

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040615\
 Data File : BG016246.D
 Acq On : 7 Apr 2015 9:03
 Operator : TP/IZ
 Sample : G1729-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 07 14:05:35 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	58143	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	263154	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	161895	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	358013	20.00	ng	0.00
75) Chrysene-d12	21.26	240	345571	20.00	ng	0.00
86) Perylene-d12	23.50	264	316074	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	408184	110.80	ng	0.00
7) Phenol-d6	6.87	99	598053	108.14	ng	0.00
23) Nitrobenzene-d5	8.85	82	308184	67.84	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	125869	114.96	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	617232	64.91	ng	0.00
78) Terphenyl-d14	19.71	244	847390	57.39	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	69	0.04	ng	# 1
4) n-Nitrosodimethylamine	3.50	42	59	0.04	ng	# 1
8) 2-Chlorophenol	7.27	128	61	0.01	ng	# 36
9) Benzaldehyde	6.87	77	768	0.24	ng	# 1
10) Phenol	6.90	94	2392	0.40	ng	# 60
11) bis(2-Chloroethyl)ether	7.23	93	571	0.12	ng	# 1
15) Benzyl Alcohol	7.94	79	131	0.03	ng	# 11
24) Nitrobenzene	8.85	77	844	0.17	ng	# 29
25) Isophorone	9.38	82	116	0.01	ng	# 62
31) Naphthalene	10.54	128	117	0.01	ng	# 68
49) Dimethylphthalate	13.80	163	76443	6.44	ng	# 99
50) 2,6-Dinitrotoluene	13.80	165	922	0.32	ng	# 31
51) Acenaphthene	14.41	154	55	0.01	ng	# 6
54) Dibenzofuran	14.74	168	271	0.02	ng	# 44
57) Fluorene	15.38	166	59	0.00	ng	# 11
59) Diethylphthalate	15.16	149	795	0.06	ng	# 64
62) Azobenzene	15.69	77	1633	0.12	ng	# 1
70) Phenanthrene	17.12	178	4618	0.23	ng	# 91
71) Anthracene	17.21	178	1075	0.05	ng	# 79
72) Carbazole	17.48	167	804	0.04	ng	# 83
73) Di-n-butylphthalate	18.05	149	1792	0.07	ng	# 76
74) Fluoranthene	19.14	202	6643	0.32	ng	# 90
77) Pyrene	19.49	202	6700	0.28	ng	# 95
79) Butylbenzylphthalate	20.39	149	330	0.03	ng	# 86
80) Benzo(a)anthracene	21.25	228	4832	0.24	ng	# 88
82) Chrysene	21.29	228	2579	0.13	ng	# 84
83) Bis(2-ethylhexyl)phthalate	21.17	149	1839	0.11	ng	# 91
84) Di-n-octyl phthalate	22.04	149	500	0.02	ng	# 79
85) Indeno(1,2,3-cd)pyrene	25.77	276	1101	0.05	ng	# 69
87) Benzo(b)fluoranthene	22.82	252	3291	0.18	ng	# 78
88) Benzo(k)fluoranthene	22.82	252	3291	0.18	ng	# 78
89) Benzo(a)pyrene	23.40	252	2725	0.16	ng	# 87
90) Dibenzo(a,h)anthracene	25.80	278	470	0.03	ng	# 44
91) Benzo(g,h,i)perylene	26.48	276	1981	0.12	ng	# 87

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Response via : Initial Calibration

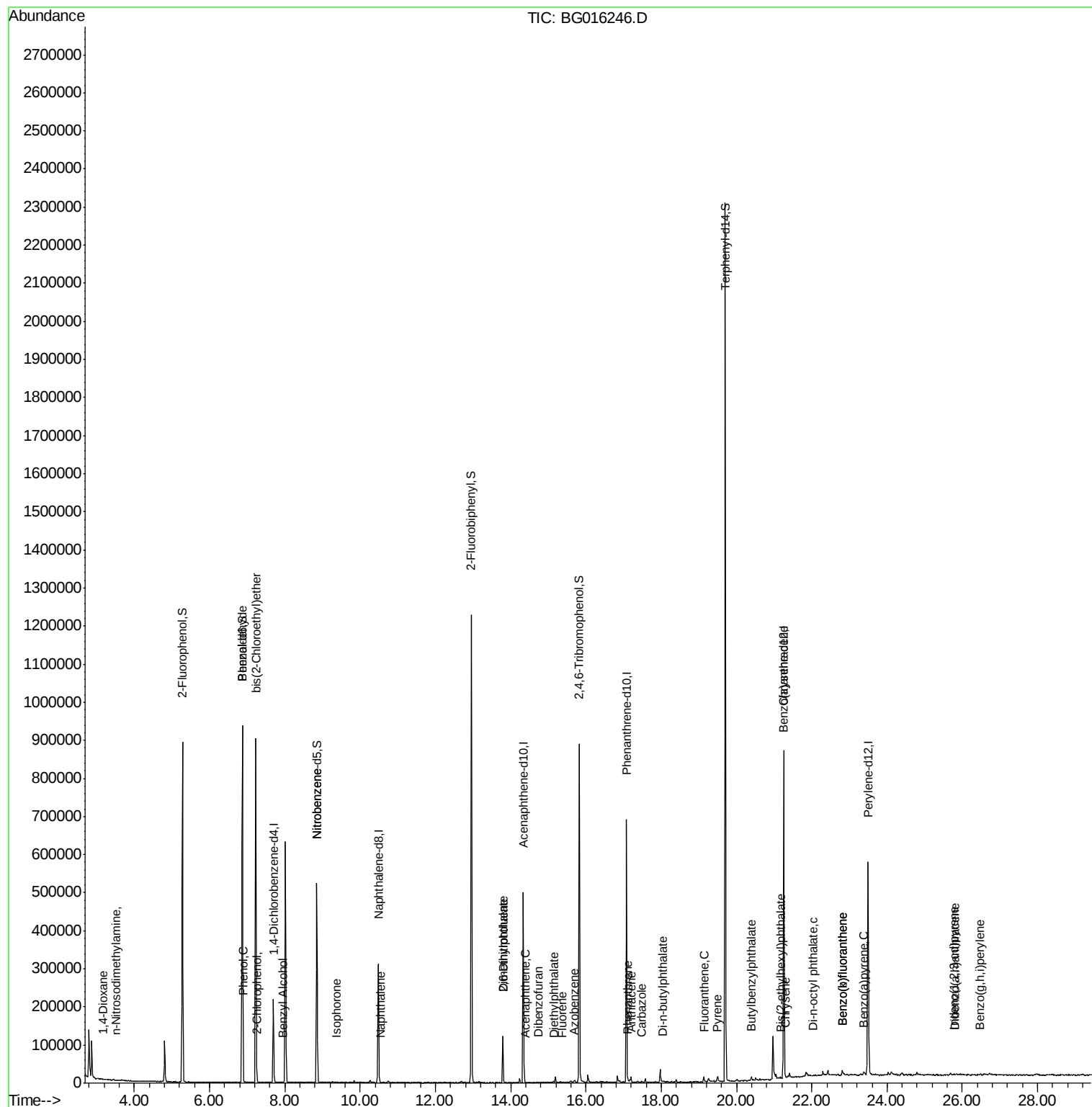
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

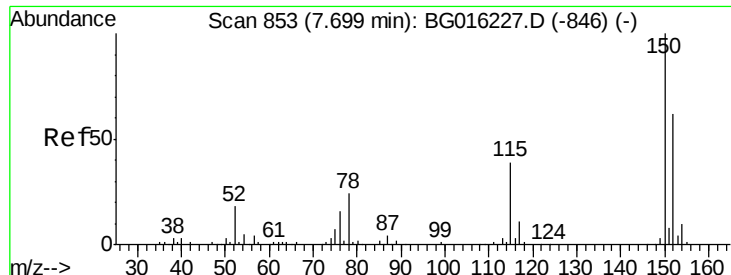
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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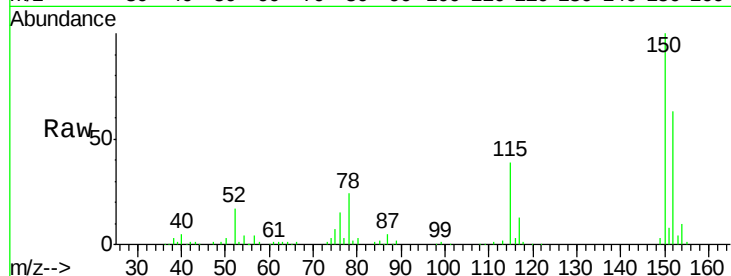


#1

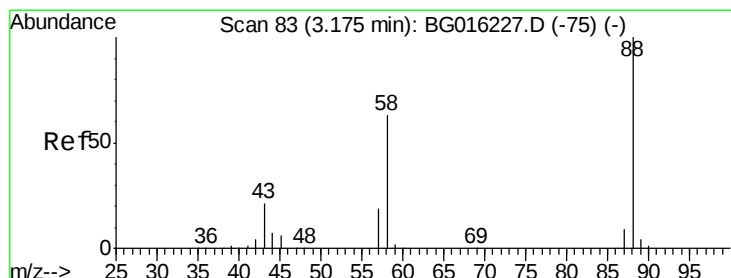
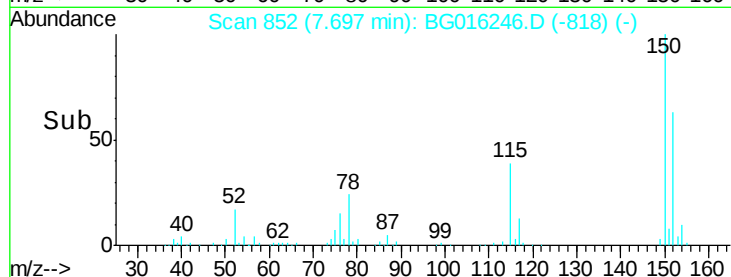
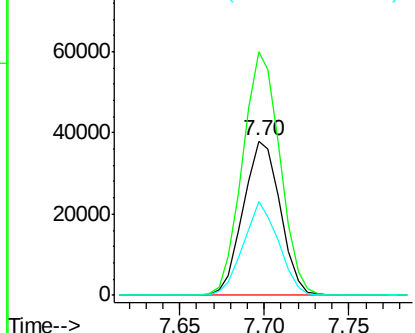
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 852
Delta R.T. -0.00 min
Lab File: BG016246.D
Acq: 7 Apr 2015 9:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58143
Ion Ratio Lower Upper
152 100
150 158.0 130.1 195.1
115 61.1 50.5 75.7



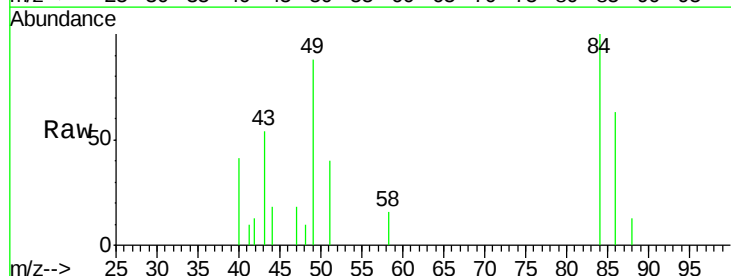
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



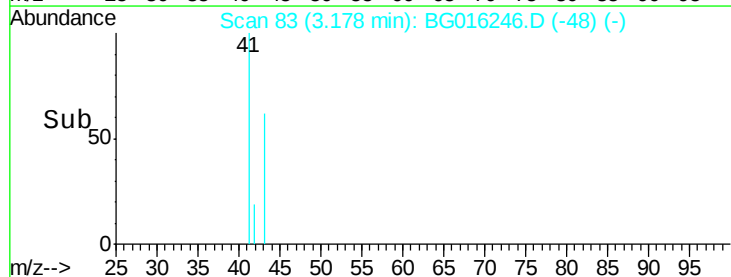
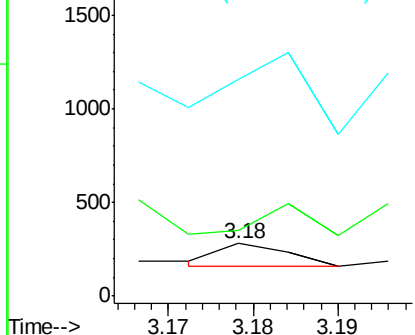
#2

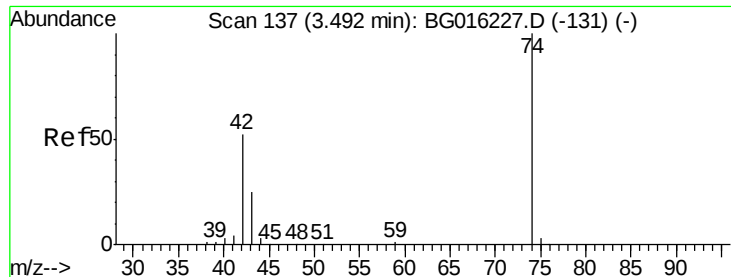
1,4-Dioxane
Concen: 0.04 ng
RT: 3.18 min Scan# 83
Delta R.T. 0.00 min
Lab File: BG016246.D
Acq: 7 Apr 2015 9:03

Tgt Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
58 104.3 50.6 76.0#
43 369.6 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: 0.04 ng

RT: 3.50 min Scan# 138

Delta R.T. 0.01 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

Instrument :

BNA_G

ClientSampled :

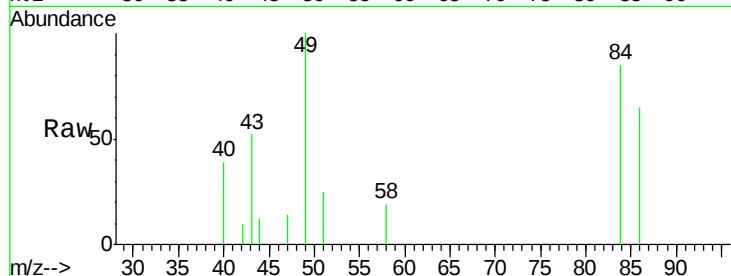
Tot Ion: 42 Resp: 59

Ion Ratio Lower Upper

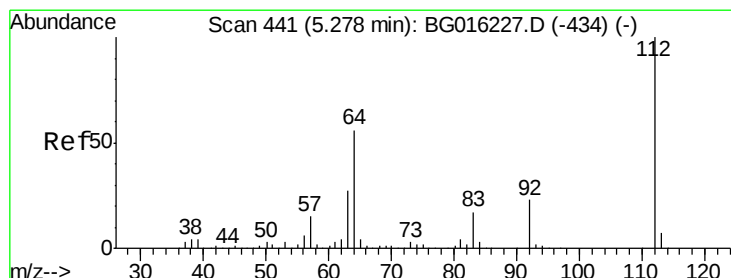
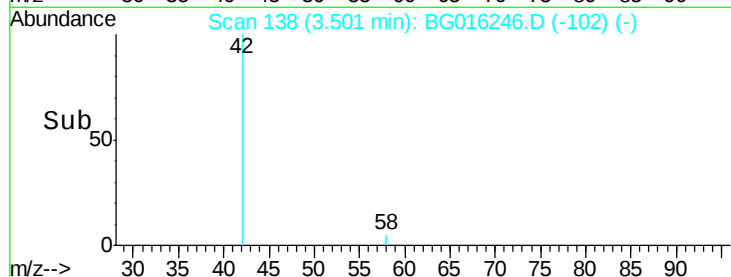
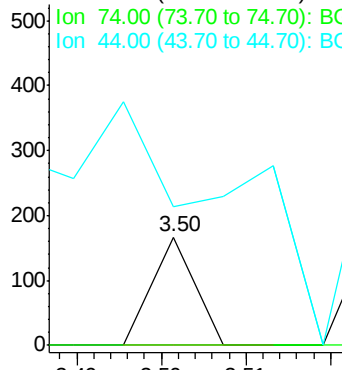
42 100

