

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040615\
 Data File : BG016245.D
 Acq On : 7 Apr 2015 8:29
 Operator : TP/IZ
 Sample : G1756-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 07 14:05:15 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	69886	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	312111	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	186610	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	419989	20.00	ng	0.00
75) Chrysene-d12	21.25	240	393333	20.00	ng	0.00
86) Perylene-d12	23.50	264	306764	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	592419	133.78	ng	0.00
7) Phenol-d6	6.87	99	796101	119.76	ng	0.00
23) Nitrobenzene-d5	8.85	82	472250	87.65	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	195027	154.53	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	999161	91.16	ng	0.00
78) Terphenyl-d14	19.71	244	1322990	78.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	130	0.06	ng	# 58
4) n-Nitrosodimethylamine	3.46	42	182	0.10	ng	# 1
8) 2-Chlorophenol	7.26	128	61	0.01	ng	# 8
9) Benzaldehyde	6.87	77	1613	0.41	ng	# 1
11) bis(2-Chloroethyl)ether	7.23	93	855	0.15	ng	# 1
15) Benzyl Alcohol	8.01	79	7057	1.52	ng	# 41
16) 2,2'-oxybis(1-Chloropropan	8.22	45	266	0.04	ng	# 66
18) Hexachloroethane	8.80	117	54	0.03	ng	# 1
22) Acetophenone	8.51	105	1068	0.15	ng	# 57
24) Nitrobenzene	8.85	77	1451	0.25	ng	# 37
25) Isophorone	9.41	82	54	0.00	ng	# 62
31) Naphthalene	10.53	128	52051	3.20	ng	# 99
32) Benzoic acid	9.84	122	58	8.75	ng	# 1
33) 4-Chloroaniline	10.53	127	6611	0.87	ng	# 28
35) Caprolactam	11.30	113	2056	0.82	ng	# 1
37) 2-Methylnaphthalene	12.15	142	11180	0.96	ng	# 99
45) 1,1'-Biphenyl	13.17	154	1968	0.14	ng	# 89
48) Acenaphthylene	14.06	152	53	0.00	ng	# 60
51) Acenaphthene	14.40	154	1131	0.10	ng	# 91
54) Dibenzofuran	14.74	168	791	0.05	ng	# 65
57) Fluorene	15.39	166	1905	0.13	ng	# 80
59) Diethylphthalate	15.16	149	1025	0.07	ng	# 94
62) Azobenzene	15.67	77	66	0.00	ng	# 53
70) Phenanthrene	17.12	178	3556	0.15	ng	# 95
71) Anthracene	17.12	178	3556	0.15	ng	# 96
72) Carbazole	17.48	167	87	0.00	ng	# 58
73) Di-n-butylphthalate	18.05	149	5666	0.20	ng	# 97
74) Fluoranthene	19.14	202	335	0.01	ng	# 56
77) Pyrene	19.50	202	336	0.01	ng	# 56
79) Butylbenzylphthalate	20.40	149	1557	0.12	ng	# 98
80) Benzo(a)anthracene	21.25	228	1241	0.05	ng	# 65
82) Chrysene	21.29	228	263	0.01	ng	# 48
83) Bis(2-ethylhexyl)phthalate	21.17	149	1067	0.06	ng	# 79
84) Di-n-octyl phthalate	22.05	149	456	0.02	ng	# 24

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QLast Update : Tue Apr 07 04:17:17 2015
Response via : Initial Calibration

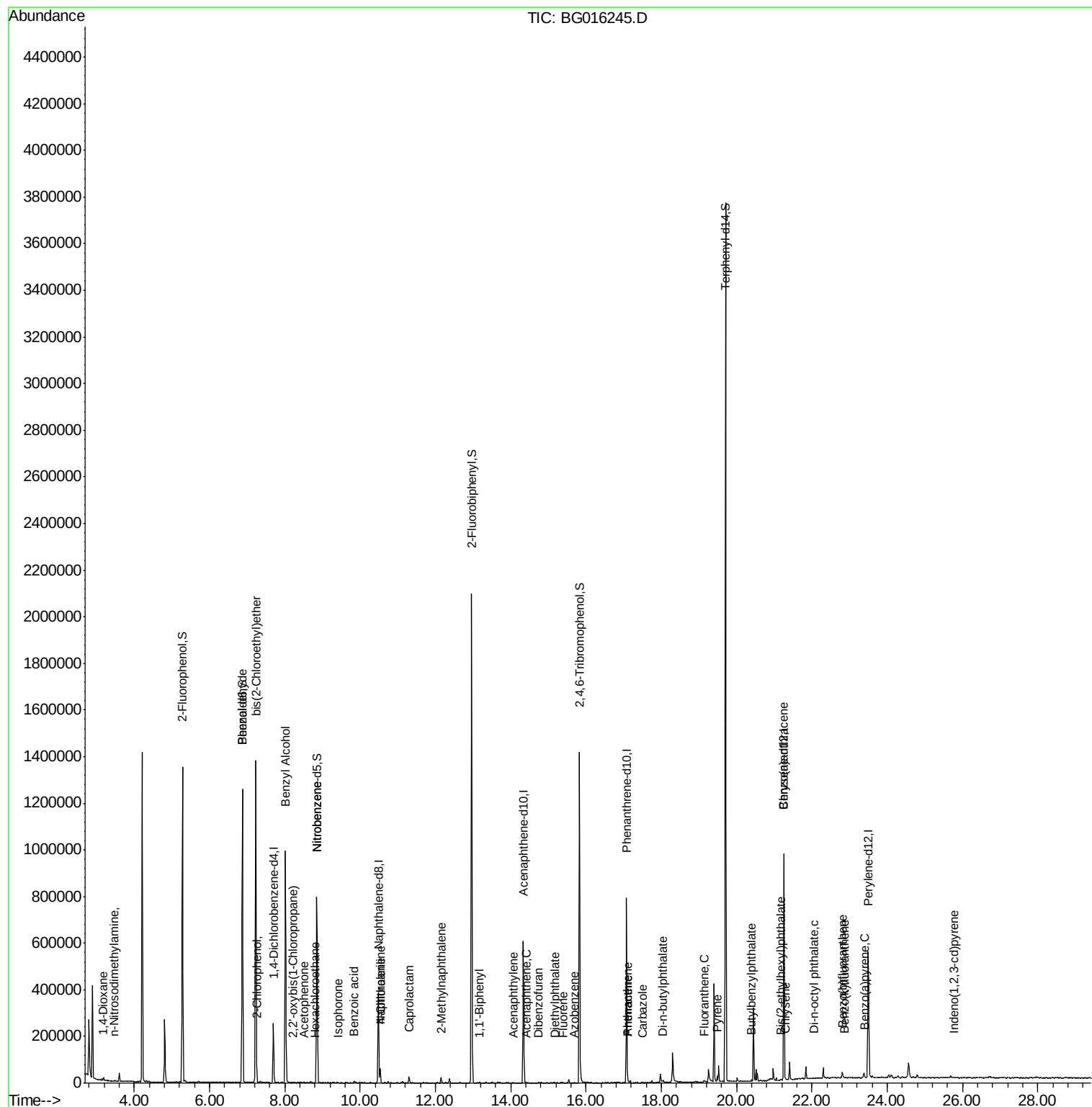
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Indeno(1,2,3-cd)pyrene	25.77	276	59	0.00	nq	# 34
87) Benzo(b)fluoranthene	22.82	252	351	0.02	nq	# 54
88) Benzo(k)fluoranthene	22.87	252	250	0.01	nq	# 55
89) Benzo(a)pyrene	23.40	252	54	0.00	nq	# 1

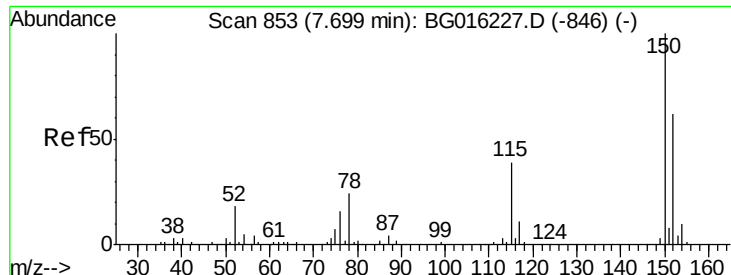
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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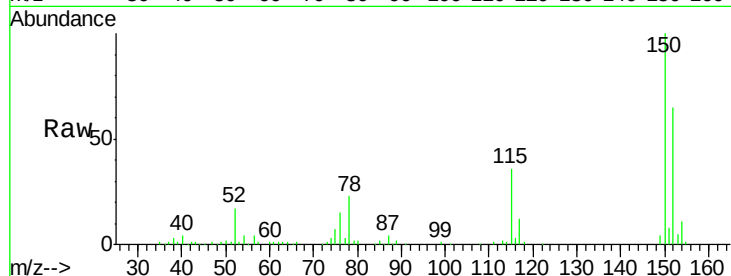


#1

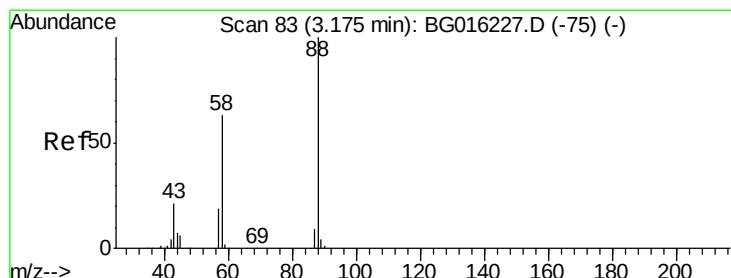
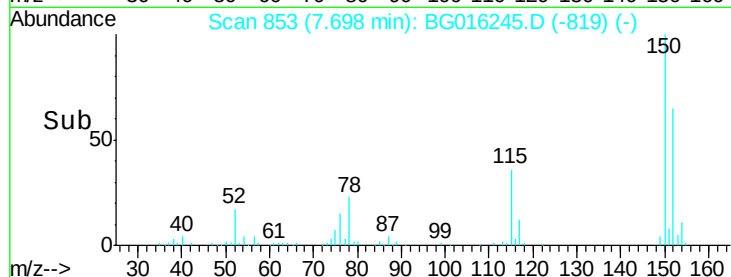
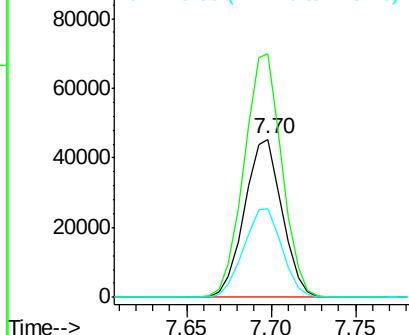
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG016245.D
Acq: 7 Apr 2015 8:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 69886
Ion Ratio Lower Upper
152 100
150 154.0 130.1 195.1
115 56.0 50.5 75.7



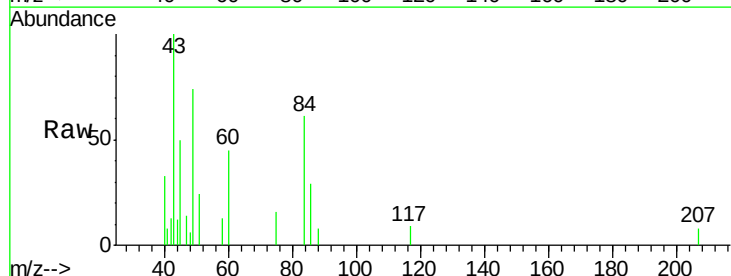
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



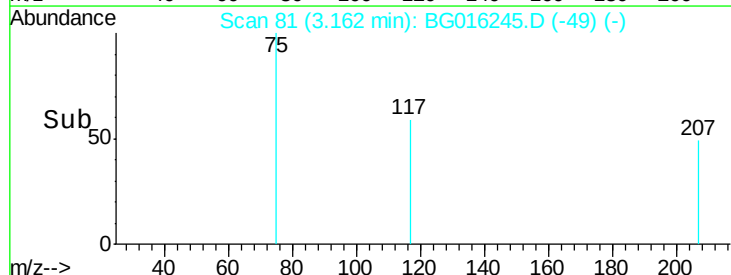
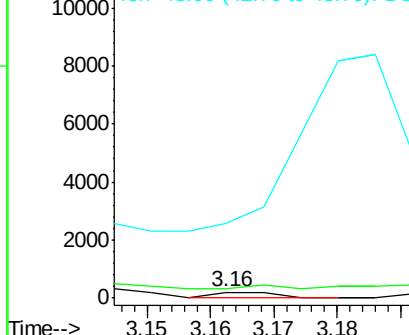
#2

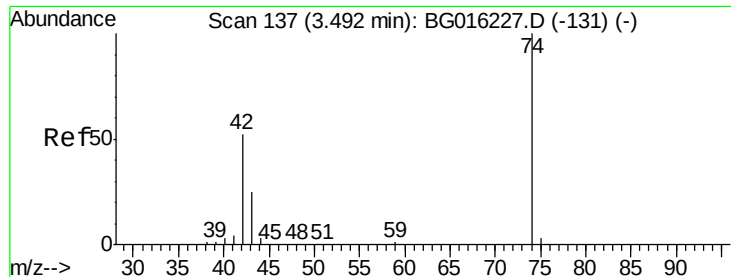
1,4-Dioxane
Concen: 0.06 ng
RT: 3.16 min Scan# 81
Delta R.T. -0.01 min
Lab File: BG016245.D
Acq: 7 Apr 2015 8:29

Tgt Ion: 88 Resp: 130
Ion Ratio Lower Upper
88 100
58 31.5 50.6 76.0#
43 0.0 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



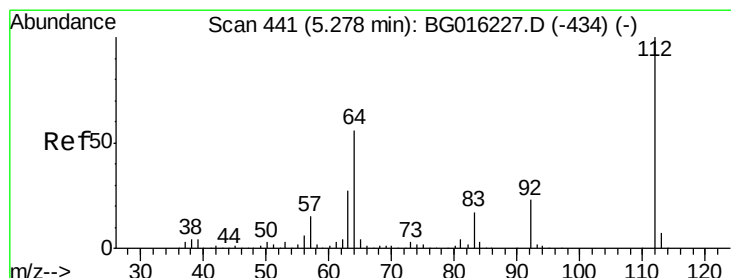
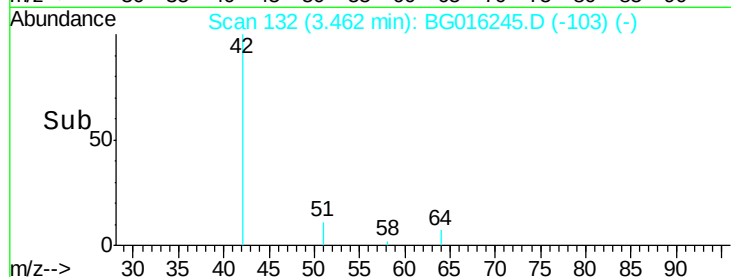
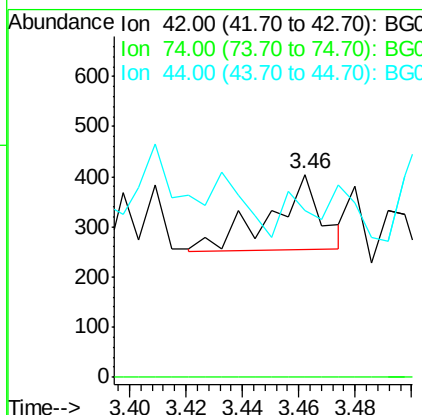
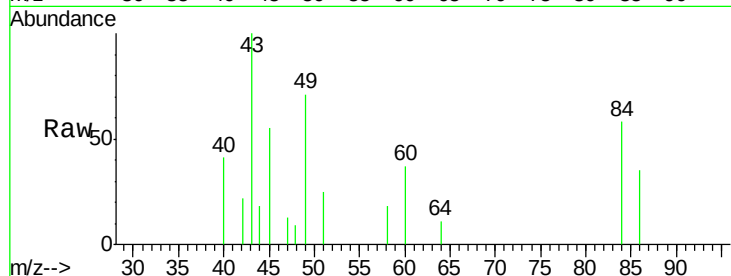


#4

n-Nitrosodimethylamine
 Concen: 0.10 ng
 RT: 3.46 min Scan# 132
 Delta R.T. -0.03 min
 Lab File: BG016245.D
 Acq: 7 Apr 2015 8:29

Instrument :
 BNA_G
 ClientSampled :

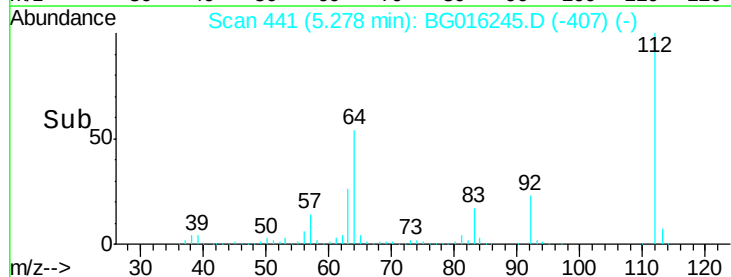
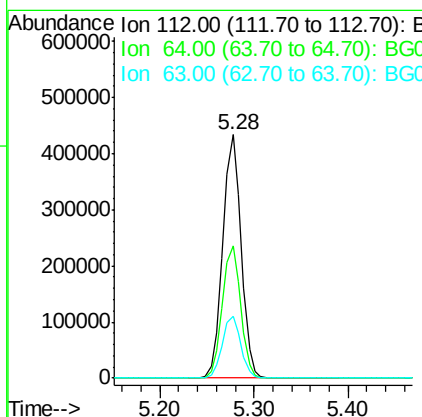
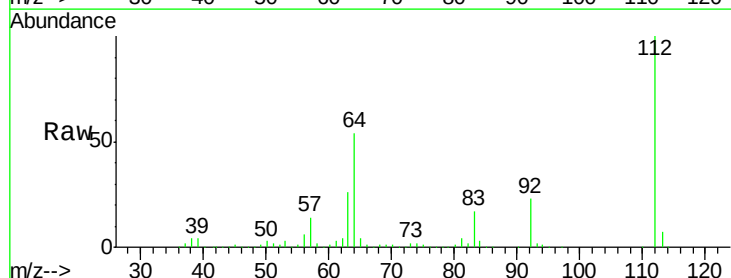
Tot Ion: 42 Resp: 182
 Ion Ratio Lower Upper
 42 100
 74 0.0 153.7 230.5#
 44 82.0 5.3 7.9#

