

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021136.D
 Acq On : 28 Feb 2016 4:50
 Operator : UM/SJ
 Sample : H1443-01MS
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP004MS

Quant Time: Feb 29 00:27:34 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	6952	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	35905	20.00	ng	-0.01
38) Acenaphthene-d10	14.77	164	22892	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	57477	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	63423	20.00	ng	-0.02
86) Perylene-d12	25.05	264	56809	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	84623	213.11	ng	0.00
7) Phenol-d6	7.31	99	134381	227.42	ng	-0.01
23) Nitrobenzene-d5	9.33	82	92706	123.02	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	43871	146.17	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	162153	90.64	ng	-0.01
78) Terphenyl-d14	20.10	244	281845	103.85	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	9198	50.02	ng	# 86
3) Pyridine	4.01	79	28036	52.13	ng	97
4) n-Nitrosodimethylamine	3.92	42	14953	54.84	ng	98
6) Aniline	7.49	93	15422	21.10	ng	# 88
8) 2-Chlorophenol	7.73	128	30107	60.79	ng	86
9) Benzaldehyde	7.30	77	7923	24.76	ng	# 79
10) Phenol	7.34	94	44285	73.16	ng	80
11) bis(2-Chloroethyl)ether	7.58	93	29155	62.84	ng	99
12) 1,3-Dichlorobenzene	8.05	146	27362	51.91	ng	# 90
13) 1,4-Dichlorobenzene	8.20	146	28125	49.95	ng	97
14) 1,2-Dichlorobenzene	8.52	146	27371	51.34	ng	97
15) Benzyl Alcohol	8.40	79	32606	63.17	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.70	45	44164	83.02	ng	94
17) 2-Methylphenol	8.60	107	28760	67.31	ng	# 89
18) Hexachloroethane	9.25	117	11458	53.79	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	30564	67.05	ng	96
20) 3+4-Methylphenols	8.92	107	40042	67.59	ng	92
22) Acetophenone	8.99	105	48609	49.05	ng	# 95
24) Nitrobenzene	9.37	77	44215	56.79	ng	# 87
25) Isophorone	9.89	82	80788	57.20	ng	96
26) 2-Nitrophenol	10.08	139	16392	49.80	ng	# 65
27) 2,4-Dimethylphenol	10.13	122	30618	52.74	ng	91
28) bis(2-Chloroethoxy)methane	10.37	93	42536	61.80	ng	98
29) 2,4-Dichlorophenol	10.62	162	29202	51.38	ng	96
30) 1,2,4-Trichlorobenzene	10.83	180	27207	42.24	ng	98
31) Naphthalene	11.03	128	90551	49.10	ng	98
32) Benzoic acid	10.13	122	30618	57.43	ng	# 20
33) 4-Chloroaniline	11.13	127	10399	13.50	ng	# 88
34) Hexachlorobutadiene	11.30	225	16325	37.87	ng	97
35) Caprolactam	11.95	113	5333	27.77	ng	# 88
36) 4-Chloro-3-methylphenol	12.23	107	40357	57.92	ng	# 83
37) 2-Methylnaphthalene	12.61	142	67012	51.74	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	33215	39.26	ng	# 97
40) Hexachlorocyclopentadiene	12.96	237	38265	68.79	ng	95

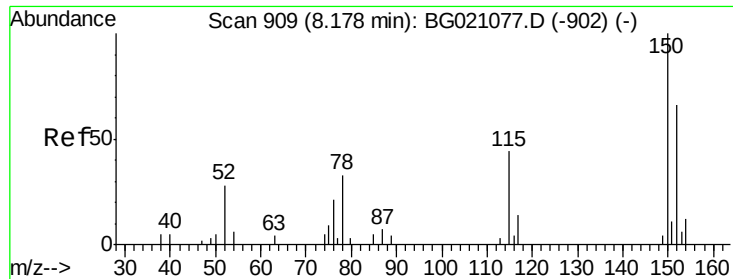
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	26432	49.82	ng	99
43) 2,4,5-Trichlorophenol	13.28	196	29015	53.23	ng #	91
45) 1,1'-Biphenyl	13.61	154	86095	44.66	ng	96
46) 2-Chloronaphthalene	13.65	162	67753	46.32	ng	98
47) 2-Nitroaniline	13.85	65	33012	69.65	ng #	75
48) Acenaphthylene	14.50	152	111287	48.09	ng	98
49) Dimethylphthalate	14.22	163	129368	65.57	ng	99
50) 2,6-Dinitrotoluene	14.34	165	20757	51.14	ng #	62
51) Acenaphthene	14.84	154	75384	47.75	ng	99
52) 3-Nitroaniline	14.67	138	11142	28.21	ng #	73
53) 2,4-Dinitrophenol	14.87	184	11340	40.07	ng #	84
54) Dibenzofuran	15.17	168	106934	53.48	ng	93
55) 4-Nitrophenol	14.96	139	42800	122.17	ng #	56
56) 2,4-Dinitrotoluene	15.12	165	31481	54.08	ng #	77
57) Fluorene	15.82	166	94257	48.45	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.39	232	25586	54.01	ng #	95
59) Diethylphthalate	15.58	149	105264	50.62	ng	99
60) 4-Chlorophenyl-phenylether	15.80	204	46227	43.20	ng	98
61) 4-Nitroaniline	15.83	138	25157	55.94	ng #	60
62) Azobenzene	16.09	77	119879	66.54	ng	94
64) 4,6-Dinitro-2-methylphenol	15.88	198	18554	44.01	ng	95
65) n-Nitrosodiphenylamine	16.02	169	85520	50.43	ng	95
66) 4-Bromophenyl-phenylether	16.70	248	28281	41.79	ng #	89
67) Hexachlorobenzene	16.81	284	28879	40.45	ng #	83
68) Atrazine	16.96	200	34396	54.74	ng	95
69) Pentachlorophenol	17.15	266	40847	84.75	ng	90
70) Phenanthrene	17.55	178	161913	52.35	ng	99
71) Anthracene	17.64	178	156162	50.14	ng	98
72) Carbazole	17.91	167	150534	55.98	ng	97
73) Di-n-butylphthalate	18.45	149	196619	55.47	ng #	98
74) Fluoranthene	19.55	202	197326	50.86	ng	99
76) Benzidine	19.72	184	34164	20.47	ng	99
77) Pyrene	19.91	202	201317	57.32	ng	98
79) Butylbenzylphthalate	20.78	149	91361	62.34	ng	89
80) Benzo(a)anthracene	21.75	228	192287	52.69	ng	98
81) 3,3'-Dichlorobenzidine	21.66	252	20368	14.26	ng	96
82) Chrysene	21.82	228	171926	48.92	ng	98
83) Bis(2-ethylhexyl)phthalate	21.64	149	133760	59.10	ng	98
84) Di-n-octyl phthalate	22.88	149	228762	60.31	ng	99
85) Indeno(1,2,3-cd)pyrene	28.80	276	195516	46.14	ng #	100
87) Benzo(b)fluoranthene	24.01	252	184560	51.97	ng	99
88) Benzo(k)fluoranthene	24.08	252	179259	51.21	ng	97
89) Benzo(a)pyrene	24.90	252	179073	52.53	ng	95
90) Dibenzo(a,h)anthracene	28.87	278	164741	47.94	ng	98
91) Benzo(g,h,i)perylene	29.98	276	160957	48.63	ng #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

ClientSampleId :

EP004MS

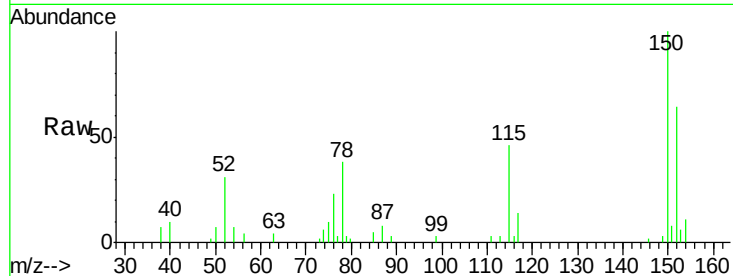
Tgt Ion:152 Resp: 6952

Ion Ratio Lower Upper

152 100

150 155.8 123.4 185.2

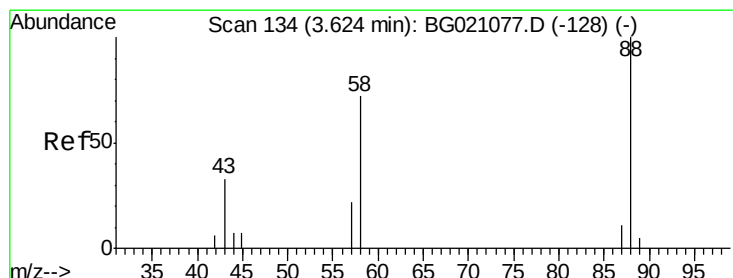
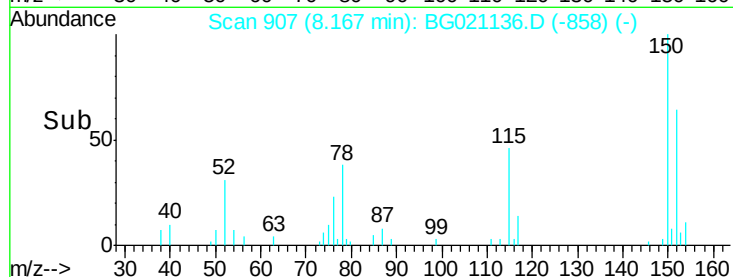
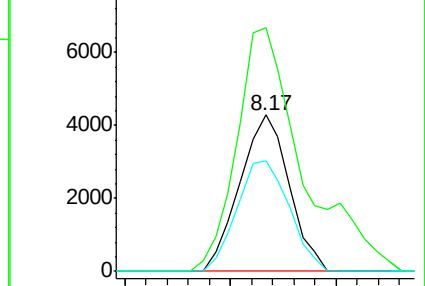
115 71.0 43.3 64.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 50.02 ng

RT: 3.61 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

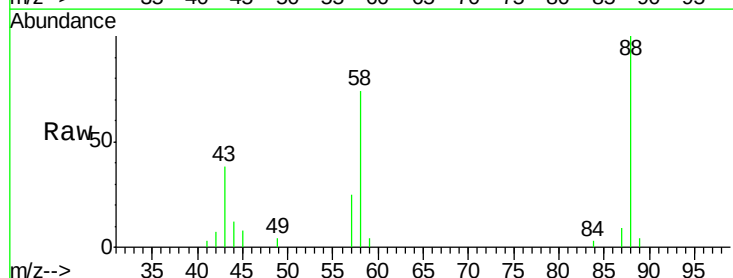
Tgt Ion: 88 Resp: 9198

Ion Ratio Lower Upper

88 100

58 81.5 55.9 83.9

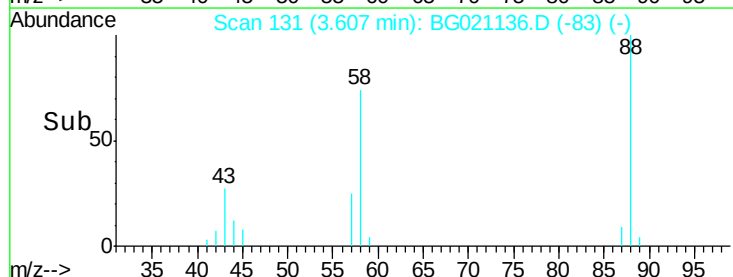
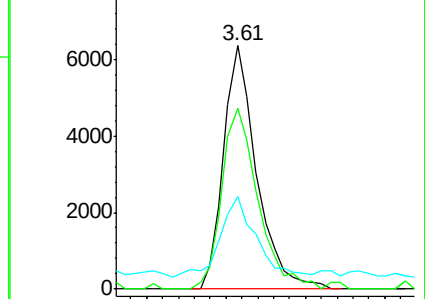
43 35.8 22.5 33.7#

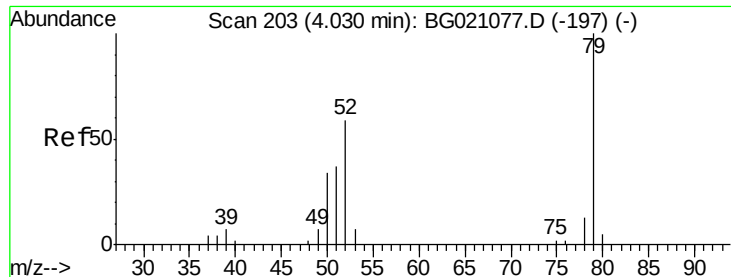


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 52.13 ng

RT: 4.01 min Scan# 199

Delta R.T. -0.02 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

ClientSampleId :

EP004MS

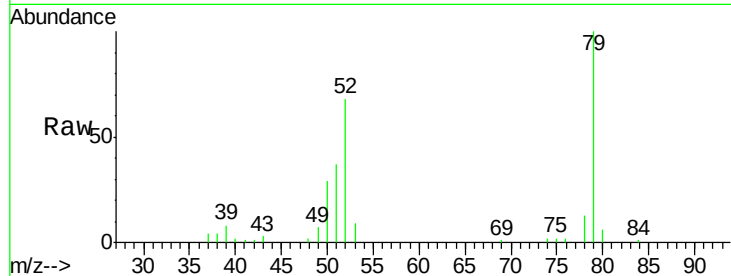
Tgt Ion: 79 Resp: 28036

Ion Ratio Lower Upper

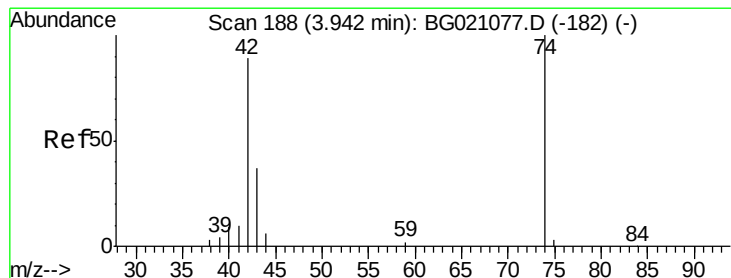
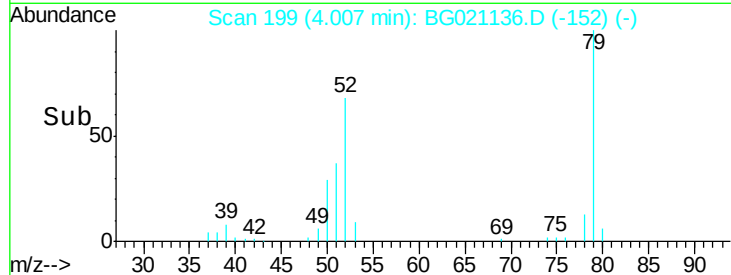
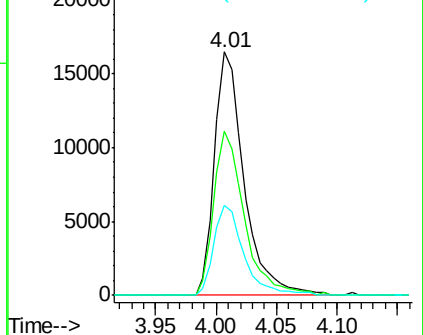
79 100

52 67.6 53.2 79.8

51 36.7 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 54.84 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

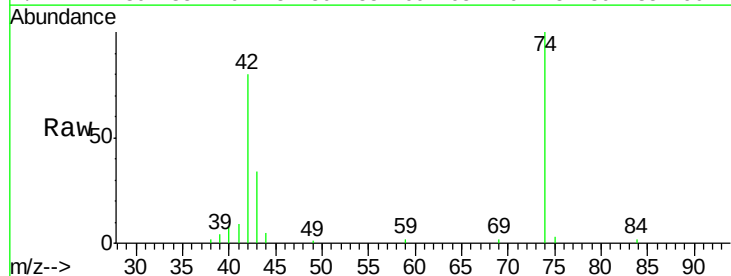
Tgt Ion: 42 Resp: 14953

Ion Ratio Lower Upper

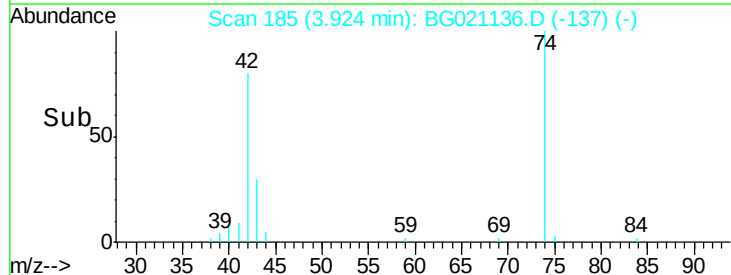
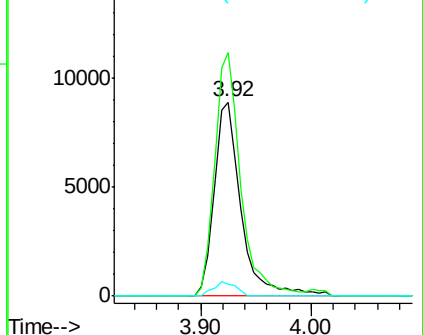
42 100

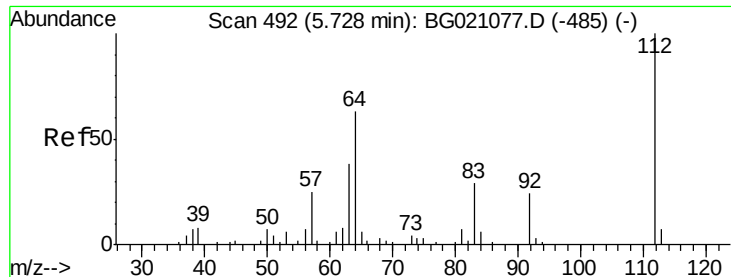
74 125.5 102.3 153.5

44 6.2 4.8 7.2



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 213.11 ng

RT: 5.72 min Scan# 491

Delta R.T. -0.00 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

ClientSampleId :

EP004MS

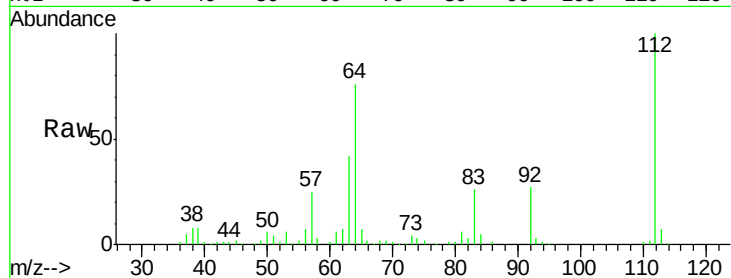
Tgt Ion: 112 Resp: 84623

Ion Ratio Lower Upper

112 100

64 75.5 42.6 63.8#

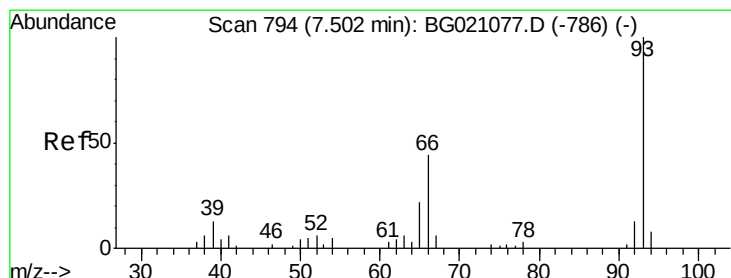
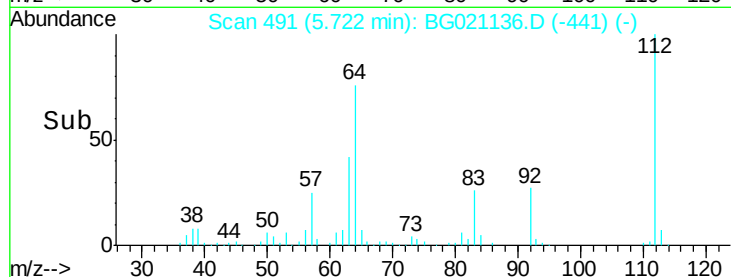
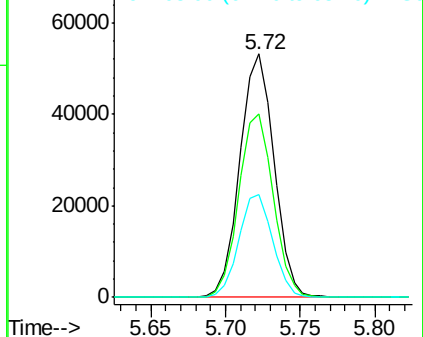
63 42.2 21.7 32.5#



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: 21.10 ng

RT: 7.49 min Scan# 792

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

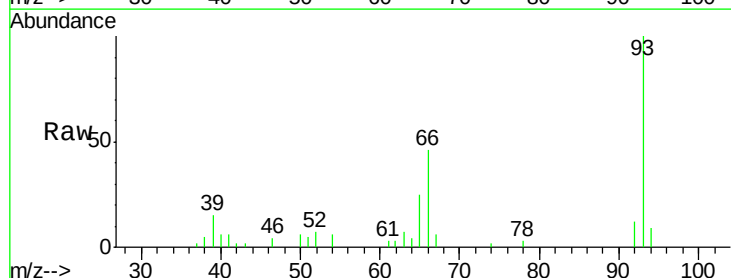
Tgt Ion: 93 Resp: 15422

Ion Ratio Lower Upper

93 100

66 45.8 30.1 45.1#

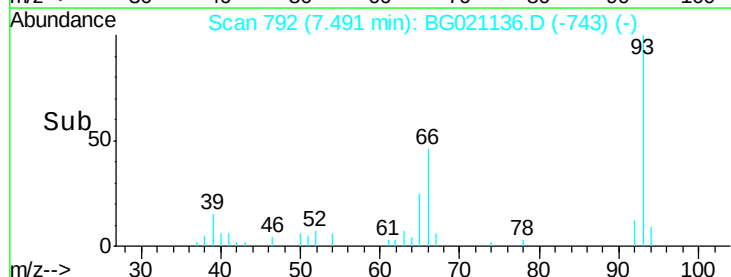
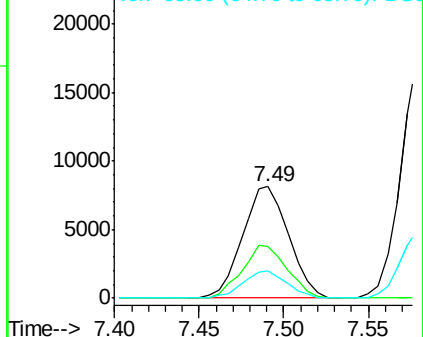
65 24.9 16.6 24.8#

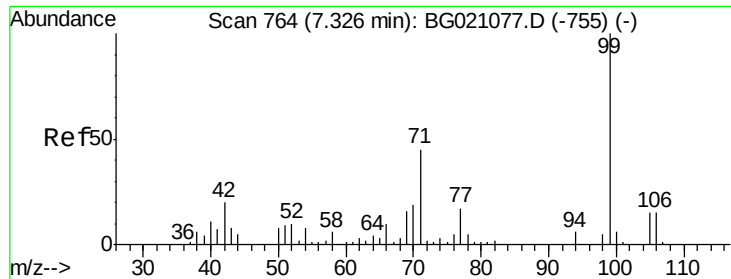


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 227.42 ng

RT: 7.31 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG021136.D

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ClientSampleId :

EP004MS

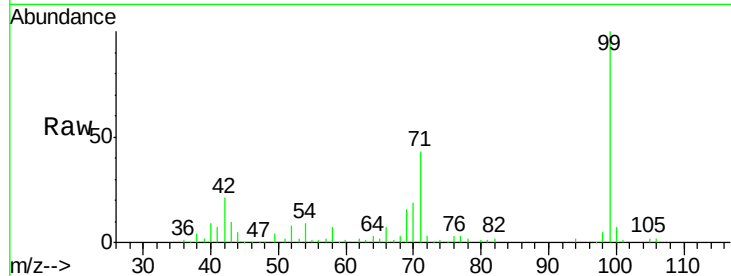
Tgt Ion: 99 Resp: 134381

Ion Ratio Lower Upper

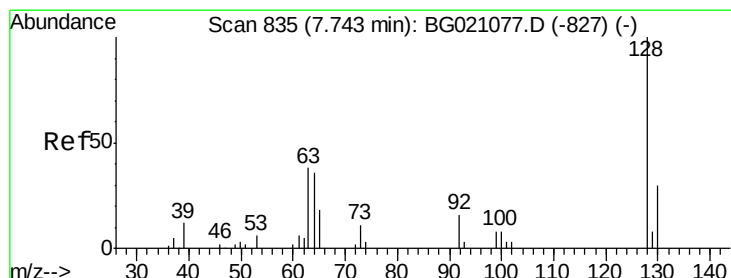
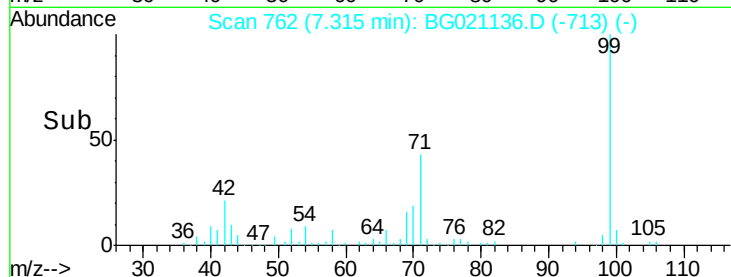
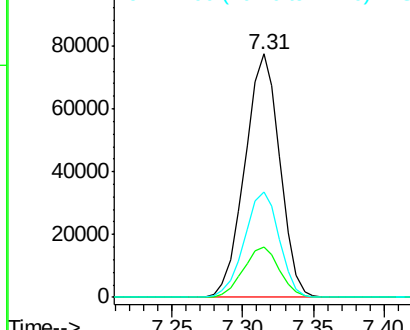
99 100

42 20.7 13.2 19.8#

71 43.3 25.2 37.8#



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: 60.79 ng

RT: 7.73 min Scan# 832

Delta R.T. -0.02 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

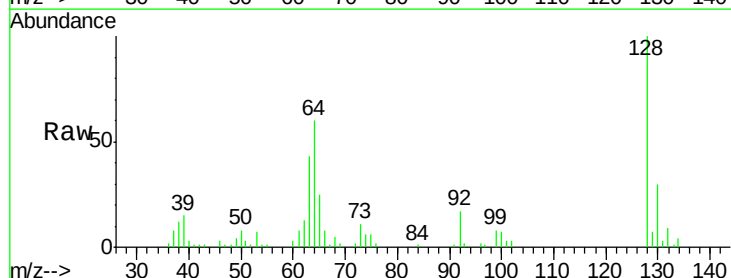
Tgt Ion: 128 Resp: 30107

Ion Ratio Lower Upper

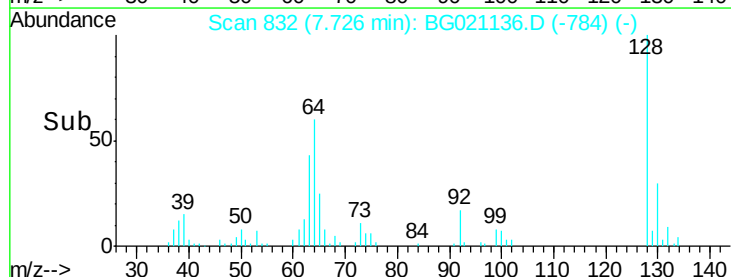
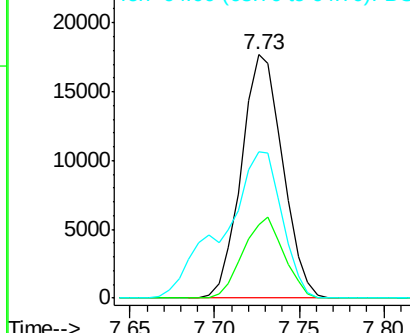
128 100

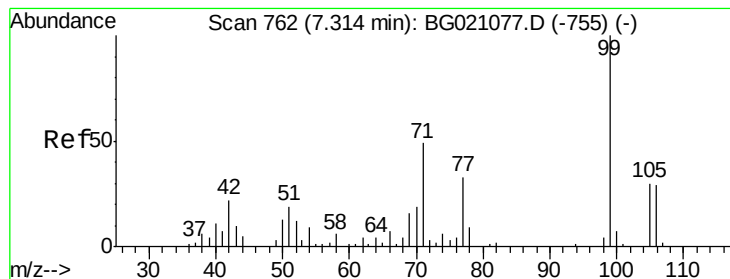
130 29.9 11.9 51.9

64 60.3 25.8 65.8



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: 24.76 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

ClientSampled :

EP004MS

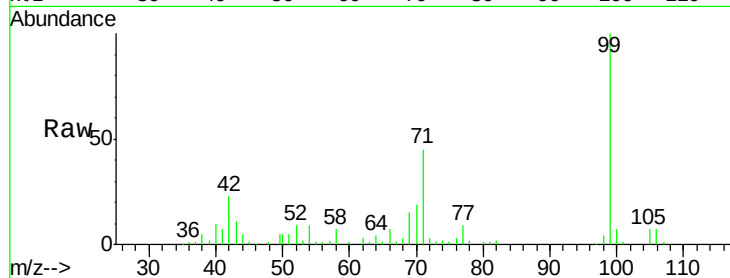
Tgt Ion: 77 Resp: 7923

Ion Ratio Lower Upper

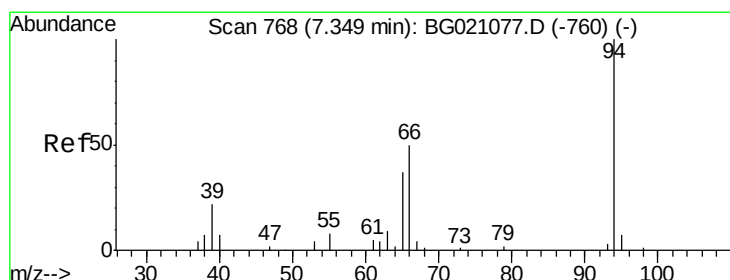
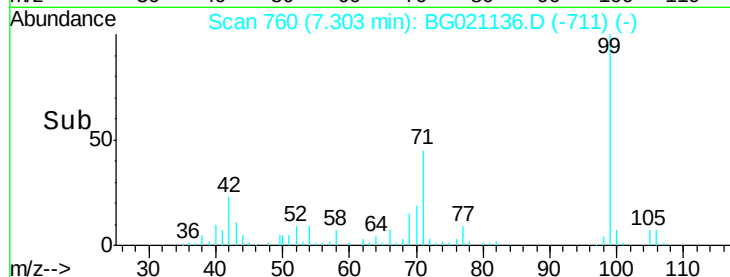
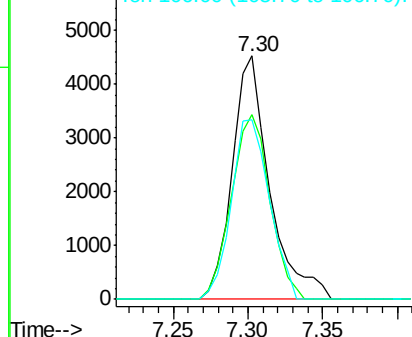
77 100

105 75.9 77.4 117.4#

106 73.8 72.8 112.8



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: 73.16 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