74 0.0 153.7 230.5#

44 127.5 5.3 7.9#



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



#5

2-Fluorophenol

Concen: 110.80 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

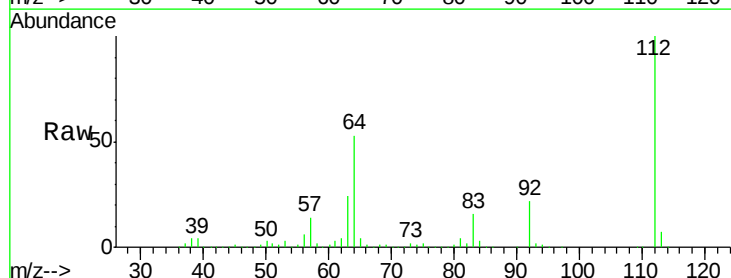
Tgt Ion: 112 Resp: 408184

Ion Ratio Lower Upper

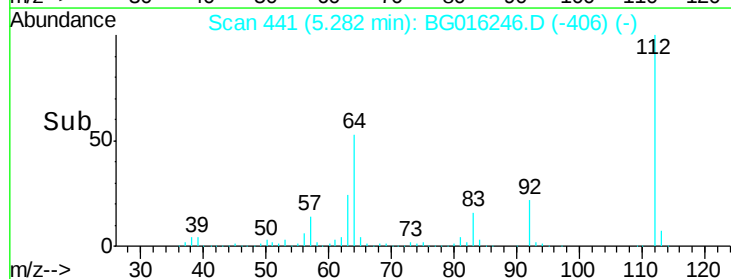
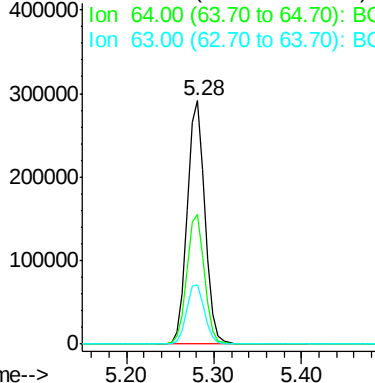
112 100

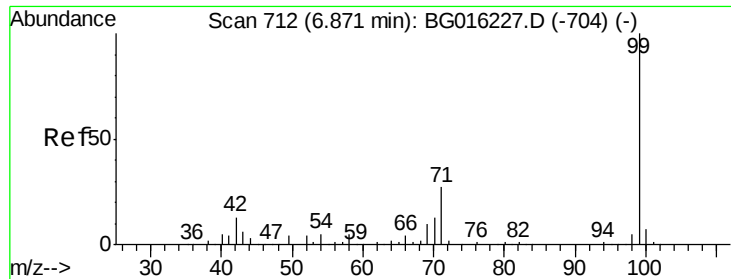
64 53.4 44.5 66.7

63 24.2 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 108.14 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

Instrument :

BNA_G

ClientSampleId :

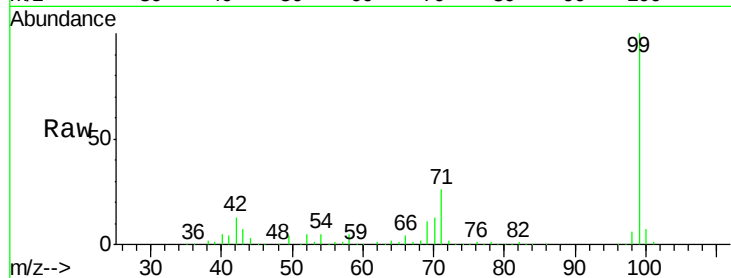
Tot Ion: 99 Resp: 598053

Ion Ratio Lower Upper

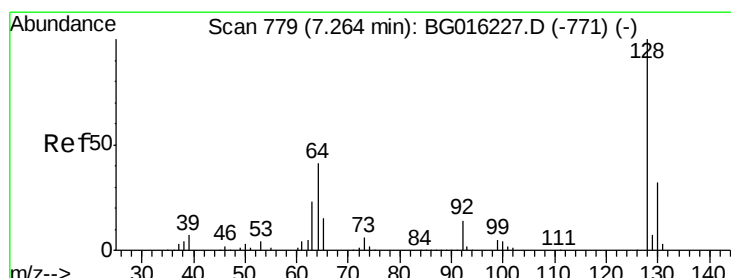
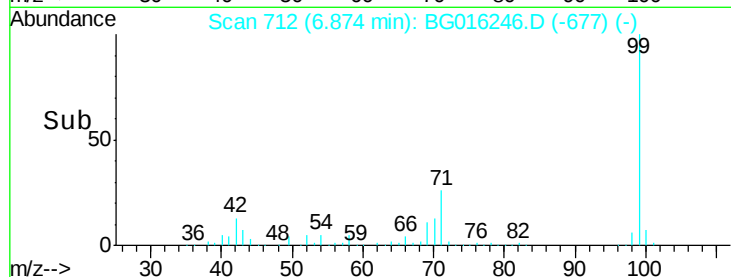
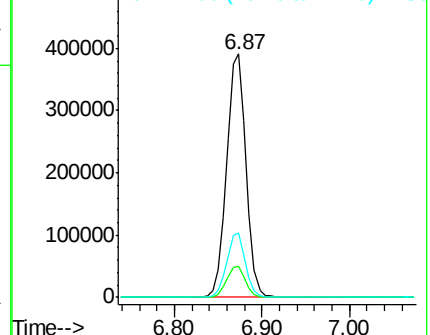
99 100

42 12.6 10.0 15.0

71 26.2 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: 7.27 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

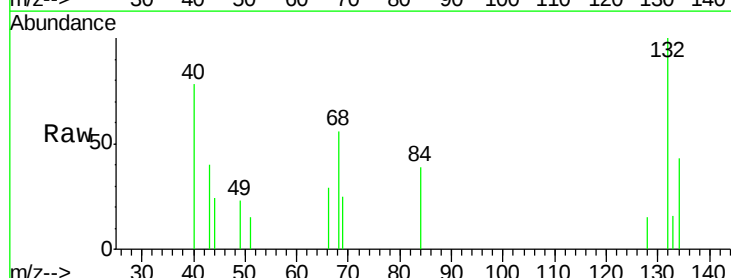
Tgt Ion: 128 Resp: 61

Ion Ratio Lower Upper

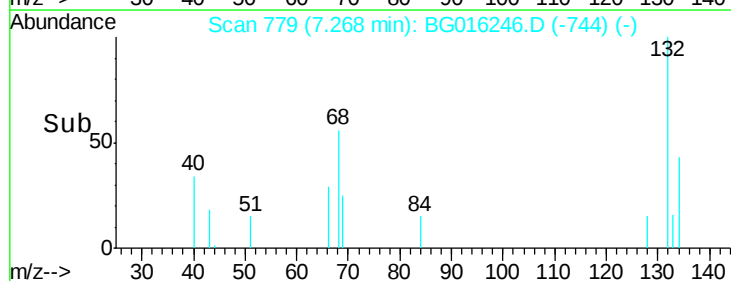
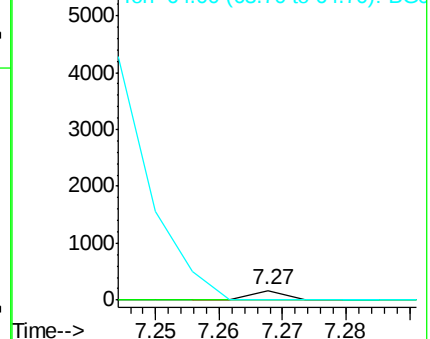
128 100

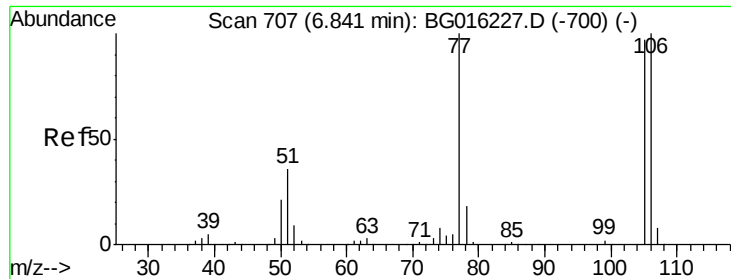
130 0.0 11.6 51.6#

64 0.0 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: 0.24 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.03 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

Instrument :

BNA_G

ClientSampleId :

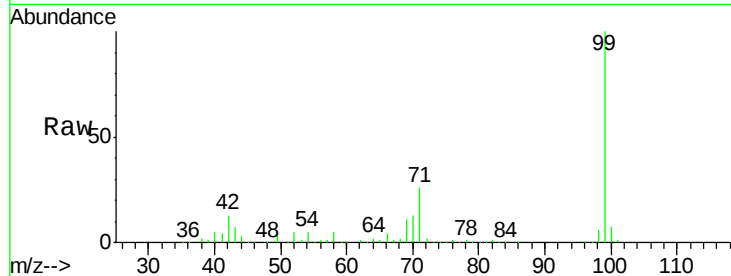
Tot Ion: 77 Resp: 768

Ion Ratio Lower Upper

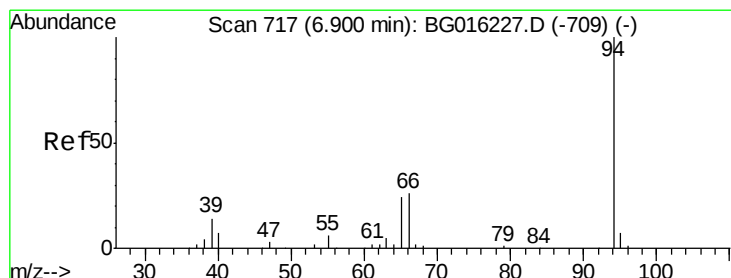
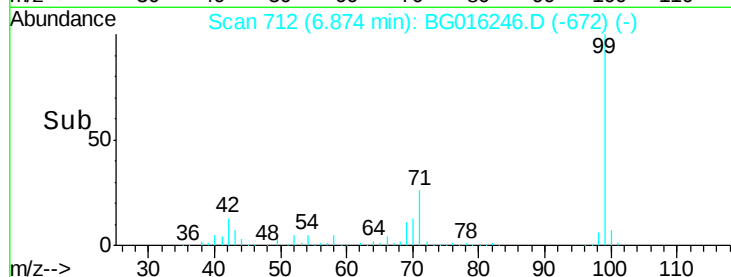
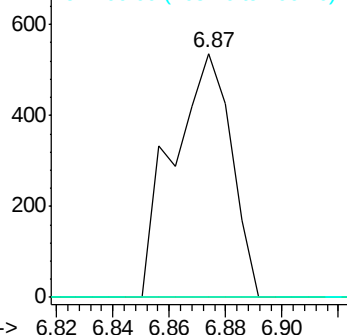
77 100

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: 0.40 ng

RT: 6.90 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

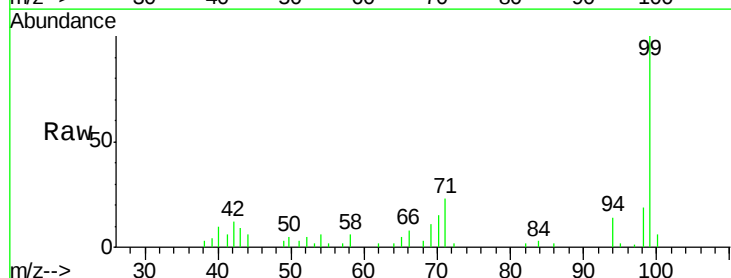
Tgt Ion: 94 Resp: 2392

Ion Ratio Lower Upper

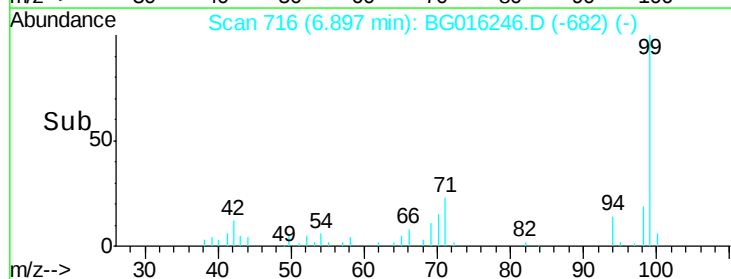
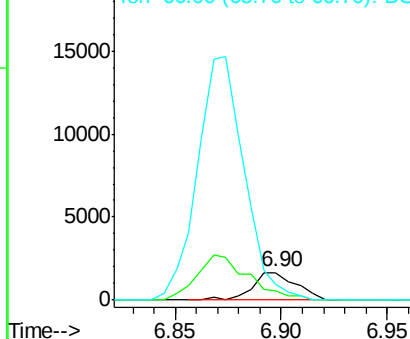
94 100

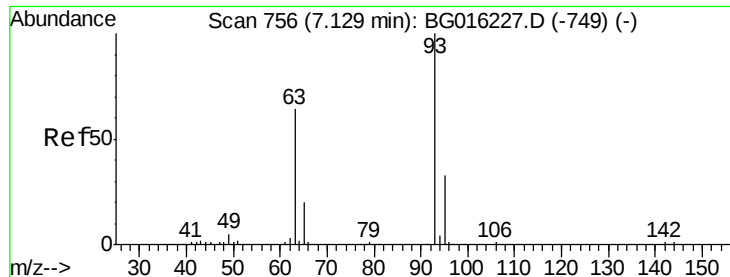
65 34.7 3.8 43.8

66 56.6 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

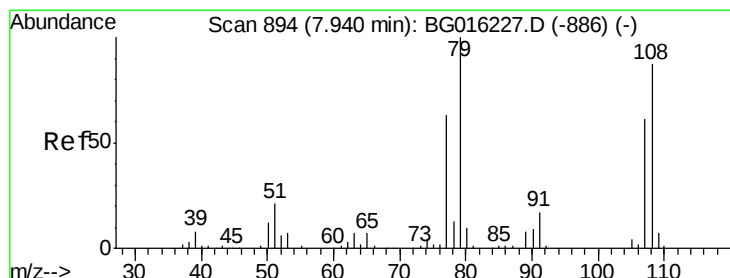
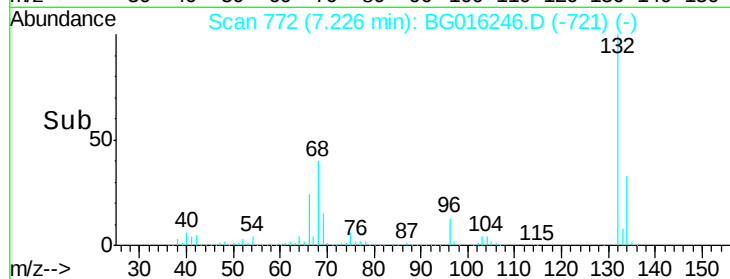
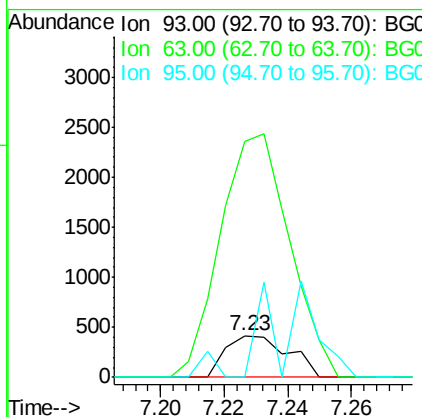
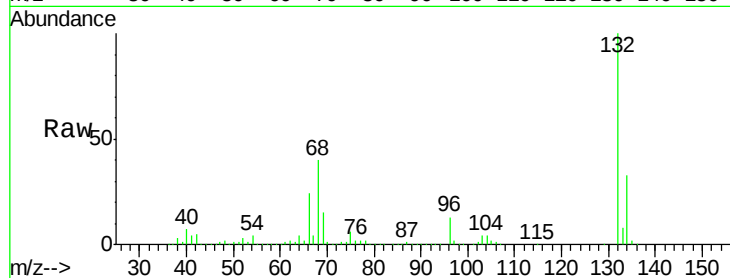




#11
bis(2-Chloroethyl)ether
Concen: 0.12 ng
RT: 7.23 min Scan# 772
Delta R.T. 0.10 min
Lab File: BG016246.D
Acq: 7 Apr 2015 9:03