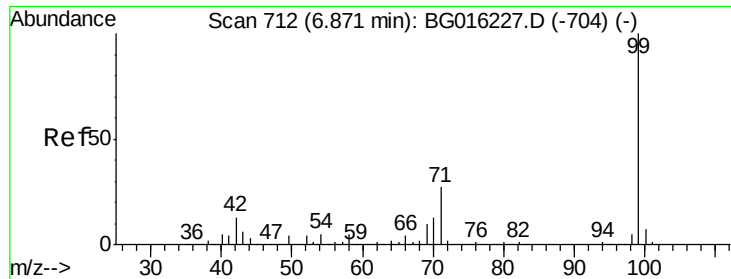


#5

2-Fluorophenol
 Concen: 133.78 ng
 RT: 5.28 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: BG016245.D
 Acq: 7 Apr 2015 8:29

Tgt Ion: 112 Resp: 592419
 Ion Ratio Lower Upper
 112 100
 64 54.5 44.5 66.7
 63 25.5 21.4 32.0





#7

Phenol-d6

Concen: 119.76 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG016245.D

Acq: 7 Apr 2015 8:29

Instrument :

BNA_G

ClientSampleId :

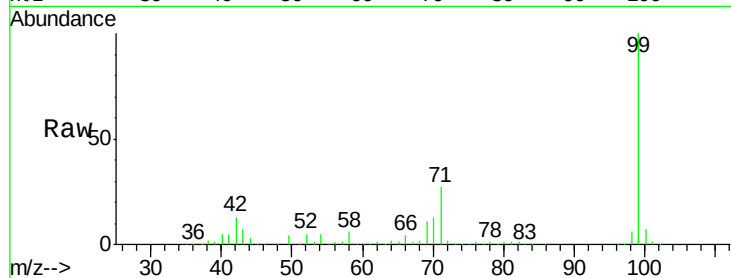
Tot Ion: 99 Resp: 796101

Ion Ratio Lower Upper

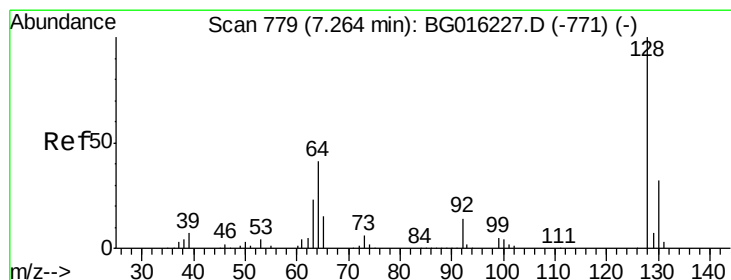
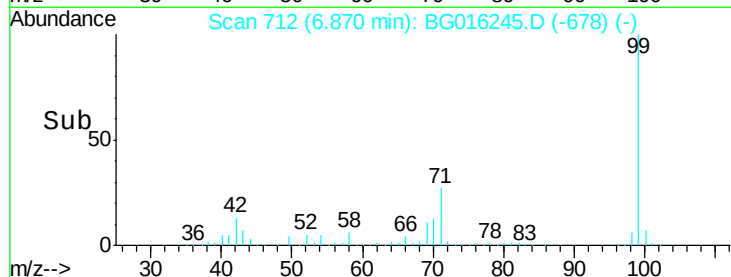
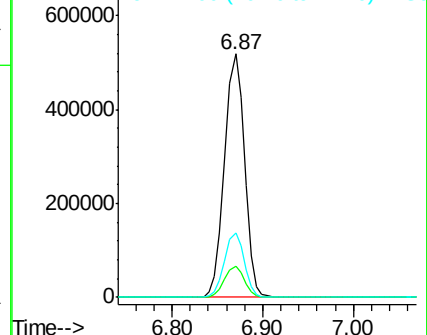
99 100

42 12.7 10.0 15.0

71 26.6 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: 0.01 ng

RT: 7.26 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG016245.D

Acq: 7 Apr 2015 8:29

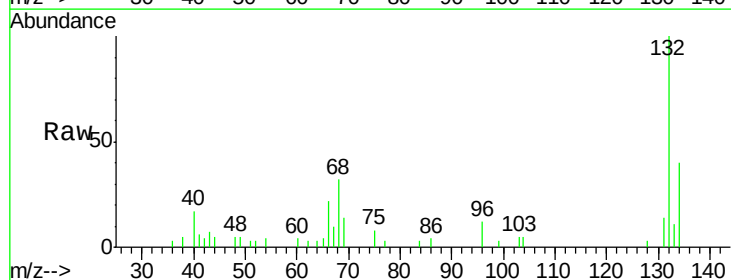
Tgt Ion: 128 Resp: 61

Ion Ratio Lower Upper

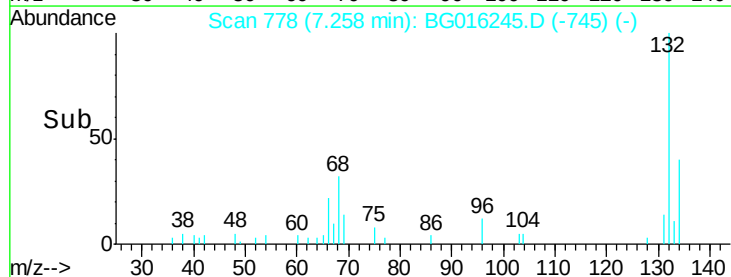
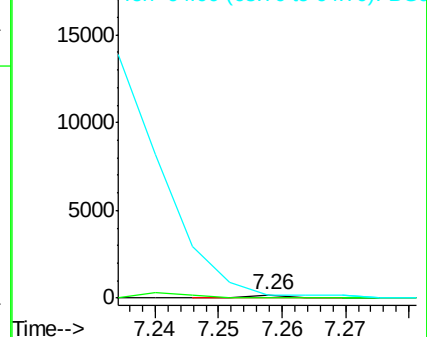
128 100

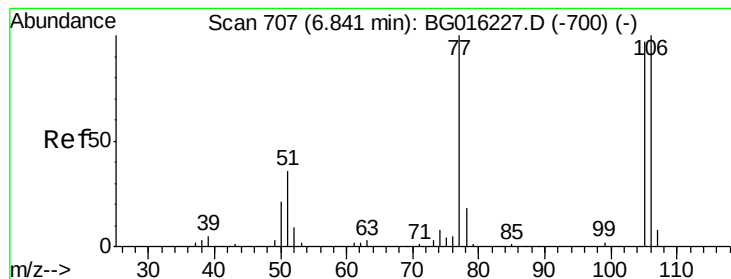
130 0.0 11.6 51.6#

64 119.8 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

Benzaldehyd

Concen: 0.41 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.03 min

Lab File: BG016245.D

Acq: 7 Apr 2015 8:29

Instrument :

BNA_G

ClientSampled :

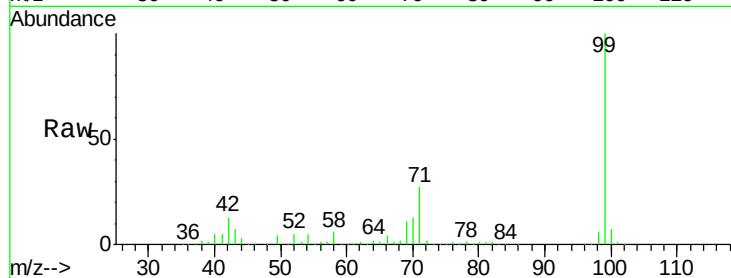
Tot Ion: 77 Resp: 1613

Ion Ratio Lower Upper

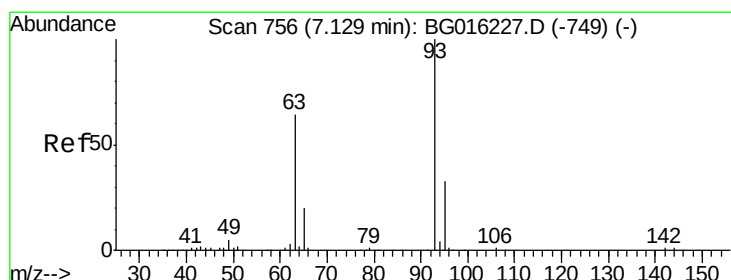
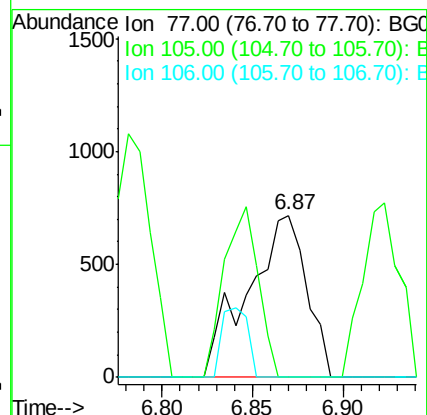
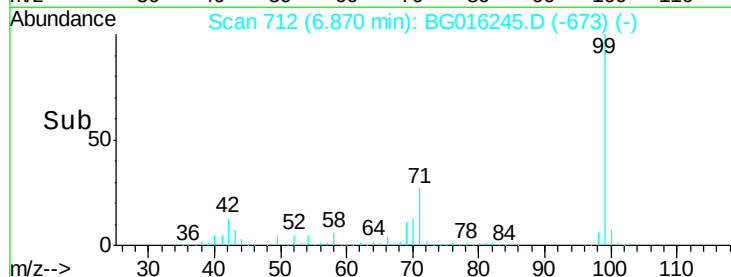
77 100

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



#11

bis(2-Chloroethyl)ether

Concen: 0.15 ng

RT: 7.23 min Scan# 774

Delta R.T. 0.11 min

Lab File: BG016245.D

Acq: 7 Apr 2015 8:29

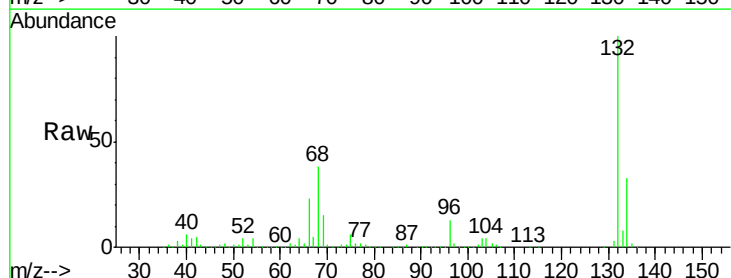
Tgt Ion: 93 Resp: 855

Ion Ratio Lower Upper

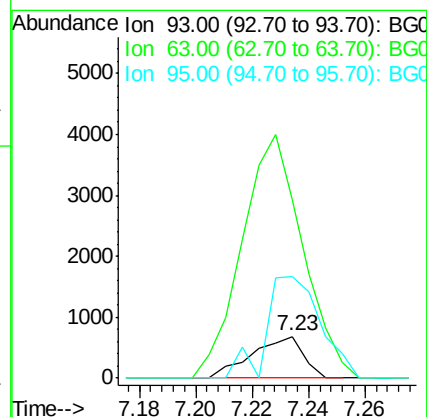
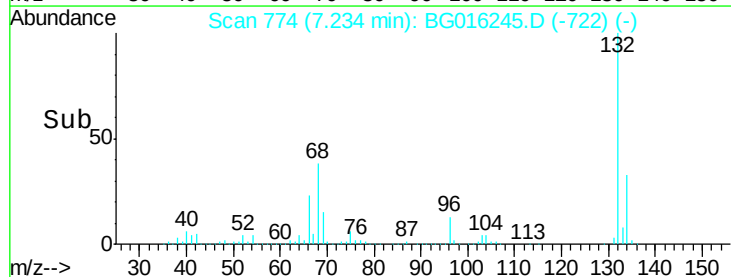
93 100

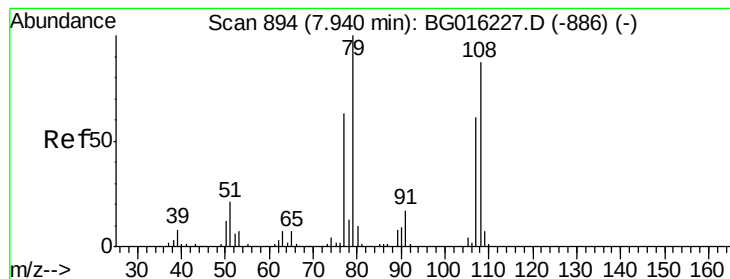
63 426.0 44.1 84.1#

95 243.5 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: 1.52 ng

RT: 8.01 min Scan# 906

Delta R.T. 0.07 min

Lab File: BG016245.D

Acq: 7 Apr 2015 8:29

Instrument :

BNA_G

ClientSampleId :

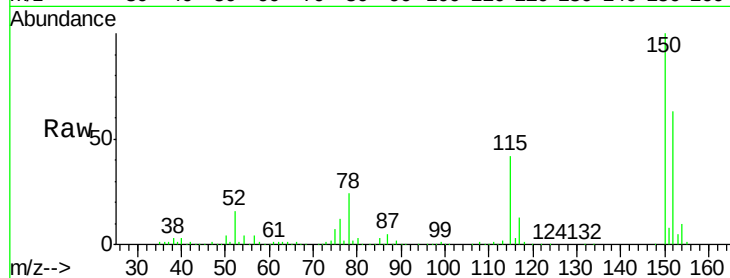
Tot Ion: 79 Resp: 7057

Ion Ratio Lower Upper

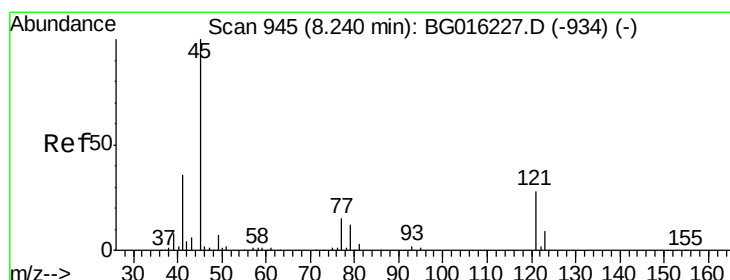
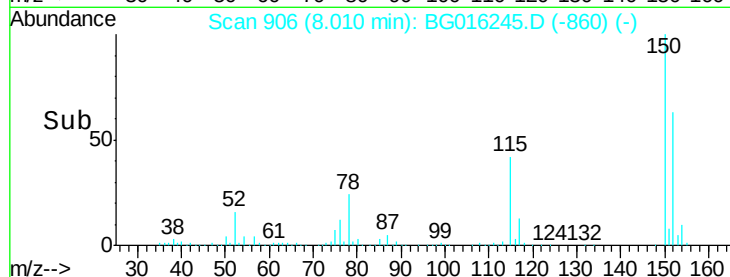
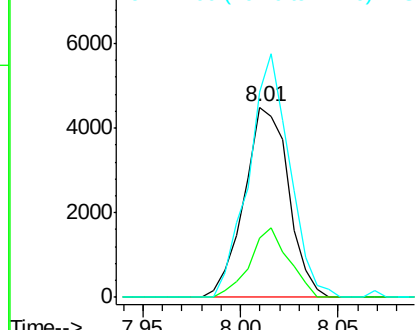
79 100

108 31.3 69.3 103.9#

77 108.0 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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.04 ng

RT: 8.22 min Scan# 942

Delta R.T. -0.02 min

Lab File: BG016245.D

Acq: 7 Apr 2015 8:29

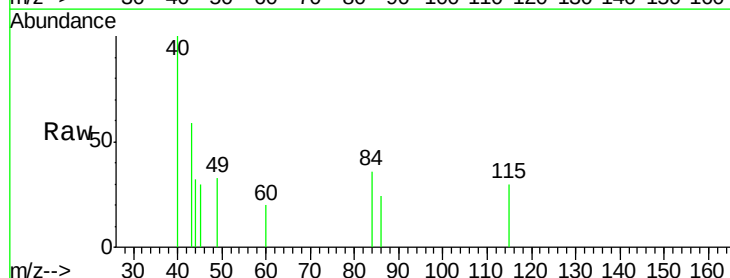
Tgt Ion: 45 Resp: 266

Ion Ratio Lower Upper

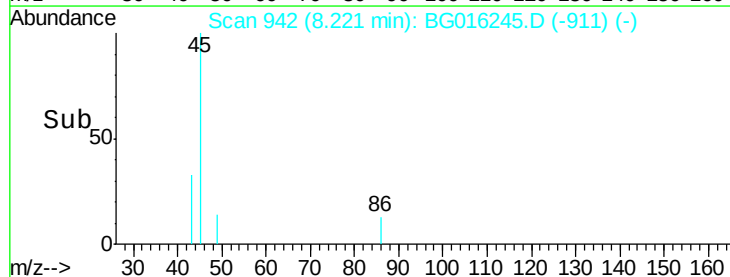
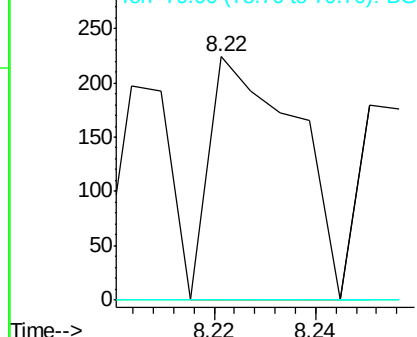
45 100

