

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040615\
 Data File : BG016250.D
 Acq On : 7 Apr 2015 11:22
 Operator : TP/IZ
 Sample : G1779-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 07 14:07:34 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	63584	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	300746	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	184219	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	412659	20.00	ng	0.00
75) Chrysene-d12	21.26	240	390042	20.00	ng	0.00
86) Perylene-d12	23.50	264	352746	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	545292	135.35	ng	0.00
7) Phenol-d6	6.87	99	805357	133.16	ng	0.00
23) Nitrobenzene-d5	8.86	82	420002	80.90	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	176200	141.43	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	882398	81.55	ng	0.00
78) Terphenyl-d14	19.71	244	1170875	70.26	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.18	88	360	0.20	ng	# 15
3) Pyridine	3.60	79	526	0.10	ng	# 1
4) n-Nitrosodimethylamine	3.49	42	216	0.13	ng	# 1
6) Aniline	7.02	93	63	0.01	ng	# 47
8) 2-Chlorophenol	7.26	128	234	0.05	ng	# 55
9) Benzaldehyde	6.87	77	1462	0.41	ng	# 1
10) Phenol	6.90	94	19139	2.96	ng	# 93
11) bis(2-Chloroethyl)ether	7.22	93	905	0.18	ng	# 1
15) Benzyl Alcohol	8.02	79	6058	1.44	ng	# 37
20) 3+4-Methylphenols	8.47	107	121	0.02	ng	# 21
24) Nitrobenzene	8.85	77	1087	0.20	ng	# 34
25) Isophorone	9.38	82	191	0.02	ng	# 62
31) Naphthalene	10.53	128	8875	0.57	ng	# 98
33) 4-Chloroaniline	10.53	127	1154	0.16	ng	# 23
36) 4-Chloro-3-methylphenol	11.80	107	60	0.01	ng	# 17
37) 2-Methylnaphthalene	12.15	142	732	0.06	ng	# 79
45) 1,1'-Biphenyl	13.16	154	321	0.02	ng	# 41
48) Acenaphthylene	14.06	152	224	0.01	ng	# 60
49) Dimethylphthalate	13.79	163	64677	4.79	ng	# 100
50) 2,6-Dinitrotoluene	13.79	165	695	0.21	ng	# 31
51) Acenaphthene	14.40	154	1086	0.09	ng	# 72
54) Dibenzofuran	14.74	168	379	0.02	ng	# 44
55) 4-Nitrophenol	14.61	139	149	0.04	ng	# 18
57) Fluorene	15.38	166	792	0.06	ng	# 90
59) Diethylphthalate	15.16	149	1933	0.13	ng	# 82
62) Azobenzene	15.70	77	22406	1.46	ng	# 1
70) Phenanthrene	17.12	178	6720	0.29	ng	# 98
71) Anthracene	17.21	178	1731	0.08	ng	# 97
72) Carbazole	17.48	167	481	0.02	ng	# 38
73) Di-n-butylphthalate	18.05	149	3965	0.14	ng	# 99
74) Fluoranthene	19.14	202	9830	0.41	ng	# 90
76) Benzydine	19.32	184	125	0.01	ng	# 1
77) Pvrene	19.50	202	8017	0.30	ng	# 94
79) Butylbenzylphthalate	20.40	149	1018	0.08	ng	# 89

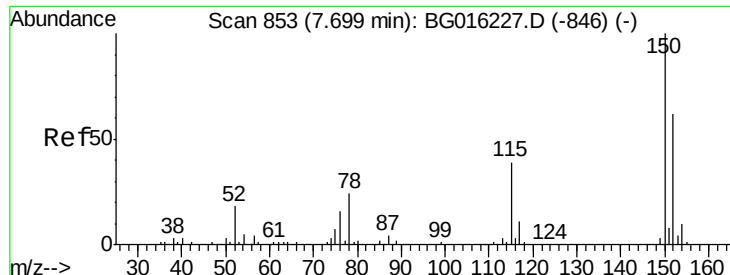
Data Path : Z:\HPCHEM1\BNA G\DATA\BG040615\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	21.25	228	5757	0.25	nq	# 88
82) Chrysene	21.29	228	2723	0.12	nq	# 92
83) Bis(2-ethylhexyl)phthalate	21.17	149	93959	5.20	nq	# 99
84) Di-n-octyl phthalate	22.05	149	578	0.02	nq	# 1
85) Indeno(1,2,3-cd)pyrene	25.79	276	2130	0.09	nq	# 79
87) Benzo(b)fluoranthene	22.82	252	4491	0.22	nq	# 95
88) Benzo(k)fluoranthene	22.82	252	4491	0.22	nq	# 92
89) Benzo(a)pyrene	23.40	252	3143	0.16	nq	# 84
90) Dibenzo(a,h)anthracene	25.82	278	141	0.01	nq	# 44
91) Benzo(a,h,i)perylene	26.50	276	2027	0.11	nq	# 74

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

Instrument :

BNA_G

ClientSampleId :

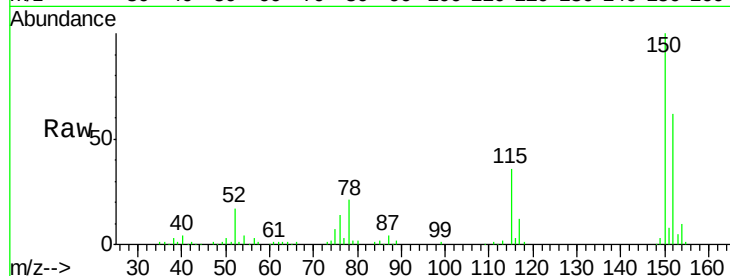
Tot Ion:152 Resp: 63584

Ion Ratio Lower Upper

152 100

150 160.0 130.1 195.1

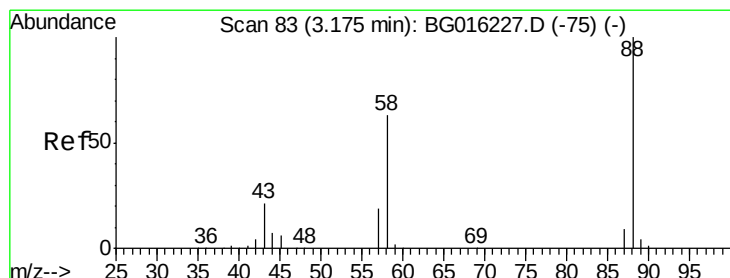
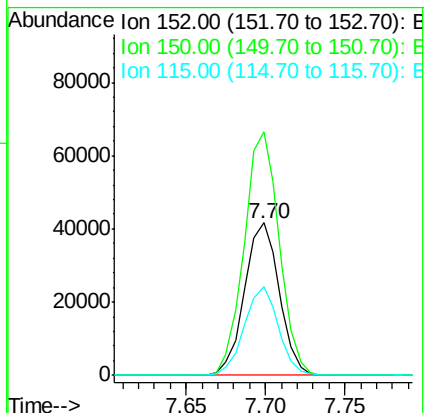
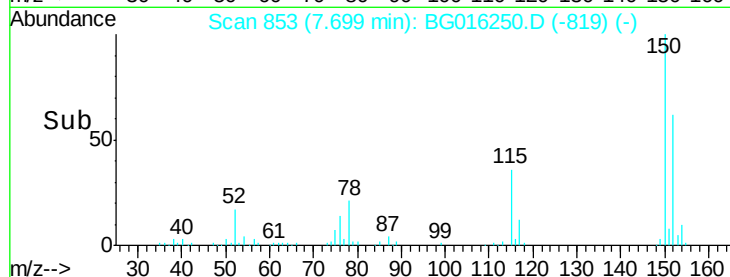
115 58.3 50.5 75.7



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: 0.20 ng

RT: 3.18 min Scan# 84

Delta R.T. 0.01 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

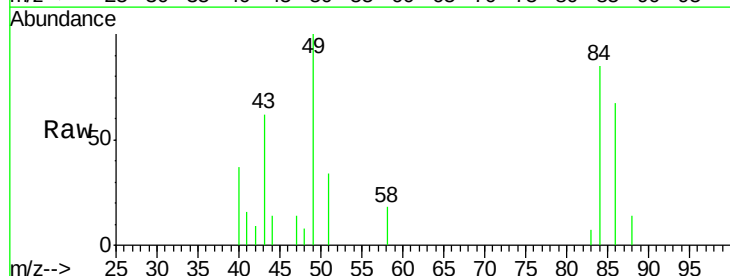
Tgt Ion: 88 Resp: 360

Ion Ratio Lower Upper

88 100

58 78.3 50.6 76.0#

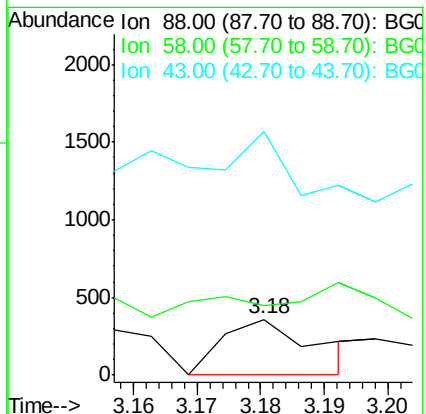
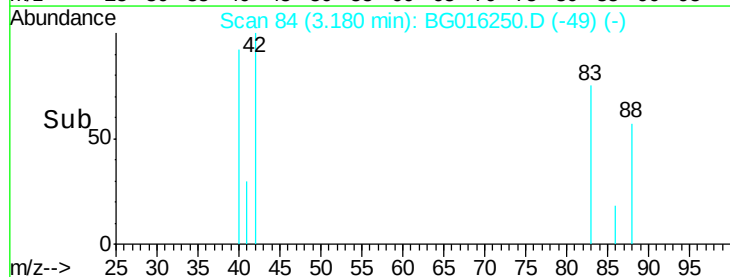
43 153.9 17.0 25.4#

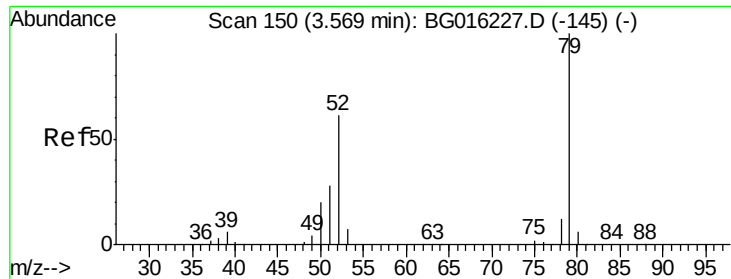


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.10 ng

RT: 3.60 min Scan# 156

Delta R.T. 0.03 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

Instrument :

BNA_G

ClientSampled :

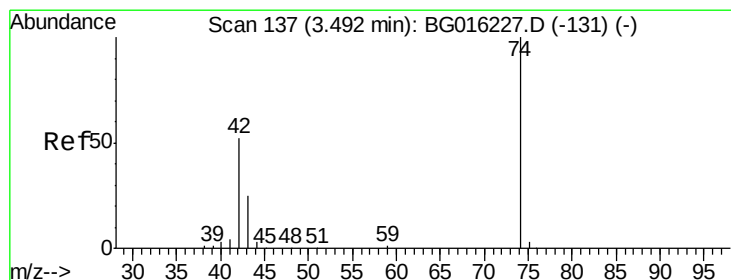
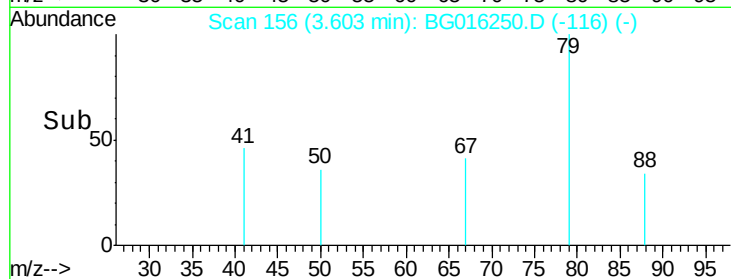
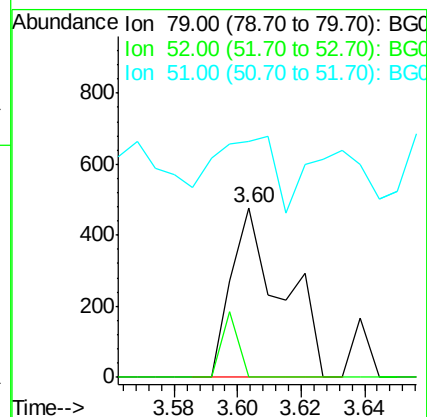
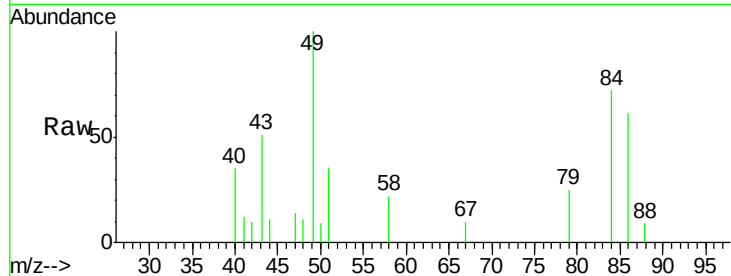
Tot Ion: 79 Resp: 526

Ion Ratio Lower Upper

79 100

52 0.0 49.0 73.4#

51 138.7 22.5 33.7#



#4

n-Nitrosodimethylamine

Concen: 0.13 ng

RT: 3.49 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

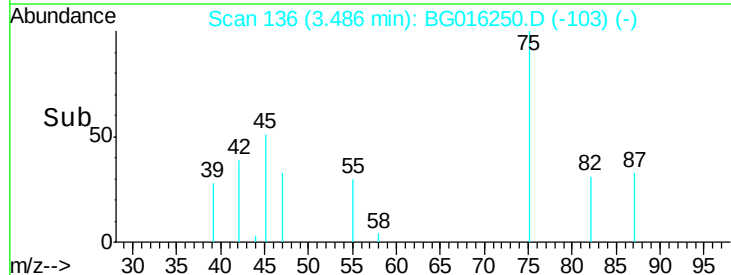
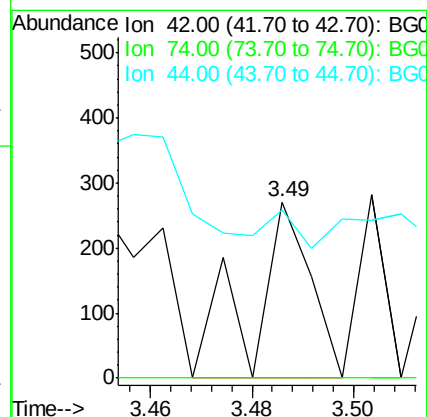
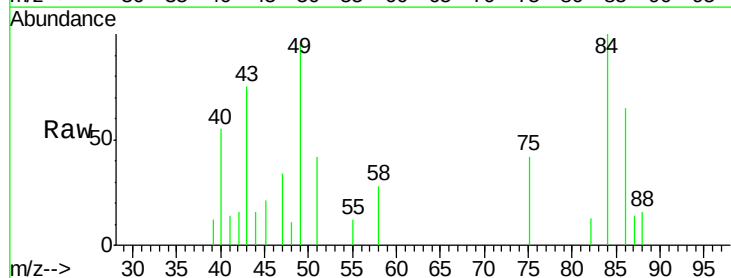
Tgt Ion: 42 Resp: 216

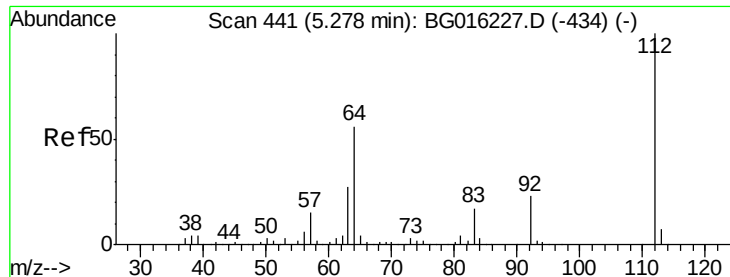
Ion Ratio Lower Upper

42 100

74 0.0 153.7 230.5#

44 95.2 5.3 7.9#





#5

2-Fluorophenol

Concen: 135.35 ng

RT: 5.28 min Scan# 441

Delta R.T. -0.00 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

Instrument :

BNA_G

ClientSampleId :

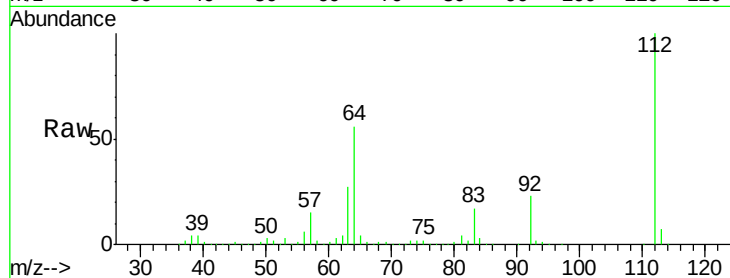
Tot Ion: 112 Resp: 545292

Ion Ratio Lower Upper

112 100

64 55.6 44.5 66.7

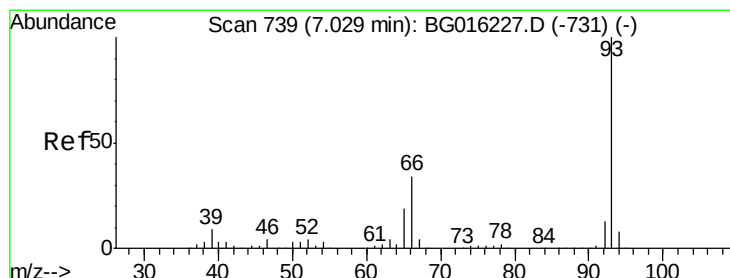
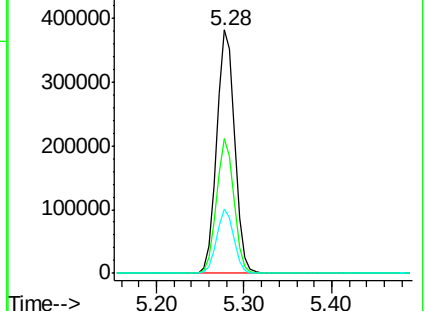
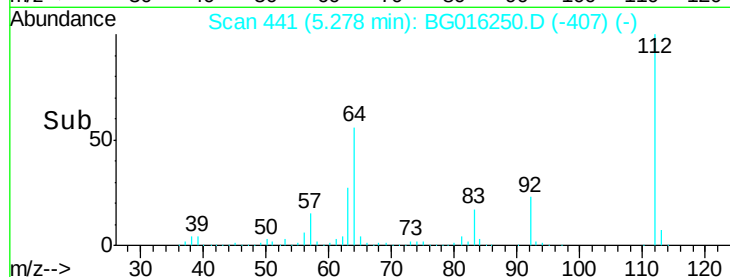
63 26.6 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.01 ng