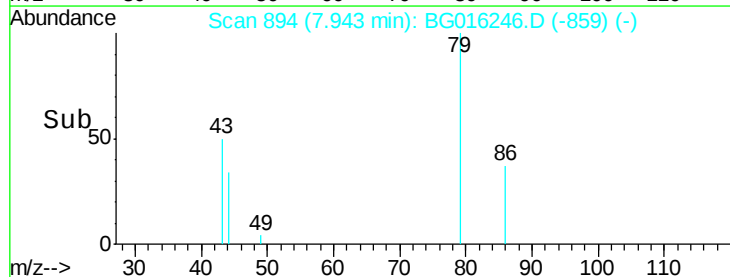
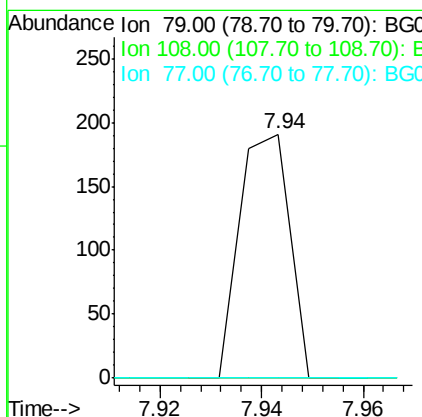
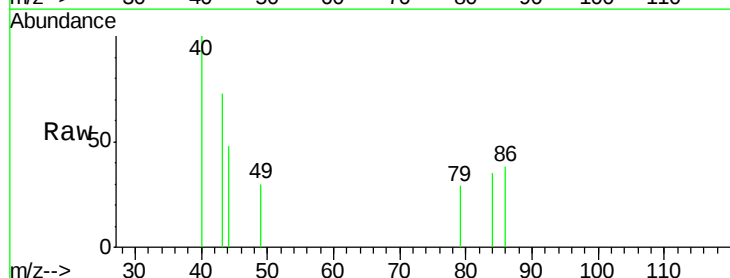
Instrument :
BNA_G
ClientSampleId :

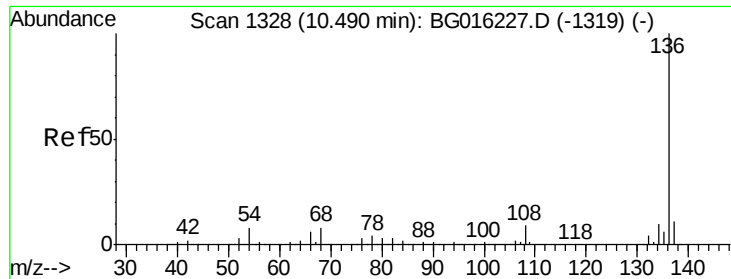
Tot Ion: 93 Resp: 571
Ion Ratio Lower Upper
93 100
63 565.3 44.1 84.1#
95 0.0 12.5 52.5#



#15
Benzyl Alcohol
Concen: 0.03 ng
RT: 7.94 min Scan# 894
Delta R.T. 0.00 min
Lab File: BG016246.D
Acq: 7 Apr 2015 9:03

Tgt Ion: 79 Resp: 131
Ion Ratio Lower Upper
79 100
108 0.0 69.3 103.9#
77 0.0 50.3 75.5#

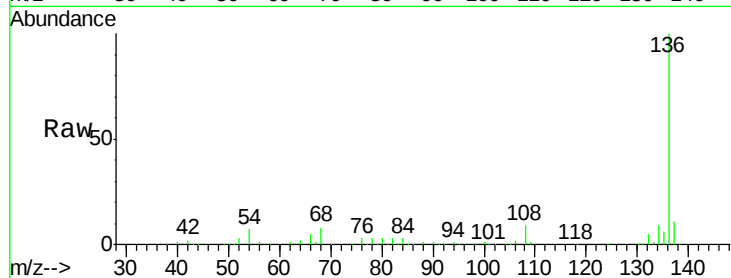




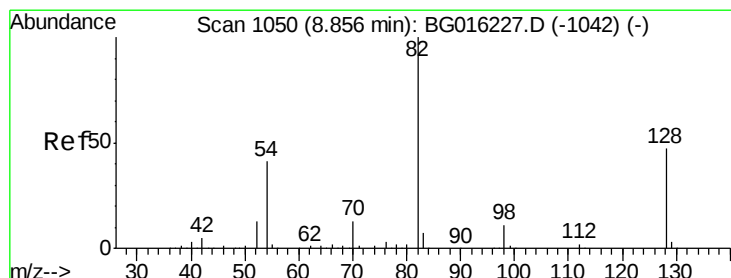
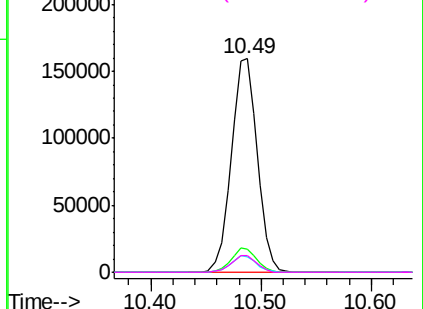
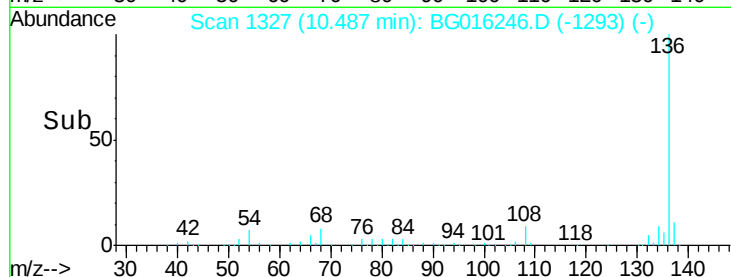
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.49 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG016246.D
Acq: 7 Apr 2015 9:03

Instrument :
BNA_G
ClientSampleID :

Tot Ion:136	Resp:	263154
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.7 13.1
54	7.2	6.3 9.5
68	7.6	6.5 9.7

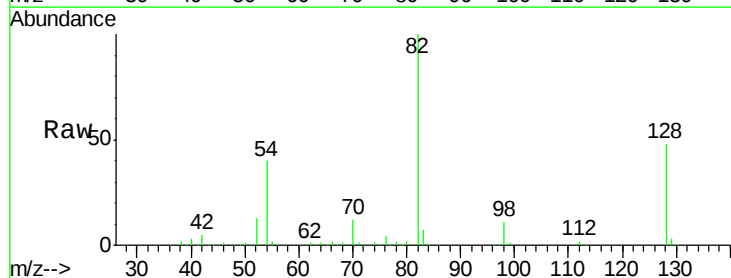


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

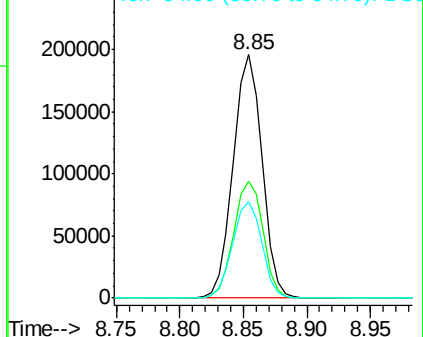
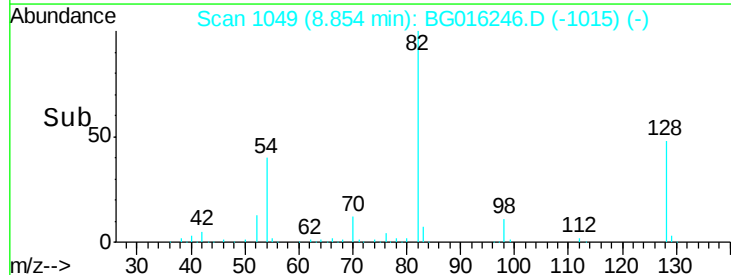


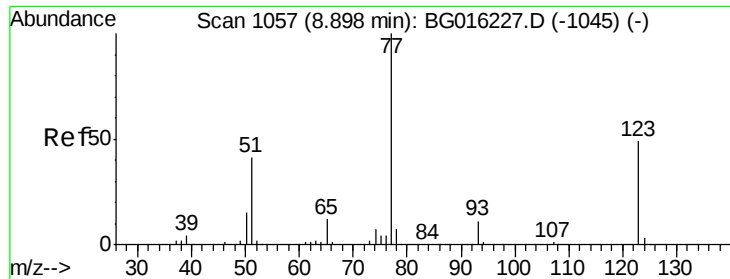
#23
Nitrobenzene-d5
Concen: 67.84 ng
RT: 8.85 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG016246.D
Acq: 7 Apr 2015 9:03

Tgt Ion: 82	Resp:	308184
Ion	Ratio	Lower Upper
82	100	
128	48.2	37.8 56.8
54	39.7	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

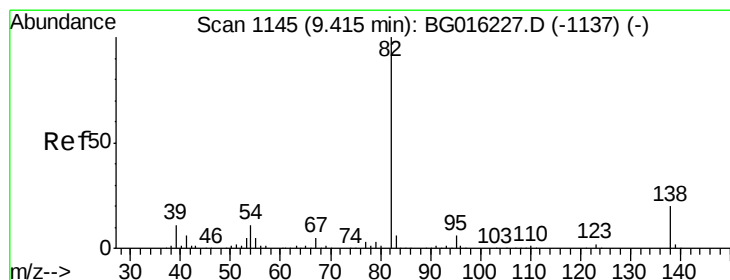
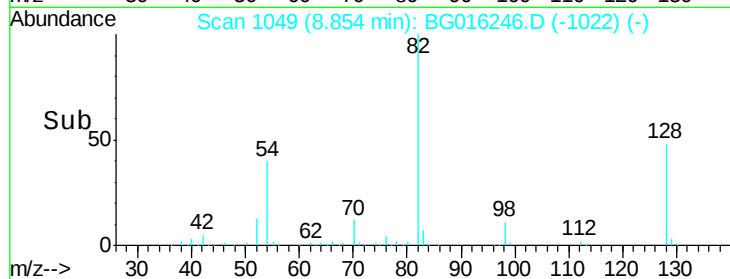
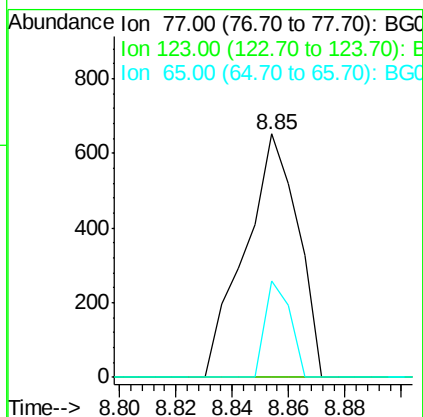
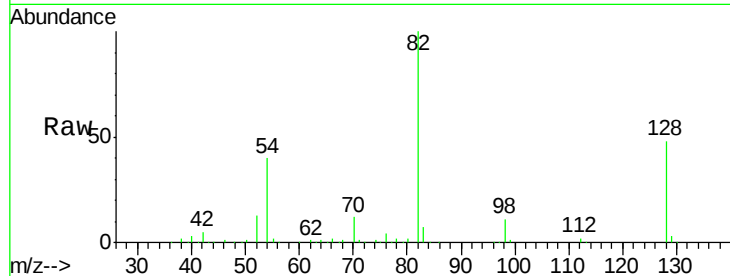




#24
 Nitrobenzene
 Concen: 0.17 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.04 min
 Lab File: BG016246.D
 Acq: 7 Apr 2015 9:03

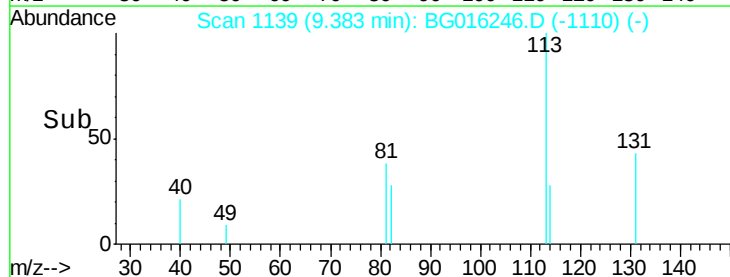
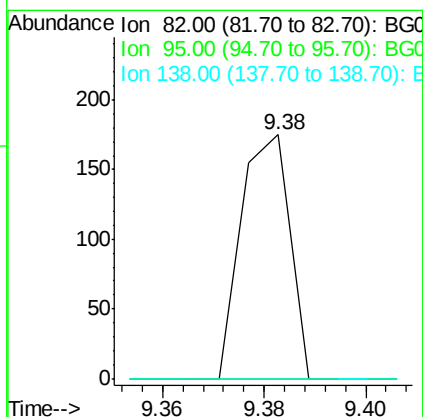
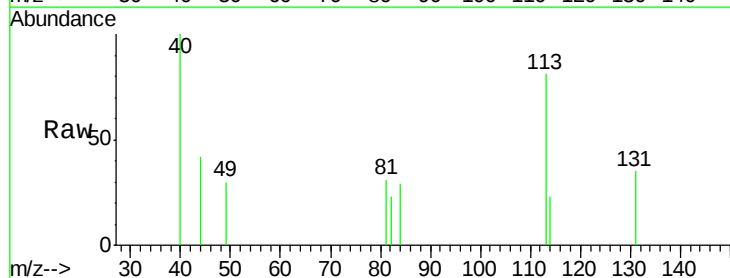
Instrument :
 BNA_G
 ClientSampled :

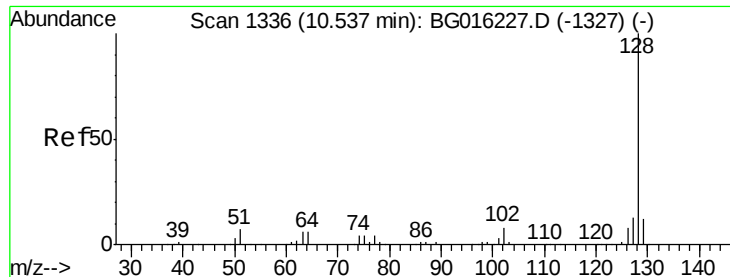
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.8	58.2#
65	39.4	9.4	14.2#



#25
 Isophorone
 Concen: 0.01 ng
 RT: 9.38 min Scan# 1139
 Delta R.T. -0.03 min
 Lab File: BG016246.D
 Acq: 7 Apr 2015 9:03

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





#31

Naphthalene

Concen: 0.01 ng

RT: 10.54 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

Instrument :

BNA_G

ClientSampleId :

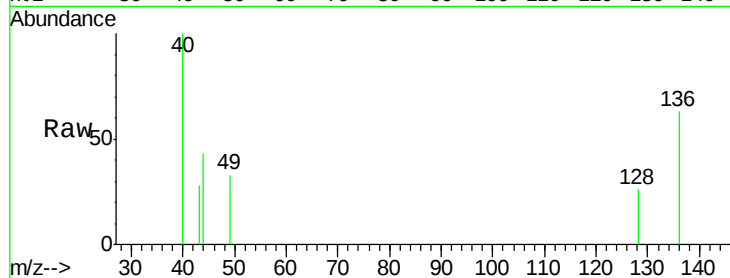
Tot Ion:128 Resp: 117

Ion Ratio Lower Upper

128 100

129 0.0 9.2 13.8#

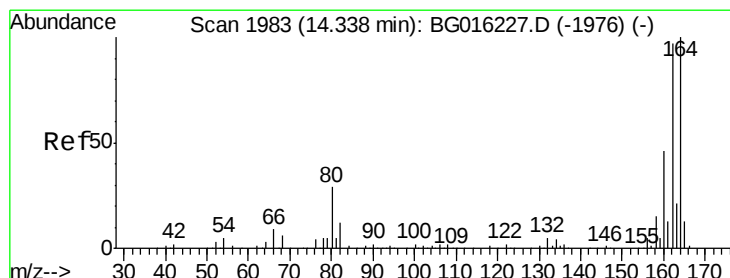
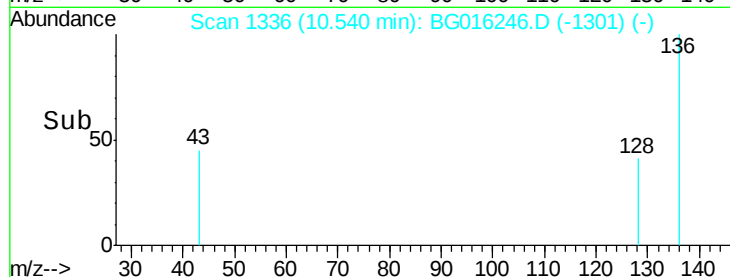
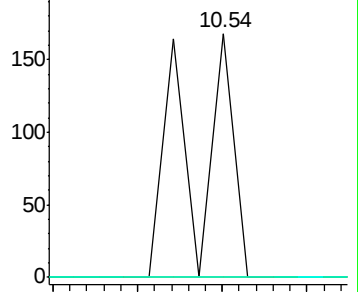
127 0.0 10.6 16.0#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.34 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