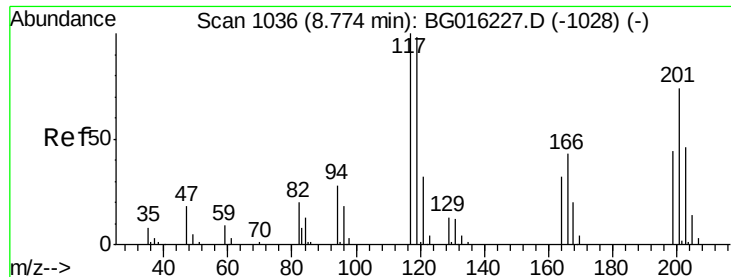
77 0.0 0.0 35.3

79 0.0 0.0 32.3



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

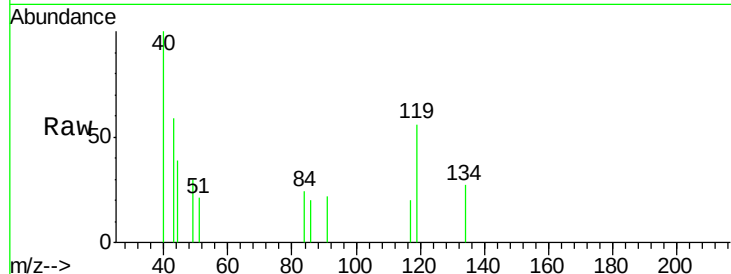




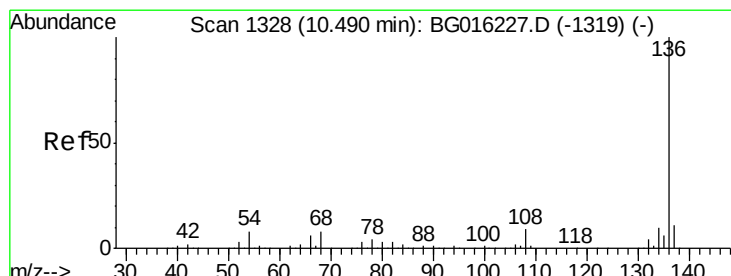
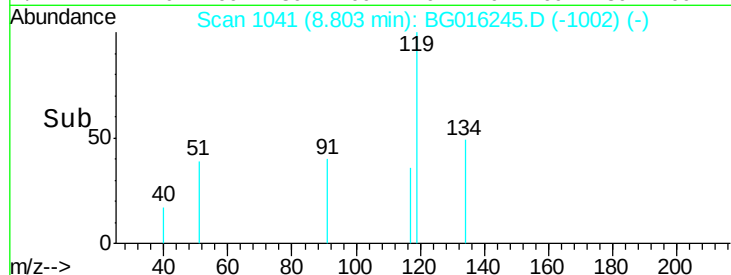
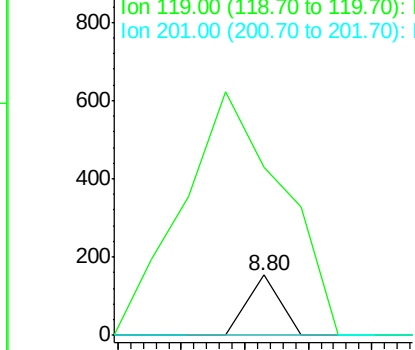
#18
Hexachloroethane
Concen: 0.03 ng
RT: 8.80 min Scan# 1041
Delta R.T. 0.03 min
Lab File: BG016245.D
Acq: 7 Apr 2015 8:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:117 Resp: 54
Ion Ratio Lower Upper
117 100
119 279.9 78.8 118.2#
201 0.0 59.0 88.4#

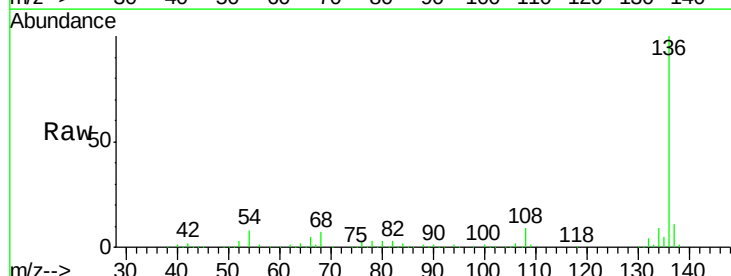


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

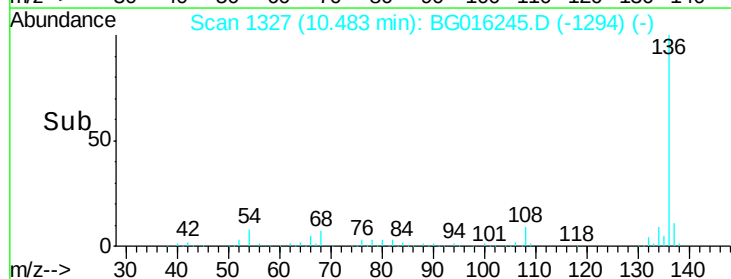
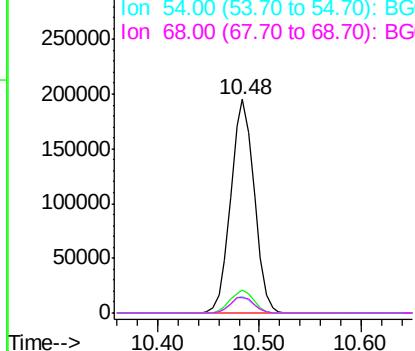


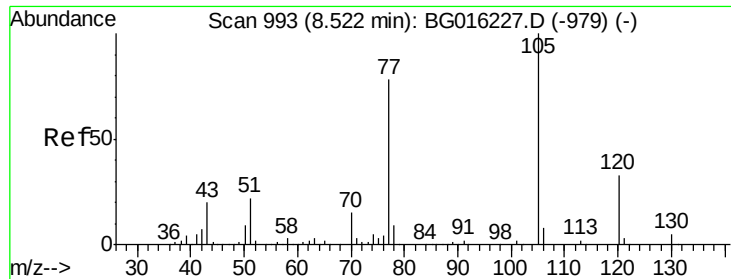
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG016245.D
Acq: 7 Apr 2015 8:29

Tgt Ion:136 Resp: 312111
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.6 6.3 9.5
68 7.3 6.5 9.7



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

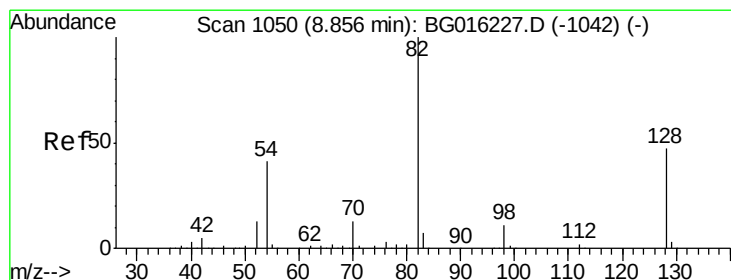
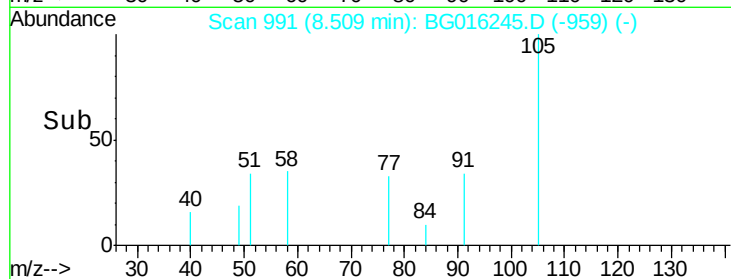
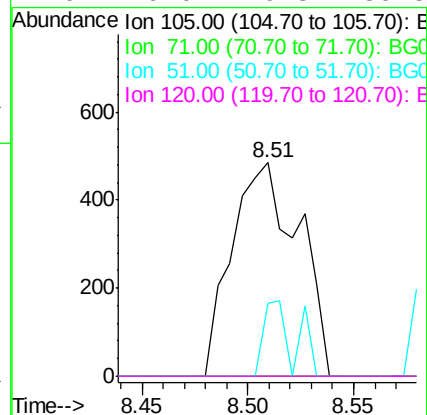
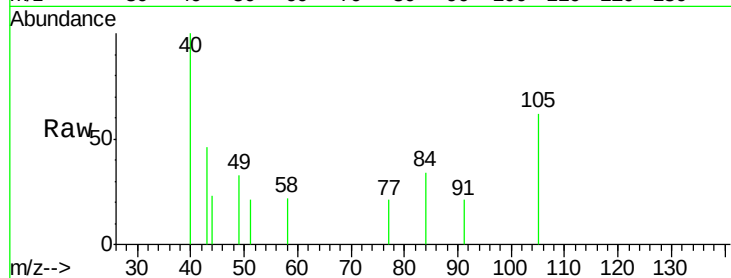




#22
 Acetophenone
 Concen: 0.15 ng
 RT: 8.51 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BG016245.D
 Acq: 7 Apr 2015 8:29

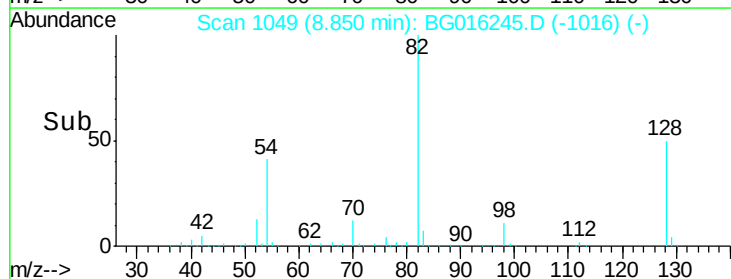
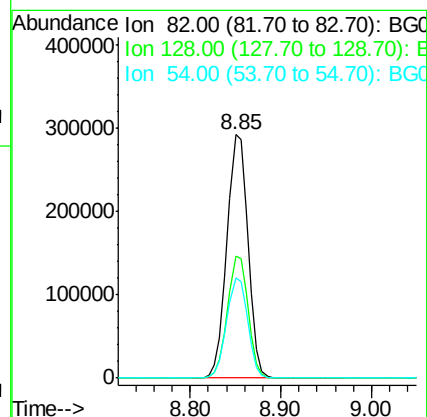
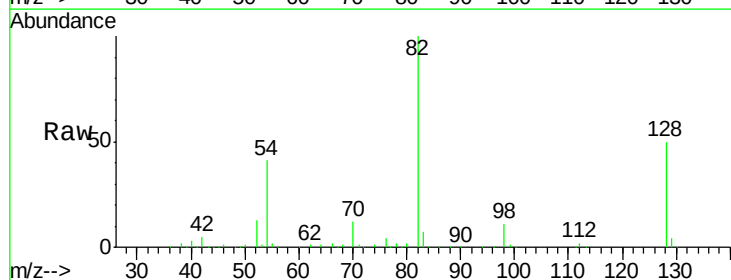
Instrument :
 BNA_G
 ClientSampleId :

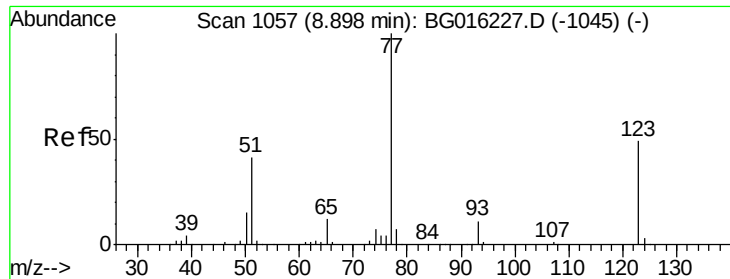
Tot Ion: 105 Resp: 1068
 Ion Ratio Lower Upper
 105 100
 71 0.0 2.0 3.0#
 51 33.8 17.9 26.9#
 120 0.0 26.3 39.5#



#23
 Nitrobenzene-d5
 Concen: 87.65 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG016245.D
 Acq: 7 Apr 2015 8:29

Tgt Ion: 82 Resp: 472250
 Ion Ratio Lower Upper
 82 100
 128 50.1 37.8 56.8
 54 41.4 32.6 49.0

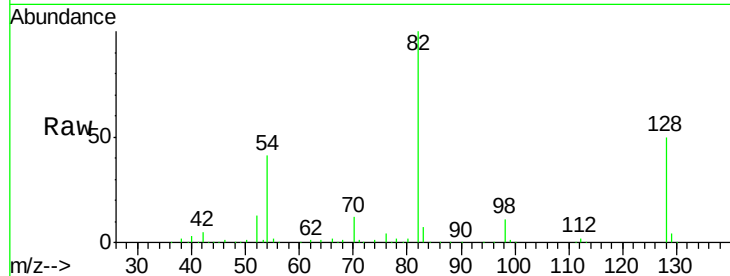




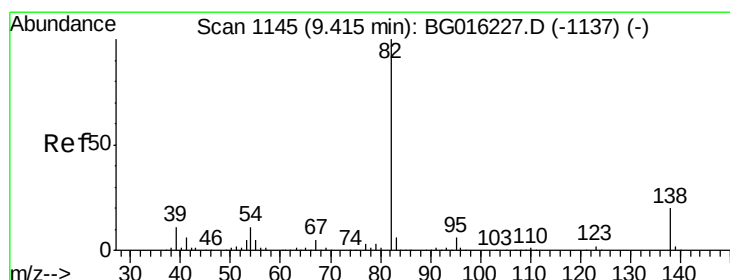
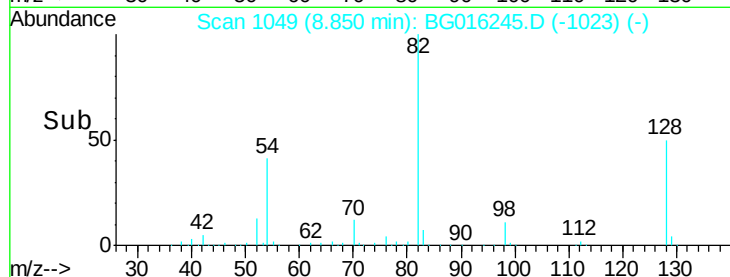
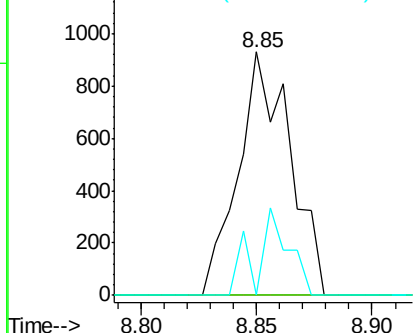
#24
 Nitrobenzene
 Concen: 0.25 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.05 min
 Lab File: BG016245.D
 Acq: 7 Apr 2015 8:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.8	58.2#
65	0.0	9.4	14.2#

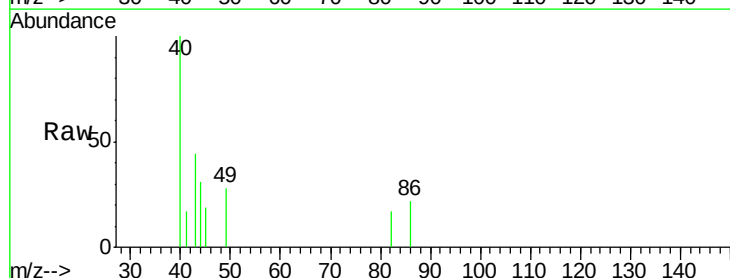


Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

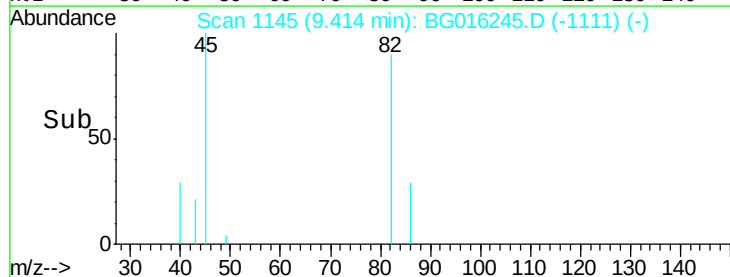
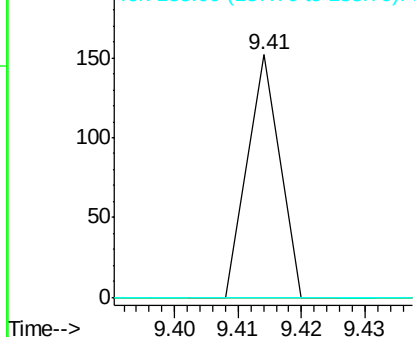


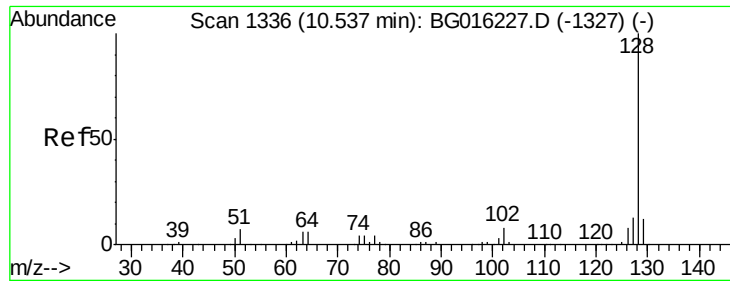
#25
 Isophorone
 Concen: 0.00 ng
 RT: 9.41 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BG016245.D
 Acq: 7 Apr 2015 8:29

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.6#
138	0.0	16.2	24.2#



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

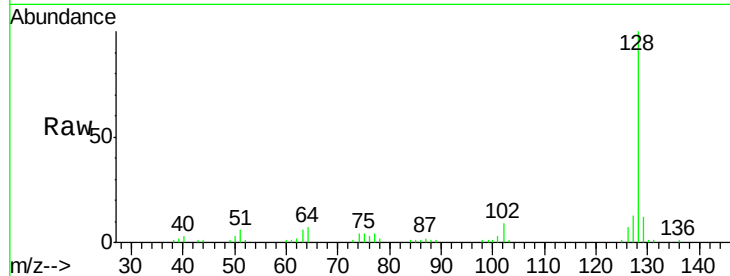




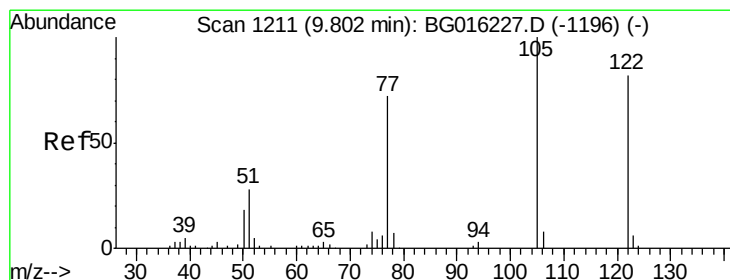
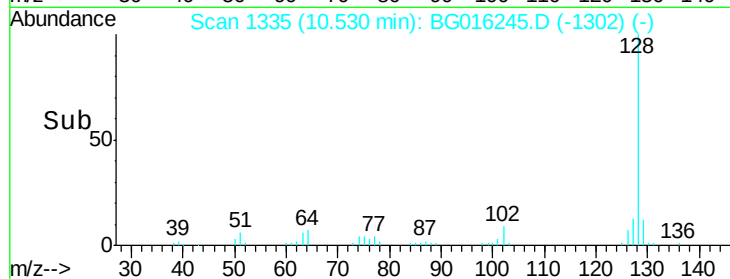
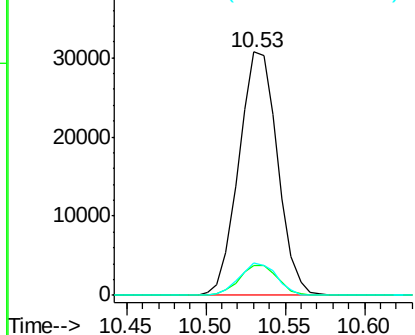
#31
Naphthalene
Concen: 3.20 ng
RT: 10.53 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG016245.D
Acq: 7 Apr 2015 8:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 52051
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.1 10.6 16.0