RT: 7.02 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

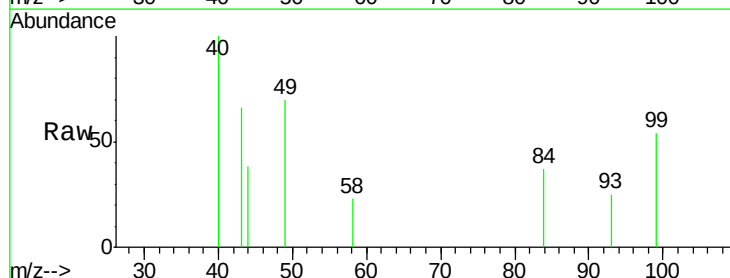
Tgt Ion: 93 Resp: 63

Ion Ratio Lower Upper

93 100

66 0.0 27.5 41.3#

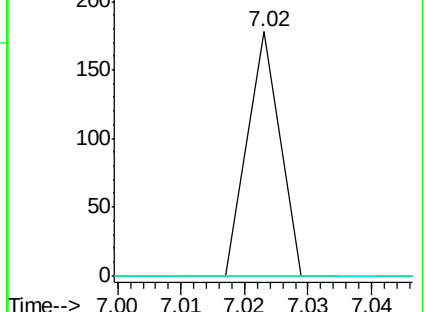
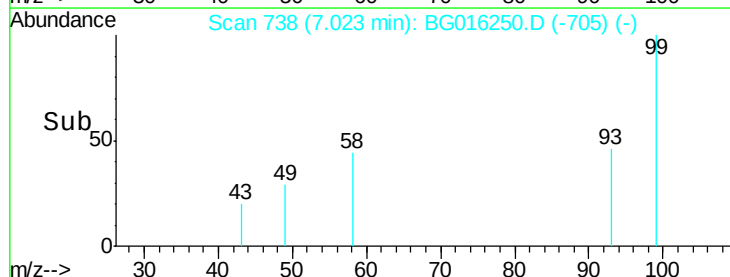
65 0.0 15.1 22.7#

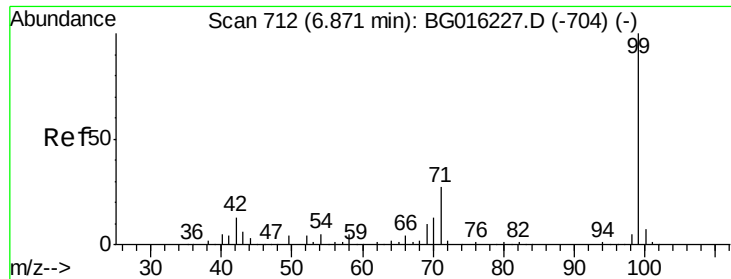


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.16 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

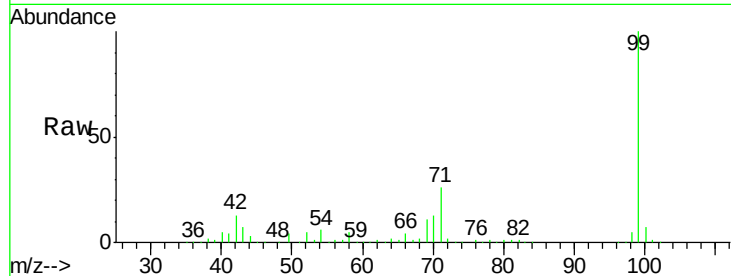
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 805357

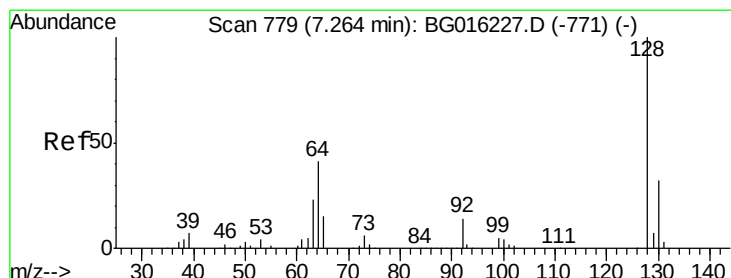
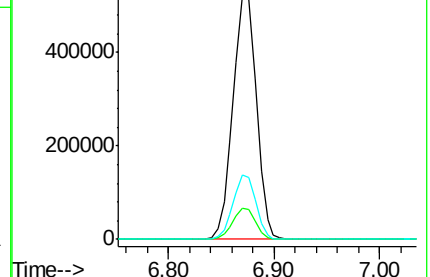
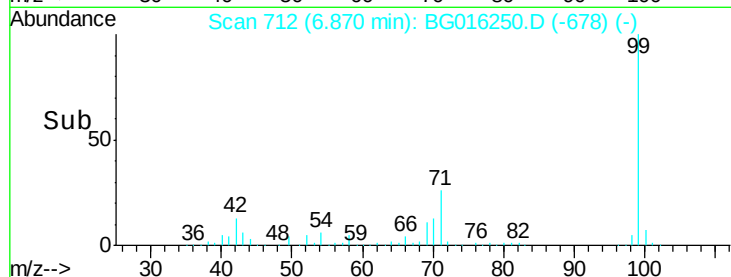
Ion	Ratio	Lower	Upper
99	100		
42	12.7	10.0	15.0
71	26.5	21.5	32.3



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 0.05 ng

RT: 7.26 min Scan# 779

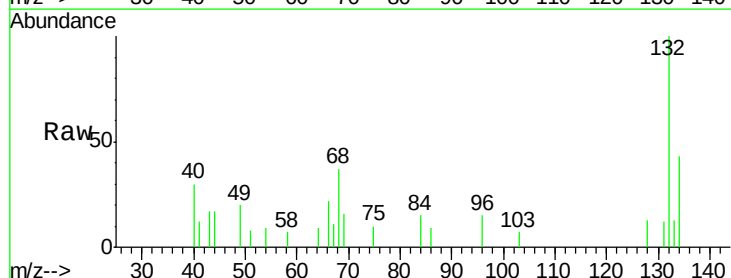
Delta R.T. -0.00 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

Tgt Ion: 128 Resp: 234

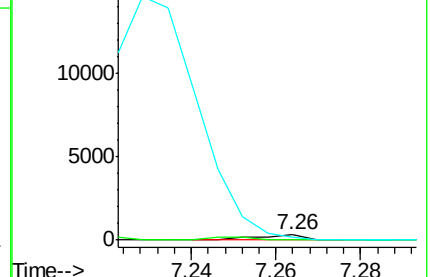
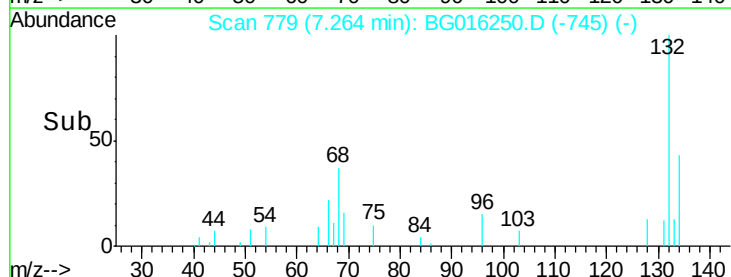
Ion	Ratio	Lower	Upper
128	100		
130	0.0	11.6	51.6#
64	68.1	24.2	64.2#

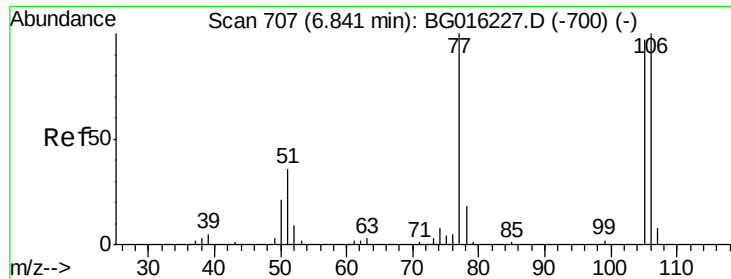


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 0.41 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.03 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

Instrument :

BNA_G

ClientSampleId :

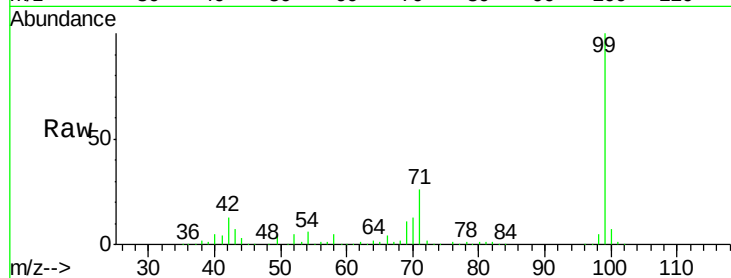
Tot Ion: 77 Resp: 1462

Ion Ratio Lower Upper

77 100

105 0.0 76.8 116.8#

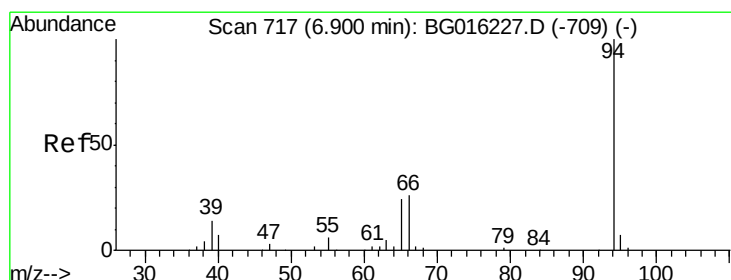
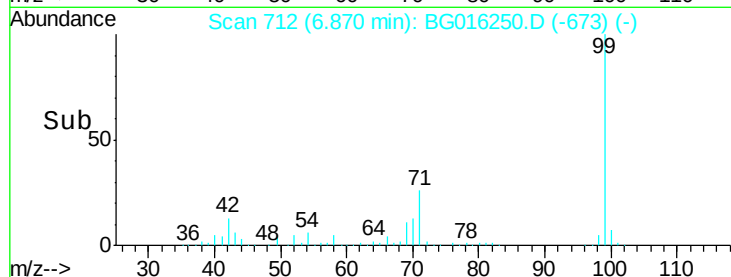
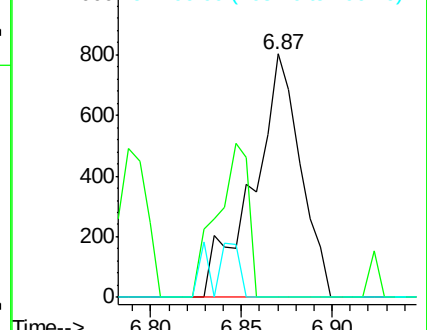
106 0.0 80.1 120.1#



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: 2.96 ng

RT: 6.90 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

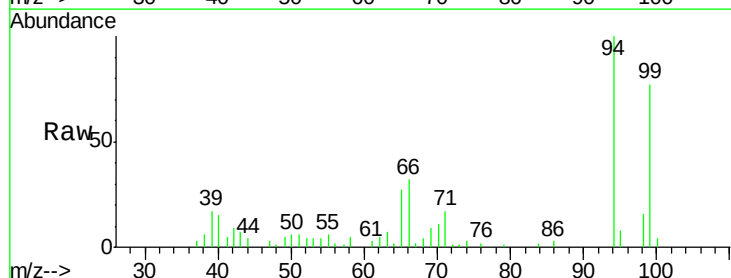
Tgt Ion: 94 Resp: 19139

Ion Ratio Lower Upper

94 100

65 26.7 3.8 43.8

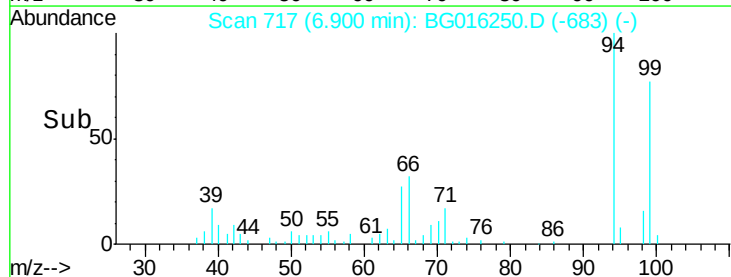
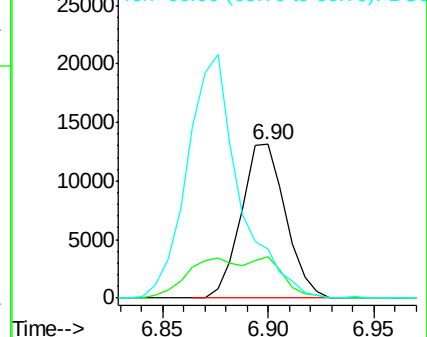
66 31.6 7.4 47.4

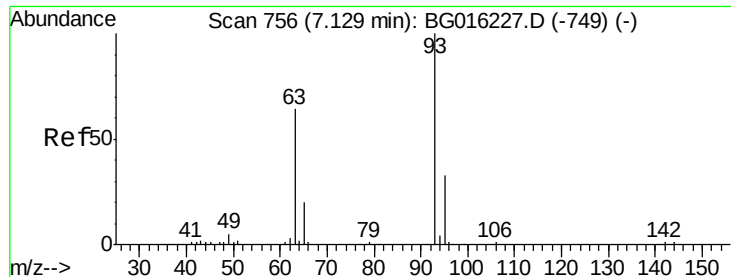


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 0.18 ng

RT: 7.22 min Scan# 772

Delta R.T. 0.09 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

Instrument :

BNA_G

ClientSampleId :

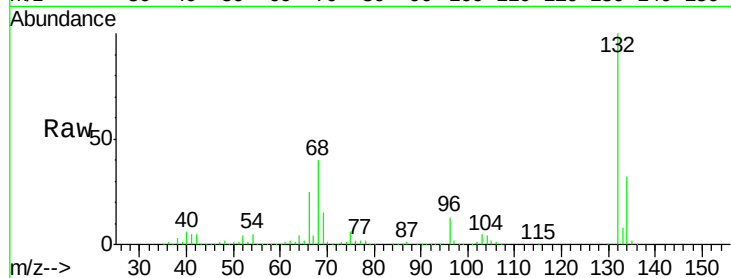
Tot Ion: 93 Resp: 905

Ion Ratio Lower Upper

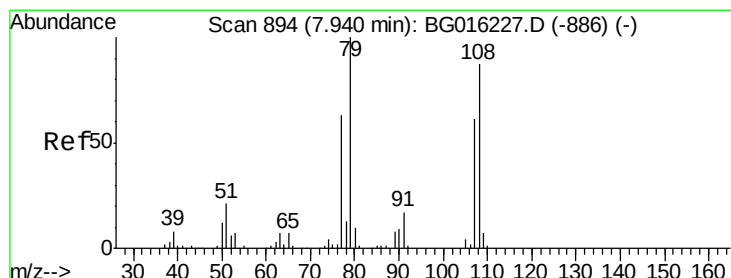
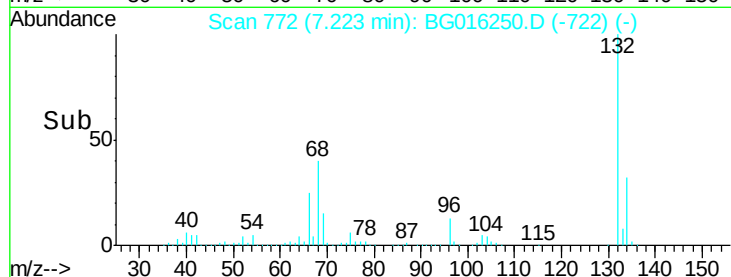
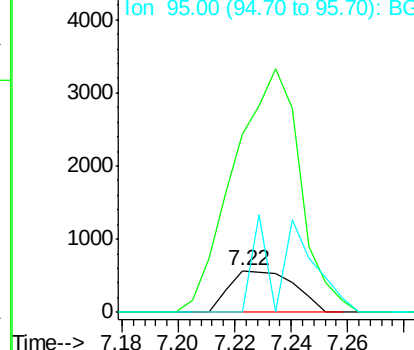
93 100

63 432.3 44.1 84.1#

95 0.0 12.5 52.5#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#15

Benzyl Alcohol

Concen: 1.44 ng

RT: 8.02 min Scan# 907

Delta R.T. 0.08 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

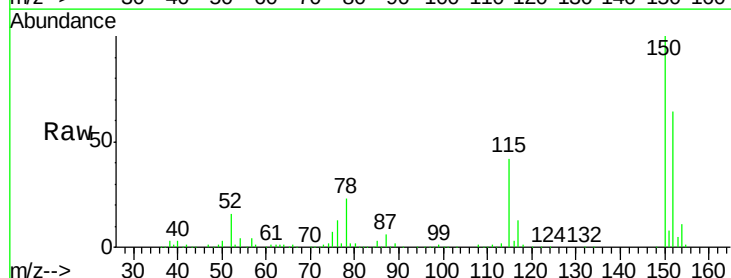
Tgt Ion: 79 Resp: 6058

Ion Ratio Lower Upper

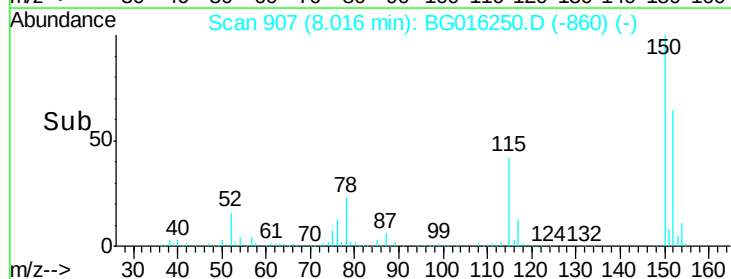
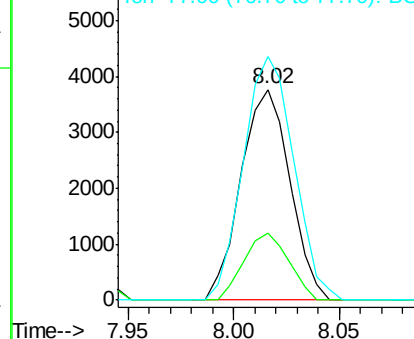
79 100

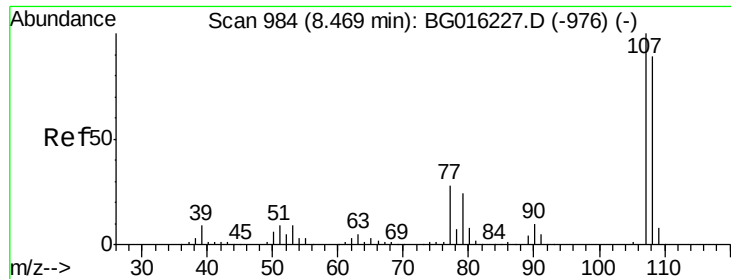
108 31.5 69.3 103.9#

77 115.4 50.3 75.5#



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

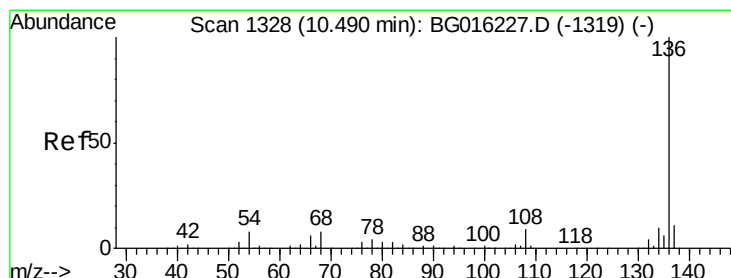
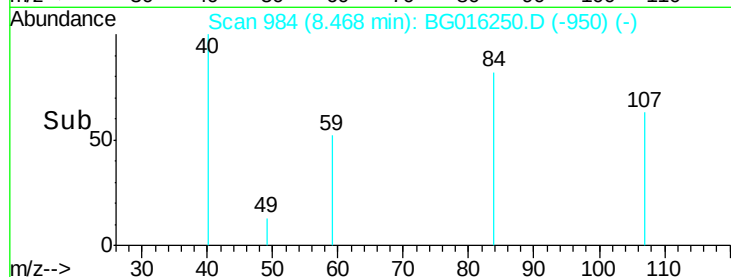
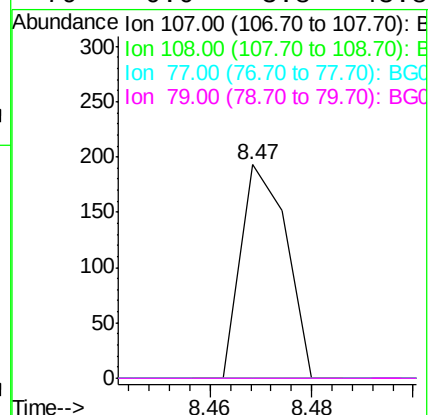
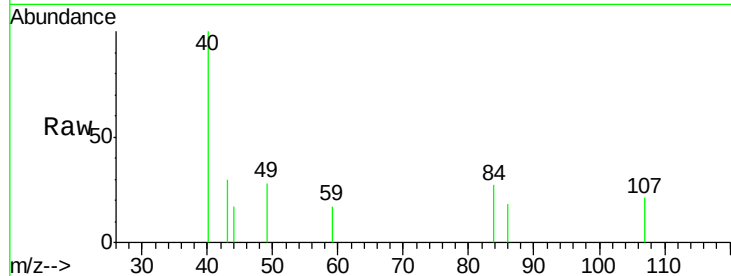