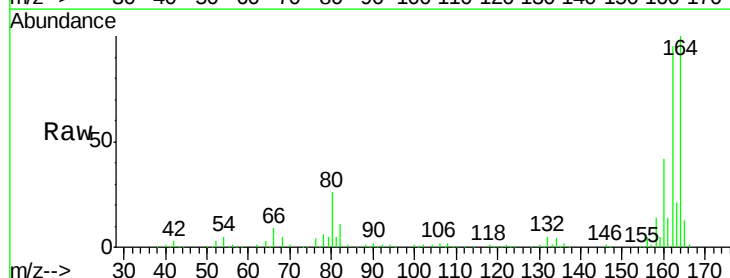
Tgt Ion:164 Resp: 161895

Ion Ratio Lower Upper

164 100

162 95.4 77.3 115.9

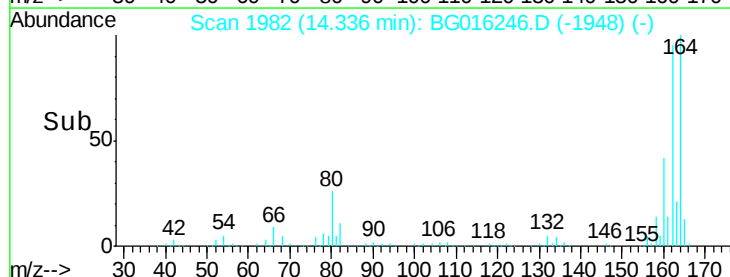
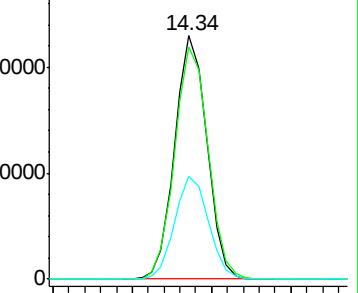
160 42.3 36.7 55.1

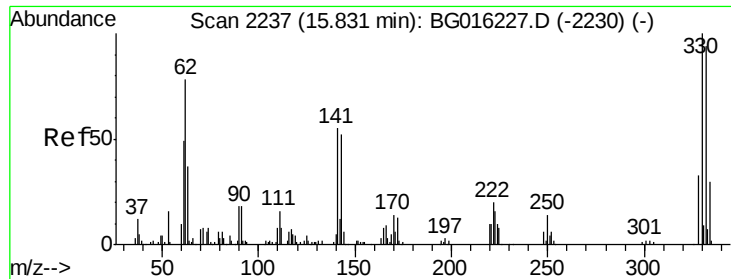


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

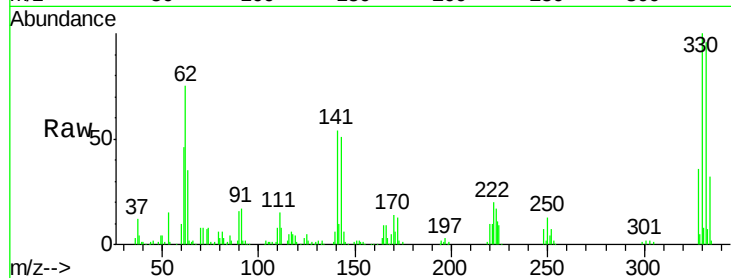




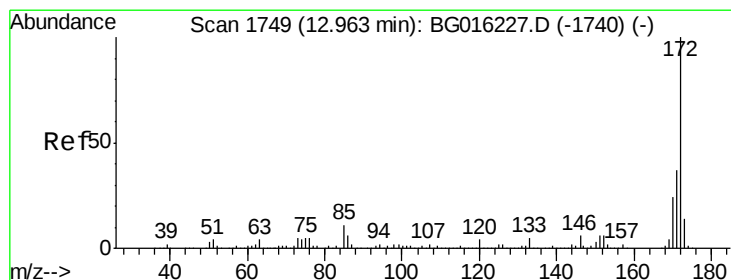
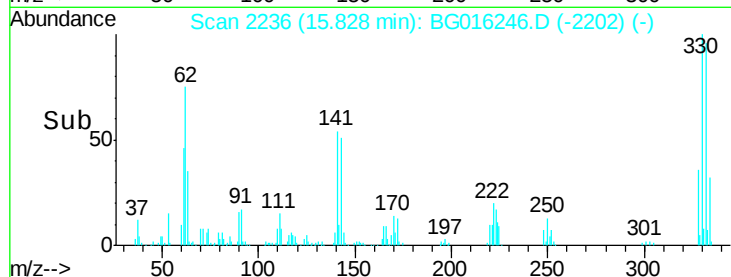
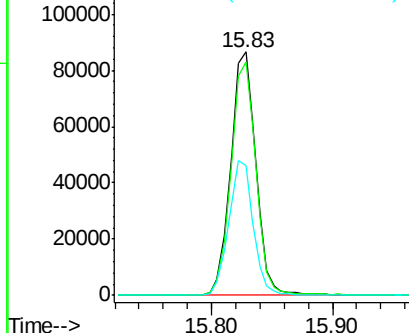
#41
 2,4,6-Tribromophenol
 Concen: 114.96 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BG016246.D
 Acq: 7 Apr 2015 9:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.8	113.6
141	54.0	46.6	69.8

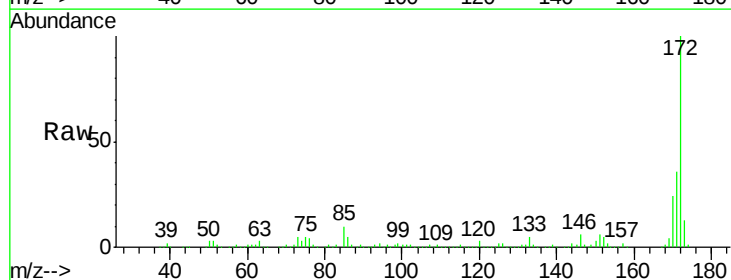


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

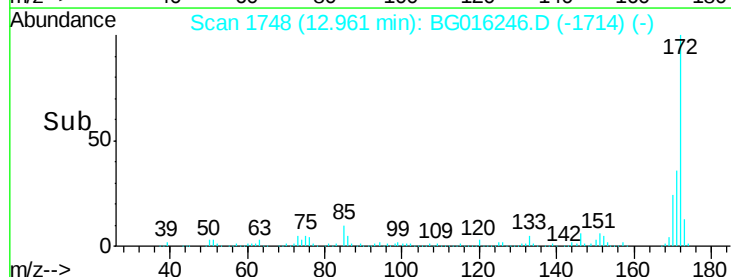
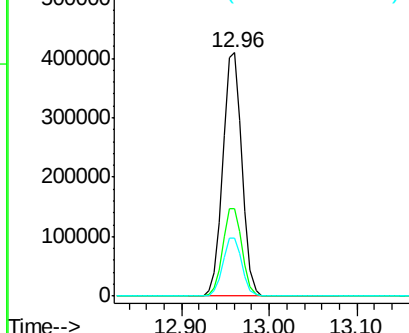


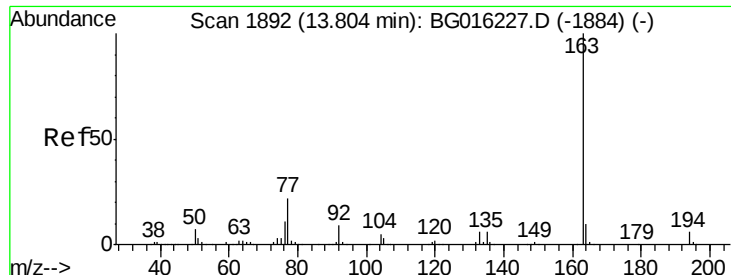
#44
 2-Fluorobiphenyl
 Concen: 64.91 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG016246.D
 Acq: 7 Apr 2015 9:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.6	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





#49

Dimethylphthalate

Concen: 6.44 ng

RT: 13.80 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

Instrument :

BNA_G

ClientSampled :

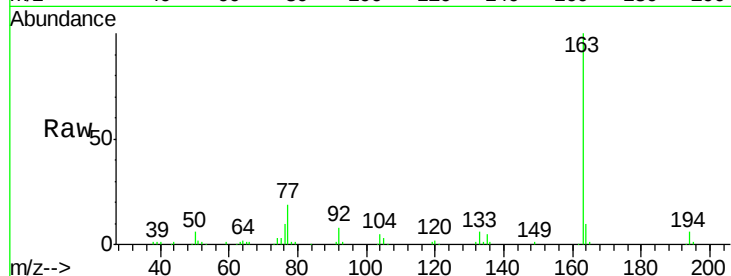
Tot Ion:163 Resp: 76443

Ion Ratio Lower Upper

163 100

194 5.9 5.0 7.4

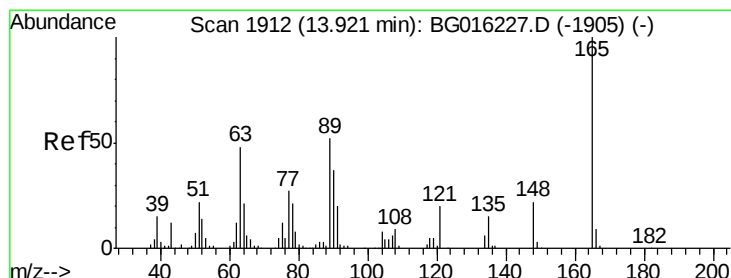
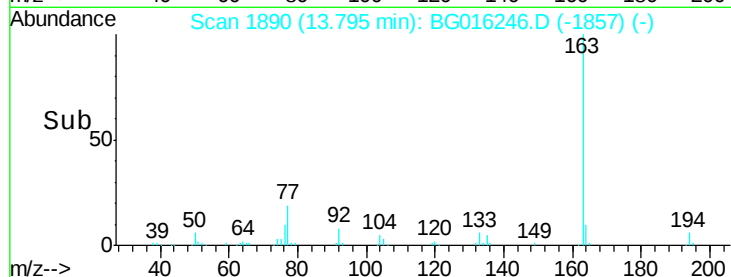
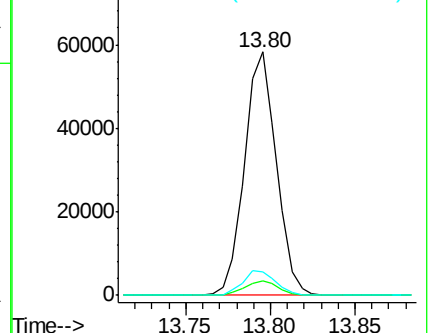
164 9.9 8.2 12.4



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: 0.32 ng

RT: 13.80 min Scan# 1890

Delta R.T. -0.13 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

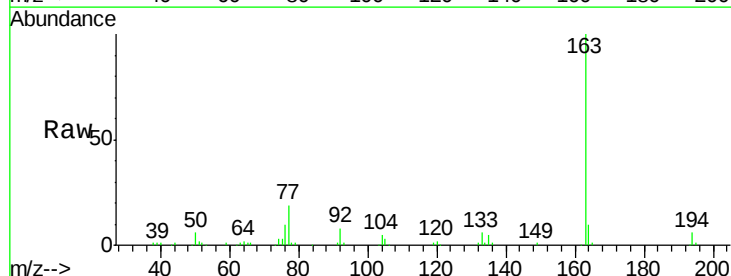
Tgt Ion:165 Resp: 922

Ion Ratio Lower Upper

165 100

63 92.9 39.3 58.9#

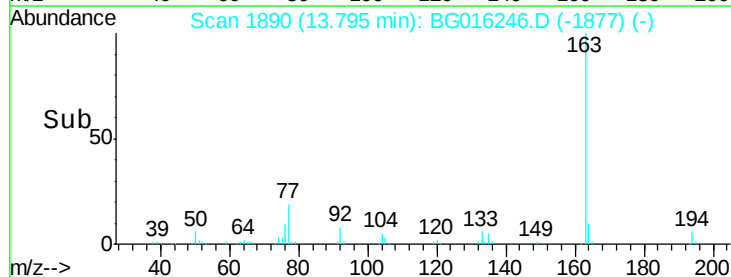
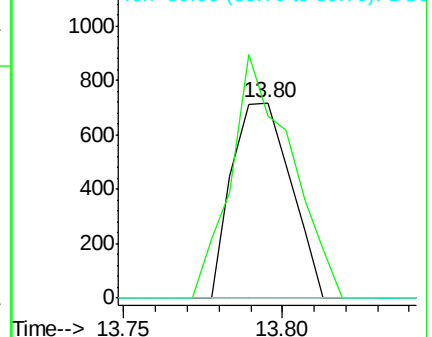
89 0.0 41.3 61.9#

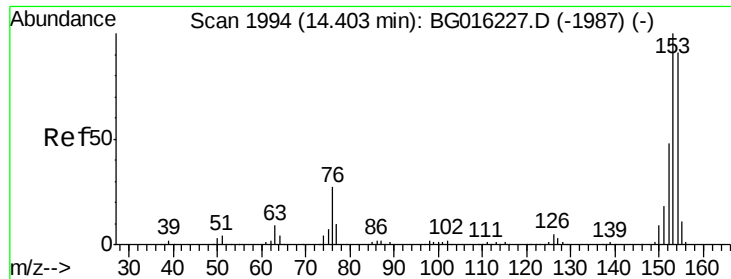


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 0.01 ng

RT: 14.41 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

Instrument :

BNA_G

ClientSampleId :

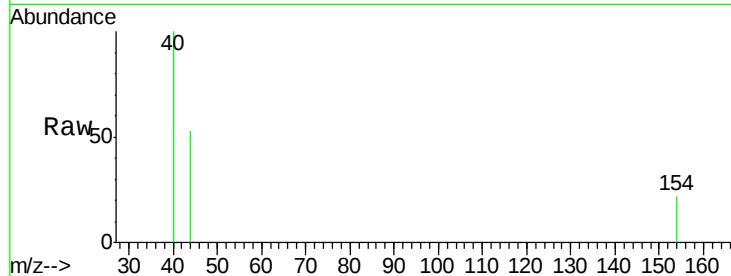
Tot Ion:154 Resp: 55

Ion Ratio Lower Upper

154 100

153 0.0 87.5 131.3#

152 0.0 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

14.41

150

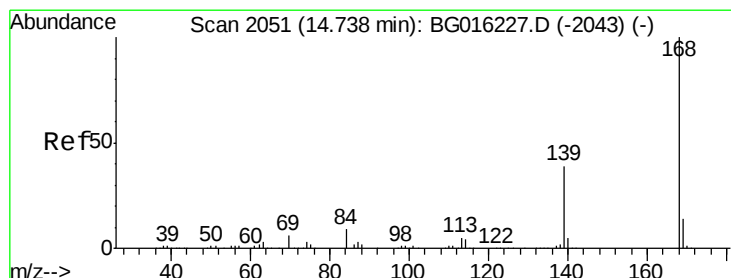
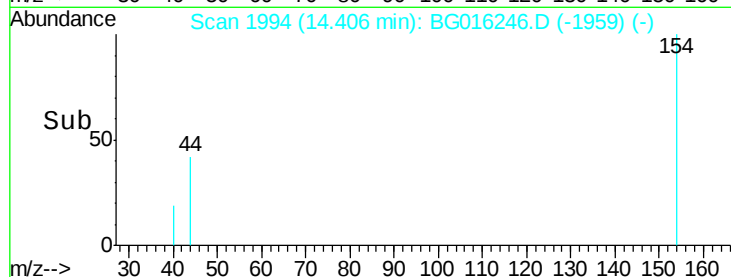
100

