

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
 Data File : BG021170.D
 Acq On : 1 Mar 2016 00:49
 Operator : UM/SJ
 Sample : H1520-11DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 40053+15(0-2)DL

Quant Time: Mar 01 03:04:47 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 29 17:40:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	8455	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	46048	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	30314	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	70162	20.00	ng	0.00
75) Chrysene-d12	21.75	240	73832	20.00	ng	-0.01
86) Perylene-d12	25.03	264	67215	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	33350	62.71	ng	0.00
7) Phenol-d6	7.29	99	56238	64.31	ng	0.00
23) Nitrobenzene-d5	9.31	82	41664	38.29	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	16120	51.11	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	66712	31.25	ng	0.00
78) Terphenyl-d14	20.08	244	91264	29.95	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	7.29	77	455	0.83	ng	# 54
10) Phenol	7.33	94	333	0.36	ng	# 43
15) Benzyl Alcohol	8.47	79	449	0.56	ng	# 45
31) Naphthalene	11.01	128	2502	1.04	ng	# 99
33) 4-Chloroaniline	11.01	127	142	0.13	ng	# 35
37) 2-Methylnaphthalene	12.60	142	1201	0.70	ng	# 87
45) 1,1'-Biphenyl	13.59	154	554	0.22	ng	# 71
49) Dimethylphthalate	14.20	163	14672	5.43	ng	# 97
50) 2,6-Dinitrotoluene	14.20	165	59	0.10	ng	# 3
51) Acenaphthene	14.82	154	7960	3.96	ng	# 91
54) Dibenzofuran	15.15	168	6466	2.41	ng	# 89
55) 4-Nitrophenol	15.15	139	2873	5.52	ng	# 7
57) Fluorene	15.80	166	9625	3.76	ng	# 89
59) Diethylphthalate	15.56	149	55	0.02	ng	# 61
62) Azobenzene	16.22	77	149	0.05	ng	# 1
65) n-Nitrosodiphenylamine	16.23	169	1002	0.46	ng	# 21
70) Phenanthrene	17.53	178	122107	32.25	ng	# 100
71) Anthracene	17.62	178	31449	8.12	ng	# 99
72) Carbazole	17.89	167	11602	3.38	ng	# 95
73) Di-n-butylphthalate	18.44	149	289	0.06	ng	# 78
74) Fluoranthene	19.53	202	186034	41.82	ng	# 100
77) Pyrene	19.89	202	151902	34.49	ng	# 99
79) Butylbenzylphthalate	20.77	149	58	0.03	ng	# 22
80) Benzo(a)anthracene	21.74	228	83484	19.10	ng	# 98
81) 3,3'-Dichlorobenzidine	21.81	252	408	0.25	ng	# 1
82) Chrysene	21.80	228	65268	15.76	ng	# 97
83) Bis(2-ethylhexyl)phthalate	21.63	149	483	0.15	ng	# 57
84) Di-n-octyl phthalate	22.85	149	224	0.04	ng	# 1
85) Indeno(1,2,3-cd)pyrene	28.74	276	37533	7.90	ng	# 100
87) Benzo(b)fluoranthene	23.99	252	93747	22.17	ng	# 98
88) Benzo(k)fluoranthene	23.99	252	93747	22.14	ng	# 98
89) Benzo(a)pyrene	24.87	252	63892	15.63	ng	# 92
90) Dibenzo(a,h)anthracene	28.79	278	5254	1.30	ng	# 96
91) Benzo(g,h,i)perylene	29.91	276	32315	8.27	ng	# 87

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Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)DL

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 17:40:25 2016
Response via : Initial Calibration

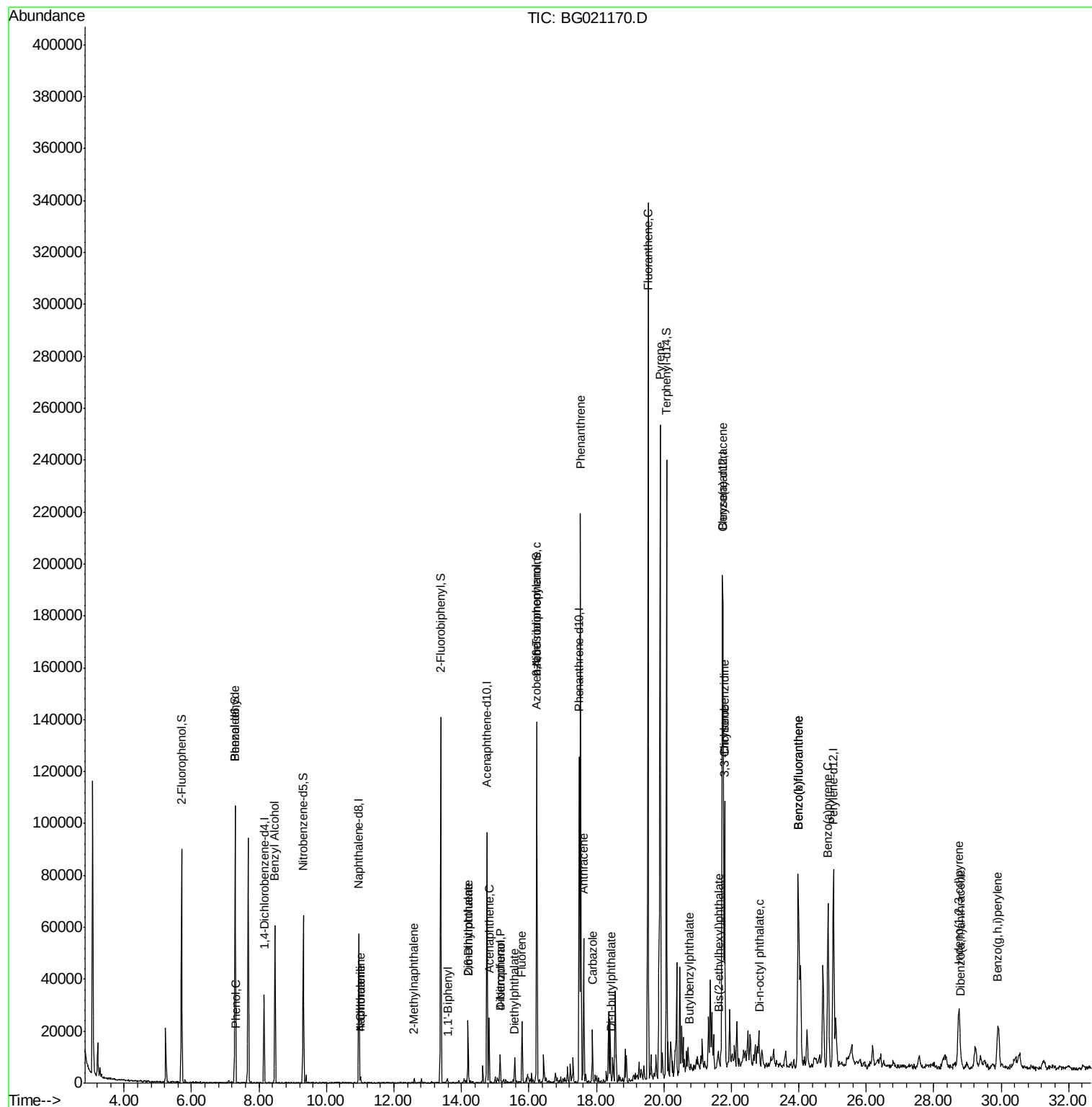
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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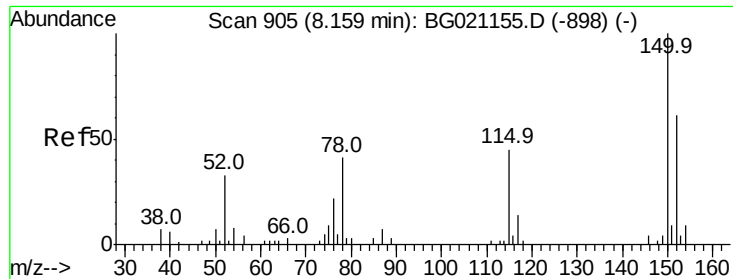
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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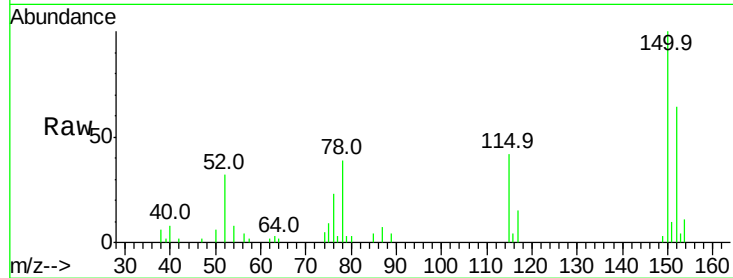


#1

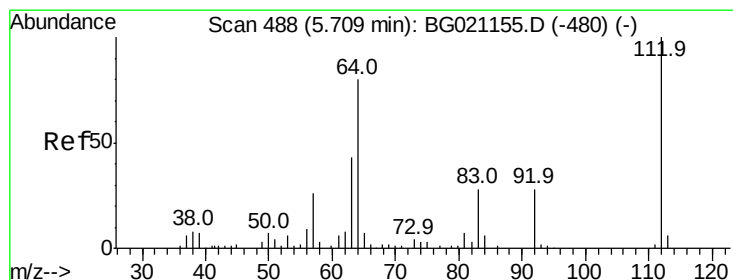
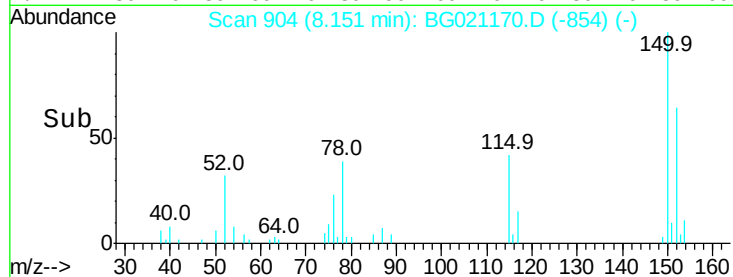
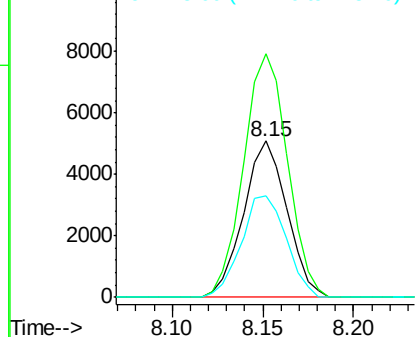
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG021170.D
 Acq: 1 Mar 2016 00:49

Instrument :
 BNA_G
 ClientSampleId :
 40053+15(0-2)DL

Tot Ion:152 Resp: 8455
 Ion Ratio Lower Upper
 152 100
 150 155.9 123.4 185.2
 115 65.0 43.3 64.9#



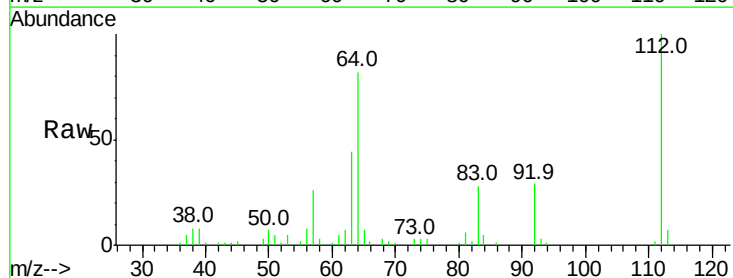
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



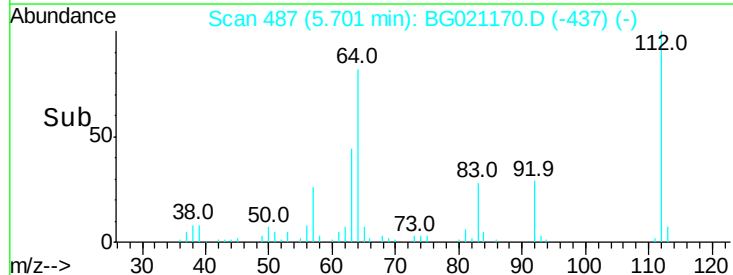
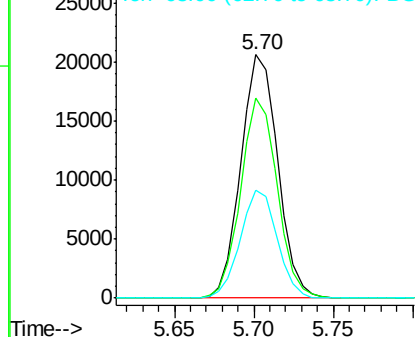
#5

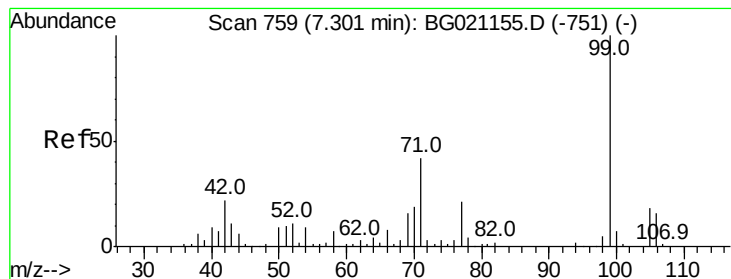
2-Fluorophenol
 Concen: 62.71 ng
 RT: 5.70 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BG021170.D
 Acq: 1 Mar 2016 00:49

Tgt Ion:112 Resp: 33350
 Ion Ratio Lower Upper
 112 100
 64 82.3 42.6 63.8#
 63 44.4 21.7 32.5#



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





#7

Phenol-d6

Concen: 64.31 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG021170.D

Acq: 1 Mar 2016 00:49

Instrument :

BNA_G

ClientSampleId :

40053+15(0-2)DL

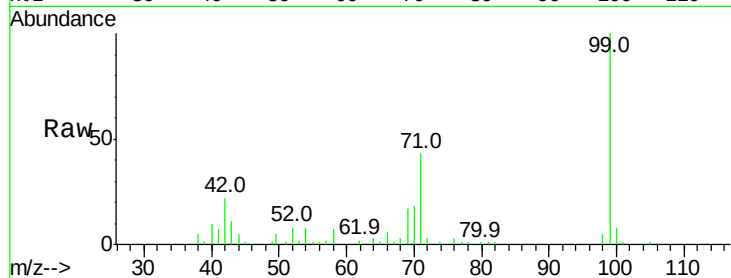
Tot Ion: 99 Resp: 56238

Ion Ratio Lower Upper

99 100

42 21.8 13.2 19.8#

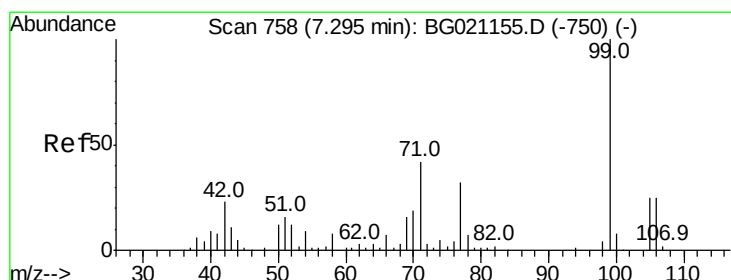
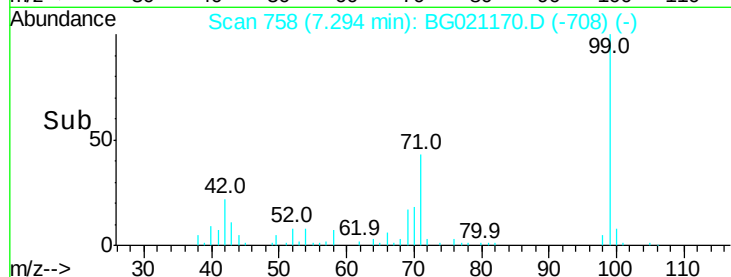
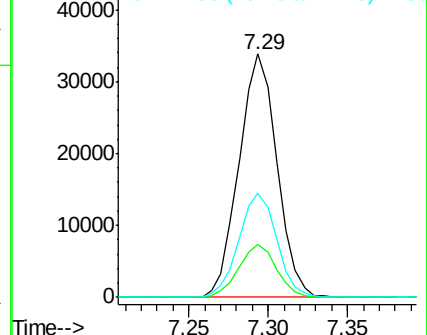
71 42.6 25.2 37.8#