#20
3+4-Methylphenols
Concen: 0.02 ng
RT: 8.47 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

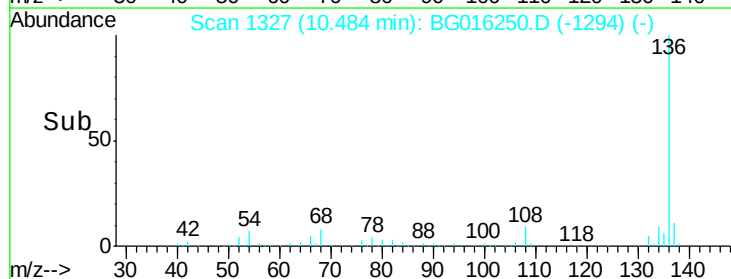
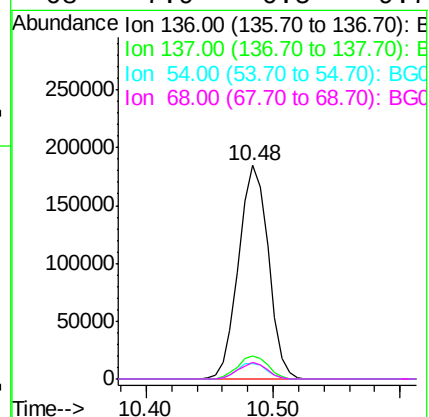
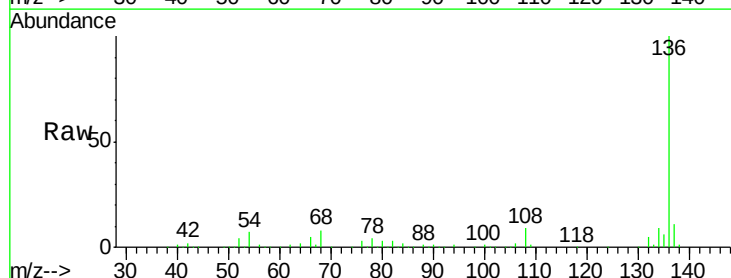
Instrument :
BNA_G
ClientSampleId :

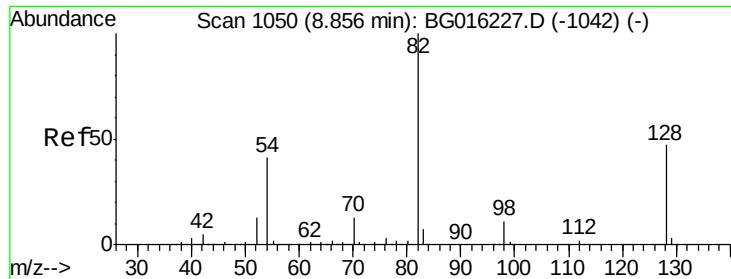
Tot Ion:	107	Resp:	121
Ion	Ratio	Lower	Upper
107	100		
108	0.0	69.5	109.5#
77	0.0	8.2	48.2#
79	0.0	3.8	43.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

Tgt Ion:	136	Resp:	300746
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.4	6.3	9.5
68	7.9	6.5	9.7

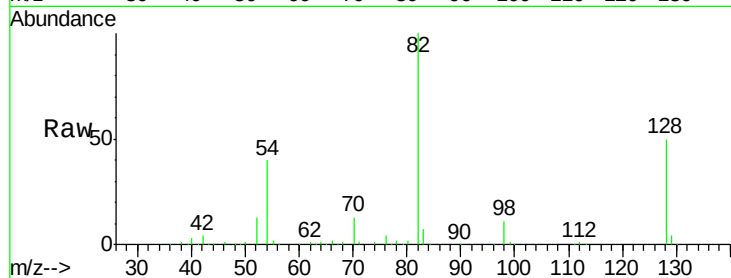




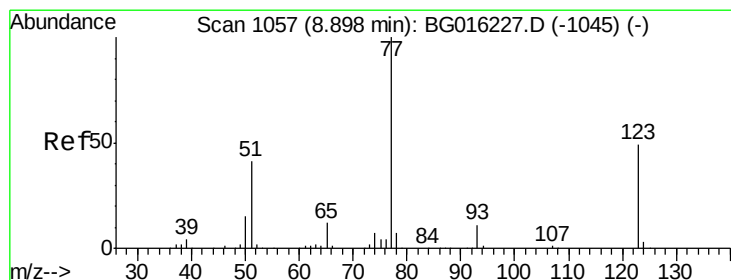
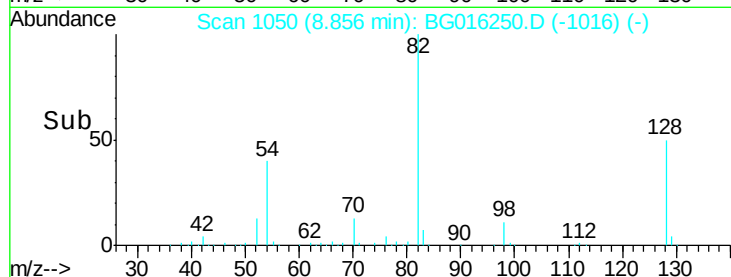
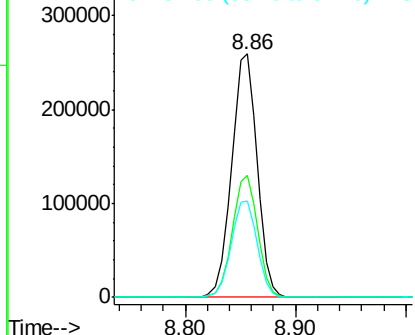
#23
 Nitrobenzene-d5
 Concen: 80.90 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG016250.D
 Acq: 7 Apr 2015 11:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 420002
 Ion Ratio Lower Upper
 82 100
 128 50.2 37.8 56.8
 54 39.8 32.6 49.0

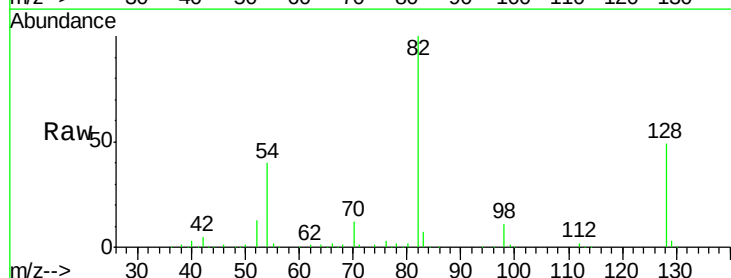


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

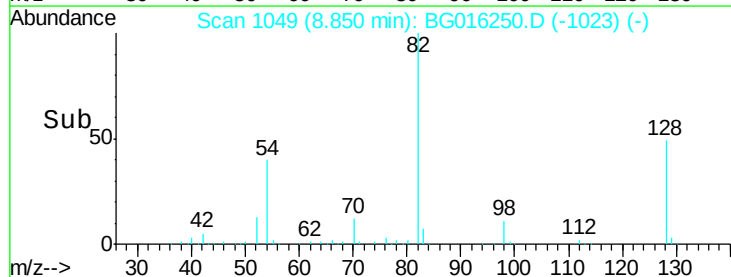
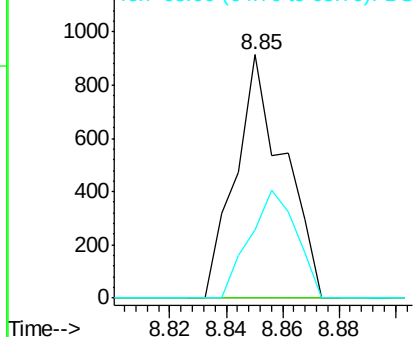


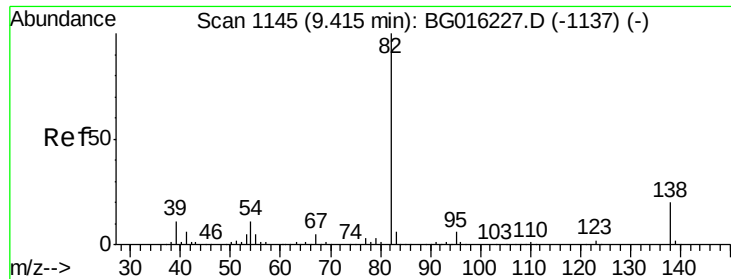
#24
 Nitrobenzene
 Concen: 0.20 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.05 min
 Lab File: BG016250.D
 Acq: 7 Apr 2015 11:22

Tgt Ion: 77 Resp: 1087
 Ion Ratio Lower Upper
 77 100
 123 0.0 38.8 58.2#
 65 28.2 9.4 14.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 0.02 ng

RT: 9.38 min Scan# 1140

Delta R.T. -0.03 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

Instrument :

BNA_G

ClientSampleId :

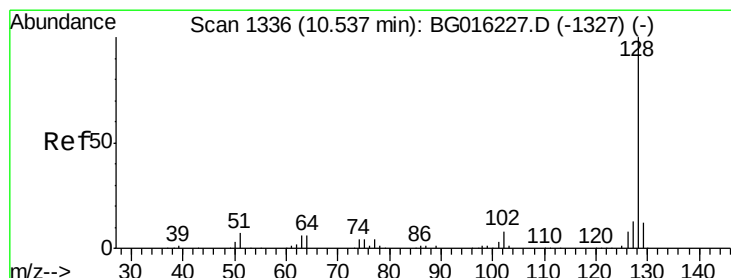
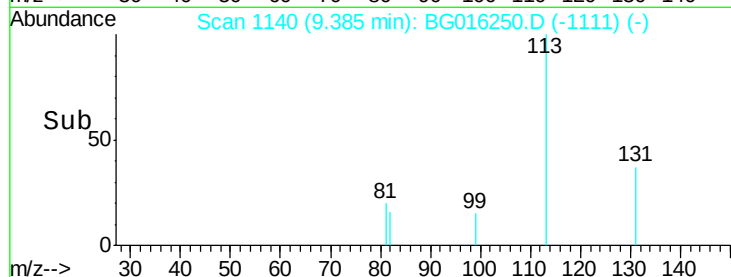
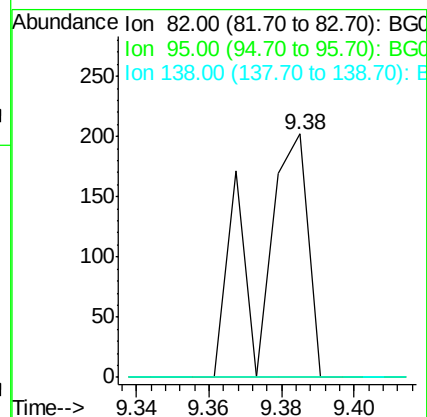
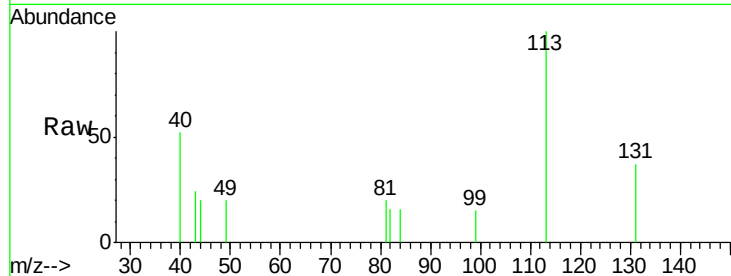
Tot Ion: 82 Resp: 191

Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.6#

138 0.0 16.2 24.2#



#31

Naphthalene

Concen: 0.57 ng

RT: 10.53 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

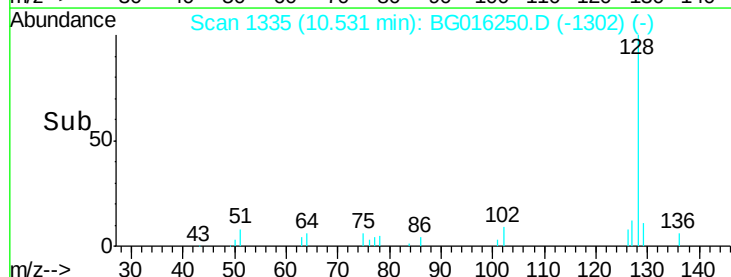
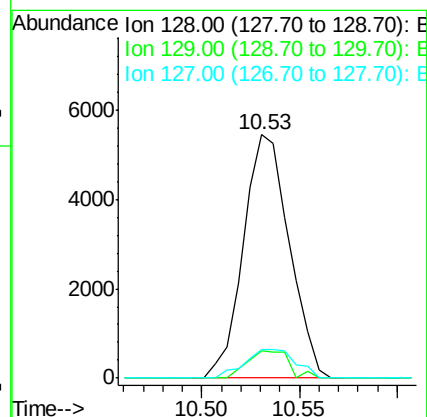
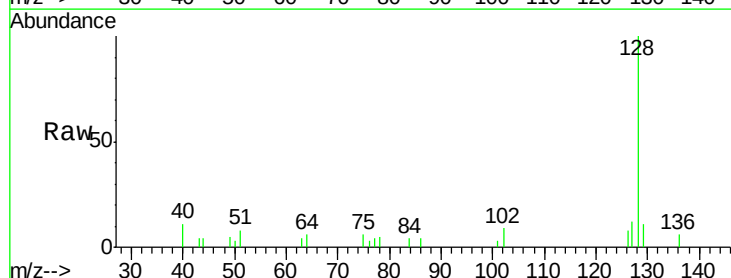
Tgt Ion: 128 Resp: 8875

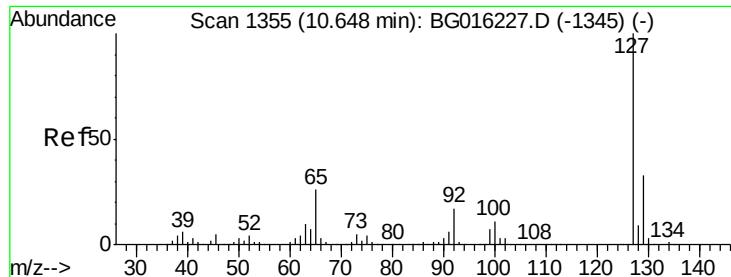
Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

127 11.6 10.6 16.0

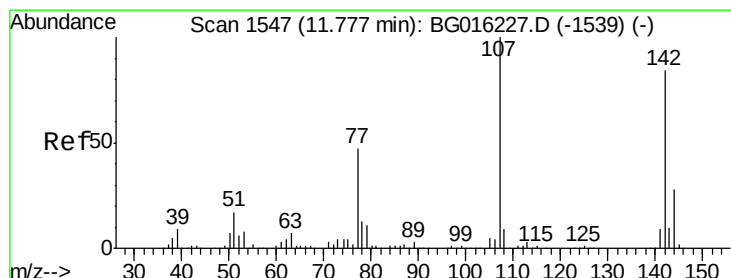
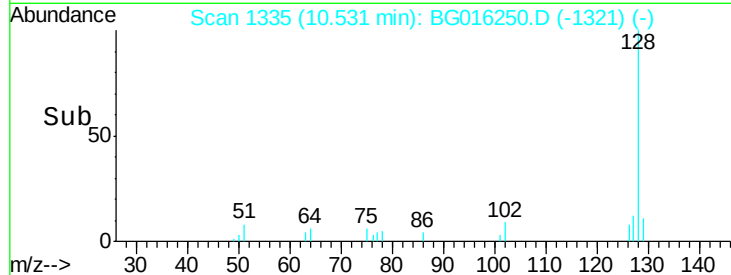
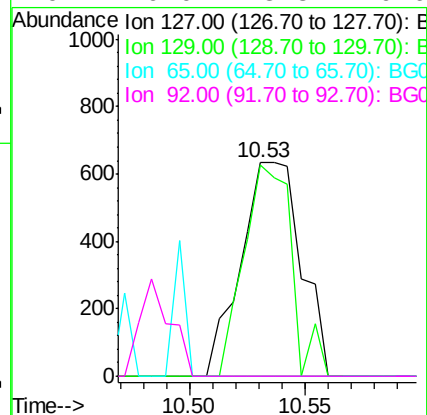
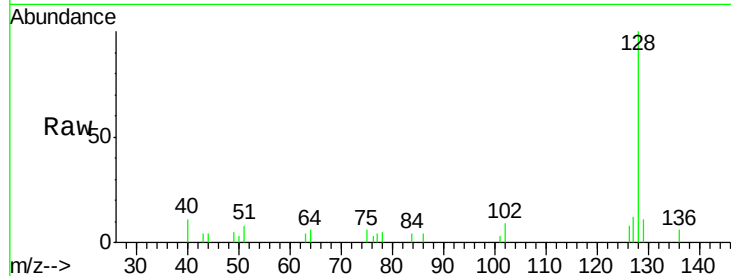




#33
4-Chloroaniline
Concen: 0.16 ng
RT: 10.53 min Scan# 1335
Delta R.T. -0.12 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

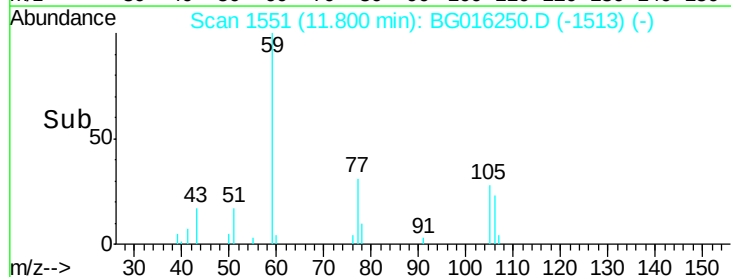
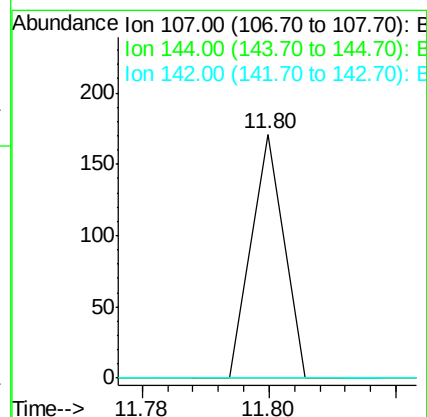
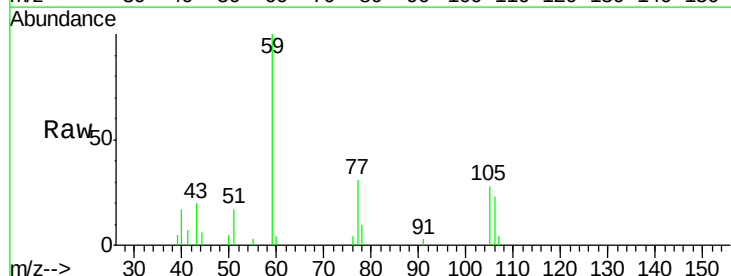
Instrument :
BNA_G
ClientSampleId :

