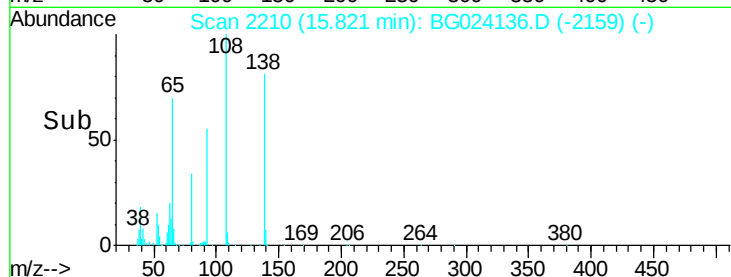
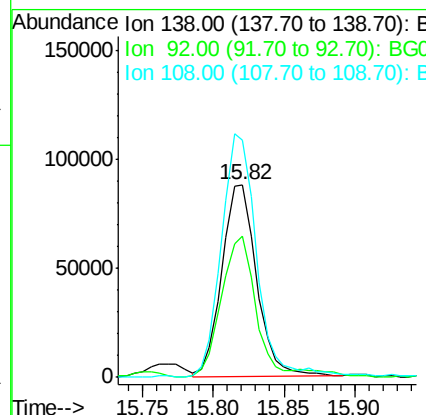
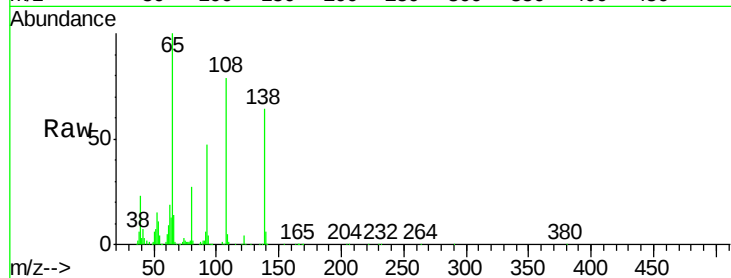




#61
4-Nitroaniline
Concen: 45.24 ng
RT: 15.82 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

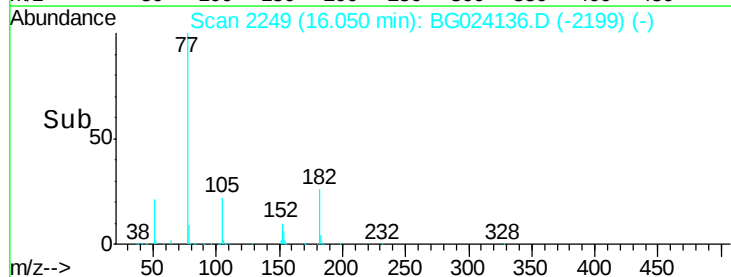
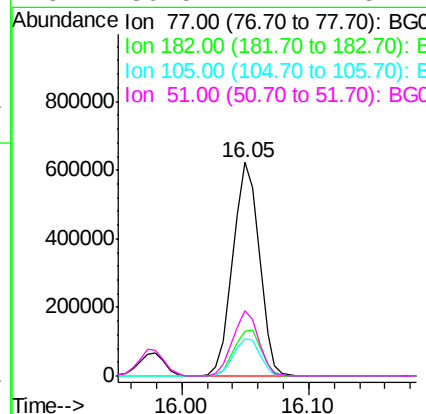
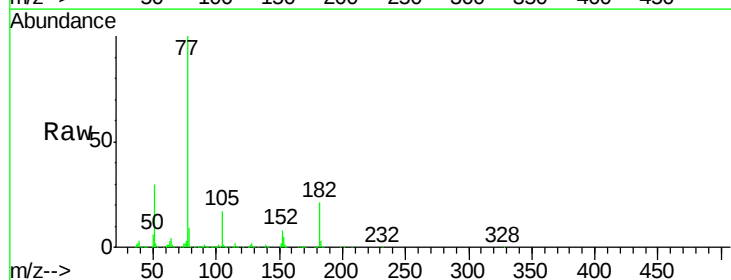
Instrument :
BNA_G
ClientSampled :

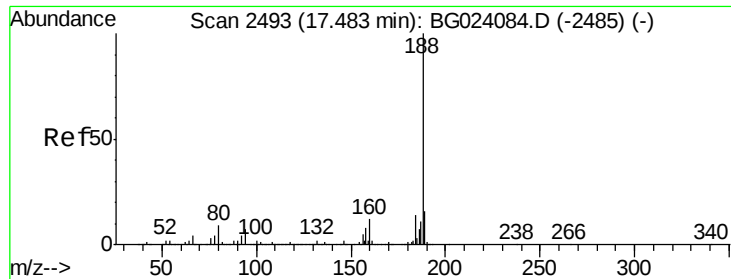
Tot Ion:138 Resp: 150890
Ion Ratio Lower Upper
138 100
92 73.1 54.1 94.1
108 122.8 133.9 173.9#



#62
Azobenzene
Concen: 53.30 ng
RT: 16.05 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

Tgt Ion: 77 Resp: 894973
Ion Ratio Lower Upper
77 100
182 21.2 3.5 43.5
105 17.4 0.0 38.5
51 30.5 17.1 57.1

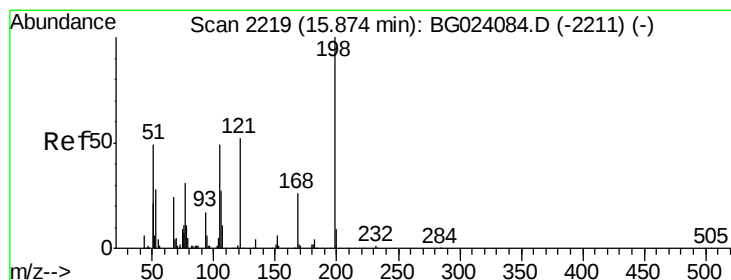
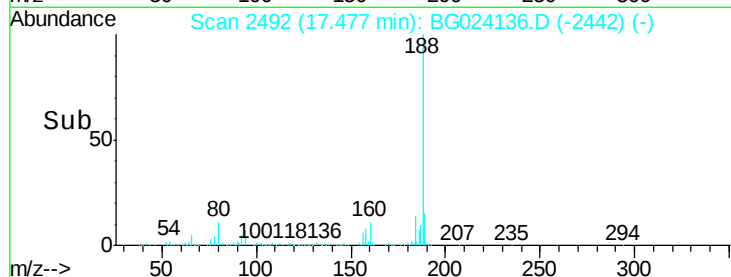
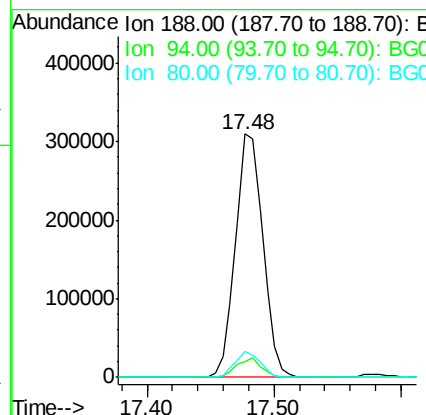
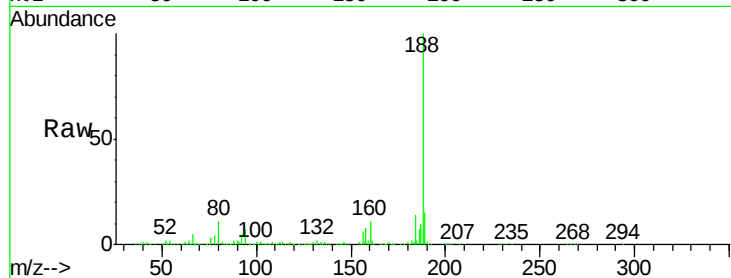




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.01 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

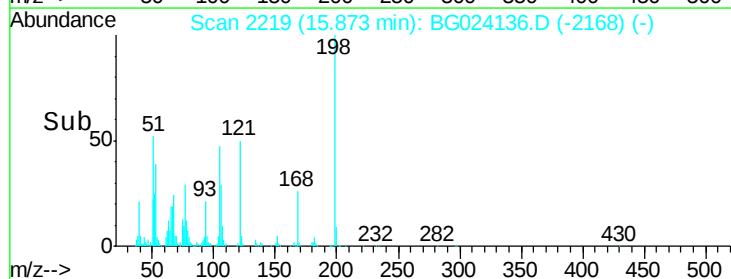
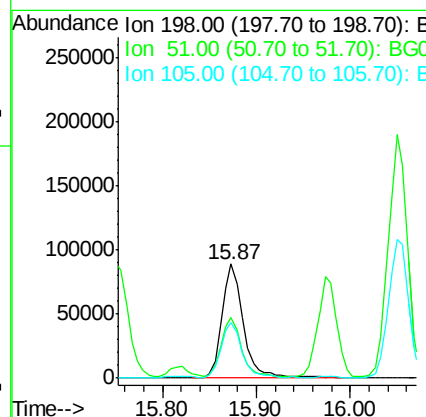
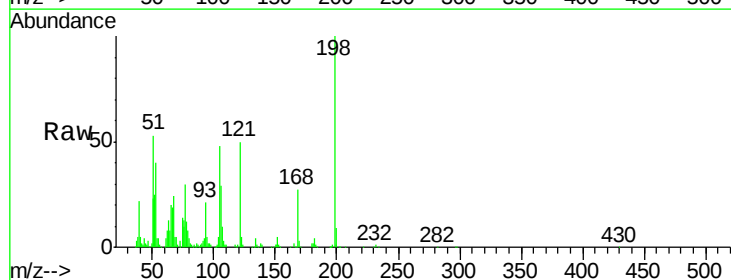
Instrument :
BNA_G
ClientSampleId :

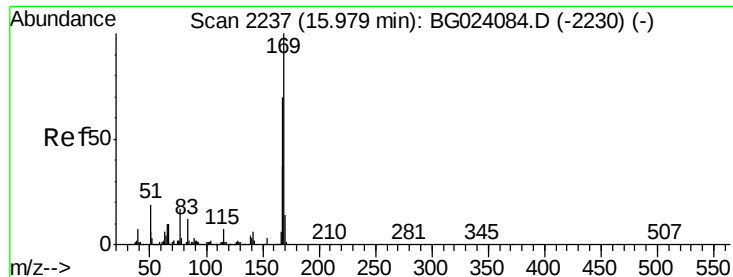
Tot Ion:188 Resp: 462965
Ion Ratio Lower Upper
188 100
94 6.6 5.2 7.8
80 10.9 7.2 10.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 44.33 ng
RT: 15.87 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