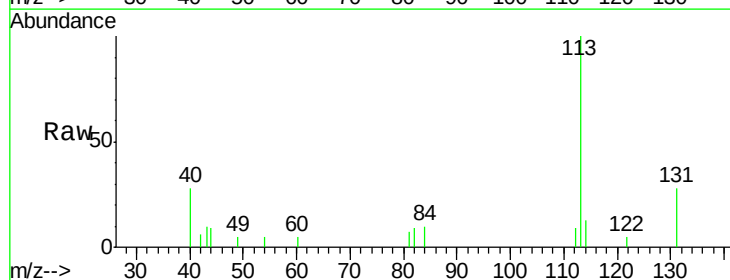


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

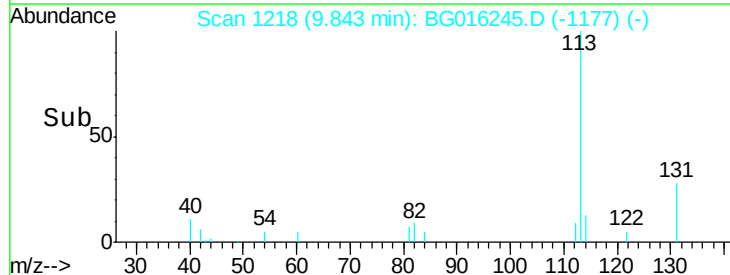
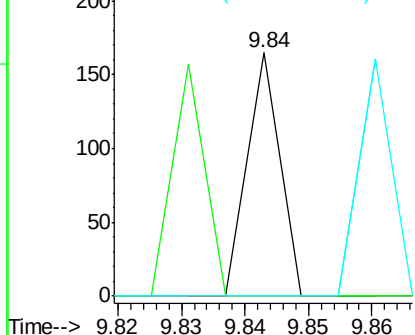


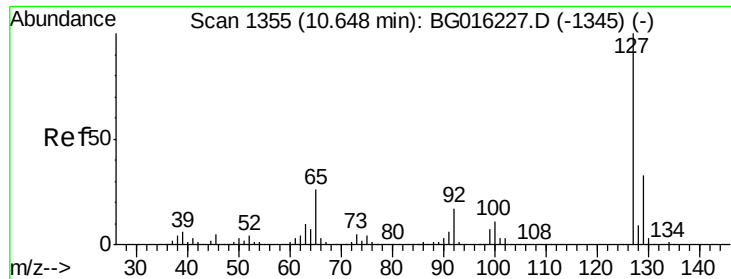
#32
Benzoic acid
Concen: 8.75 ng
RT: 9.84 min Scan# 1218
Delta R.T. 0.04 min
Lab File: BG016245.D
Acq: 7 Apr 2015 8:29

Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 0.0 99.7 139.7#
77 0.0 66.8 106.8#



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

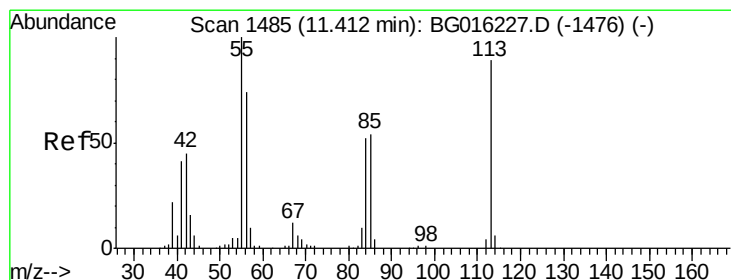
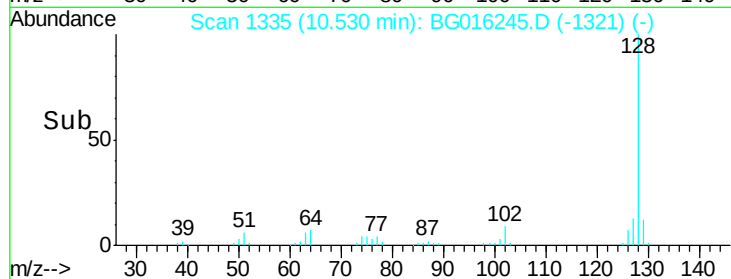
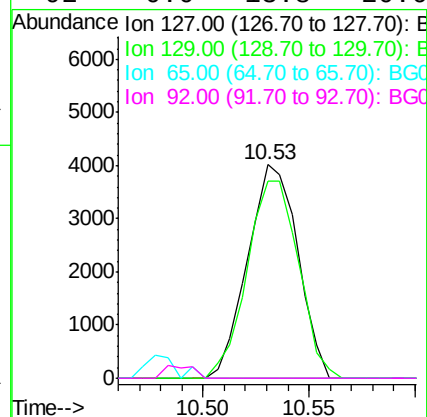
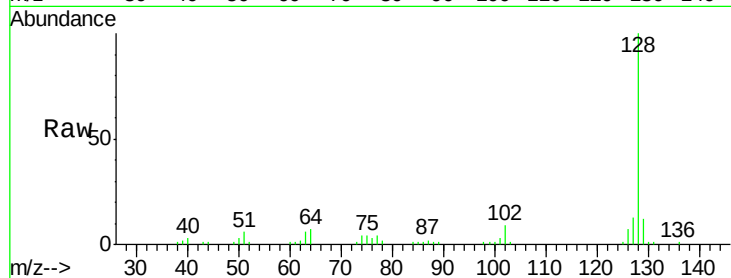




#33
4-Chloroaniline
Concen: 0.87 ng
RT: 10.53 min Scan# 1335
Delta R.T. -0.12 min
Lab File: BG016245.D
Acq: 7 Apr 2015 8:29

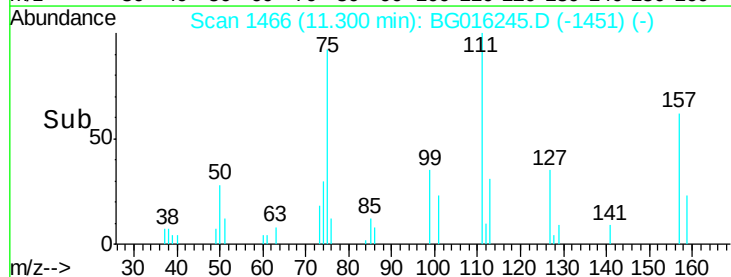
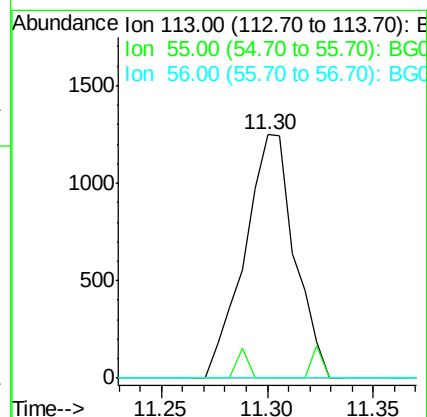
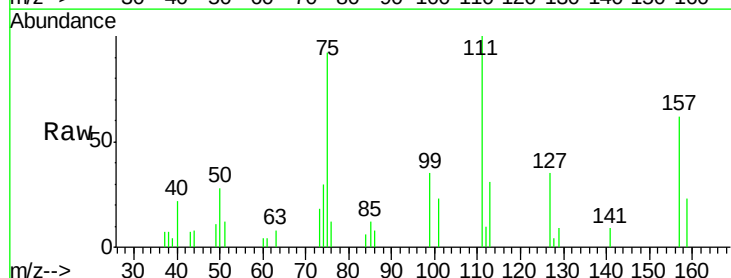
Instrument :
BNA_G
ClientSampleId :

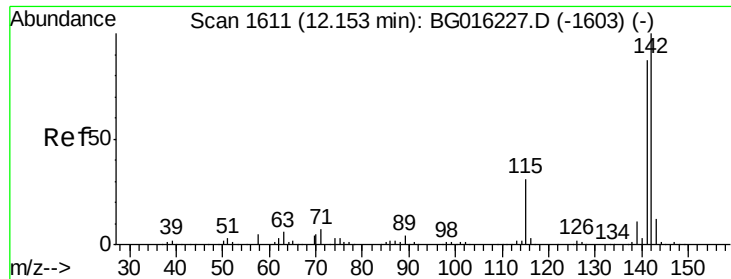
Tot Ion:127	Resp:	6611
Ion Ratio	Lower	Upper
127 100		
129 92.0	26.1	39.1#
65 0.0	21.2	31.8#
92 0.0	13.8	20.6#



#35
Caprolactam
Concen: 0.82 ng
RT: 11.30 min Scan# 1466
Delta R.T. -0.11 min
Lab File: BG016245.D
Acq: 7 Apr 2015 8:29

Tgt Ion:113	Resp:	2056
Ion Ratio	Lower	Upper
113 100		
55 0.0	92.4	132.4#
56 0.0	63.2	103.2#

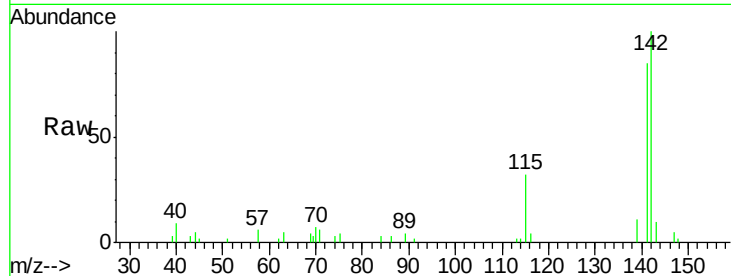




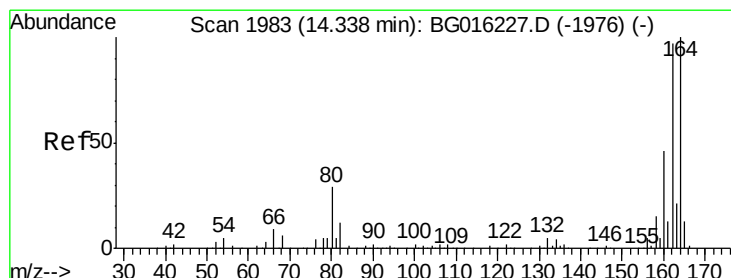
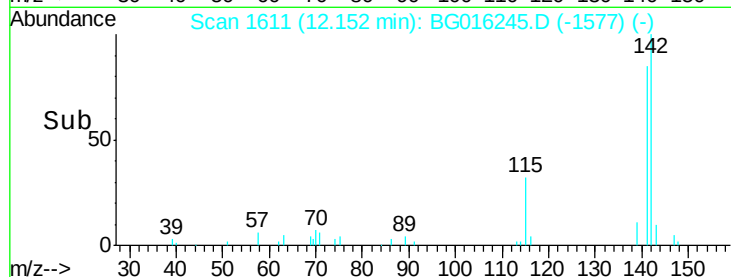
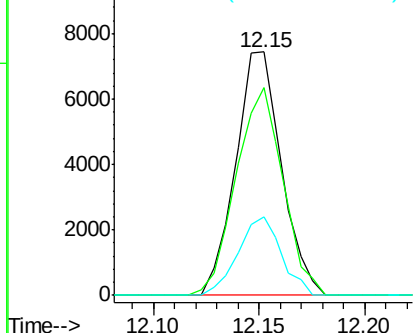
#37
2-Methylnaphthalene
Concen: 0.96 ng
RT: 12.15 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BG016245.D
Acq: 7 Apr 2015 8:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:142 Resp: 11180
Ion Ratio Lower Upper
142 100
141 85.5 69.3 103.9
115 32.3 25.0 37.6

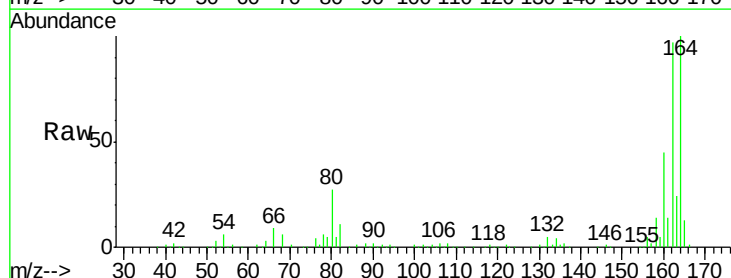


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

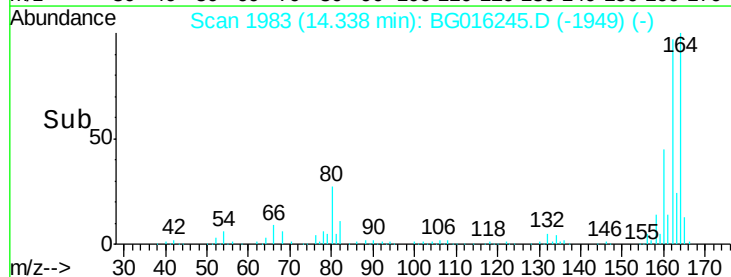
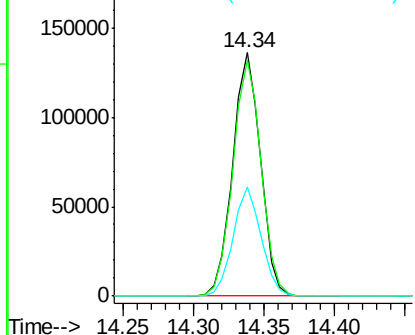


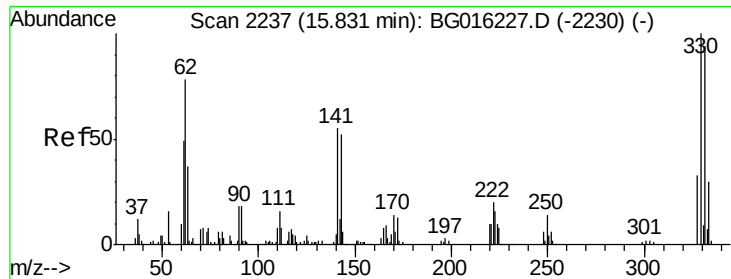
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG016245.D
Acq: 7 Apr 2015 8:29

Tgt Ion:164 Resp: 186610
Ion Ratio Lower Upper
164 100
162 96.7 77.3 115.9
160 44.7 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

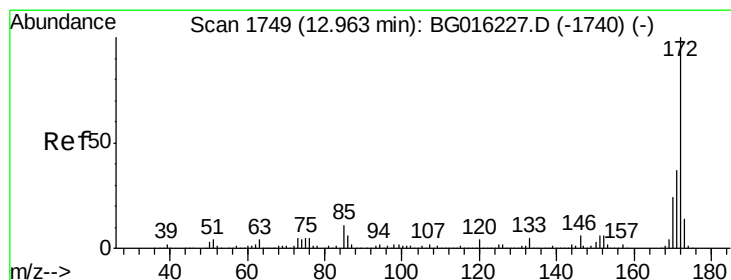
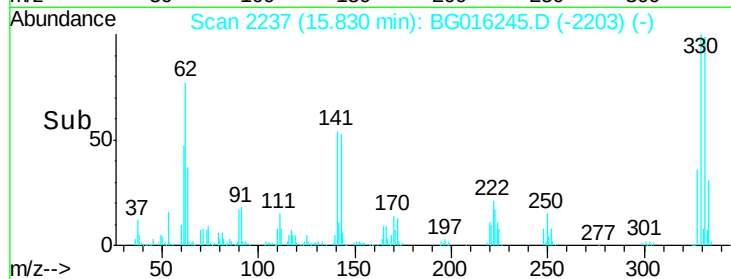
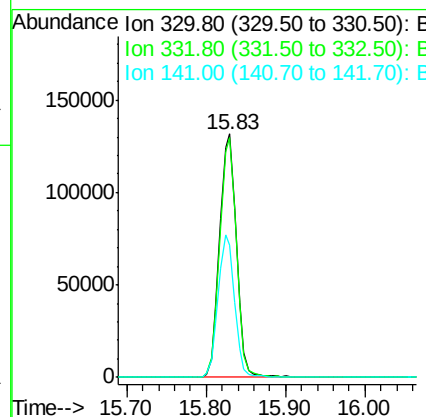
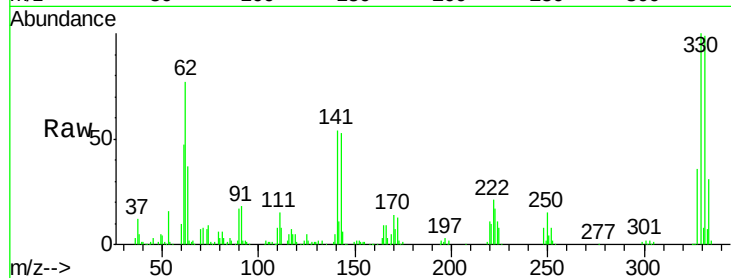




#41
 2,4,6-Tribromophenol
 Concen: 154.53 ng
 RT: 15.83 min Scan# 2237
 Delta R.T. -0.00 min
 Lab File: BG016245.D
 Acq: 7 Apr 2015 8:29