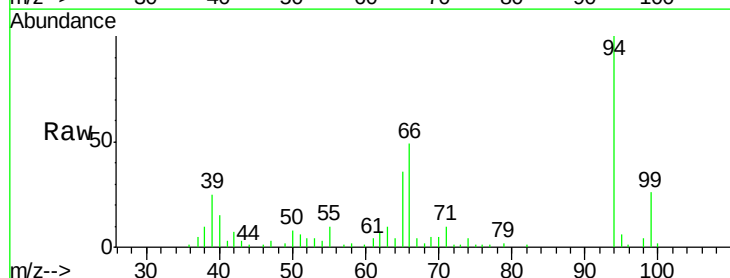
Tgt Ion: 94 Resp: 44285

Ion Ratio Lower Upper

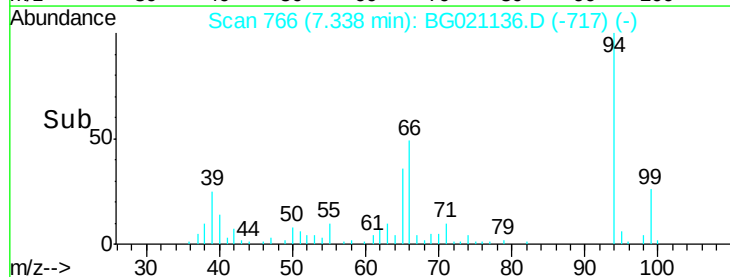
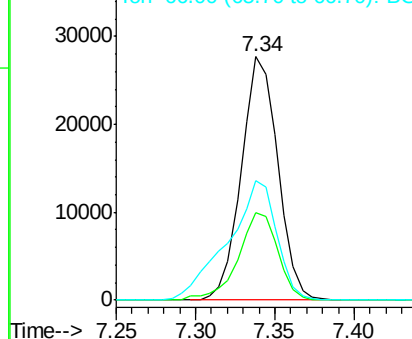
94 100

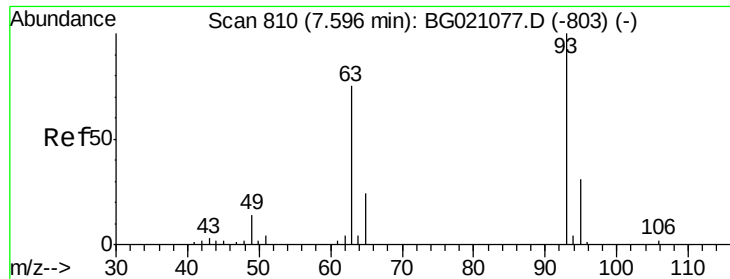
65 35.8 7.2 47.2

66 48.9 15.4 55.4



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

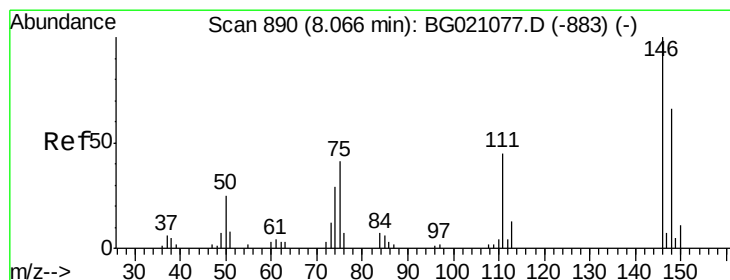
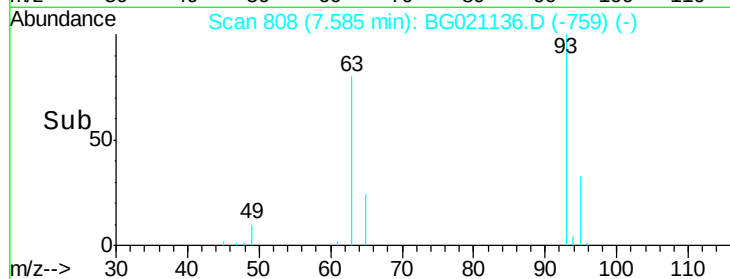
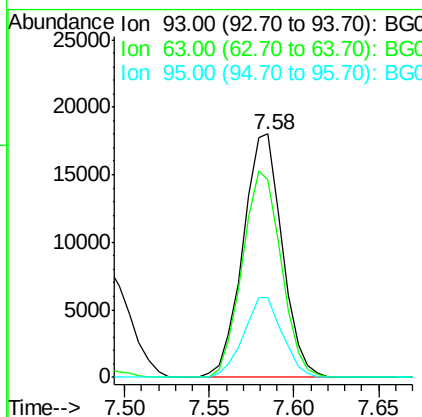
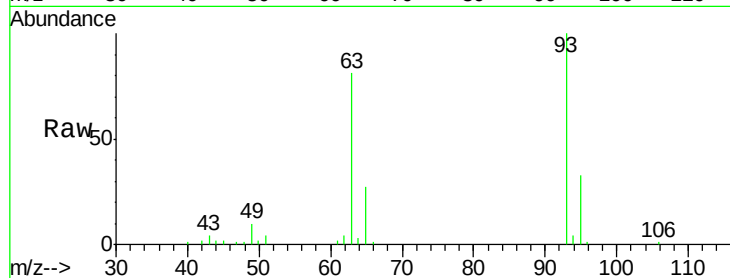




#11
bis(2-Chloroethyl)ether
Concen: 62.84 ng
RT: 7.58 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

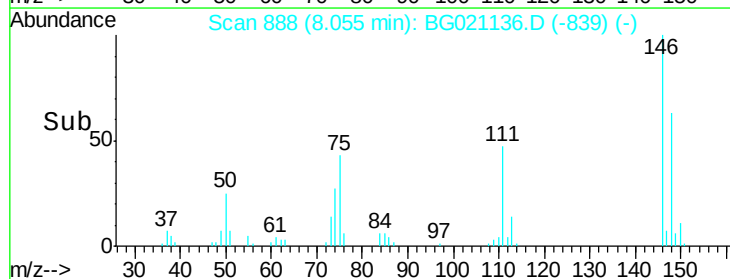
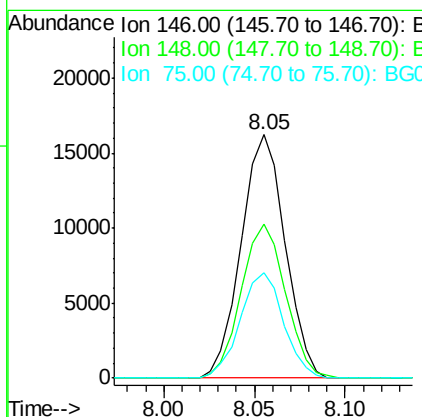
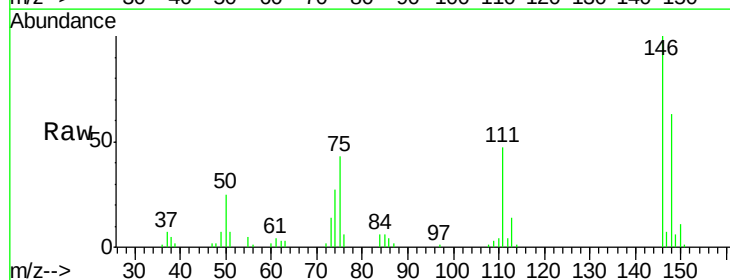
Instrument :
BNA_G
ClientSampleId :
EP004MS

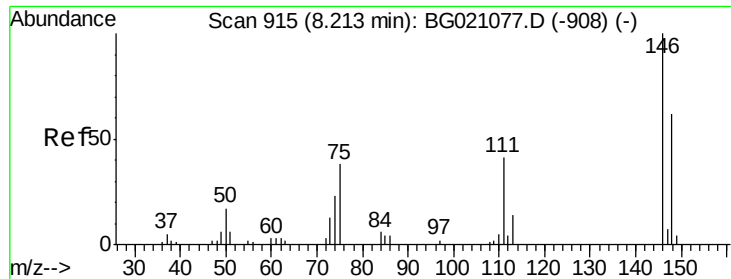
Tgt Ion: 93 Resp: 29155
Ion Ratio Lower Upper
93 100
63 81.0 60.5 100.5
95 32.9 14.6 54.6



#12
1,3-Dichlorobenzene
Concen: 51.91 ng
RT: 8.05 min Scan# 888
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion: 146 Resp: 27362
Ion Ratio Lower Upper
146 100
148 63.0 52.6 78.8
75 43.2 24.0 36.0#

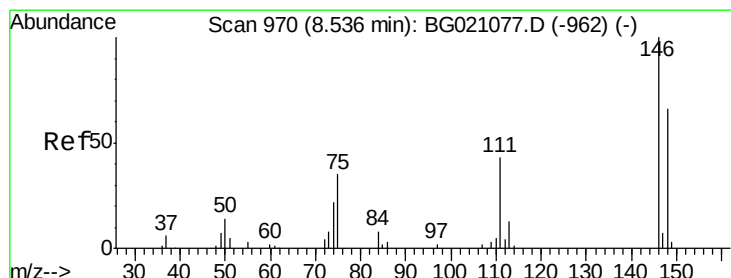
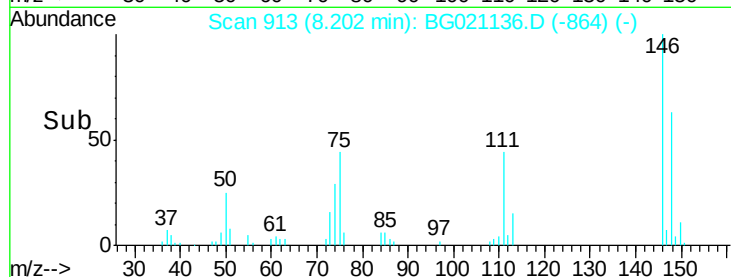
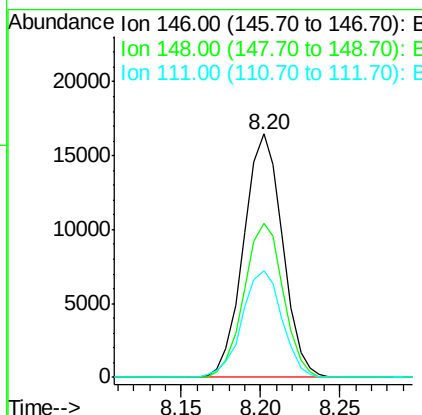
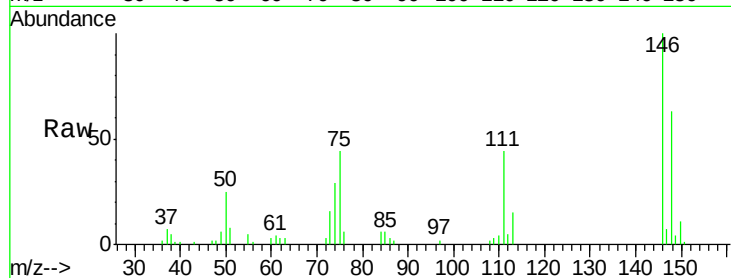




#13
 1,4-Dichlorobenzene
 Concen: 49.95 ng
 RT: 8.20 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

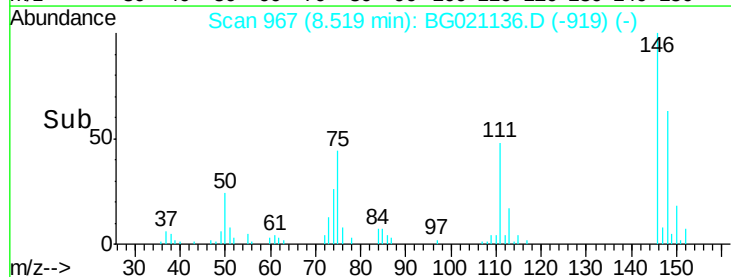
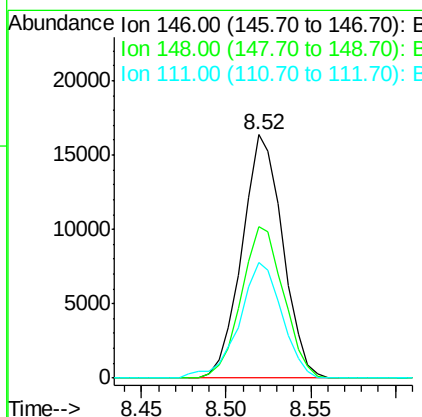
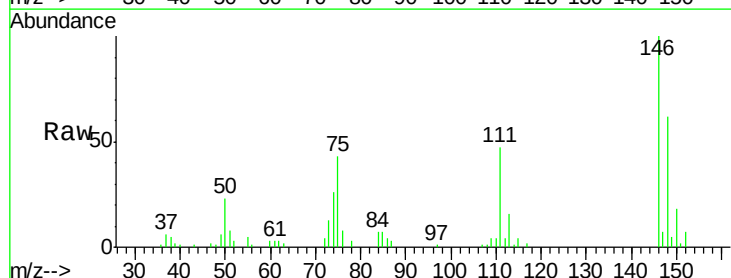
Instrument :
 BNA_G
 ClientSampleId :
 EP004MS

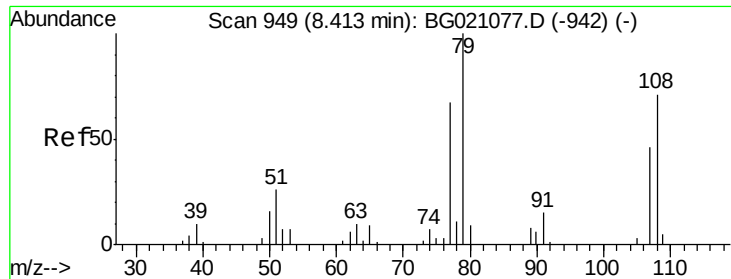
Tgt Ion:146 Resp: 28125
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.2 75.4
 111 44.0 31.9 47.9



#14
 1,2-Dichlorobenzene
 Concen: 51.34 ng
 RT: 8.52 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Tgt Ion:146 Resp: 27371
 Ion Ratio Lower Upper
 146 100
 148 62.1 50.5 75.7
 111 47.5 35.4 53.2





#15

Benzyl Alcohol

Concen: 63.17 ng

RT: 8.40 min Scan# 946

Delta R.T. -0.02 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

ClientSampleId :

EP004MS

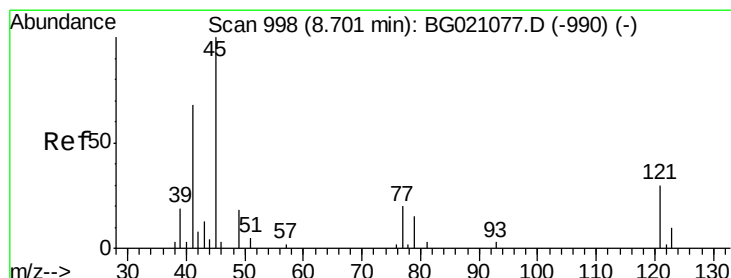
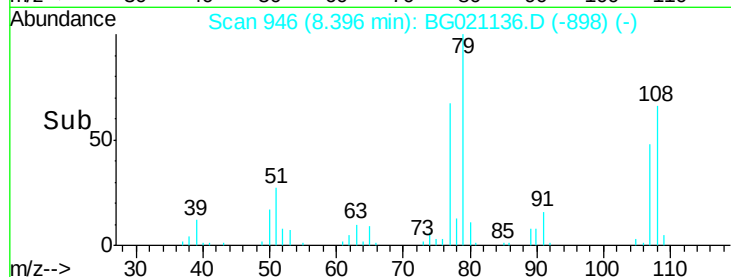
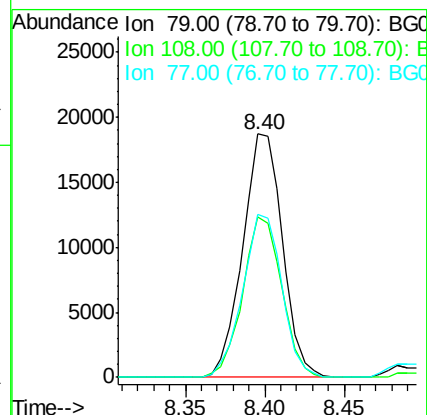
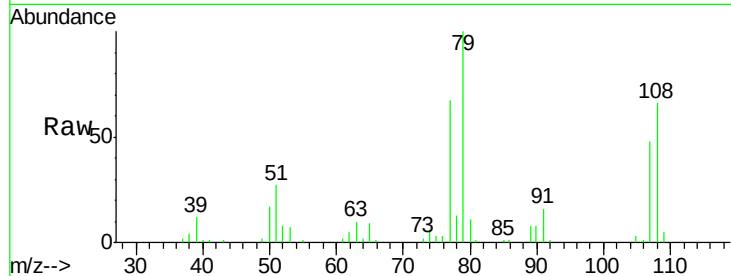
Tgt Ion: 79 Resp: 32606

Ion Ratio Lower Upper

79 100

108 65.7 65.1 97.7

77 67.2 53.8 80.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 83.02 ng

RT: 8.70 min Scan# 997

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

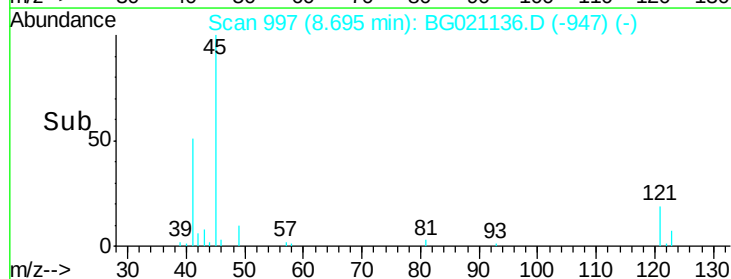
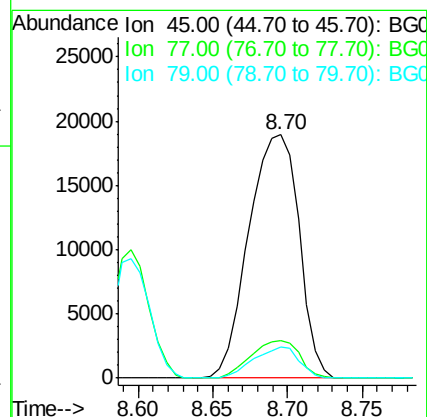
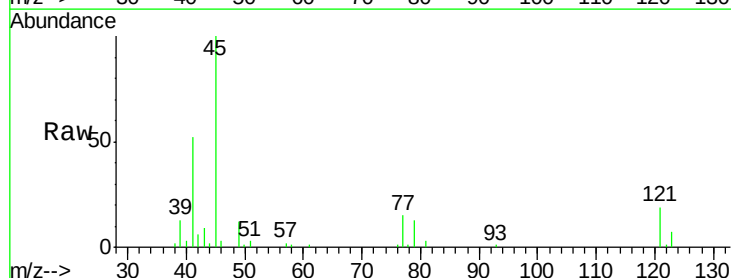
Tgt Ion: 45 Resp: 44164

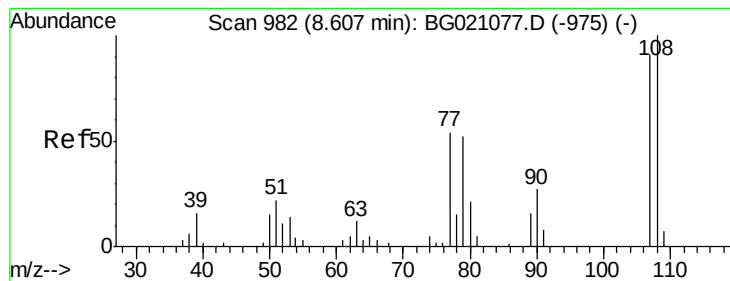
Ion Ratio Lower Upper

45 100

77 15.4 0.0 33.3

79 12.5 0.0 29.6





#17

2-Methylphenol

Concen: 67.31 ng

RT: 8.60 min Scan# 980

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

ClientSampleId :

EP004MS

Tgt Ion:107 Resp: 28760

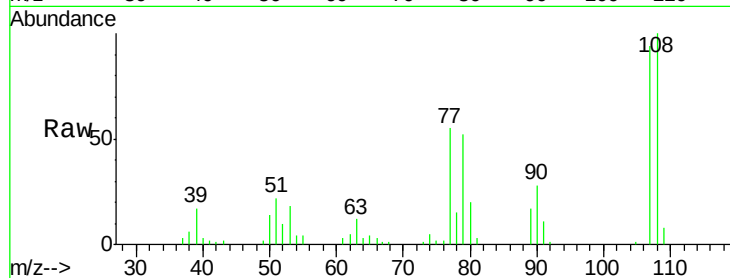
Ion Ratio Lower Upper

107 100

108 105.9 88.8 133.2

77 58.7 38.0 57.0#

79 54.7 32.6 49.0#



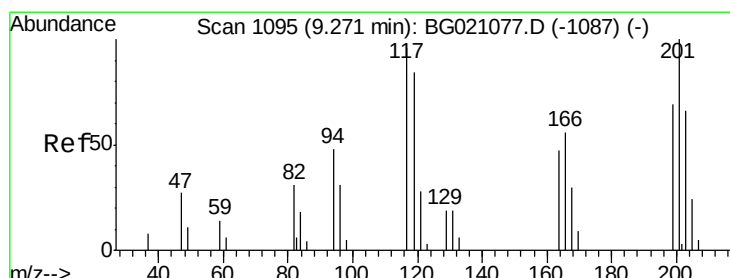
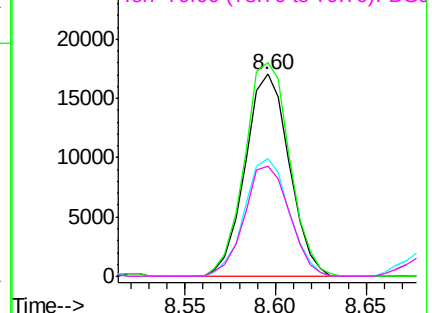
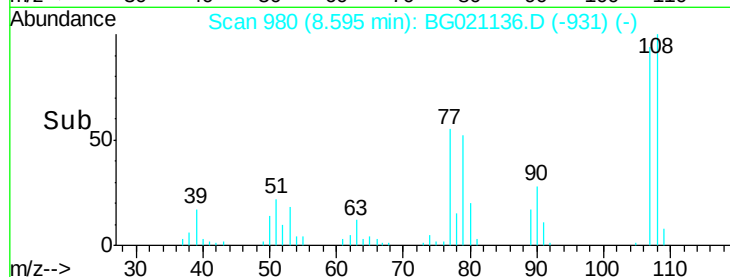
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 53.79 ng

RT: 9.25 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

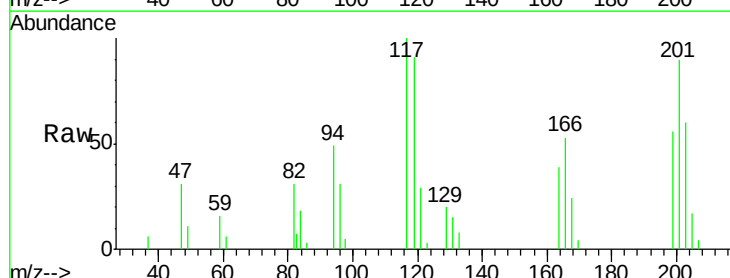
Tgt Ion:117 Resp: 11458

Ion Ratio Lower Upper

117 100

119 91.1 74.5 111.7

201 89.5 68.2 102.4

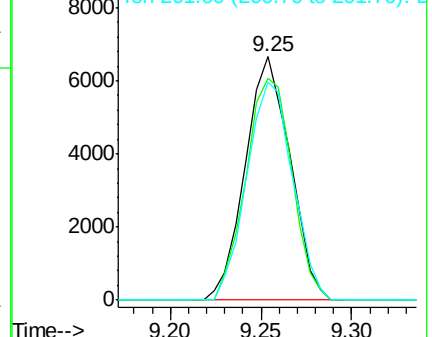
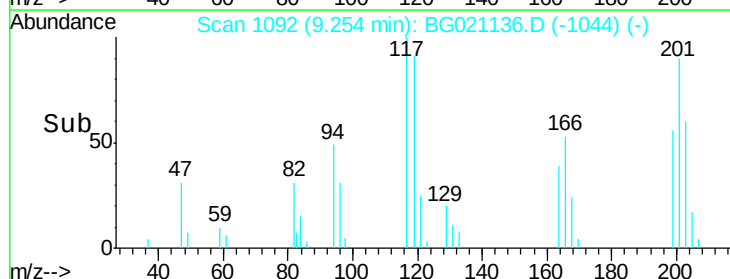


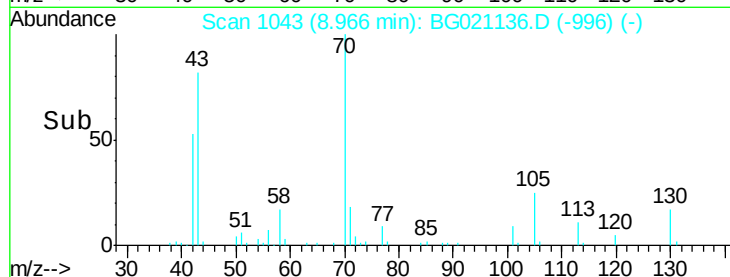
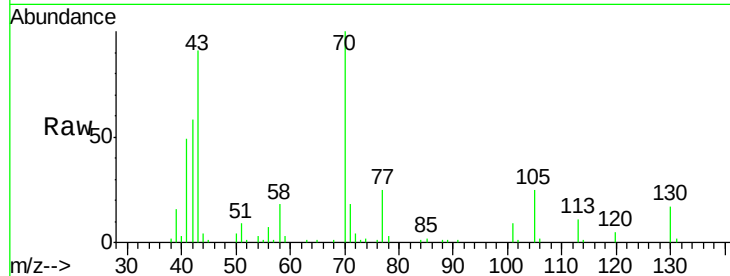
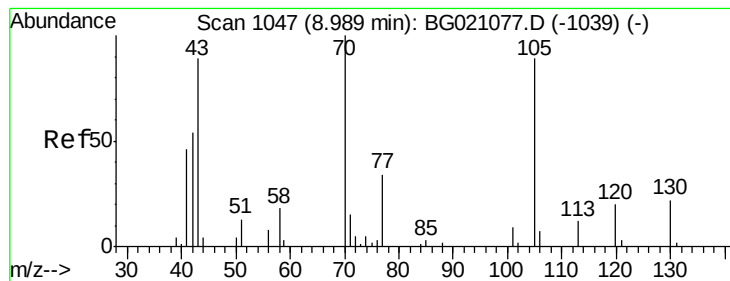
Abundance

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: 67.05 ng

RT: 8.97 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

ClientSampleId :

EP004MS

Tgt Ion: 70 Resp: 30564

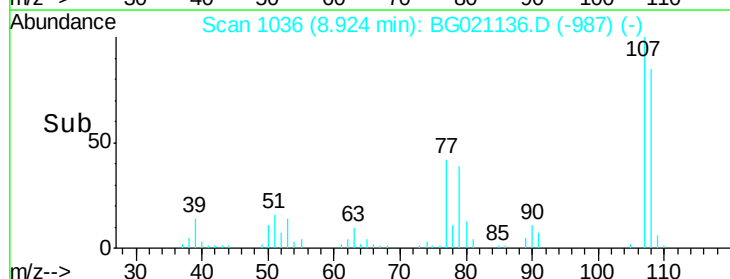
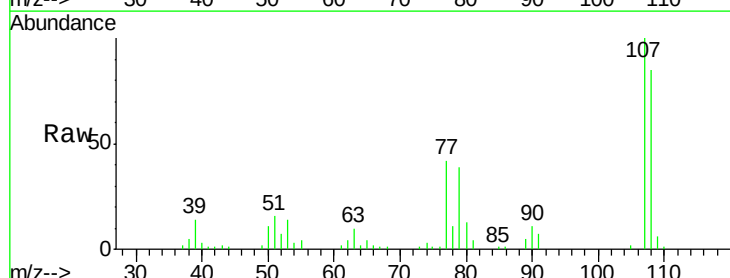
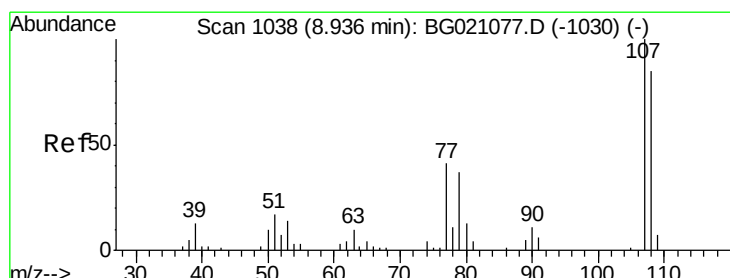
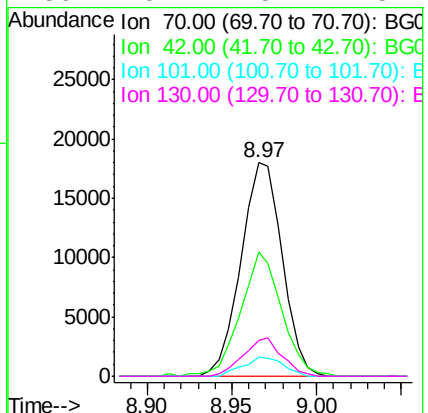
Ion Ratio Lower Upper

70 100

42 58.2 48.8 73.2

101 8.9 8.5 12.7

130 16.7 15.4 23.2



#20

3+4-Methylphenols

Concen: 67.59 ng

RT: 8.92 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Tgt Ion: 107 Resp: 40042

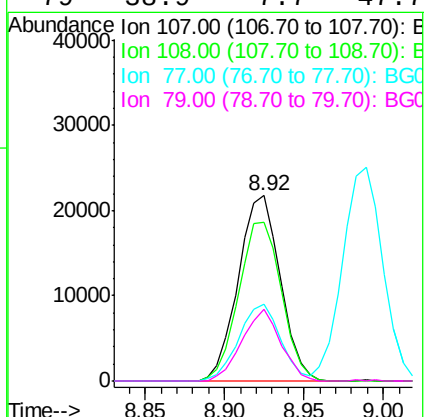
Ion Ratio Lower Upper

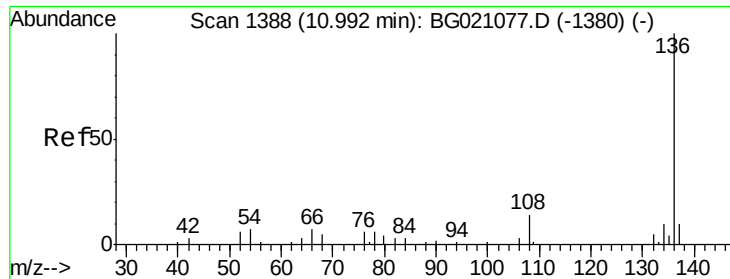
107 100

108 85.3 67.6 107.6

77 41.6 14.4 54.4

79 38.9 7.7 47.7

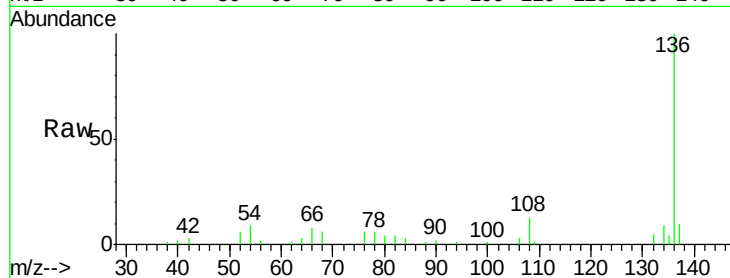




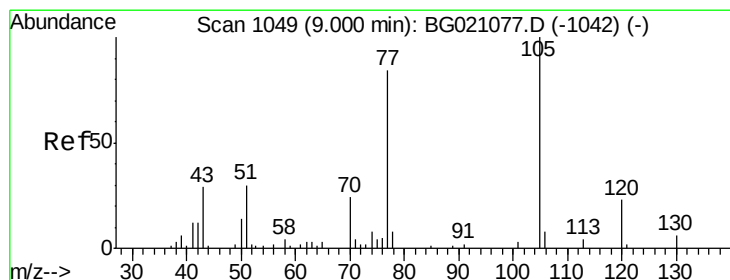
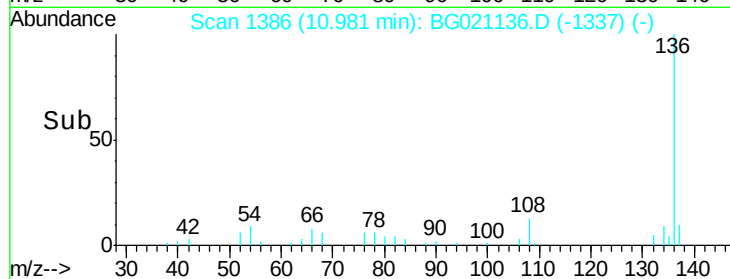
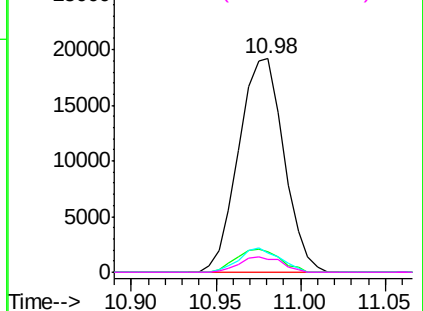
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Instrument :
BNA_G
ClientSampleId :
EP004MS