Tgt Ion:198 Resp: 142502
Ion Ratio Lower Upper
198 100
51 52.7 26.0 66.0
105 48.1 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 51.86 ng

RT: 15.98 min Scan# 2237

Delta R.T. -0.00 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

Instrument :

BNA_G

ClientSampleId :

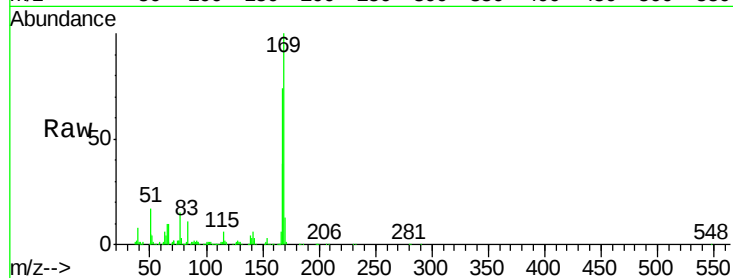
Tot Ion:169 Resp: 656821

Ion Ratio Lower Upper

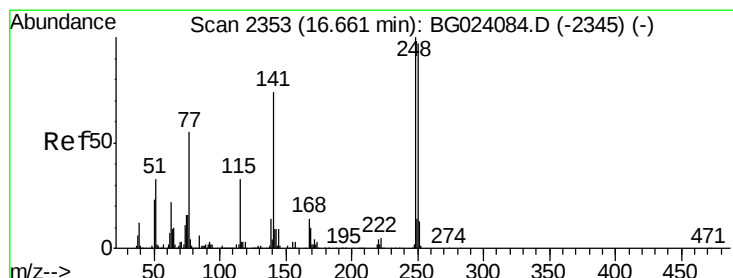
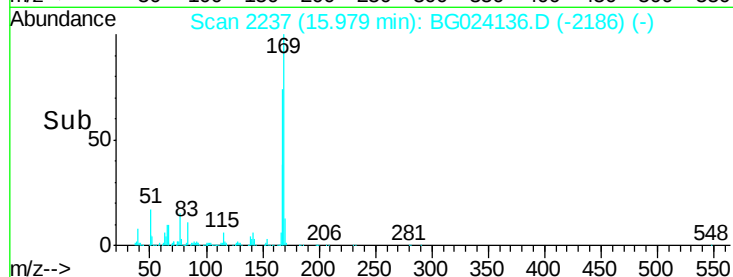
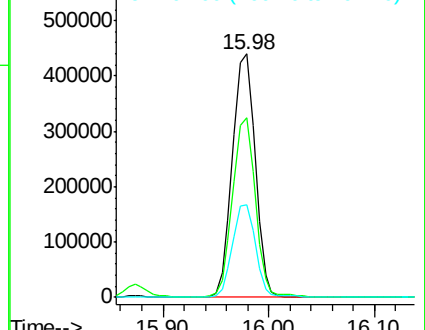
169 100

168 73.9 55.0 82.4

167 38.2 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: 50.06 ng

RT: 16.65 min Scan# 2352

Delta R.T. -0.01 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

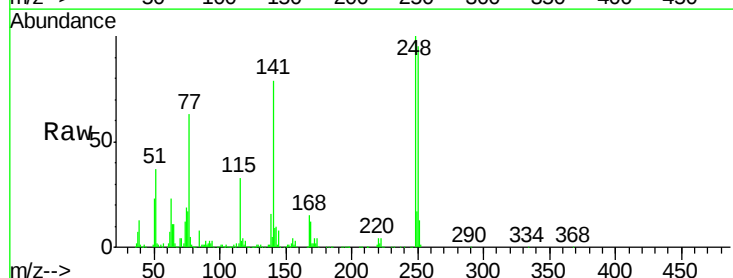
Tgt Ion:248 Resp: 268825

Ion Ratio Lower Upper

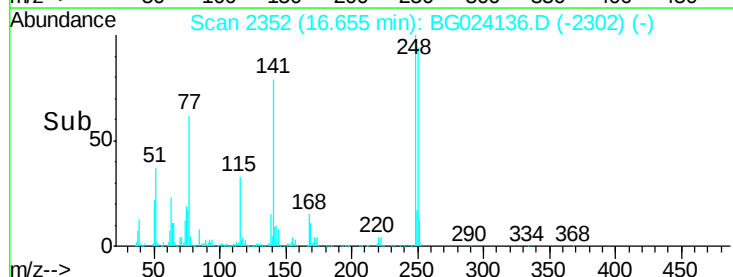
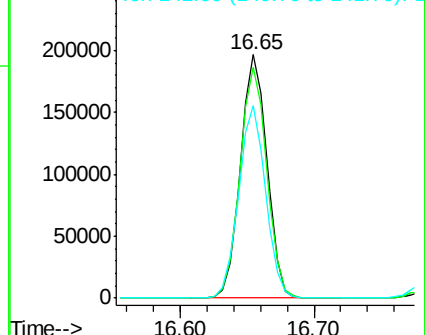
248 100

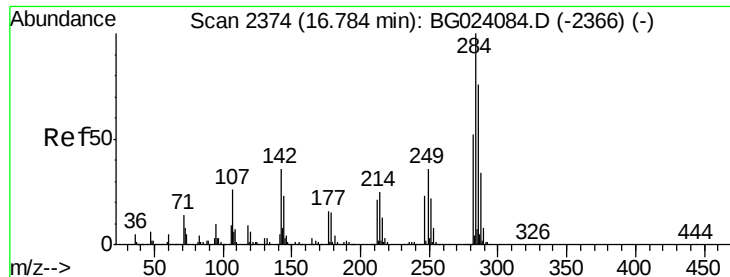
250 94.7 77.8 116.8

141 79.3 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

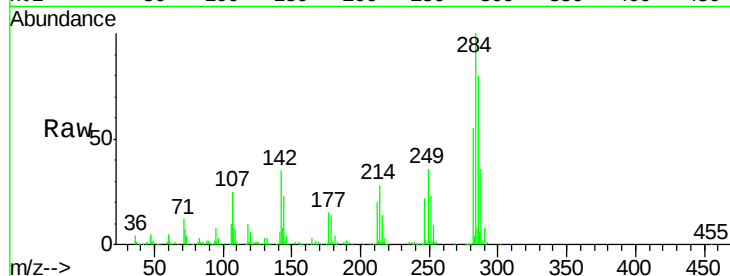




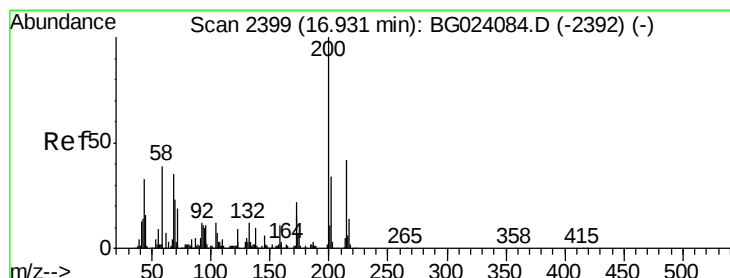
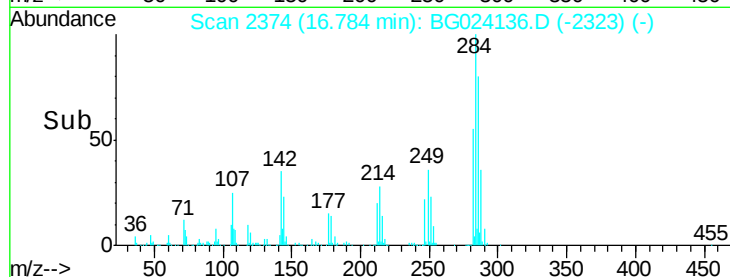
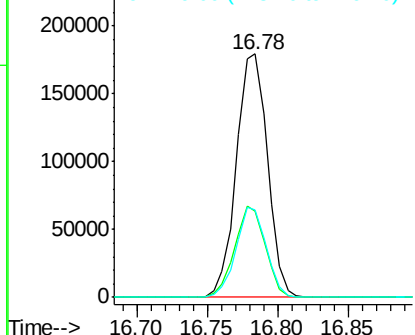
#67
Hexachlorobenzene
Concen: 45.65 ng
RT: 16.78 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.4	26.8	40.2
249	35.9	28.9	43.3

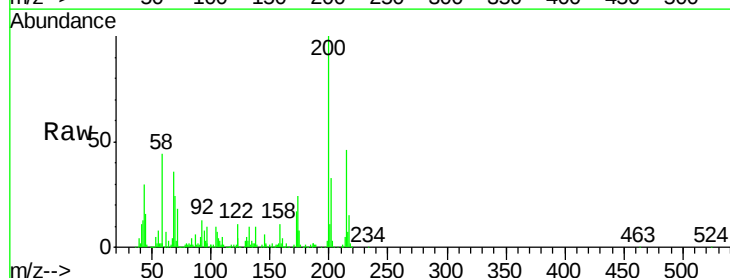


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

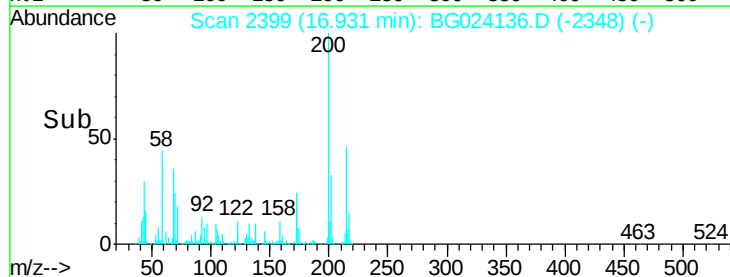
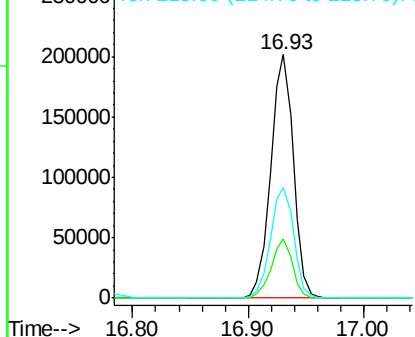