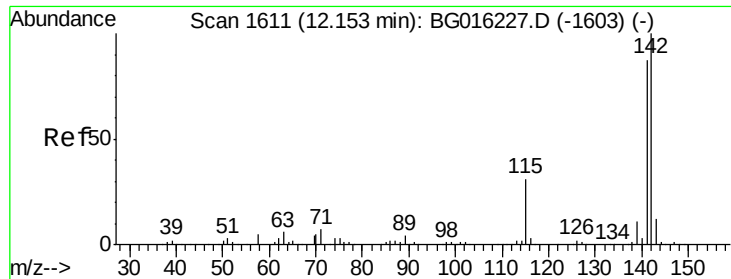
Tot Ion:127 Resp: 1154
Ion Ratio Lower Upper
127 100
129 98.7 26.1 39.1#
65 0.0 21.2 31.8#
92 0.0 13.8 20.6#



#36
4-Chloro-3-methylphenol
Concen: 0.01 ng
RT: 11.80 min Scan# 1551
Delta R.T. 0.02 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

Tgt Ion:107 Resp: 60
Ion Ratio Lower Upper
107 100
144 0.0 22.0 33.0#
142 0.0 67.0 100.6#

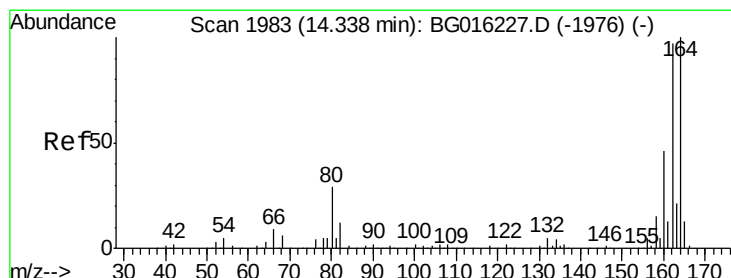
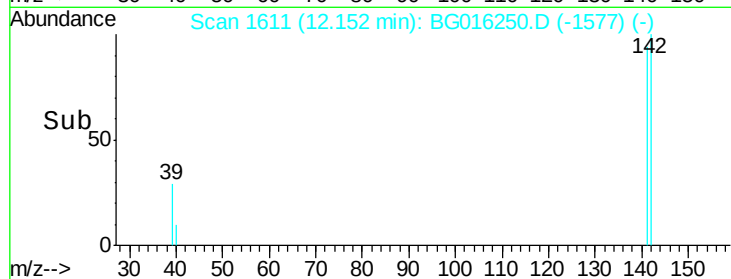
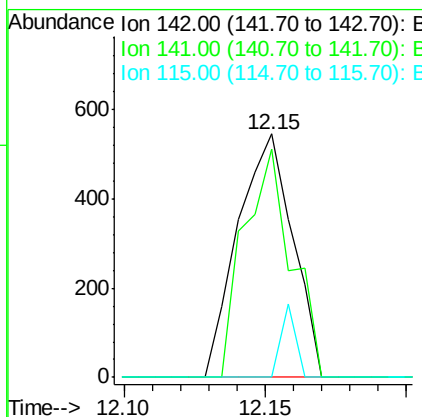
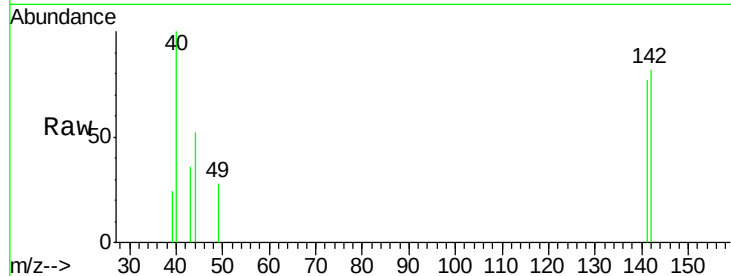




#37
2-Methylnaphthalene
Concen: 0.06 ng
RT: 12.15 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

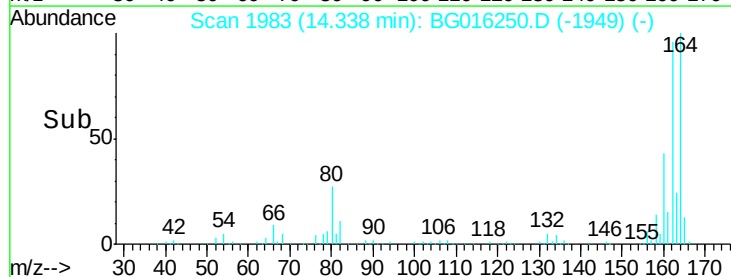
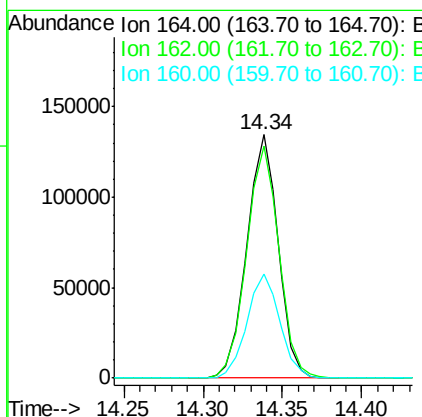
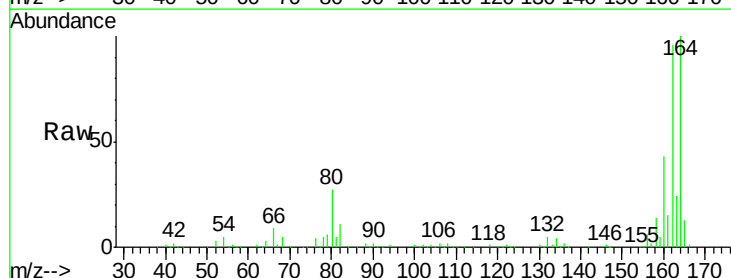
Instrument :
BNA_G
ClientSampleId :

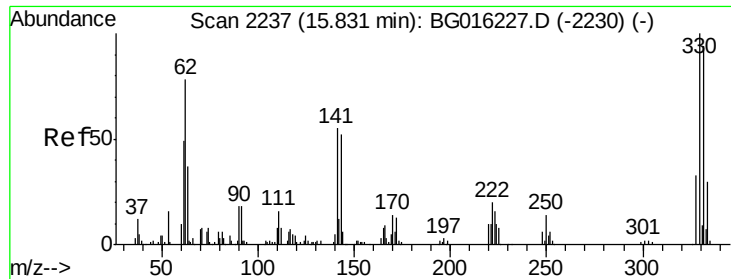
Tot Ion:142 Resp: 732
Ion Ratio Lower Upper
142 100
141 93.6 69.3 103.9
115 0.0 25.0 37.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

Tgt Ion:164 Resp: 184219
Ion Ratio Lower Upper
164 100
162 95.5 77.3 115.9
160 43.0 36.7 55.1

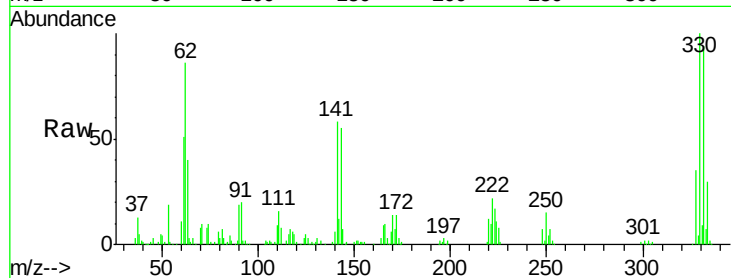




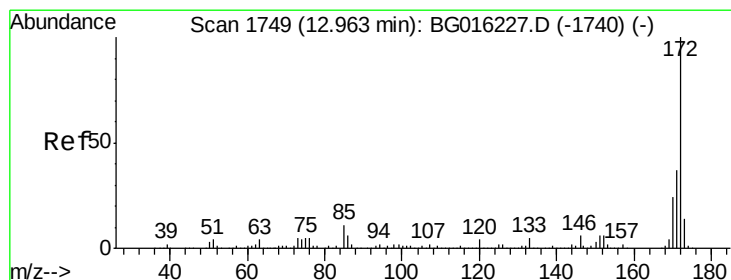
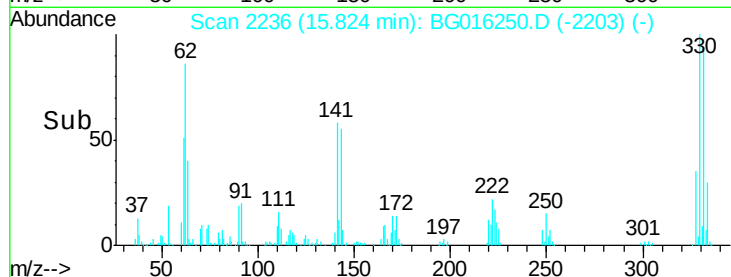
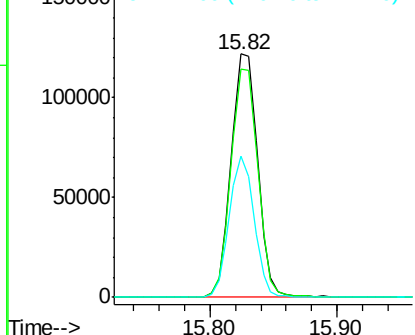
#41
 2,4,6-Tribromophenol
 Concen: 141.43 ng
 RT: 15.82 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BG016250.D
 Acq: 7 Apr 2015 11:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 176200
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.8 113.6
 141 54.9 46.6 69.8

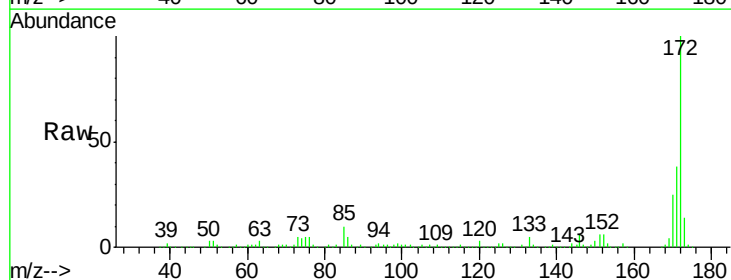


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

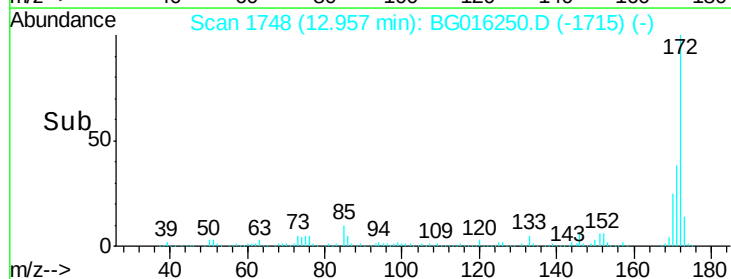
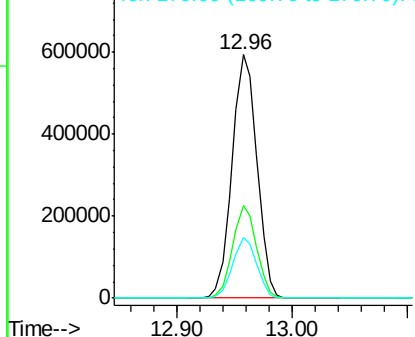


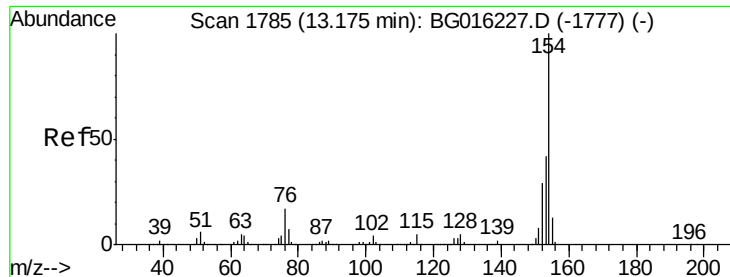
#44
 2-Fluorobiphenyl
 Concen: 81.55 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG016250.D
 Acq: 7 Apr 2015 11:22

Tgt Ion:172 Resp: 882398
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.6 44.4
 170 24.6 19.4 29.2



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

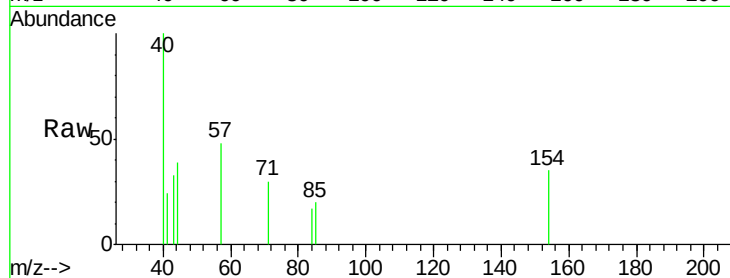




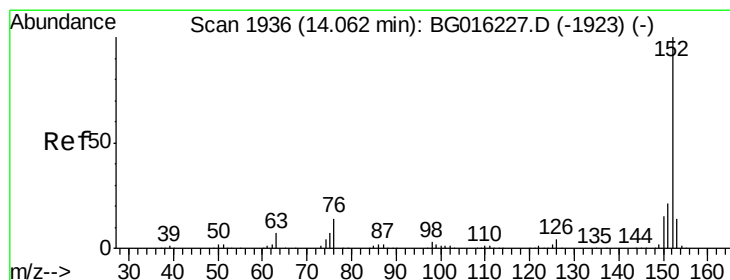
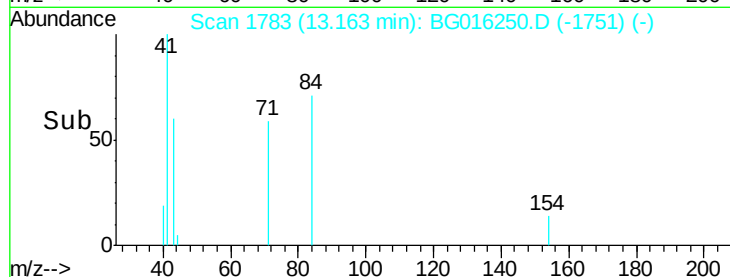
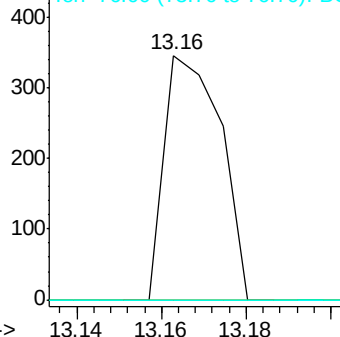
#45
 1,1'-Biphenyl
 Concen: 0.02 ng
 RT: 13.16 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BG016250.D
 Acq: 7 Apr 2015 11:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	0.0	22.4	62.4#
76	0.0	0.0	37.1

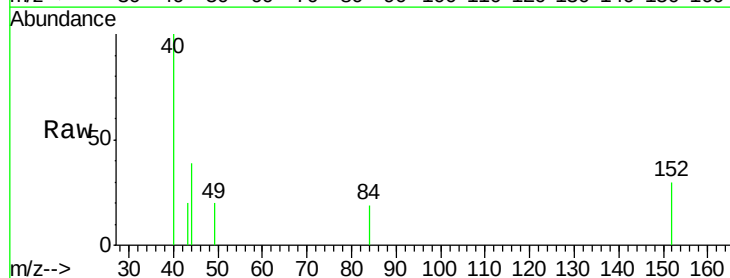


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

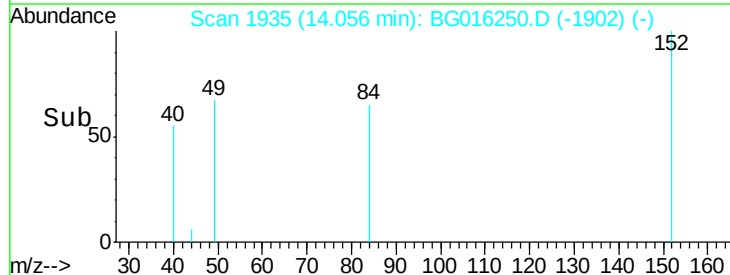
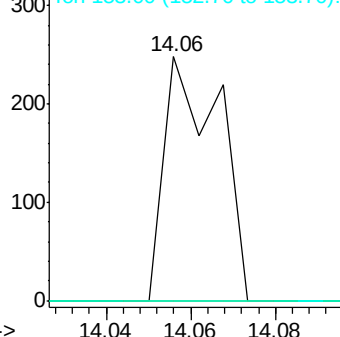


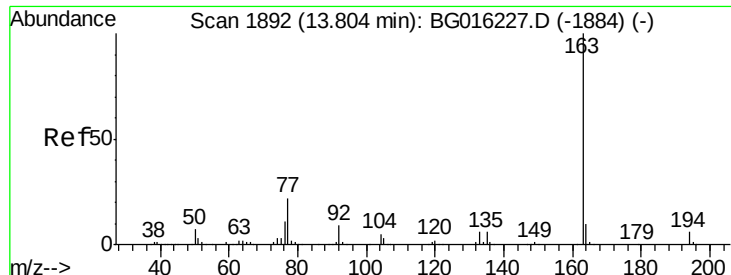
#48
 Acenaphthylene
 Concen: 0.01 ng
 RT: 14.06 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BG016250.D
 Acq: 7 Apr 2015 11:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.5	24.7#
153	0.0	11.1	16.7#



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 4.79 ng

RT: 13.79 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

Instrument :

BNA_G

ClientSampleId :

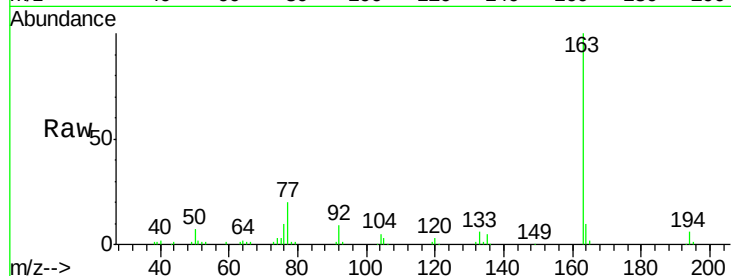
Tot Ion:163 Resp: 64677

Ion Ratio Lower Upper

163 100

194 6.4 5.0 7.4

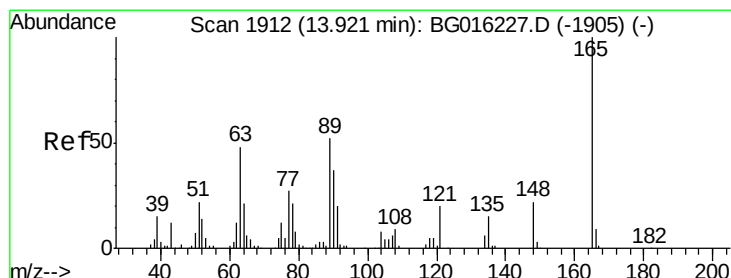
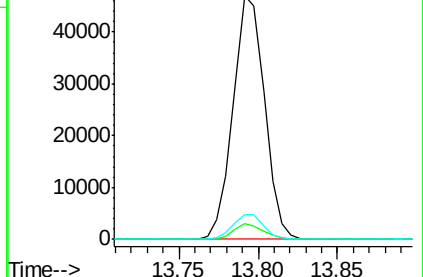
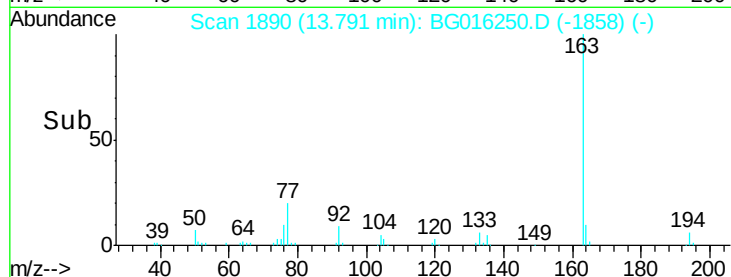
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.21 ng