Tgt Ion:	136	Resp:	35905
Ion Ratio	Lower	Upper	
136	100		
137	9.8	8.8	13.2
54	8.9	6.9	10.3
68	6.3	5.8	8.6

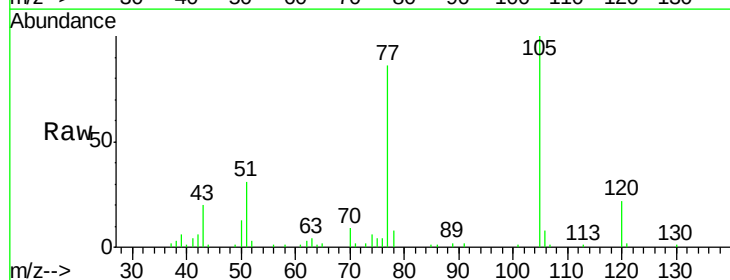


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

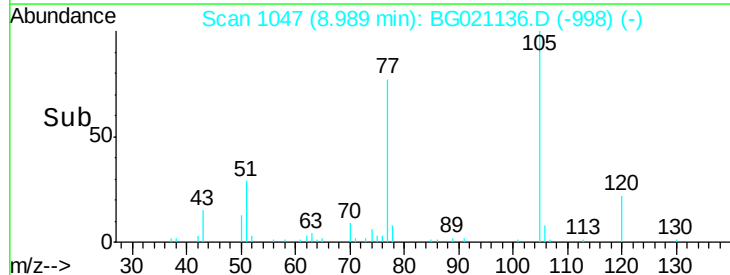
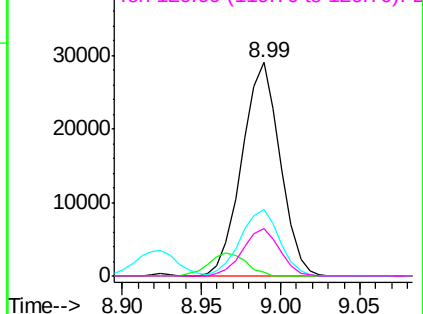


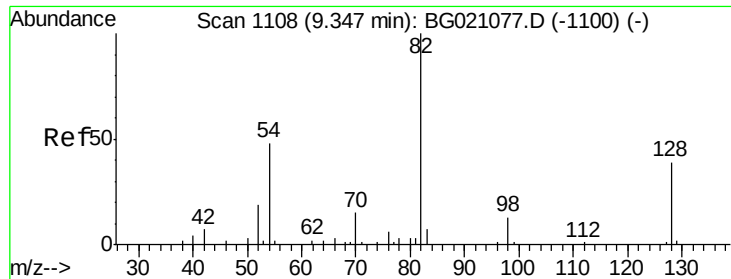
#22
Acetophenone
Concen: 49.05 ng
RT: 8.99 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion:	105	Resp:	48609
Ion Ratio	Lower	Upper	
105	100		
71	1.7	0.0	0.0#
51	30.9	21.4	32.2
120	22.0	18.0	27.0



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

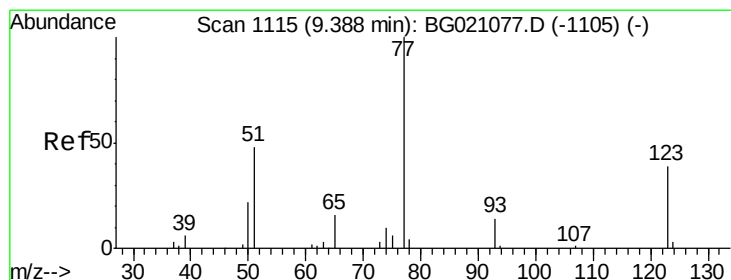
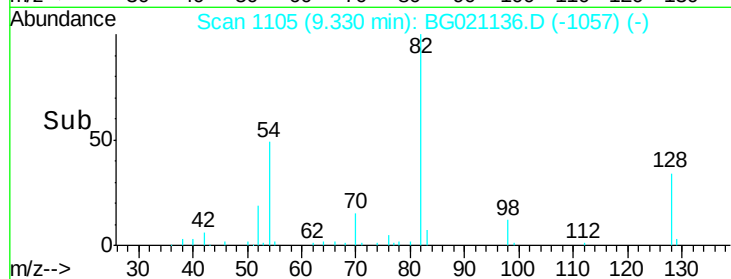
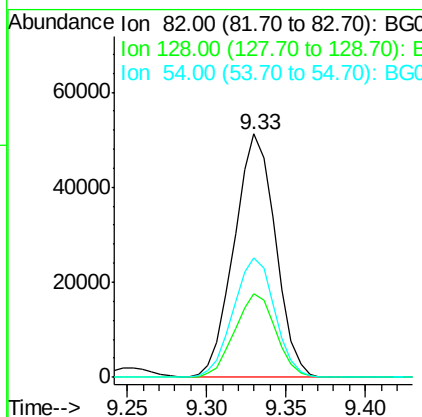
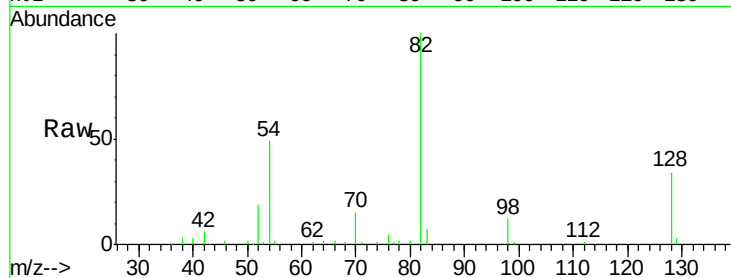




#23
 Nitrobenzene-d5
 Concen: 123.02 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

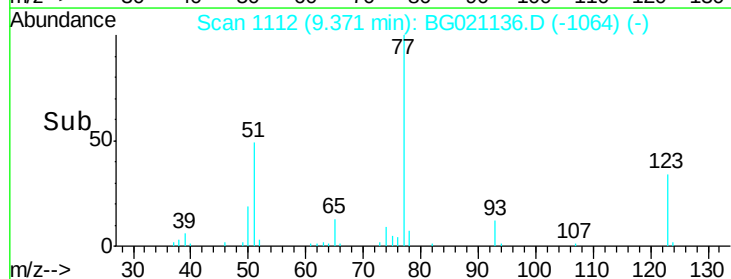
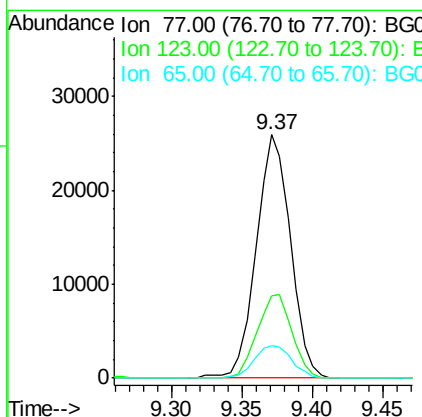
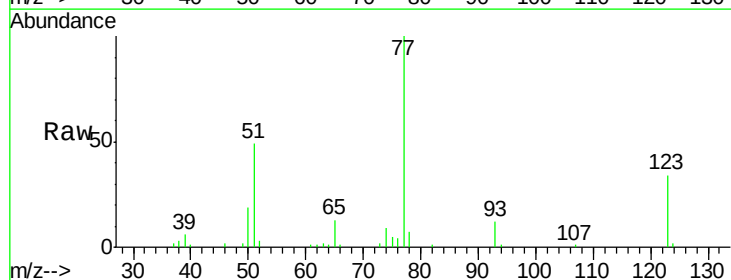
Instrument :
 BNA_G
 ClientSampleId :
 EP004MS

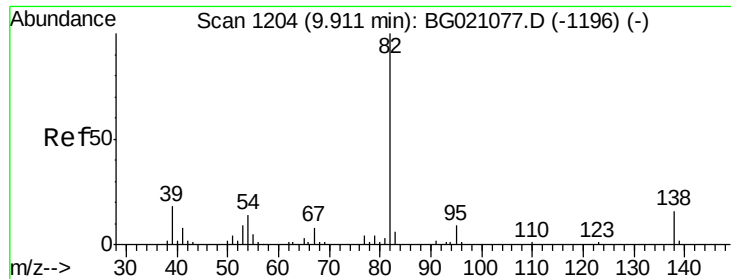
Tgt Ion: 82 Resp: 92706
 Ion Ratio Lower Upper
 82 100
 128 34.2 36.3 54.5#
 54 49.2 37.6 56.4



#24
 Nitrobenzene
 Concen: 56.79 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. -0.02 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Tgt Ion: 77 Resp: 44215
 Ion Ratio Lower Upper
 77 100
 123 33.8 35.8 53.6#
 65 13.5 10.6 16.0

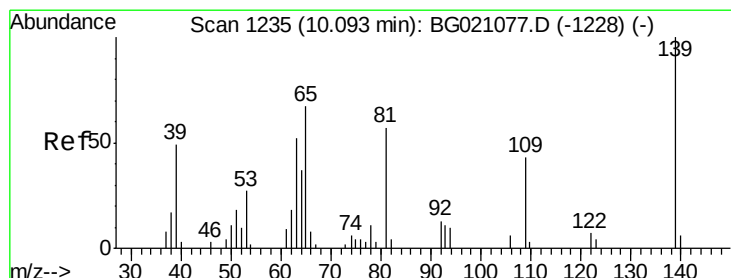
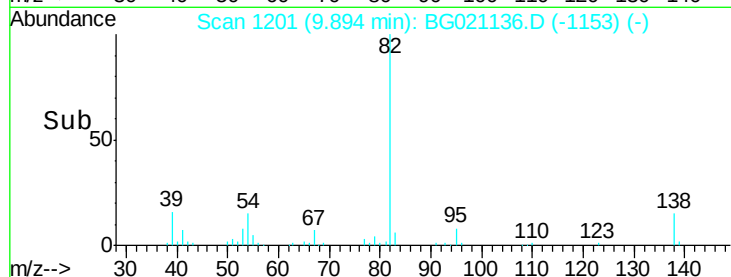
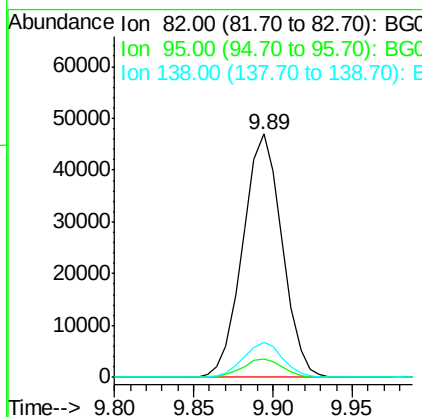
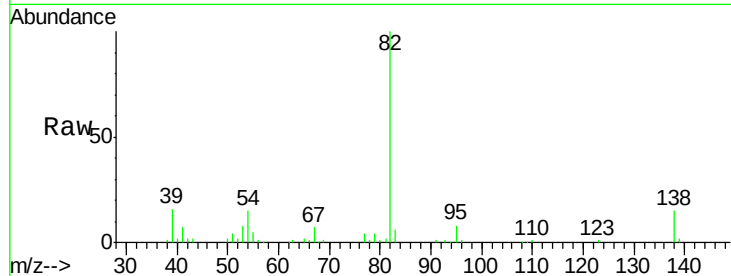




#25
Isophorone
Concen: 57.20 ng
RT: 9.89 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

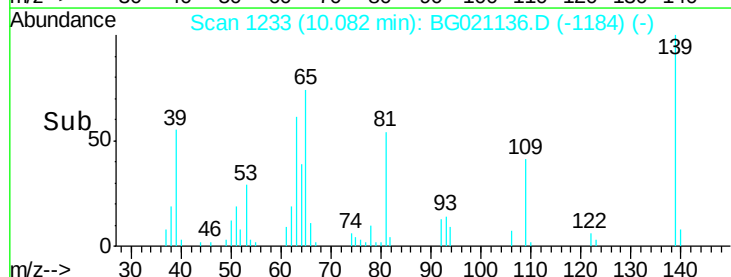
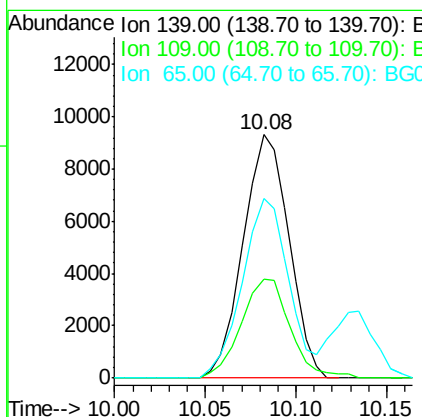
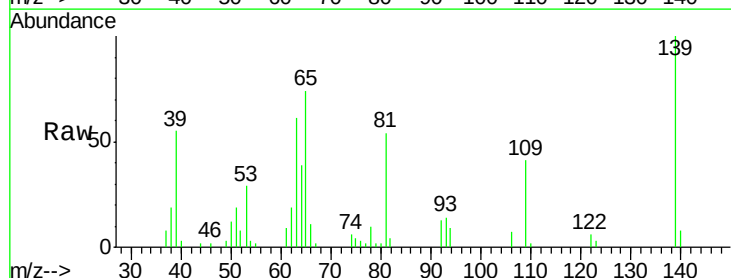
Instrument :
BNA_G
ClientSampleId :
EP004MS

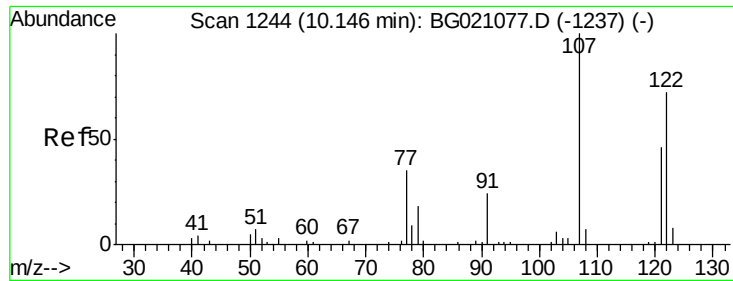
Tgt Ion: 82 Resp: 80788
Ion Ratio Lower Upper
82 100
95 7.6 5.4 8.0
138 14.5 13.4 20.0



#26
2-Nitrophenol
Concen: 49.80 ng
RT: 10.08 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion: 139 Resp: 16392
Ion Ratio Lower Upper
139 100
109 40.6 21.4 32.0#
65 73.8 37.8 56.8#

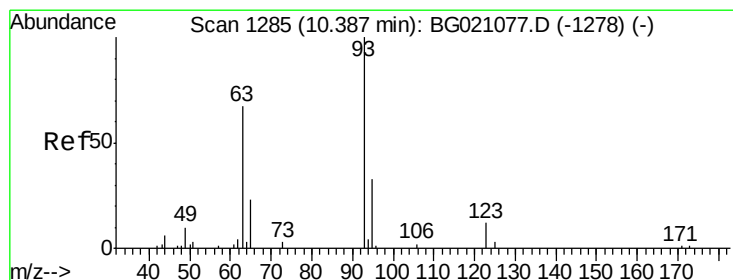
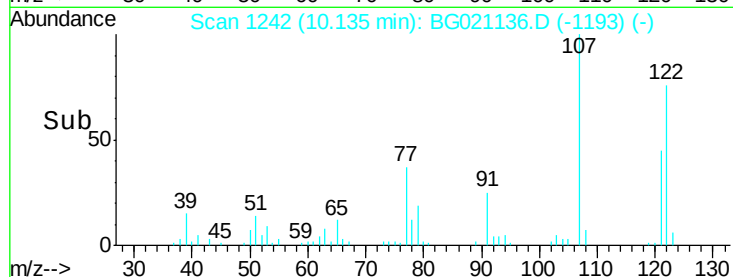
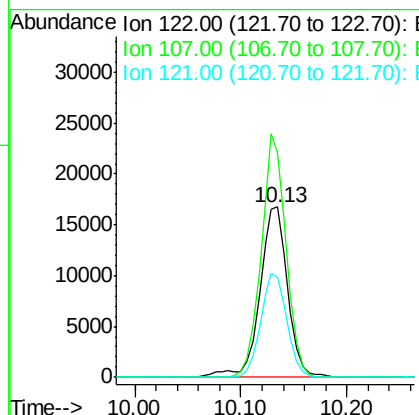
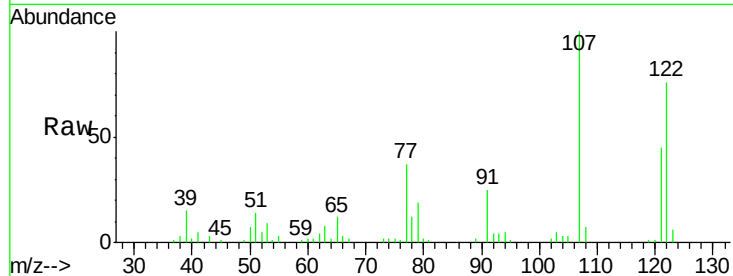




#27
 2,4-Dimethylphenol
 Concen: 52.74 ng
 RT: 10.13 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

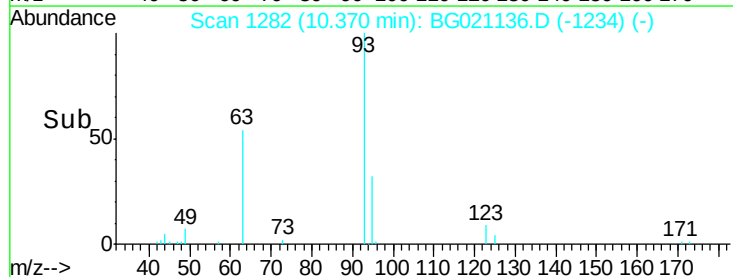
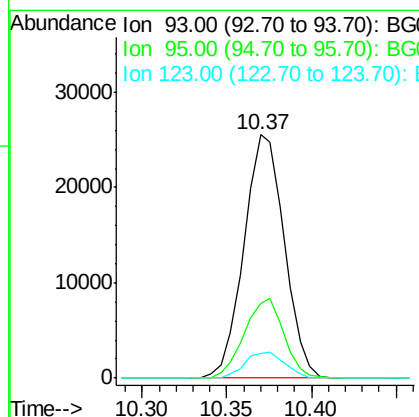
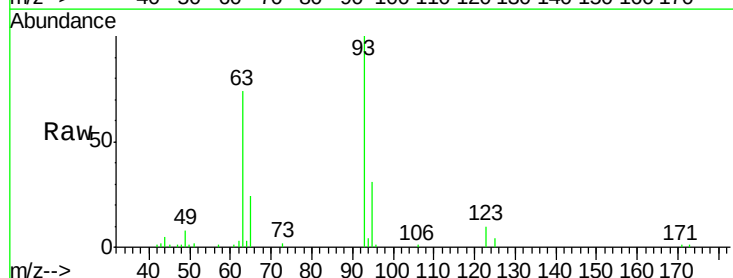
Instrument :
 BNA_G
 ClientSampleId :
 EP004MS

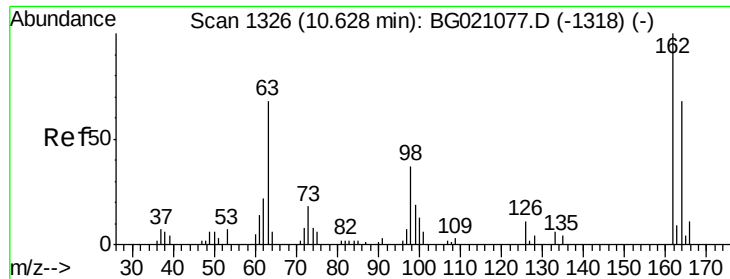
Tgt Ion: 122 Resp: 30618
 Ion Ratio Lower Upper
 122 100
 107 131.9 94.1 141.1
 121 59.0 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 61.80 ng
 RT: 10.37 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Tgt Ion: 93 Resp: 42536
 Ion Ratio Lower Upper
 93 100
 95 30.9 24.2 36.2
 123 10.0 9.0 13.6

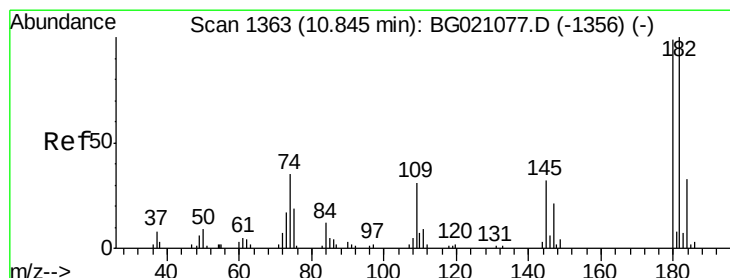
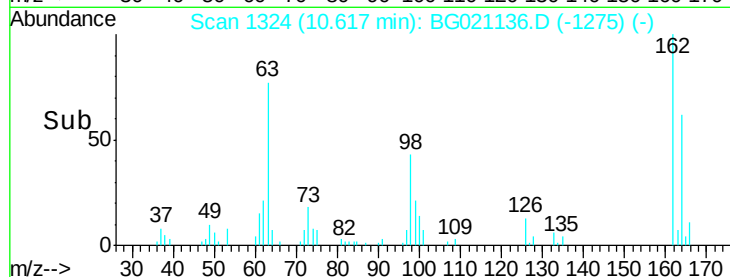
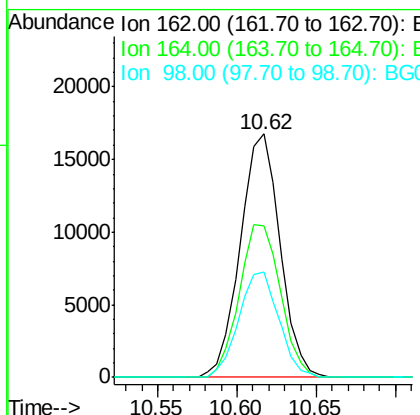
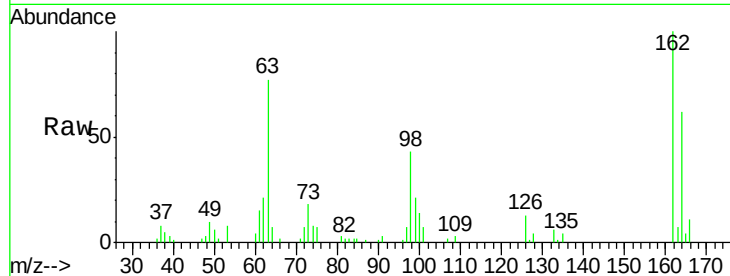




#29
 2,4-Dichlorophenol
 Concen: 51.38 ng
 RT: 10.62 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

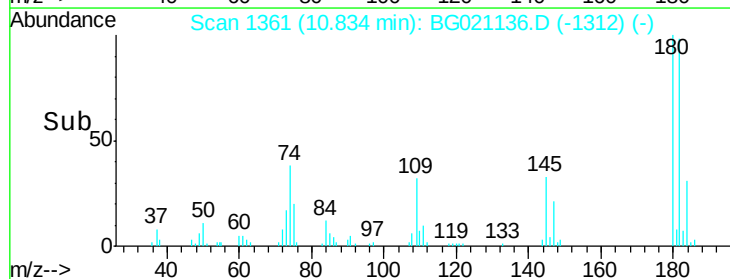
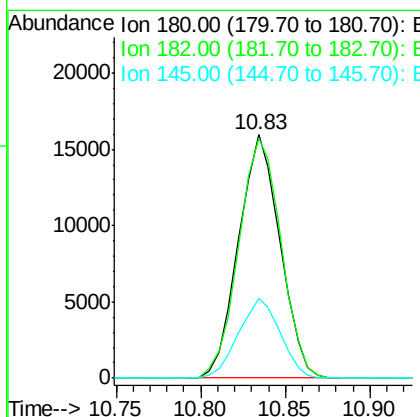
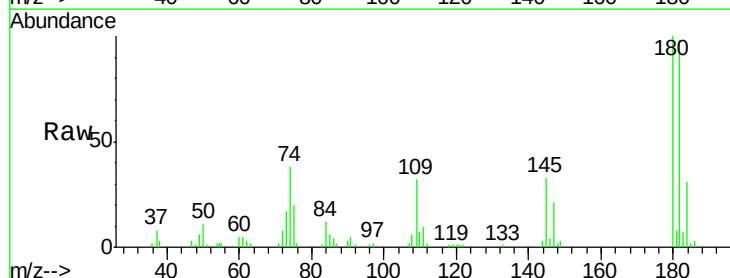
Instrument :
 BNA_G
 ClientSampleId :
 EP004MS

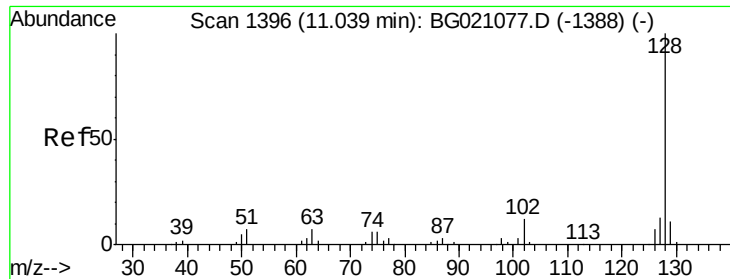
Tgt Ion:162 Resp: 29202
 Ion Ratio Lower Upper
 162 100
 164 62.4 43.7 83.7
 98 43.2 18.3 58.3



#30
 1,2,4-Trichlorobenzene
 Concen: 42.24 ng
 RT: 10.83 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Tgt Ion:180 Resp: 27207
 Ion Ratio Lower Upper
 180 100
 182 98.4 77.4 116.0
 145 32.7 25.7 38.5

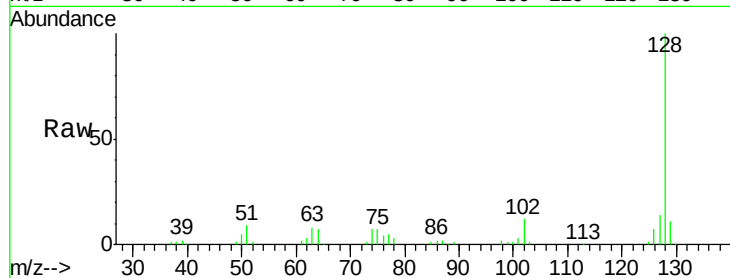




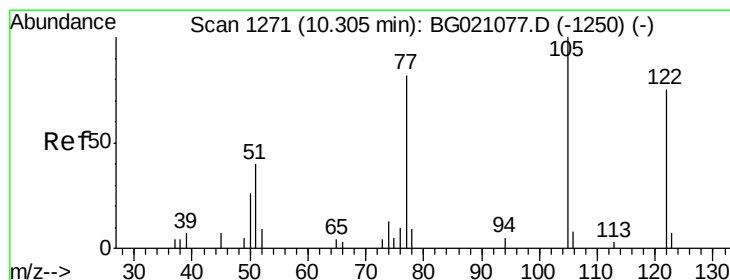
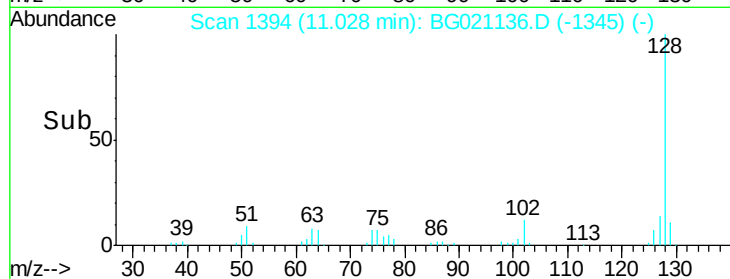
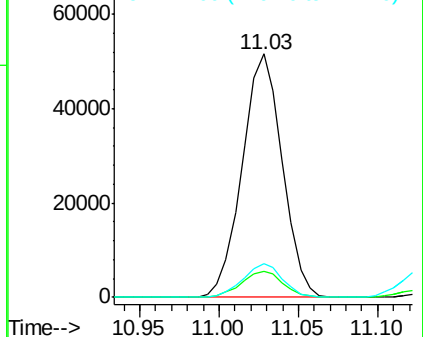
#31
Naphthalene
Concen: 49.10 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Instrument :
BNA_G
ClientSampleId :
EP004MS

Tgt Ion:128 Resp: 90551
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 13.7 10.8 16.2

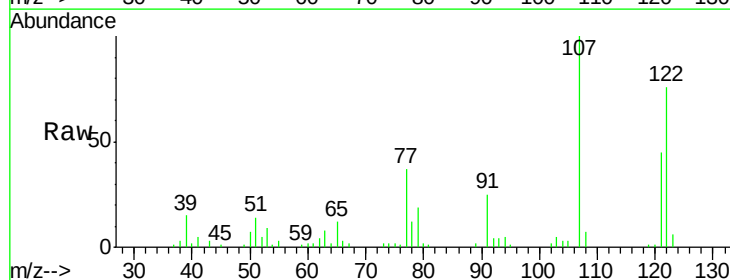


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

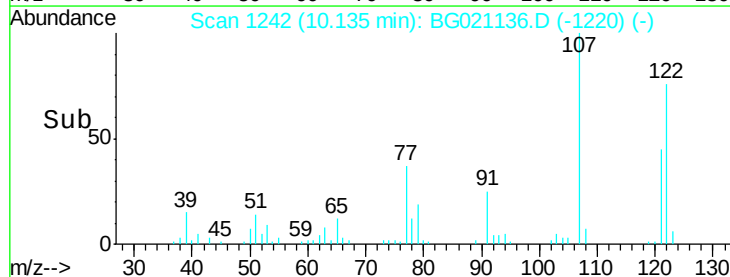
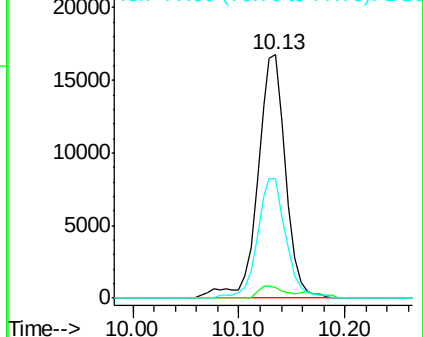


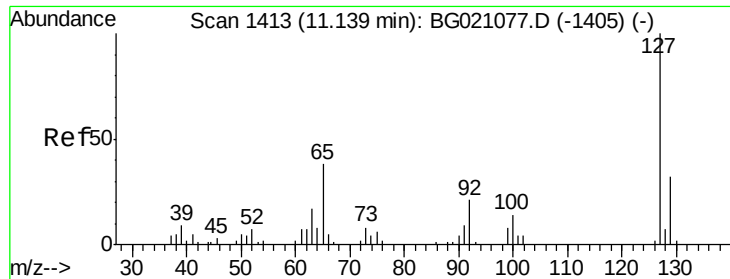
#32
Benzoic acid
Concen: 57.43 ng
RT: 10.13 min Scan# 1242
Delta R.T. -0.17 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion:122 Resp: 30618
Ion Ratio Lower Upper
122 100
105 4.4 98.7 138.7#
77 48.9 84.5 124.5#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