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#9

Benzaldehyde

Concen: 0.83 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG021170.D

Acq: 1 Mar 2016 00:49

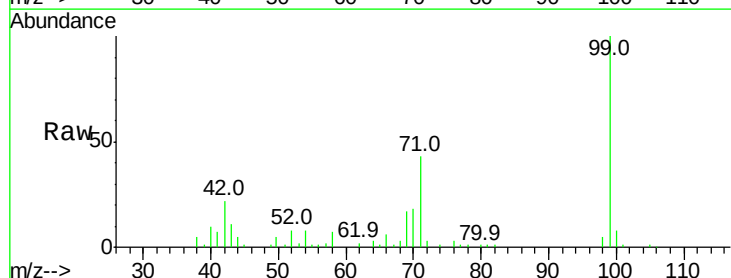
Tgt Ion: 77 Resp: 455

Ion Ratio Lower Upper

77 100

105 53.4 77.4 117.4#

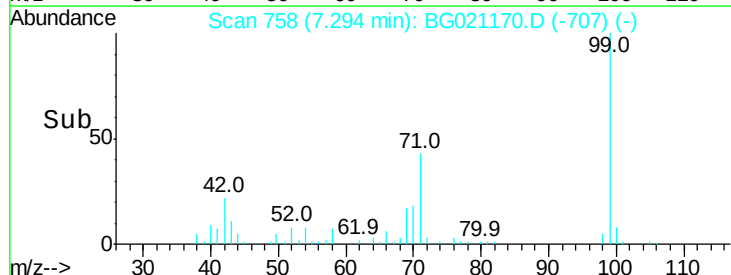
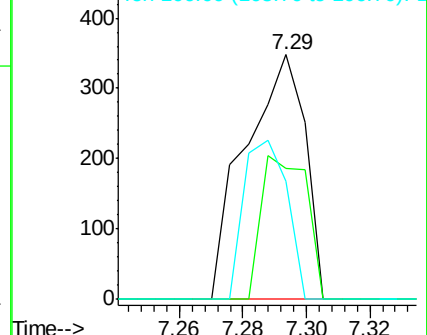
106 48.3 72.8 112.8#

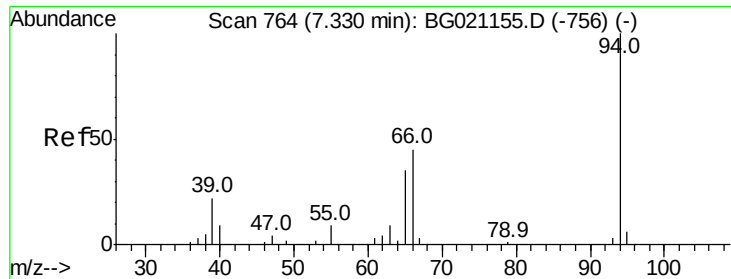


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC

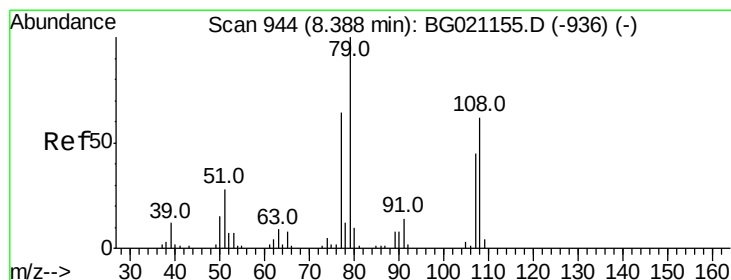
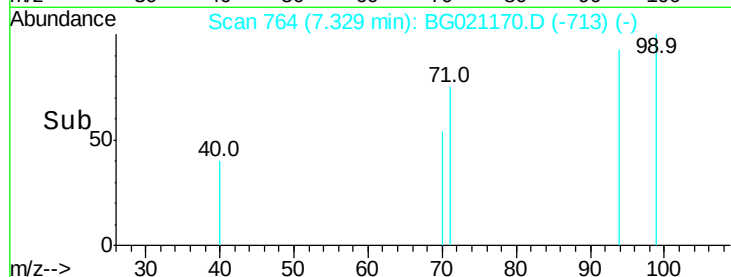
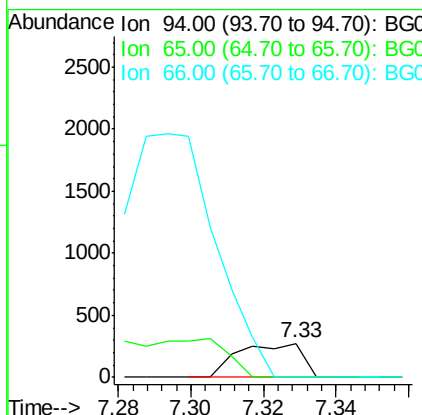
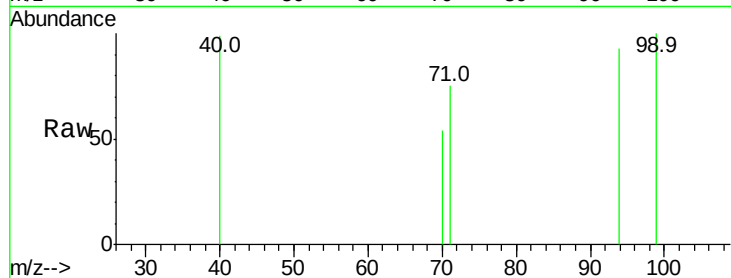




#10
Phenol
Concen: 0.36 ng
RT: 7.33 min Scan# 764
Delta R.T. -0.00 min
Lab File: BG021170.D
Acq: 1 Mar 2016 00:49

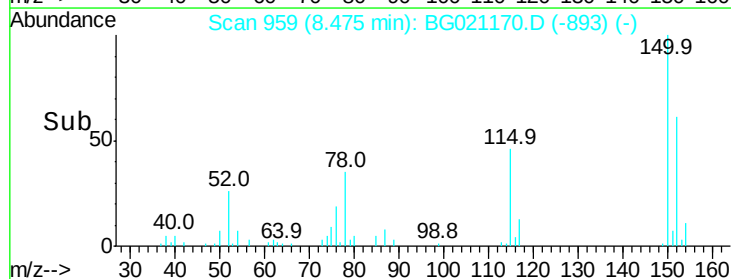
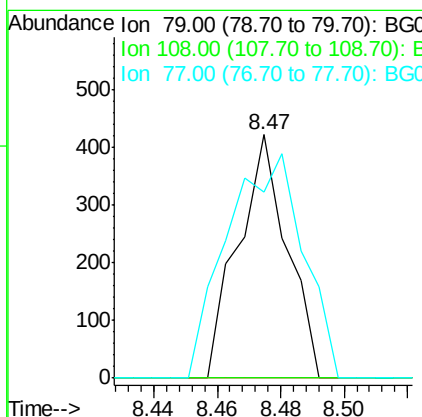
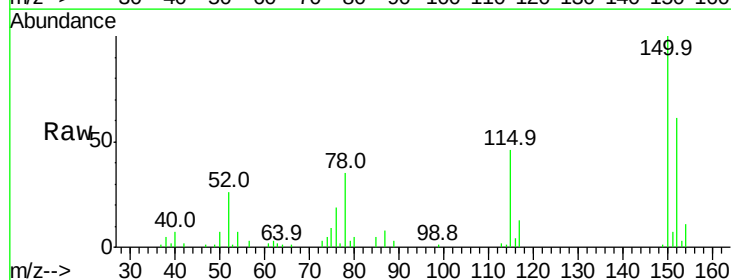
Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)DL

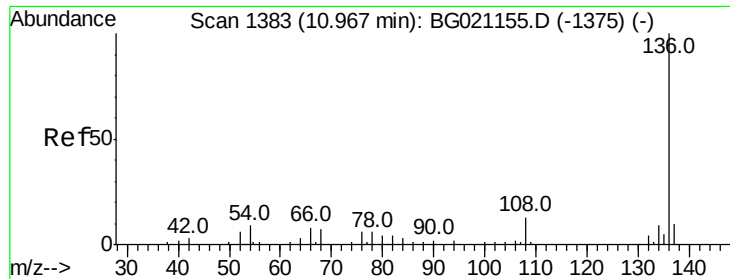
Tot Ion: 94 Resp: 333
Ion Ratio Lower Upper
94 100
65 0.0 7.2 47.2#
66 0.0 15.4 55.4#



#15
Benzyl Alcohol
Concen: 0.56 ng
RT: 8.47 min Scan# 959
Delta R.T. 0.09 min
Lab File: BG021170.D
Acq: 1 Mar 2016 00:49

Tgt Ion: 79 Resp: 449
Ion Ratio Lower Upper
79 100
108 0.0 65.1 97.7#
77 76.3 53.8 80.8

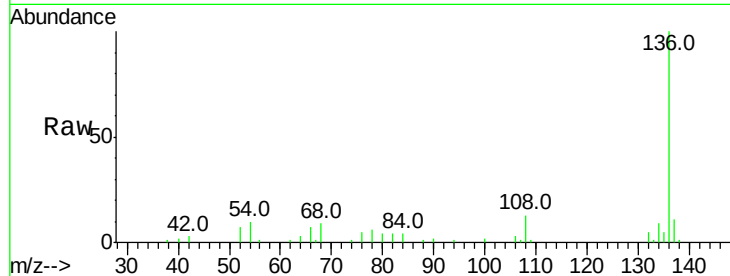




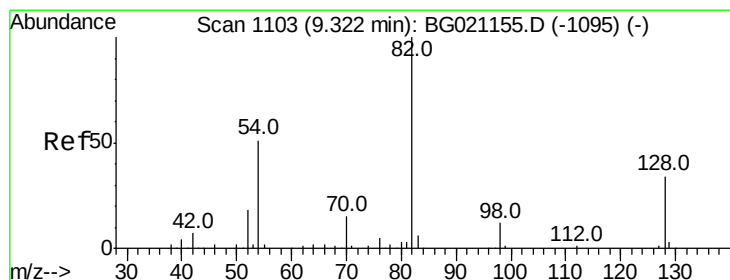
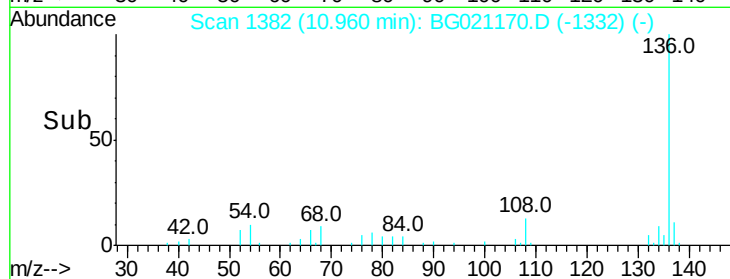
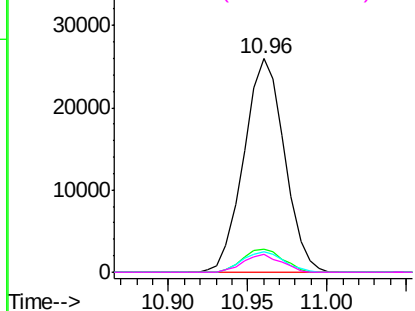
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG021170.D
Acq: 1 Mar 2016 00:49

Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)DL

Tot Ion:136	Resp:	46048
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.8 13.2
54	9.6	6.9 10.3
68	8.6	5.8 8.6

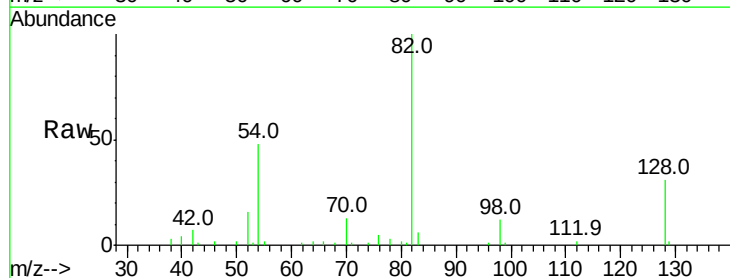


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

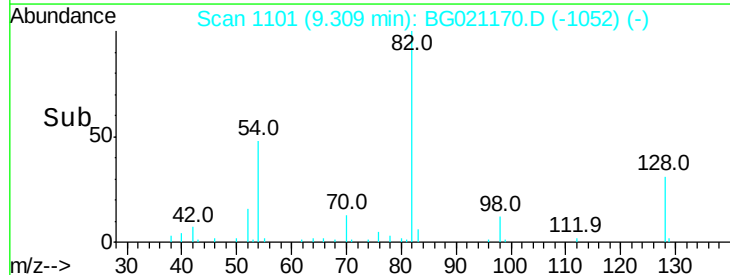
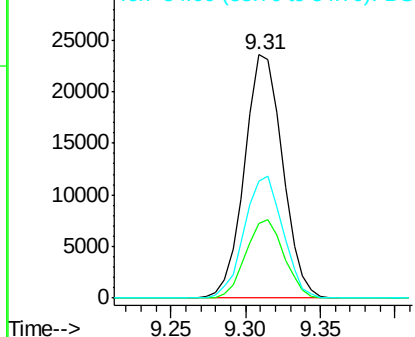


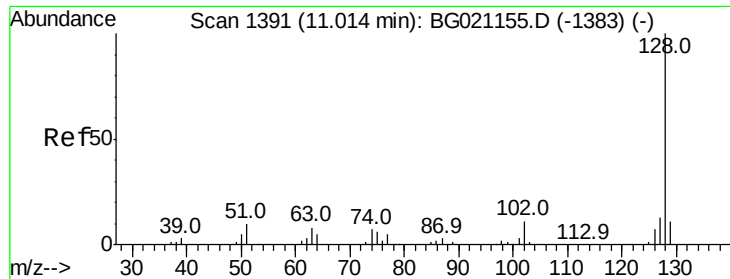
#23
Nitrobenzene-d5
Concen: 38.29 ng
RT: 9.31 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BG021170.D
Acq: 1 Mar 2016 00:49

Tgt Ion: 82	Resp:	41664
Ion Ratio	Lower	Upper
82	100	
128	30.7	36.3 54.5#
54	47.9	37.6 56.4



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

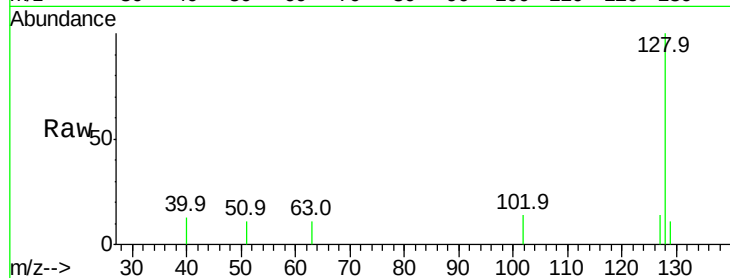




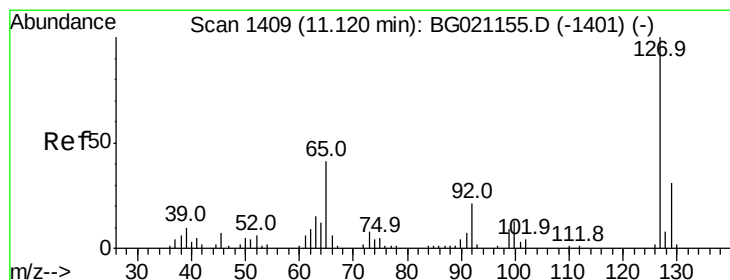
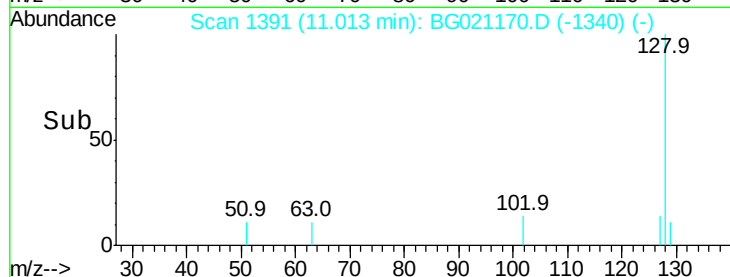
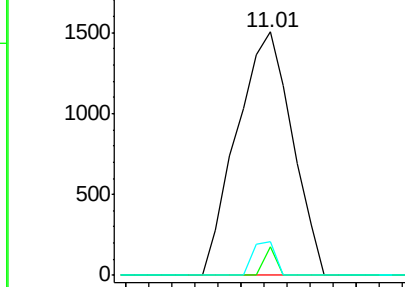
#31
Naphthalene
Concen: 1.04 ng
RT: 11.01 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BG021170.D
Acq: 1 Mar 2016 00:49

Instrument :
BNA_G
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40053+15(0-2)DL

Tot Ion:128 Resp: 2502
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 14.0 10.8 16.2