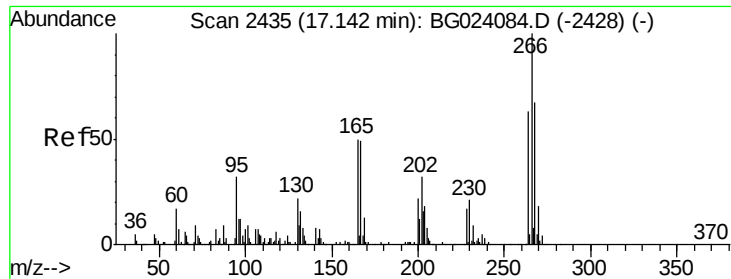
#68
Atrazine
Concen: 49.35 ng
RT: 16.93 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.3	1.6	41.6
215	45.6	28.7	68.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

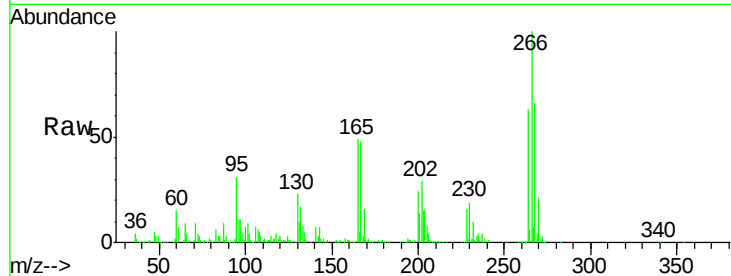




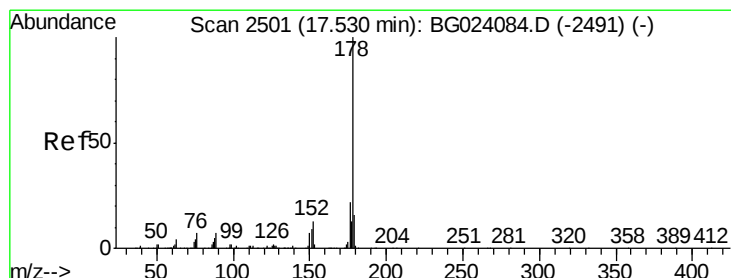
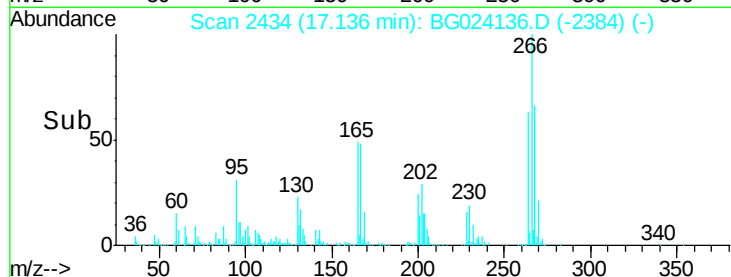
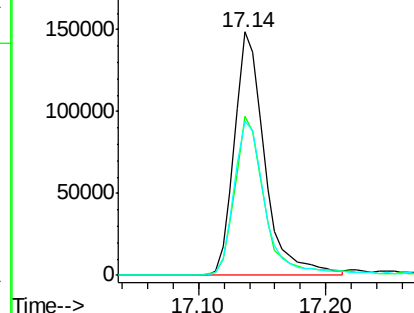
#69
 Pentachlorophenol
 Concen: 78.40 ng
 RT: 17.14 min Scan# 2434
 Delta R.T. -0.01 min
 Lab File: BG024136.D
 Acq: 26 Sep 2016 10:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.6	51.9	77.9
264	63.4	50.6	75.8

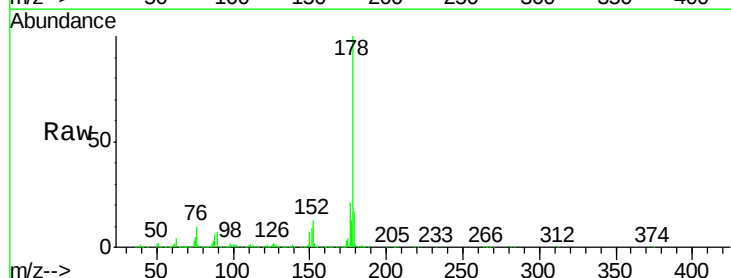


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

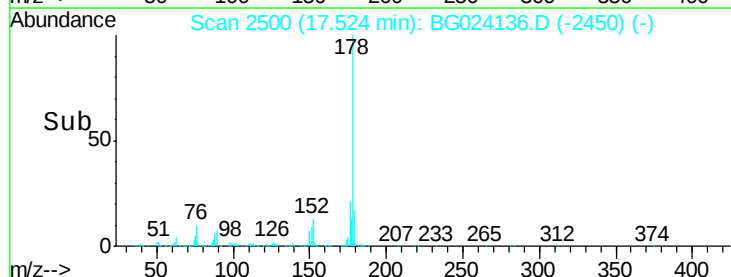
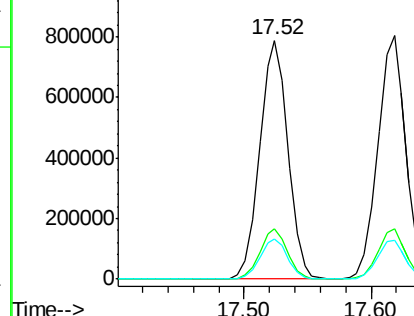


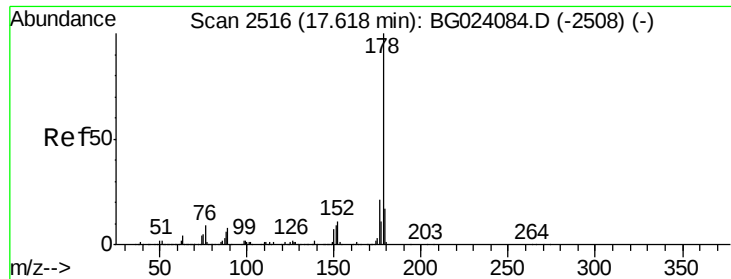
#70
 Phenanthrene
 Concen: 51.66 ng
 RT: 17.52 min Scan# 2500
 Delta R.T. -0.01 min
 Lab File: BG024136.D
 Acq: 26 Sep 2016 10:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.8	25.2
179	16.7	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: 50.77 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.00 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

Instrument :

BNA_G

ClientSampleId :

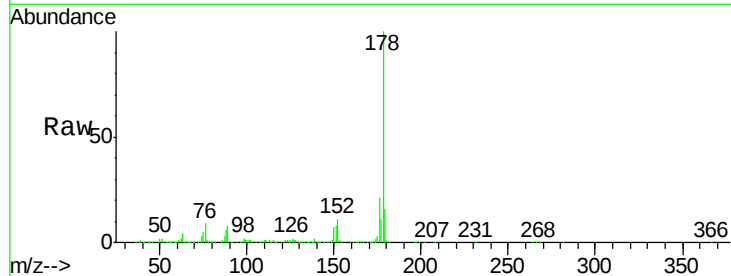
Tot Ion:178 Resp: 1229771

Ion	Ratio	Lower	Upper
178	100		
176	20.6	17.3	25.9
179	16.2	14.0	21.0

178 100

176 20.6 17.3 25.9

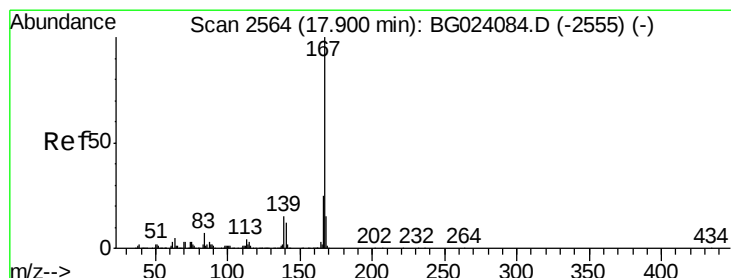
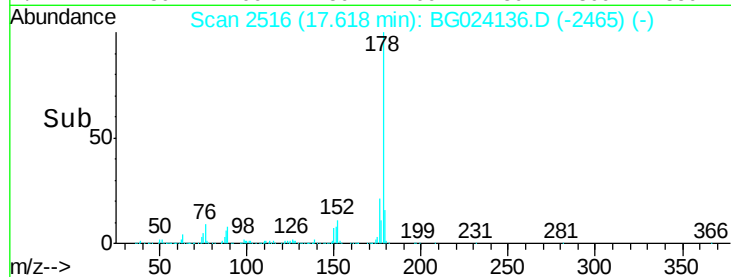
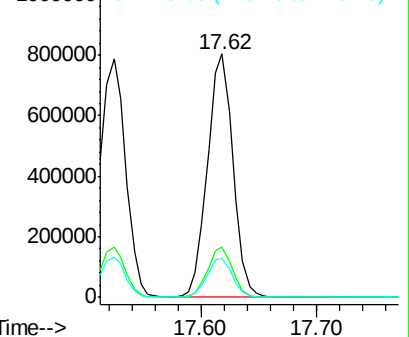
179 16.2 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 47.81 ng

RT: 17.89 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

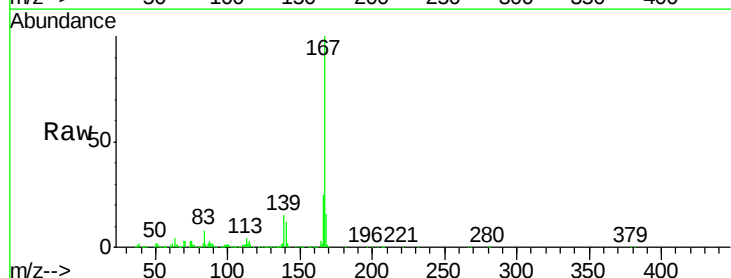
Tgt Ion:167 Resp: 1078131

Ion	Ratio	Lower	Upper
167	100		
166	24.7	20.7	31.1
139	15.0	11.9	17.9

167 100

166 24.7 20.7 31.1

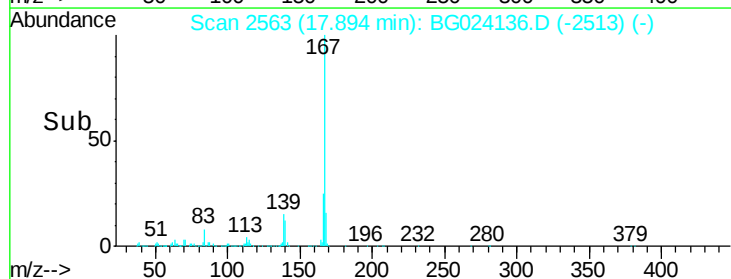
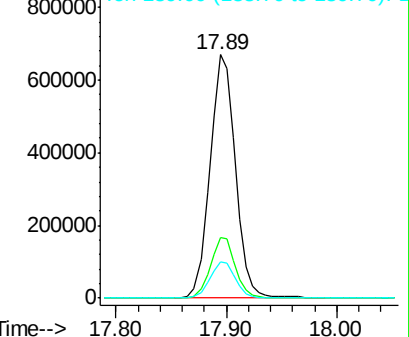
139 15.0 11.9 17.9