RT: 13.79 min Scan# 1890

Delta R.T. -0.13 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

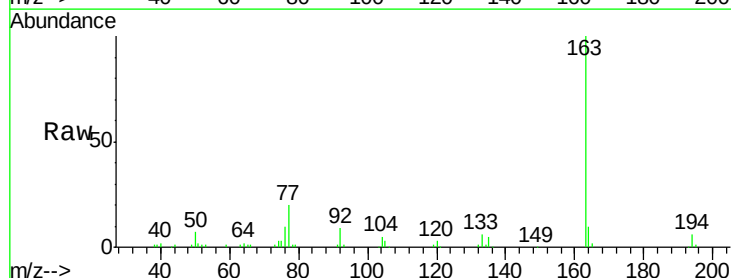
Tgt Ion:165 Resp: 695

Ion Ratio Lower Upper

165 100

63 93.2 39.3 58.9#

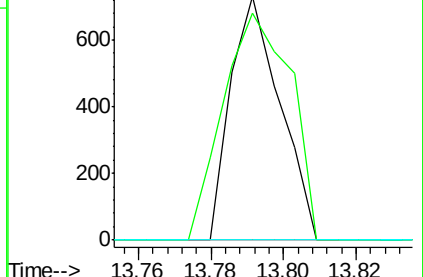
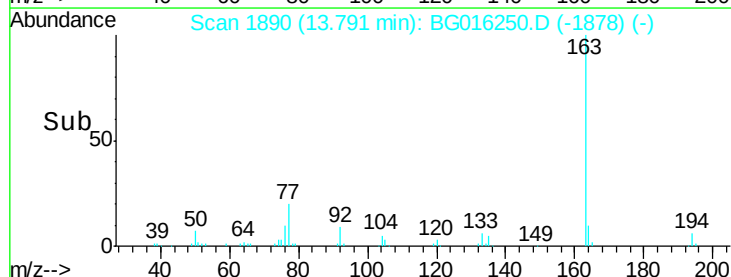
89 0.0 41.3 61.9#

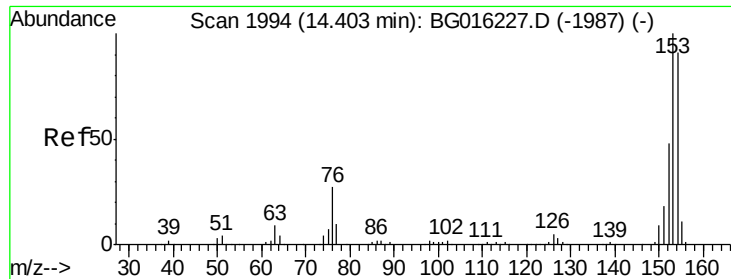


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 0.09 ng

RT: 14.40 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

Instrument :

BNA_G

ClientSampleId :

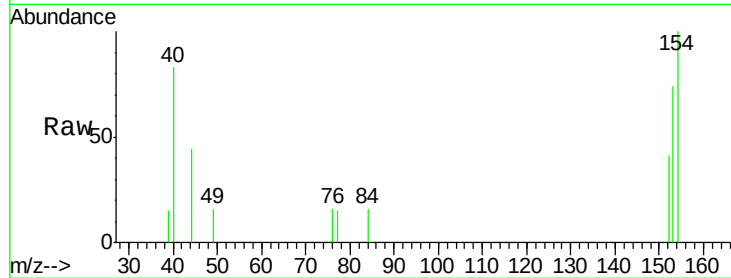
Tot Ion:154 Resp: 1086

Ion Ratio Lower Upper

154 100

153 73.9 87.5 131.3#

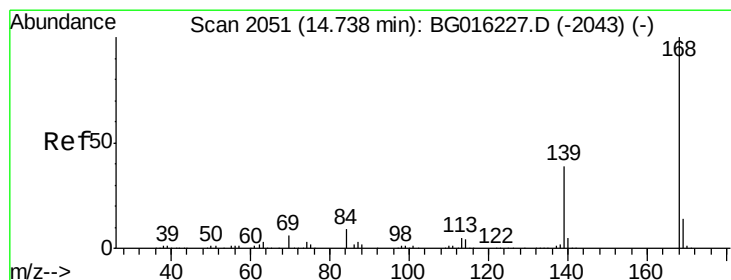
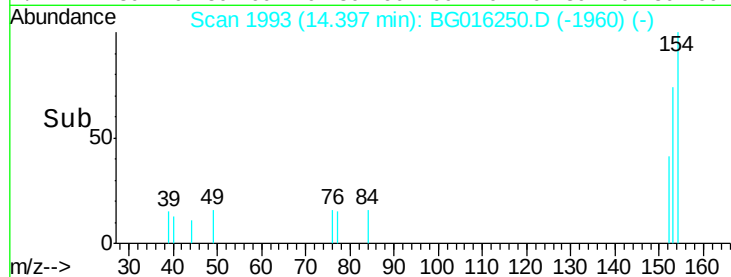
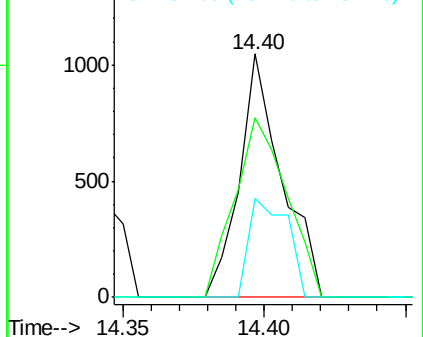
152 40.9 42.1 63.1#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 0.02 ng

RT: 14.74 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

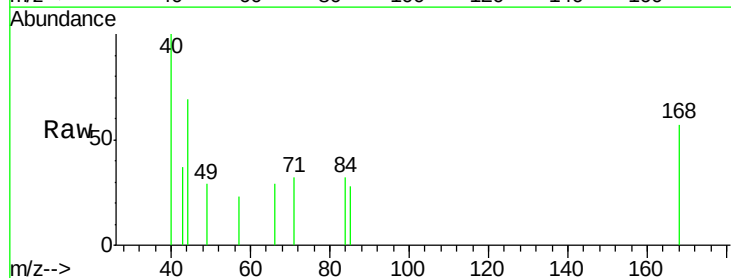
Tgt Ion:168 Resp: 379

Ion Ratio Lower Upper

168 100

139 0.0 31.0 46.6#

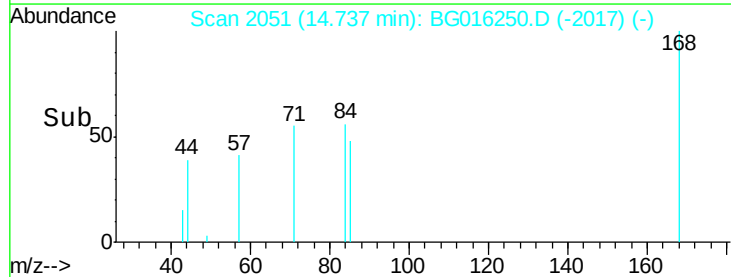
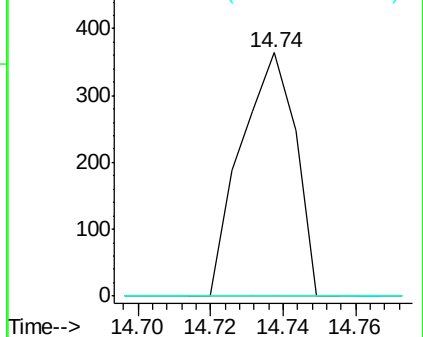
169 0.0 11.2 16.8#

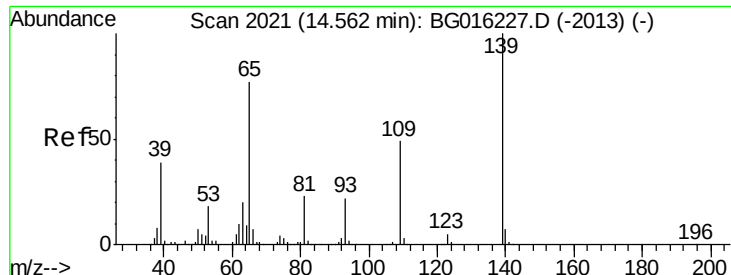


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

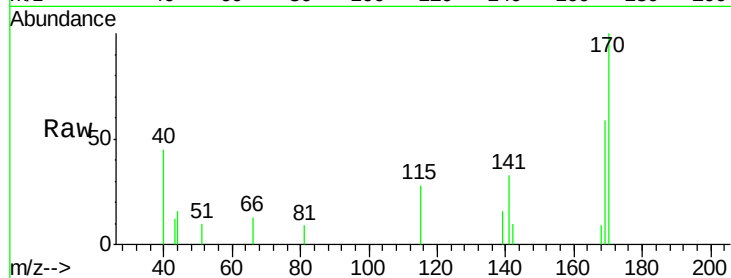




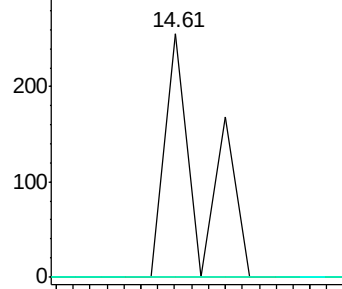
#55
4-Nitrophenol
Concen: 0.04 ng
RT: 14.61 min Scan# 2029
Delta R.T. 0.05 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

Instrument :
BNA_G
ClientSampleId :

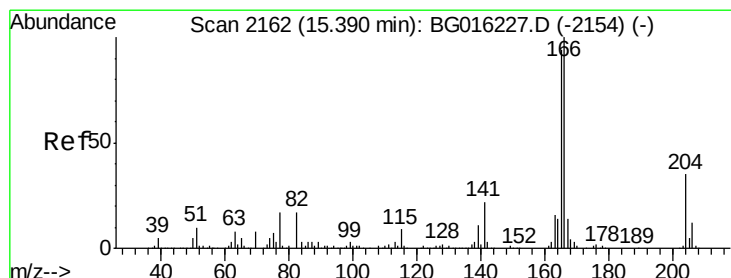
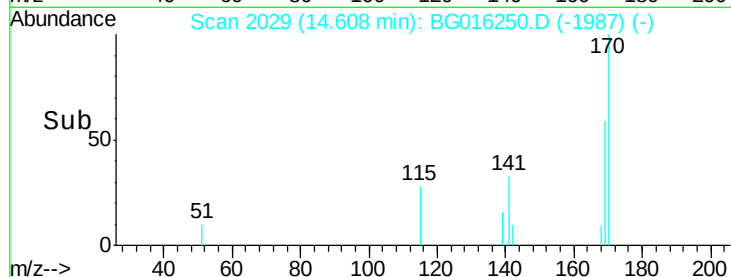
Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	28.5	68.5#
65	0.0	56.9	96.9#



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): B

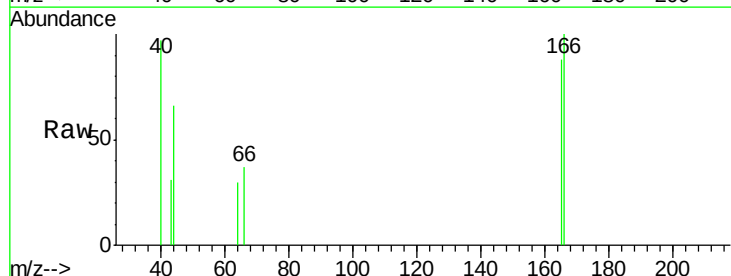


Time--> 14.58 14.60 14.62 14.64

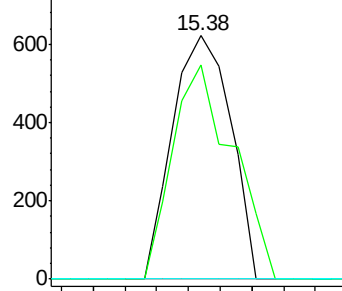


#57
Fluorene
Concen: 0.06 ng
RT: 15.38 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

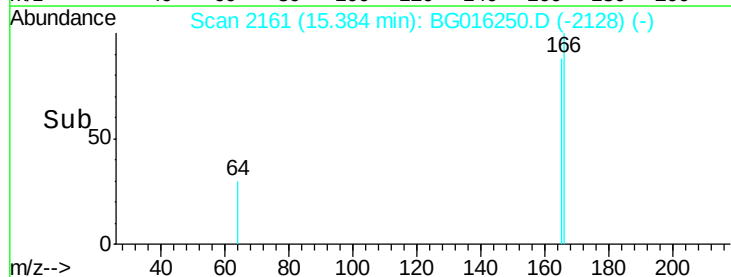
Tgt Ion	Ratio	Lower	Upper
166	100		
165	87.9	75.2	112.8
167	0.0	11.3	16.9#

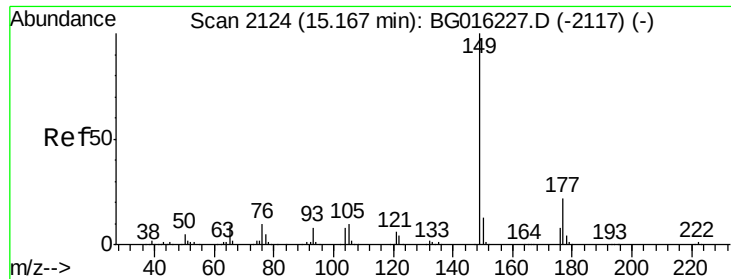


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time--> 15.35 15.40





#59

Diethylphthalate

Concen: 0.13 ng

RT: 15.16 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

Instrument :

BNA_G

ClientSampleId :

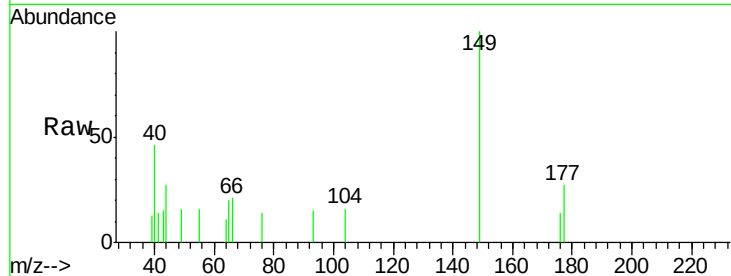
Tot Ion:149 Resp: 1933

Ion Ratio Lower Upper

149 100

177 26.7 17.7 26.5#

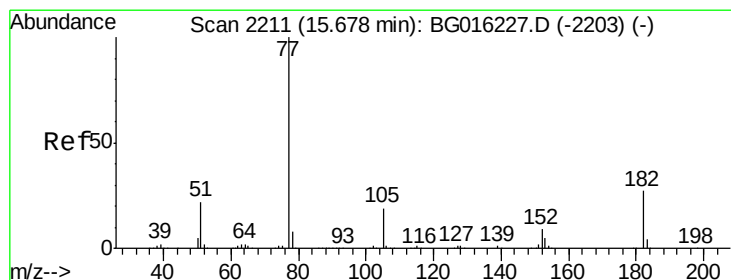
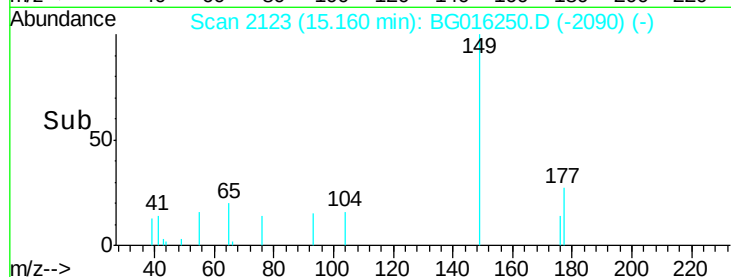
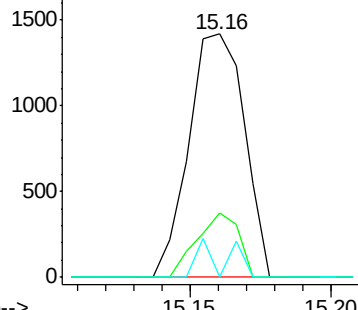
150 0.0 10.0 15.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#62

Azobenzene

Concen: 1.46 ng

RT: 15.70 min Scan# 2214

Delta R.T. 0.02 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

Tgt Ion: 77 Resp: 22406

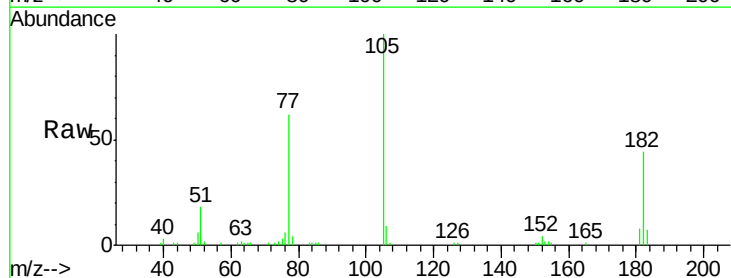
Ion Ratio Lower Upper

77 100

182 69.8 6.6 46.6#

105 160.5 0.0 39.2#

51 28.6 2.0 42.0

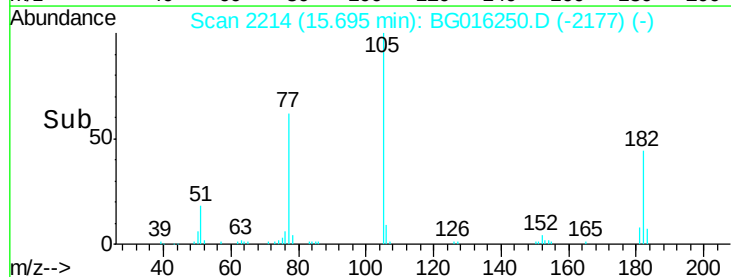
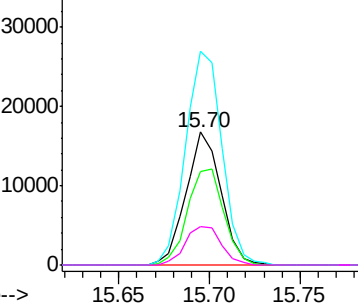


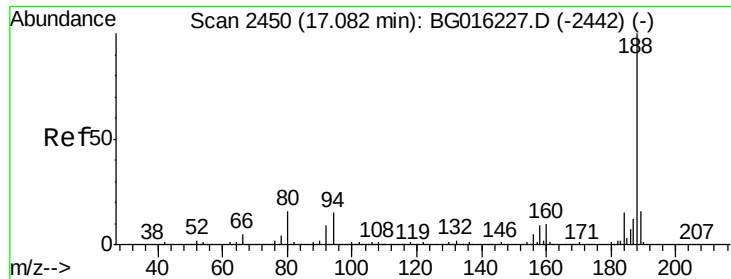
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