50

0

14.40 14.42

Time-->



#54

Dibenzofuran

Concen: 0.02 ng

RT: 14.74 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

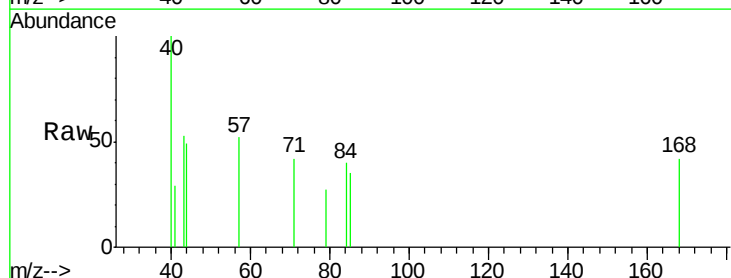
Tgt Ion:168 Resp: 271

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

14.74

300

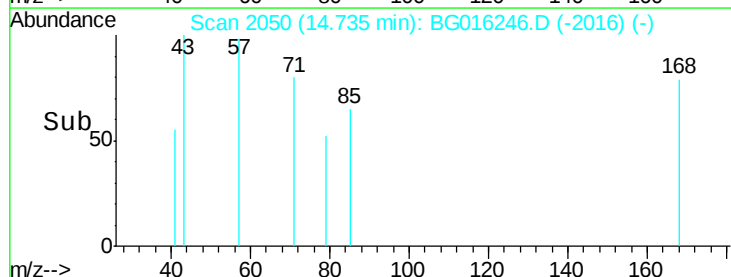
200

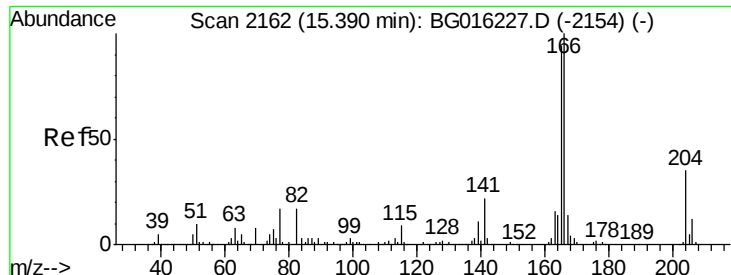
100

0

14.70 14.72 14.74 14.76

Time-->

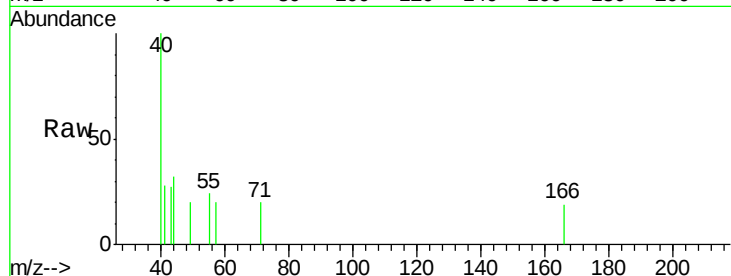




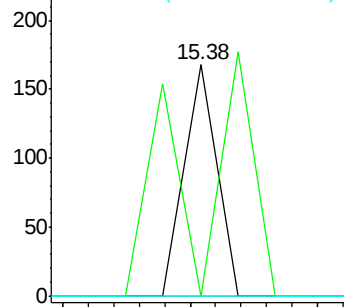
#57
 Fluorene
 Concen: 0.00 ng
 RT: 15.38 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG016246.D
 Acq: 7 Apr 2015 9:03

Instrument :
 BNA_G
 ClientSampleId :

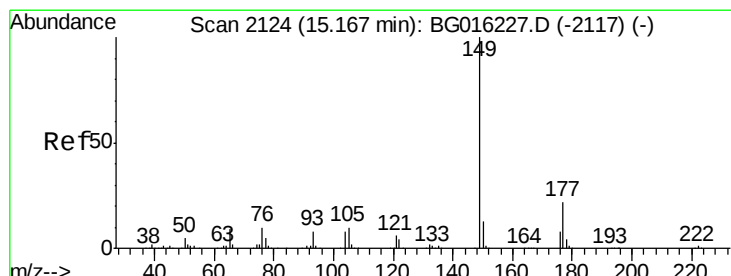
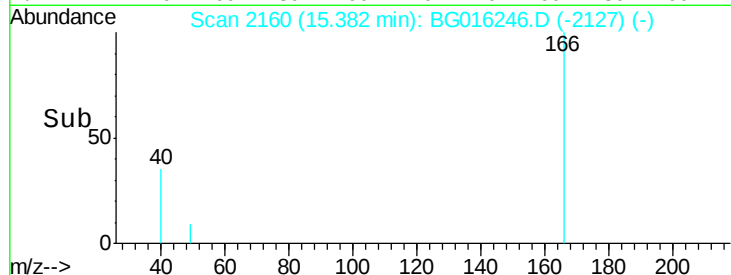
Tot Ion:166 Resp: 59
 Ion Ratio Lower Upper
 166 100
 165 0.0 75.2 112.8#
 167 0.0 11.3 16.9#



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

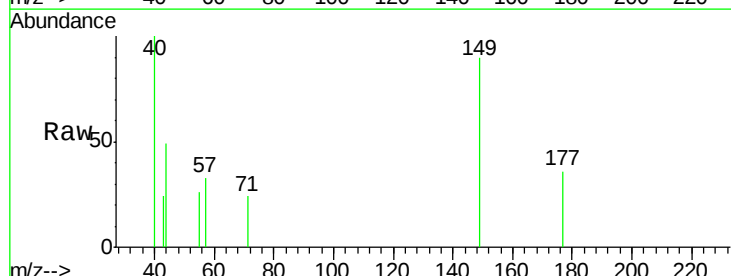


Time--> 15.36 15.38 15.40

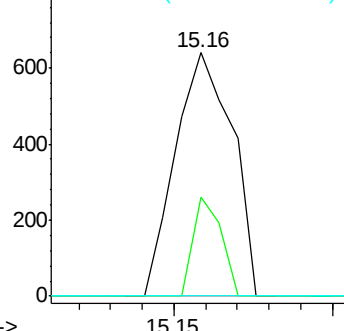


#59
 Diethylphthalate
 Concen: 0.06 ng
 RT: 15.16 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BG016246.D
 Acq: 7 Apr 2015 9:03

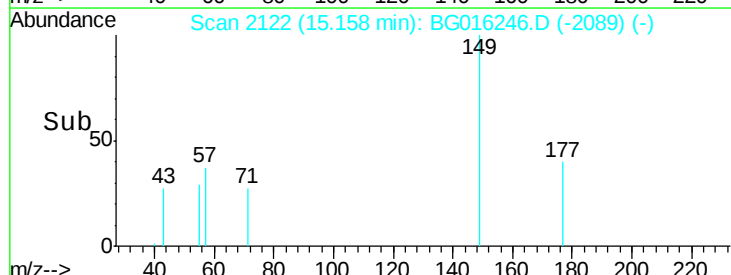
Tgt Ion:149 Resp: 795
 Ion Ratio Lower Upper
 149 100
 177 40.4 17.7 26.5#
 150 0.0 10.0 15.0#

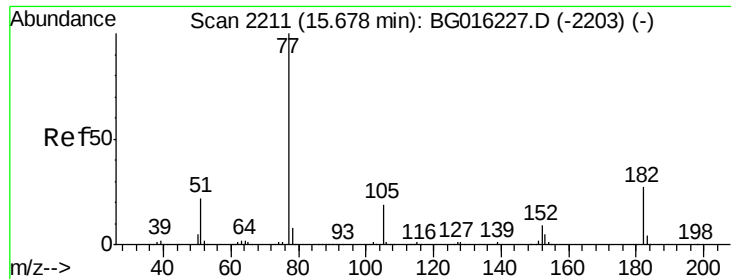


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E



Time--> 15.15





#62

Azobenzene

Concen: 0.12 ng

RT: 15.69 min Scan# 2213

Delta R.T. 0.02 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1633

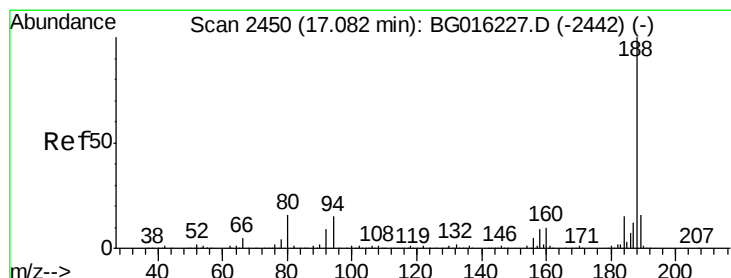
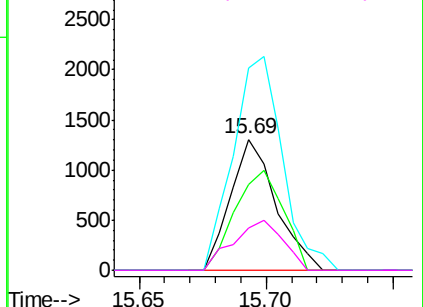
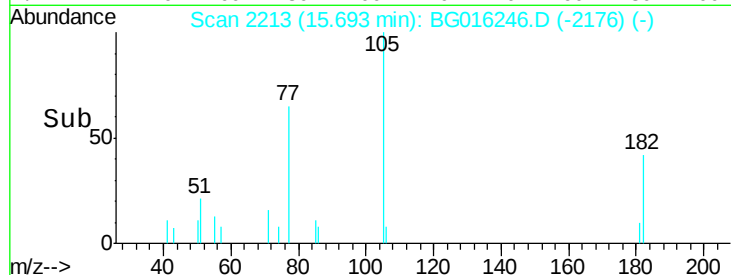
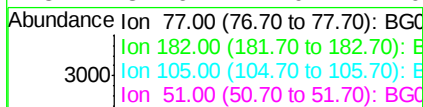
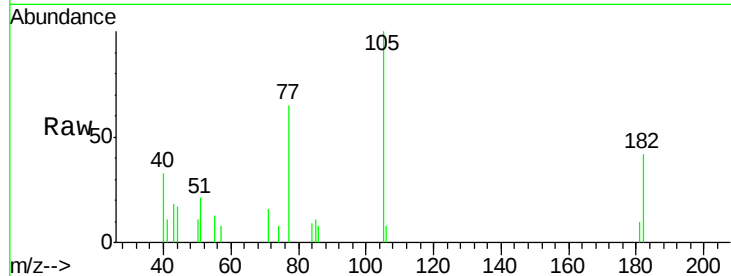
Ion Ratio Lower Upper

77 100

182 65.4 6.6 46.6#

105 154.9 0.0 39.2#

51 32.6 2.0 42.0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

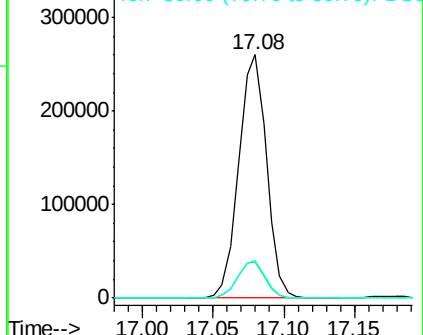
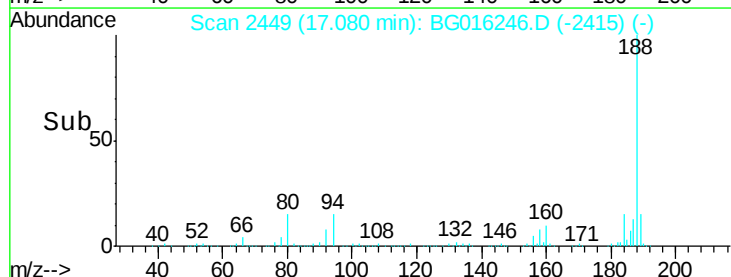
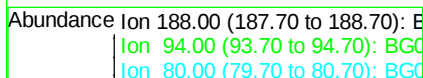
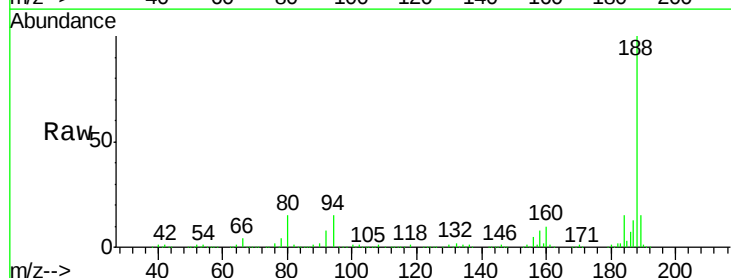
Tgt Ion: 188 Resp: 358013

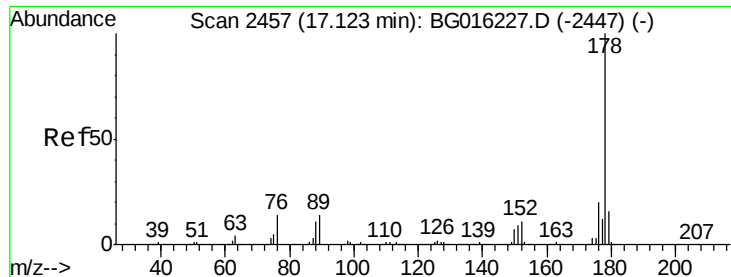
Ion Ratio Lower Upper

188 100

94 15.1 12.2 18.4

80 15.2 12.8 19.2





#70

Phenanthrene

Concen: 0.23 ng

RT: 17.12 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

Instrument :

BNA_G

ClientSampleId :

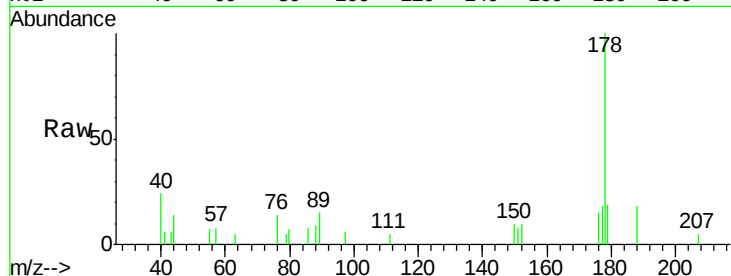
Tot Ion:178 Resp: 4618

Ion Ratio Lower Upper

178 100

176 15.4 16.2 24.4#

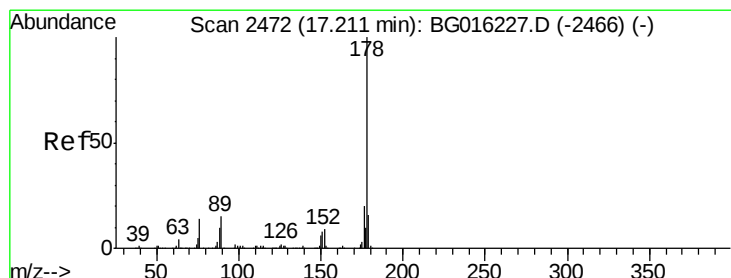
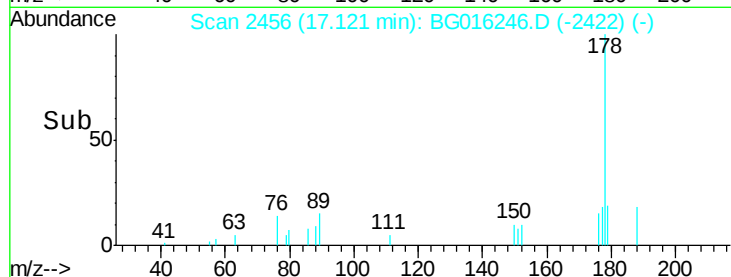
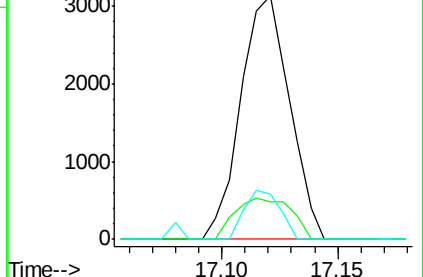
179 18.6 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.05 ng

RT: 17.21 min Scan# 2471

Delta R.T. -0.00 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

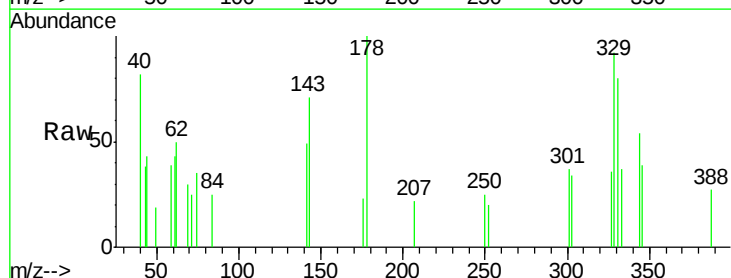
Tgt Ion:178 Resp: 1075

Ion Ratio Lower Upper

178 100

176 23.3 15.9 23.9

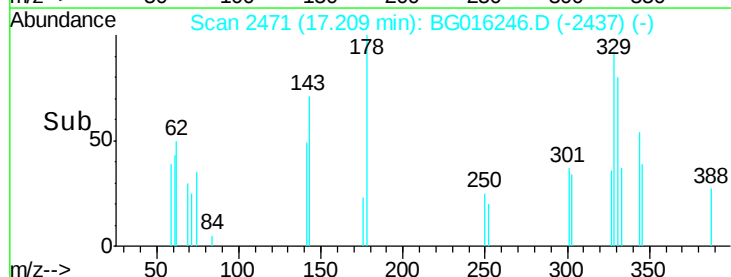
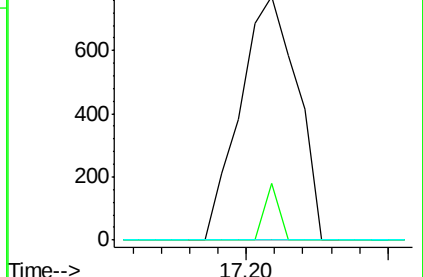
179 0.0 13.0 19.6#