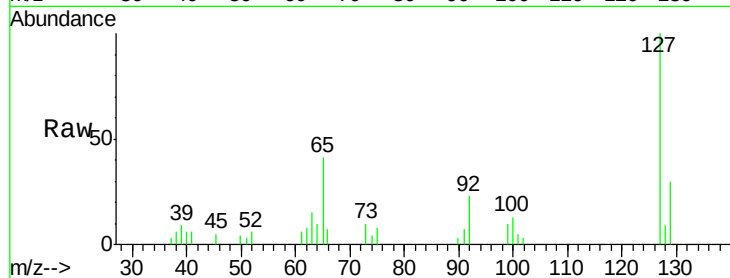




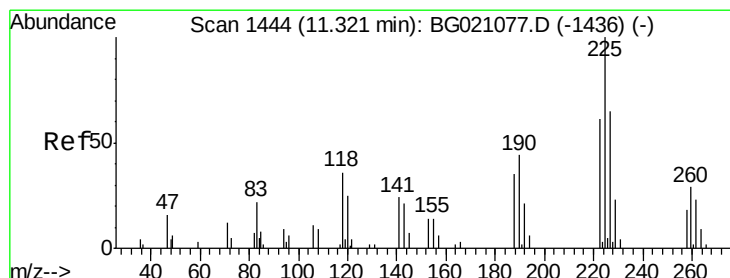
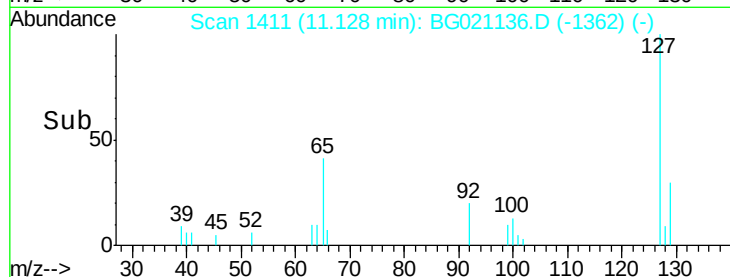
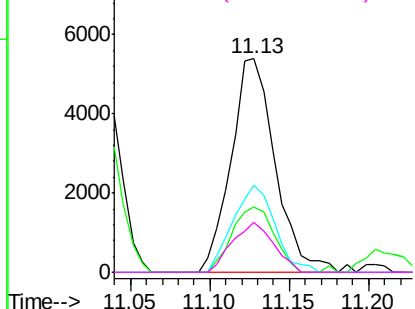
#33
4-Chloroaniline
Concen: 13.50 ng
RT: 11.13 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Instrument :
BNA_G
ClientSampleId :
EP004MS

Tgt Ion:	127	Resp:	10399
Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.2	39.2
65	40.7	22.9	34.3#
92	23.4	15.0	22.6#

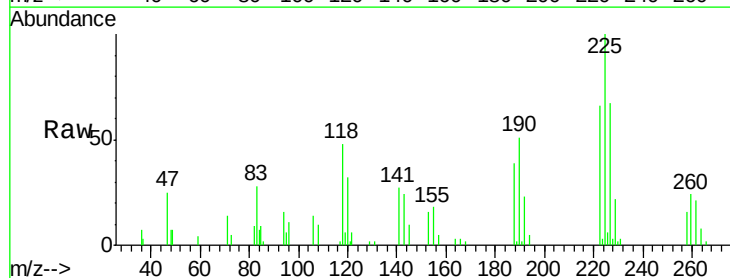


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

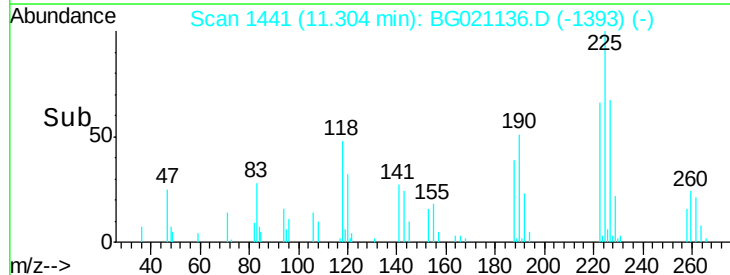
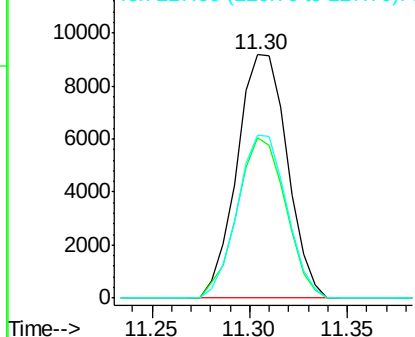


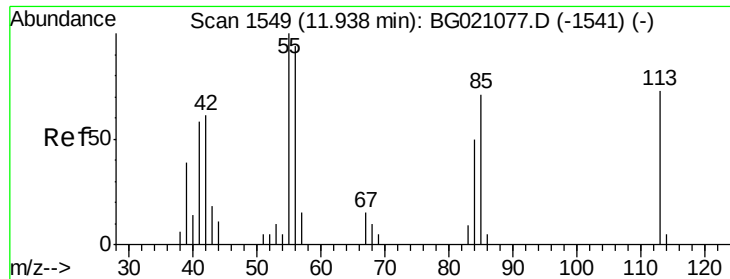
#34
Hexachlorobutadiene
Concen: 37.87 ng
RT: 11.30 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion:	225	Resp:	16325
Ion	Ratio	Lower	Upper
225	100		
223	65.5	54.6	82.0
227	66.1	54.6	81.8



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: 27.77 ng

RT: 11.95 min Scan# 1551

Delta R.T. 0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

ClientSampleId :

EP004MS

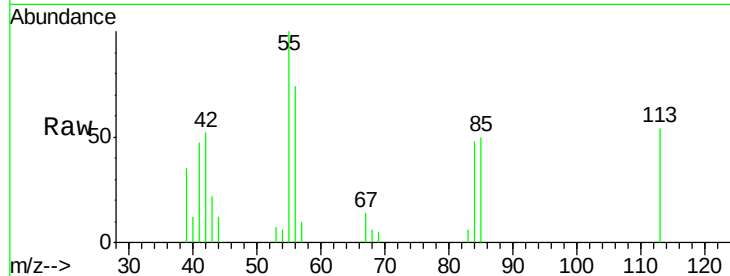
Tgt Ion:113 Resp: 5333

Ion Ratio Lower Upper

113 100

55 183.8 155.2 195.2

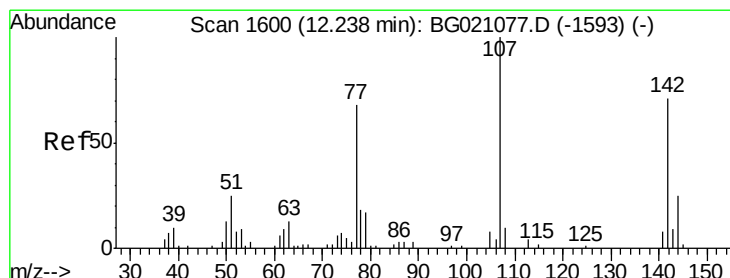
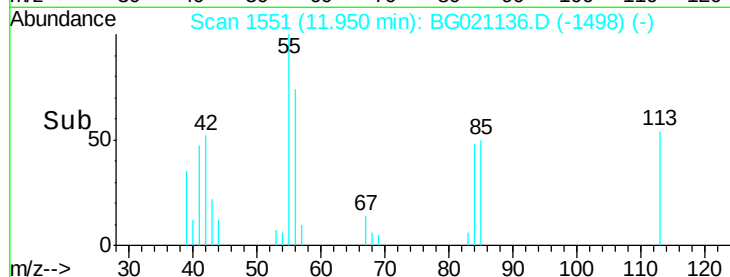
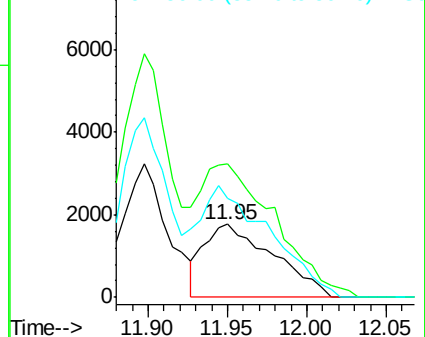
56 135.3 94.0 134.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 57.92 ng

RT: 12.23 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

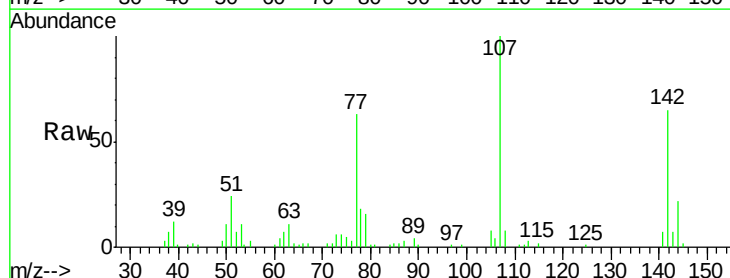
Tgt Ion:107 Resp: 40357

Ion Ratio Lower Upper

107 100

144 22.1 21.8 32.8

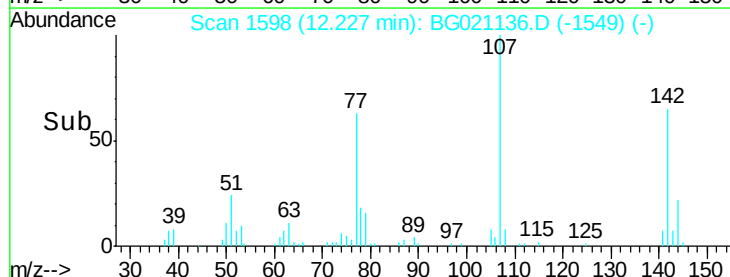
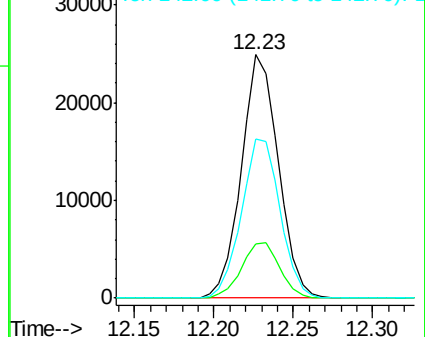
142 65.1 65.6 98.4#

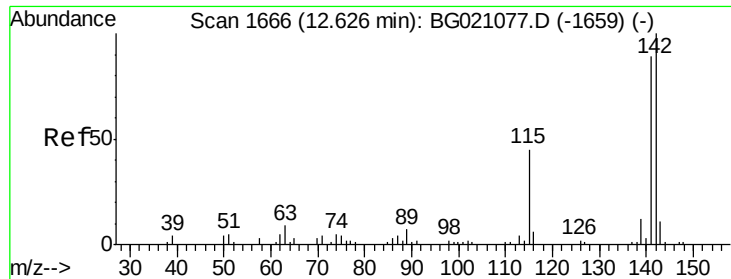


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

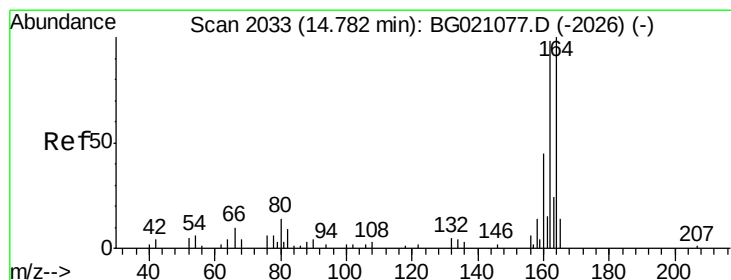
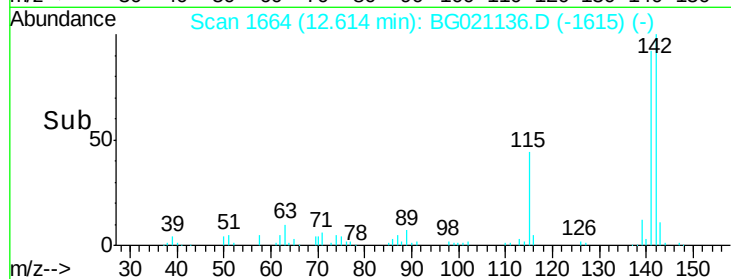
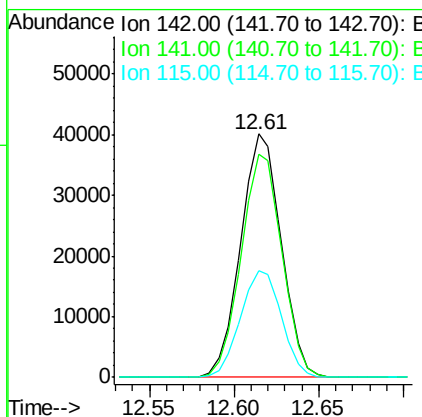
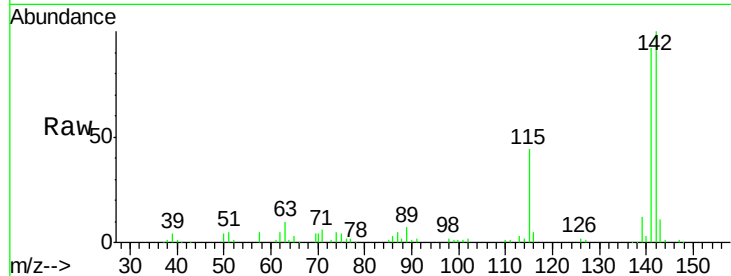




#37
 2-Methylnaphthalene
 Concen: 51.74 ng
 RT: 12.61 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

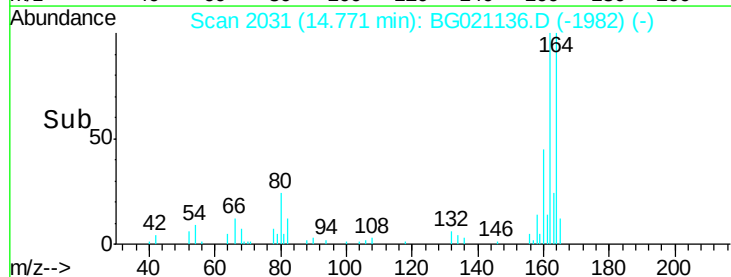
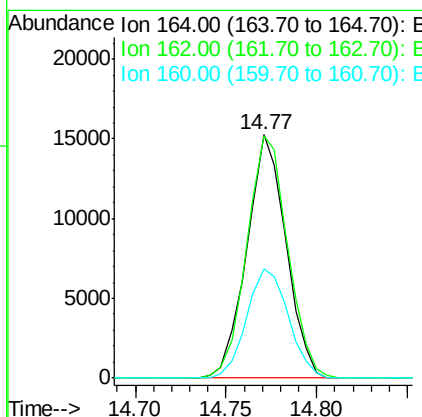
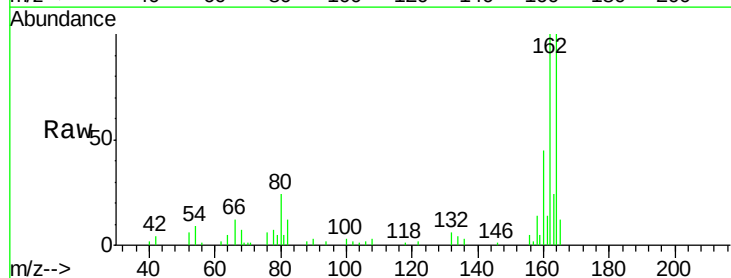
Instrument :
 BNA_G
 ClientSampled :
 EP004MS

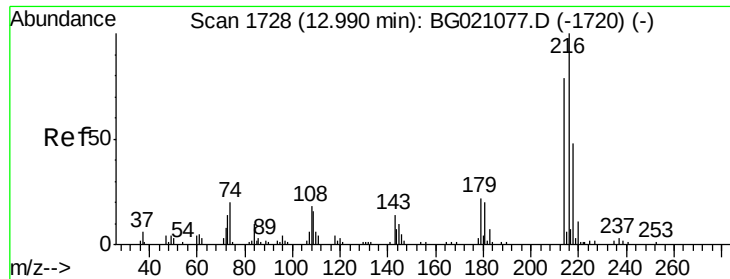
Tgt Ion:142 Resp: 67012
 Ion Ratio Lower Upper
 142 100
 141 91.6 71.7 107.5
 115 43.6 26.2 39.4#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Tgt Ion:164 Resp: 22892
 Ion Ratio Lower Upper
 164 100
 162 99.7 80.6 120.8
 160 44.9 36.5 54.7





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.26 ng

RT: 12.98 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

ClientSampleId :

EP004MS

Tgt Ion:216 Resp: 33215

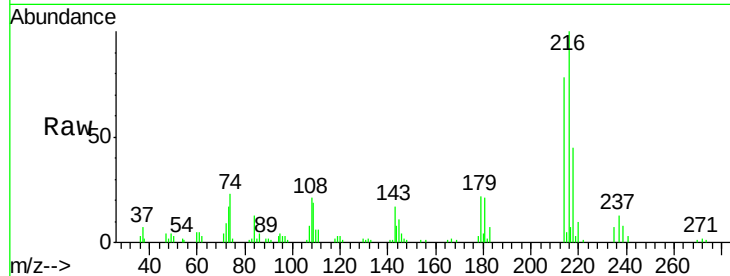
Ion Ratio Lower Upper

216 100

214 78.3 63.5 95.3

179 21.6 17.4 26.0

108 26.8 16.8 25.2#

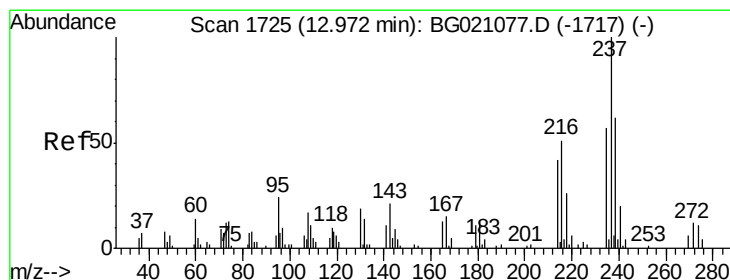
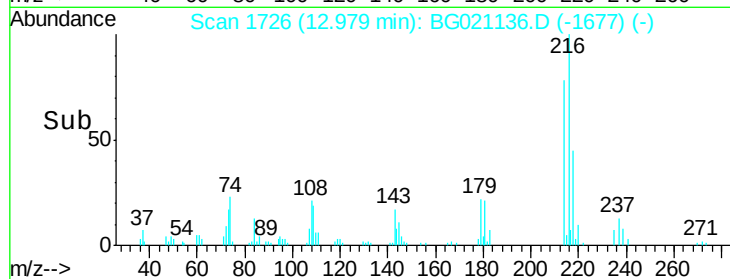
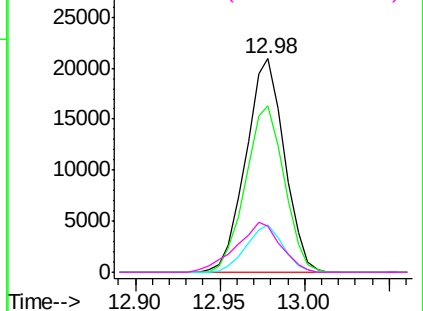


Abundance Ion 216.00 (215.70 to 216.70): E

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: 68.79 ng

RT: 12.96 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

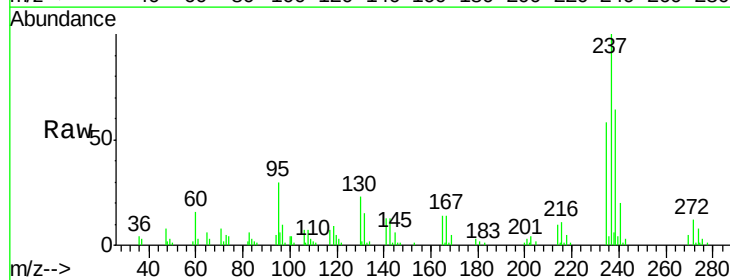
Tgt Ion:237 Resp: 38265

Ion Ratio Lower Upper

237 100

235 58.3 42.9 82.9

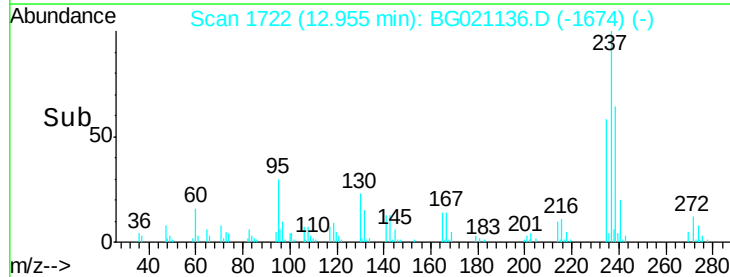
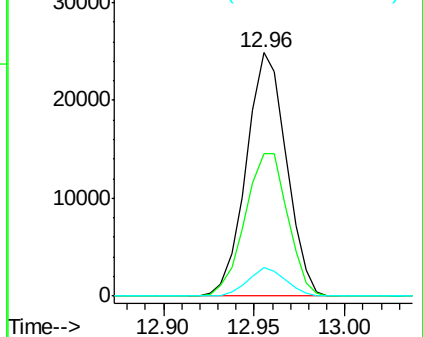
272 11.7 0.0 32.3

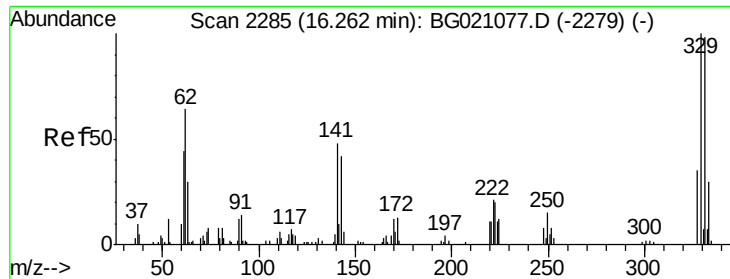


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

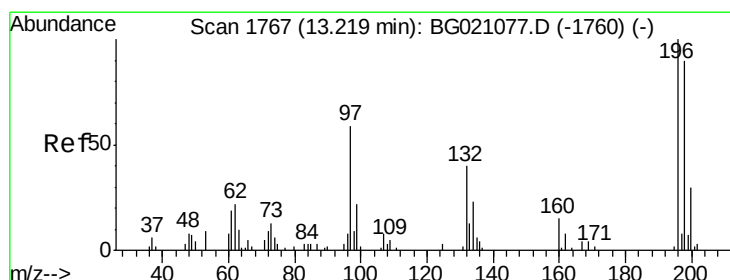
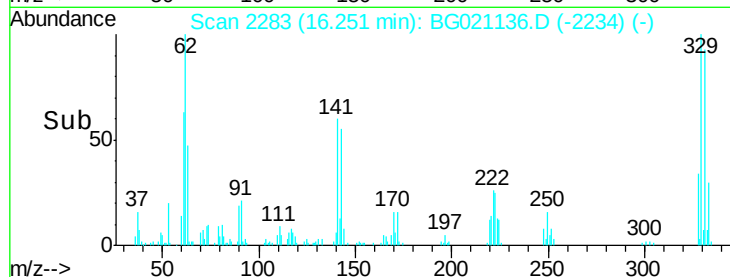
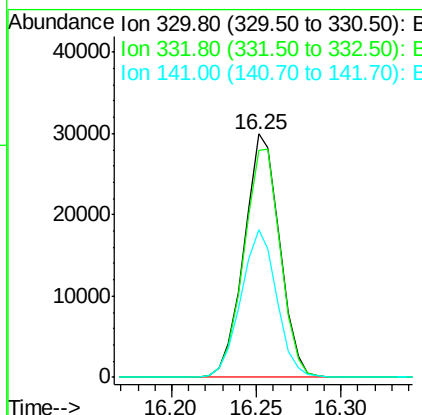
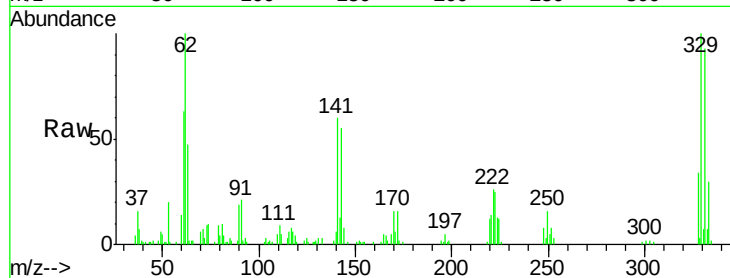




#41
 2,4,6-Tribromophenol
 Concen: 146.17 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

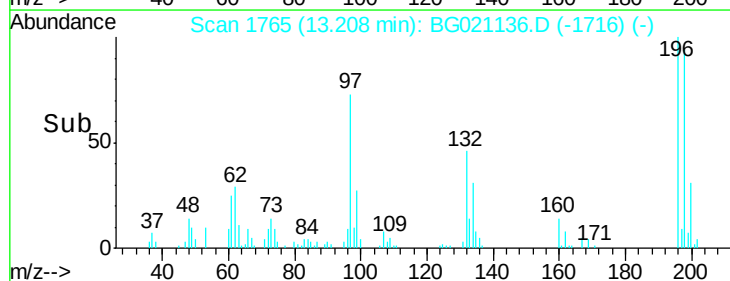
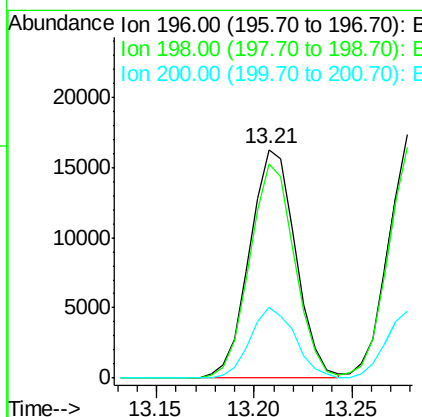
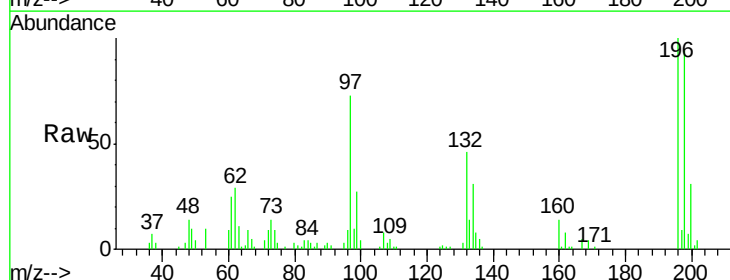
Instrument :
 BNA_G
 ClientSampleId :
 EP004MS

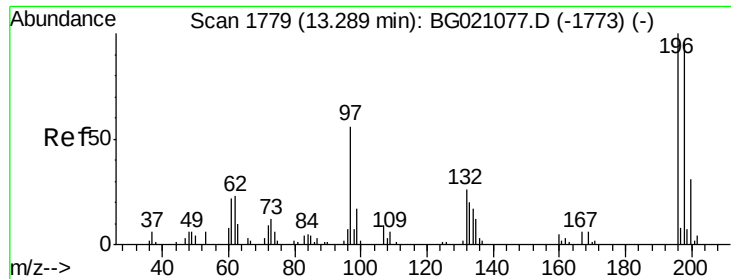
Tgt Ion:330 Resp: 43871
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.0
 141 60.7 35.3 52.9#



#42
 2,4,6-Trichlorophenol
 Concen: 49.82 ng
 RT: 13.21 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Tgt Ion:196 Resp: 26432
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.8 113.8
 200 31.2 23.8 35.8

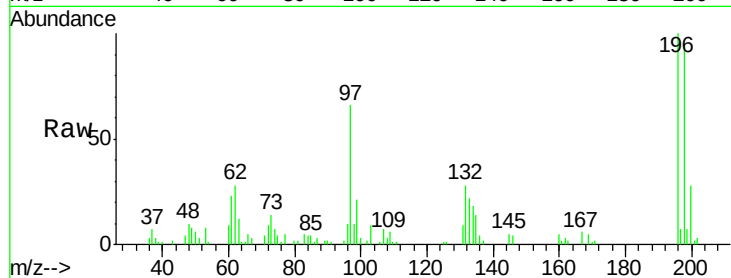




#43
2,4,5-Trichlorophenol
Concen: 53.23 ng
RT: 13.28 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Instrument :
BNA_G
ClientSampleId :
EP004MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	80.2	120.4
97	66.2	42.9	64.3
132	28.3	25.5	38.3



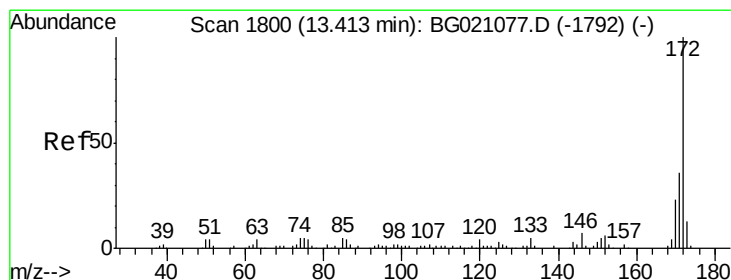
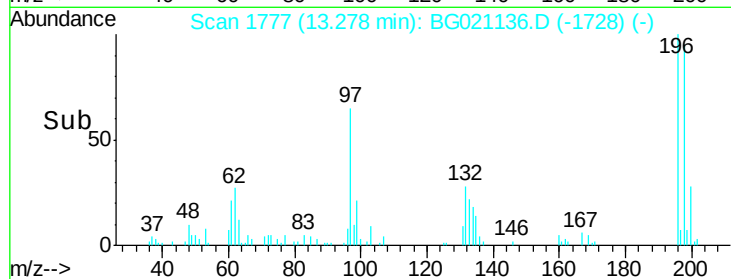
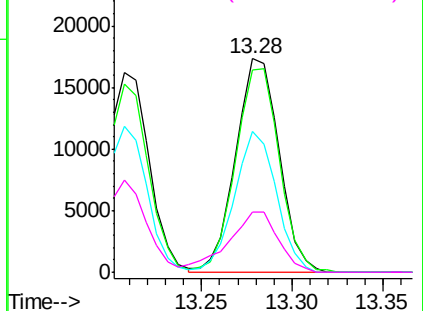
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 90.64 ng
RT: 13.40 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

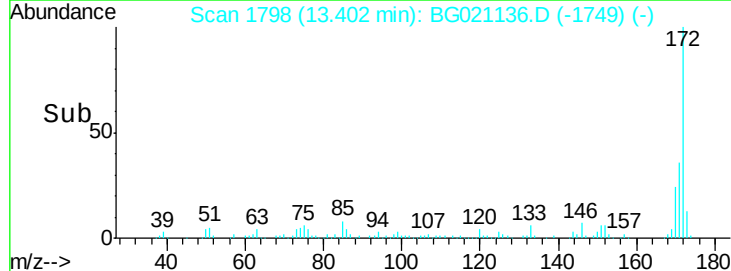
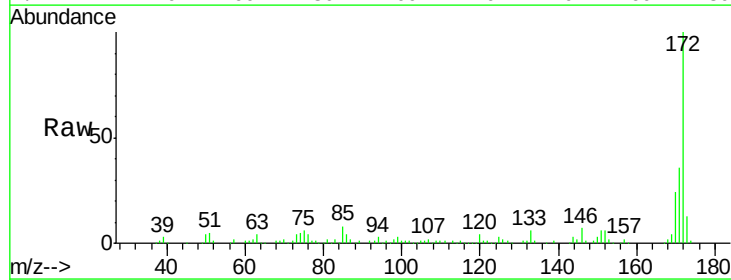
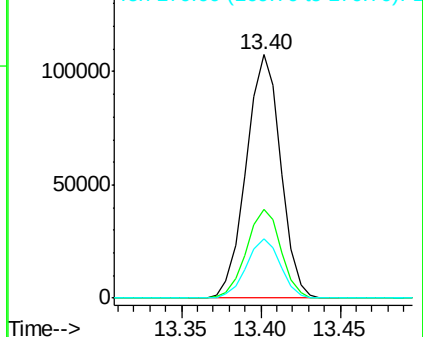
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.2	19.8	29.8