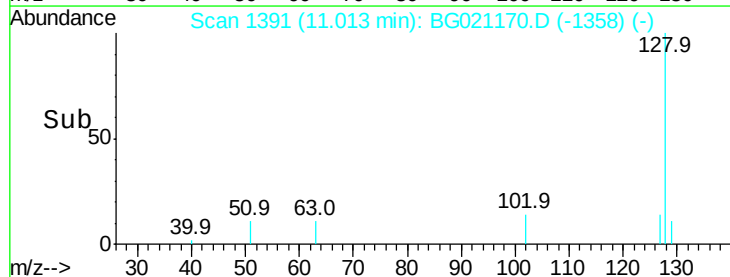
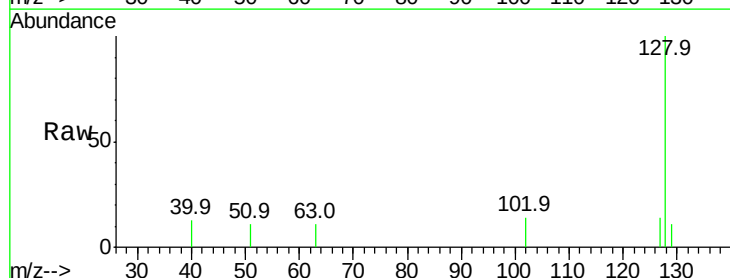
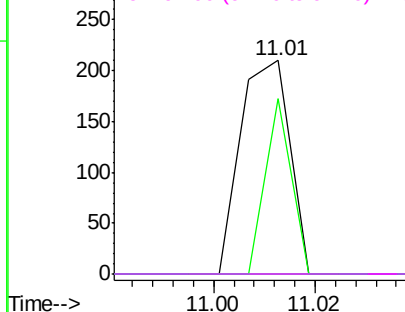
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

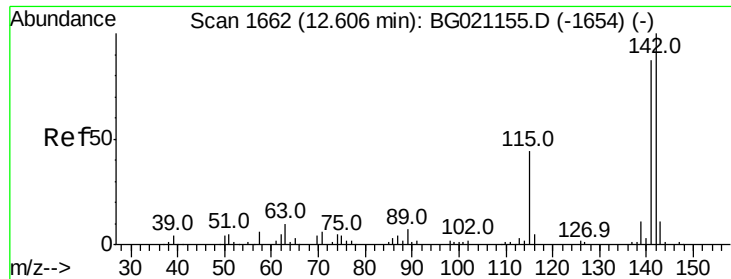


#33
4-Chloroaniline
Concen: 0.13 ng
RT: 11.01 min Scan# 1391
Delta R.T. -0.11 min
Lab File: BG021170.D
Acq: 1 Mar 2016 00:49

Tgt Ion:127 Resp: 142
Ion Ratio Lower Upper
127 100
129 82.4 26.2 39.2#
65 0.0 22.9 34.3#
92 0.0 15.0 22.6#

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

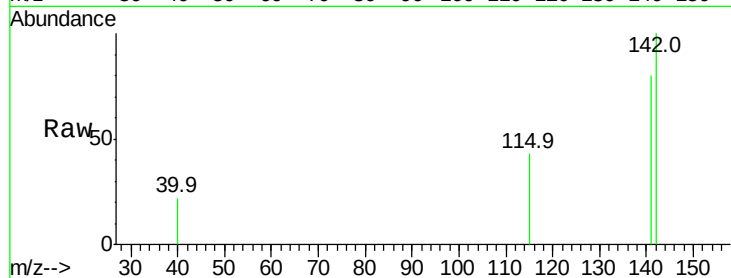




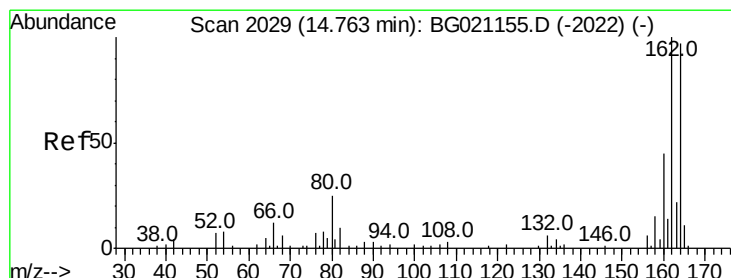
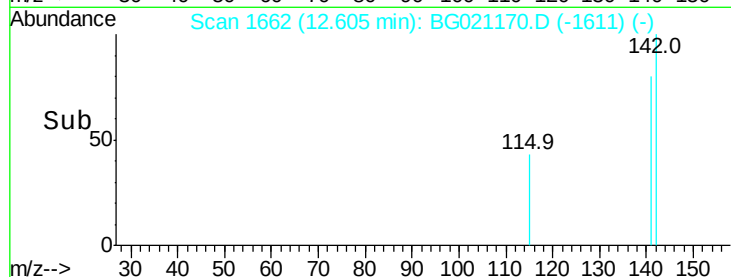
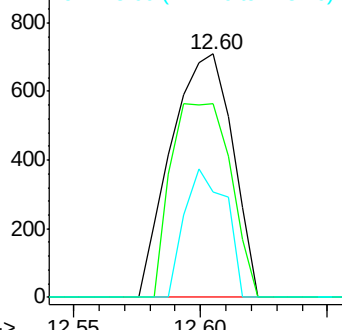
#37
 2-Methylnaphthalene
 Concen: 0.70 ng
 RT: 12.60 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BG021170.D
 Acq: 1 Mar 2016 00:49

Instrument :
 BNA_G
 ClientSampleId :
 40053+15(0-2)DL

Tot Ion:142 Resp: 1201
 Ion Ratio Lower Upper
 142 100
 141 79.7 71.7 107.5
 115 43.4 26.2 39.4#

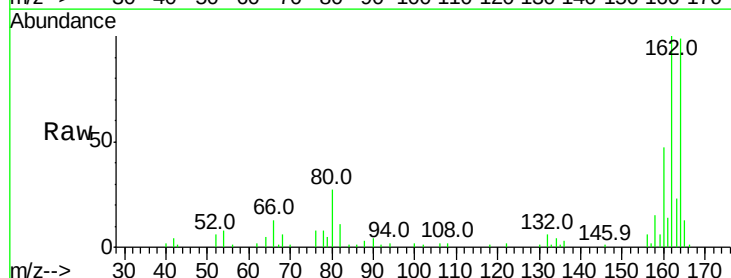


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

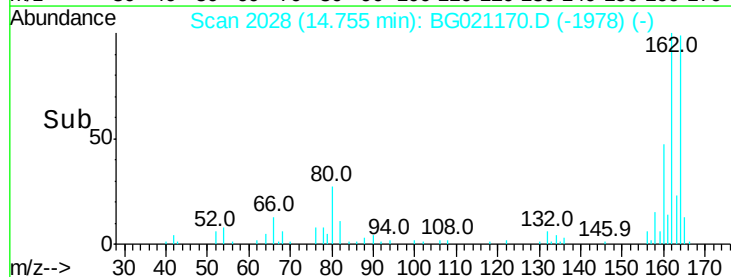
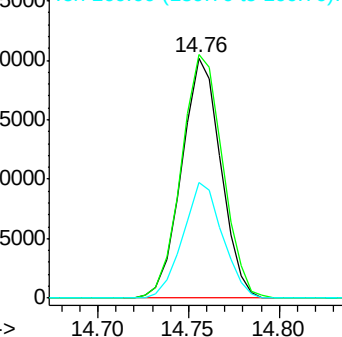


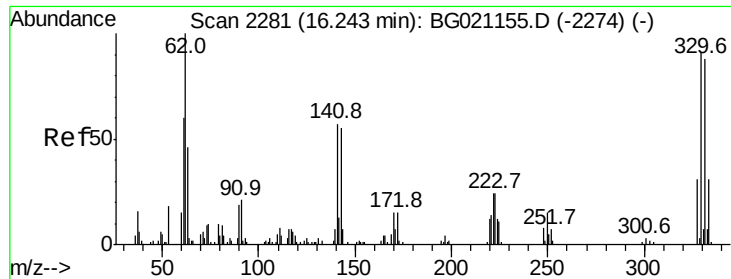
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BG021170.D
 Acq: 1 Mar 2016 00:49

Tgt Ion:164 Resp: 30314
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.6 120.8
 160 48.0 36.5 54.7



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

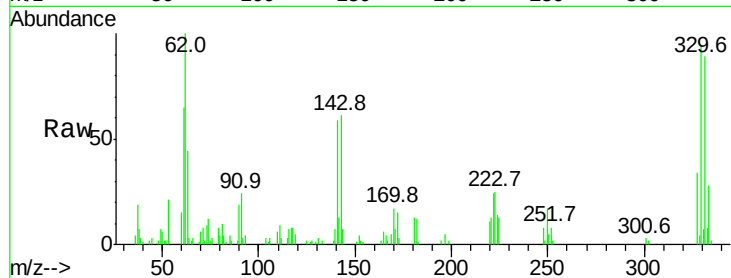




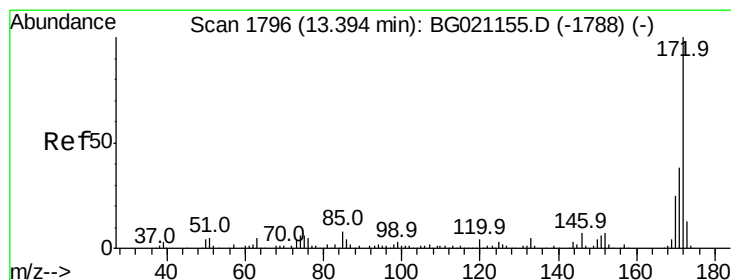
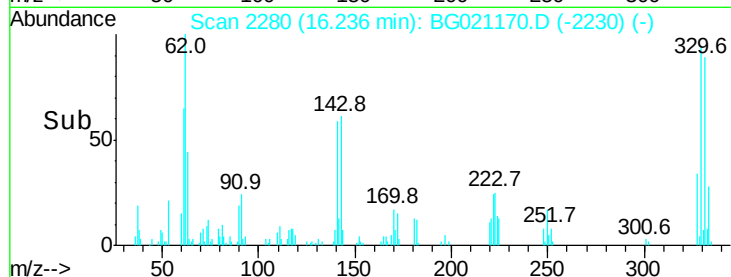
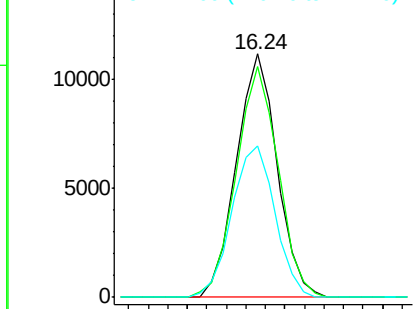
#41
 2,4,6-Tribromophenol
 Concen: 51.11 ng
 RT: 16.24 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG021170.D
 Acq: 1 Mar 2016 00:49

Instrument :
 BNA_G
 ClientSampleId :
 40053+15(0-2)DL

Tot Ion:330 Resp: 16120
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.0
 141 65.8 35.3 52.9#

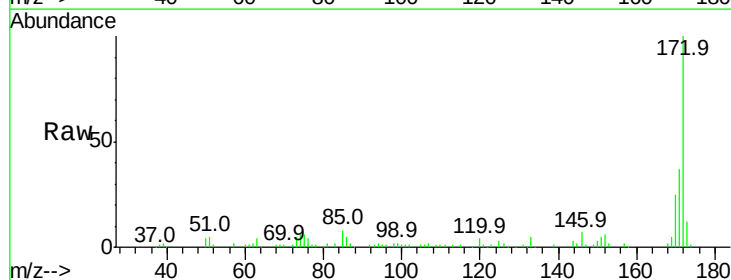


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

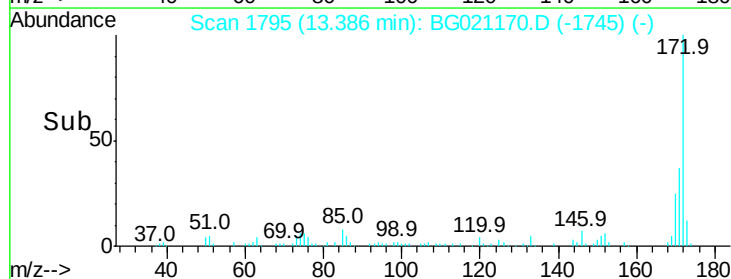
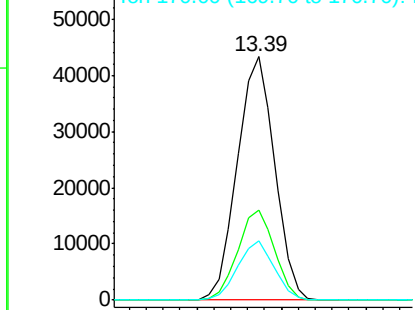


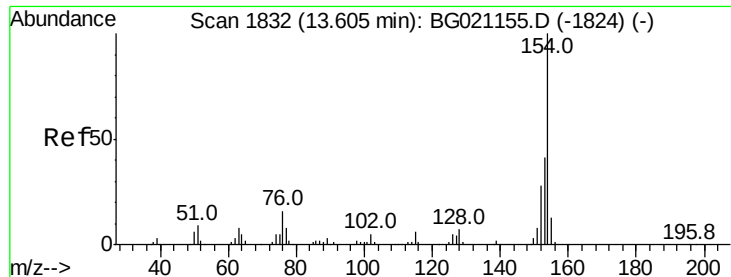
#44
 2-Fluorobiphenyl
 Concen: 31.25 ng
 RT: 13.39 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG021170.D
 Acq: 1 Mar 2016 00:49

Tgt Ion:172 Resp: 66712
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.4 44.0
 170 24.5 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

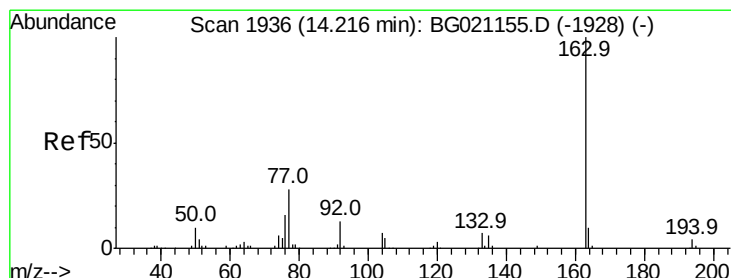
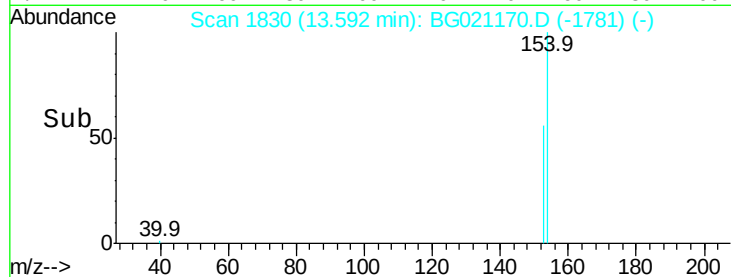
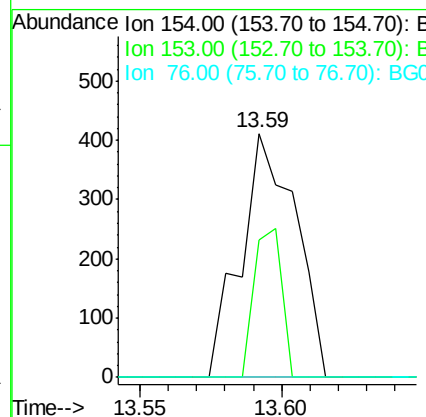
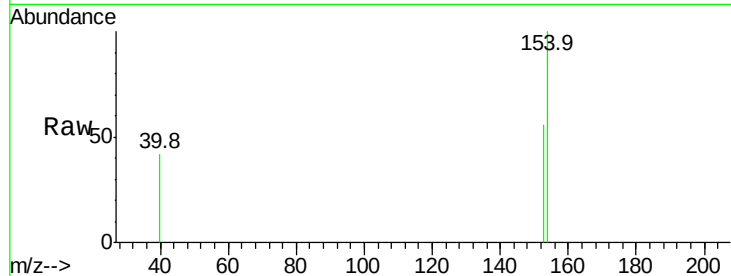




#45
 1,1'-Biphenyl
 Concen: 0.22 ng
 RT: 13.59 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG021170.D
 Acq: 1 Mar 2016 00:49