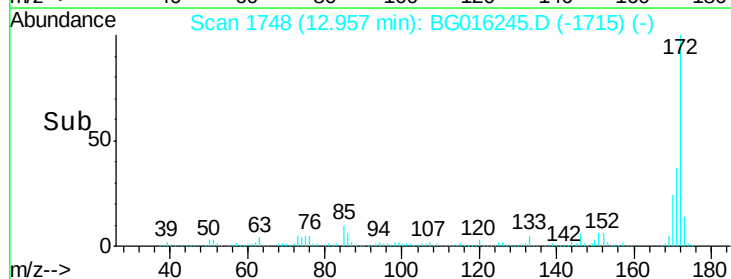
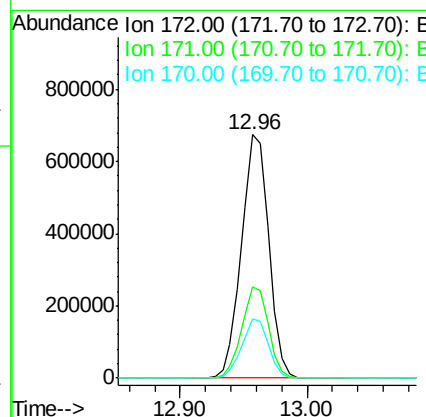
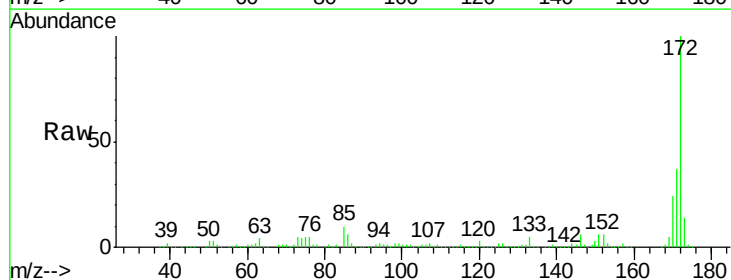
Instrument :
 BNA_G
 ClientSampleId :

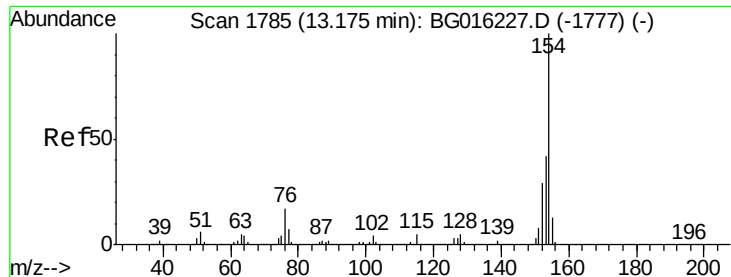
Tot Ion:330 Resp: 195027
 Ion Ratio Lower Upper
 330 100
 332 97.5 75.8 113.6
 141 56.6 46.6 69.8



#44
 2-Fluorobiphenyl
 Concen: 91.16 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG016245.D
 Acq: 7 Apr 2015 8:29

Tgt Ion:172 Resp: 999161
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.6 44.4
 170 24.4 19.4 29.2





#45

1,1'-Biphenyl

Concen: 0.14 ng

RT: 13.17 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BG016245.D

Acq: 7 Apr 2015 8:29

Instrument :

BNA_G

ClientSampleId :

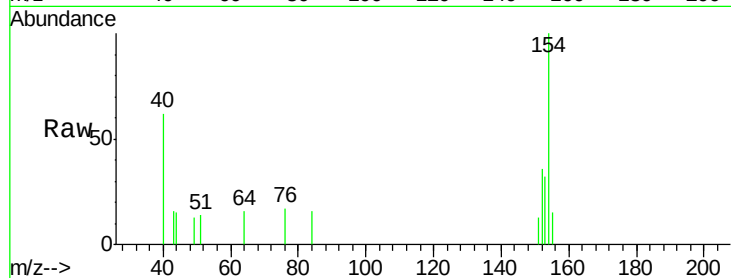
Tot Ion:154 Resp: 1968

Ion Ratio Lower Upper

154 100

153 32.5 22.4 62.4

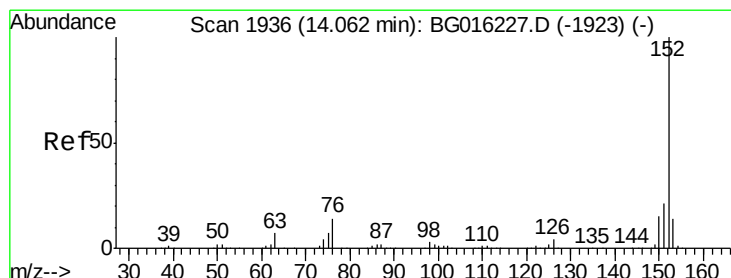
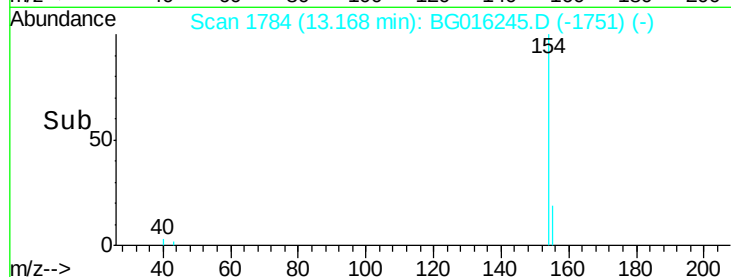
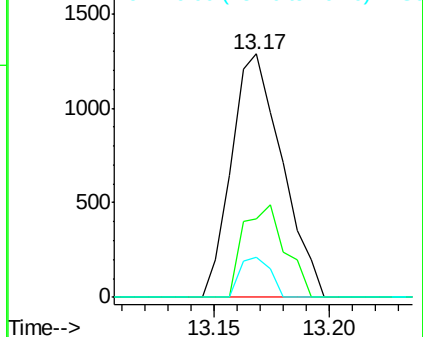
76 16.7 0.0 37.1



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: 0.00 ng

RT: 14.06 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG016245.D

Acq: 7 Apr 2015 8:29

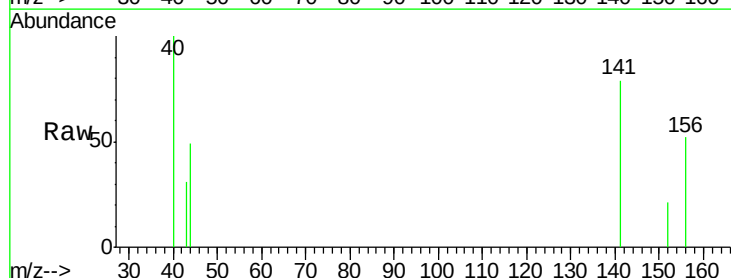
Tgt Ion:152 Resp: 53

Ion Ratio Lower Upper

152 100

151 0.0 16.5 24.7#

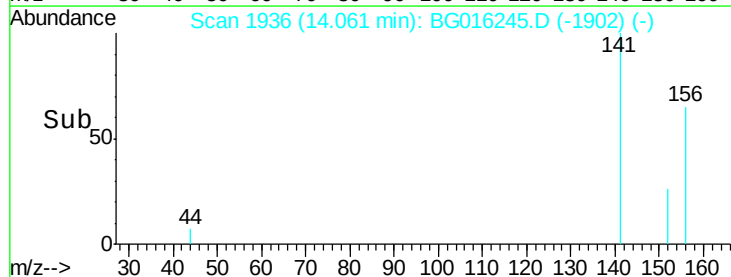
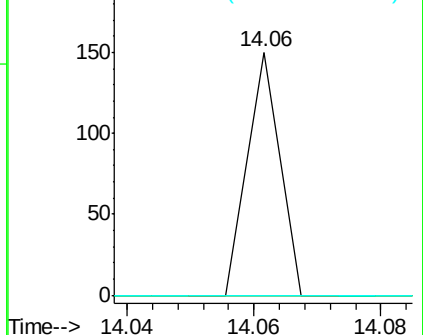
153 0.0 11.1 16.7#

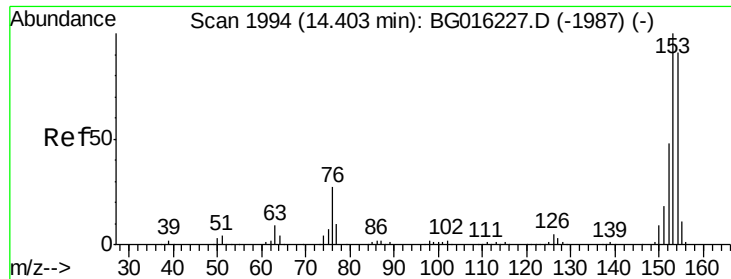


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#51

Acenaphthene

Concen: 0.10 ng

RT: 14.40 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BG016245.D

Acq: 7 Apr 2015 8:29

Instrument :

BNA_G

ClientSampled :

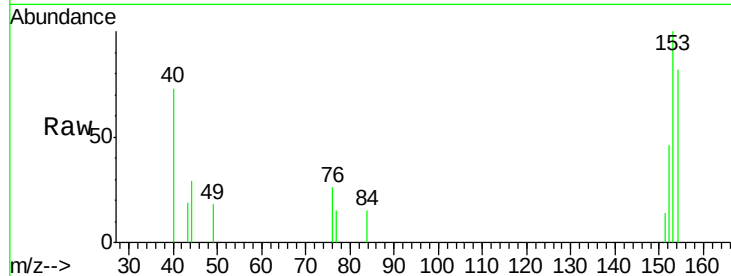
Tot Ion:154 Resp: 1131

Ion Ratio Lower Upper

154 100

153 121.5 87.5 131.3

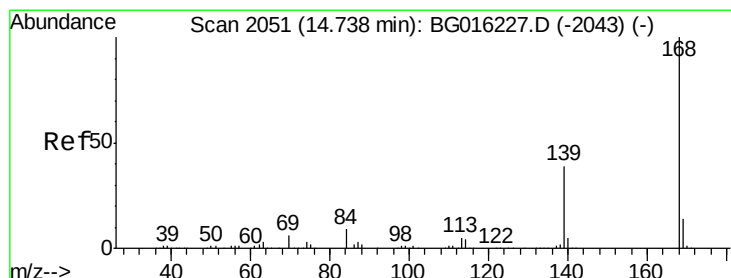
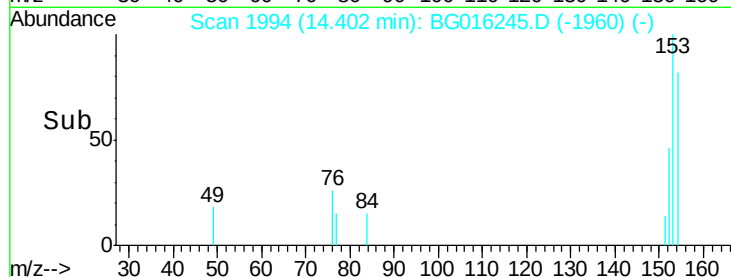
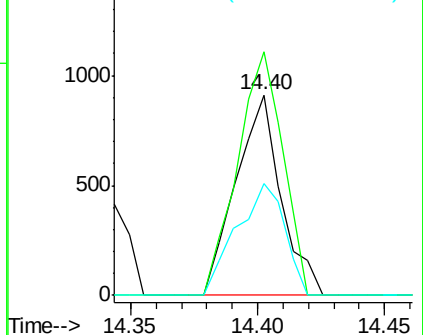
152 55.9 42.1 63.1



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: 0.05 ng

RT: 14.74 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG016245.D

Acq: 7 Apr 2015 8:29

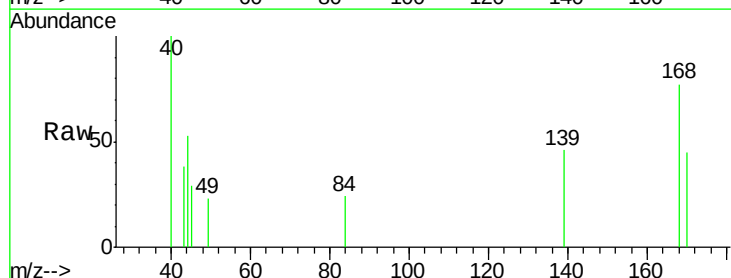
Tgt Ion:168 Resp: 791

Ion Ratio Lower Upper

168 100

139 59.9 31.0 46.6#

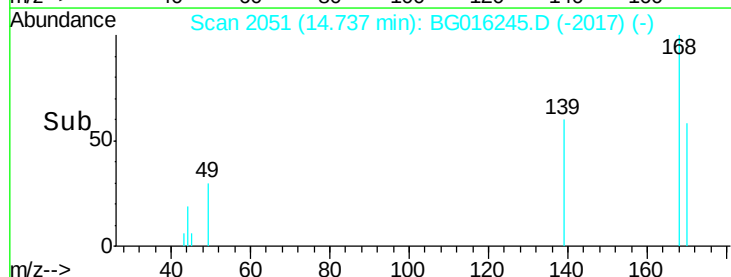
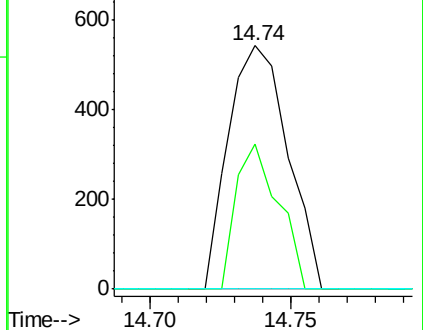
169 0.0 11.2 16.8#

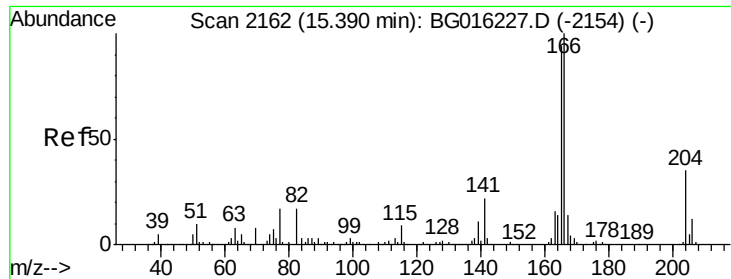


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

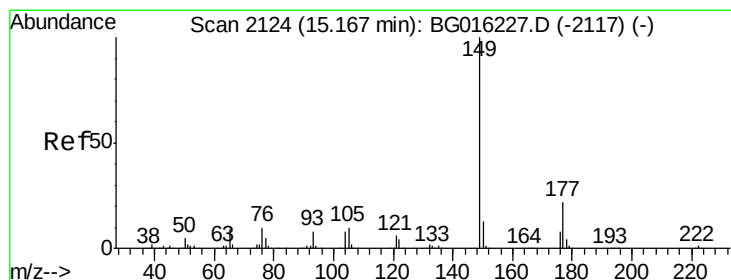
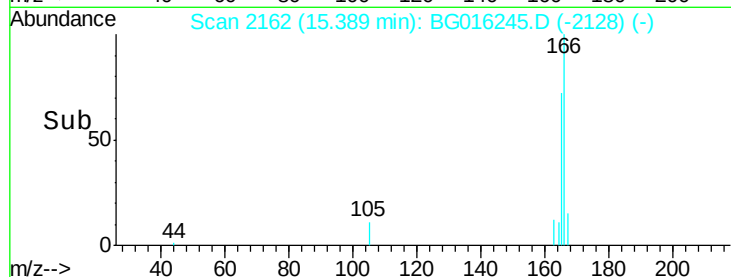
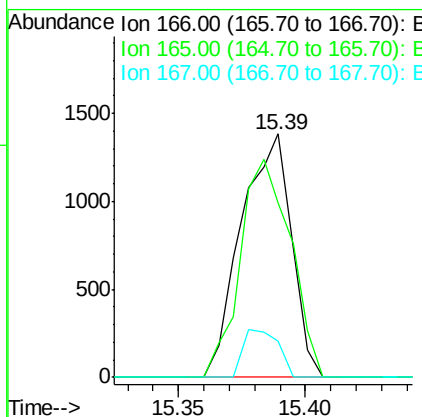
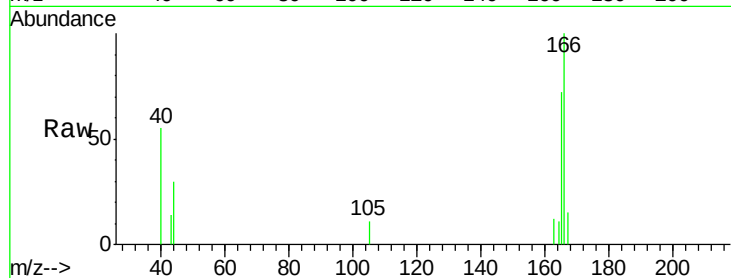




#57
 Fluorene
 Concen: 0.13 ng
 RT: 15.39 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG016245.D
 Acq: 7 Apr 2015 8:29

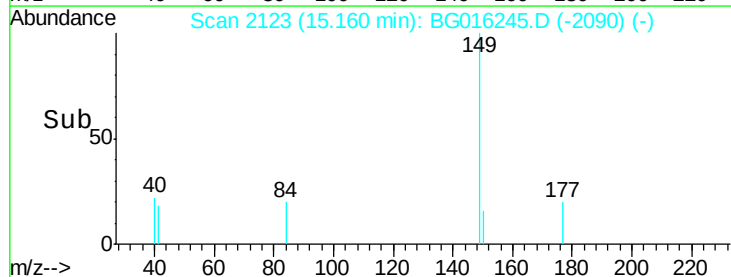
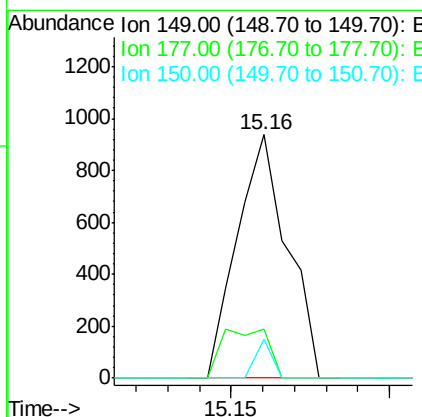
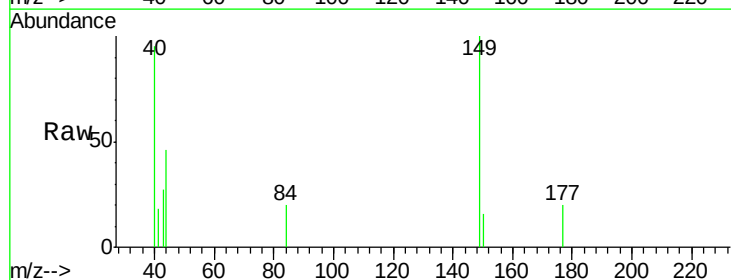
Instrument :
 BNA_G
 ClientSampleId :