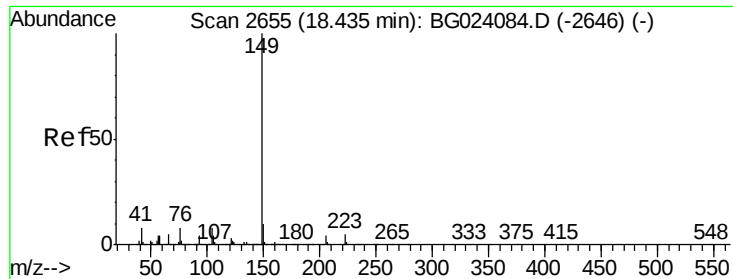


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.59 ng

RT: 18.43 min Scan# 2654

Delta R.T. -0.01 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

Instrument :

BNA_G

ClientSampleId :

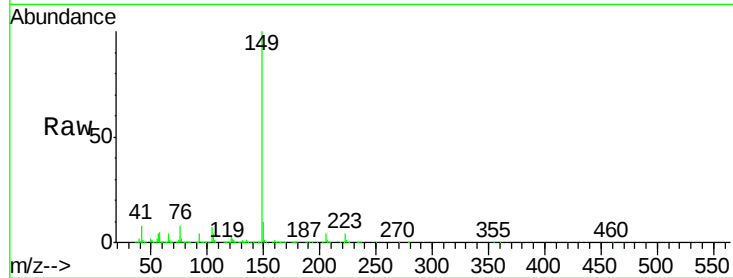
Tot Ion:149 Resp: 1345483

Ion Ratio Lower Upper

149 100

150 10.2 9.1 13.7

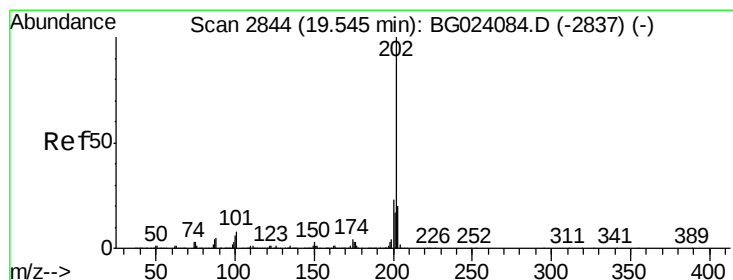
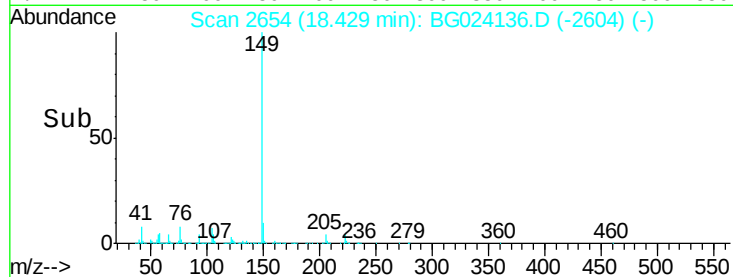
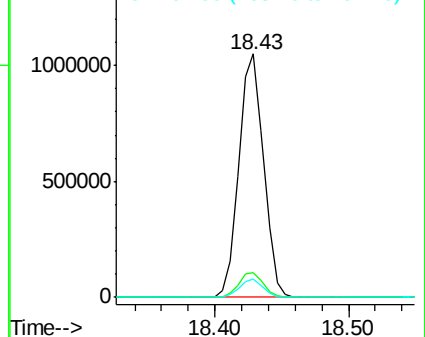
104 7.5 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.97 ng

RT: 19.54 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

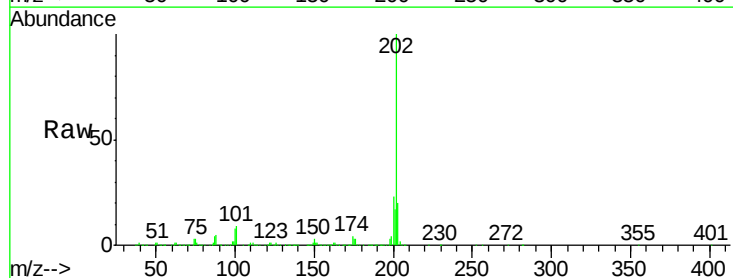
Tgt Ion:202 Resp: 1415309

Ion Ratio Lower Upper

202 100

101 8.8 0.0 27.4

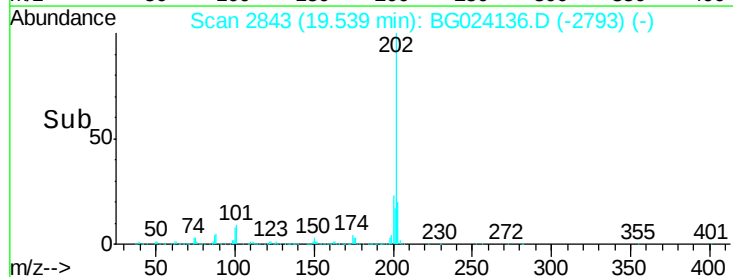
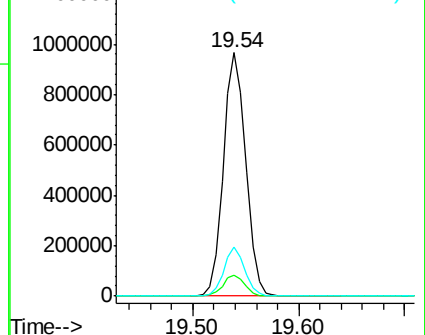
203 19.9 1.7 41.7

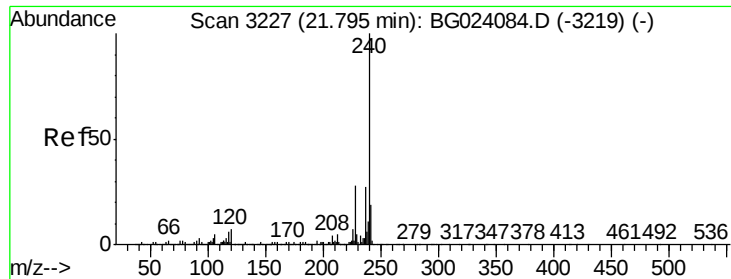


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

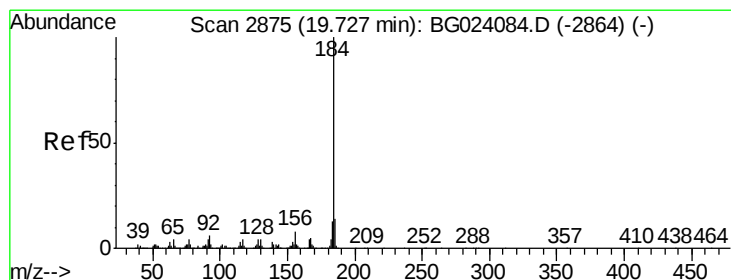
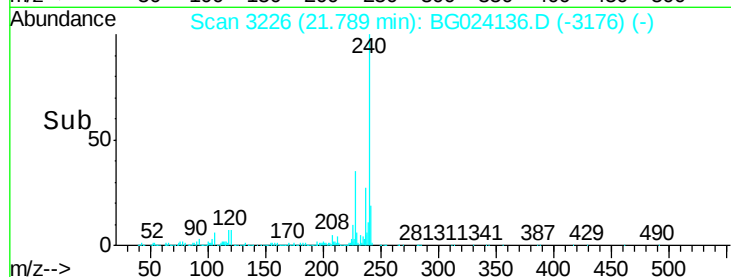
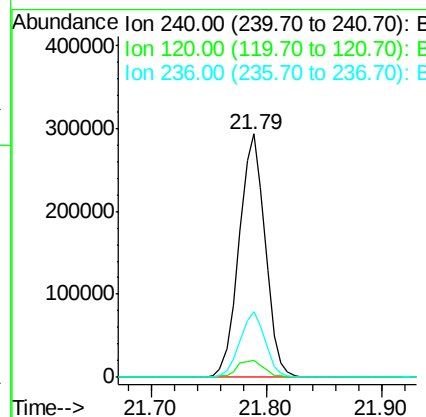
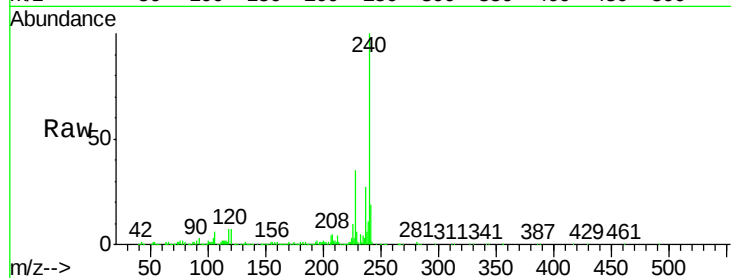