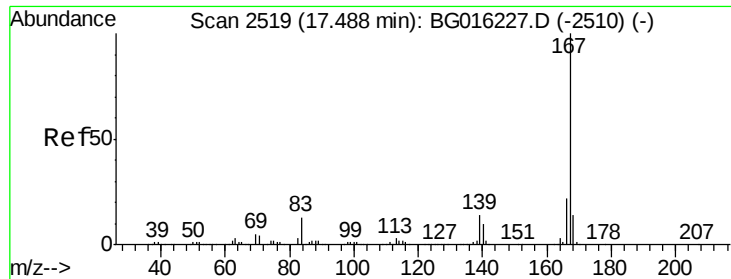


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

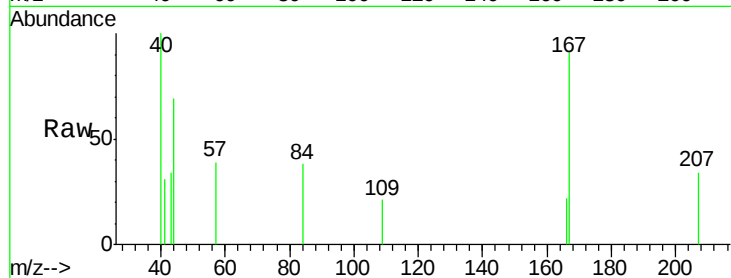




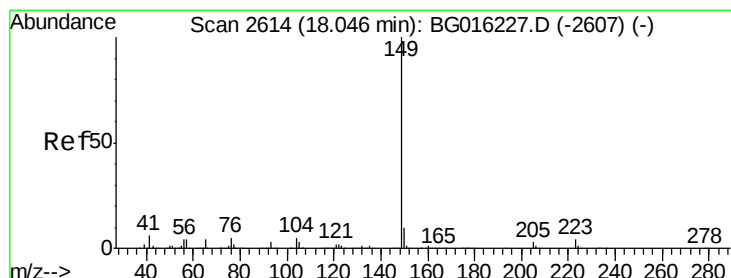
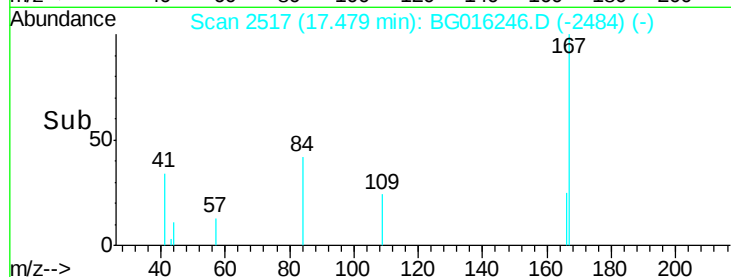
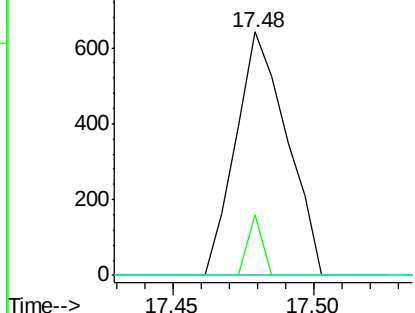
#72
 Carbazole
 Concen: 0.04 ng
 RT: 17.48 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG016246.D
 Acq: 7 Apr 2015 9:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 804
 Ion Ratio Lower Upper
 167 100
 166 24.8 17.9 26.9
 139 0.0 11.5 17.3#

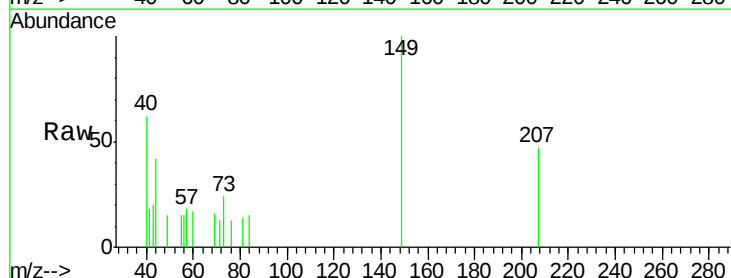


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

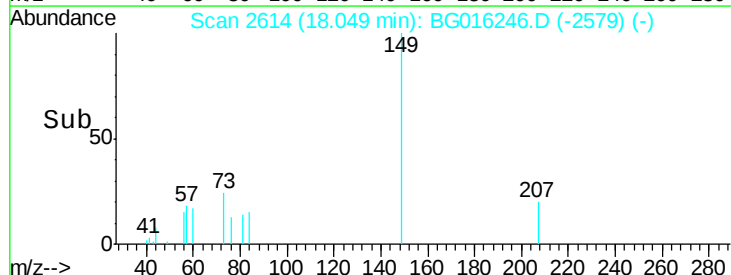
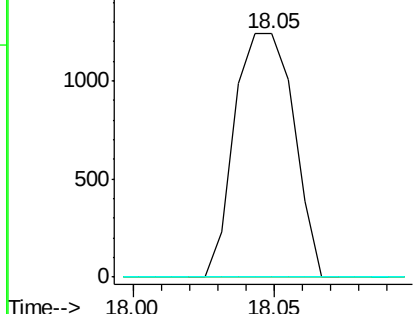


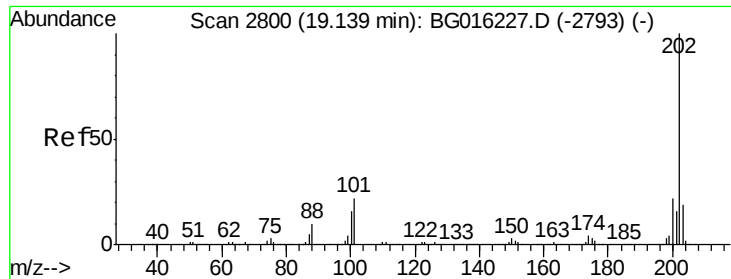
#73
 Di-n-butylphthalate
 Concen: 0.07 ng
 RT: 18.05 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BG016246.D
 Acq: 7 Apr 2015 9:03

Tgt Ion:149 Resp: 1792
 Ion Ratio Lower Upper
 149 100
 150 0.0 8.2 12.4#
 104 0.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

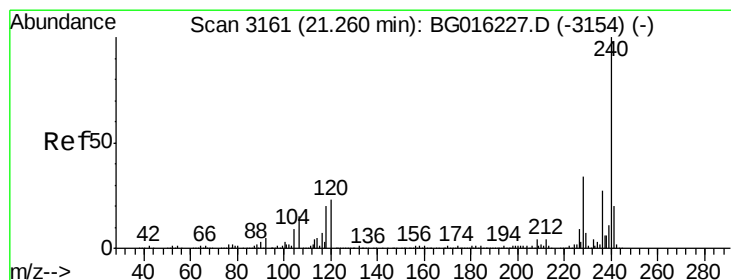
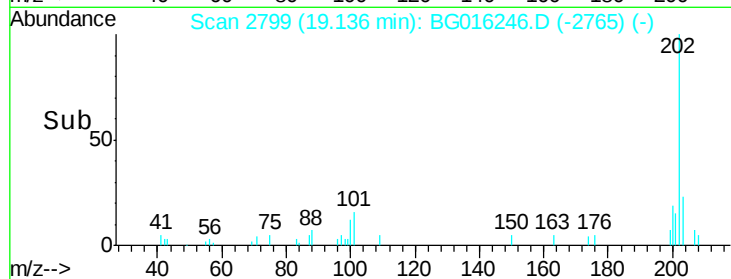
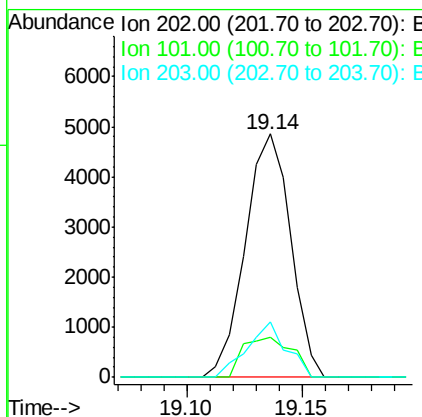
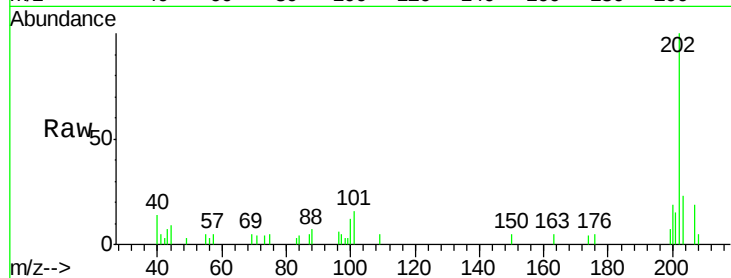




#74
Fluoranthene
Concen: 0.32 ng
RT: 19.14 min Scan# 2799
Delta R.T. -0.00 min
Lab File: BG016246.D
Acq: 7 Apr 2015 9:03

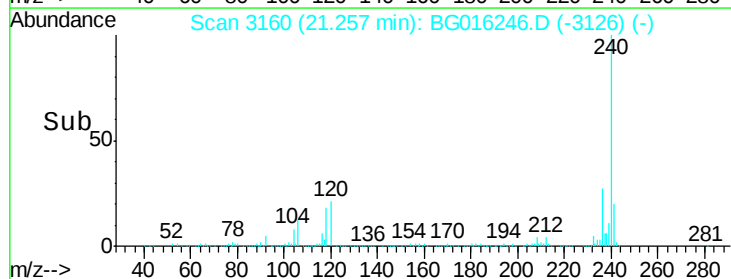
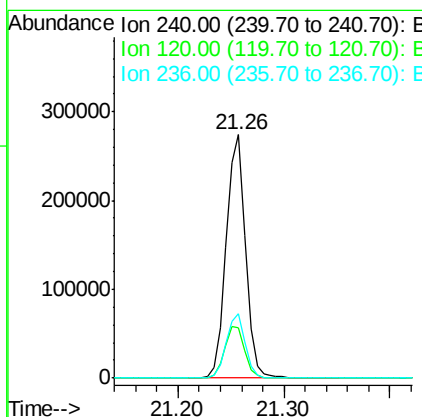
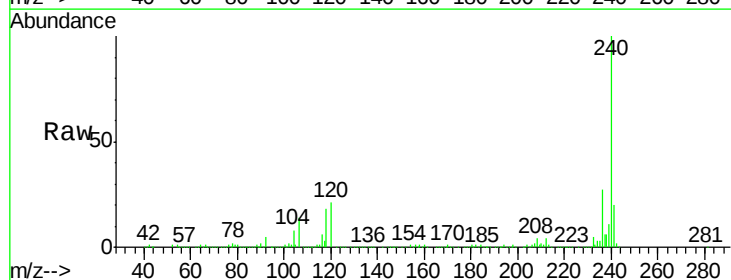
Instrument :
BNA_G
ClientSampleId :

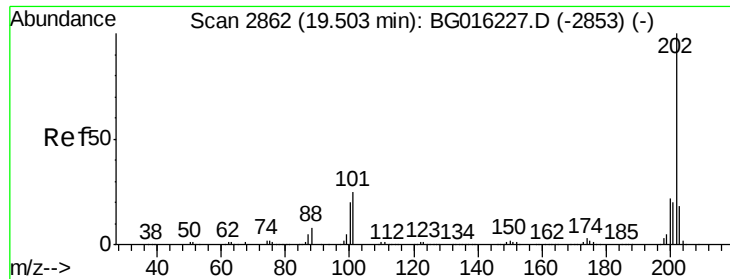
Tot Ion:202 Resp: 6643
Ion Ratio Lower Upper
202 100
101 16.5 1.7 41.7
203 22.7 0.0 38.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.26 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG016246.D
Acq: 7 Apr 2015 9:03

Tgt Ion:240 Resp: 345571
Ion Ratio Lower Upper
240 100
120 20.7 18.6 28.0
236 26.5 21.7 32.5

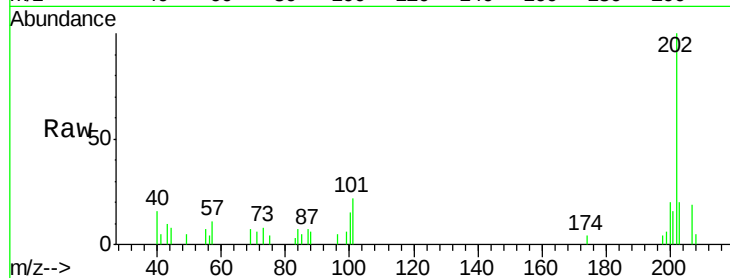




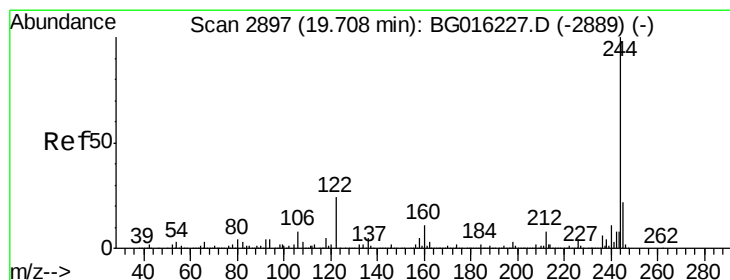
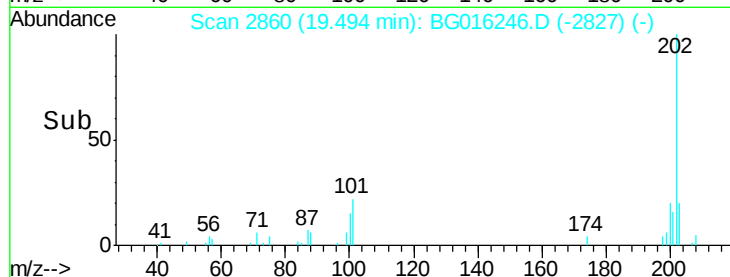
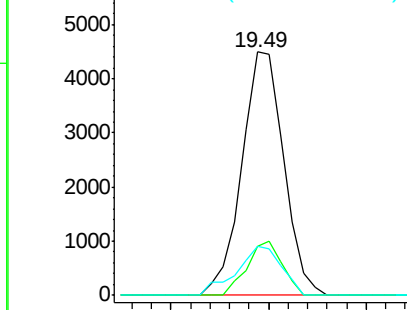
#77
 Pvrene
 Concen: 0.28 ng
 RT: 19.49 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG016246.D
 Acq: 7 Apr 2015 9:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:202 Resp: 6700
 Ion Ratio Lower Upper
 202 100
 200 20.0 17.8 26.8
 203 20.3 14.7 22.1

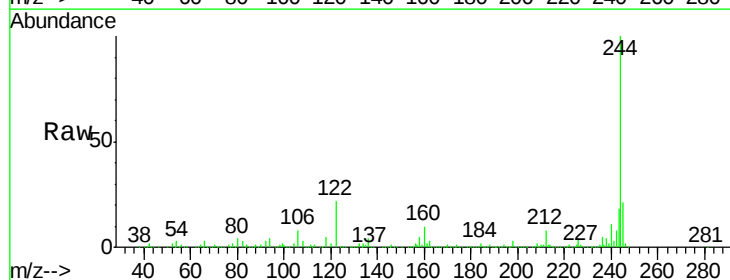


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

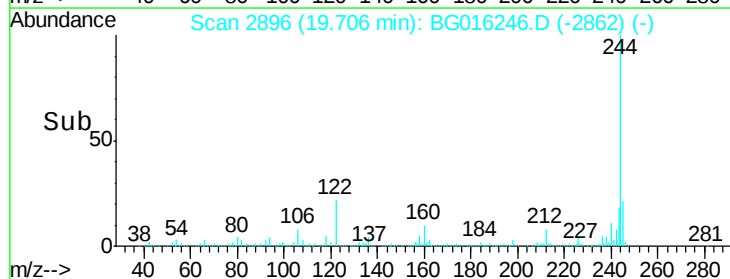
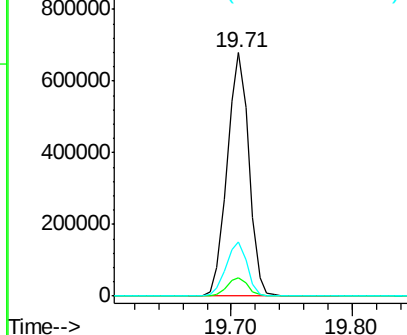