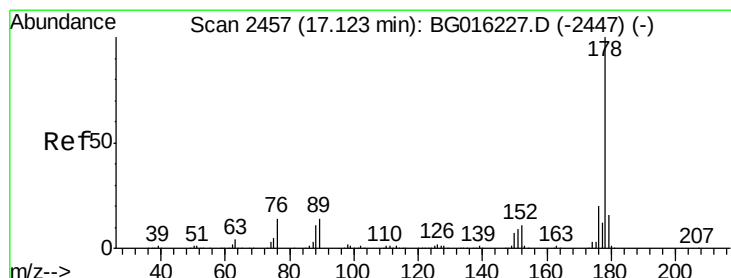
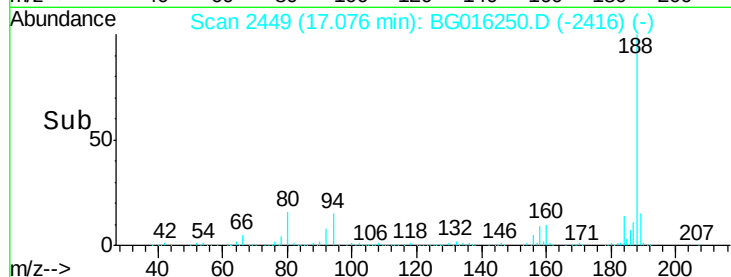
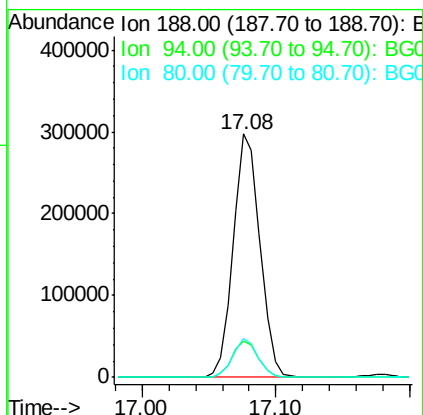
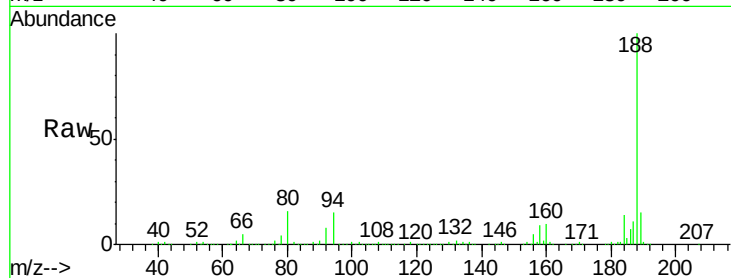




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

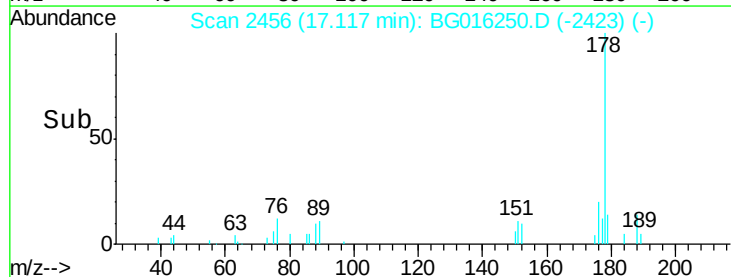
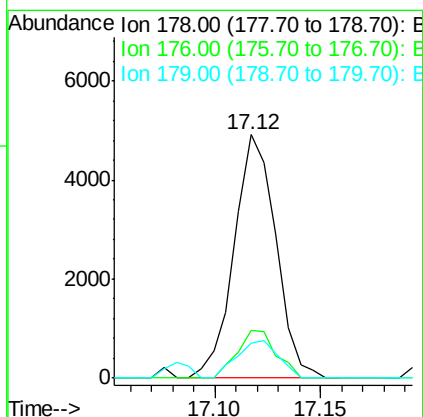
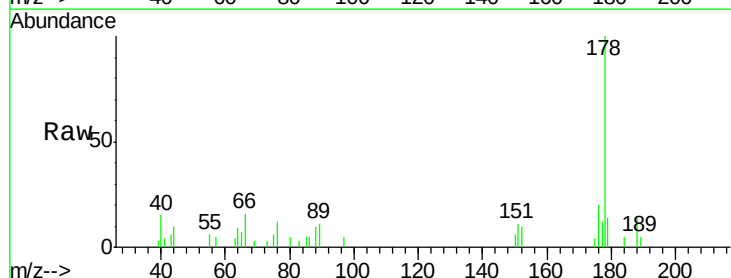
Instrument :
BNA_G
ClientSampleId :

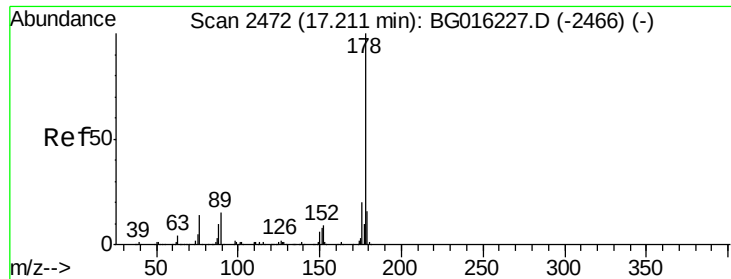
Tot Ion:188 Resp: 412659
Ion Ratio Lower Upper
188 100
94 15.1 12.2 18.4
80 16.1 12.8 19.2



#70
Phenanthrene
Concen: 0.29 ng
RT: 17.12 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

Tgt Ion:178 Resp: 6720
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.4
179 14.4 12.7 19.1

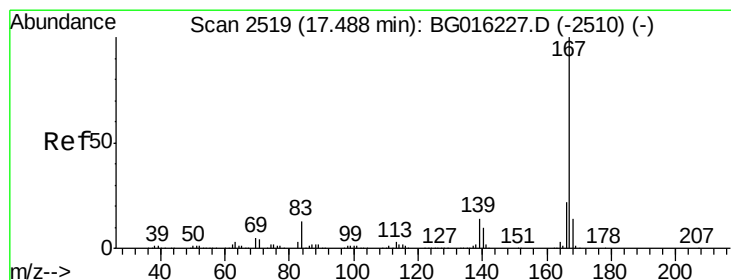
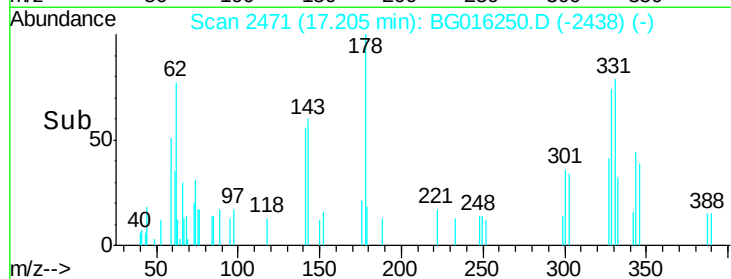
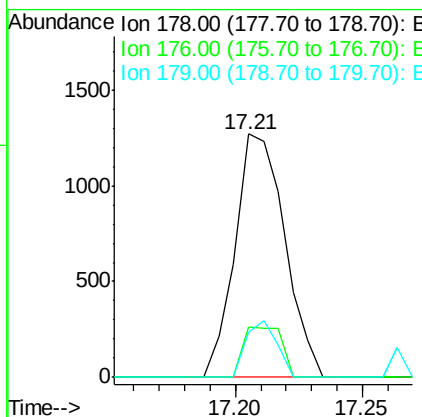
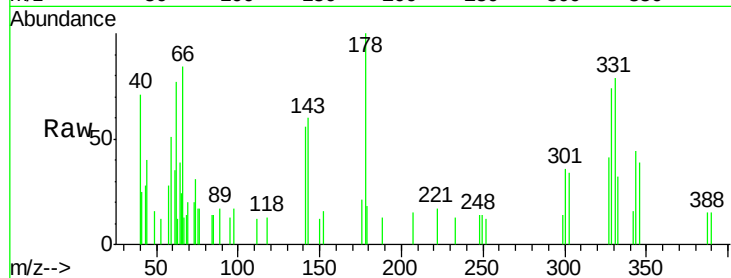




#71
 Anthracene
 Concen: 0.08 ng
 RT: 17.21 min Scan# 2471
 Delta R.T. -0.01 min
 Lab File: BG016250.D
 Acq: 7 Apr 2015 11:22

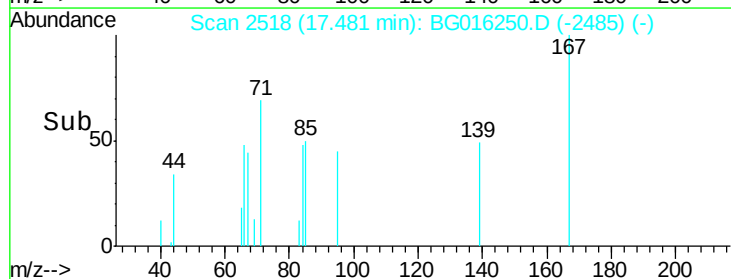
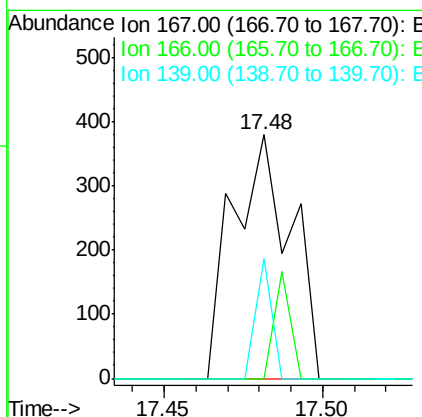
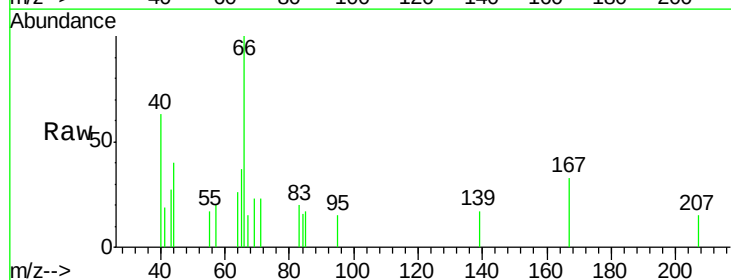
Instrument :
 BNA_G
 ClientSampled :

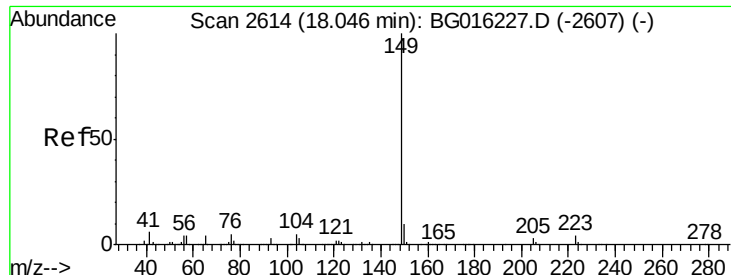
Tot Ion:178 Resp: 1731
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.9 23.9
 179 18.3 13.0 19.6



#72
 Carbazole
 Concen: 0.02 ng
 RT: 17.48 min Scan# 2518
 Delta R.T. -0.01 min
 Lab File: BG016250.D
 Acq: 7 Apr 2015 11:22

Tgt Ion:167 Resp: 481
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.9 26.9#
 139 49.3 11.5 17.3#

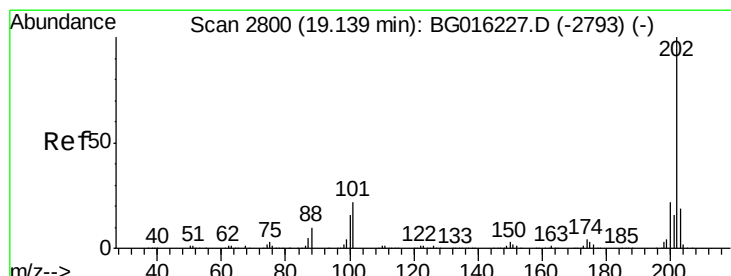
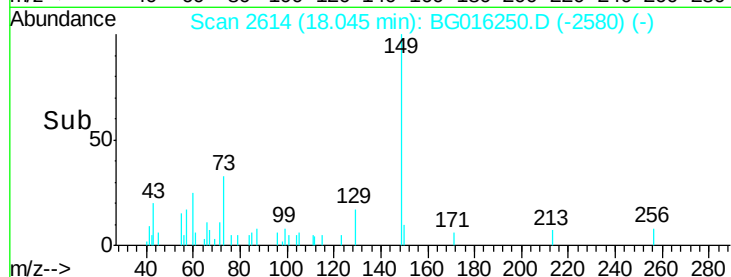
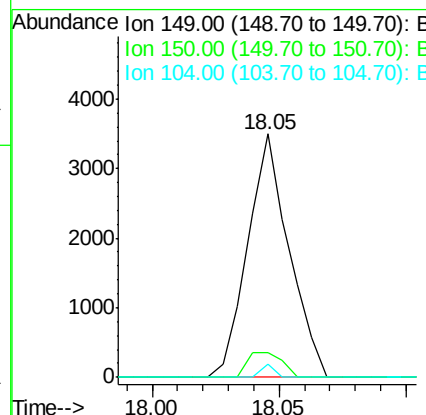
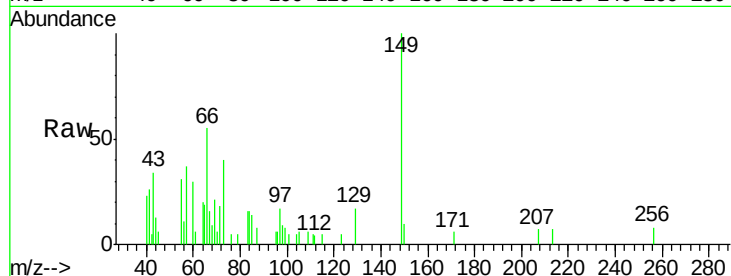




#73
Di-n-butylphthalate
Concen: 0.14 ng
RT: 18.05 min Scan# 2614
Delta R.T. -0.00 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

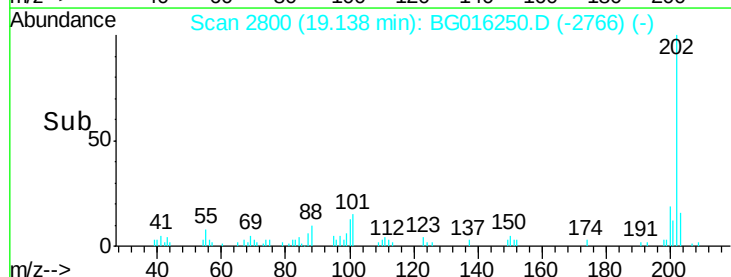
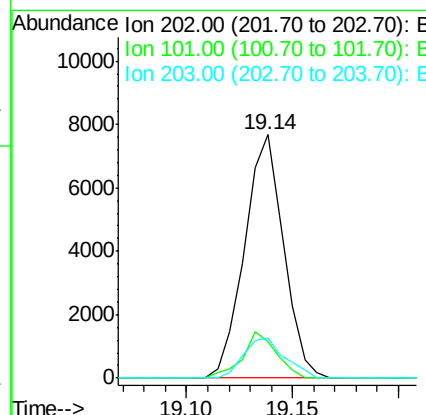
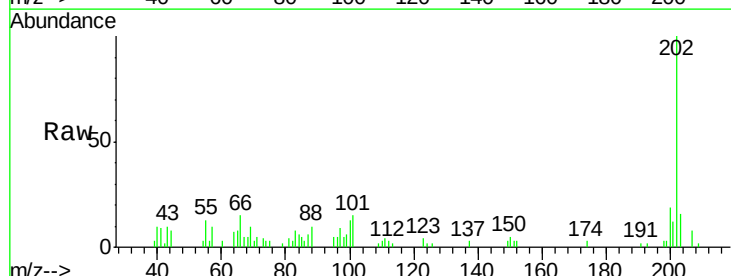
Instrument :
BNA_G
ClientSampleId :

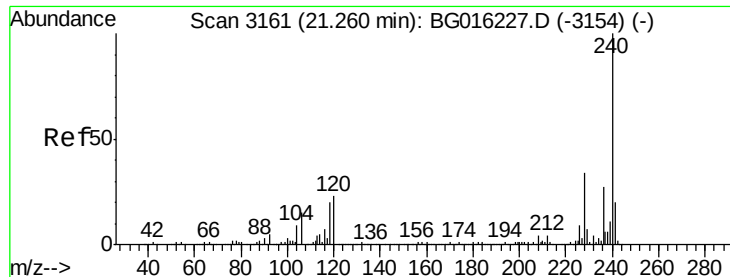
Tot Ion:149 Resp: 3965
Ion Ratio Lower Upper
149 100
150 10.2 8.2 12.4
104 5.5 4.0 6.0



#74
Fluoranthene
Concen: 0.41 ng
RT: 19.14 min Scan# 2800
Delta R.T. -0.00 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

Tgt Ion:202 Resp: 9830
Ion Ratio Lower Upper
202 100
101 15.1 1.7 41.7
203 16.4 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

Instrument :

BNA_G

ClientSampleId :

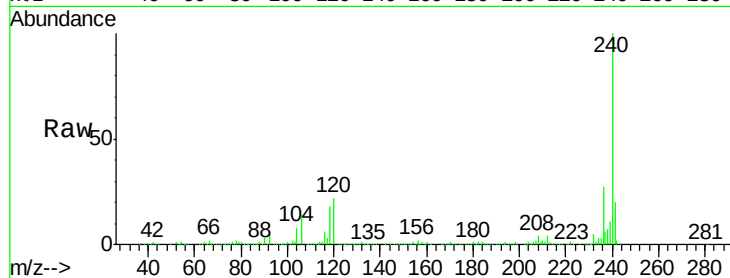
Tot Ion:240 Resp: 390042

Ion Ratio Lower Upper

240 100

120 21.9 18.6 28.0

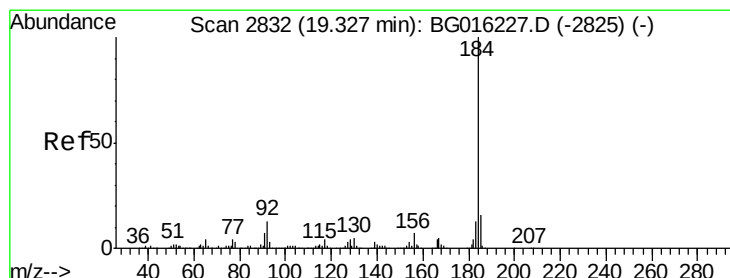
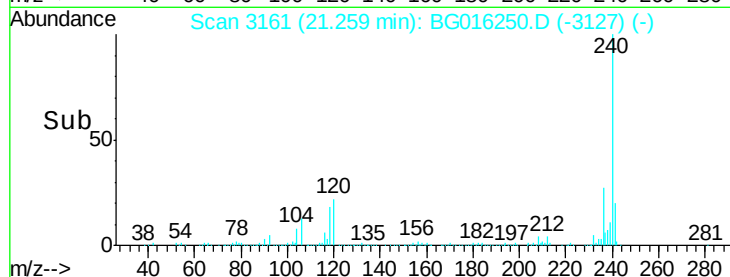
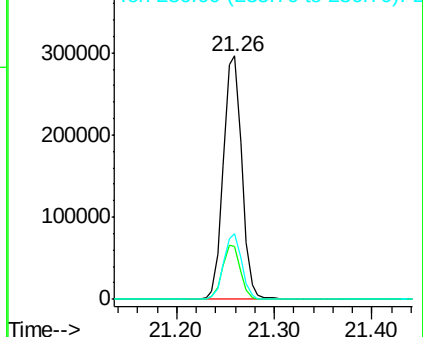
236 27.1 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.01 ng