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

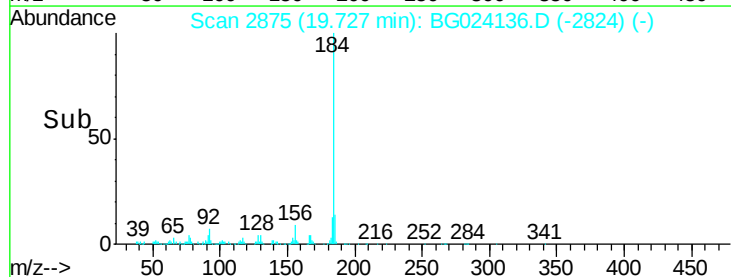
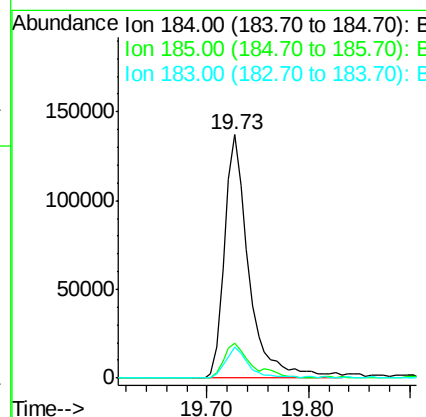
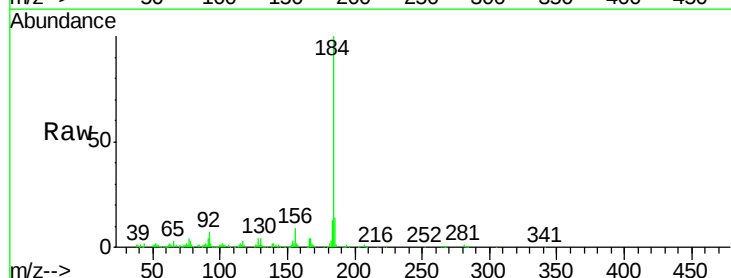
Instrument :
BNA_G
ClientSampleId :

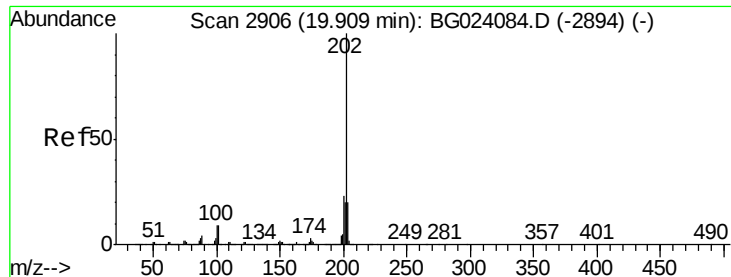
Tot Ion:240 Resp: 459388
Ion Ratio Lower Upper
240 100
120 7.0 4.1 6.1#
236 27.0 21.1 31.7



#76
Benzidine
Concen: 17.60 ng
RT: 19.73 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

Tgt Ion:184 Resp: 228904
Ion Ratio Lower Upper
184 100
185 14.4 12.6 19.0
183 12.8 10.7 16.1





#77

Pvrene

Concen: 43.13 ng

RT: 19.90 min Scan# 2905

Delta R.T. -0.01 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

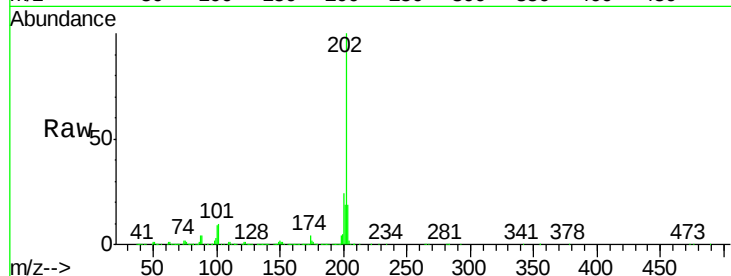
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1383436

Ion	Ratio	Lower	Upper
202	100		
200	24.3	21.2	31.8
203	18.6	16.8	25.2

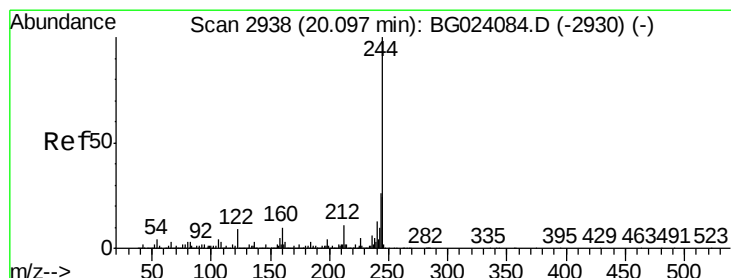
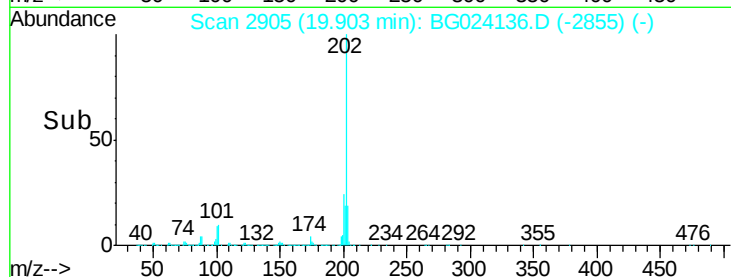
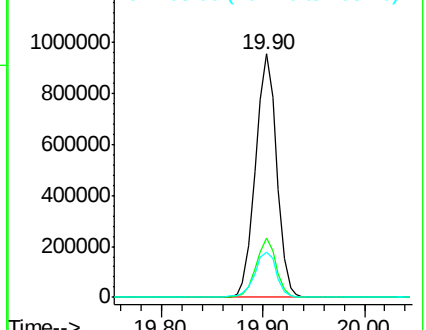


Abundance

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: 79.81 ng

RT: 20.09 min Scan# 2937

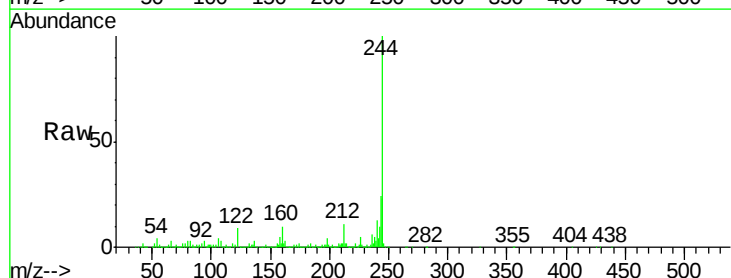
Delta R.T. -0.01 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

Tgt Ion:244 Resp: 1790651

Ion	Ratio	Lower	Upper
244	100		
212	11.1	10.8	16.2
122	9.0	8.0	12.0

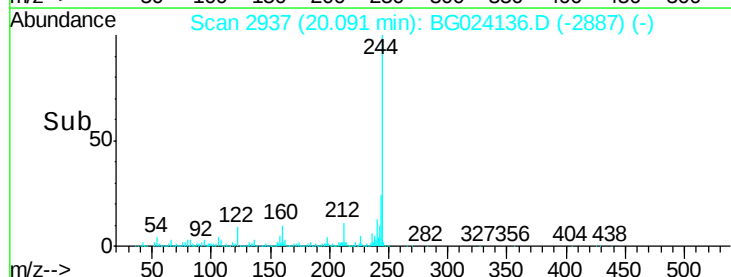
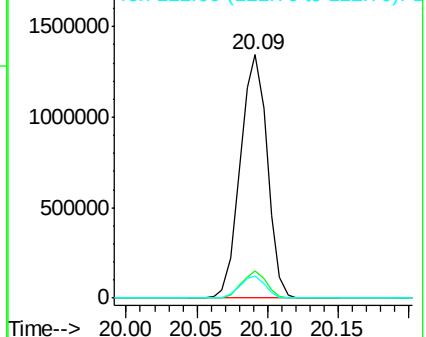


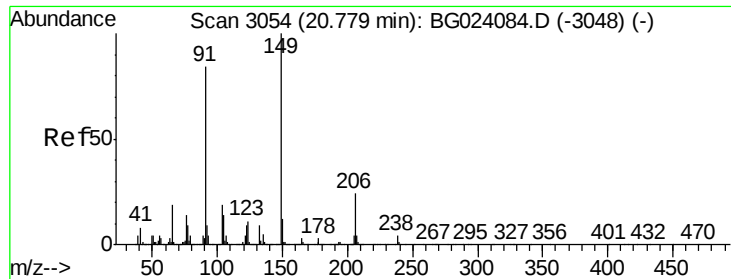
Abundance

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: 49.34 ng

RT: 20.77 min Scan# 3053

Delta R.T. -0.01 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

Instrument :

BNA_G

ClientSampleId :

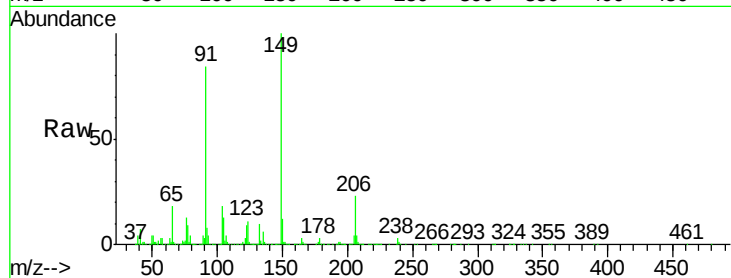
Tot Ion:149 Resp: 582802

Ion Ratio Lower Upper

149 100

91 84.0 68.1 102.1

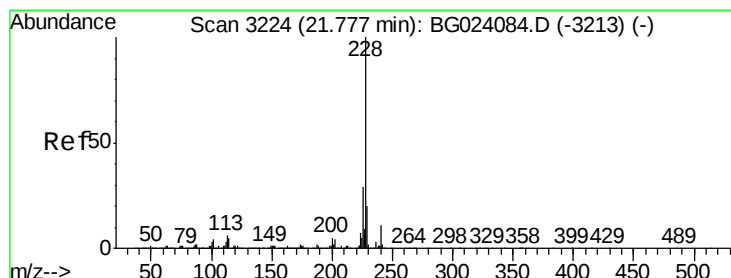
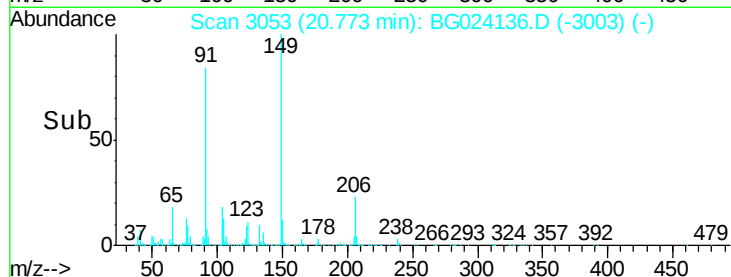
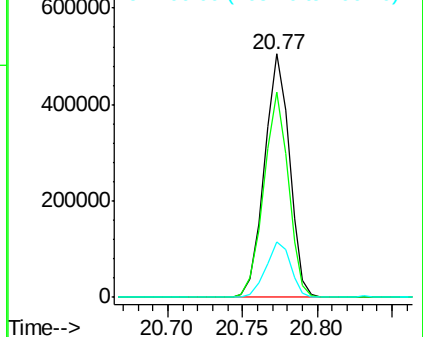
206 22.9 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 51.21 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