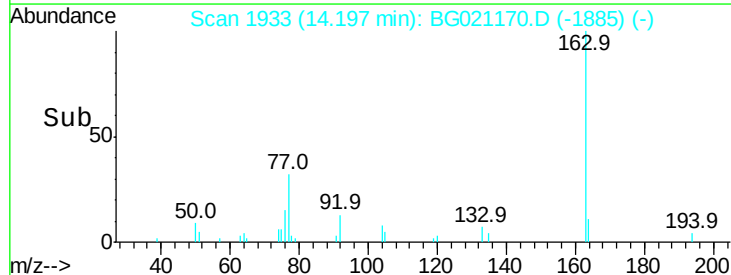
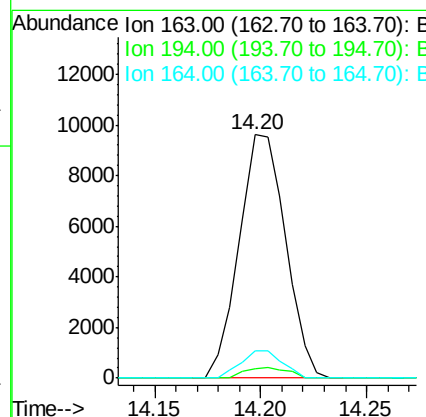
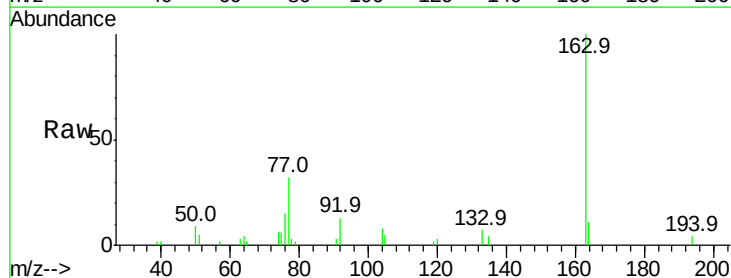
Instrument :
 BNA_G
 ClientSampleId :
 40053+15(0-2)DL

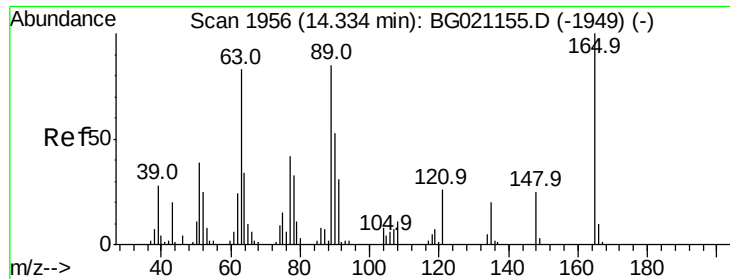
Tot Ion:154 Resp: 554
 Ion Ratio Lower Upper
 154 100
 153 56.4 19.8 59.8
 76 0.0 0.0 33.6



#49
 Dimethylphthalate
 Concen: 5.43 ng
 RT: 14.20 min Scan# 1933
 Delta R.T. -0.02 min
 Lab File: BG021170.D
 Acq: 1 Mar 2016 00:49

Tgt Ion:163 Resp: 14672
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.8 4.2
 164 11.1 7.9 11.9

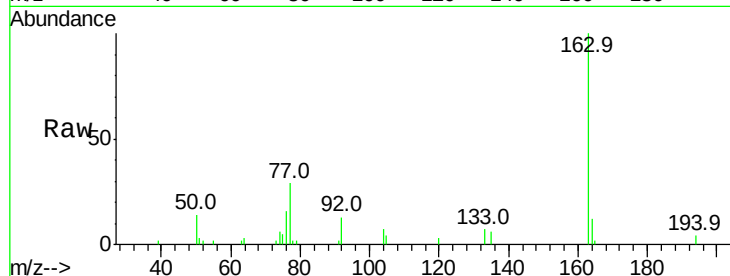




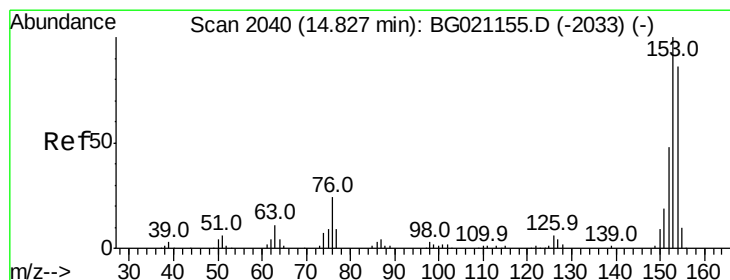
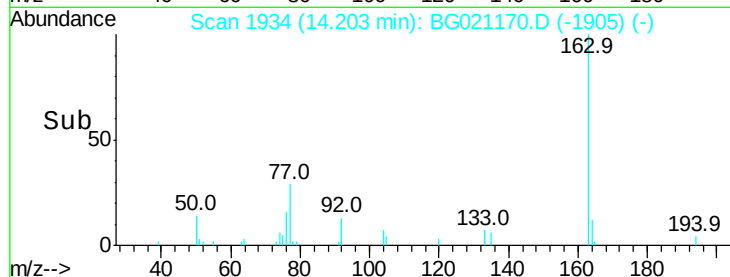
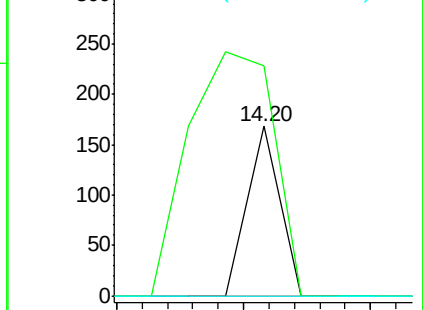
#50
2,6-Dinitrotoluene
Concen: 0.10 ng
RT: 14.20 min Scan# 1934
Delta R.T. -0.13 min
Lab File: BG021170.D
Acq: 1 Mar 2016 00:49

Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)DL

Tot Ion:165 Resp: 59
Ion Ratio Lower Upper
165 100
63 136.3 42.1 63.1#
89 0.0 46.1 69.1#

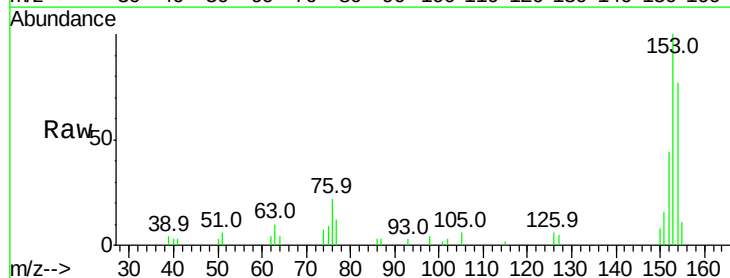


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

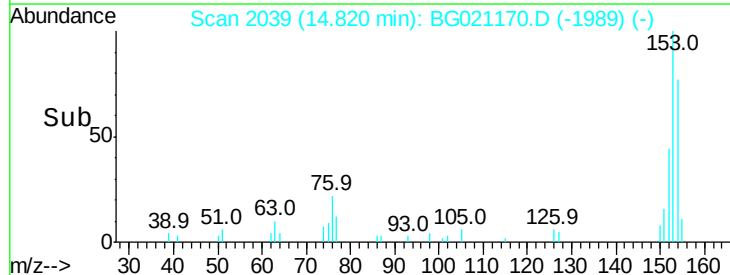
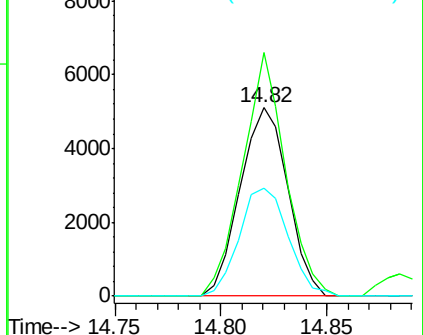


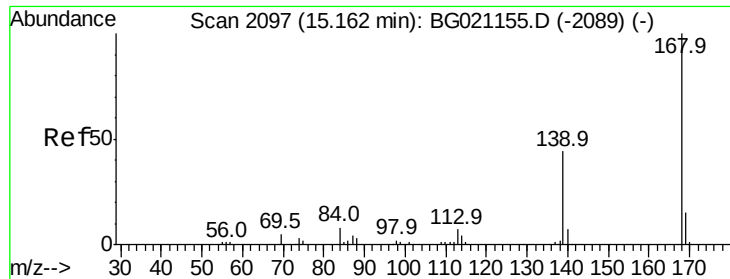
#51
Acenaphthene
Concen: 3.96 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BG021170.D
Acq: 1 Mar 2016 00:49

Tgt Ion:154 Resp: 7960
Ion Ratio Lower Upper
154 100
153 129.3 94.2 141.2
152 57.2 42.9 64.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 2.41 ng

RT: 15.15 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BG021170.D

Acq: 1 Mar 2016 00:49

Instrument :

BNA_G

ClientSampleId :

40053+15(0-2)DL

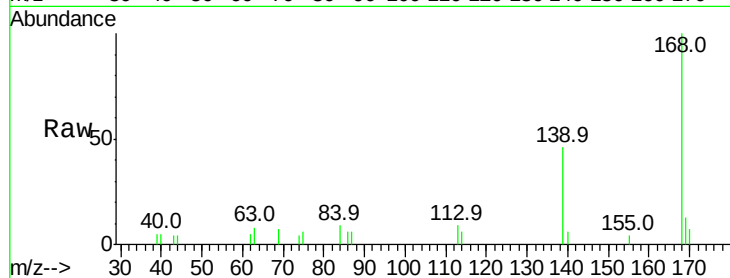
Tot Ion:168 Resp: 6466

Ion Ratio Lower Upper

168 100

139 46.3 29.8 44.8#

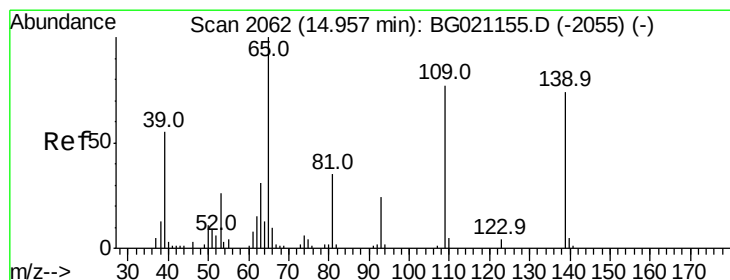
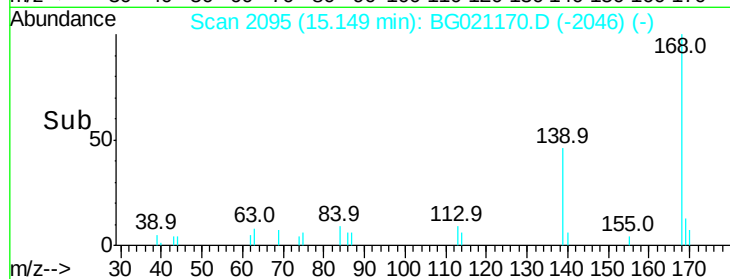
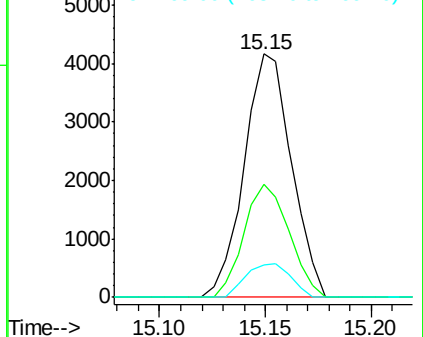
169 13.5 11.4 17.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 5.52 ng

RT: 15.15 min Scan# 2095

Delta R.T. 0.19 min

Lab File: BG021170.D

Acq: 1 Mar 2016 00:49

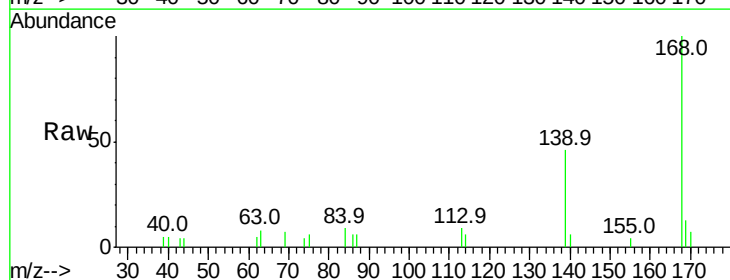
Tgt Ion:139 Resp: 2873

Ion Ratio Lower Upper

139 100

109 0.0 54.1 94.1#

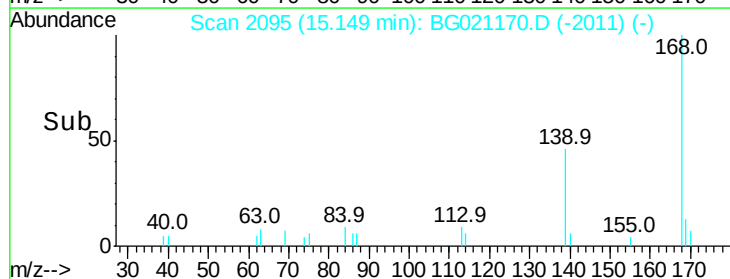
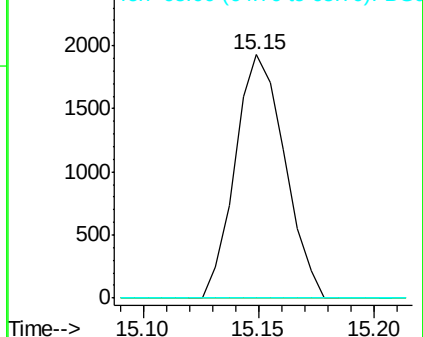
65 0.0 73.4 113.4#

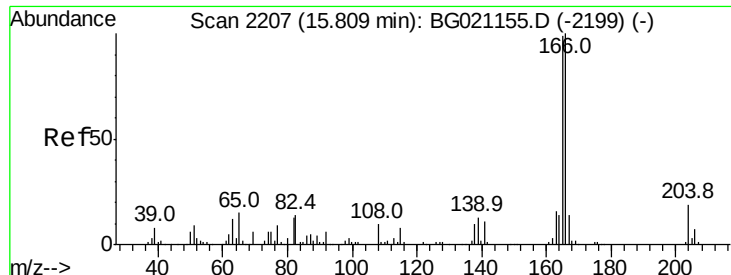


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

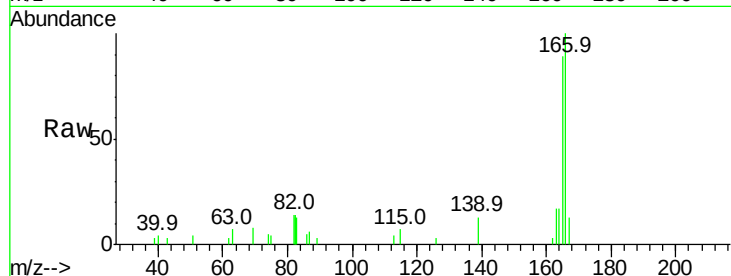




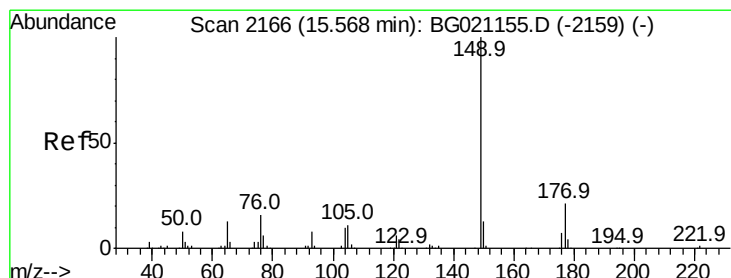
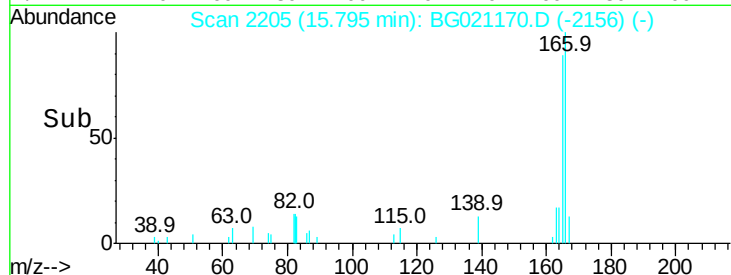
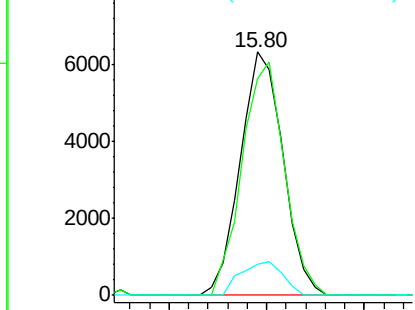
#57
Fluorene
Concen: 3.76 ng
RT: 15.80 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG021170.D
Acq: 1 Mar 2016 00:49

Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)DL

Tot Ion:166 Resp: 9625
Ion Ratio Lower Upper
166 100
165 89.2 81.3 121.9
167 12.8 10.6 16.0