RT: 19.32 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

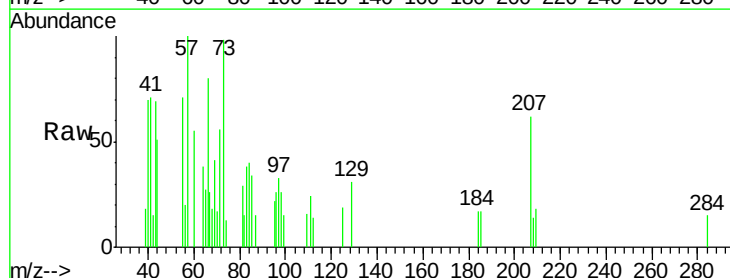
Tgt Ion:184 Resp: 125

Ion Ratio Lower Upper

184 100

185 99.5 12.6 19.0#

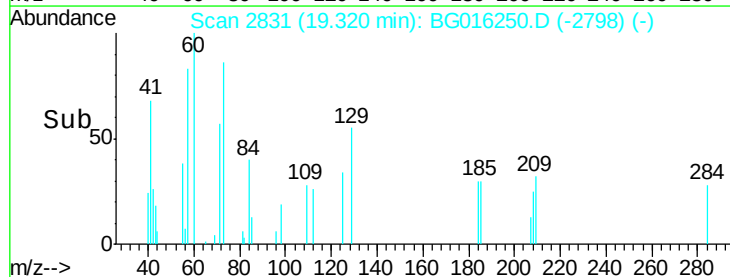
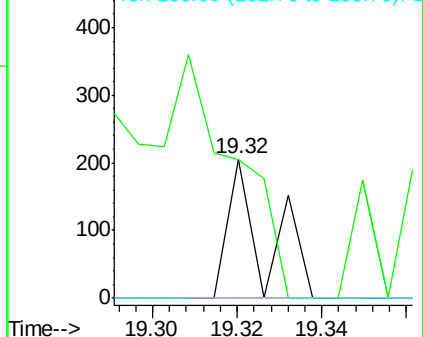
183 0.0 10.4 15.6#

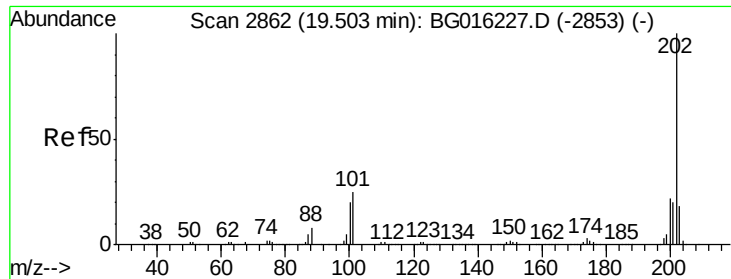


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.30 ng

RT: 19.50 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

Instrument :

BNA_G

ClientSampleId :

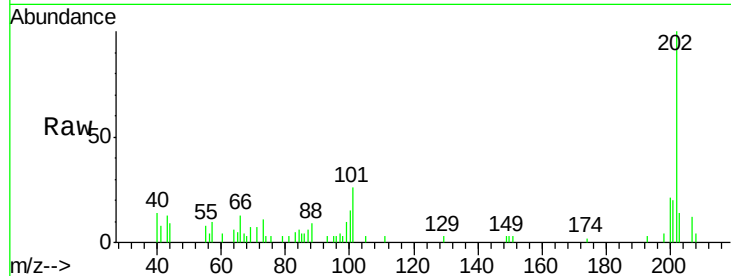
Tot Ion:202 Resp: 8017

Ion Ratio Lower Upper

202 100

200 21.1 17.8 26.8

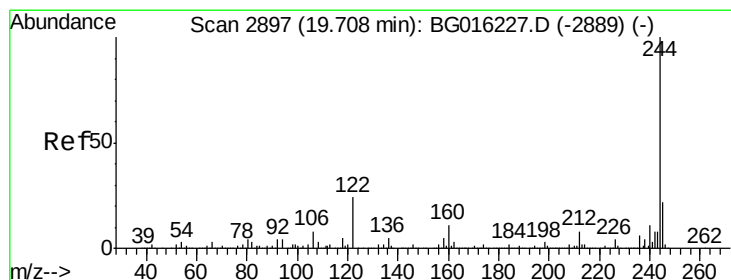
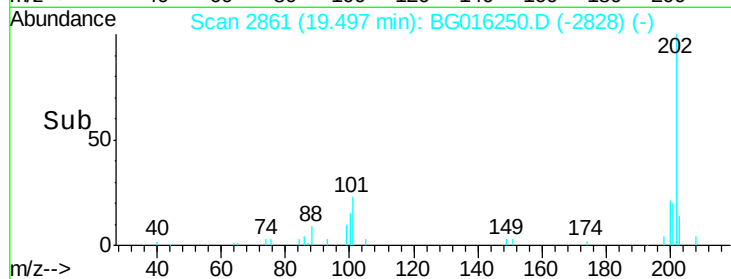
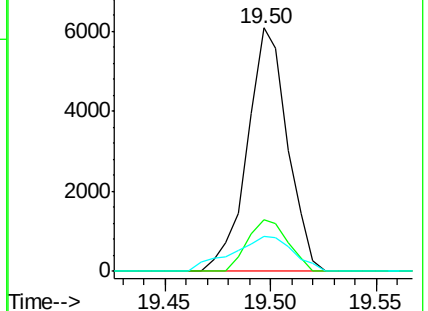
203 14.2 14.7 22.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.26 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

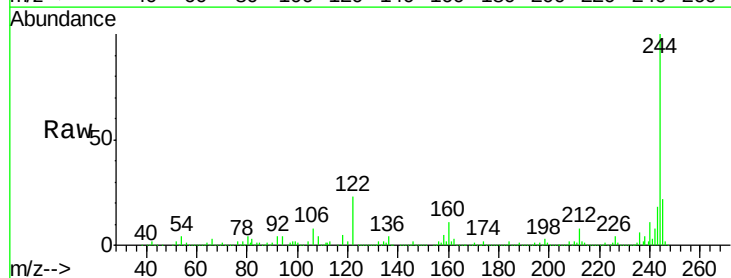
Tgt Ion:244 Resp: 1170875

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

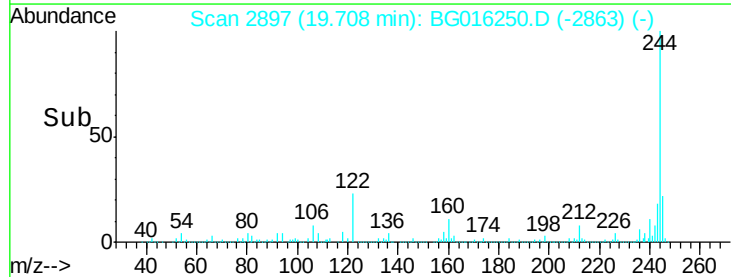
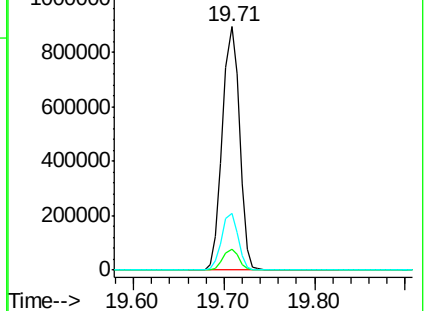
122 23.4 19.1 28.7

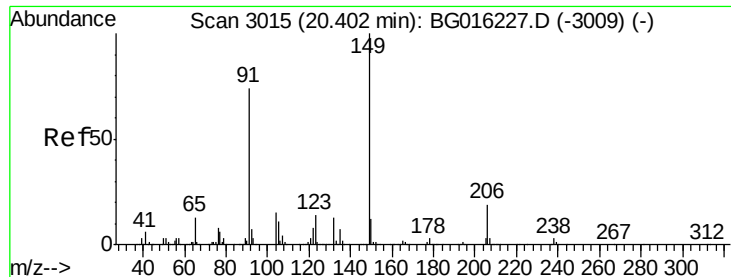


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

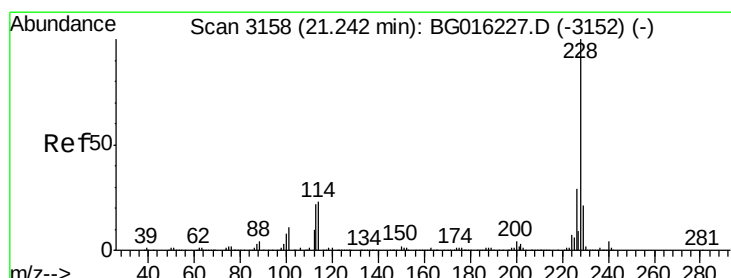
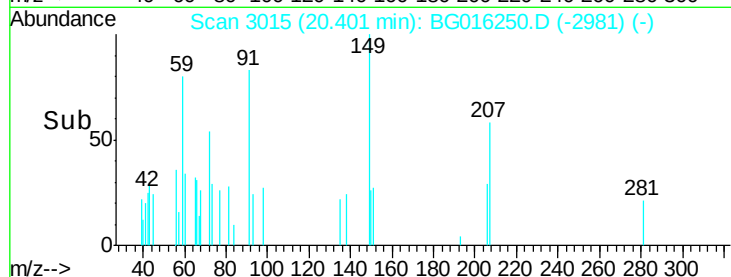
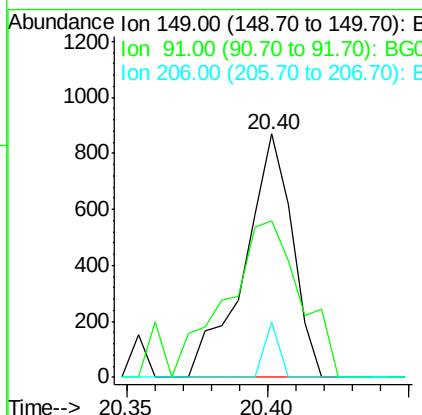
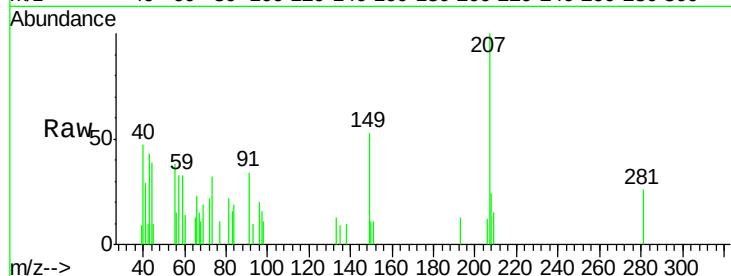




#79
Butylbenzylphthalate
Concen: 0.08 ng
RT: 20.40 min Scan# 3015
Delta R.T. -0.00 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

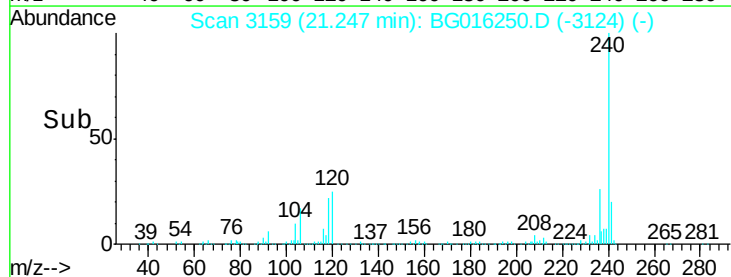
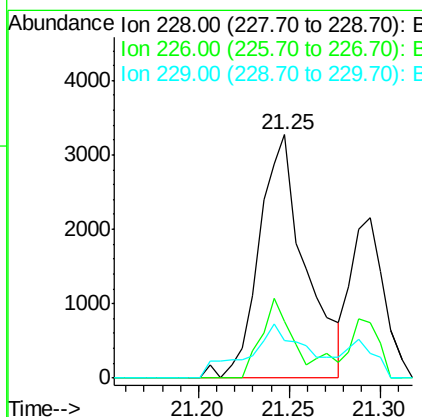
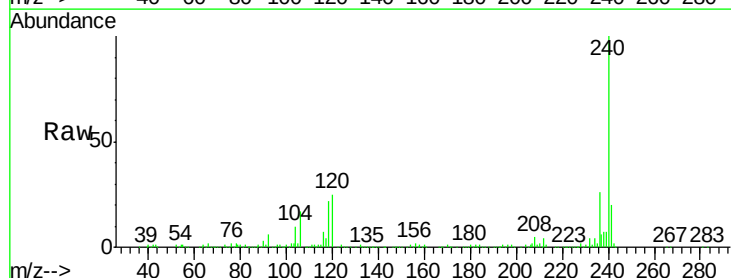
Instrument :
BNA_G
ClientSampleId :

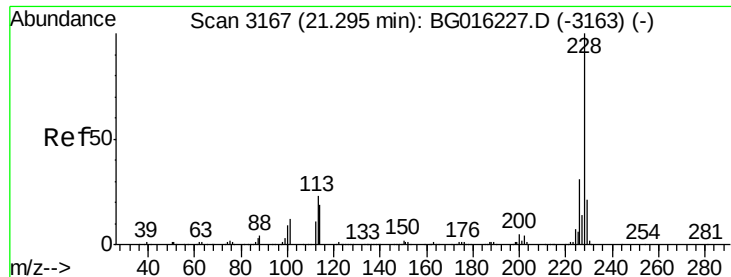
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.4	59.4	89.2
206	23.0	15.6	23.4



#80
Benzo(a)anthracene
Concen: 0.25 ng
RT: 21.25 min Scan# 3159
Delta R.T. 0.01 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	23.5	23.5	35.3#
229	15.2	16.8	25.2#

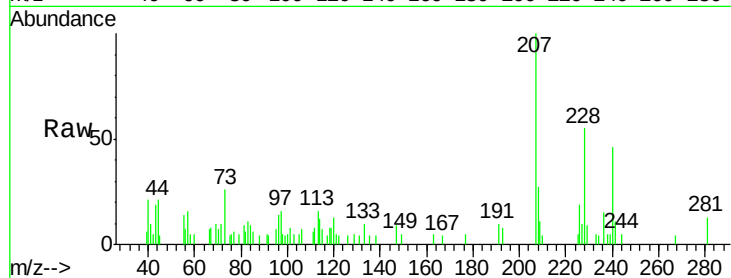




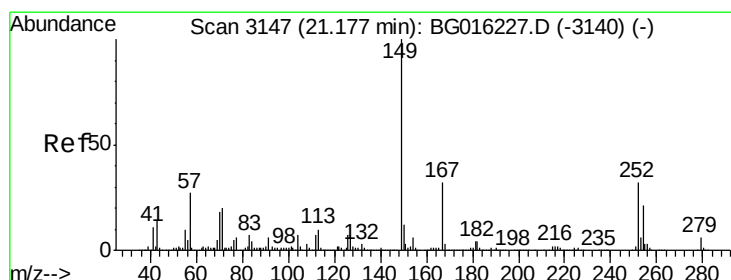
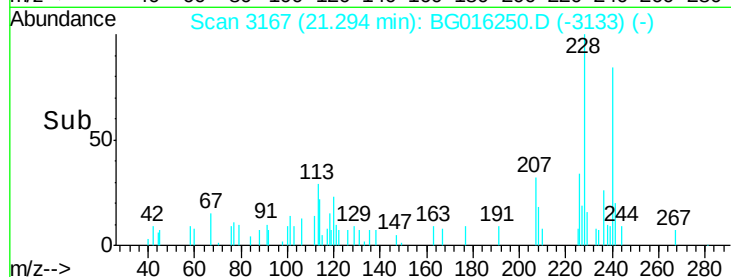
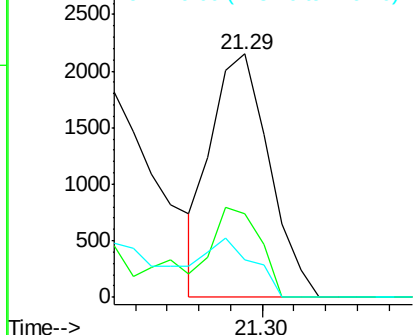
#82
Chrysene
Concen: 0.12 ng
RT: 21.29 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:228 Resp: 2723
Ion Ratio Lower Upper
228 100
226 34.3 25.0 37.4
229 15.6 17.0 25.4#

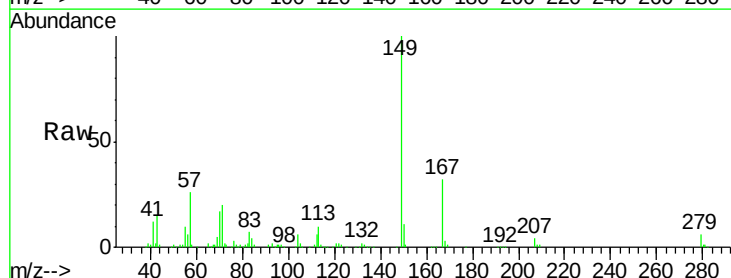


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

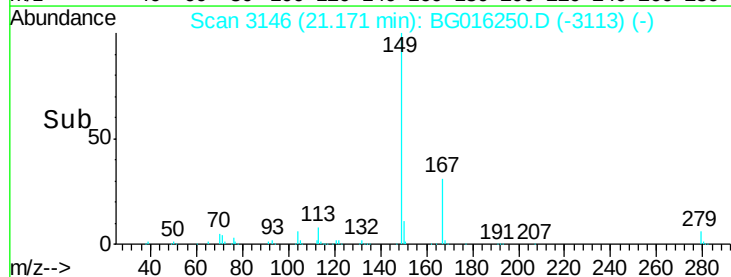
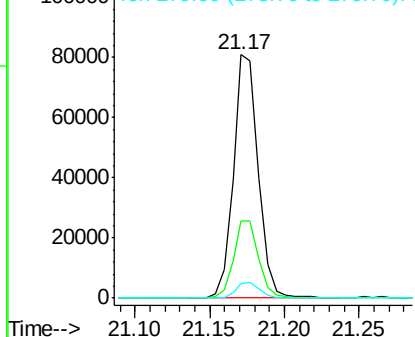


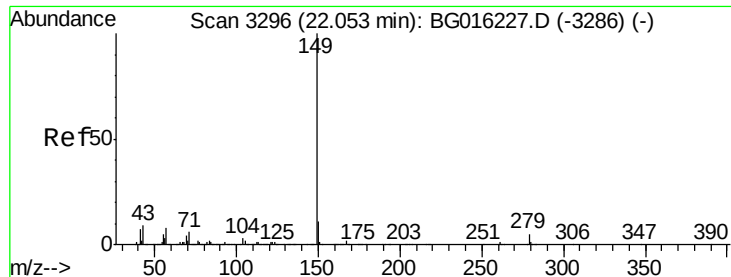
#83
Bis(2-ethylhexyl)phthalate
Concen: 5.20 ng
RT: 21.17 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

Tgt Ion:149 Resp: 93959
Ion Ratio Lower Upper
149 100
167 31.8 25.8 38.6
279 5.7 4.7 7.1



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

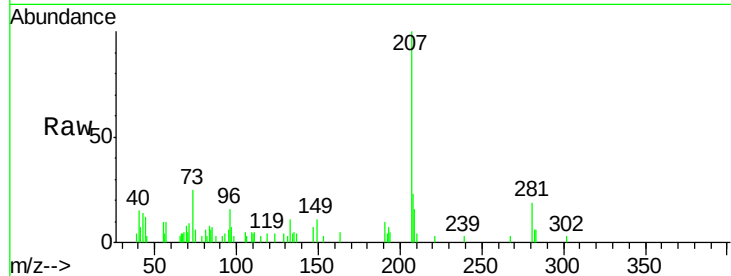




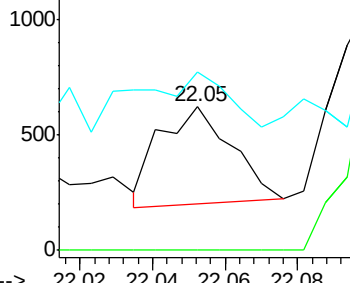
#84
Di-n-octyl phthalate
Concen: 0.02 ng
RT: 22.05 min Scan# 3296
Delta R.T. -0.00 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