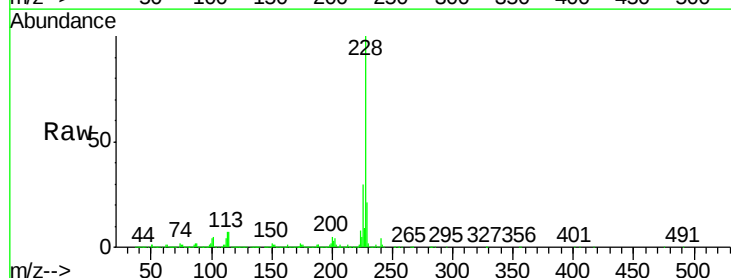
Tgt Ion:228 Resp: 1339203

Ion Ratio Lower Upper

228 100

226 30.2 25.3 37.9

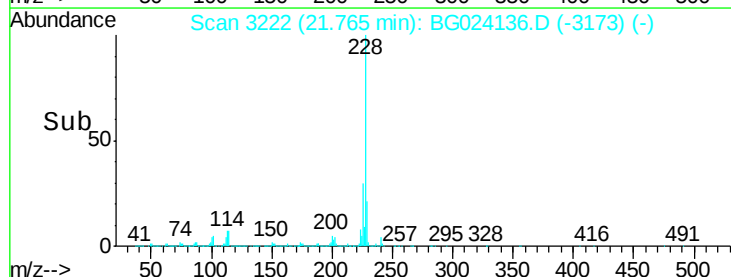
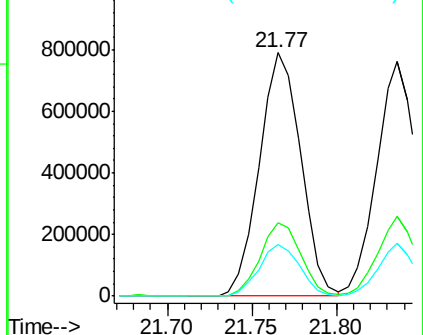
229 21.1 19.9 29.9

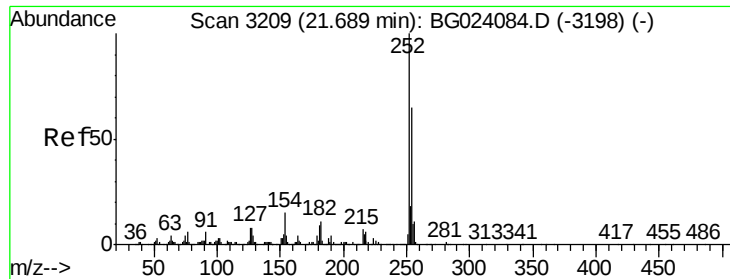


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

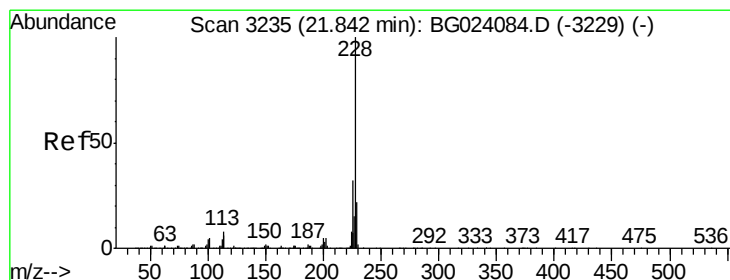
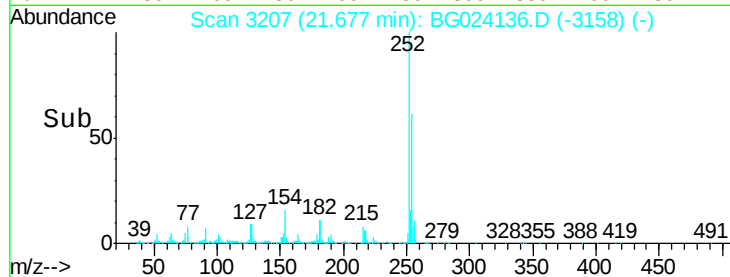
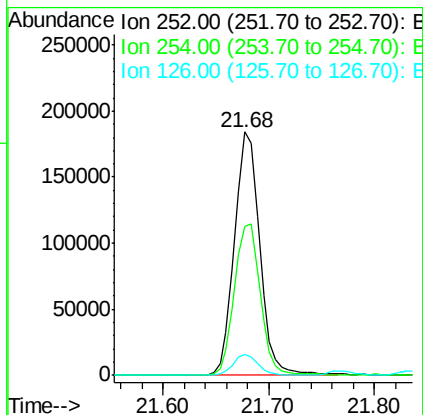
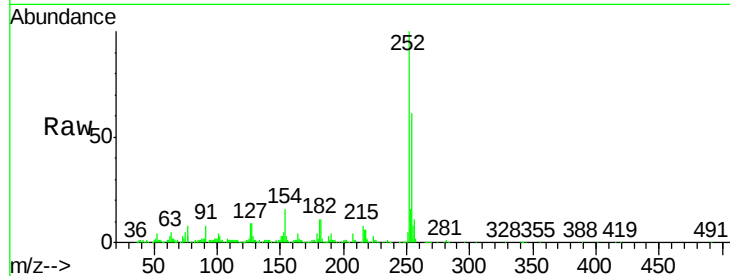




#81
 3,3'-Dichlorobenzidine
 Concen: 32.54 ng
 RT: 21.68 min Scan# 3207
 Delta R.T. -0.01 min
 Lab File: BG024136.D
 Acq: 26 Sep 2016 10:56

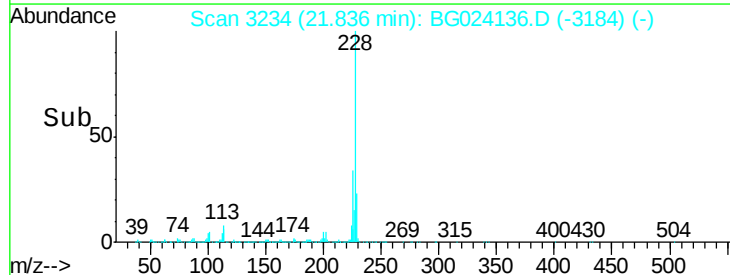
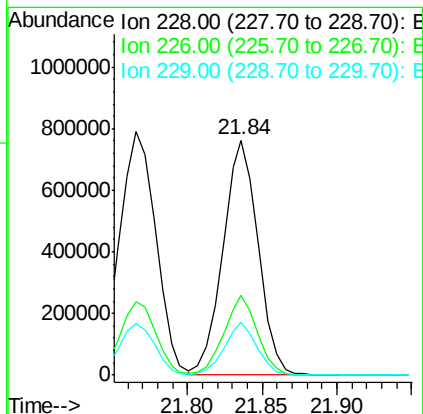
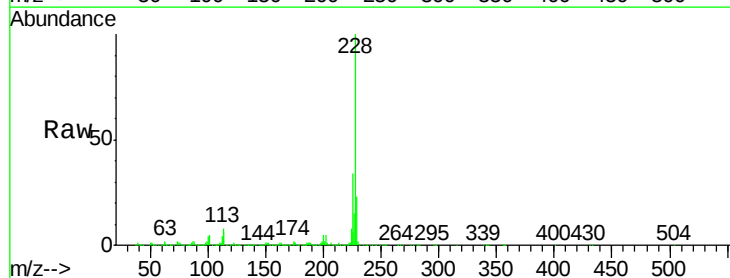
Instrument :
 BNA_G
 ClientSampleId :

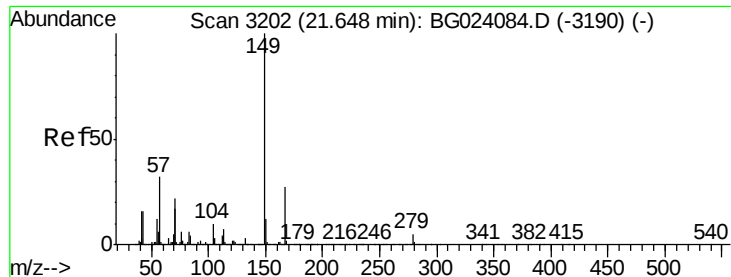
Tot Ion:252 Resp: 304994
 Ion Ratio Lower Upper
 252 100
 254 61.4 51.2 76.8
 126 8.7 5.3 7.9#



#82
 Chrysene
 Concen: 50.82 ng
 RT: 21.84 min Scan# 3234
 Delta R.T. -0.01 min
 Lab File: BG024136.D
 Acq: 26 Sep 2016 10:56

Tgt Ion:228 Resp: 1249184
 Ion Ratio Lower Upper
 228 100
 226 34.0 26.7 40.1
 229 22.6 17.4 26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 57.41 ng

RT: 21.64 min Scan# 3200

Delta R.T. -0.01 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

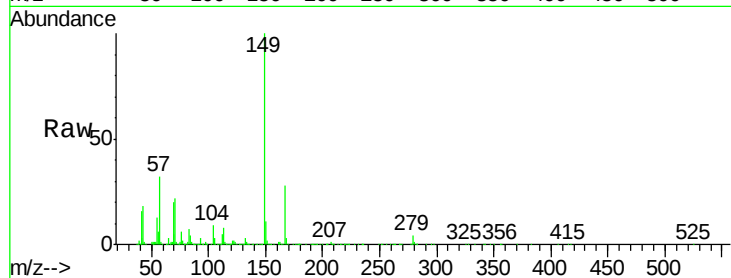
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 810210