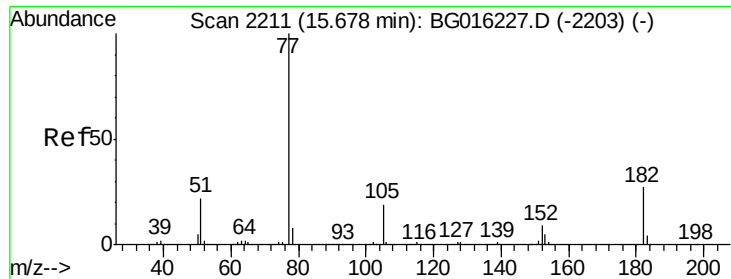
Tot Ion:166 Resp: 1905
 Ion Ratio Lower Upper
 166 100
 165 71.8 75.2 112.8#
 167 15.0 11.3 16.9



#59
 Diethylphthalate
 Concen: 0.07 ng
 RT: 15.16 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BG016245.D
 Acq: 7 Apr 2015 8:29

Tgt Ion:149 Resp: 1025
 Ion Ratio Lower Upper
 149 100
 177 20.4 17.7 26.5
 150 16.1 10.0 15.0#





#62

Azobenzene

Concen: 0.00 ng

RT: 15.67 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG016245.D

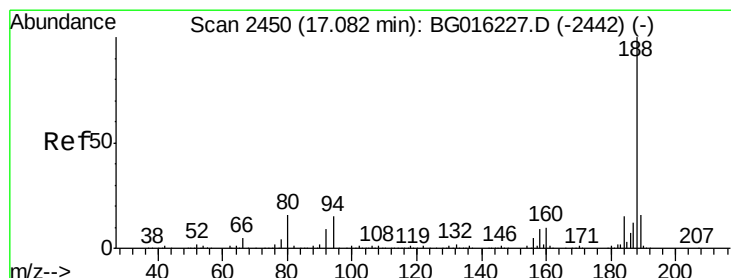
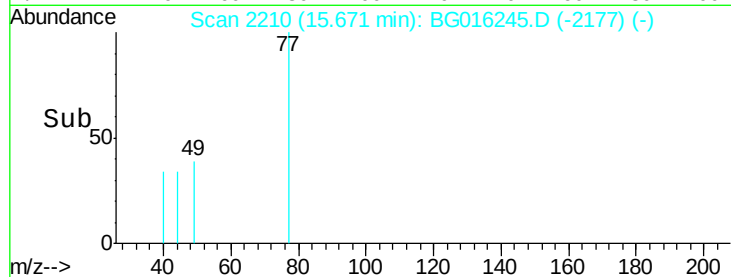
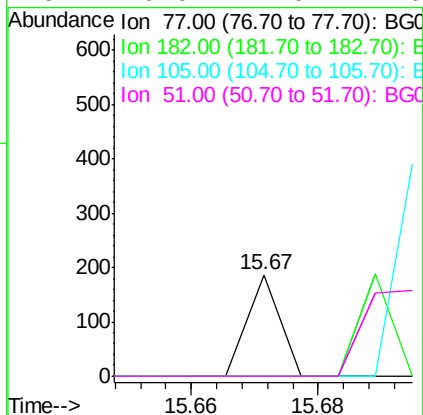
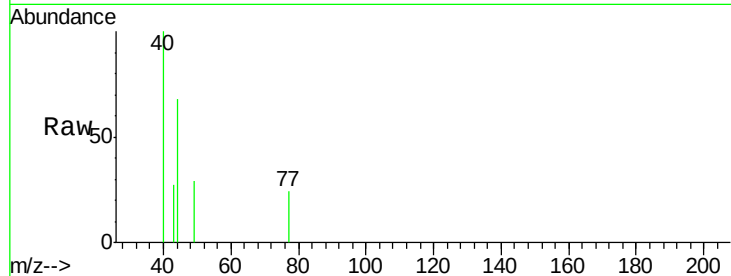
Acq: 7 Apr 2015 8:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	77	Resp:	66
Ion	Ratio	Lower	Upper
77	100		
182	0.0	6.6	46.6#
105	0.0	0.0	39.2
51	0.0	2.0	42.0#



#63

Phenanthrene-d10

Concen: 20.00 ng

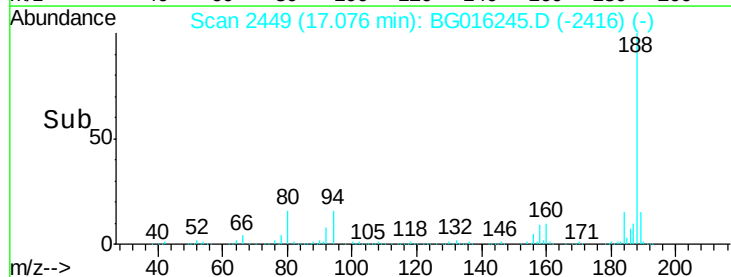
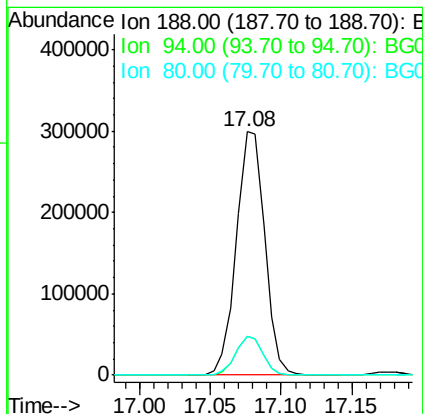
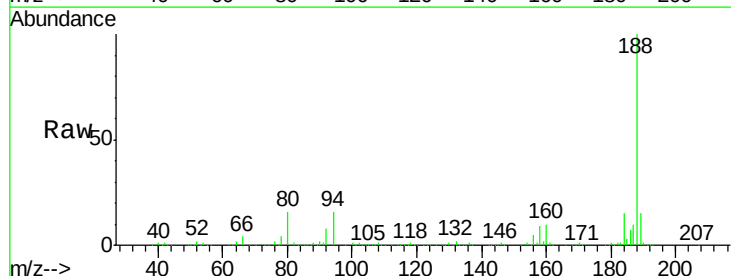
RT: 17.08 min Scan# 2449

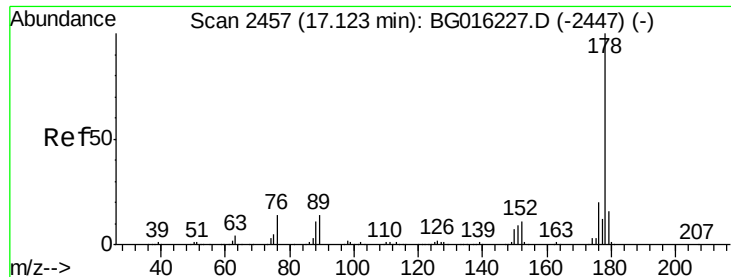
Delta R.T. -0.01 min

Lab File: BG016245.D

Acq: 7 Apr 2015 8:29

Tgt Ion:	188	Resp:	419989
Ion	Ratio	Lower	Upper
188	100		
94	15.9	12.2	18.4
80	16.0	12.8	19.2

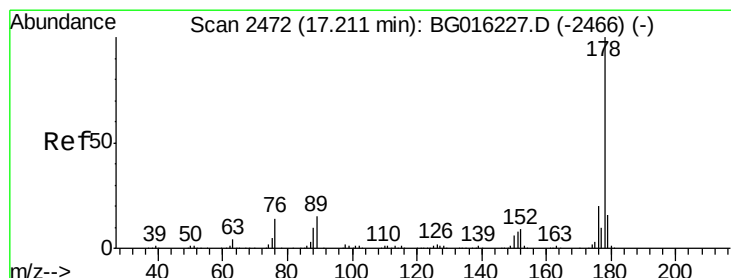
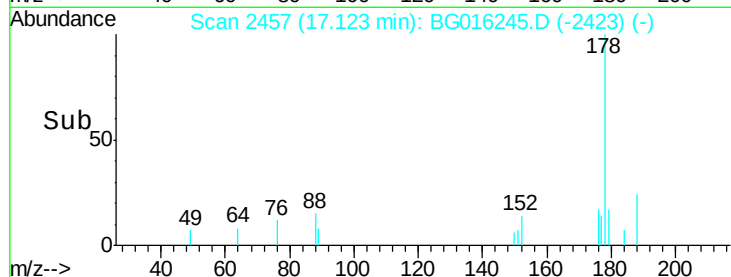
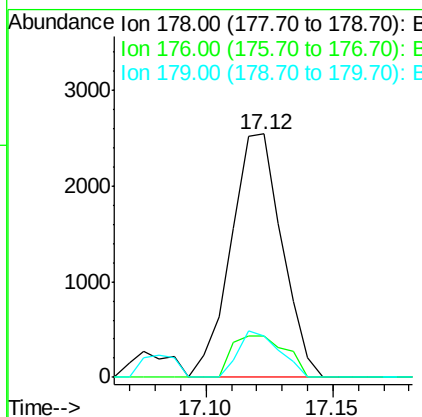
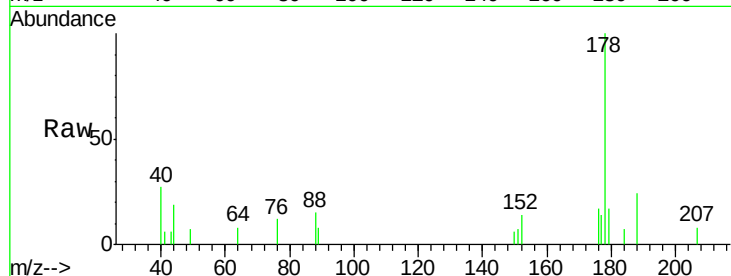




#70
Phenanthrene
Concen: 0.15 ng
RT: 17.12 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG016245.D
Acq: 7 Apr 2015 8:29

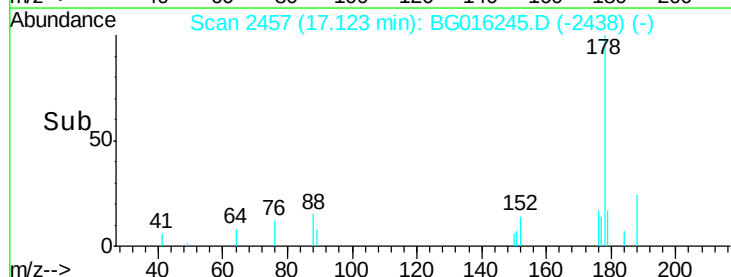
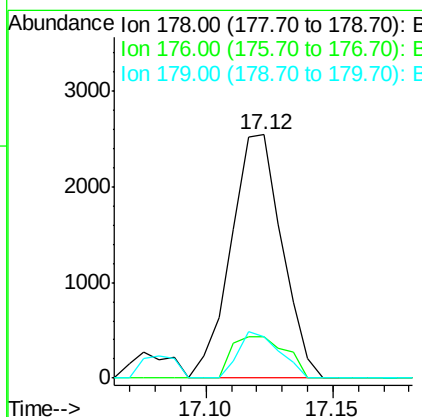
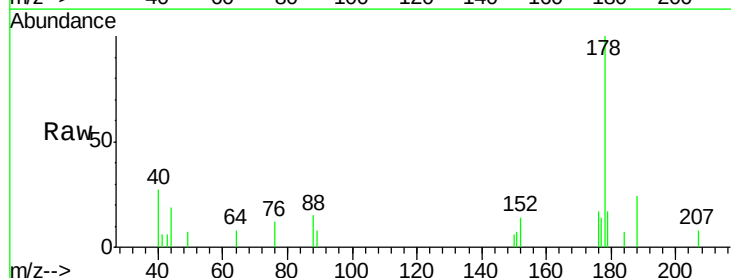
Instrument :
BNA_G
ClientSampleId :

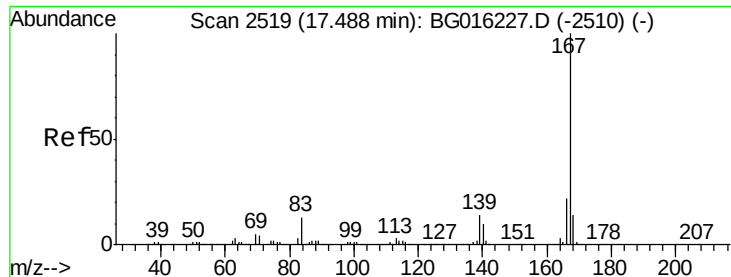
Tot Ion:178 Resp: 3556
Ion Ratio Lower Upper
178 100
176 17.2 16.2 24.4
179 16.8 12.7 19.1



#71
Anthracene
Concen: 0.15 ng
RT: 17.12 min Scan# 2457
Delta R.T. -0.09 min
Lab File: BG016245.D
Acq: 7 Apr 2015 8:29

Tgt Ion:178 Resp: 3556
Ion Ratio Lower Upper
178 100
176 17.2 15.9 23.9
179 16.8 13.0 19.6

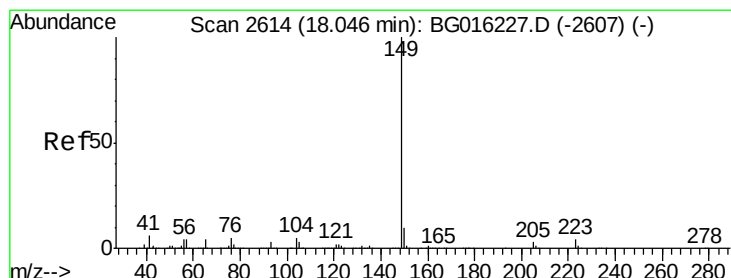
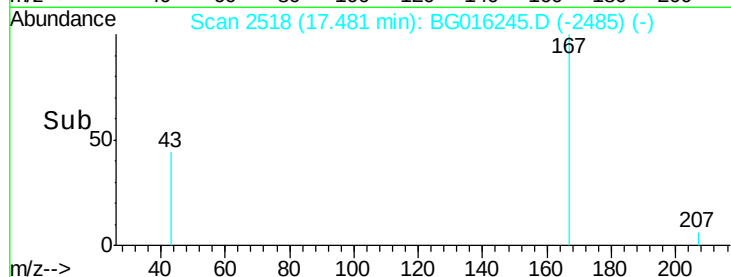
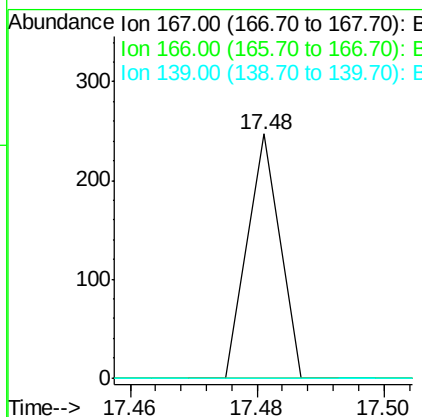
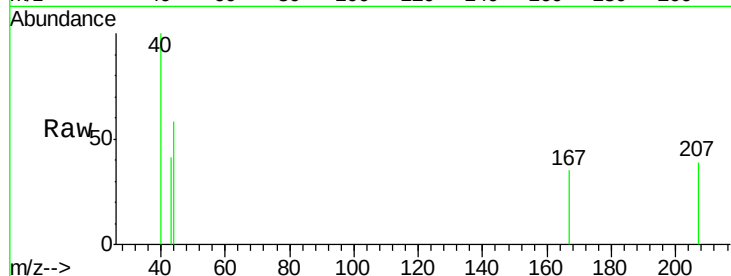




#72
 Carbazole
 Concen: 0.00 ng
 RT: 17.48 min Scan# 2518
 Delta R.T. -0.01 min
 Lab File: BG016245.D
 Acq: 7 Apr 2015 8:29

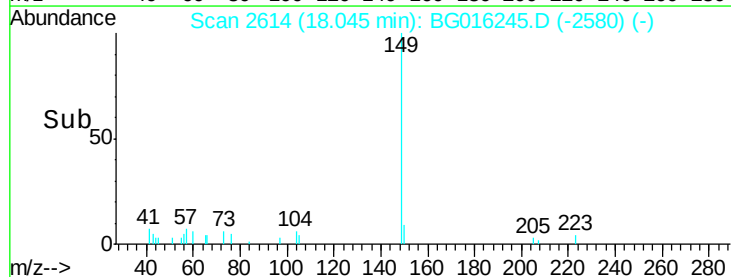
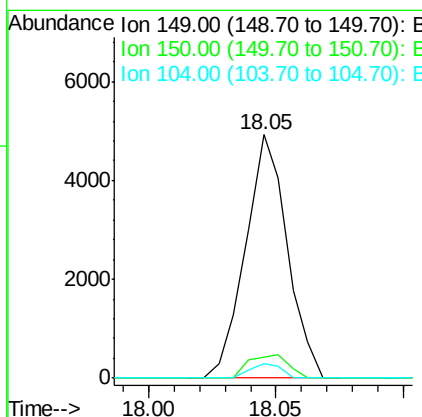
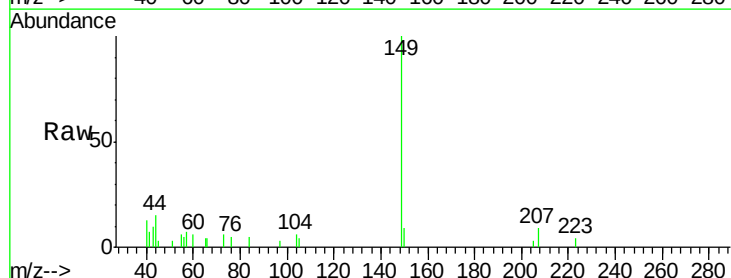
Instrument :
 BNA_G
 ClientSampleId :