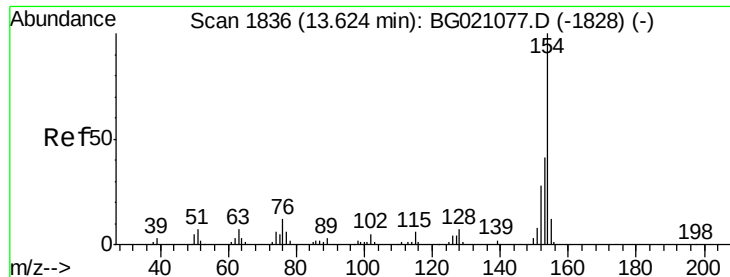
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

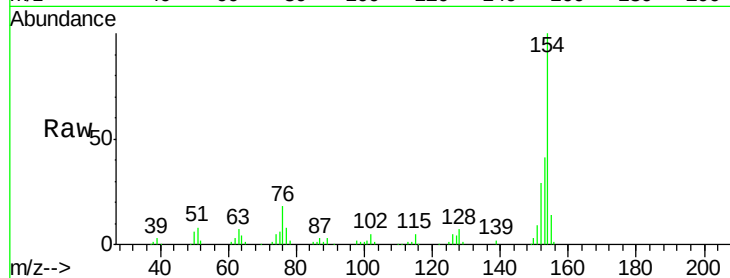




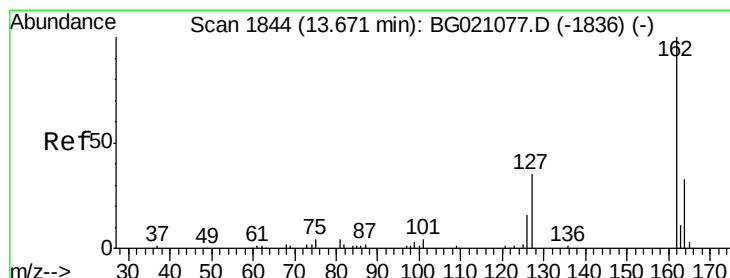
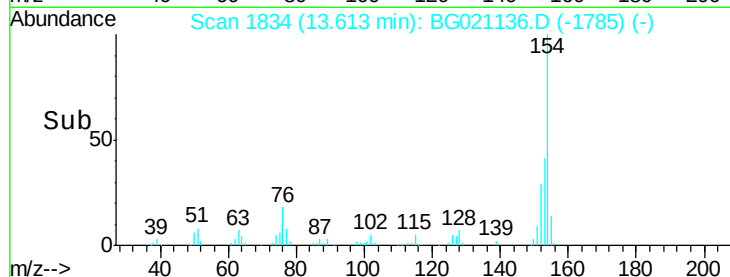
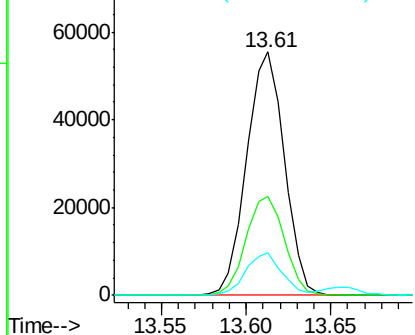
#45
 1,1'-Biphenyl
 Concen: 44.66 ng
 RT: 13.61 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Instrument :
 BNA_G
 ClientSampleId :
 EP004MS

Tgt Ion:	154	Resp:	86095
Ion Ratio	Lower	Upper	
154	100		
153	40.8	19.8	59.8
76	17.7	0.0	33.6

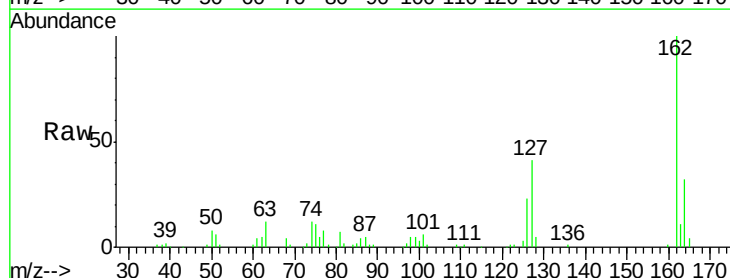


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

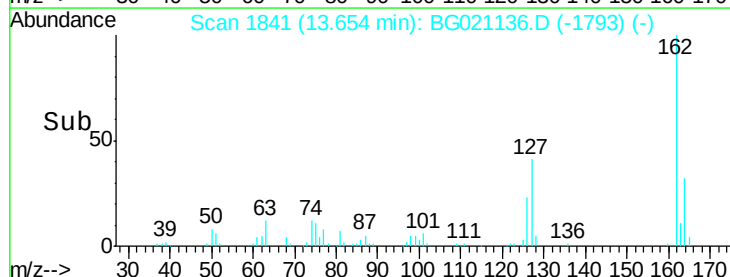
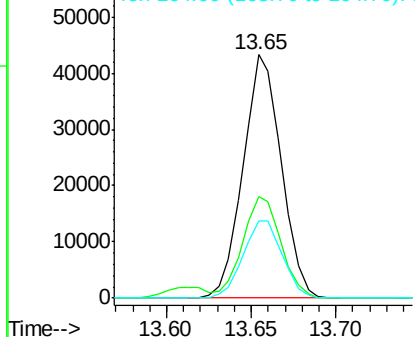


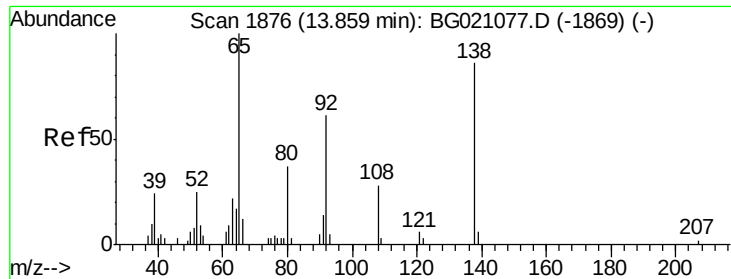
#46
 2-Chloronaphthalene
 Concen: 46.32 ng
 RT: 13.65 min Scan# 1841
 Delta R.T. -0.02 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Tgt Ion:	162	Resp:	67753
Ion Ratio	Lower	Upper	
162	100		
127	41.5	31.8	47.8
164	31.7	26.3	39.5



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

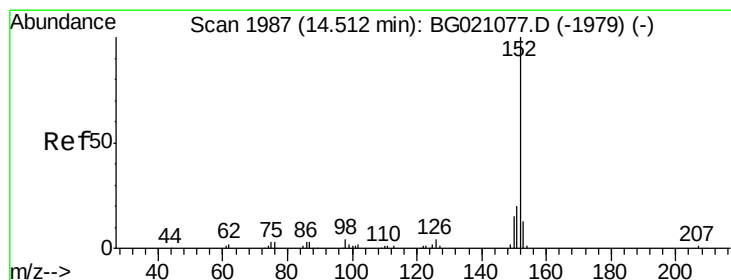
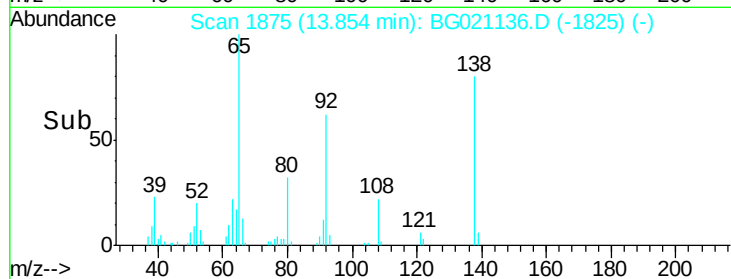
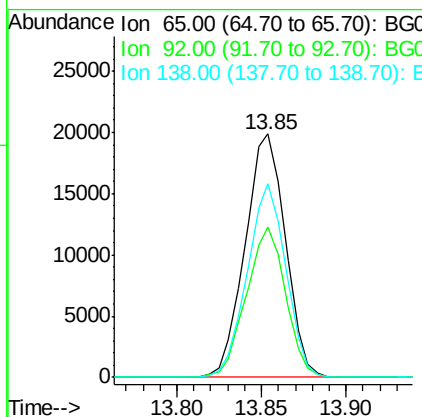
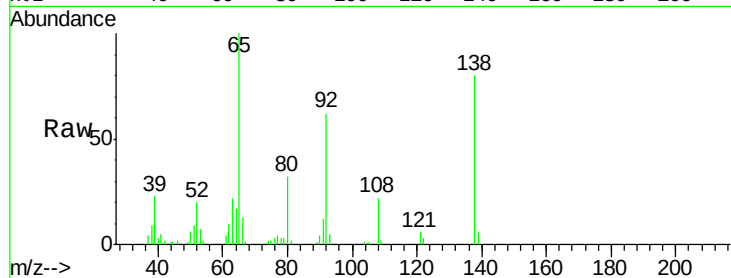




#47
2-Nitroaniline
Concen: 69.65 ng
RT: 13.85 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

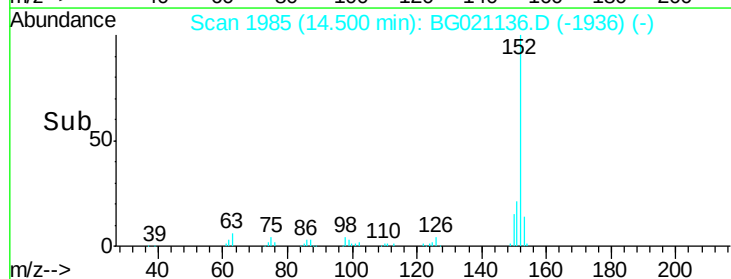
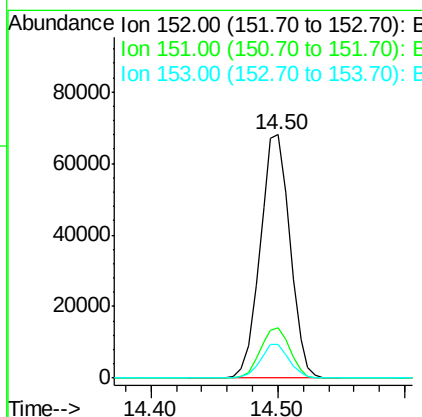
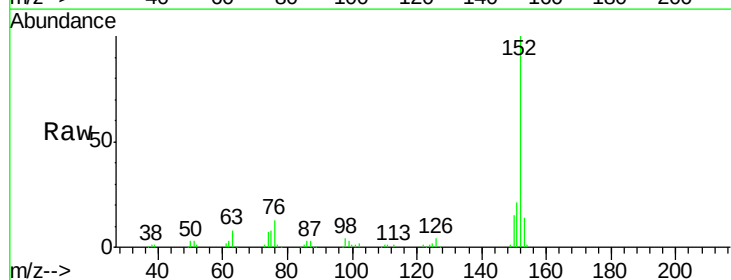
Instrument :
BNA_G
ClientSampleId :
EP004MS

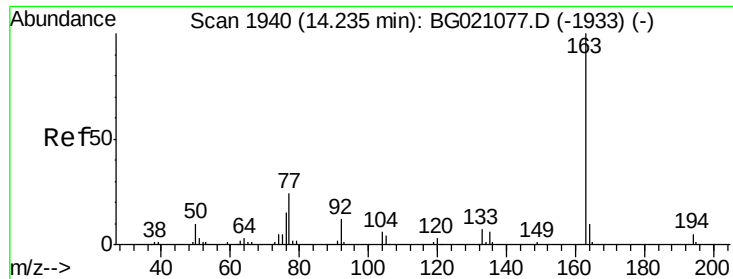
Tgt Ion: 65 Resp: 33012
Ion Ratio Lower Upper
65 100
92 61.8 54.6 82.0
138 79.7 94.9 142.3#



#48
Acenaphthylene
Concen: 48.09 ng
RT: 14.50 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion: 152 Resp: 111287
Ion Ratio Lower Upper
152 100
151 20.7 15.9 23.9
153 13.8 10.2 15.2

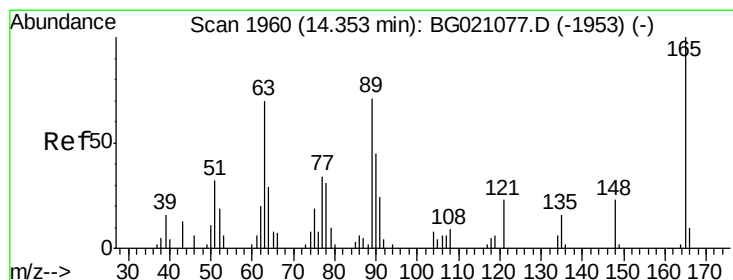
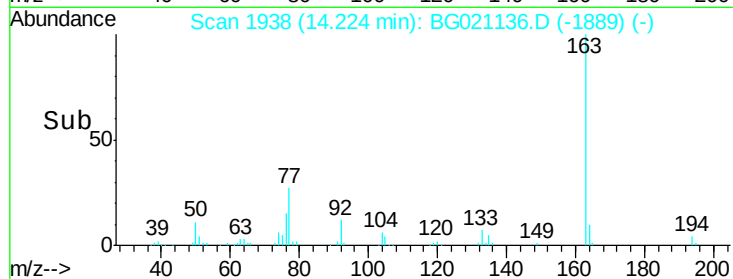
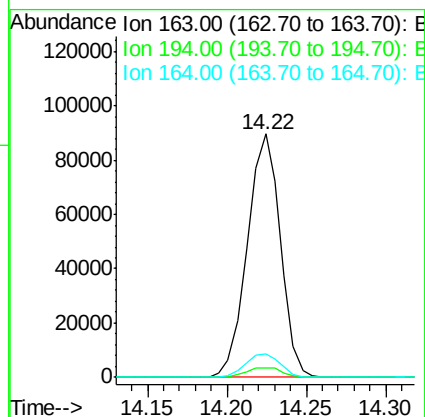
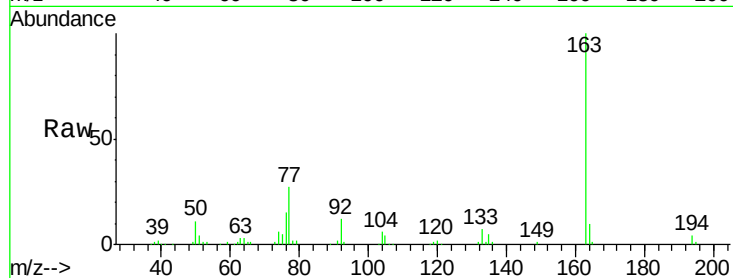




#49
Dimethylphthalate
Concen: 65.57 ng
RT: 14.22 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

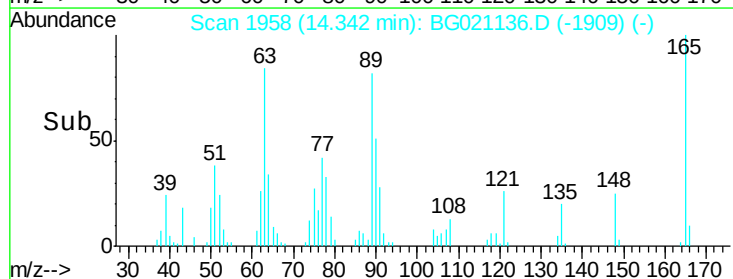
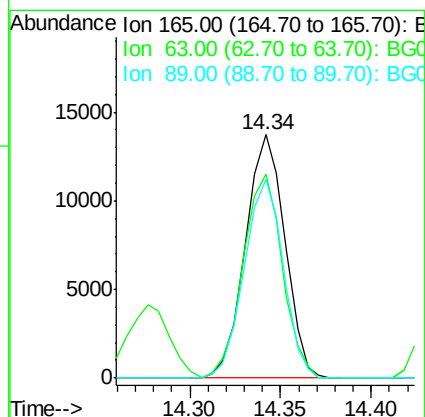
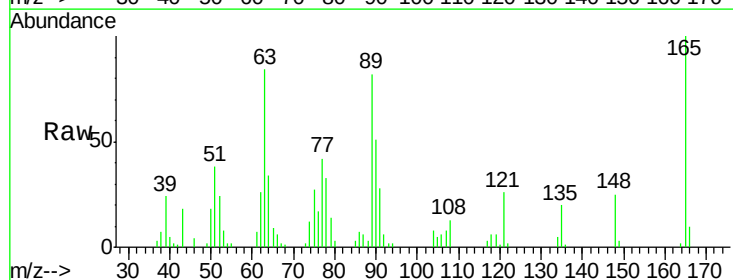
Instrument :
BNA_G
ClientSampleId :
EP004MS

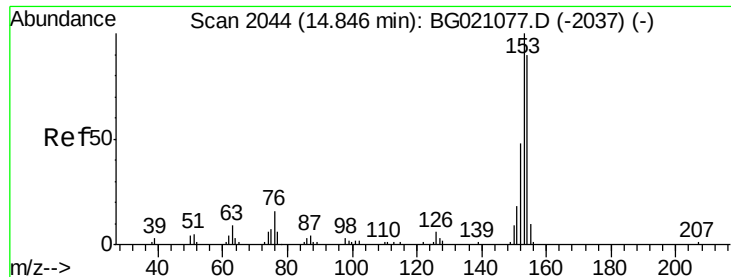
Tgt Ion:163 Resp: 129368
Ion Ratio Lower Upper
163 100
194 4.1 2.8 4.2
164 9.8 7.9 11.9



#50
2,6-Dinitrotoluene
Concen: 51.14 ng
RT: 14.34 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion:165 Resp: 20757
Ion Ratio Lower Upper
165 100
63 83.6 42.1 63.1#
89 81.8 46.1 69.1#





#51

Acenaphthene

Concen: 47.75 ng

RT: 14.84 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

ClientSampleId :

EP004MS

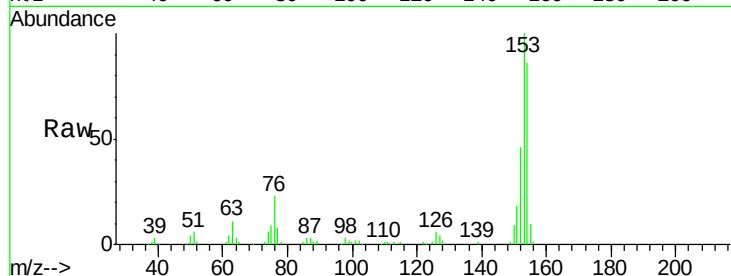
Tgt Ion:154 Resp: 75384

Ion Ratio Lower Upper

154 100

153 116.3 94.2 141.2

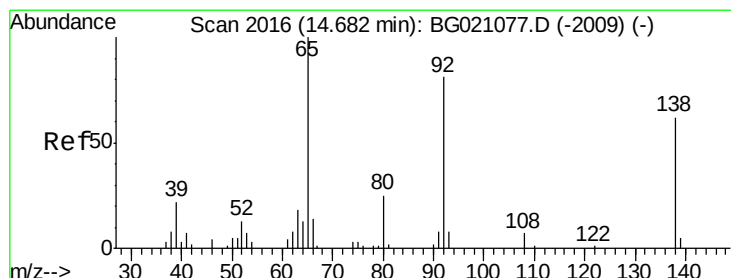
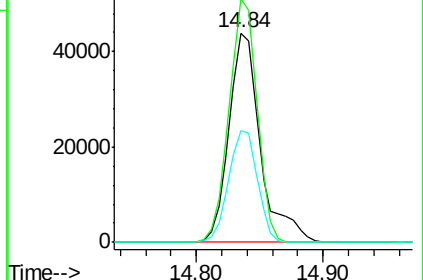
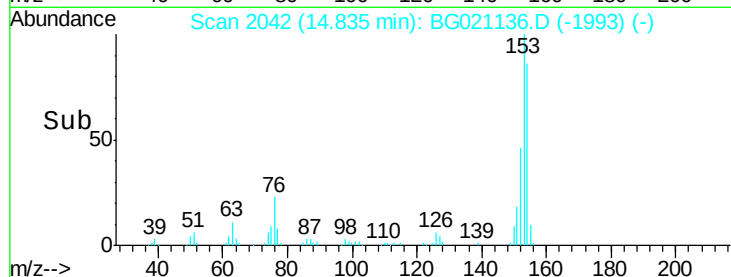
152 53.3 42.9 64.3



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: 28.21 ng

RT: 14.67 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

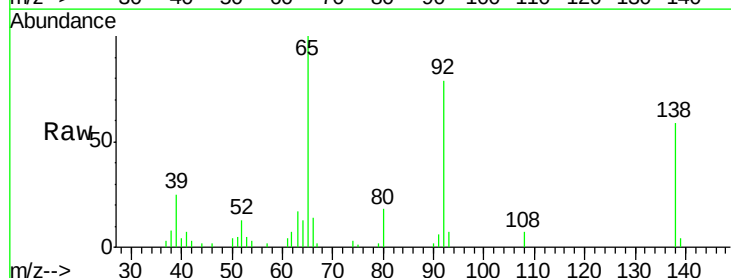
Tgt Ion:138 Resp: 11142

Ion Ratio Lower Upper

138 100

108 12.4 5.8 8.6#

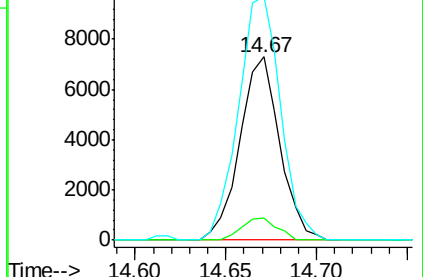
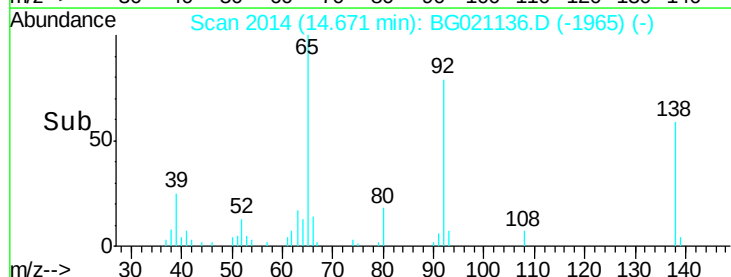
92 132.8 83.6 125.4#

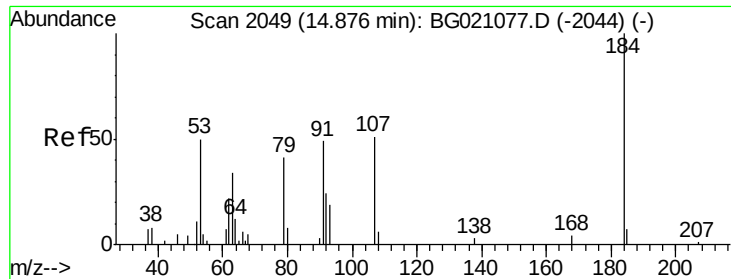


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

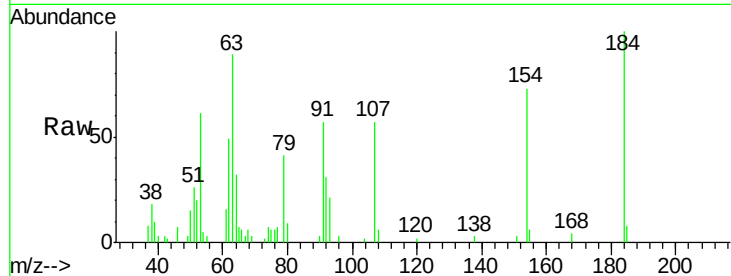




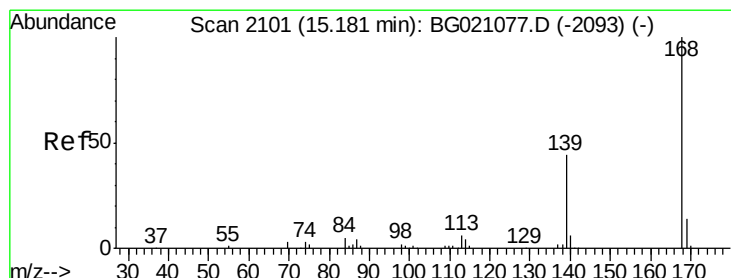
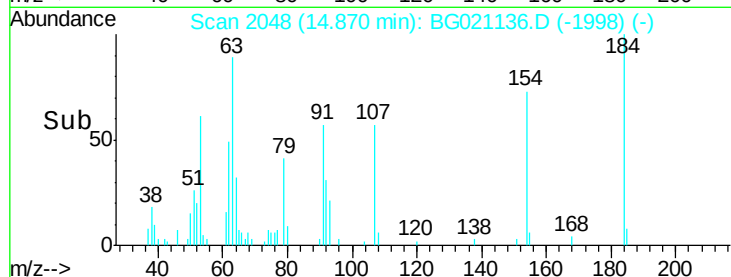
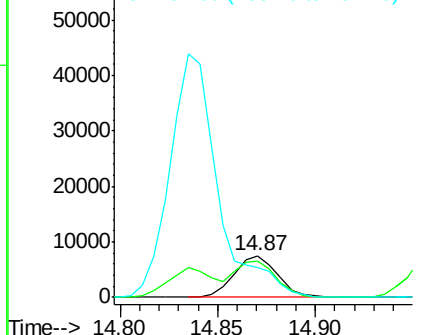
#53
2,4-Dinitrophenol
Concen: 40.07 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Instrument :
BNA_G
ClientSampled :
EP004MS

Tgt Ion:184 Resp: 11340
Ion Ratio Lower Upper
184 100
63 89.0 57.0 85.6#
154 72.5 51.3 76.9

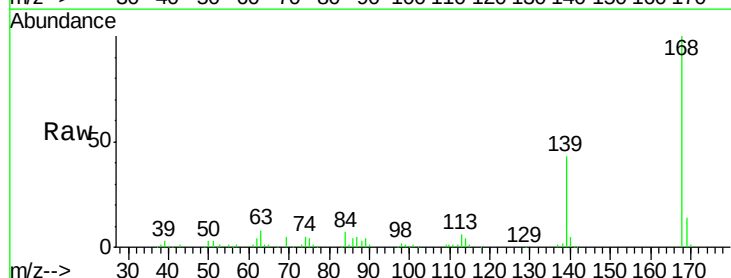


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

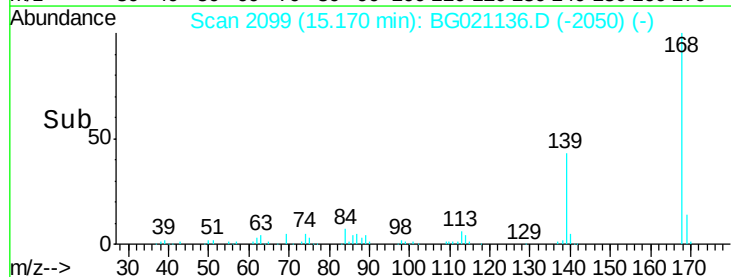
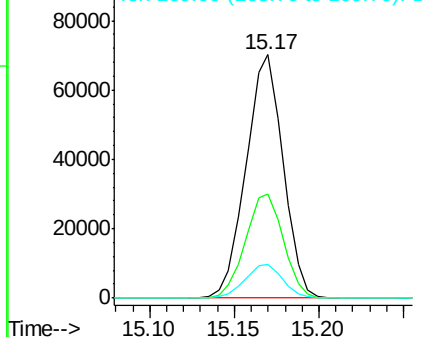


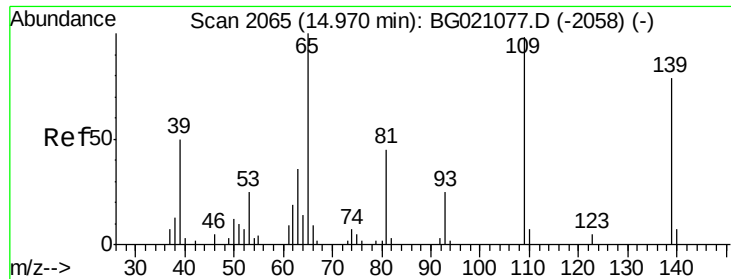
#54
Dibenzofuran
Concen: 53.48 ng
RT: 15.17 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion:168 Resp: 106934
Ion Ratio Lower Upper
168 100
139 42.7 29.8 44.8
169 14.0 11.4 17.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 122.17 ng

RT: 14.96 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

ClientSampled :

EP004MS

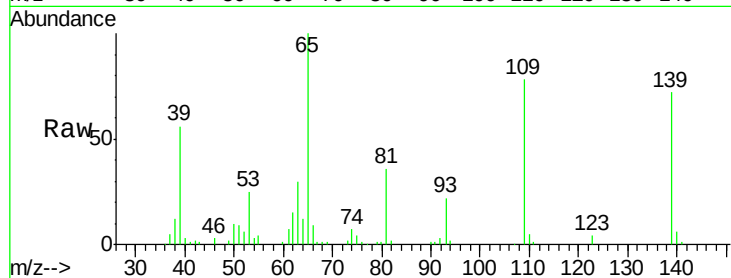
Tgt Ion:139 Resp: 42800

Ion Ratio Lower Upper

139 100

109 107.5 54.1 94.1#

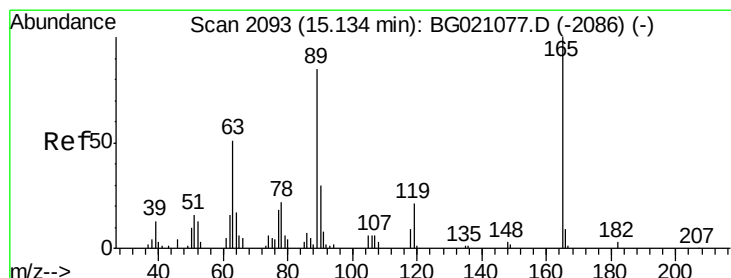
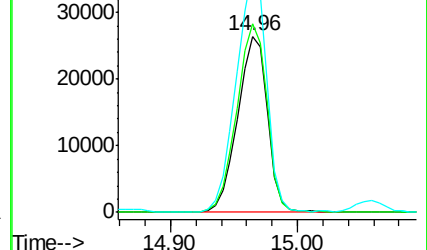
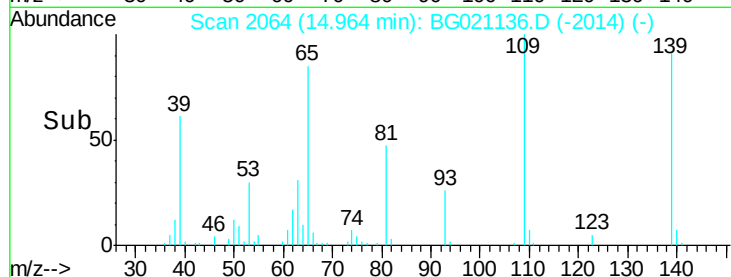
65 138.4 73.4 113.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 54.08 ng

RT: 15.12 min Scan# 2091

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Tgt Ion:165 Resp: 31481

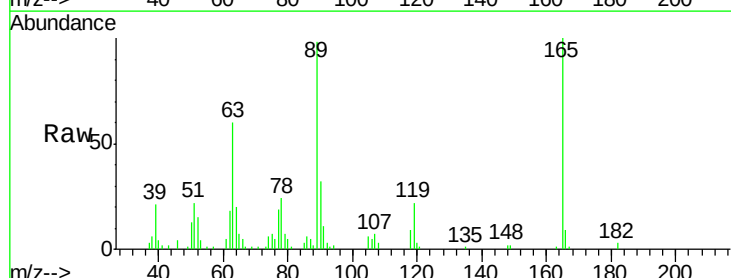
Ion Ratio Lower Upper

165 100

63 59.5 34.1 51.1#

89 98.1 63.0 94.4#

182 3.0 1.4 2.2#

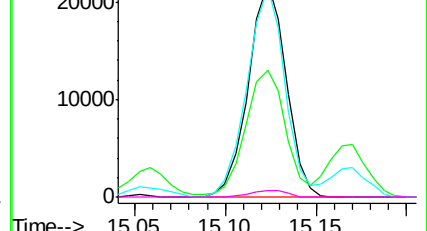
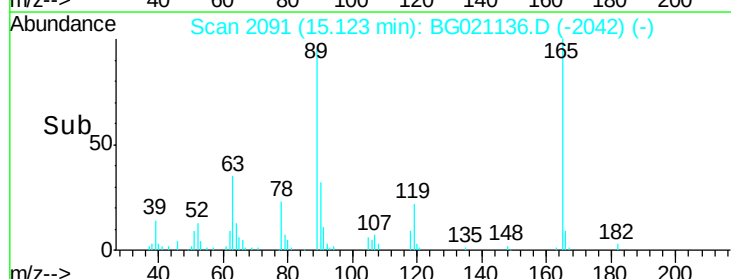