Ion	Ratio	Lower	Upper
149	100		
167	27.5	24.0	36.0
279	4.4	4.8	7.2#



Abundance Ion 149.00 (148.70 to 149.70): E

800000 Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

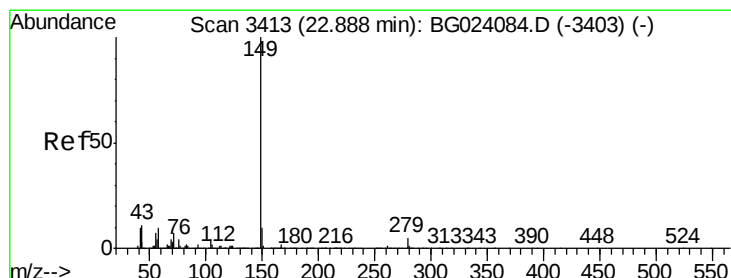
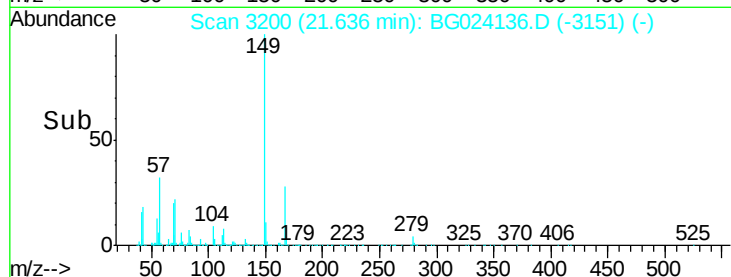
21.64

400000

200000

0

Time--> 21.55 21.60 21.65 21.70



#84

Di-n-octyl phthalate

Concen: 57.21 ng

RT: 22.88 min Scan# 3411

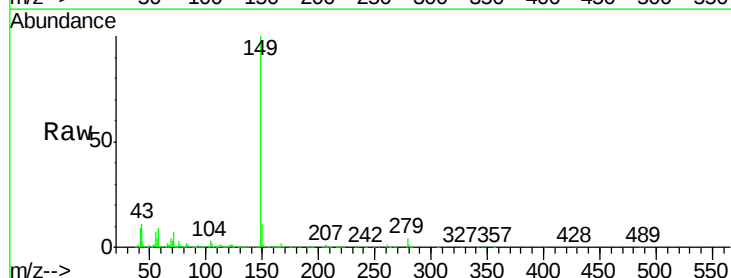
Delta R.T. -0.01 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

Tgt Ion:149 Resp: 1393151

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	10.4	8.8	13.2



Abundance Ion 149.00 (148.70 to 149.70): E

1000000 Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO

22.88

800000

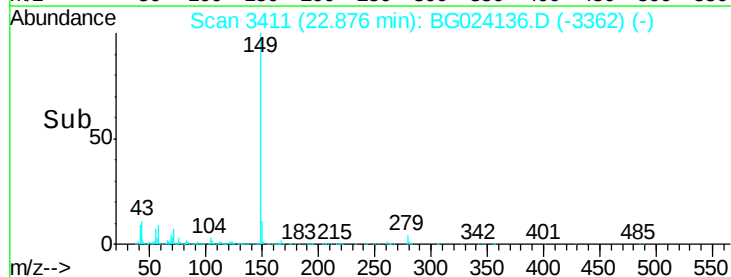
600000

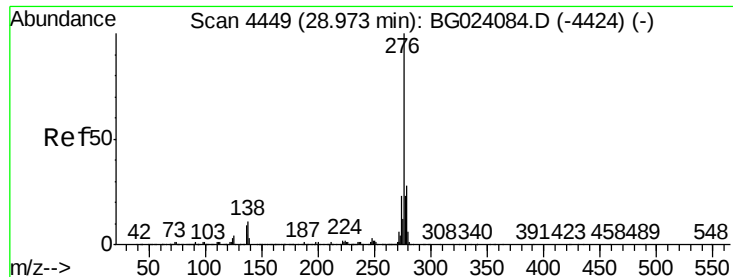
400000

200000

0

Time--> 22.80 22.90 23.00

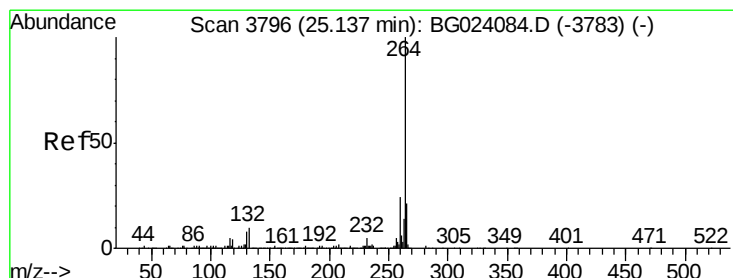
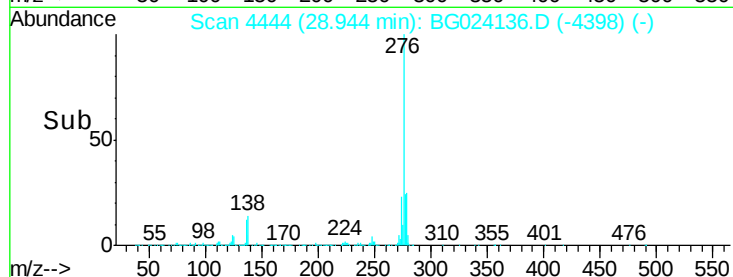
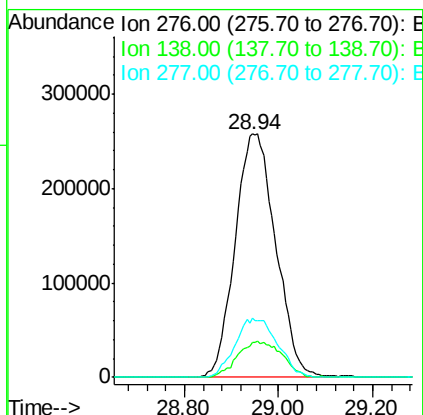
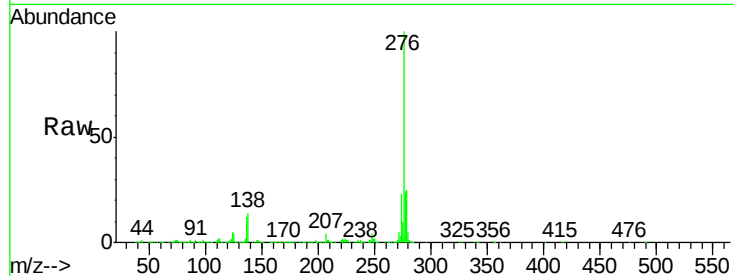




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.44 ng
 RT: 28.94 min Scan# 4444
 Delta R.T. -0.03 min
 Lab File: BG024136.D
 Acq: 26 Sep 2016 10:56

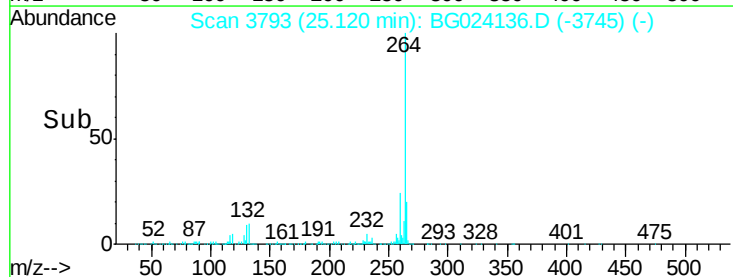
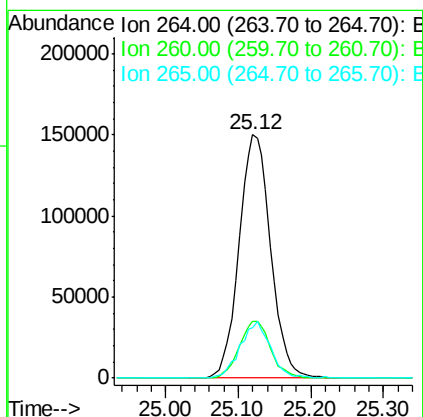
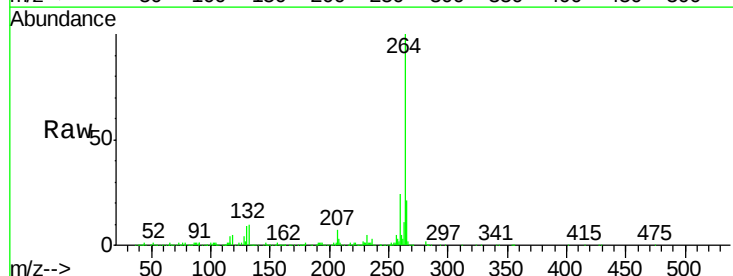
Instrument :
 BNA_G
 ClientSampleId :

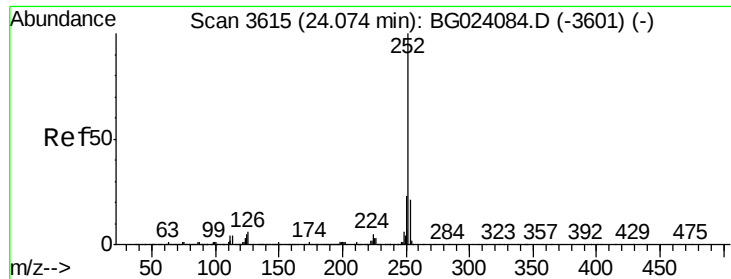
Tot Ion:276 Resp: 1547226
 Ion Ratio Lower Upper
 276 100
 138 16.1 0.0 0.0#
 277 25.2 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.12 min Scan# 3793
 Delta R.T. -0.02 min
 Lab File: BG024136.D
 Acq: 26 Sep 2016 10:56

Tgt Ion:264 Resp: 453361
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 20.6 18.9 28.3