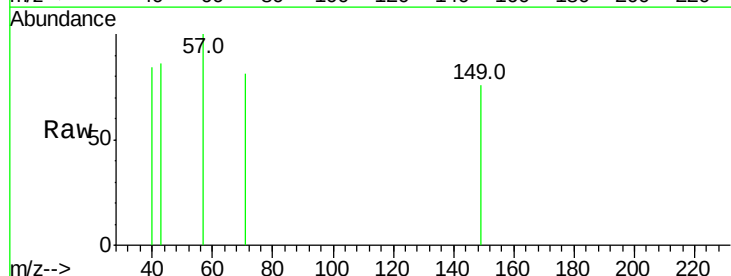


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

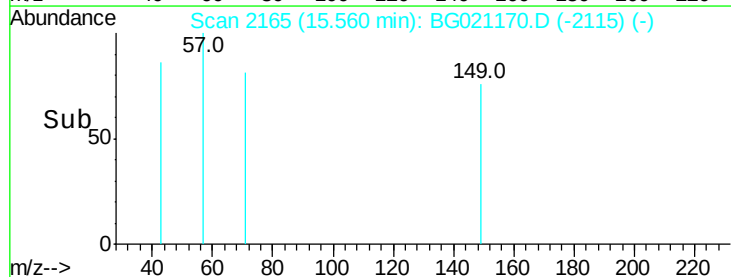
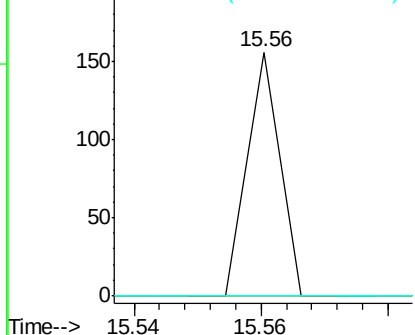


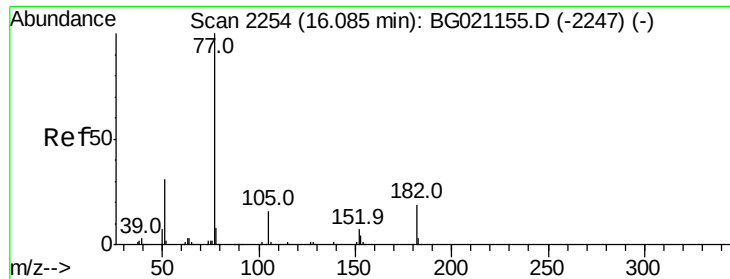
#59
Diethylphthalate
Concen: 0.02 ng
RT: 15.56 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG021170.D
Acq: 1 Mar 2016 00:49

Tgt Ion:149 Resp: 55
Ion Ratio Lower Upper
149 100
177 0.0 15.8 23.8#
150 0.0 10.1 15.1#



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





#62

Azobenzene

Concen: 0.05 ng

RT: 16.22 min Scan# 2278

Delta R.T. 0.14 min

Lab File: BG021170.D

Acq: 1 Mar 2016 00:49

Instrument :

BNA_G

ClientSampleId :

40053+15(0-2)DL

Tot Ion: 77 Resp: 149

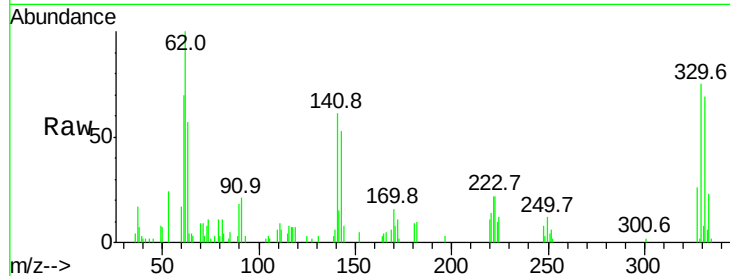
Ion Ratio Lower Upper

77 100

182 344.0 0.7 40.7#

105 102.8 0.0 38.3#

51 0.0 4.4 44.4#

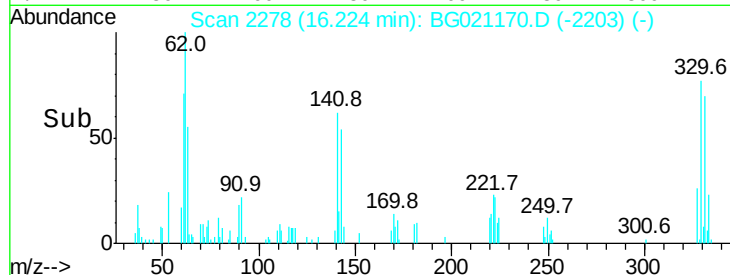


Abundance Ion 77.00 (76.70 to 77.70): BGC

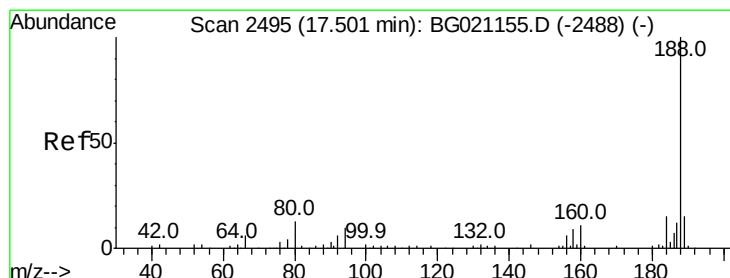
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BG021170.D

Acq: 1 Mar 2016 00:49

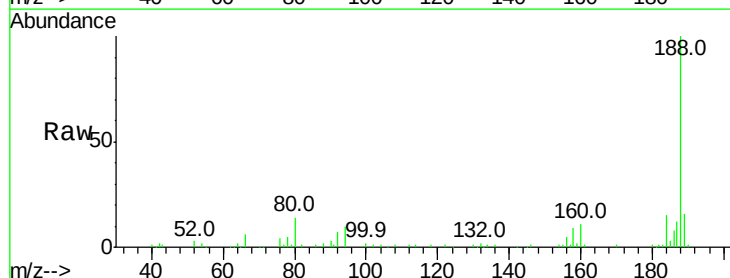
Tgt Ion: 188 Resp: 70162

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.4

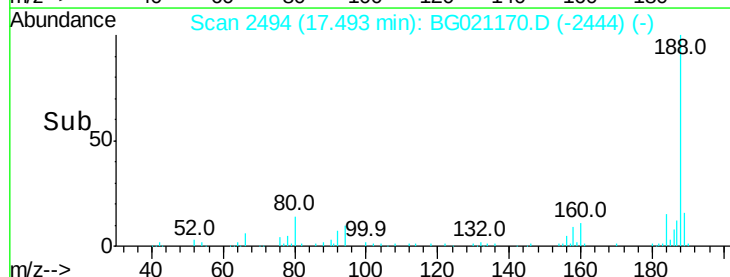
80 13.7 9.2 13.8



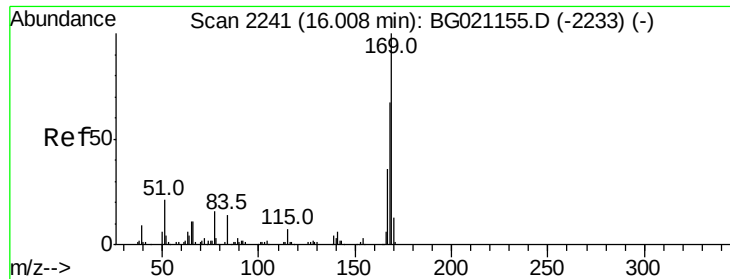
Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



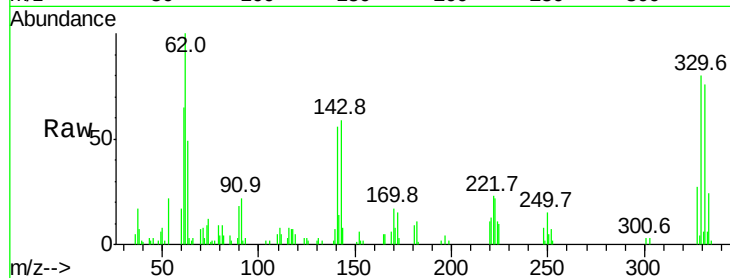
Time-->



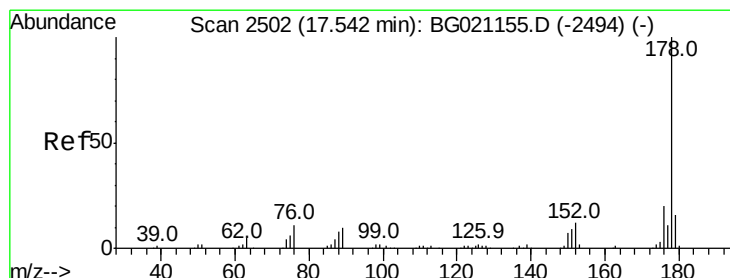
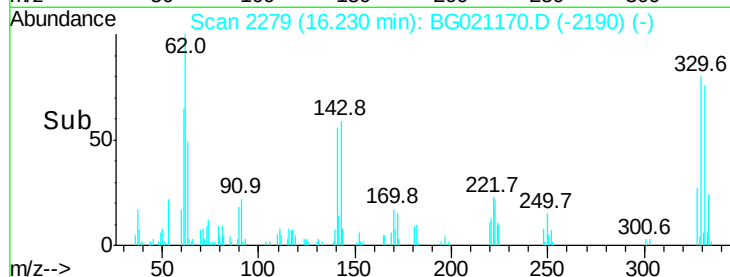
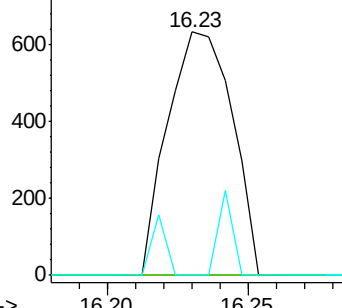
#65
 n-Nitrosodiphenylamine
 Concen: 0.46 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. 0.22 min
 Lab File: BG021170.D
 Acq: 1 Mar 2016 00:49

Instrument :
 BNA_G
 ClientSampleId :
 40053+15(0-2)DL

Tot Ion:169 Resp: 1002
 Ion Ratio Lower Upper
 169 100
 168 0.0 58.2 87.2#
 167 0.0 31.0 46.6#

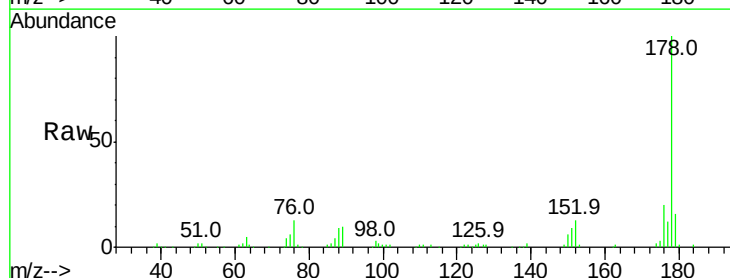


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

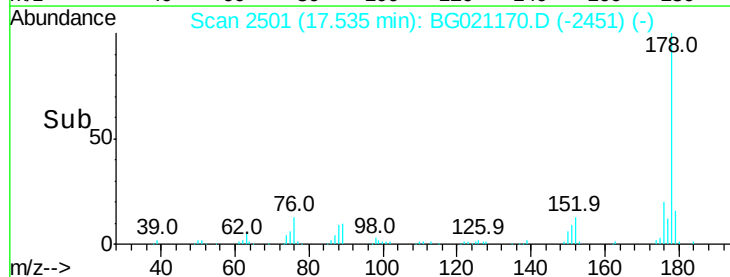
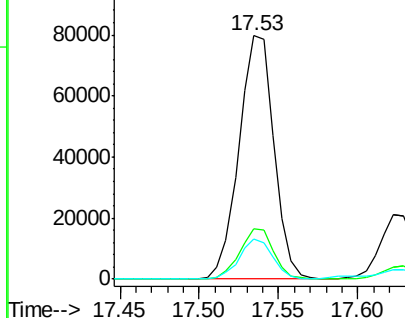


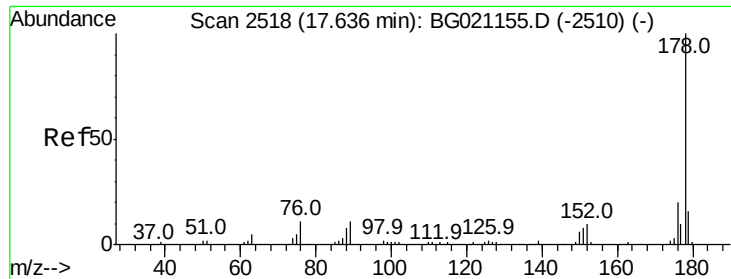
#70
 Phenanthrene
 Concen: 32.25 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BG021170.D
 Acq: 1 Mar 2016 00:49

Tgt Ion:178 Resp: 122107
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.2 24.4
 179 16.4 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

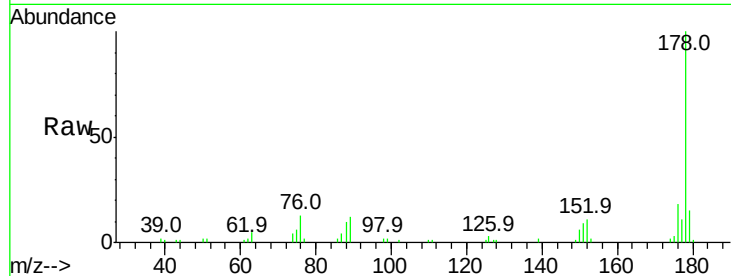




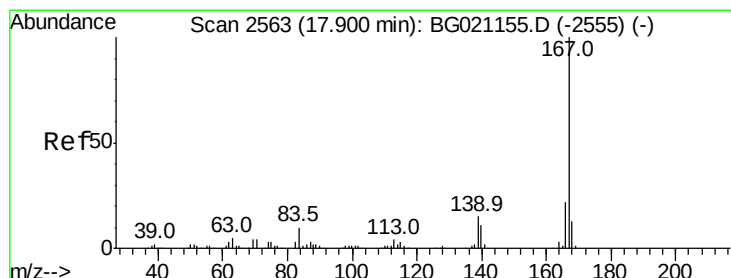
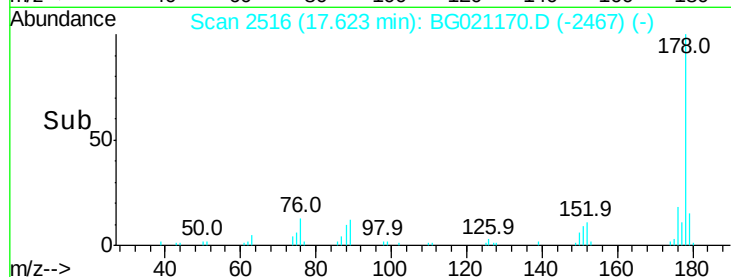
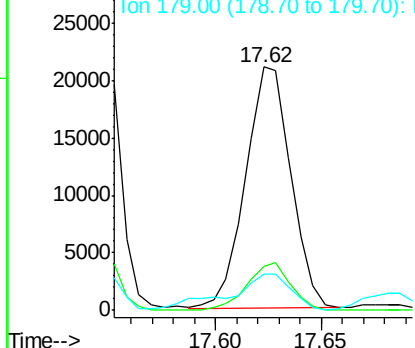
#71
 Anthracene
 Concen: 8.12 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BG021170.D
 Acq: 1 Mar 2016 00:49

Instrument :
 BNA_G
 ClientSampleId :
 40053+15(0-2)DL

Tot Ion:178 Resp: 31449
 Ion Ratio Lower Upper
 178 100
 176 17.9 14.8 22.2
 179 15.1 12.6 19.0

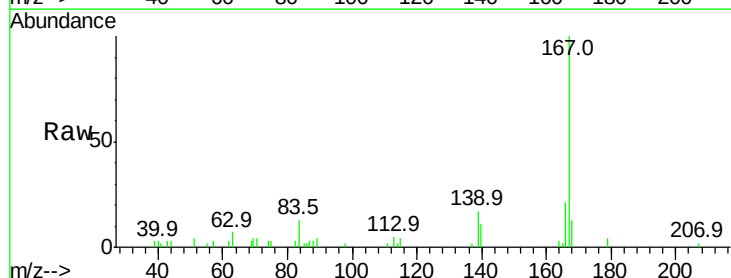


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

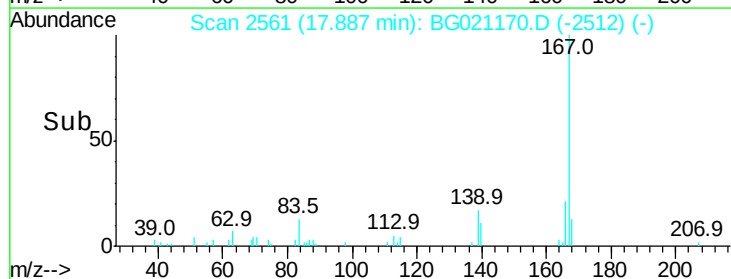
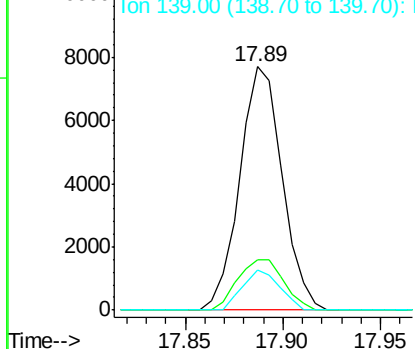