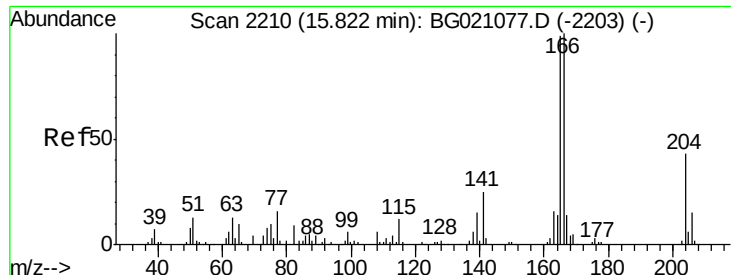
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

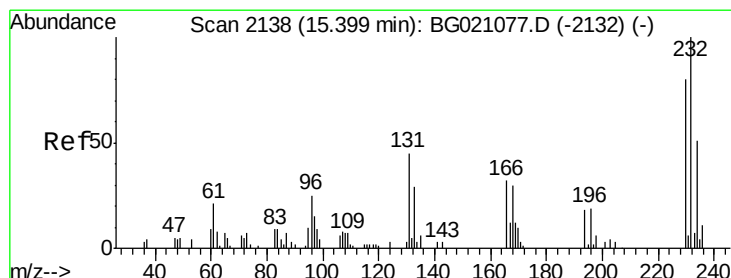
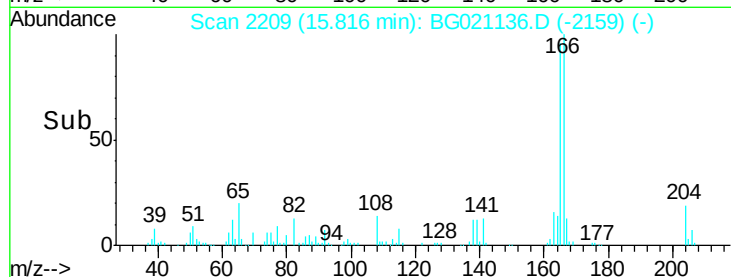
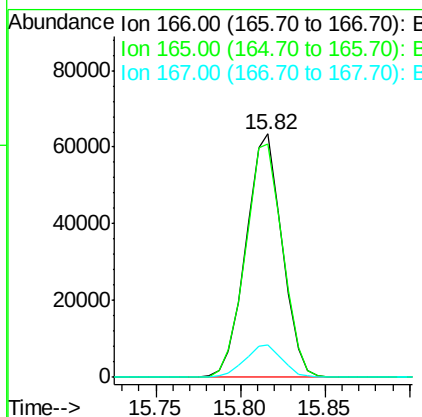
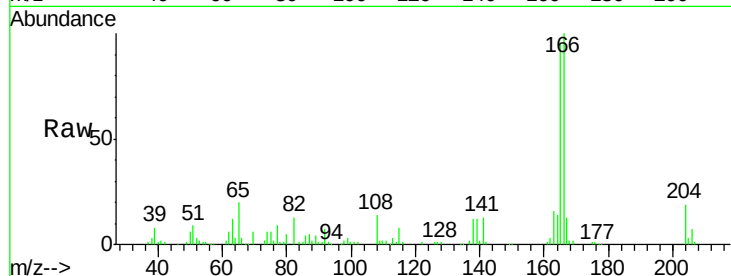




#57
 Fluorene
 Concen: 48.45 ng
 RT: 15.82 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

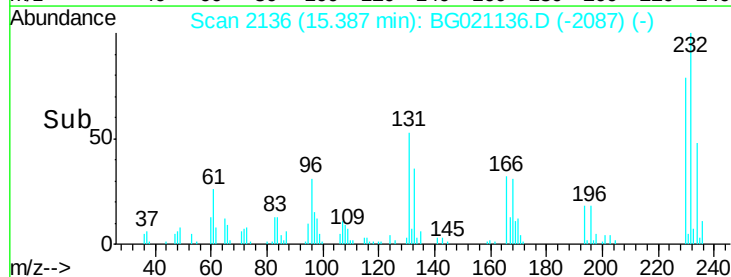
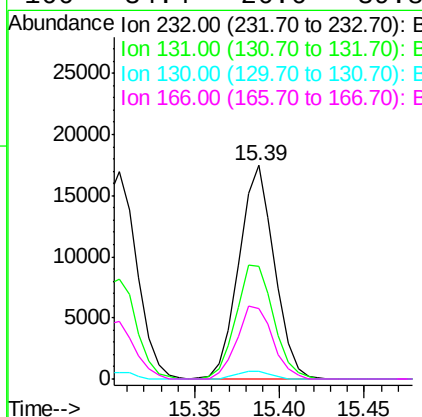
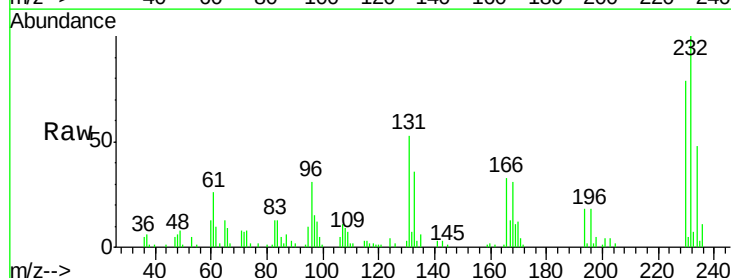
Instrument :
 BNA_G
 ClientSampleId :
 EP004MS

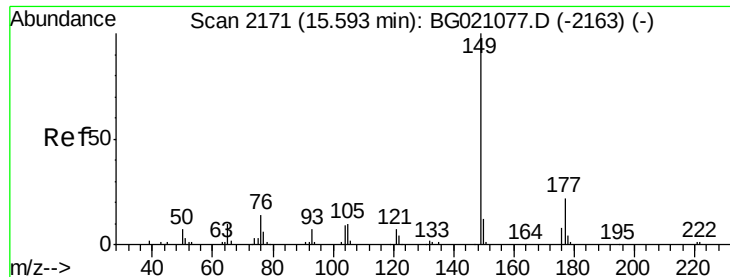
Tgt Ion:166 Resp: 94257
 Ion Ratio Lower Upper
 166 100
 165 96.1 81.3 121.9
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.01 ng
 RT: 15.39 min Scan# 2136
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Tgt Ion:232 Resp: 25586
 Ion Ratio Lower Upper
 232 100
 131 56.2 41.4 62.2
 130 3.5 1.8 2.8#
 166 34.4 26.6 39.8

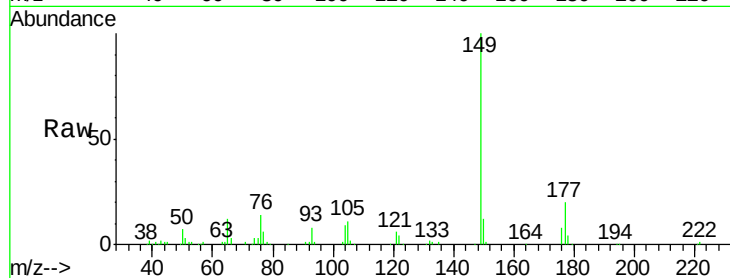




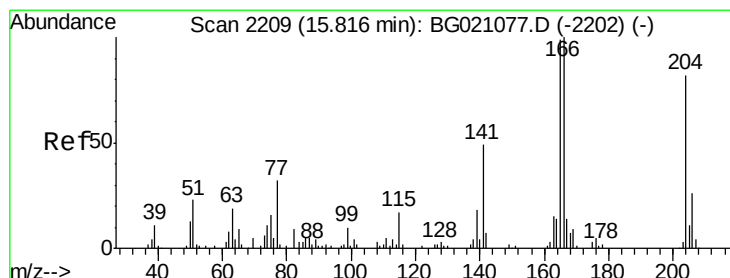
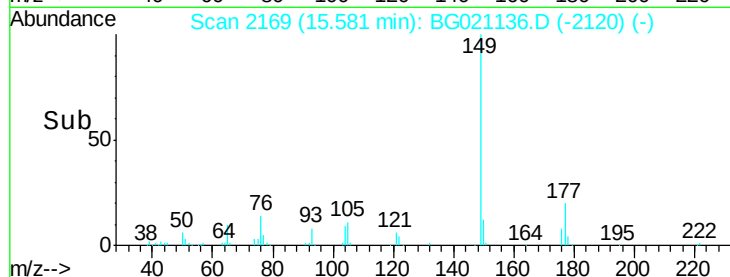
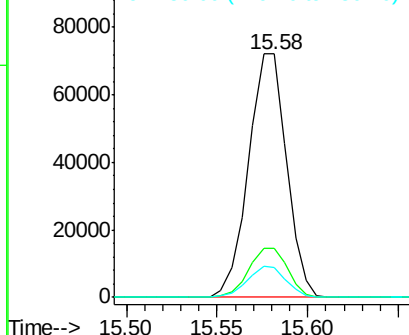
#59
Diethylphthalate
Concen: 50.62 ng
RT: 15.58 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Instrument :
BNA_G
ClientSampleId :
EP004MS

Tgt Ion:149 Resp: 105264
Ion Ratio Lower Upper
149 100
177 20.4 15.8 23.8
150 12.0 10.1 15.1

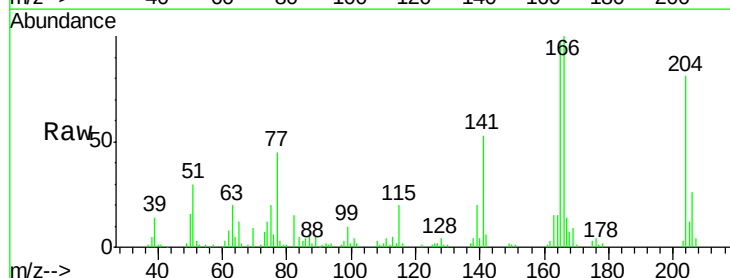


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

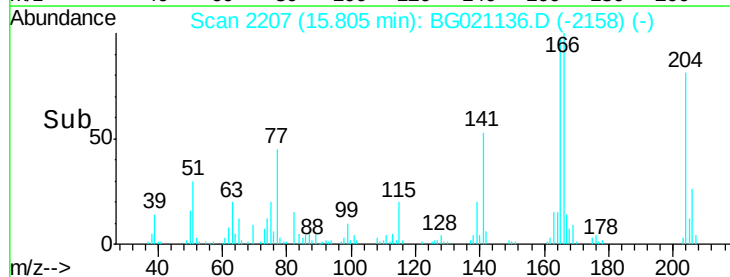
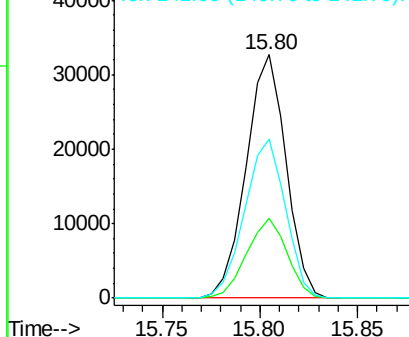


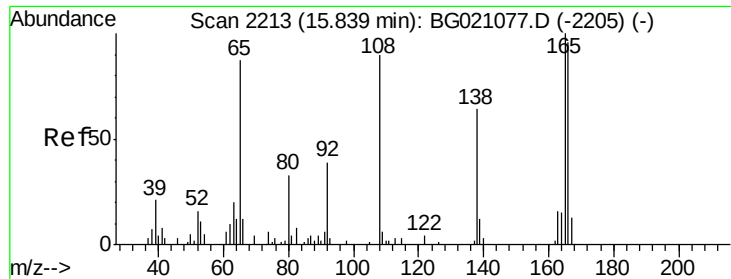
#60
4-Chlorophenyl-phenylether
Concen: 43.20 ng
RT: 15.80 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion:204 Resp: 46227
Ion Ratio Lower Upper
204 100
206 32.5 26.9 40.3
141 65.3 50.8 76.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

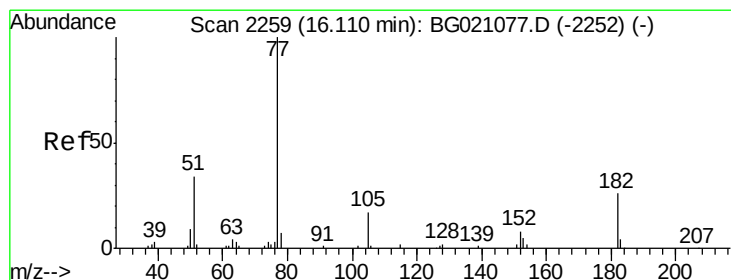
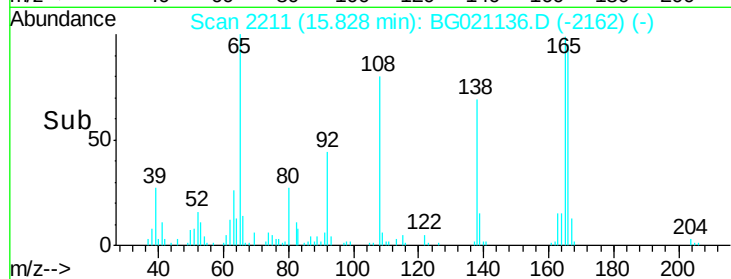
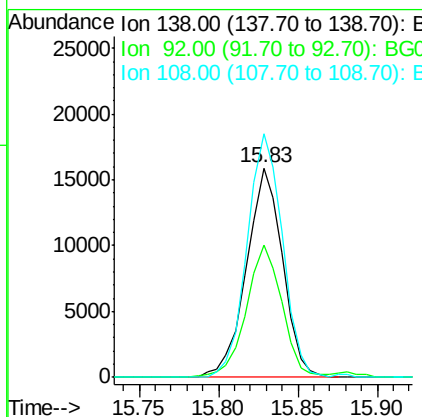
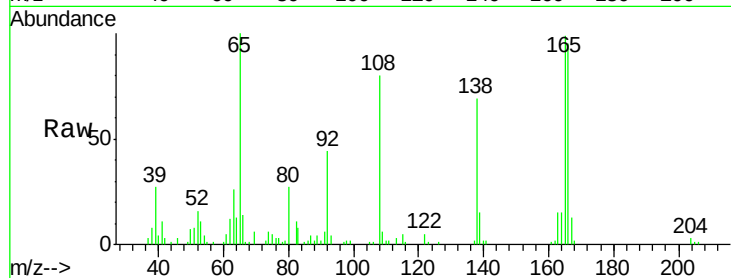




#61
4-Nitroaniline
Concen: 55.94 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

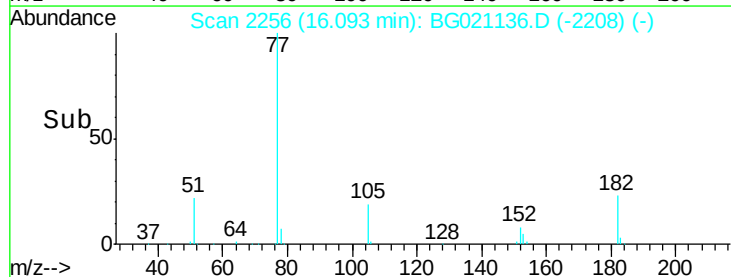
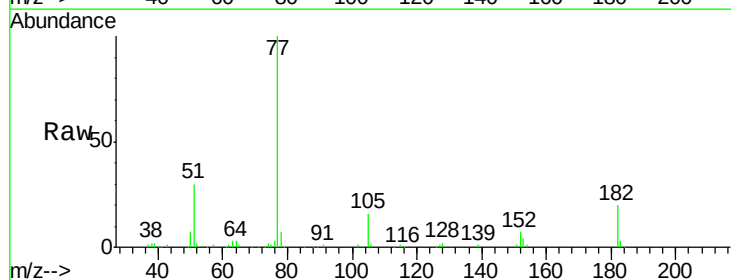
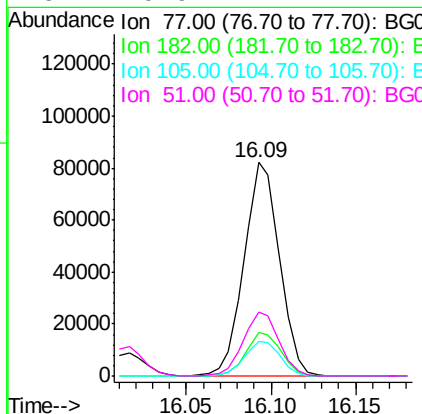
Instrument :
BNA_G
ClientSampled :
EP004MS

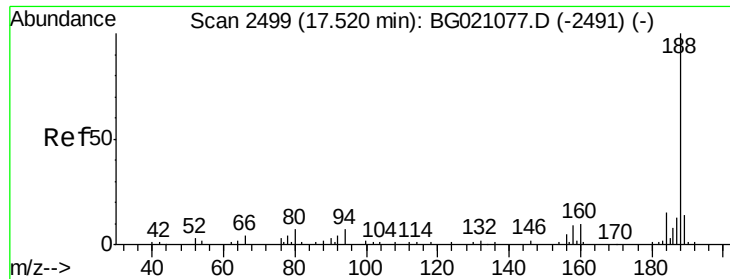
Tgt Ion: 138 Resp: 25157
Ion Ratio Lower Upper
138 100
92 63.2 28.0 68.0
108 116.3 52.6 92.6#



#62
Azobenzene
Concen: 66.54 ng
RT: 16.09 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion: 77 Resp: 119879
Ion Ratio Lower Upper
77 100
182 20.1 0.7 40.7
105 16.1 0.0 38.3
51 29.9 4.4 44.4

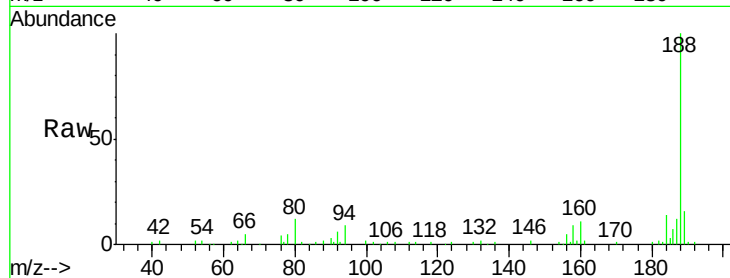




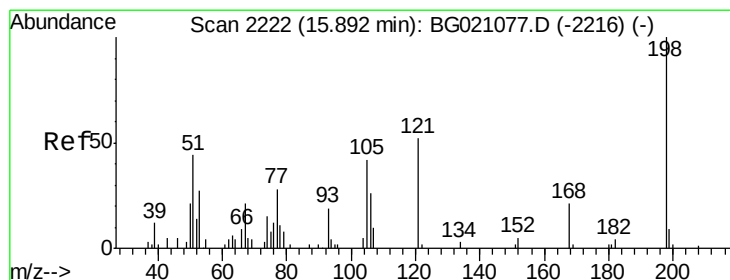
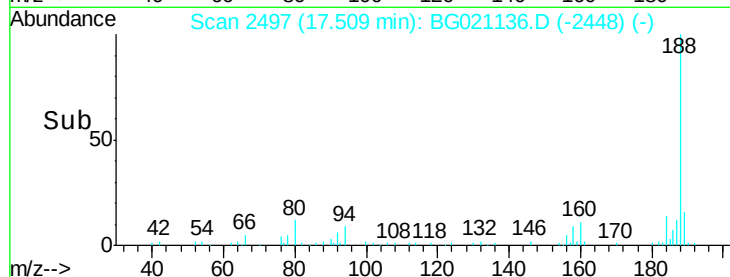
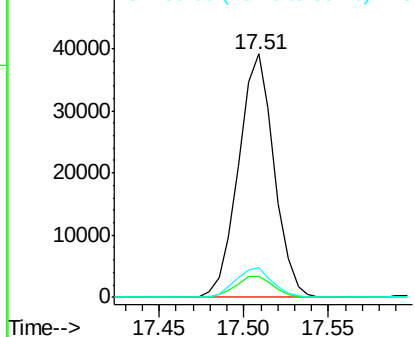
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Instrument :
BNA_G
ClientSampleId :
EP004MS

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.4
80	12.1	9.2	13.8

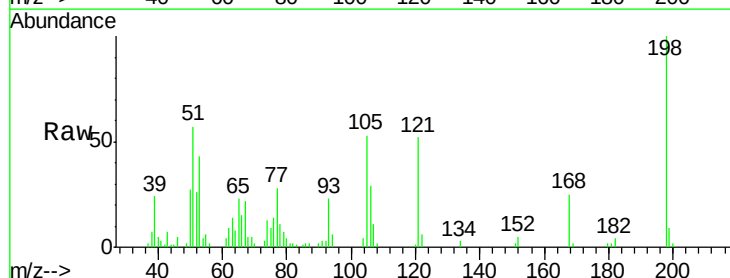


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

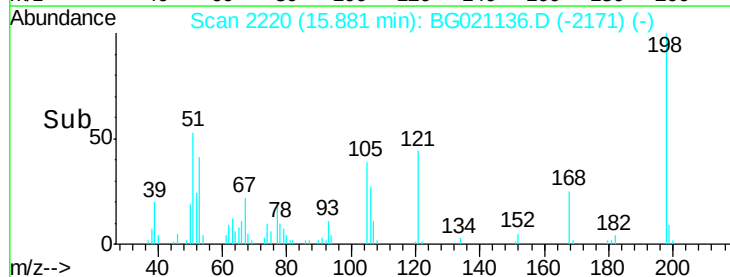
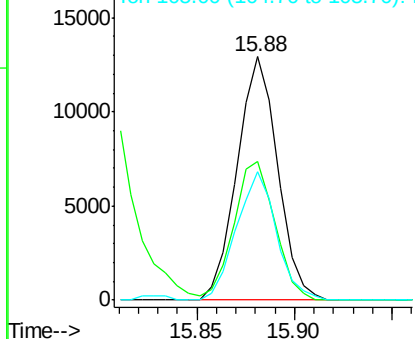


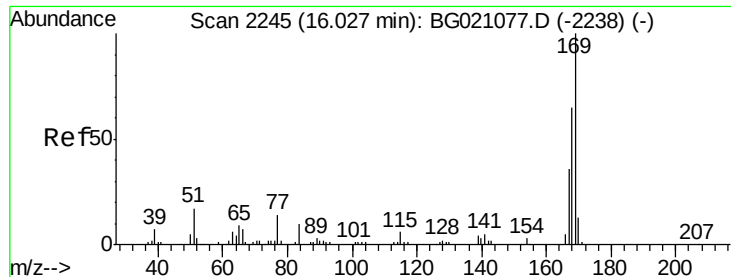
#64
4,6-Dinitro-2-methylphenol
Concen: 44.01 ng
RT: 15.88 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Lower	Upper
198	100		
51	56.9	30.4	70.4
105	52.7	32.8	72.8



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





#65

n-Nitrosodiphenylamine

Concen: 50.43 ng

RT: 16.02 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

ClientSampleId :

EP004MS

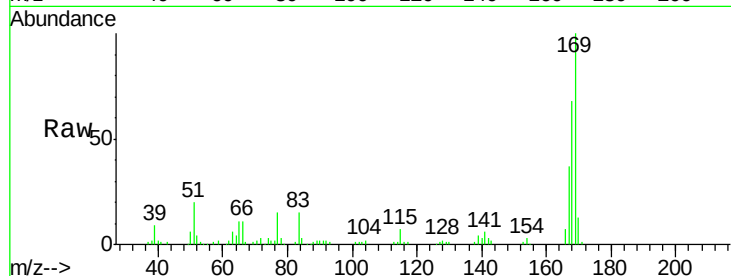
Tgt Ion:169 Resp: 85520

Ion Ratio Lower Upper

169 100

168 68.4 58.2 87.2

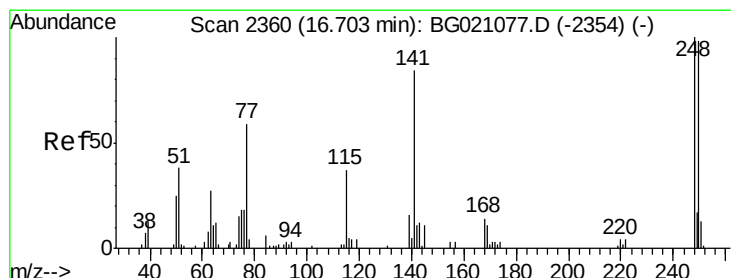
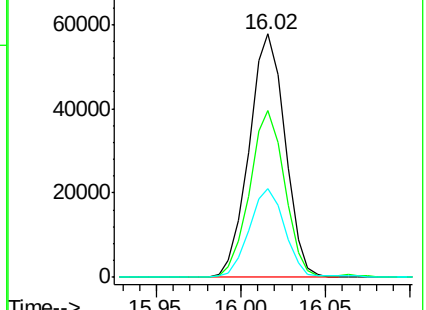
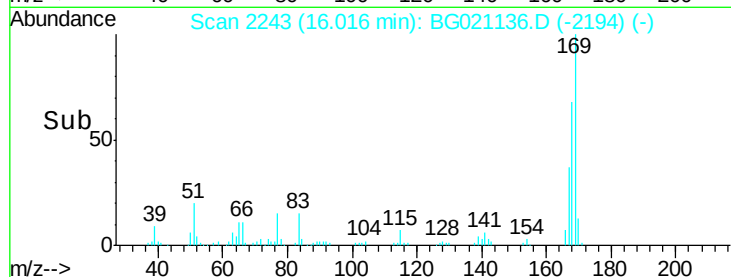
167 36.7 31.0 46.6



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: 41.79 ng

RT: 16.70 min Scan# 2359

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

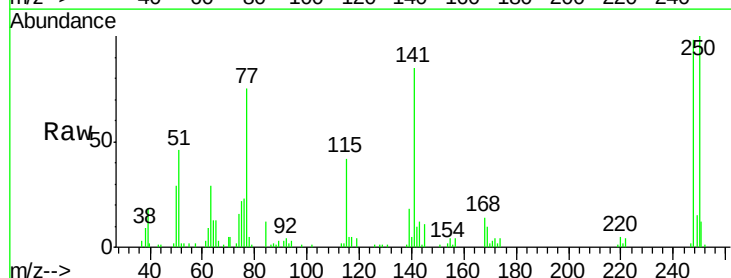
Tgt Ion:248 Resp: 28281

Ion Ratio Lower Upper

248 100

250 101.6 76.4 114.6

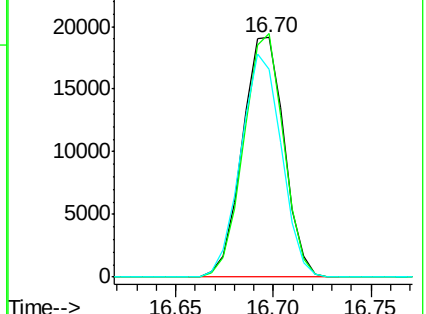
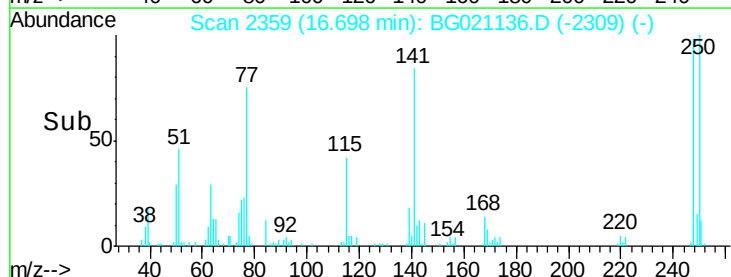
141 86.6 57.4 86.0#

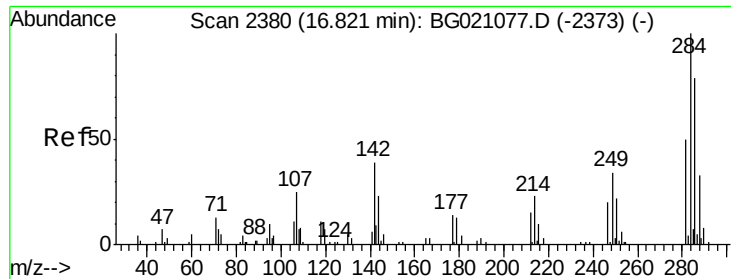


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.45 ng

RT: 16.81 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

ClientSampleId :

EP004MS

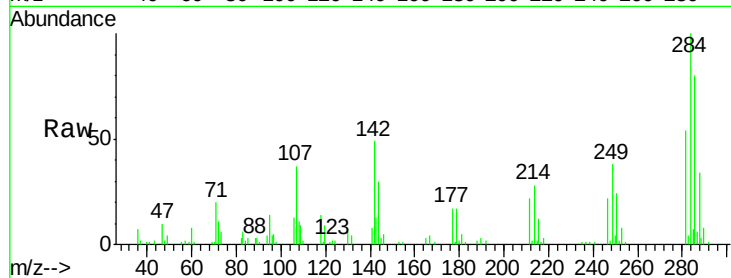
Tgt Ion:284 Resp: 28879

Ion Ratio Lower Upper

284 100

142 49.0 32.1 48.1#

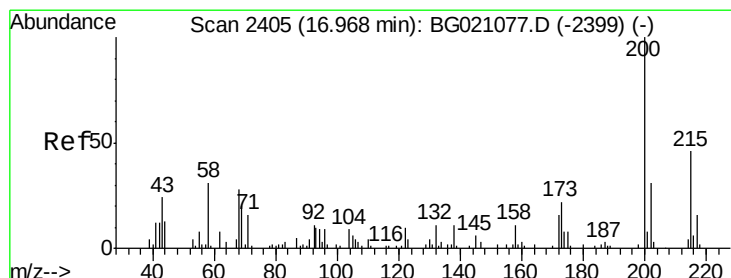
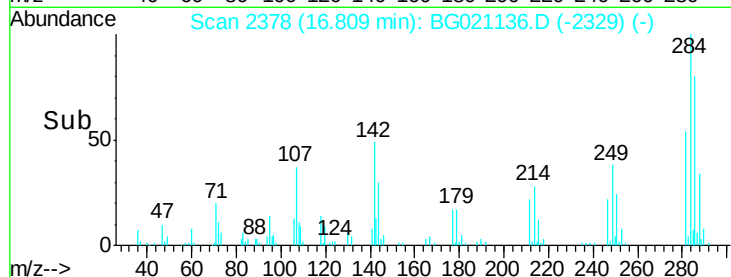
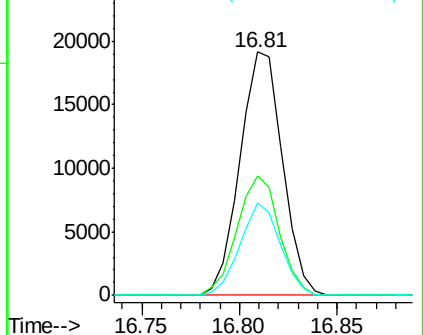
249 41.6 24.0 36.0#