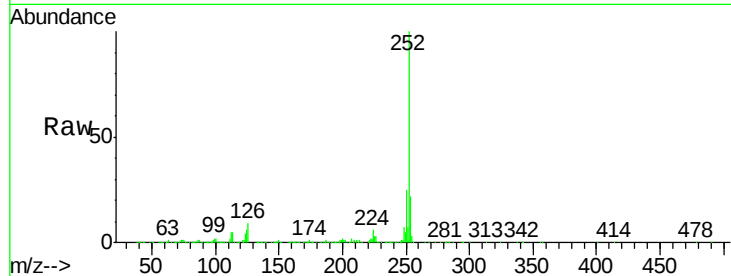




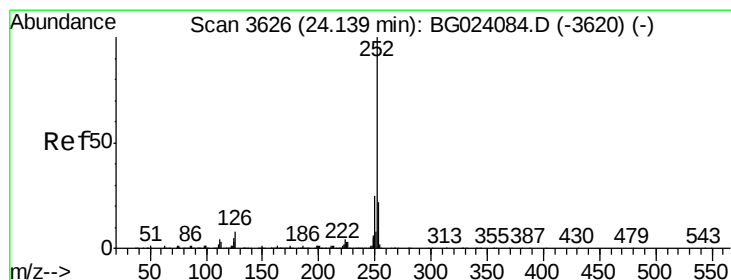
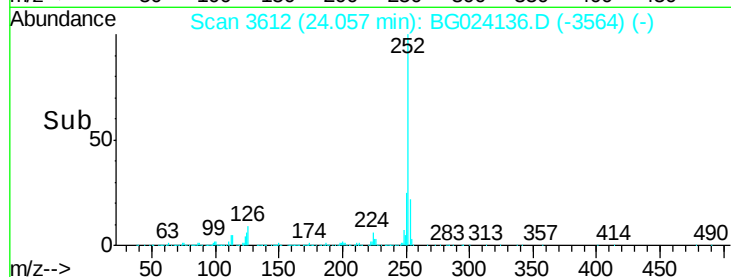
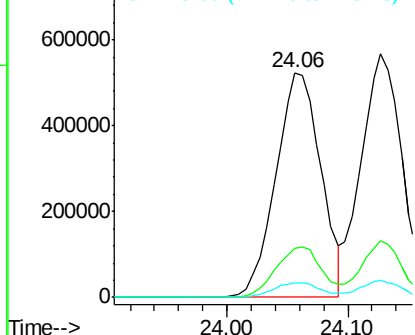
#87
Benzo(b)fluoranthene
Concen: 50.93 ng
RT: 24.06 min Scan# 3612
Delta R.T. -0.02 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1343402
Ion Ratio Lower Upper
252 100
253 22.1 18.9 28.3
125 6.2 3.9 5.9#

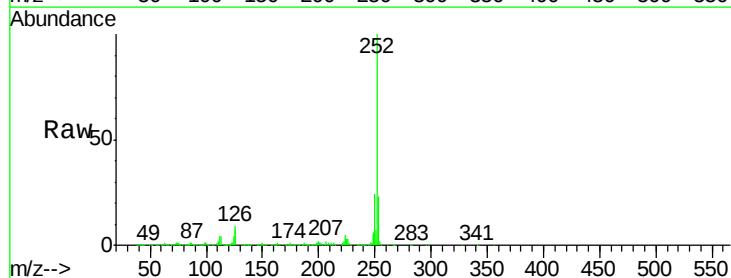


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

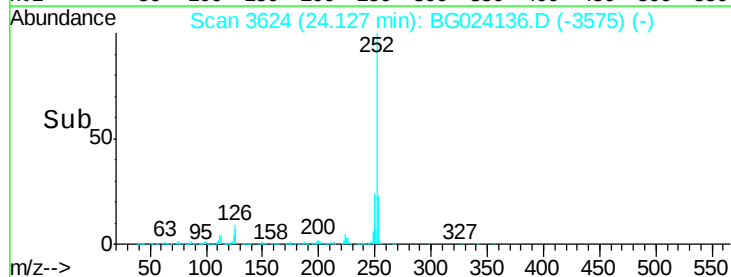
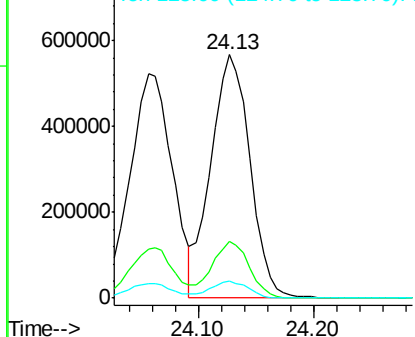


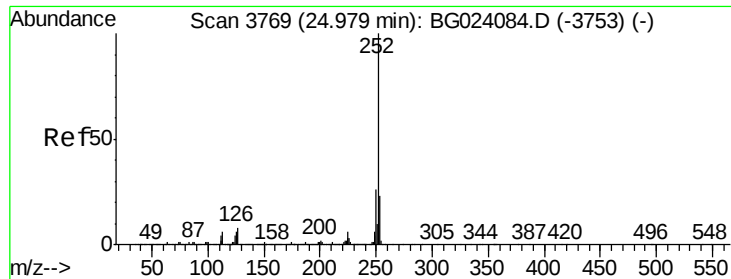
#88
Benzo(k)fluoranthene
Concen: 50.78 ng
RT: 24.13 min Scan# 3624
Delta R.T. -0.01 min
Lab File: BG024136.D
Acq: 26 Sep 2016 10:56

Tgt Ion:252 Resp: 1330217
Ion Ratio Lower Upper
252 100
253 23.1 18.8 28.2
125 7.2 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: 51.35 ng

RT: 24.96 min Scan# 3766

Delta R.T. -0.02 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

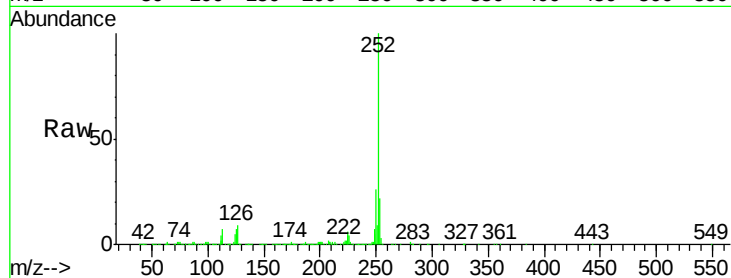
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1309330

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.7	28.1
125	7.0	3.9	5.9

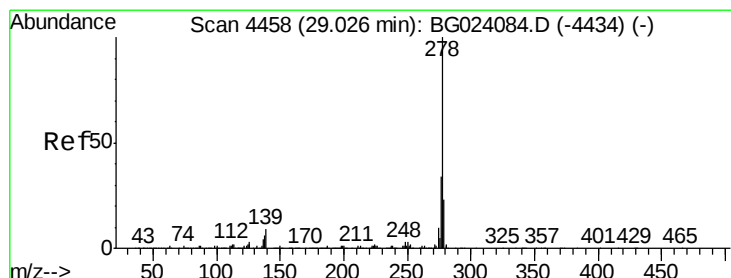
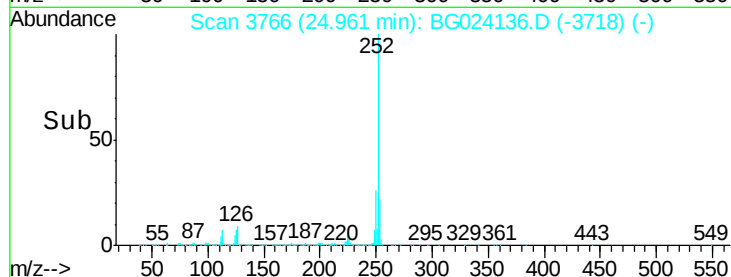
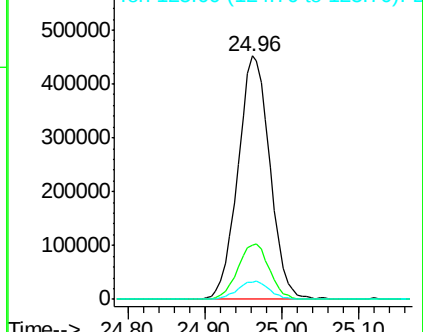


Abundance

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: 50.05 ng

RT: 29.00 min Scan# 4453

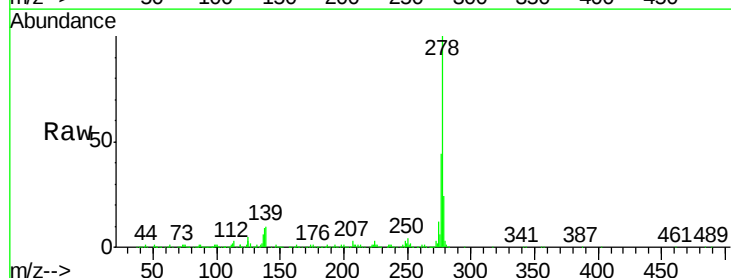
Delta R.T. -0.03 min

Lab File: BG024136.D

Acq: 26 Sep 2016 10:56

Tgt Ion:278 Resp: 1274435

Ion	Ratio	Lower	Upper
278	100		
139	10.3	4.7	7.1
279	24.0	18.3	27.5

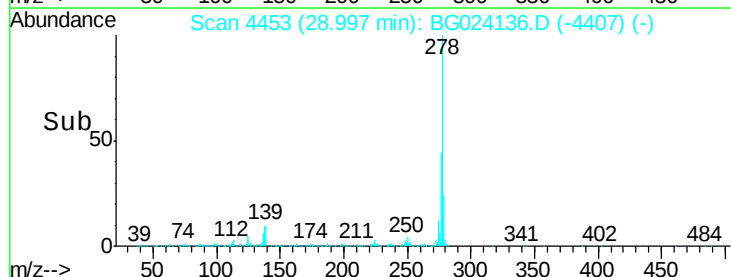
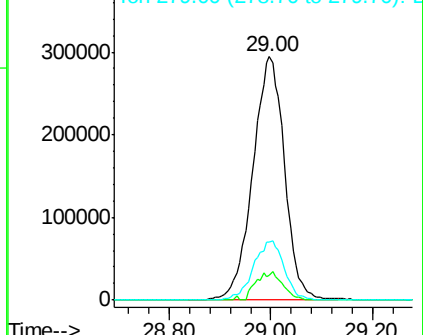


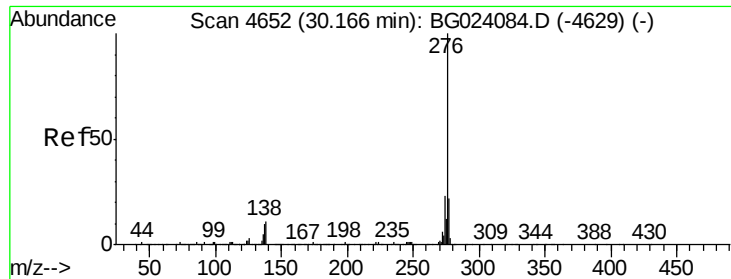
Abundance

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: 50.39 ng
 RT: 30.14 min Scan# 4648
 Delta R.T. -0.02 min
 Lab File: BG024136.D
 Acq: 26 Sep 2016 10:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1292514

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	27.8
138	11.8	6.8	10.2