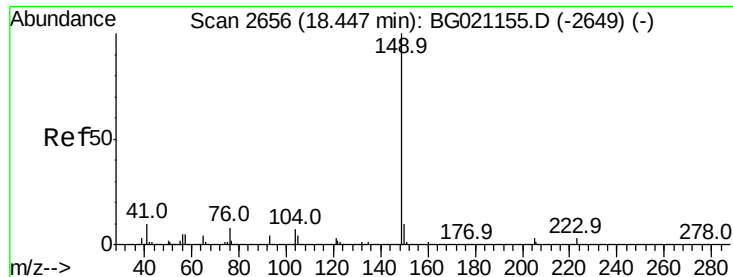
#72
 Carbazole
 Concen: 3.38 ng
 RT: 17.89 min Scan# 2561
 Delta R.T. -0.01 min
 Lab File: BG021170.D
 Acq: 1 Mar 2016 00:49

Tgt Ion:167 Resp: 11602
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.5 26.3
 139 16.7 10.3 15.5#



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

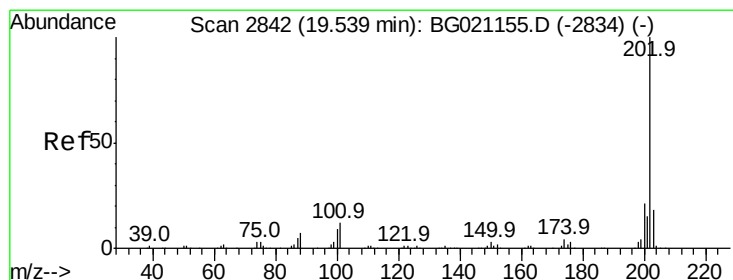
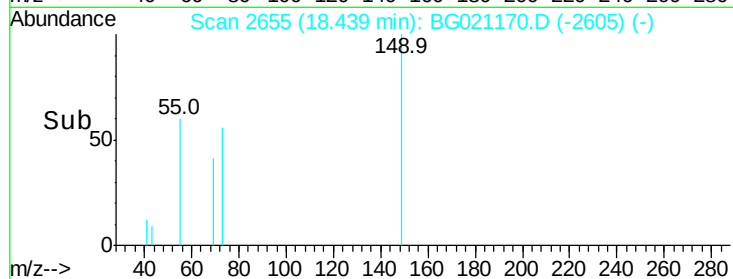
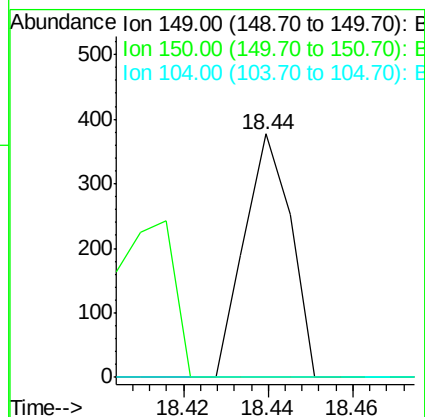
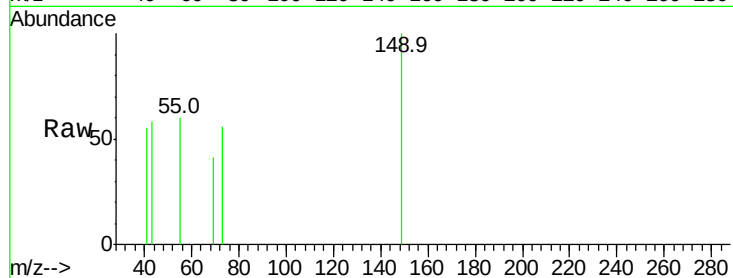




#73
Di-n-butylphthalate
Concen: 0.06 ng
RT: 18.44 min Scan# 2655
Delta R.T. -0.01 min
Lab File: BG021170.D
Acq: 1 Mar 2016 00:49

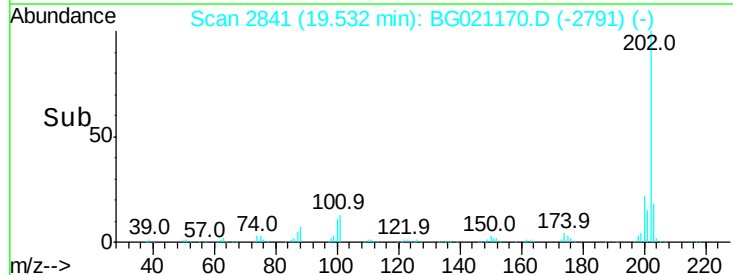
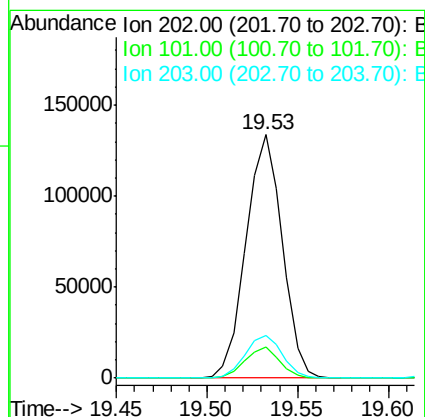
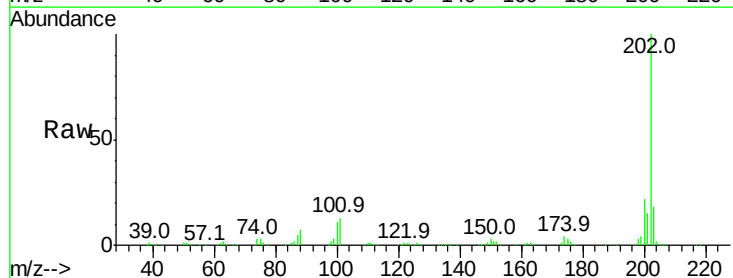
Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)DL

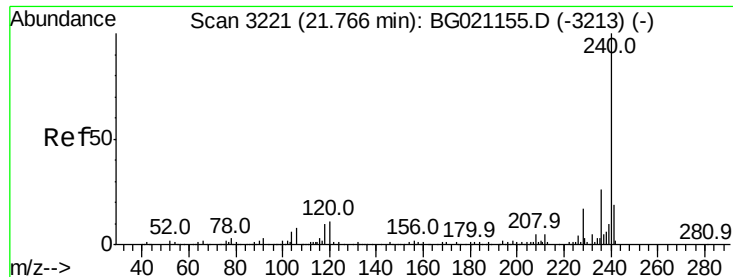
Tot Ion:149 Resp: 289
Ion Ratio Lower Upper
149 100
150 0.0 7.6 11.4#
104 0.0 4.1 6.1#



#74
Fluoranthene
Concen: 41.82 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BG021170.D
Acq: 1 Mar 2016 00:49

Tgt Ion:202 Resp: 186034
Ion Ratio Lower Upper
202 100
101 12.8 0.0 32.5
203 17.6 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.01 min

Lab File: BG021170.D

Acq: 1 Mar 2016 00:49

Instrument :

BNA_G

ClientSampleId :

40053+15(0-2)DL

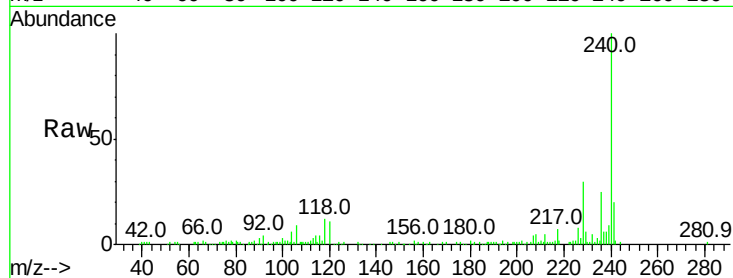
Tot Ion:240 Resp: 73832

Ion Ratio Lower Upper

240 100

120 11.0 7.5 11.3

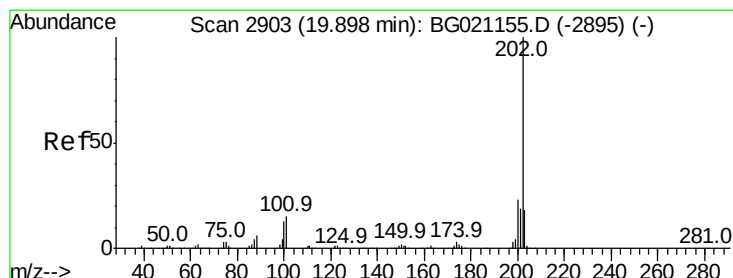
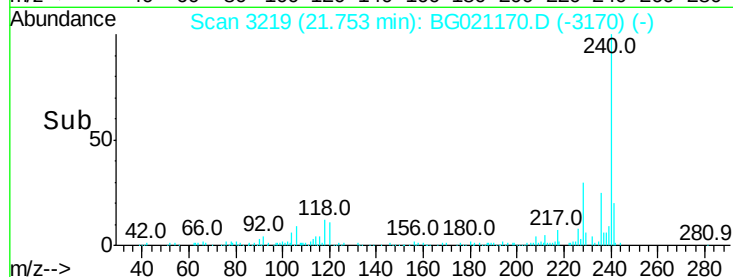
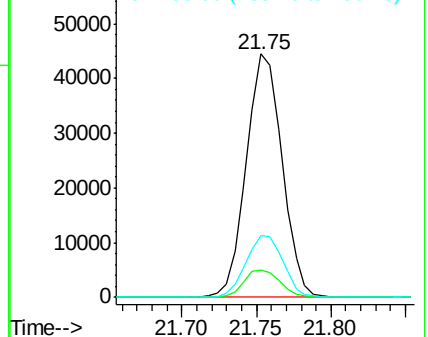
236 25.4 20.5 30.7



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

Pyrene

Concen: 34.49 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG021170.D

Acq: 1 Mar 2016 00:49

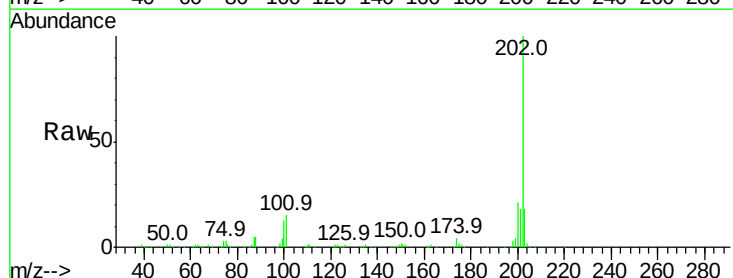
Tgt Ion:202 Resp: 151902

Ion Ratio Lower Upper

202 100

200 21.5 16.6 25.0

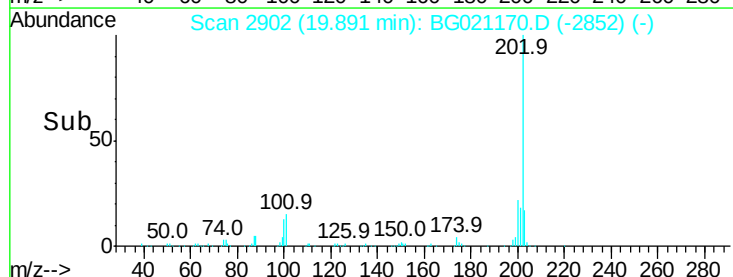
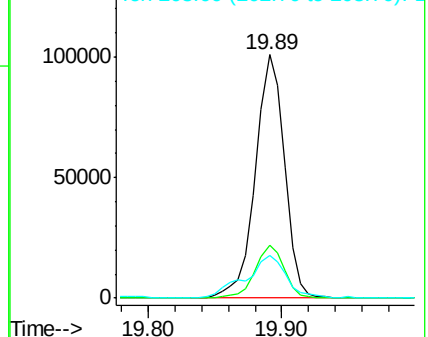
203 17.5 13.8 20.8

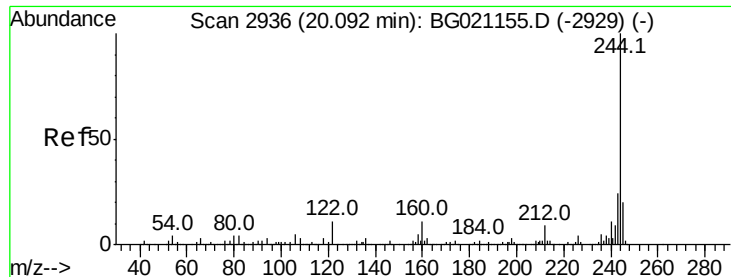


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 29.95 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.01 min

Lab File: BG021170.D

Acq: 1 Mar 2016 00:49

Instrument :

BNA_G

ClientSampleId :

40053+15(0-2)DL

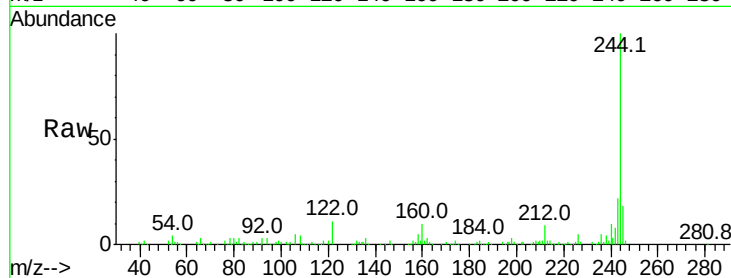
Tot Ion:244 Resp: 91264

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.6#

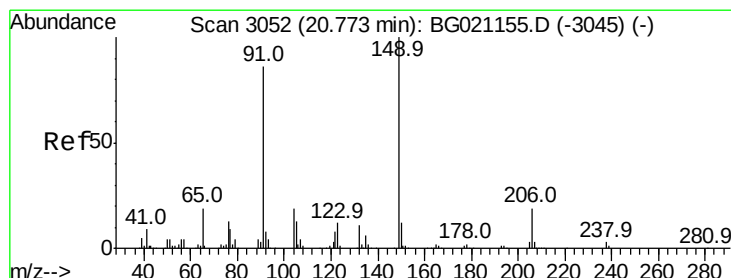
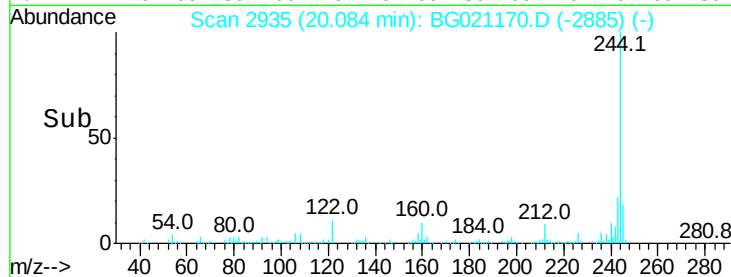
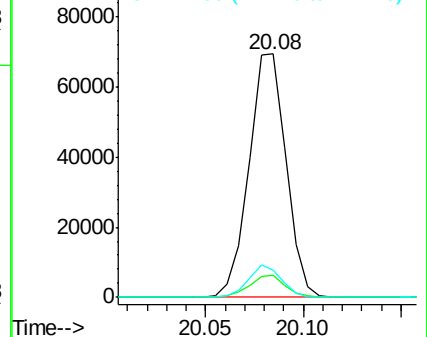
122 11.0 8.3 12.5



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: 20.77 min Scan# 3051

Delta R.T. -0.01 min

Lab File: BG021170.D

Acq: 1 Mar 2016 00:49

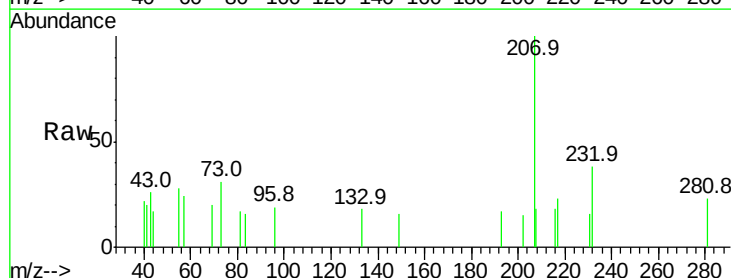
Tgt Ion:149 Resp: 58

Ion Ratio Lower Upper

149 100

91 0.0 58.6 87.8#

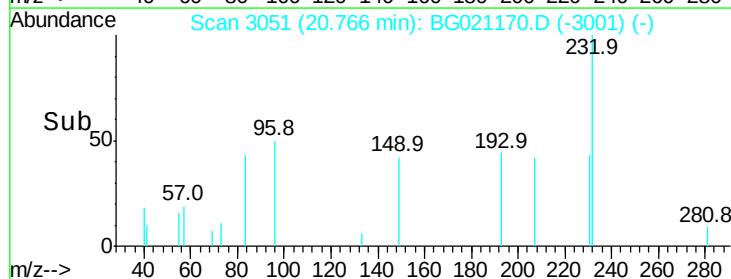
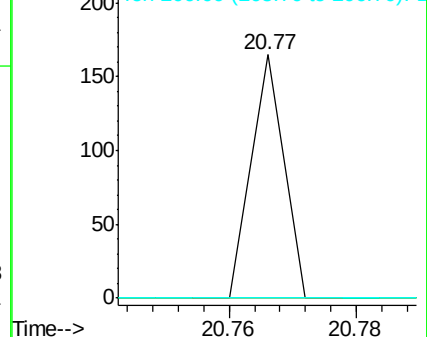
206 0.0 14.2 21.4#