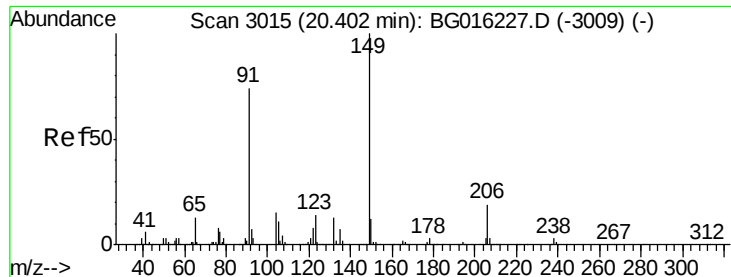
#78
 Terphenyl-d14
 Concen: 57.39 ng
 RT: 19.71 min Scan# 2896
 Delta R.T. -0.00 min
 Lab File: BG016246.D
 Acq: 7 Apr 2015 9:03

Tgt Ion:244 Resp: 847390
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.6 9.8
 122 22.1 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

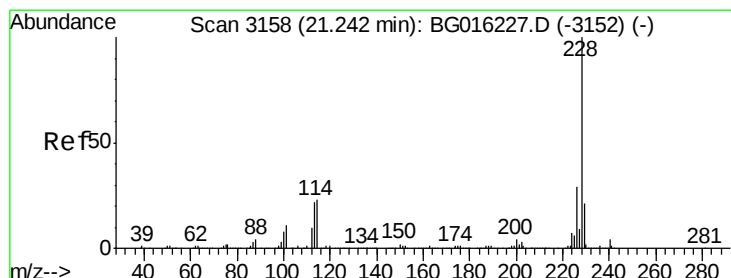
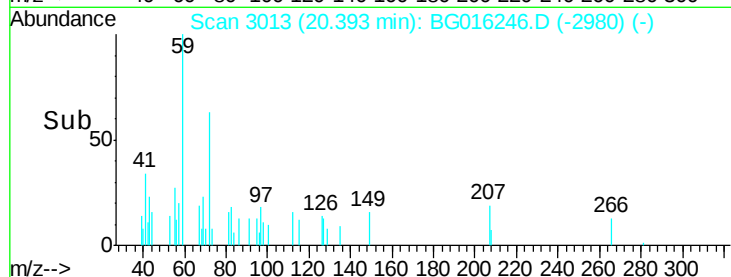
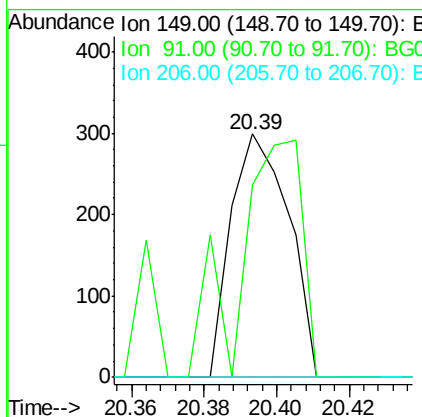
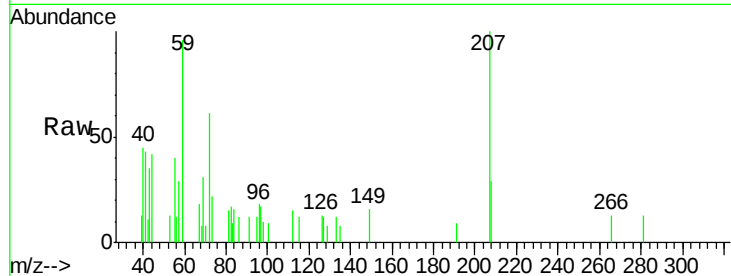




#79
Butylbenzylphthalate
Concen: 0.03 ng
RT: 20.39 min Scan# 3013
Delta R.T. -0.01 min
Lab File: BG016246.D
Acq: 7 Apr 2015 9:03

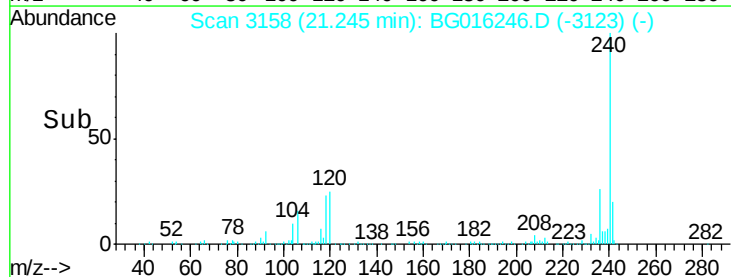
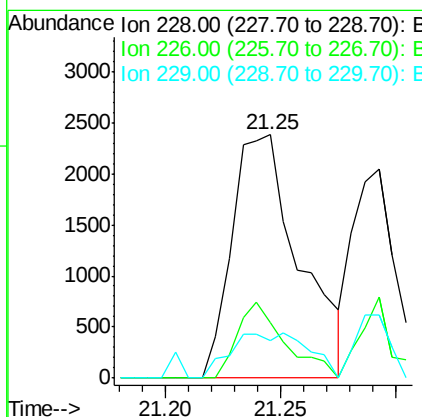
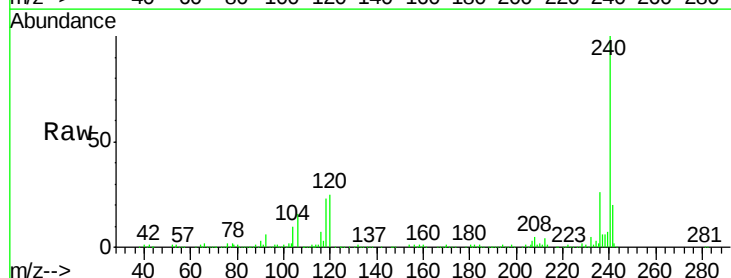
Instrument :
BNA_G
ClientSampleId :

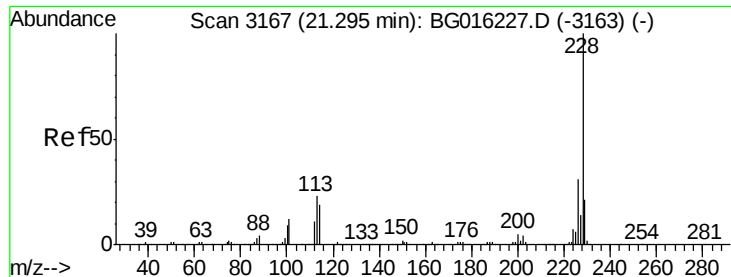
Tot Ion:149 Resp: 330
Ion Ratio Lower Upper
149 100
91 79.3 59.4 89.2
206 0.0 15.6 23.4#



#80
Benzo(a)anthracene
Concen: 0.24 ng
RT: 21.25 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BG016246.D
Acq: 7 Apr 2015 9:03

Tgt Ion:228 Resp: 4832
Ion Ratio Lower Upper
228 100
226 22.9 23.5 35.3#
229 15.2 16.8 25.2#





#82

Chrysene

Concen: 0.13 ng

RT: 21.29 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

Instrument :

BNA_G

ClientSampled :

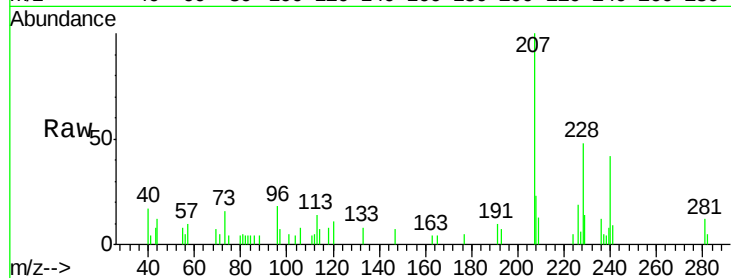
Tot Ion:228 Resp: 2579

Ion Ratio Lower Upper

228 100

226 39.1 25.0 37.4#

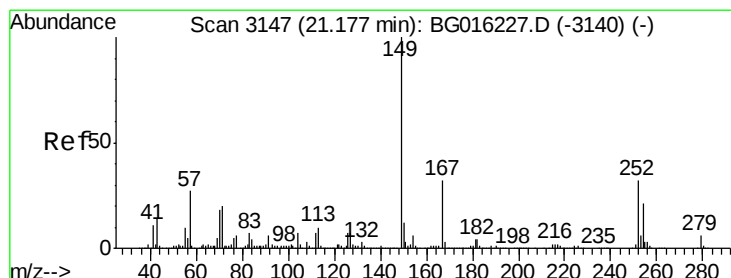
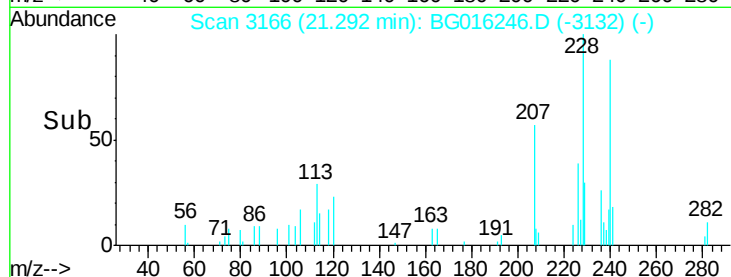
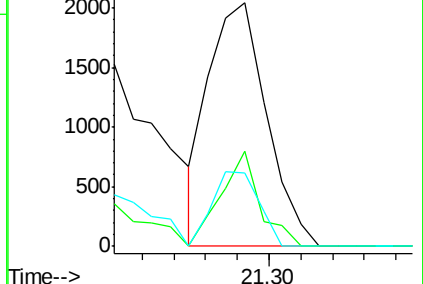
229 30.2 17.0 25.4#



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: 0.11 ng

RT: 21.17 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

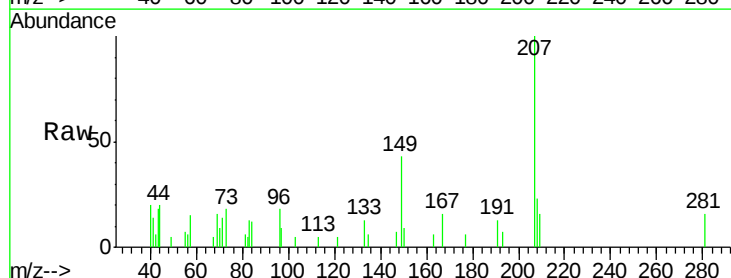
Tgt Ion:149 Resp: 1839

Ion Ratio Lower Upper

149 100

167 36.4 25.8 38.6

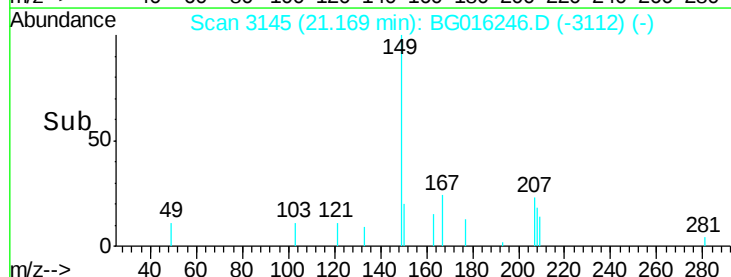
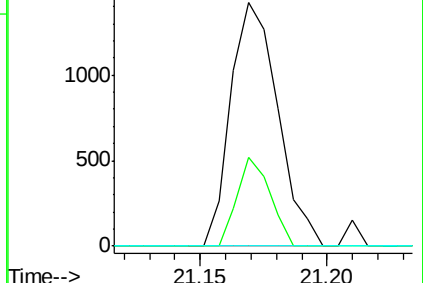
279 0.0 4.7 7.1#

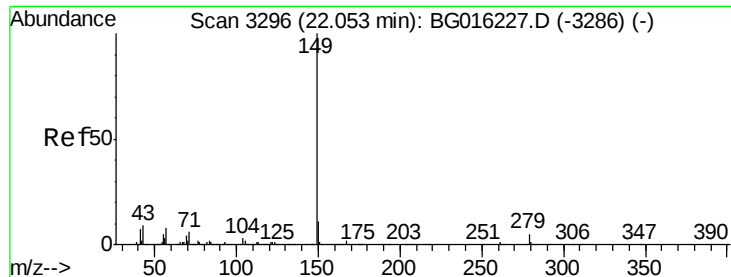


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

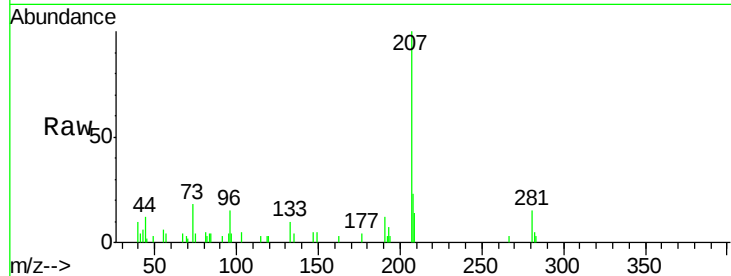




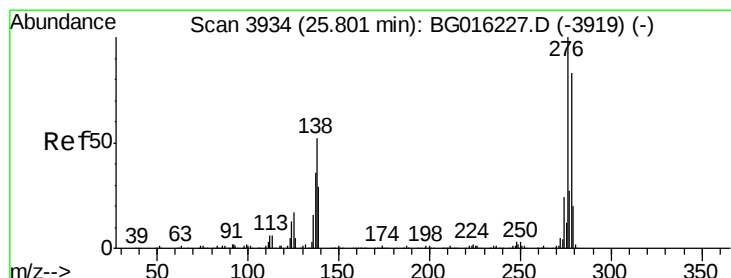
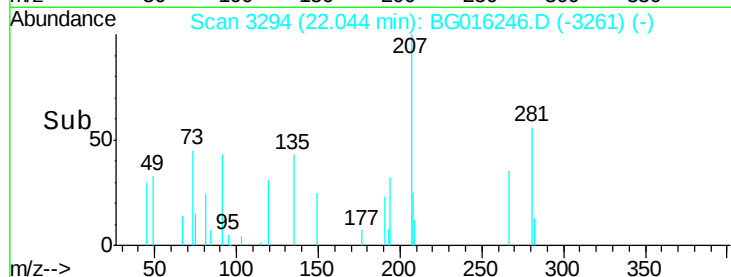
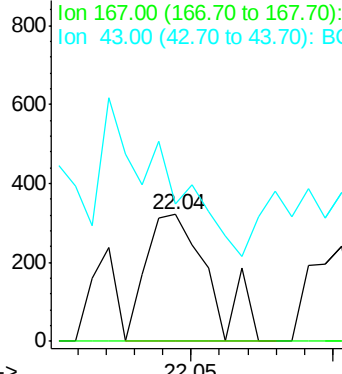
#84
Di-n-octyl phthalate
Concen: 0.02 ng
RT: 22.04 min Scan# 3294
Delta R.T. -0.01 min
Lab File: BG016246.D
Acq: 7 Apr 2015 9:03

Instrument :
BNA_G
ClientSampled :

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

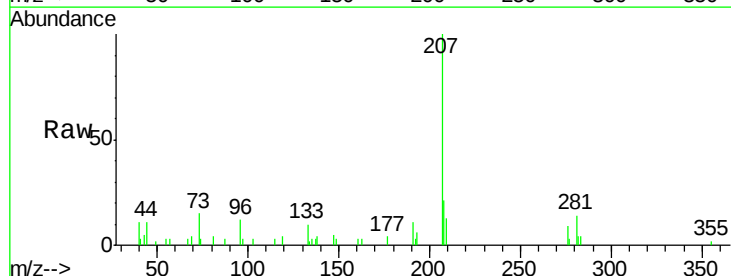


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

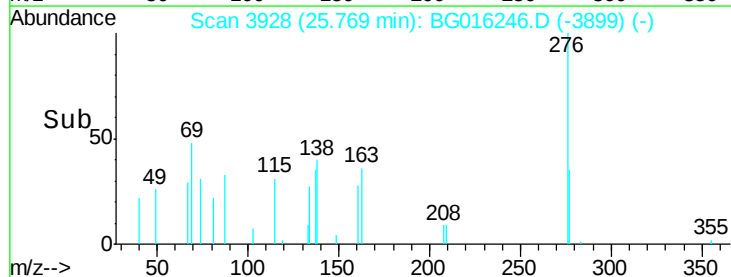
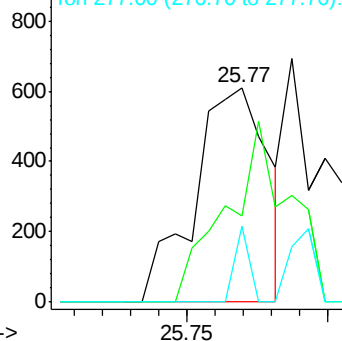