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: 54.74 ng

RT: 16.96 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

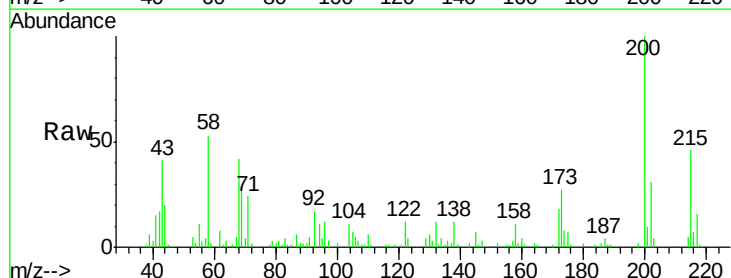
Tgt Ion:200 Resp: 34396

Ion Ratio Lower Upper

200 100

173 26.8 3.9 43.9

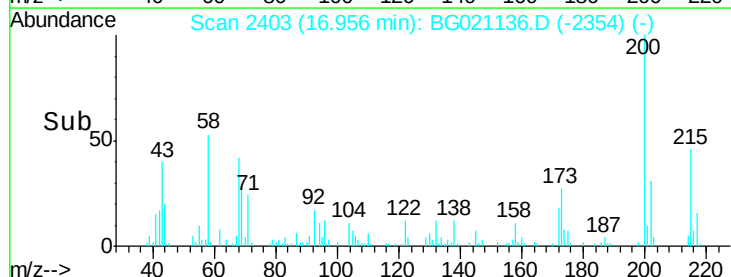
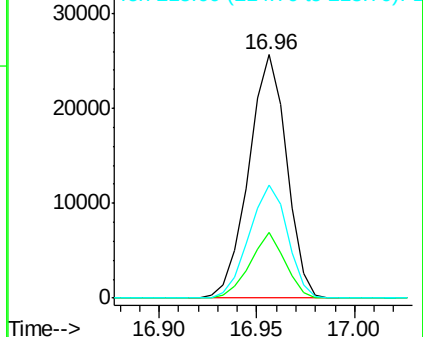
215 46.4 29.0 69.0

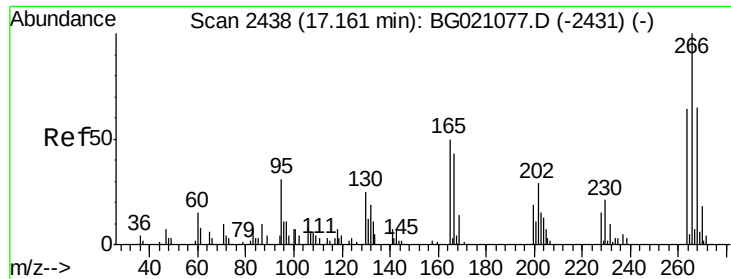


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

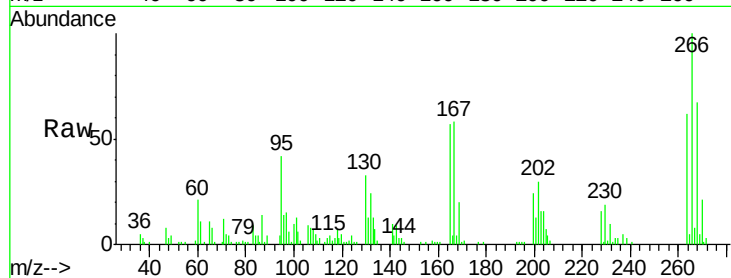




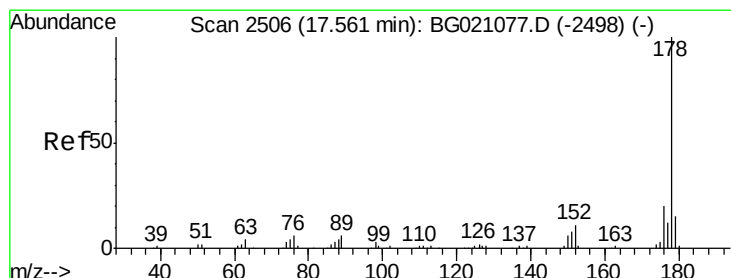
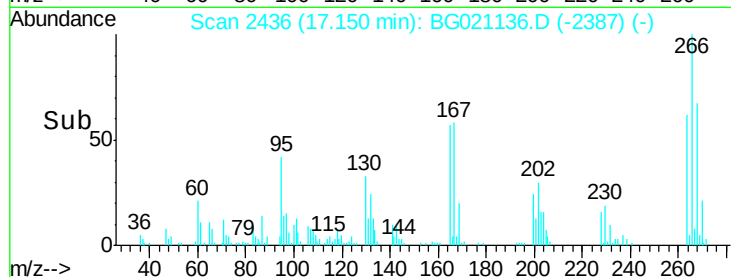
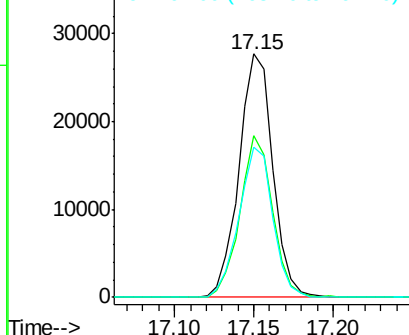
#69
 Pentachlorophenol
 Concen: 84.75 ng
 RT: 17.15 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Instrument :
 BNA_G
 ClientSampleId :
 EP004MS

Tgt Ion:266 Resp: 40847
 Ion Ratio Lower Upper
 266 100
 268 71.3 51.0 76.6
 264 67.2 47.8 71.8

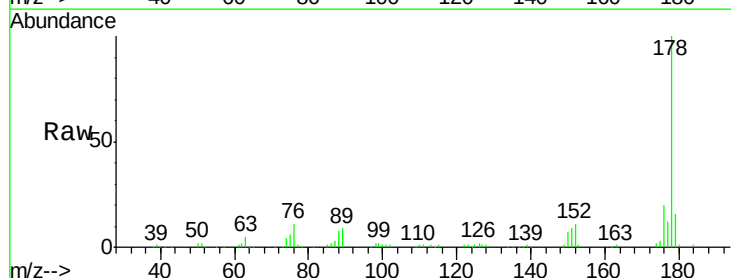


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

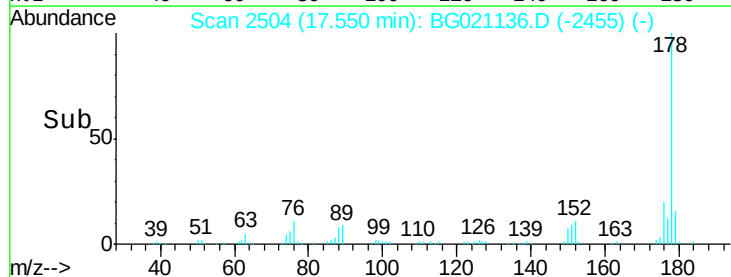
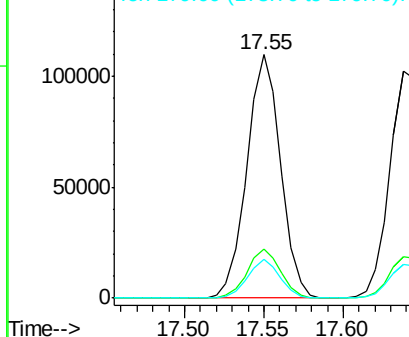


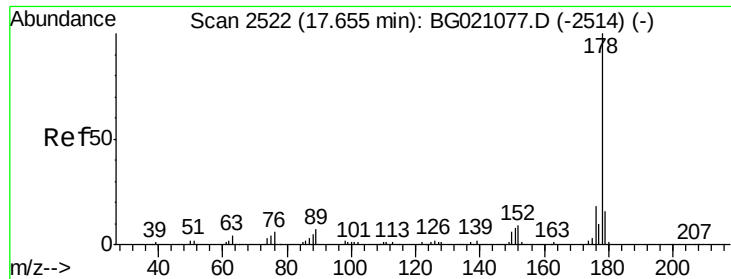
#70
 Phenanthrene
 Concen: 52.35 ng
 RT: 17.55 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Tgt Ion:178 Resp: 161913
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 15.7 12.9 19.3



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

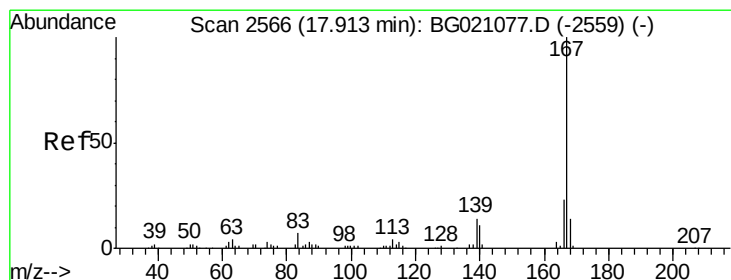
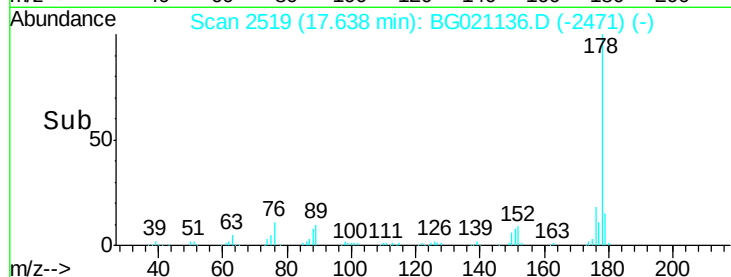
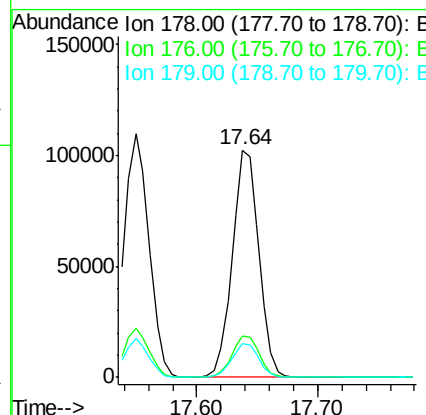
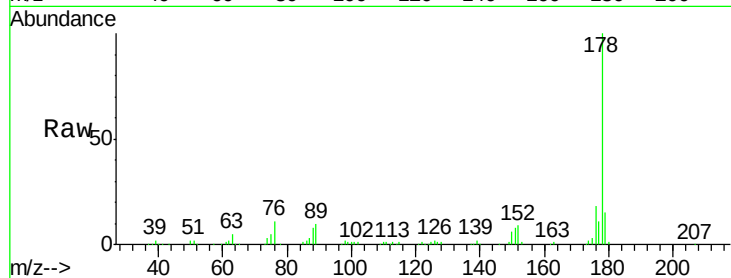




#71
 Anthracene
 Concen: 50.14 ng
 RT: 17.64 min Scan# 2519
 Delta R.T. -0.02 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

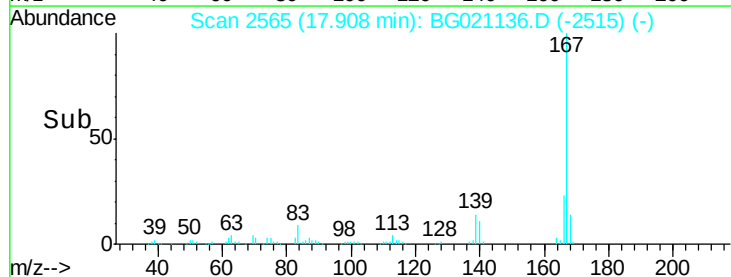
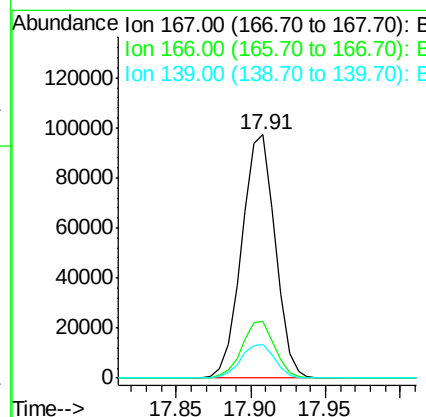
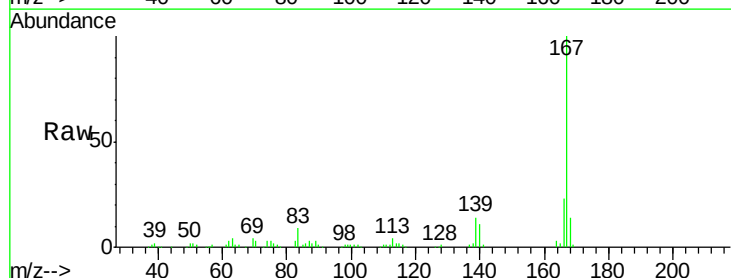
Instrument :
 BNA_G
 ClientSampleId :
 EP004MS

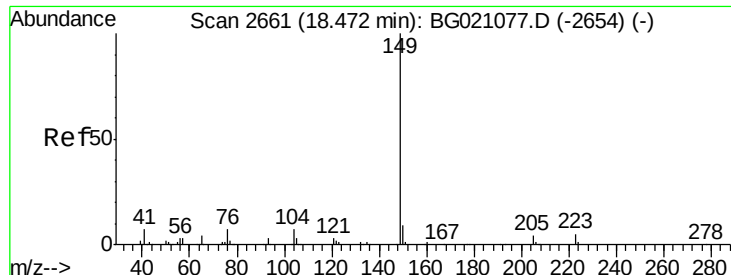
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.8	22.2
179	14.7	12.6	19.0



#72
 Carbazole
 Concen: 55.98 ng
 RT: 17.91 min Scan# 2565
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.5	26.3
139	13.9	10.3	15.5

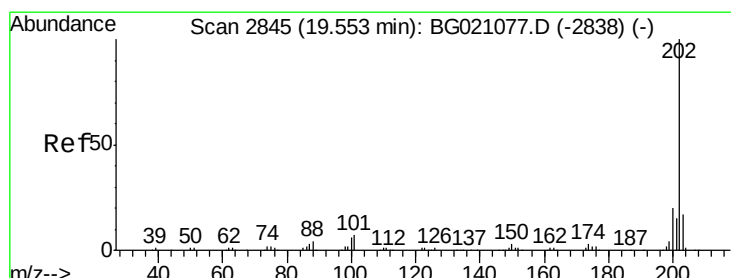
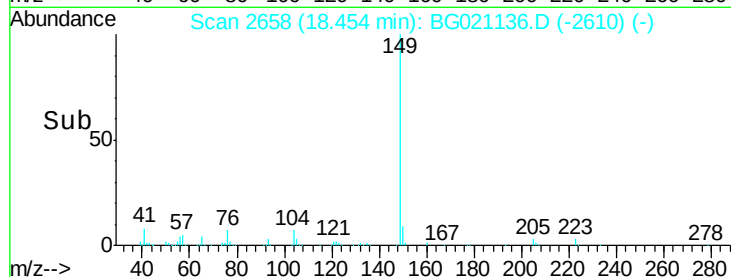
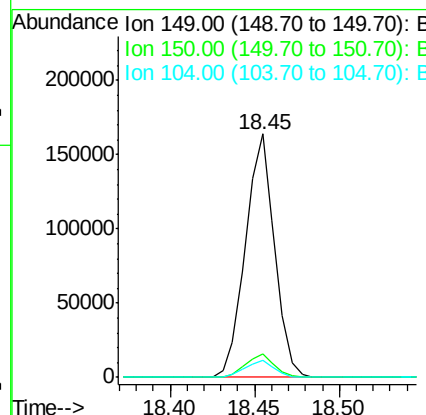
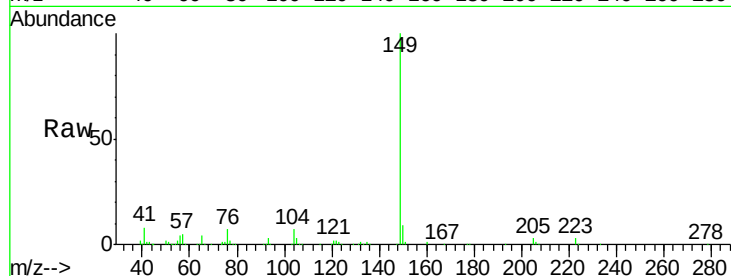




#73
Di-n-butylphthalate
Concen: 55.47 ng
RT: 18.45 min Scan# 2658
Delta R.T. -0.02 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

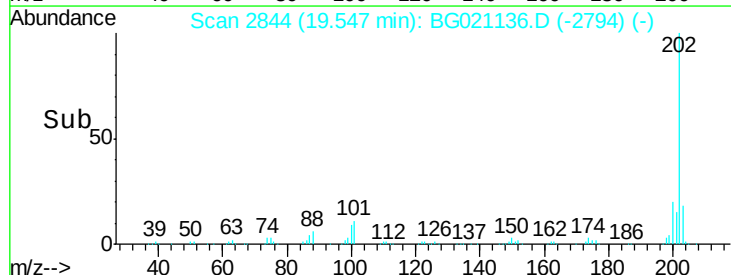
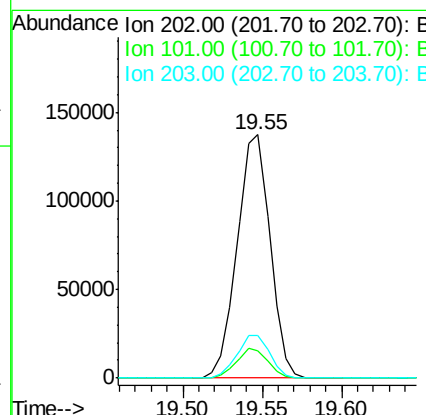
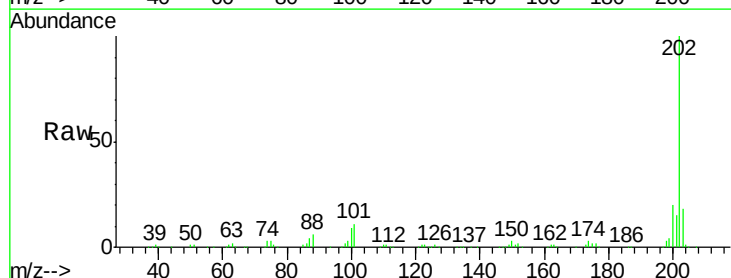
Instrument :
BNA_G
ClientSampleId :
EP004MS

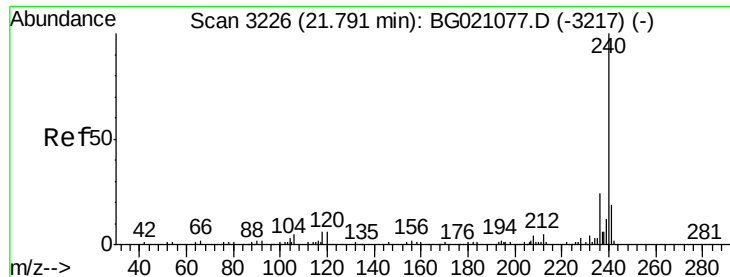
Tgt Ion:149 Resp: 196619
Ion Ratio Lower Upper
149 100
150 9.4 7.6 11.4
104 6.9 4.1 6.1#



#74
Fluoranthene
Concen: 50.86 ng
RT: 19.55 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion:202 Resp: 197326
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.5
203 17.7 0.0 37.6

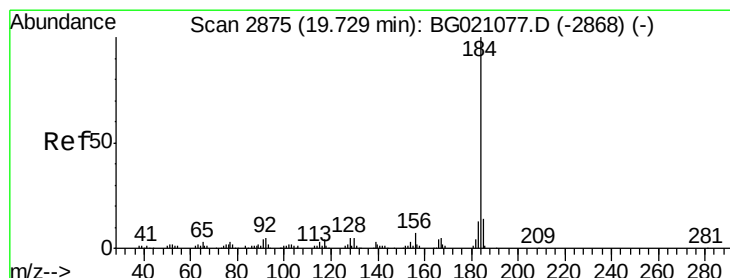
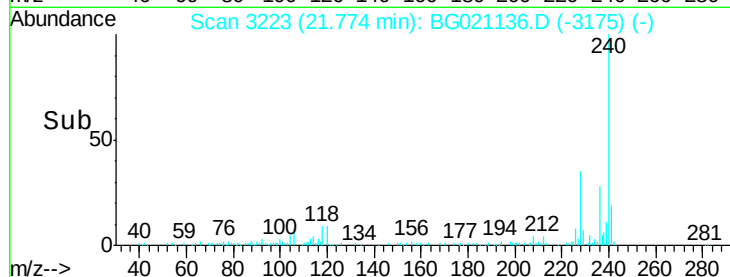
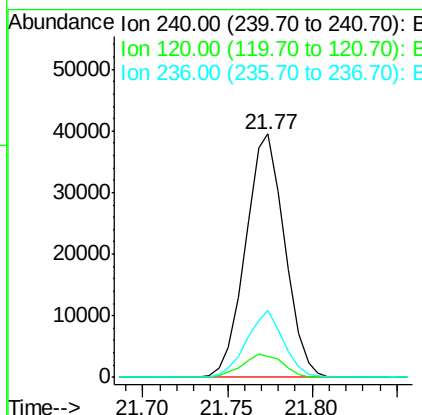
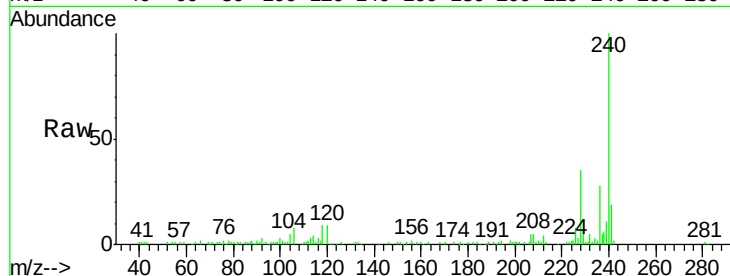




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3223
Delta R.T. -0.02 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

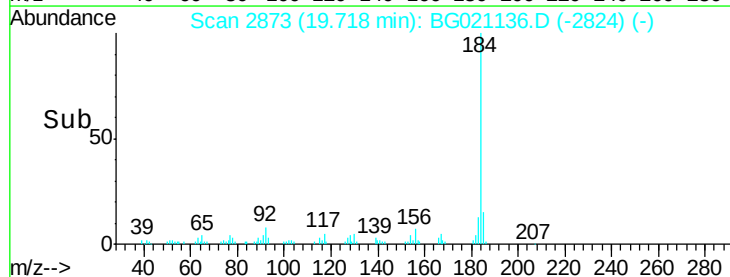
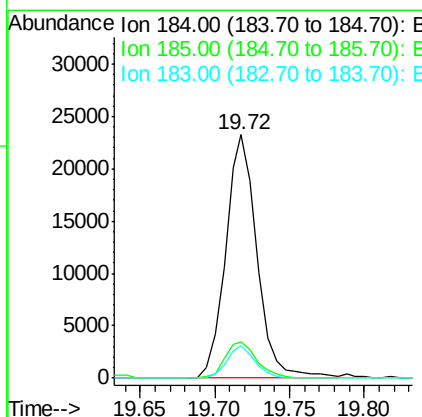
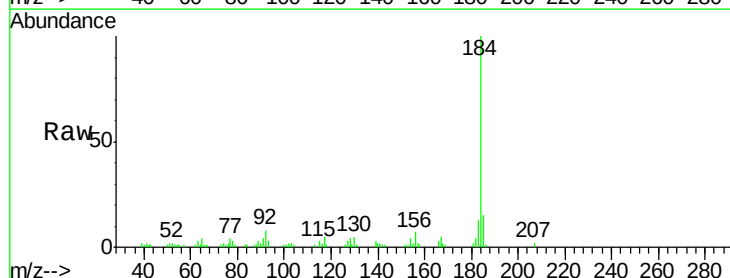
Instrument :
BNA_G
ClientSampled :
EP004MS

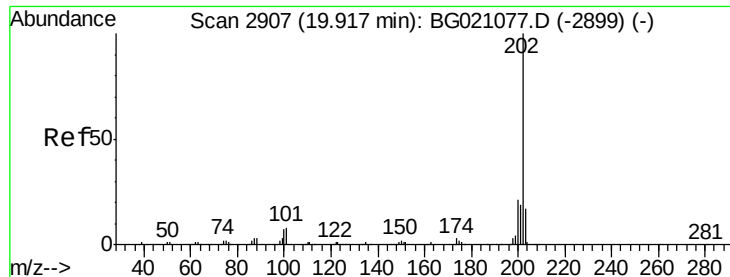
Tgt Ion:240 Resp: 63423
Ion Ratio Lower Upper
240 100
120 8.8 7.5 11.3
236 27.5 20.5 30.7



#76
Benzidine
Concen: 20.47 ng
RT: 19.72 min Scan# 2873
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion:184 Resp: 34164
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 13.3 10.1 15.1

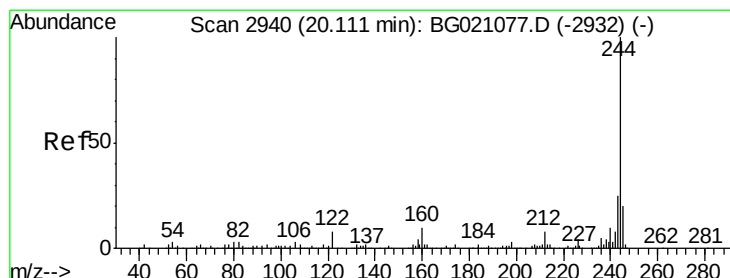
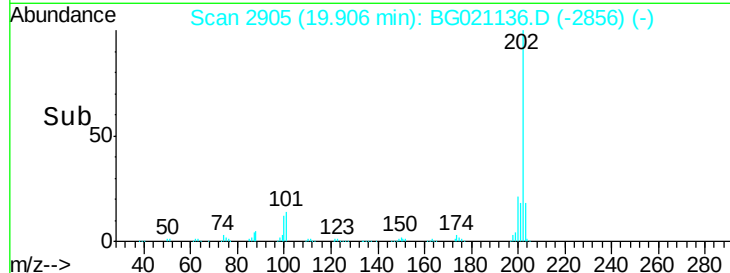
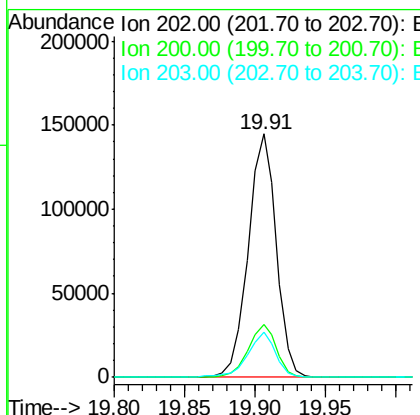
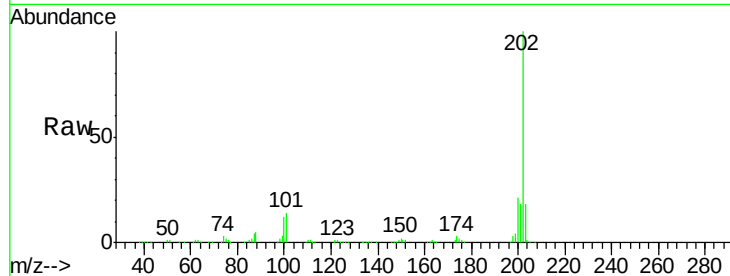




#77
 Pyrene
 Concen: 57.32 ng
 RT: 19.91 min Scan# 2905
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

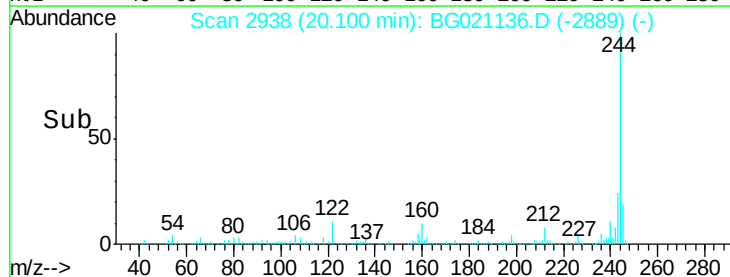
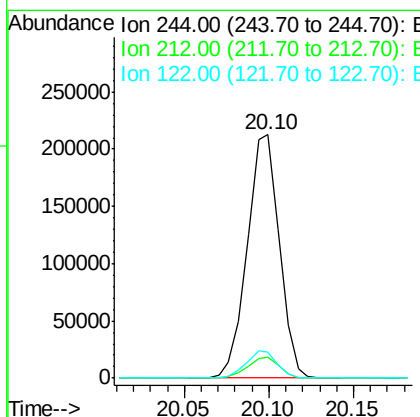
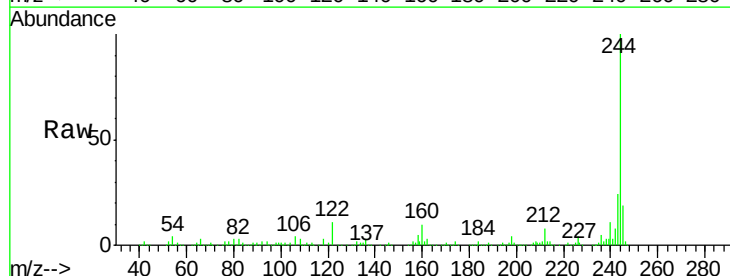
Instrument :
 BNA_G
 ClientSampleId :
 EP004MS

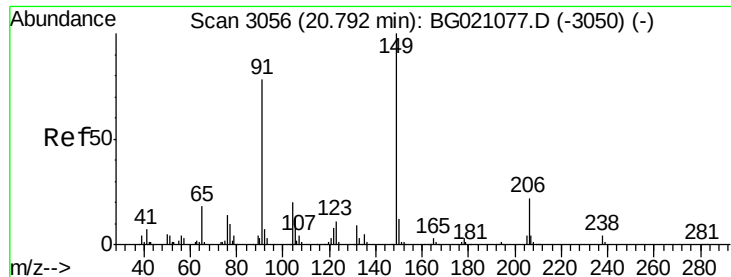
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.6	25.0
203	18.4	13.8	20.8



#78
 Terphenyl-d14
 Concen: 103.85 ng
 RT: 20.10 min Scan# 2938
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.6
122	10.9	8.3	12.5

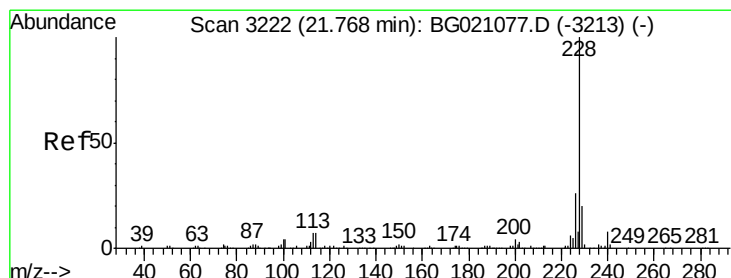
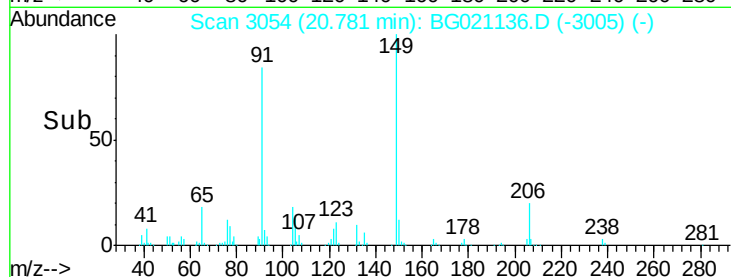
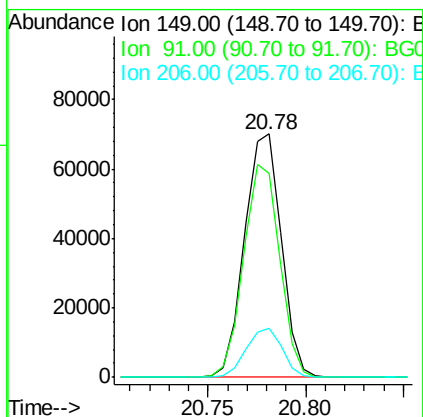
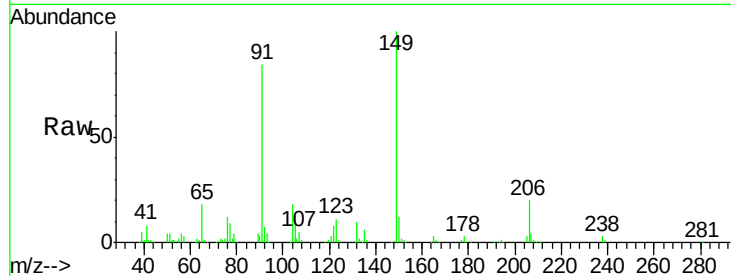




#79
Butylbenzylphthalate
Concen: 62.34 ng
RT: 20.78 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