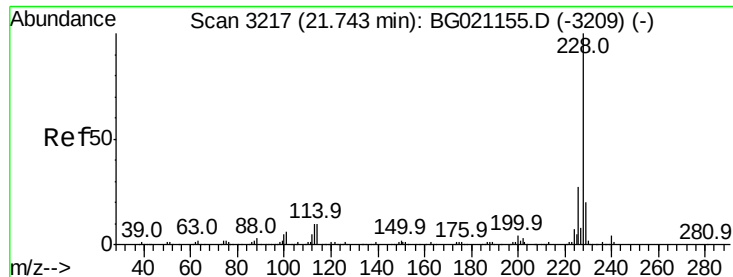


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 19.10 ng

RT: 21.74 min Scan# 3216

Delta R.T. -0.01 min

Lab File: BG021170.D

Acq: 1 Mar 2016 00:49

Instrument :

BNA_G

ClientSampleId :

40053+15(0-2)DL

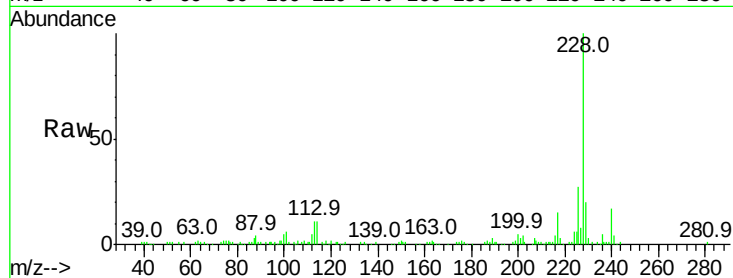
Tot Ion:228 Resp: 83484

Ion Ratio Lower Upper

228 100

226 26.8 22.7 34.1

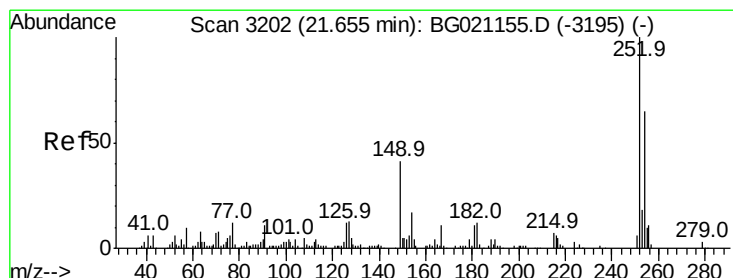
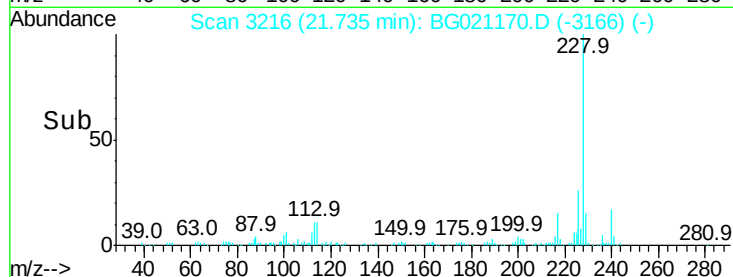
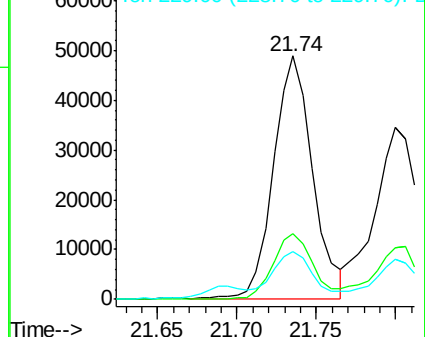
229 19.8 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.25 ng

RT: 21.81 min Scan# 3229

Delta R.T. 0.16 min

Lab File: BG021170.D

Acq: 1 Mar 2016 00:49

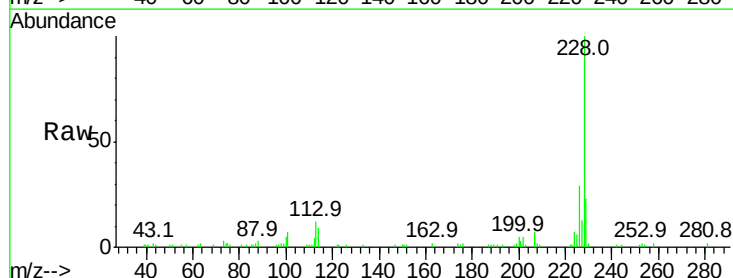
Tgt Ion:252 Resp: 408

Ion Ratio Lower Upper

252 100

254 126.2 52.6 79.0#

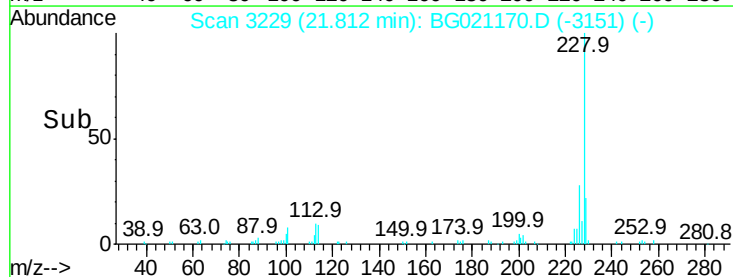
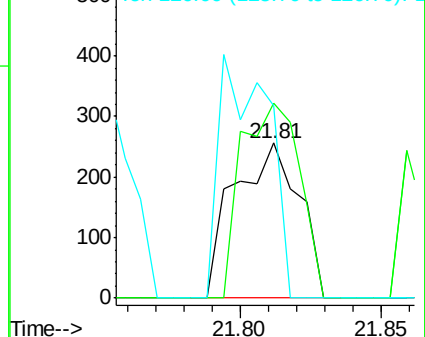
126 124.2 8.3 12.5#

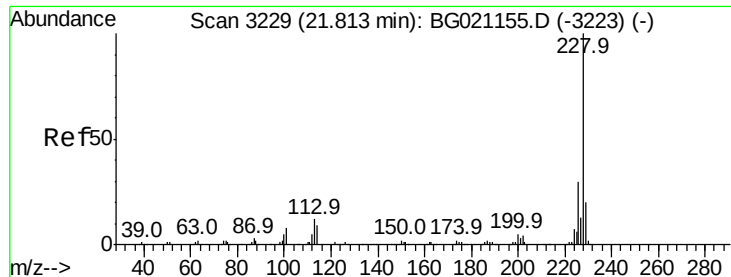


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 15.76 ng

RT: 21.80 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BG021170.D

Acq: 1 Mar 2016 00:49

Instrument :

BNA_G

ClientSampleId :

40053+15(0-2)DL

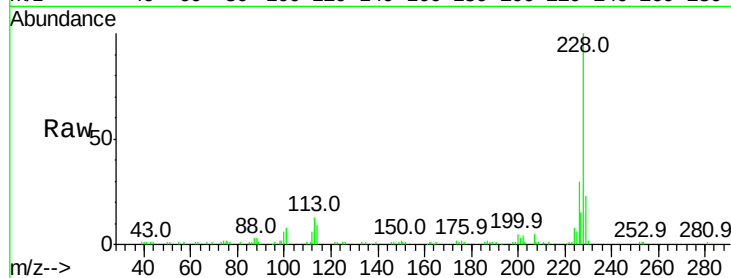
Tot Ion:228 Resp: 65268

Ion Ratio Lower Upper

228 100

226 30.2 23.7 35.5

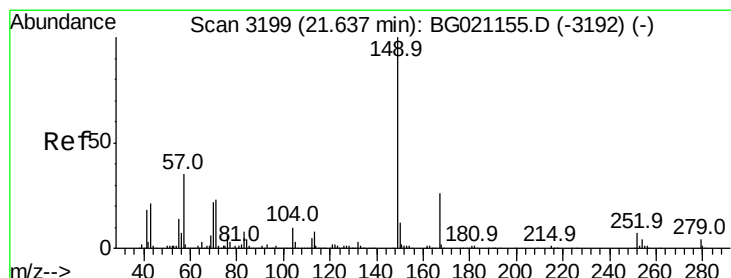
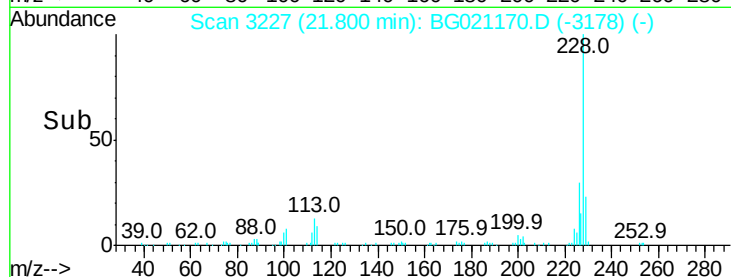
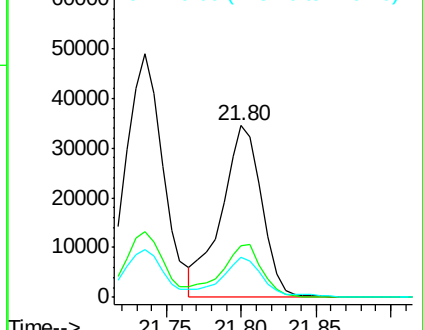
229 23.1 16.7 25.1



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: 0.15 ng

RT: 21.63 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BG021170.D

Acq: 1 Mar 2016 00:49

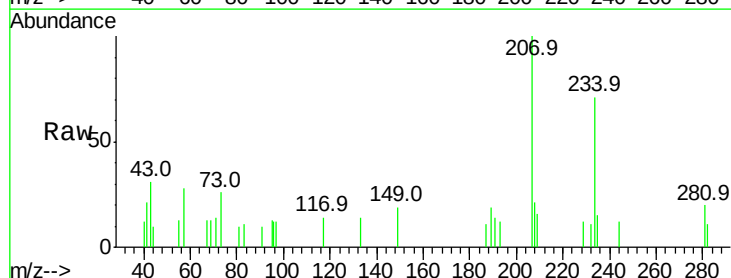
Tgt Ion:149 Resp: 483

Ion Ratio Lower Upper

149 100

167 0.0 18.9 28.3#

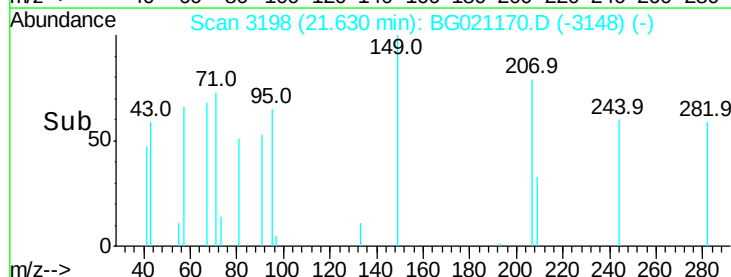
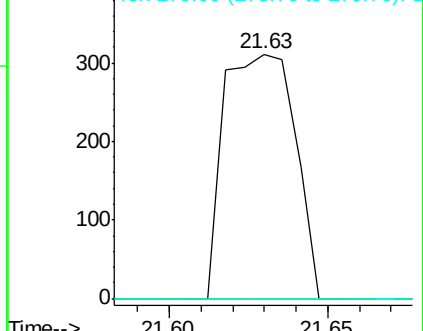
279 0.0 3.0 4.6#

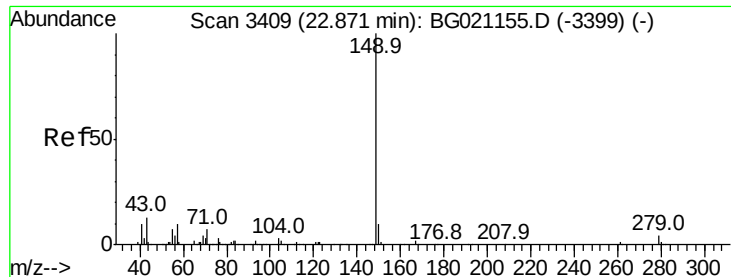


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

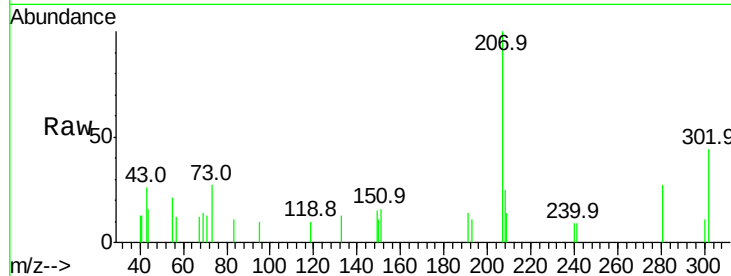




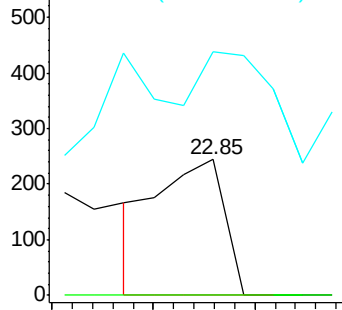
#84
Di-n-octyl phthalate
Concen: 0.04 ng
RT: 22.85 min Scan# 3406
Delta R.T. -0.02 min
Lab File: BG021170.D
Acq: 1 Mar 2016 00:49

Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)DL

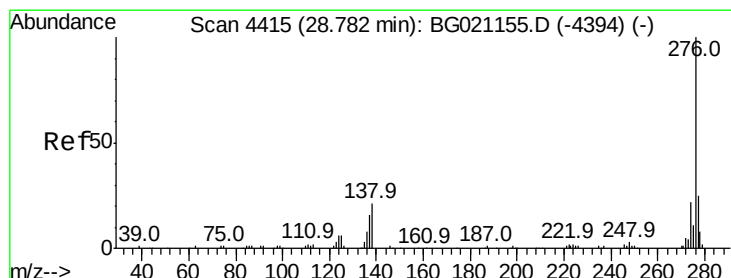
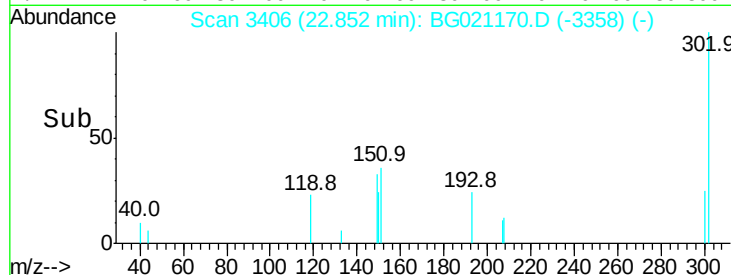
Tot Ion:149 Resp: 224
Ion Ratio Lower Upper
149 100
167 0.0 1.1 1.7#
43 82.6 9.8 14.8#



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

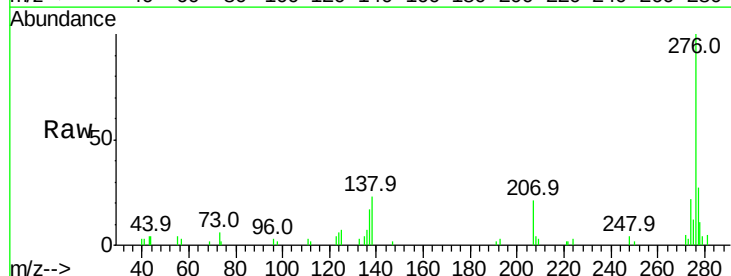


Time--> 22.82 22.84 22.86

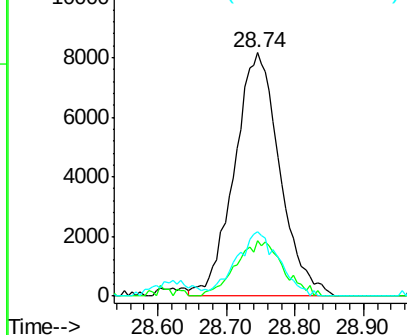


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.90 ng
RT: 28.74 min Scan# 4409
Delta R.T. -0.04 min
Lab File: BG021170.D
Acq: 1 Mar 2016 00:49