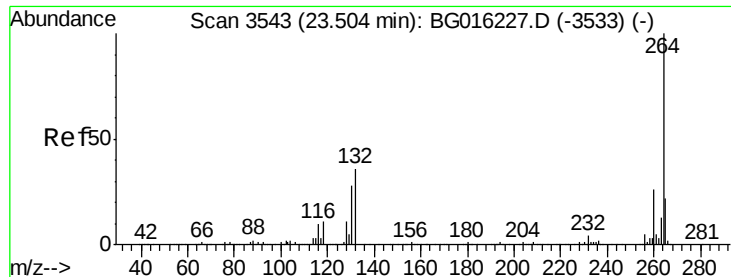
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 25.77 min Scan# 3928
Delta R.T. -0.03 min
Lab File: BG016246.D
Acq: 7 Apr 2015 9:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	71.4	41.5	62.3#
277	6.9	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

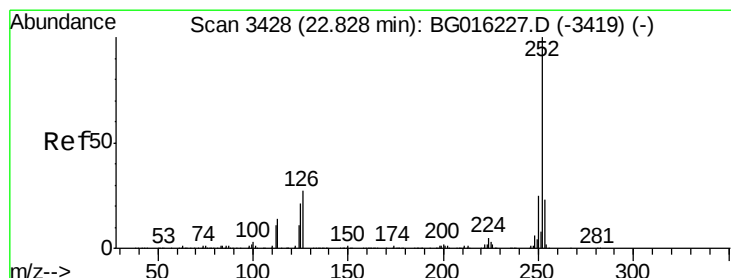
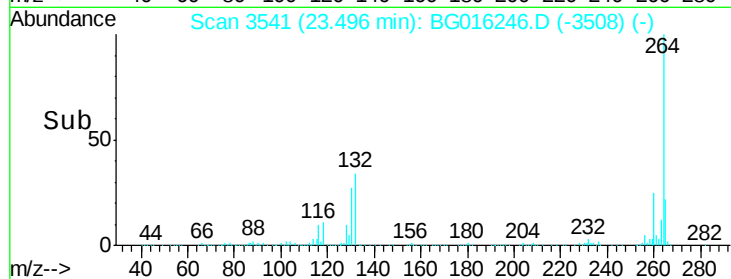
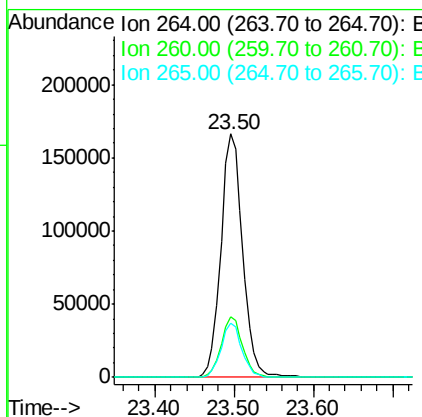
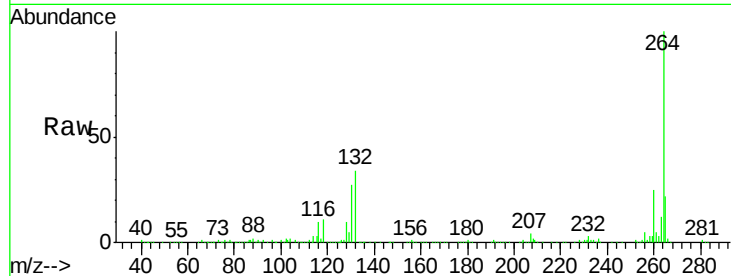




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.50 min Scan# 3541
Delta R.T. -0.01 min
Lab File: BG016246.D
Acq: 7 Apr 2015 9:03

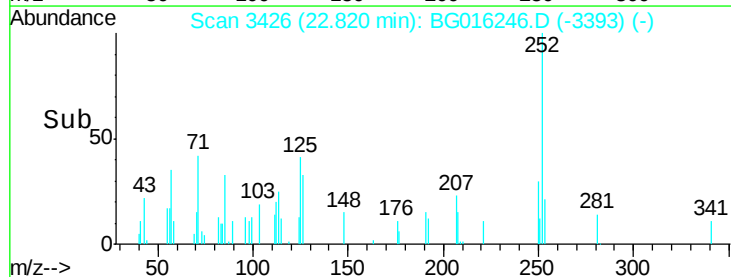
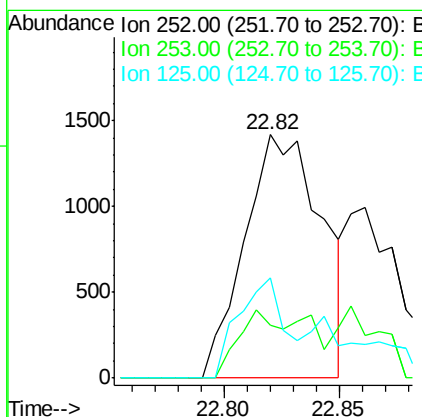
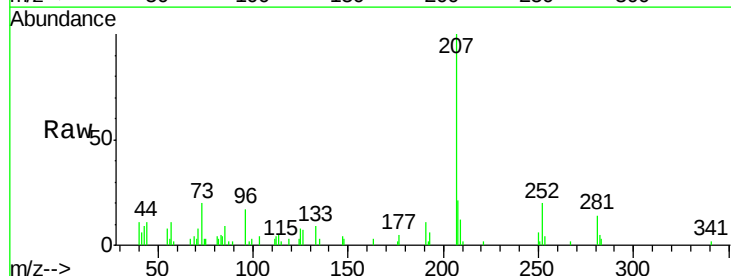
Instrument :
BNA_G
ClientSampled :

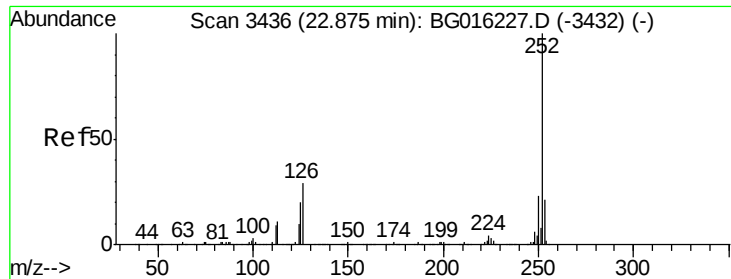
Tot Ion:264 Resp: 316074
Ion Ratio Lower Upper
264 100
260 25.1 20.4 30.6
265 22.0 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 0.18 ng
RT: 22.82 min Scan# 3426
Delta R.T. -0.01 min
Lab File: BG016246.D
Acq: 7 Apr 2015 9:03

Tgt Ion:252 Resp: 3291
Ion Ratio Lower Upper
252 100
253 21.5 18.5 27.7
125 41.2 17.0 25.6#

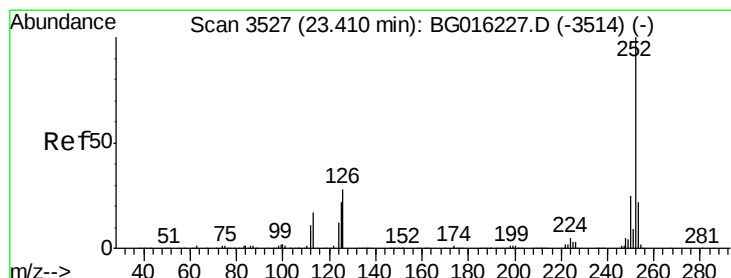
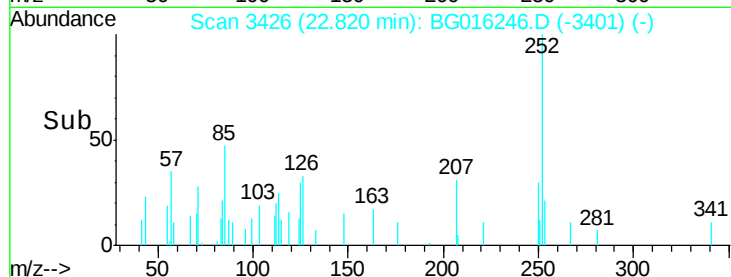
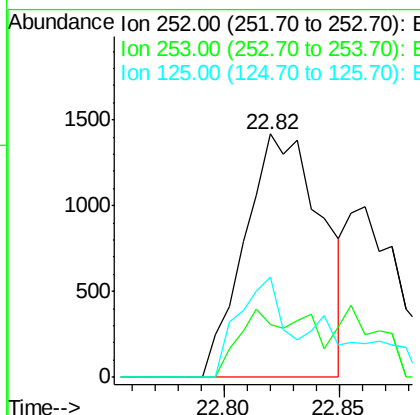
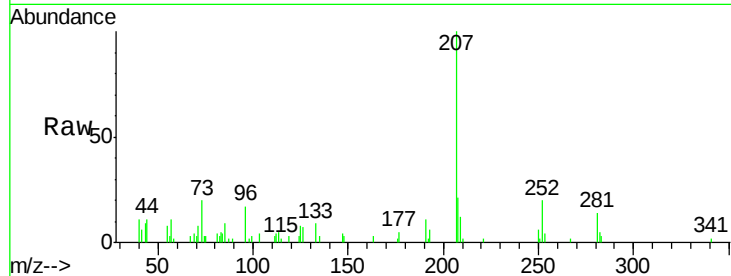




#88
Benzo(k)fluoranthene
Concen: 0.18 ng
RT: 22.82 min Scan# 3426
Delta R.T. -0.06 min
Lab File: BG016246.D
Acq: 7 Apr 2015 9:03

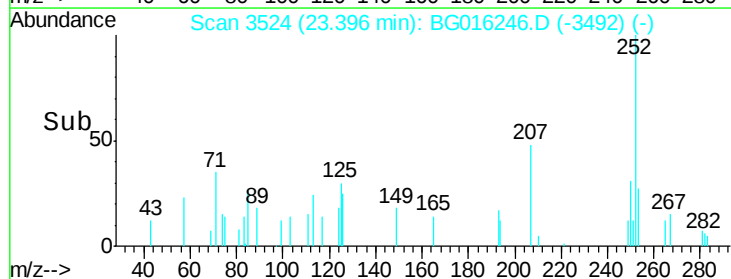
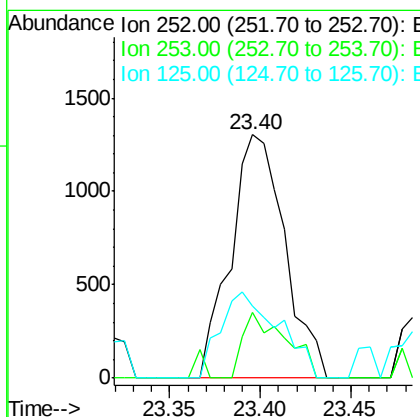
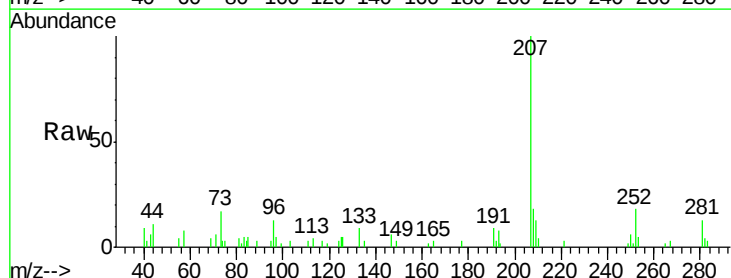
Instrument :
BNA_G
ClientSampleId :

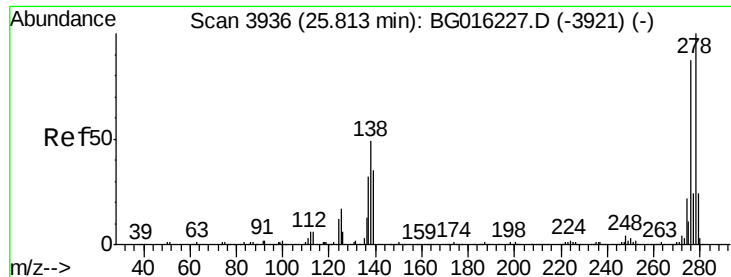
Tot Ion:252 Resp: 3291
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 41.2 16.3 24.5#



#89
Benzo(a)pyrene
Concen: 0.16 ng
RT: 23.40 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BG016246.D
Acq: 7 Apr 2015 9:03

Tgt Ion:252 Resp: 2725
Ion Ratio Lower Upper
252 100
253 26.9 17.6 26.4#
125 29.6 17.6 26.4#





#90

Dibenzo(a,h)anthracene

Concen: 0.03 ng

RT: 25.80 min Scan# 3933

Delta R.T. -0.01 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

Instrument :

BNA_G

ClientSampleId :

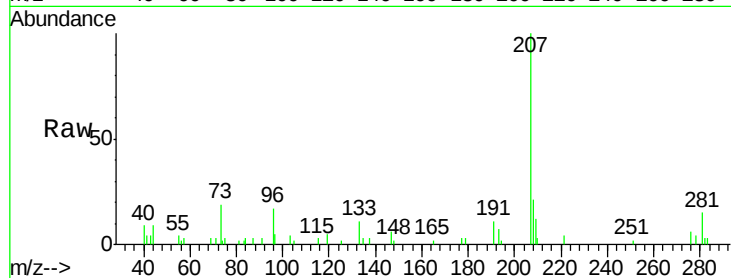
Tot Ion:278 Resp: 470

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

300

250

200

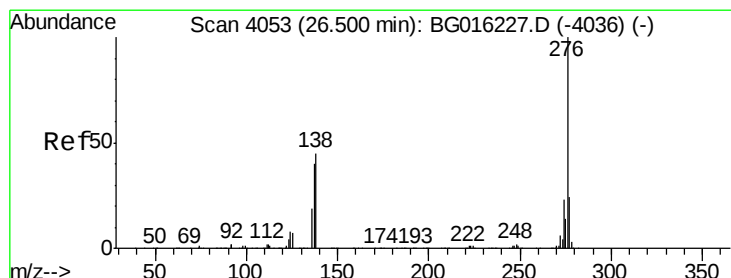
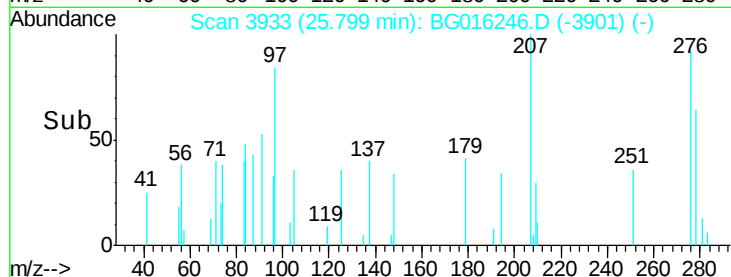
150

100

50

0

Time--> 25.75 25.80



#91

Benzo(g,h,i)perylene

Concen: 0.12 ng

RT: 26.48 min Scan# 4049

Delta R.T. -0.02 min

Lab File: BG016246.D

Acq: 7 Apr 2015 9:03

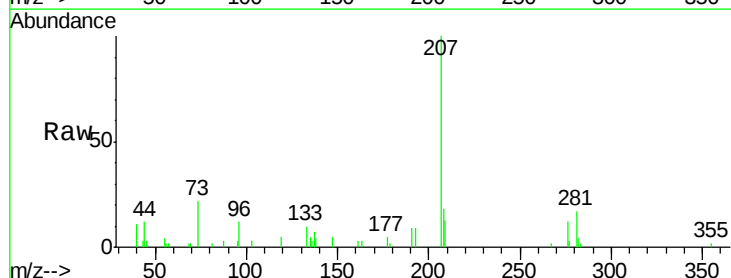
Tgt Ion:276 Resp: 1981

Ion Ratio Lower Upper

276 100

277 22.5 19.5 29.3

138 32.9 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

1000

800

600

400

200

0

Time--> 26.40 26.45 26.50 26.55