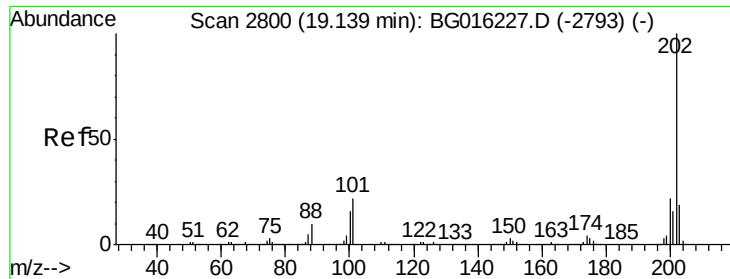
Tot Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.9	26.9#
139	0.0	11.5	17.3#



#73
 Di-n-butylphthalate
 Concen: 0.20 ng
 RT: 18.05 min Scan# 2614
 Delta R.T. -0.00 min
 Lab File: BG016245.D
 Acq: 7 Apr 2015 8:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	8.2	12.4
104	5.8	4.0	6.0





#74

Fluoranthene

Concen: 0.01 ng

RT: 19.14 min Scan# 2801

Delta R.T. 0.01 min

Lab File: BG016245.D

Acq: 7 Apr 2015 8:29

Instrument :

BNA_G

ClientSampleId :

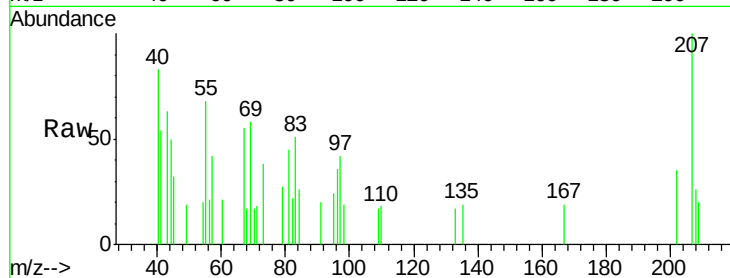
Tot Ion:202 Resp: 335

Ion Ratio Lower Upper

202 100

101 0.0 1.7 41.7#

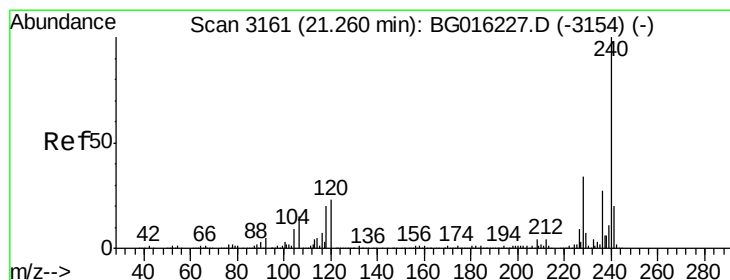
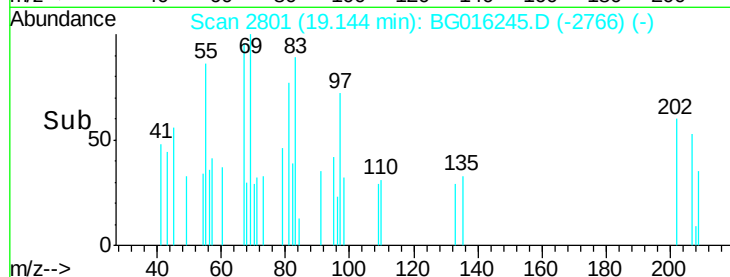
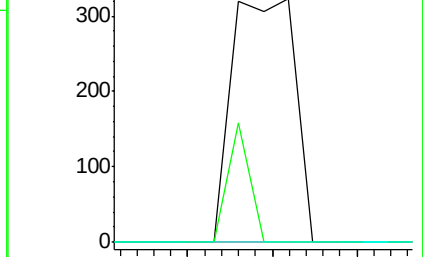
203 0.0 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG016245.D

Acq: 7 Apr 2015 8:29

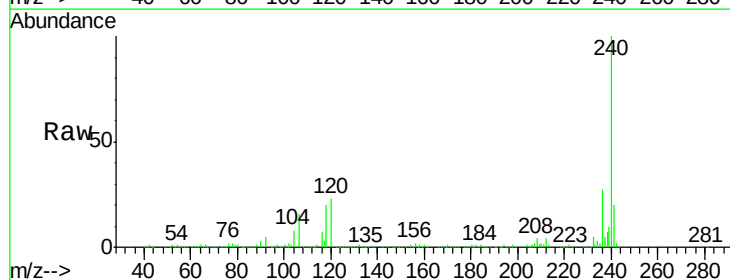
Tgt Ion:240 Resp: 393333

Ion Ratio Lower Upper

240 100

120 23.0 18.6 28.0

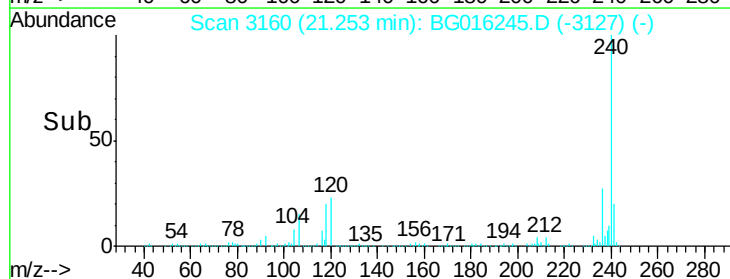
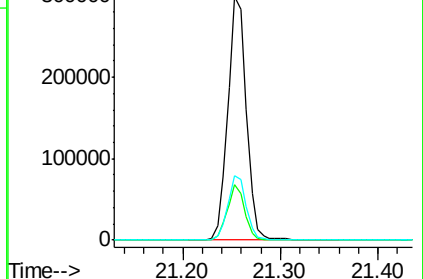
236 26.5 21.7 32.5

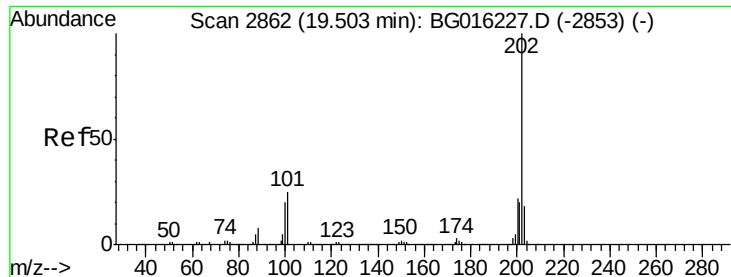


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 0.01 ng

RT: 19.50 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG016245.D

Acq: 7 Apr 2015 8:29

Instrument :

BNA_G

ClientSampleId :

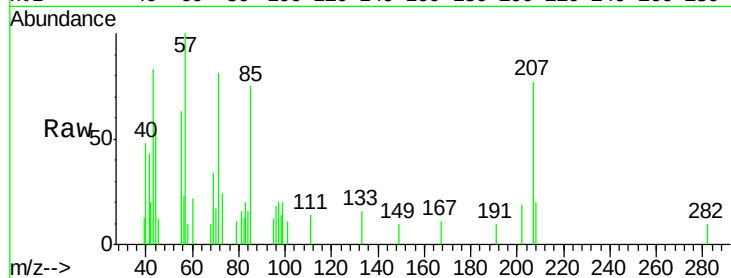
Tot Ion:202 Resp: 336

Ion Ratio Lower Upper

202 100

200 0.0 17.8 26.8#

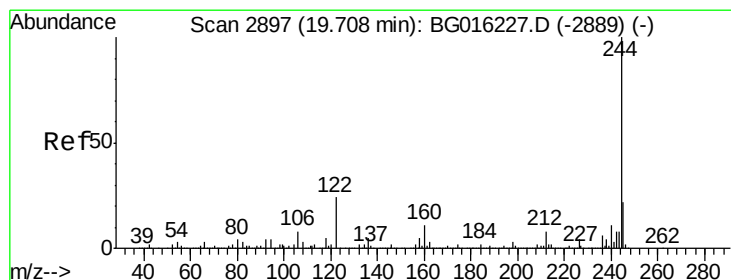
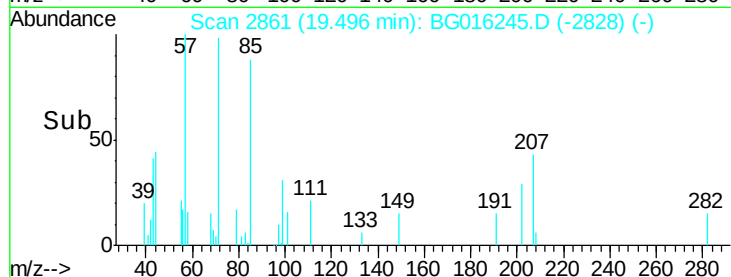
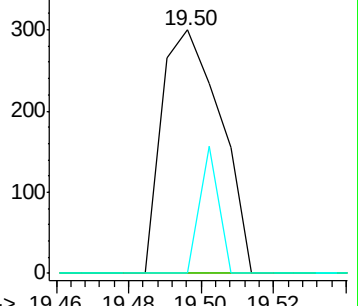
203 0.0 14.7 22.1#



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: 78.72 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG016245.D

Acq: 7 Apr 2015 8:29

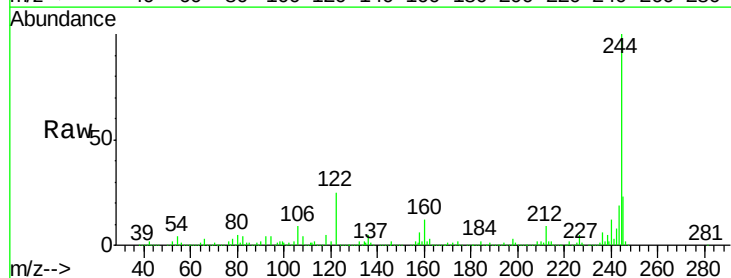
Tgt Ion:244 Resp: 1322990

Ion Ratio Lower Upper

244 100

212 8.7 6.6 9.8

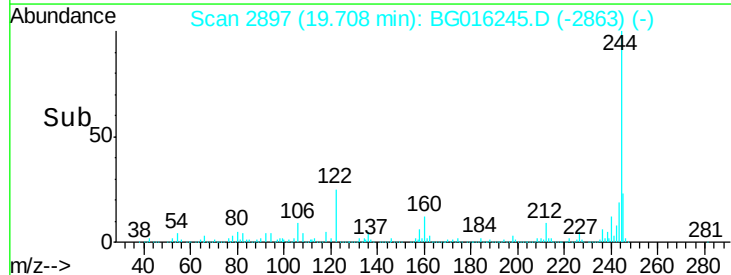
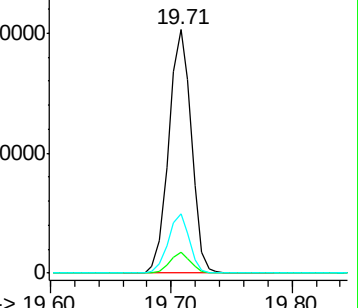
122 24.6 19.1 28.7

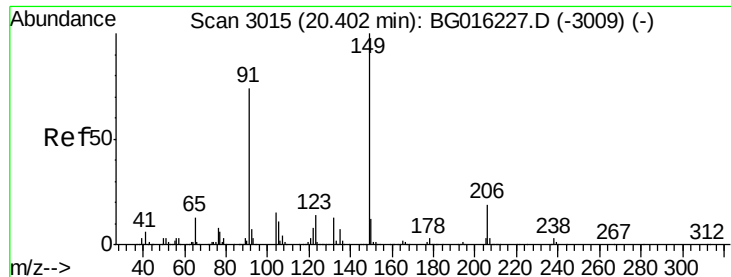


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

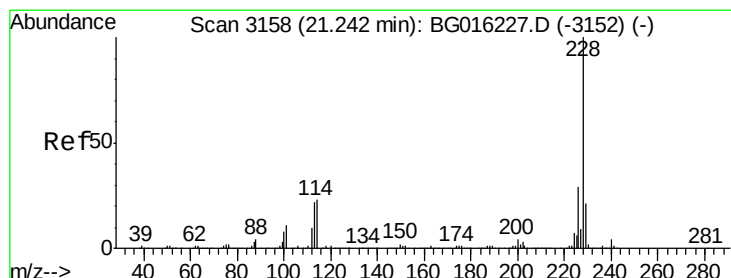
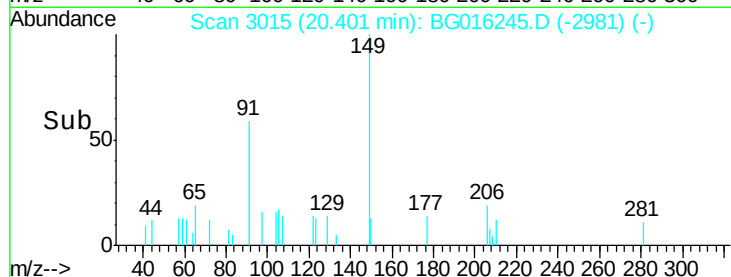
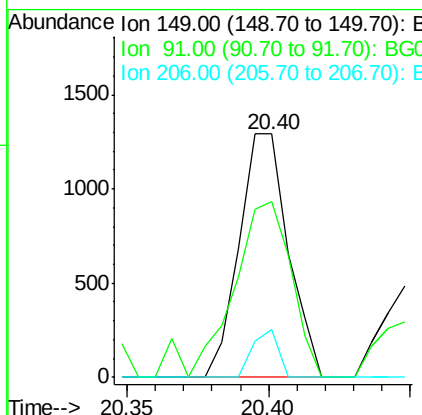
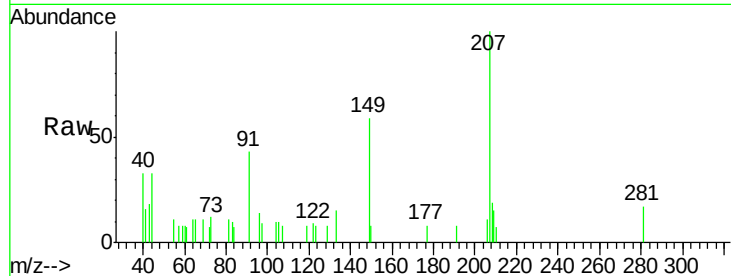




#79
Butylbenzylphthalate
Concen: 0.12 ng
RT: 20.40 min Scan# 3015
Delta R.T. -0.00 min
Lab File: BG016245.D
Acq: 7 Apr 2015 8:29

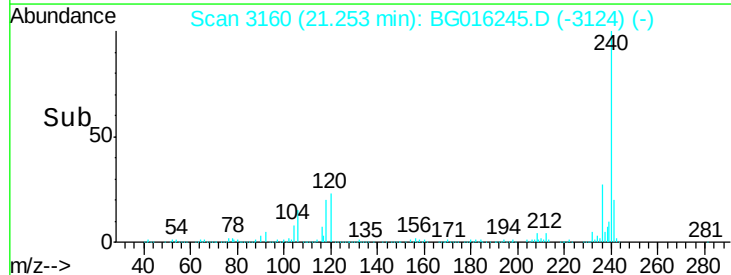
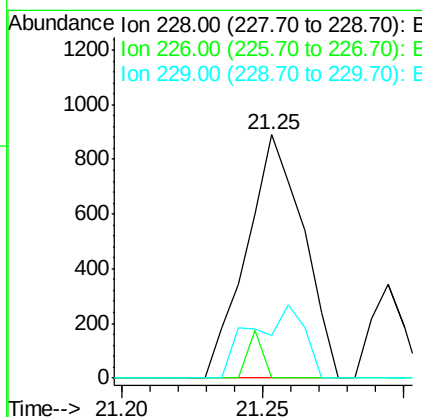
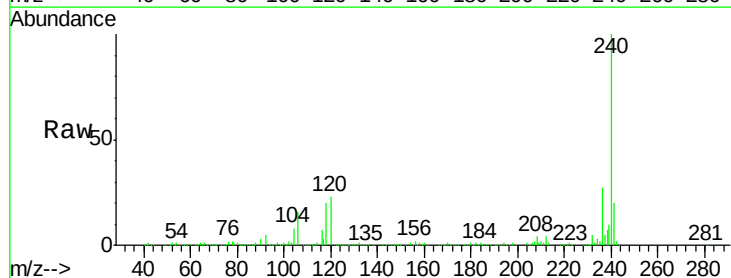
Instrument :
BNA_G
ClientSampleId :

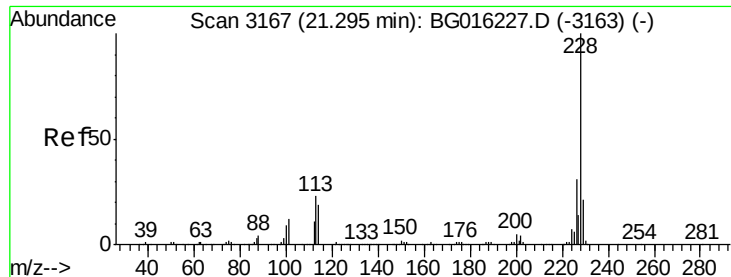
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.3	59.4	89.2
206	19.4	15.6	23.4



#80
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.25 min Scan# 3160
Delta R.T. 0.01 min
Lab File: BG016245.D
Acq: 7 Apr 2015 8:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.5	35.3#
229	17.4	16.8	25.2





#82

Chrysene

Concen: 0.01 ng

RT: 21.29 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG016245.D

Acq: 7 Apr 2015 8:29

Instrument :

BNA_G

ClientSampleId :