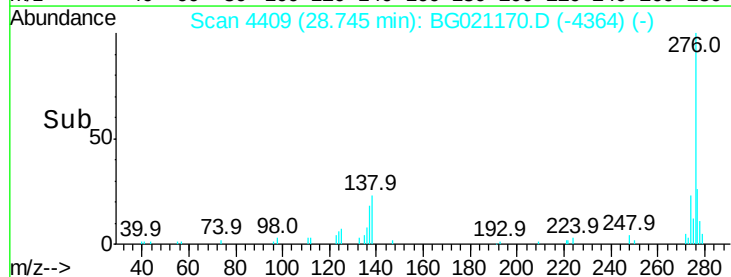
Tgt Ion:276 Resp: 37533
Ion Ratio Lower Upper
276 100
138 23.3 0.0 0.0#
277 25.0 0.0 0.0#

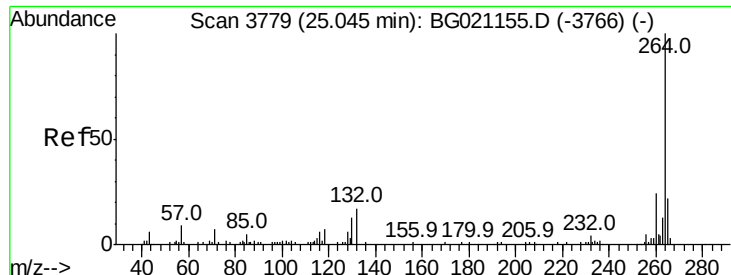


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time--> 28.60 28.70 28.80 28.90



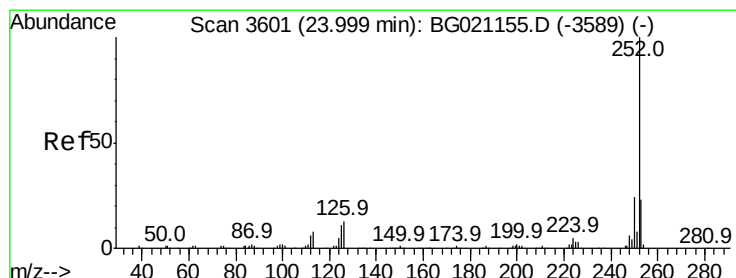
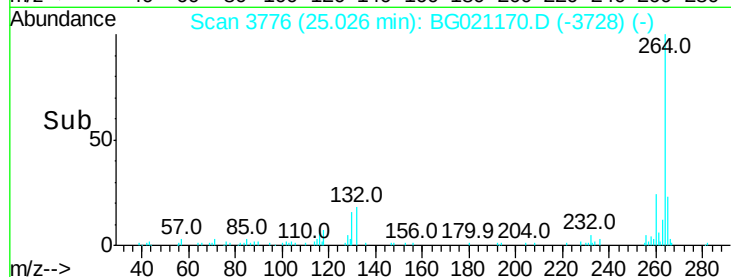
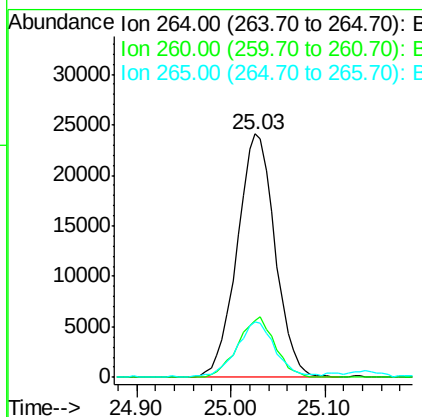
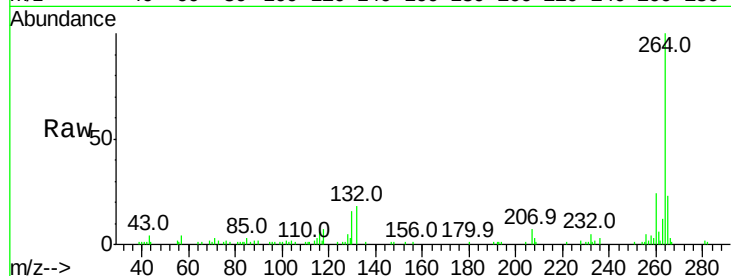


#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3776
Delta R.T. -0.02 min
Lab File: BG021170.D
Acq: 1 Mar 2016 00:49

Instrument :
BNA_G
ClientSampleId :
40053+15(0-2)DL

Tot Ion:264 Resp: 67215

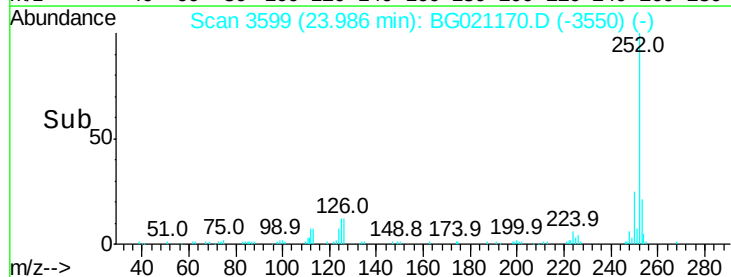
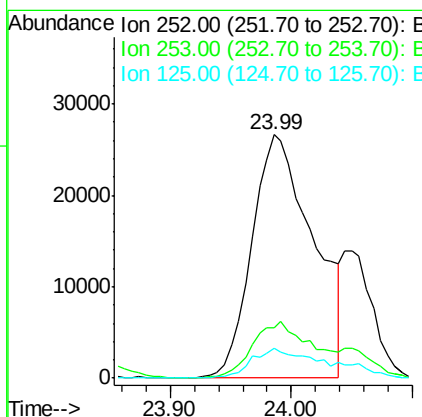
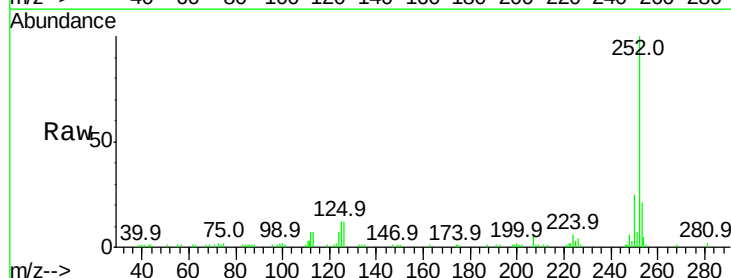
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	22.8	18.6	28.0

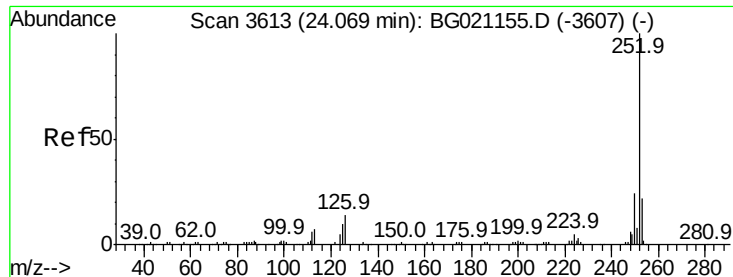


#87
Benzo(b)fluoranthene
Concen: 22.17 ng
RT: 23.99 min Scan# 3599
Delta R.T. -0.01 min
Lab File: BG021170.D
Acq: 1 Mar 2016 00:49

Tgt Ion:252 Resp: 93747

Ion	Ratio	Lower	Upper
252	100		
253	20.6	16.8	25.2
125	12.1	8.2	12.2





#88

Benzo(k)fluoranthene

Concen: 22.14 ng

RT: 23.99 min Scan# 3599

Delta R.T. -0.08 min

Lab File: BG021170.D

Acq: 1 Mar 2016 00:49

Instrument :

BNA_G

ClientSampleId :

40053+15(0-2)DL

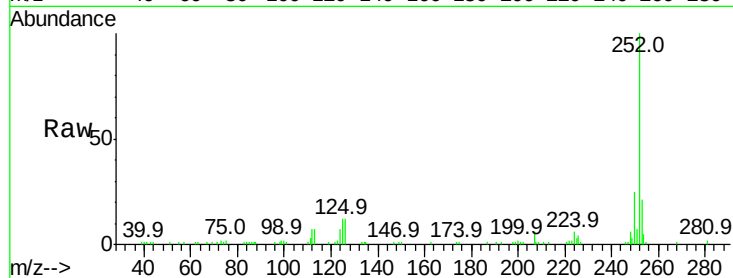
Tot Ion:252 Resp: 93747

Ion Ratio Lower Upper

252 100

253 20.6 16.4 24.6

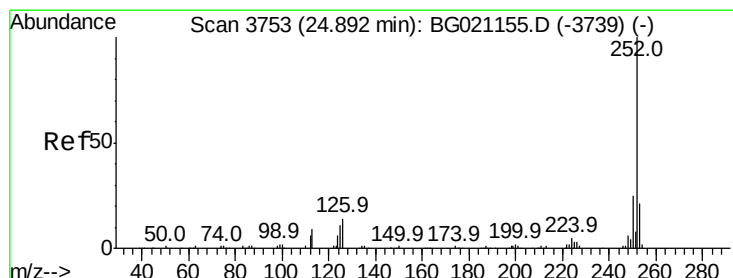
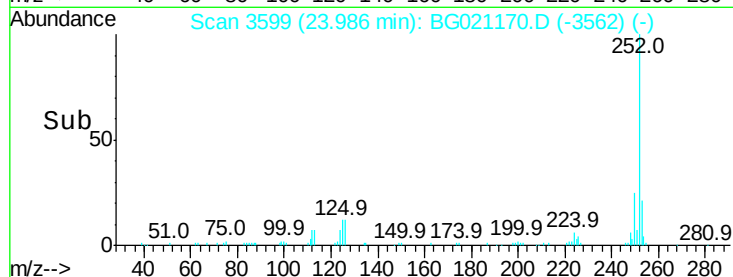
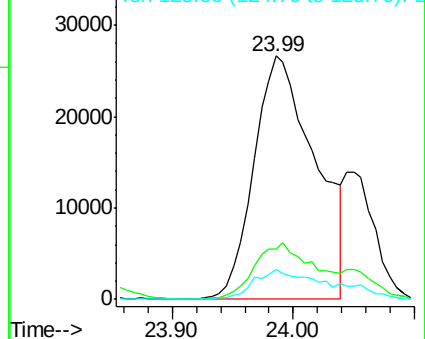
125 12.1 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 15.63 ng

RT: 24.87 min Scan# 3750

Delta R.T. -0.02 min

Lab File: BG021170.D

Acq: 1 Mar 2016 00:49

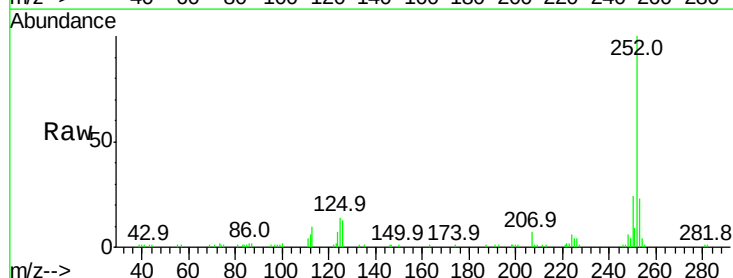
Tgt Ion:252 Resp: 63892

Ion Ratio Lower Upper

252 100

253 23.3 15.8 23.8

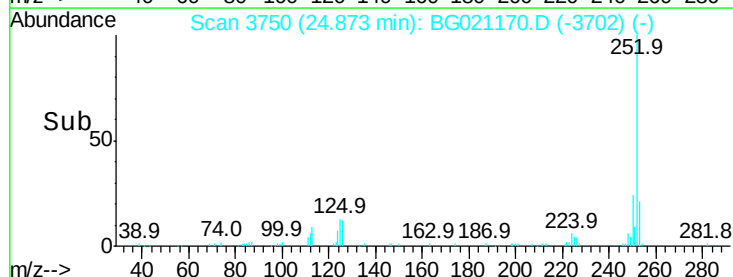
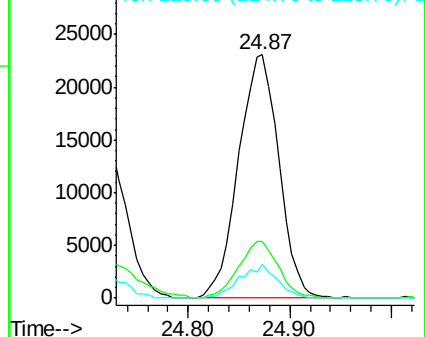
125 13.7 8.4 12.6#

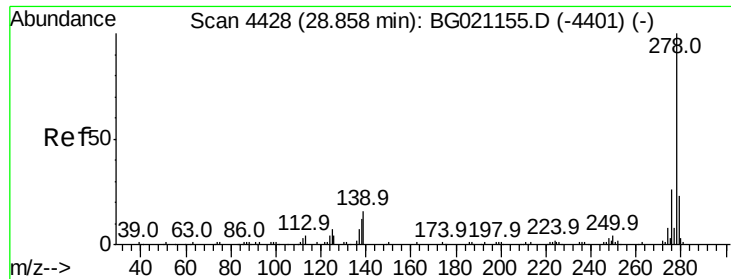


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 1.30 ng

RT: 28.79 min Scan# 4417

Delta R.T. -0.07 min

Lab File: BG021170.D

Acq: 1 Mar 2016 00:49

Instrument :

BNA_G

ClientSampleId :

40053+15(0-2)DL

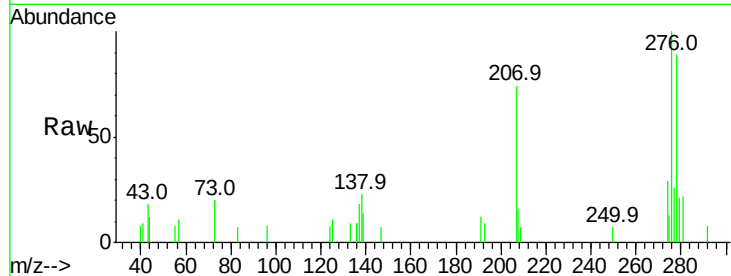
Tot Ion:278 Resp: 5254

Ion Ratio Lower Upper

278 100

139 15.4 10.6 15.8

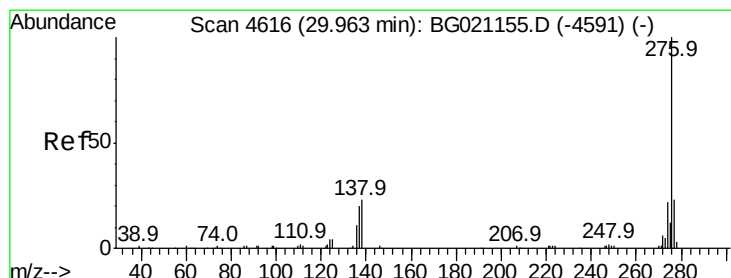
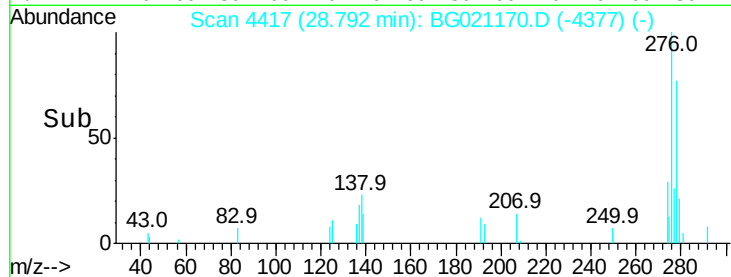
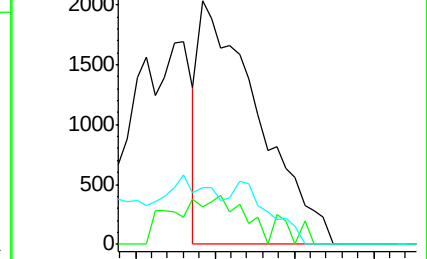
279 23.2 19.7 29.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 8.27 ng

RT: 29.91 min Scan# 4607

Delta R.T. -0.05 min

Lab File: BG021170.D

Acq: 1 Mar 2016 00:49

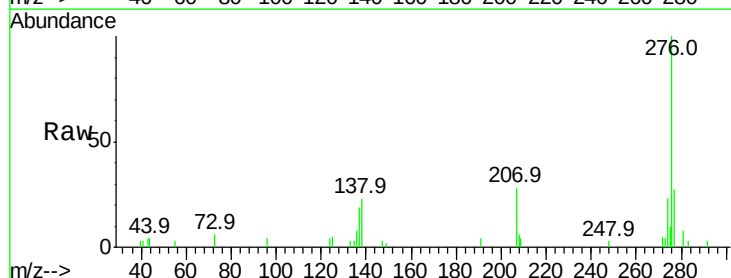
Tgt Ion:276 Resp: 32315

Ion Ratio Lower Upper

276 100

277 27.5 16.6 25.0#

138 23.5 14.6 21.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