Instrument :
BNA_G
ClientSampleId :

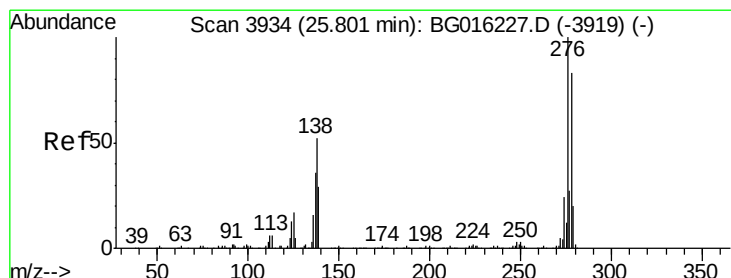
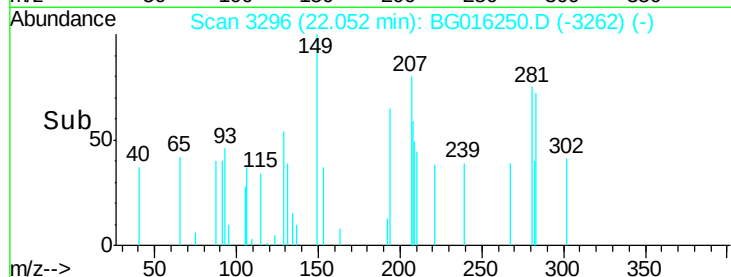
Tot Ion:149 Resp: 578
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 77.3 7.0 10.4#



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): BGC

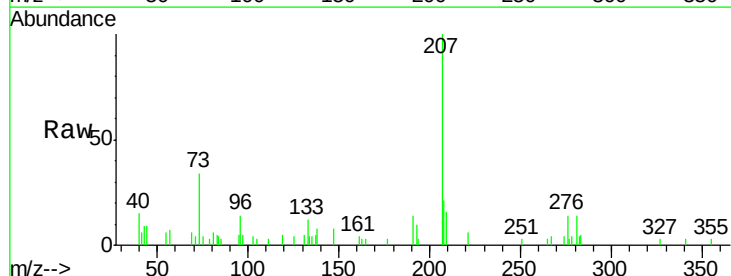


Time-->

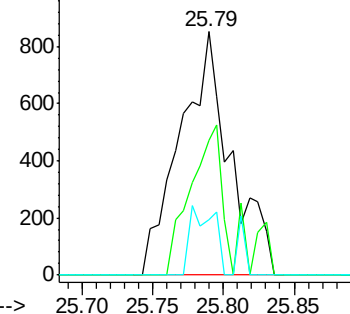


#85
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng
RT: 25.79 min Scan# 3932
Delta R.T. -0.01 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

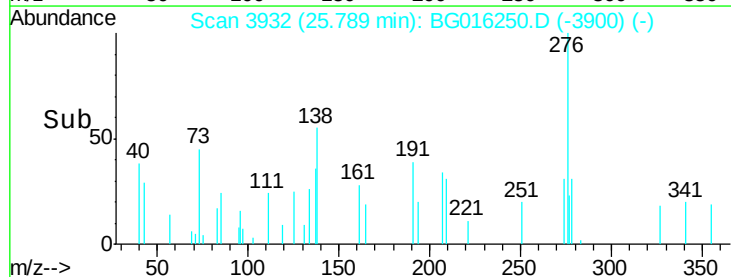
Tgt Ion:276 Resp: 2130
Ion Ratio Lower Upper
276 100
138 38.3 41.5 62.3#
277 13.7 21.0 31.6#

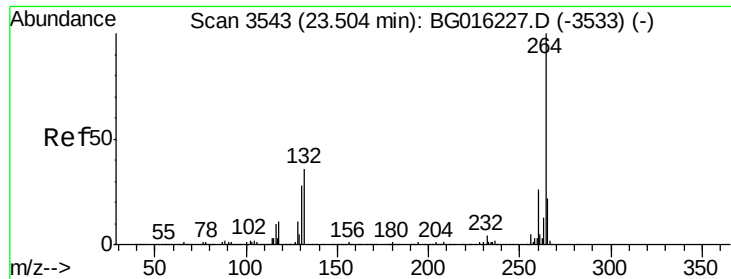


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->



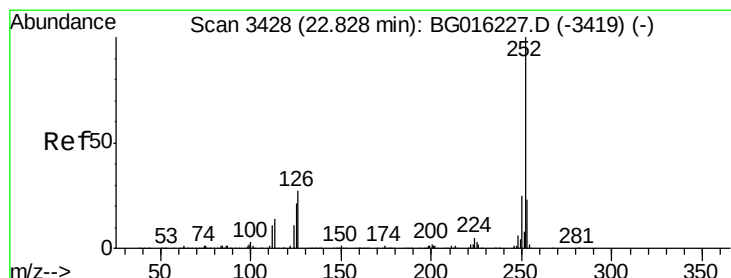
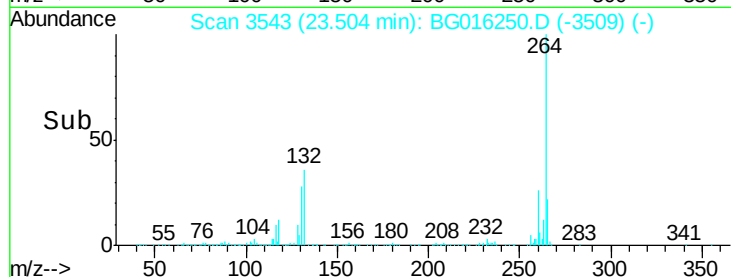
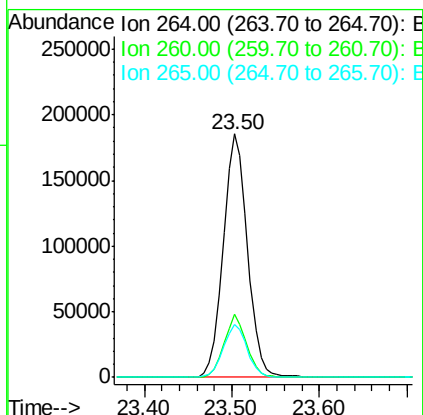
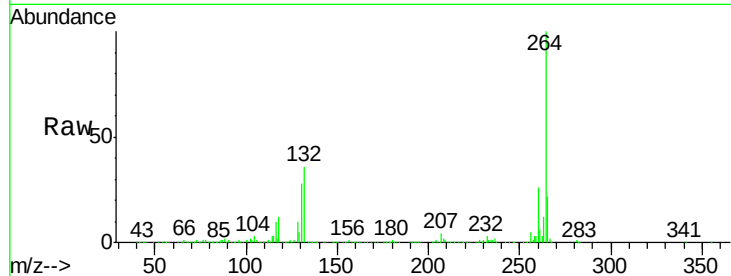


#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.50 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 352746

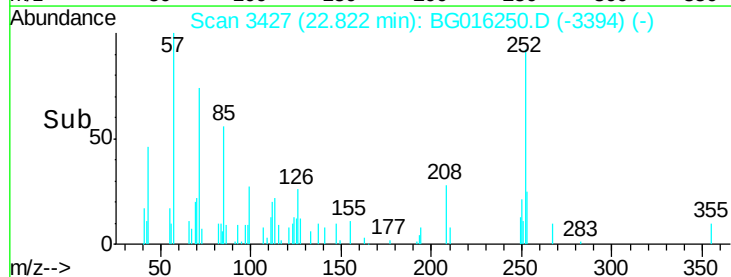
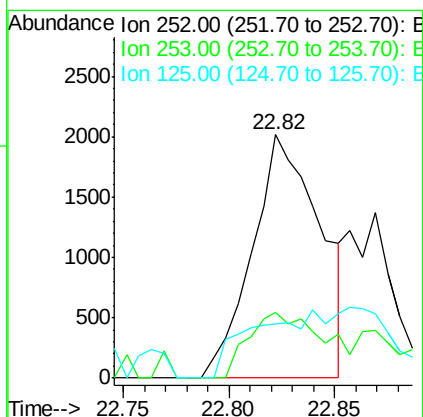
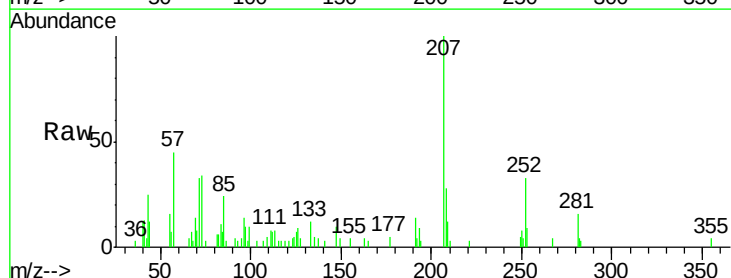
Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.4	30.6
265	21.8	17.2	25.8

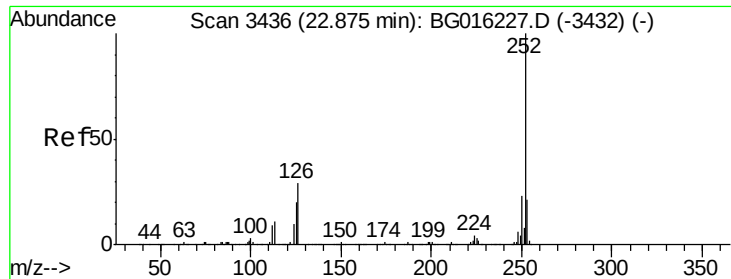


#87
Benzo(b)fluoranthene
Concen: 0.22 ng
RT: 22.82 min Scan# 3427
Delta R.T. -0.01 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

Tgt Ion:252 Resp: 4491

Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.5	27.7
125	22.3	17.0	25.6

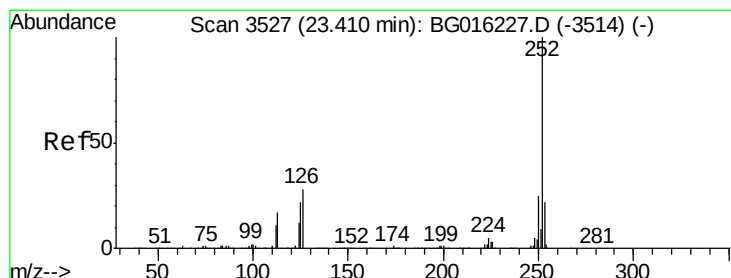
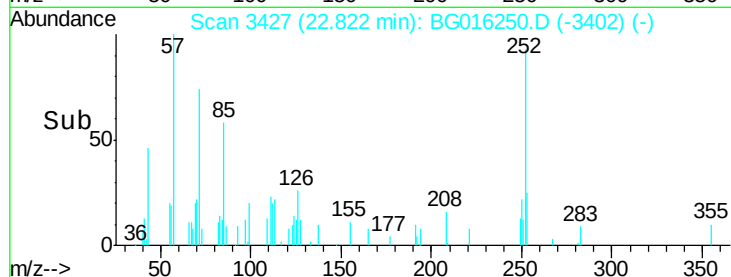
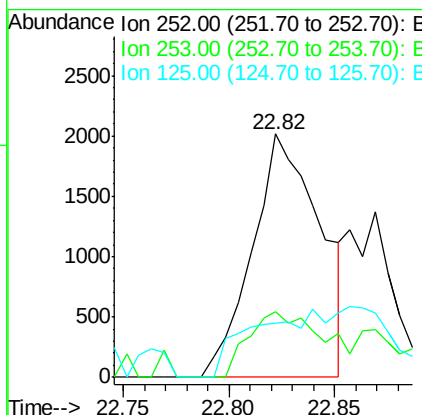
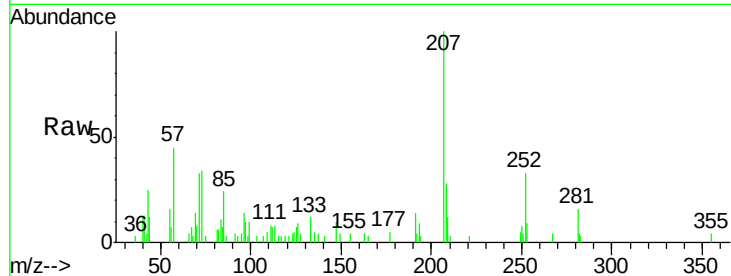




#88
Benzo(k)fluoranthene
Concen: 0.22 ng
RT: 22.82 min Scan# 3427
Delta R.T. -0.05 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

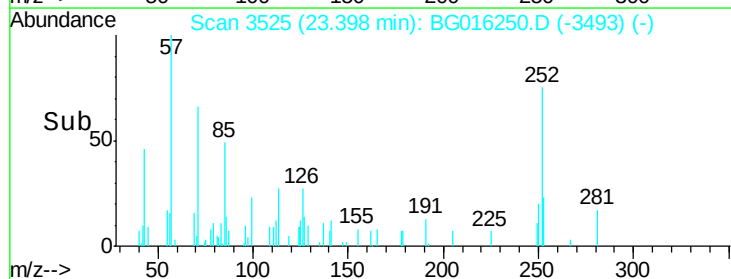
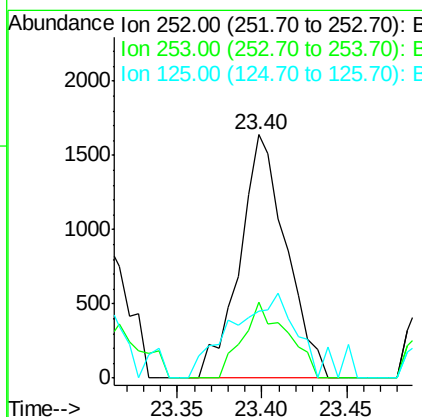
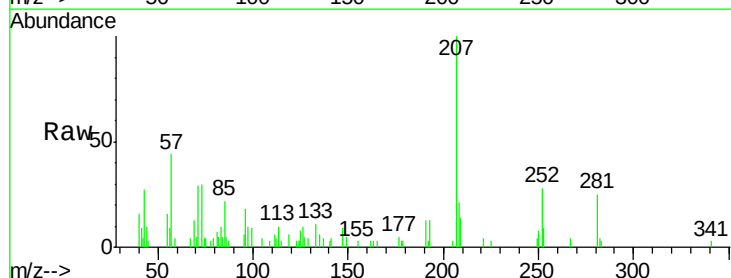
Instrument :
BNA_G
ClientSampled :

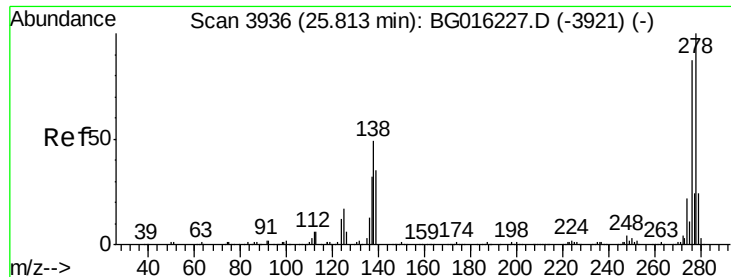
Tot Ion:252 Resp: 4491
Ion Ratio Lower Upper
252 100
253 27.2 17.5 26.3#
125 22.3 16.3 24.5



#89
Benzo(a)pyrene
Concen: 0.16 ng
RT: 23.40 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

Tgt Ion:252 Resp: 3143
Ion Ratio Lower Upper
252 100
253 31.4 17.6 26.4#
125 27.7 17.6 26.4#





#90

Dibenzo(a,h)anthracene

Concen: 0.01 ng

RT: 25.82 min Scan# 3938

Delta R.T. 0.01 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

Instrument :

BNA_G

ClientSampled :

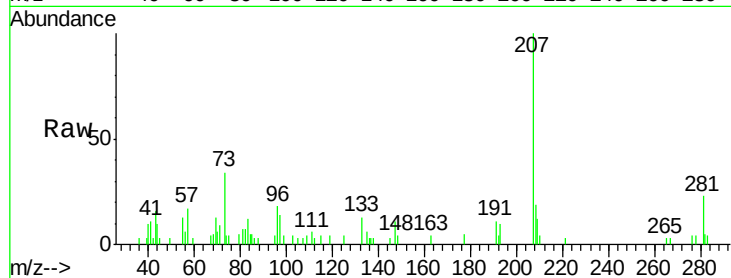
Tot Ion:278 Resp: 141

Ion Ratio Lower Upper

278 100

139 0.0 27.9 41.9#

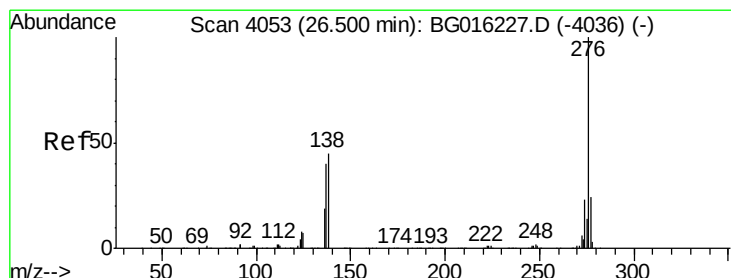
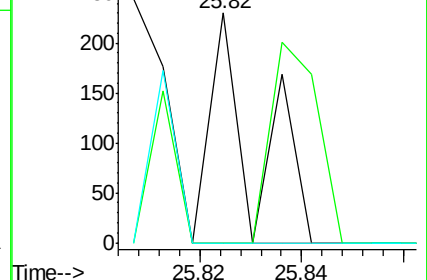
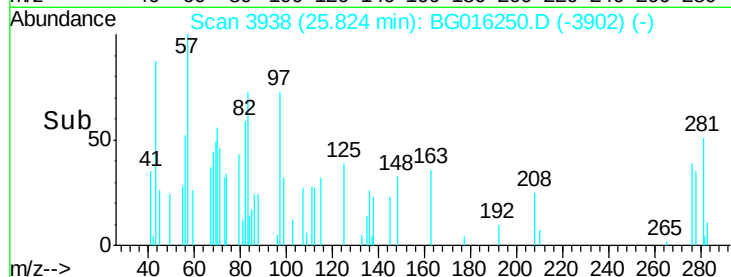
279 0.0 19.5 29.3#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.11 ng

RT: 26.50 min Scan# 4053

Delta R.T. -0.00 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

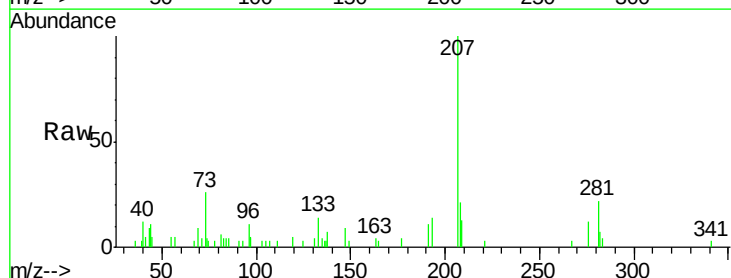
Tgt Ion:276 Resp: 2027

Ion Ratio Lower Upper

276 100

277 0.0 19.5 29.3#

138 53.1 35.7 53.5



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