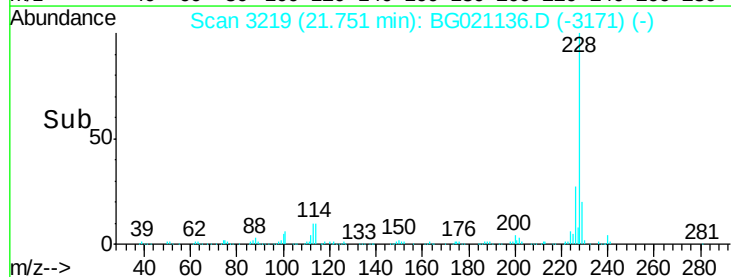
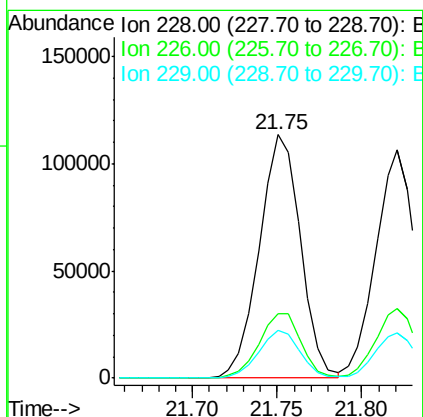
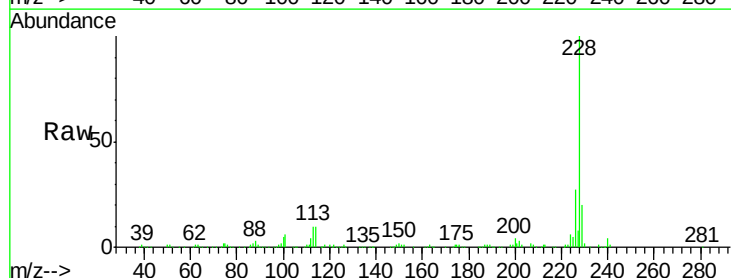
Instrument :
BNA_G
ClientSampleId :
EP004MS

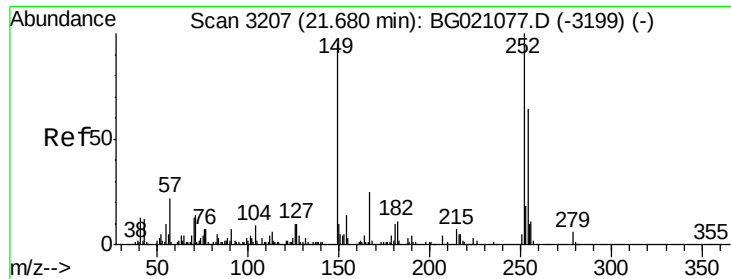
Tgt Ion:149 Resp: 91361
Ion Ratio Lower Upper
149 100
91 83.9 58.6 87.8
206 20.1 14.2 21.4



#80
Benzo(a)anthracene
Concen: 52.69 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.02 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion:228 Resp: 192287
Ion Ratio Lower Upper
228 100
226 26.7 22.7 34.1
229 19.6 15.5 23.3

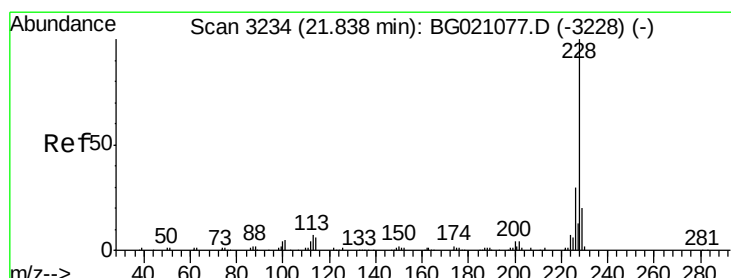
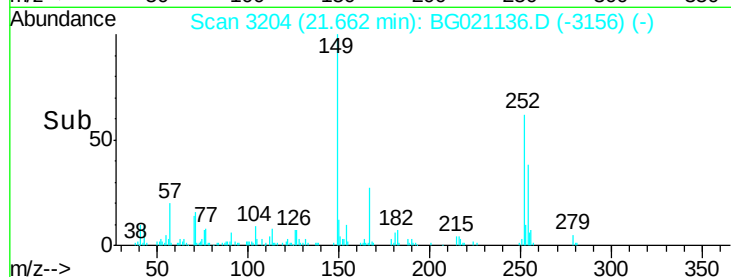
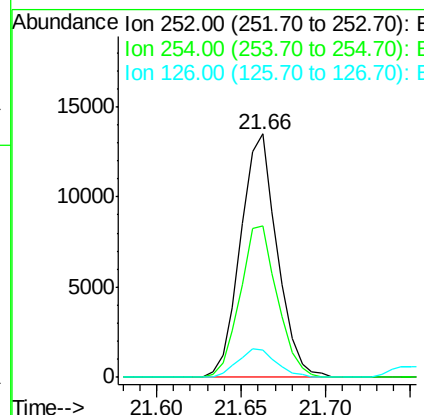
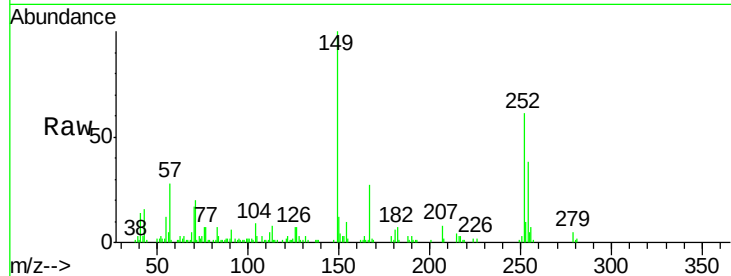




#81
 3,3'-Dichlorobenzidine
 Concen: 14.26 ng
 RT: 21.66 min Scan# 3204
 Delta R.T. -0.02 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

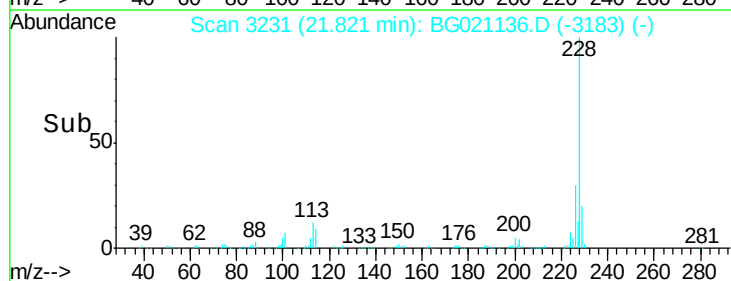
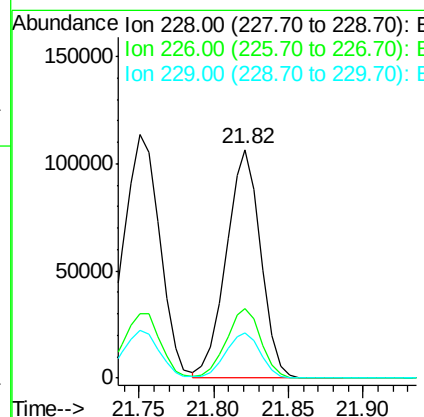
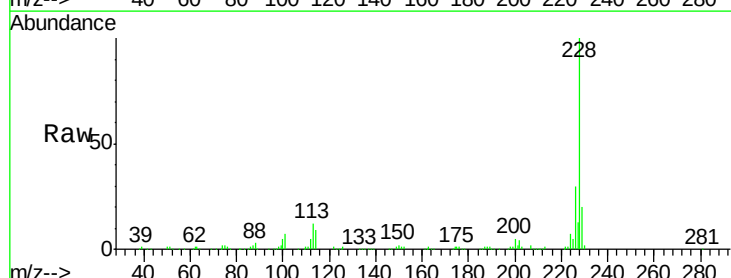
Instrument :
 BNA_G
 ClientSampleId :
 EP004MS

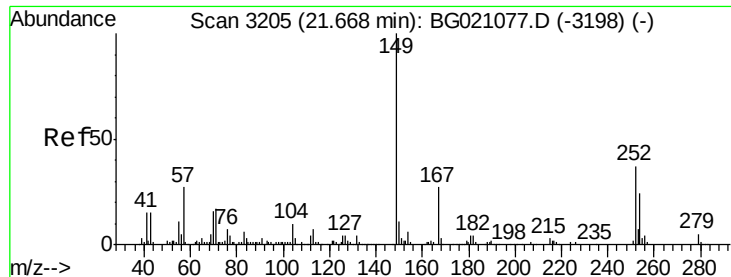
Tgt Ion:252 Resp: 20368
 Ion Ratio Lower Upper
 252 100
 254 62.4 52.6 79.0
 126 11.2 8.3 12.5



#82
 Chrysene
 Concen: 48.92 ng
 RT: 21.82 min Scan# 3231
 Delta R.T. -0.02 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Tgt Ion:228 Resp: 171926
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.7 35.5
 229 19.6 16.7 25.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 59.10 ng

RT: 21.64 min Scan# 3201

Delta R.T. -0.02 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

ClientSampled :

EP004MS

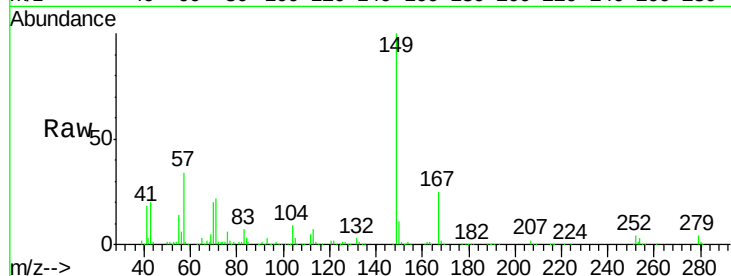
Tgt Ion:149 Resp: 133760

Ion Ratio Lower Upper

149 100

167 24.6 18.9 28.3

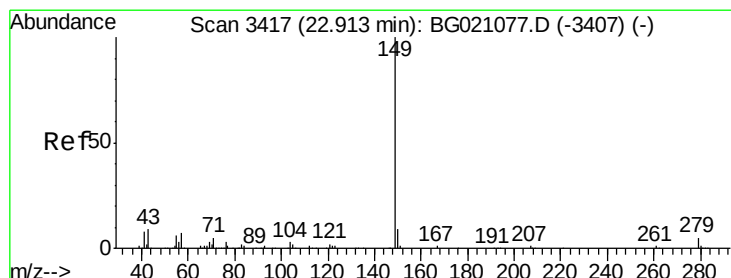
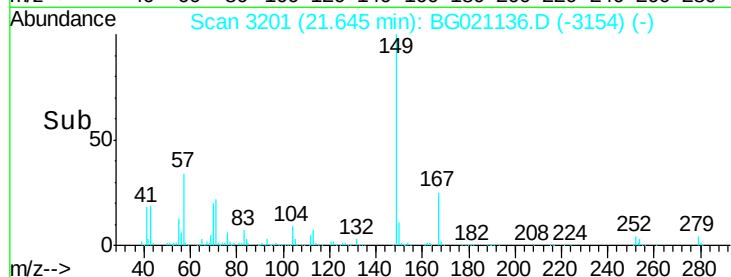
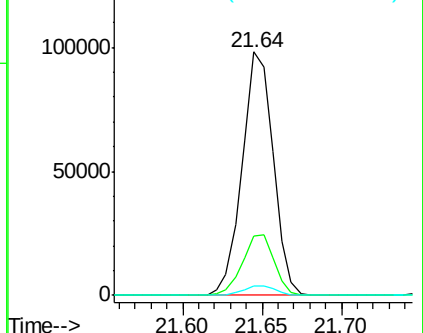
279 3.9 3.0 4.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 60.31 ng

RT: 22.88 min Scan# 3411

Delta R.T. -0.03 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

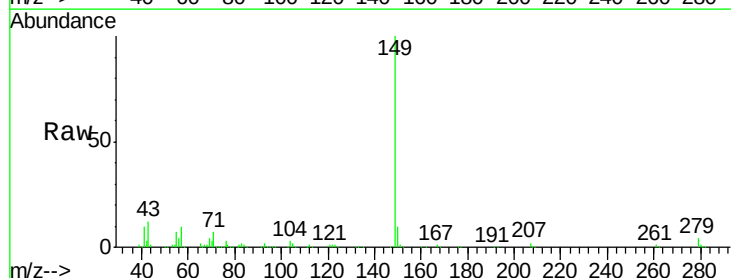
Tgt Ion:149 Resp: 228762

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

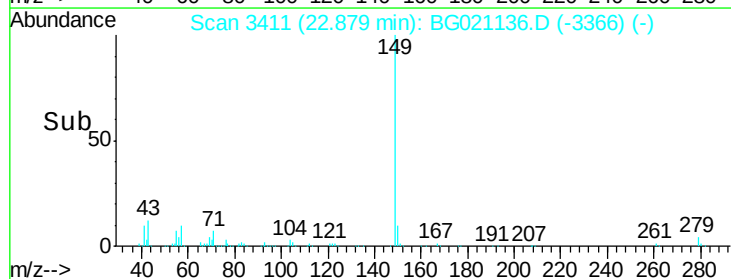
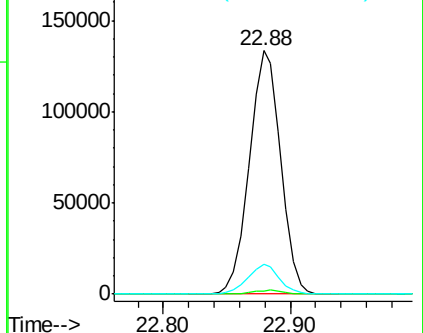
43 11.9 9.8 14.8

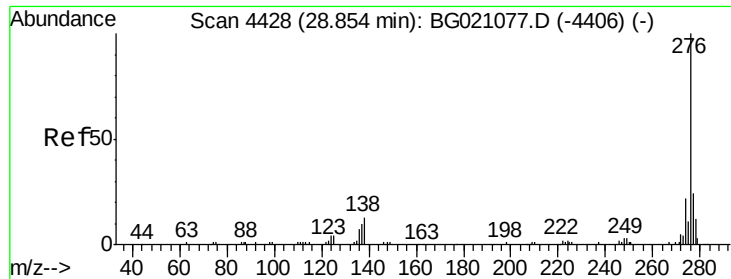


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.14 ng

RT: 28.80 min Scan# 4418

Delta R.T. -0.06 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

ClientSampleId :

EP004MS

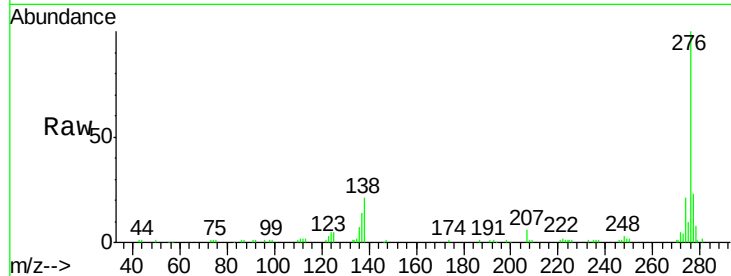
Tgt Ion:276 Resp: 195516

Ion Ratio Lower Upper

276 100

138 16.9 0.0 0.0#

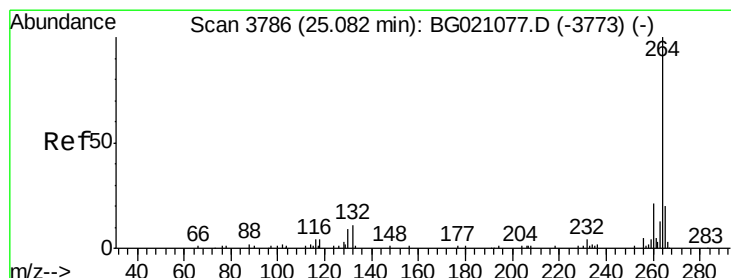
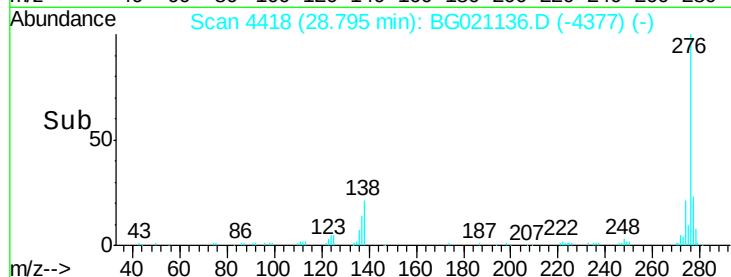
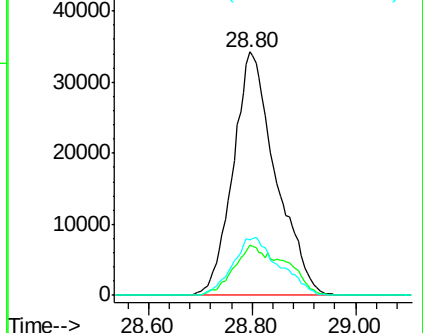
277 25.8 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.05 min Scan# 3780

Delta R.T. -0.03 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

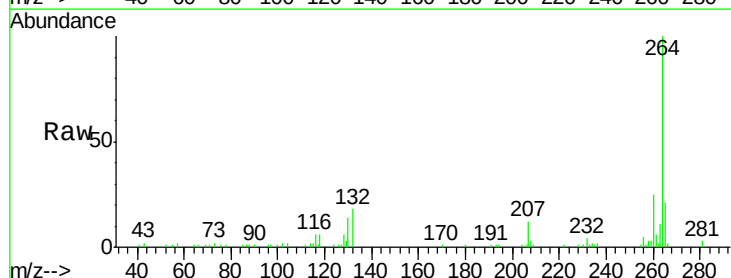
Tgt Ion:264 Resp: 56809

Ion Ratio Lower Upper

264 100

260 24.6 18.5 27.7

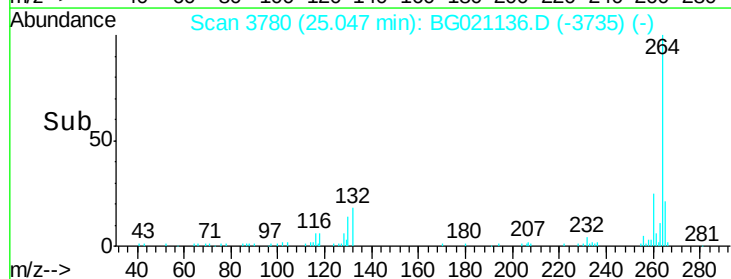
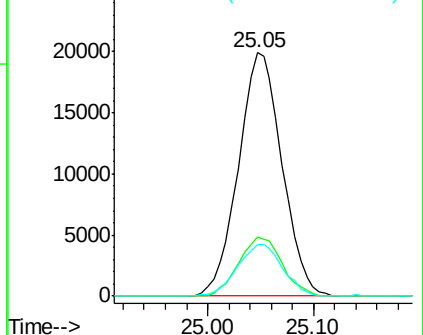
265 21.3 18.6 28.0

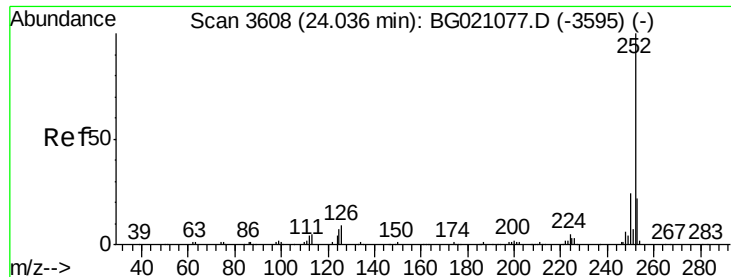


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 51.97 ng

RT: 24.01 min Scan# 3604

Delta R.T. -0.02 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

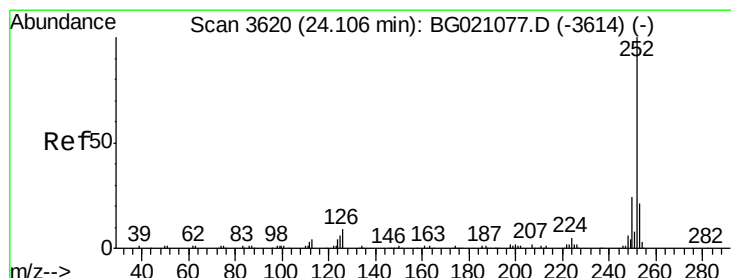
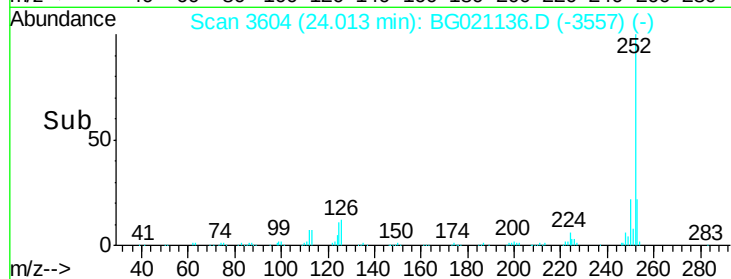
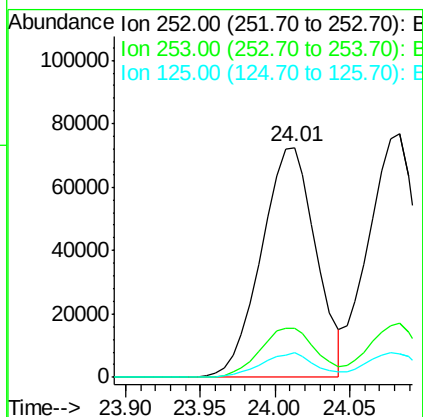
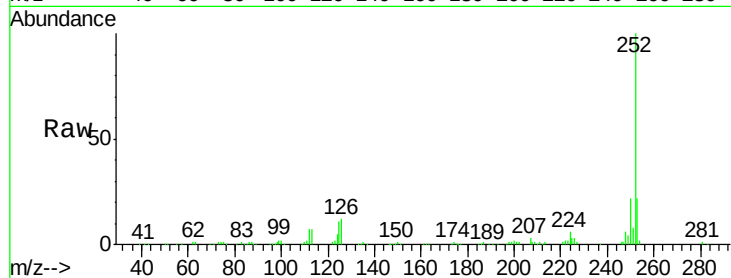
Instrument :

BNA_G

ClientSampleId :

EP004MS

Tgt Ion:	252	Resp:	184560
Ion Ratio	Lower	Upper	
252	100		
253	21.5	16.8	25.2
125	10.7	8.2	12.2



#88

Benzo(k)fluoranthene

Concen: 51.21 ng

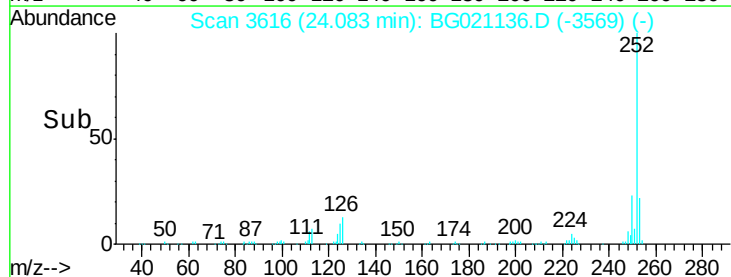
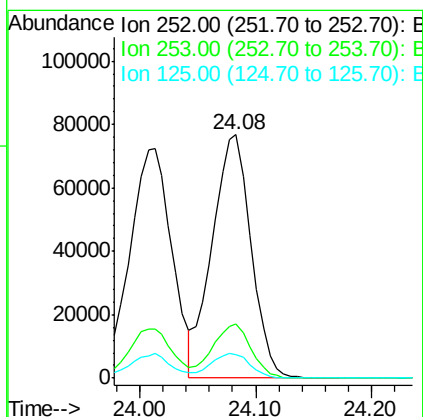
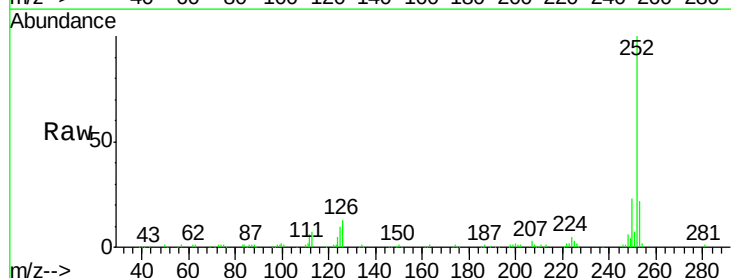
RT: 24.08 min Scan# 3616

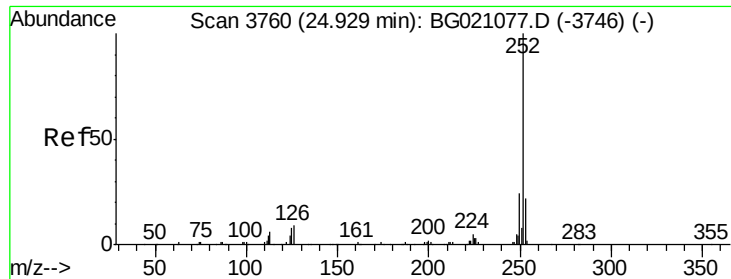
Delta R.T. -0.02 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Tgt Ion:	252	Resp:	179259
Ion Ratio	Lower	Upper	
252	100		
253	22.1	16.4	24.6
125	9.8	8.2	12.2





#89

Benzo(a)pyrene

Concen: 52.53 ng

RT: 24.90 min Scan# 3755

Delta R.T. -0.03 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

ClientSampleId :

EP004MS

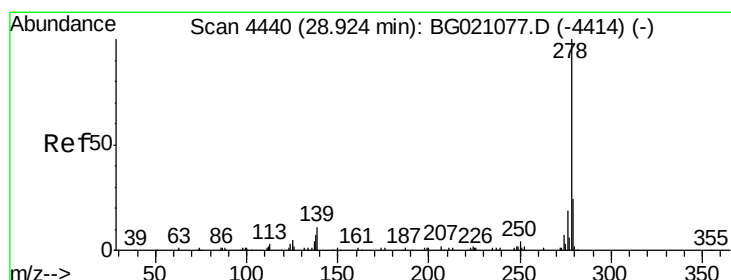
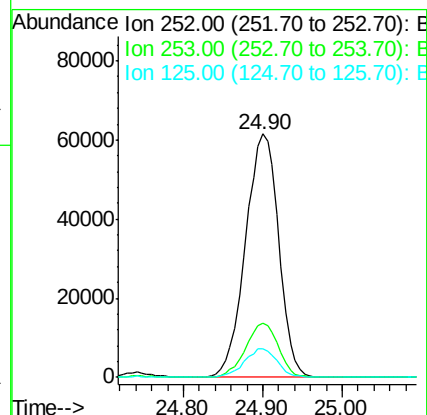
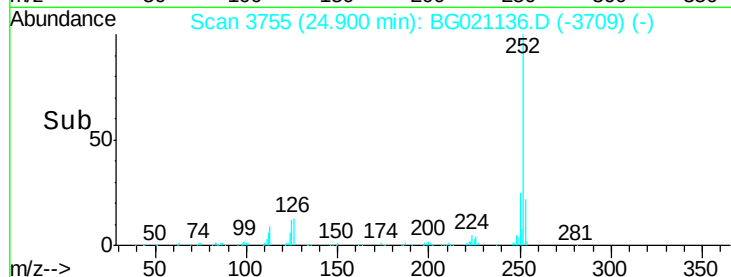
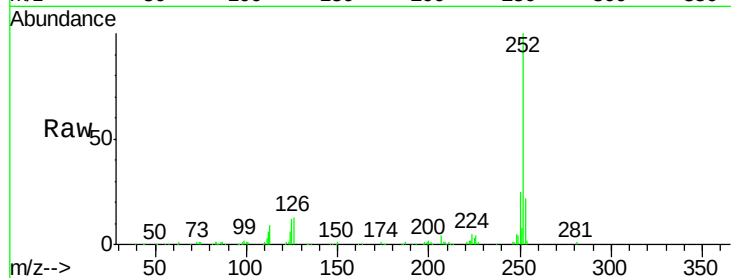
Tgt Ion:252 Resp: 179073

Ion Ratio Lower Upper

252 100

253 22.3 15.8 23.8

125 11.7 8.4 12.6



#90

Dibenzo(a,h)anthracene

Concen: 47.94 ng

RT: 28.87 min Scan# 4431

Delta R.T. -0.05 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

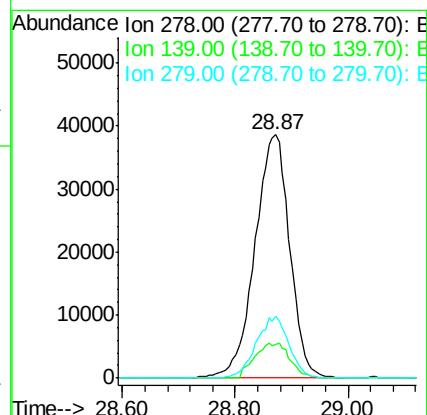
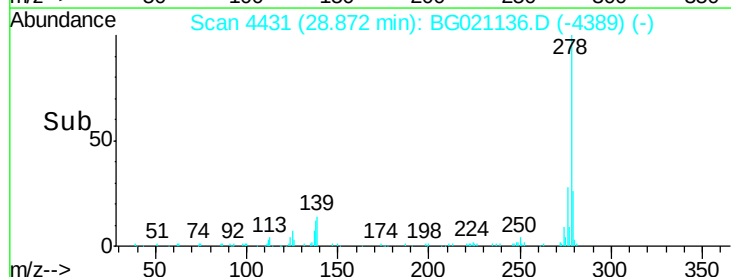
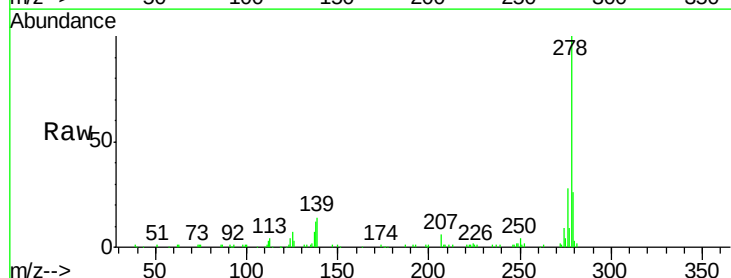
Tgt Ion:278 Resp: 164741

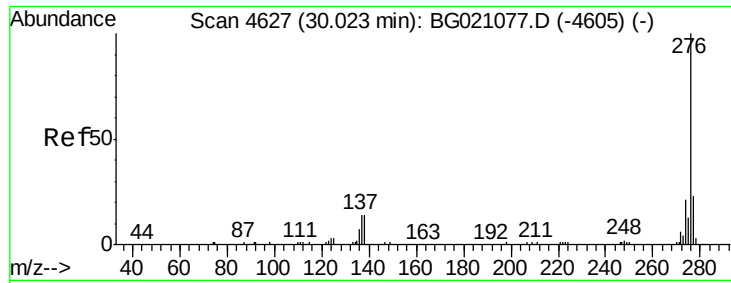
Ion Ratio Lower Upper

278 100

139 13.9 10.6 15.8

279 25.6 19.7 29.5

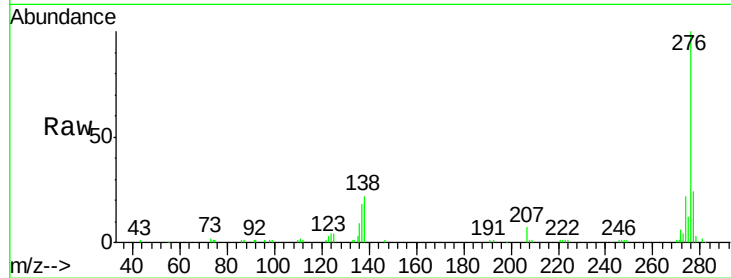




#91
 Benzo(g,h,i)perylene
 Concen: 48.63 ng
 RT: 29.98 min Scan# 4620
 Delta R.T. -0.04 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Instrument :
 BNA_G
 ClientSampleId :
 EP004MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	16.6	25.0
138	22.2	14.6	21.8



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