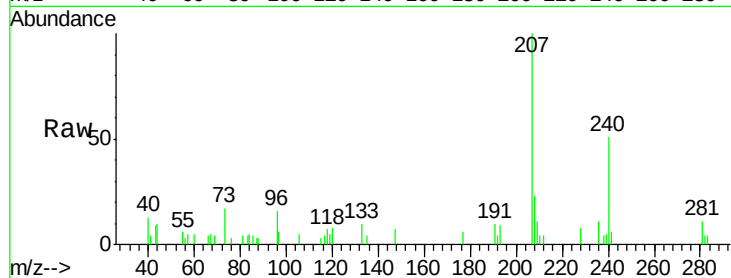
Tot Ion:228 Resp: 263

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.4#

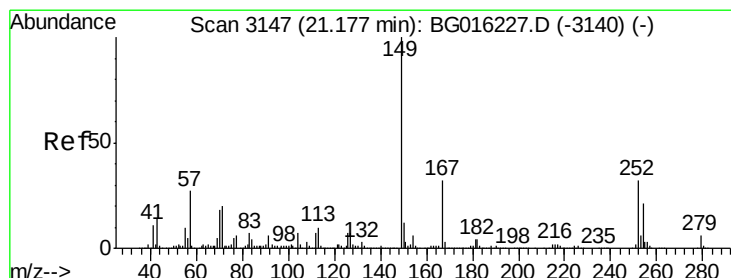
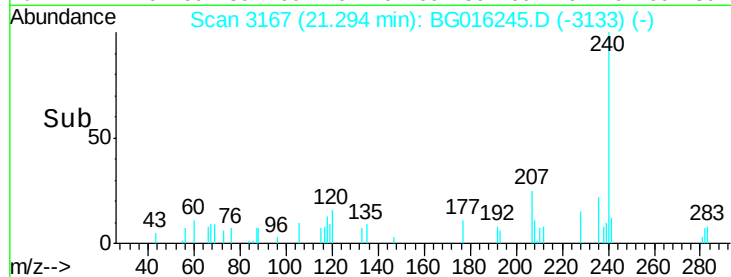
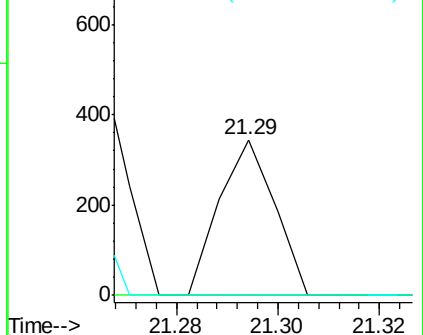
229 0.0 17.0 25.4#



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: 0.06 ng

RT: 21.17 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG016245.D

Acq: 7 Apr 2015 8:29

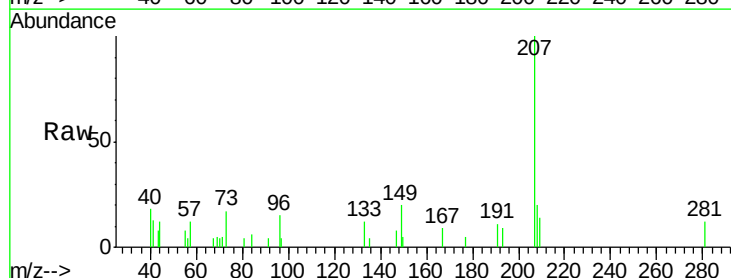
Tgt Ion:149 Resp: 1067

Ion Ratio Lower Upper

149 100

167 44.3 25.8 38.6#

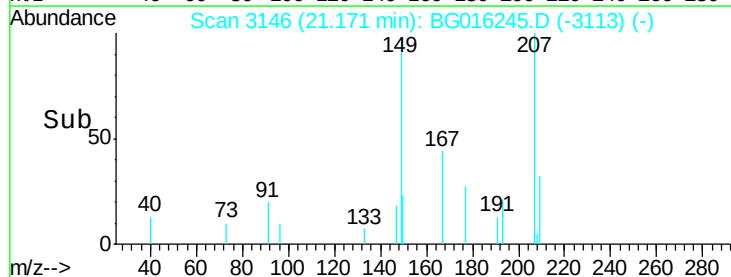
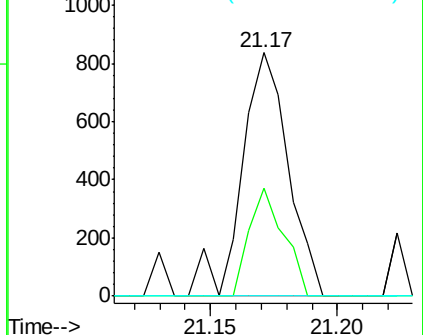
279 0.0 4.7 7.1#

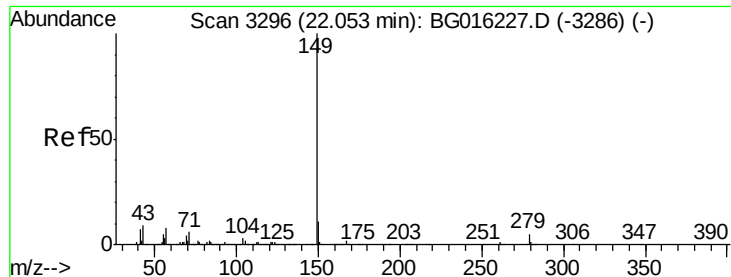


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

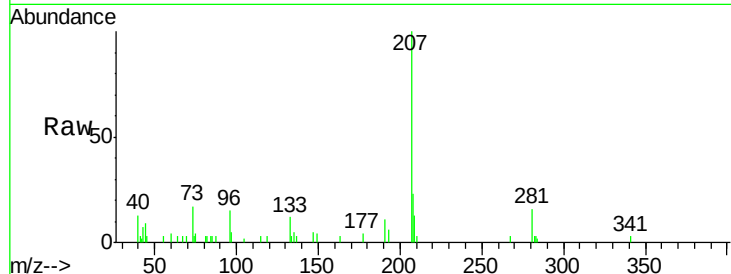




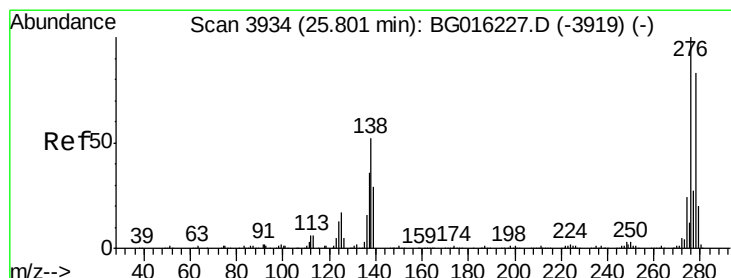
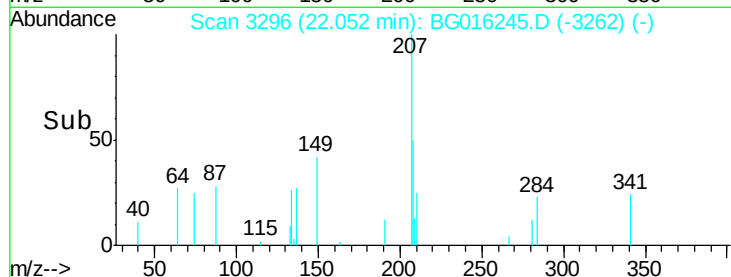
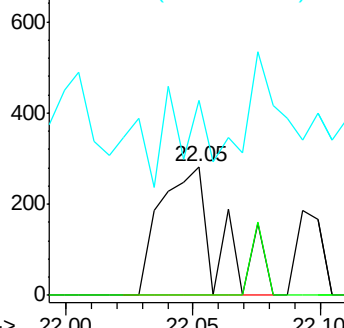
#84
Di-n-octyl phthalate
Concen: 0.02 ng
RT: 22.05 min Scan# 3296
Delta R.T. -0.00 min
Lab File: BG016245.D
Acq: 7 Apr 2015 8:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	40.8	7.0	10.4#

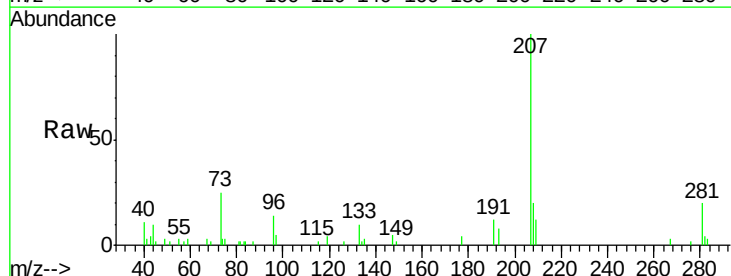


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

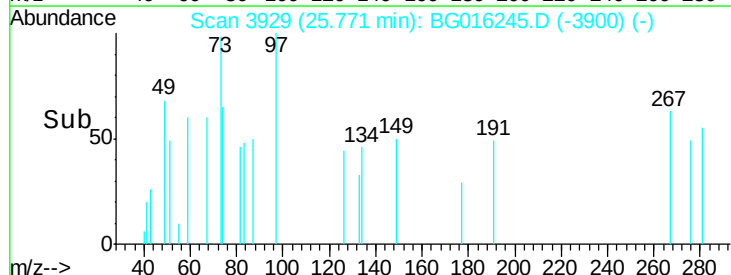
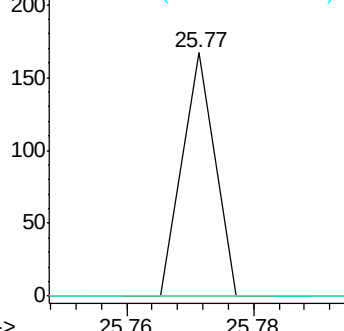


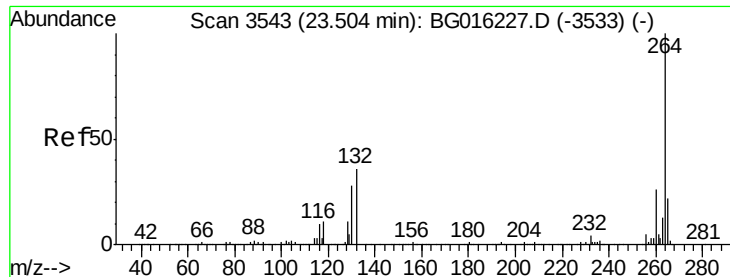
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 25.77 min Scan# 3929
Delta R.T. -0.03 min
Lab File: BG016245.D
Acq: 7 Apr 2015 8:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	41.5	62.3#
277	0.0	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

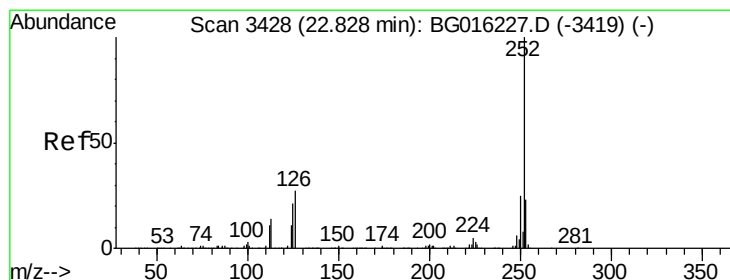
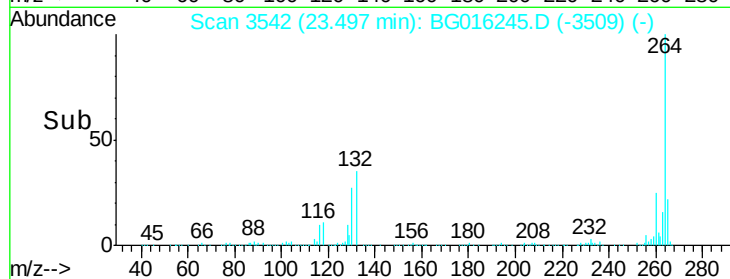
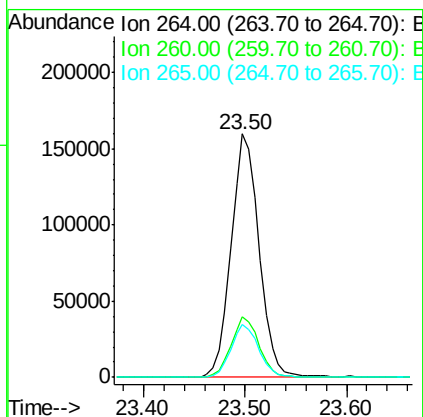
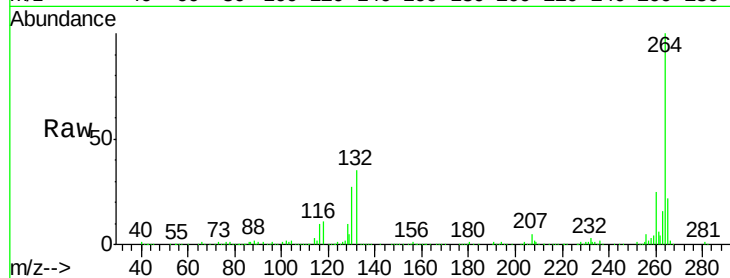




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.50 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG016245.D
Acq: 7 Apr 2015 8:29

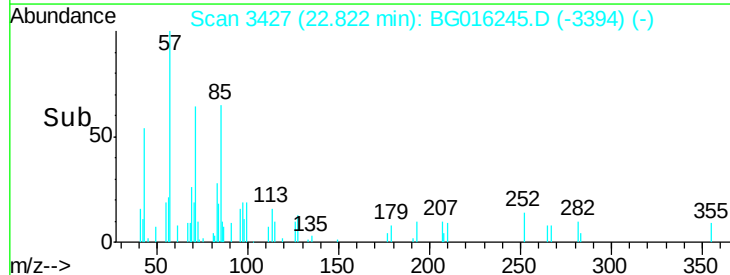
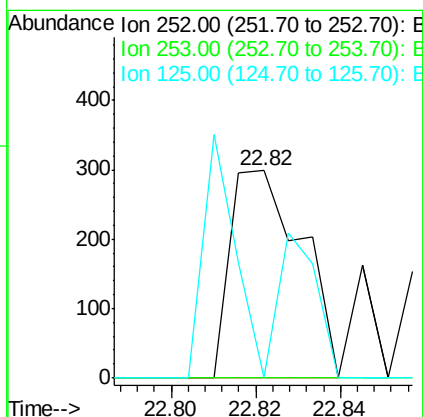
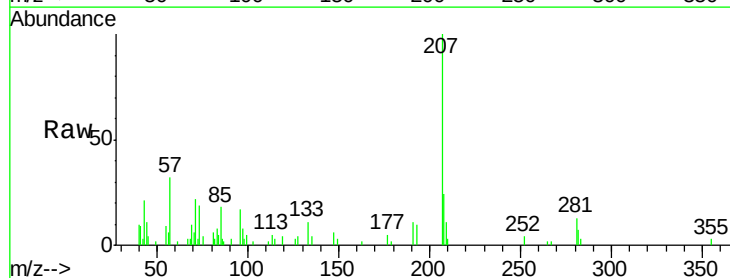
Instrument :
BNA_G
ClientSampleId :

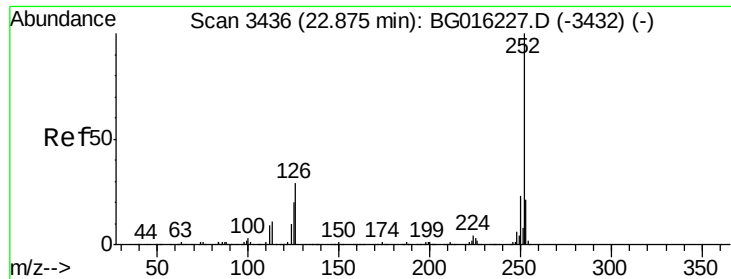
Tot Ion:264 Resp: 306764
Ion Ratio Lower Upper
264 100
260 24.8 20.4 30.6
265 21.9 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 22.82 min Scan# 3427
Delta R.T. -0.01 min
Lab File: BG016245.D
Acq: 7 Apr 2015 8:29

Tgt Ion:252 Resp: 351
Ion Ratio Lower Upper
252 100
253 0.0 18.5 27.7#
125 0.0 17.0 25.6#

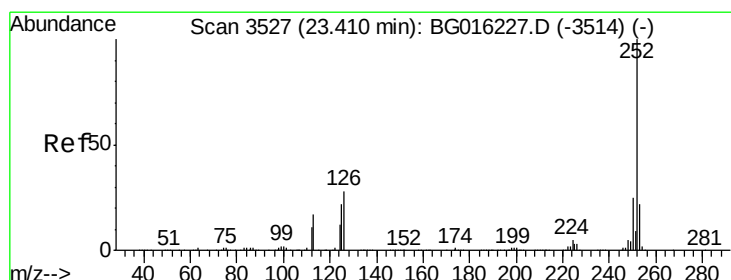
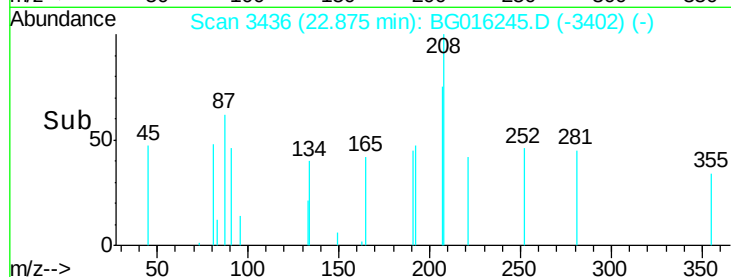
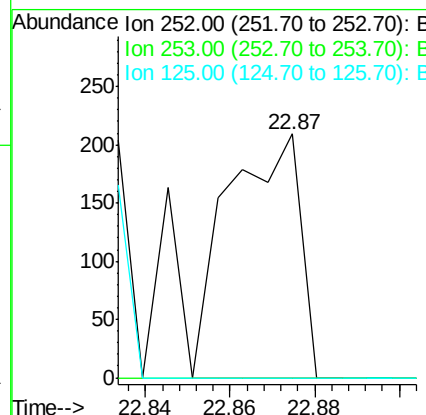
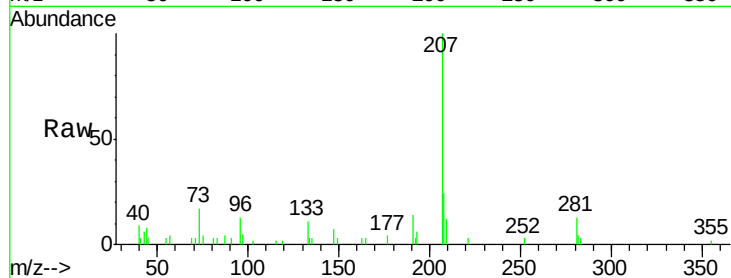




#88
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 22.87 min Scan# 3436
Delta R.T. -0.00 min
Lab File: BG016245.D
Acq: 7 Apr 2015 8:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.5	26.3#
125	0.0	16.3	24.5#



#89
Benzo(a)pyrene
Concen: 0.00 ng
RT: 23.40 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BG016245.D
Acq: 7 Apr 2015 8:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.6	26.4#
125	138.2	17.6	26.4#

