

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
 Data File : BG021172.D
 Acq On : 1 Mar 2016 2:08
 Operator : UM/SJ
 Sample : H1557-02DL 20X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-10DL

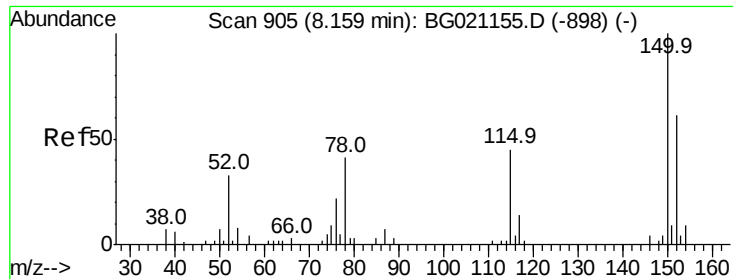
Quant Time: Mar 01 03:05:18 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 29 17:40:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	9799	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	53610	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	31848	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	68566	20.00	ng	0.00
75) Chrysene-d12	21.76	240	74500	20.00	ng	0.00
86) Perylene-d12	25.03	264	70171	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	2500	4.06	ng	0.00
7) Phenol-d6	7.30	99	3652	3.60	ng	0.00
23) Nitrobenzene-d5	9.30	82	3028	2.39	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	1268	3.83	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	6322	2.82	ng	-0.01
78) Terphenyl-d14	20.08	244	8307	2.70	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	54	0.20	ng	# 24
15) Benzyl Alcohol	8.15	79	308	0.33	ng	# 11
37) 2-Methylnaphthalene	12.59	142	145	0.07	ng	# 72
49) Dimethylphthalate	14.20	163	949	0.33	ng	# 77
54) Dibenzofuran	15.15	168	380	0.13	ng	# 68
55) 4-Nitrophenol	15.15	139	195	0.36	ng	# 24
56) 2,4-Dinitrotoluene	15.37	165	55	0.06	ng	# 19
59) Diethylphthalate	15.54	149	58	0.02	ng	# 61
62) Azobenzene	16.08	77	120	0.04	ng	# 1
65) n-Nitrosodiphenylamine	16.00	169	883	0.42	ng	# 21
70) Phenanthrene	17.54	178	50814	13.73	ng	98
71) Anthracene	17.62	178	14612	3.86	ng	95
72) Carbazole	17.89	167	2538	0.76	ng	# 79
73) Di-n-butylphthalate	18.44	149	601	0.13	ng	# 57
74) Fluoranthene	19.53	202	202729	46.63	ng	100
76) Benzdine	19.70	184	62	0.03	ng	# 1
77) Pyrene	19.89	202	204466	46.01	ng	98
79) Butylbenzylphthalate	20.76	149	530	0.23	ng	# 23
80) Benzo(a)anthracene	21.74	228	95504	21.65	ng	97
81) 3,3'-Dichlorobenzidine	21.51	252	128	0.08	ng	# 3
82) Chrysene	21.80	228	88965	21.28	ng	98
83) Bis(2-ethylhexyl)phthalate	21.64	149	363	0.11	ng	# 69
84) Di-n-octyl phthalate	22.87	149	391	0.07	ng	# 71
85) Indeno(1,2,3-cd)pyrene	28.75	276	33868	7.07	ng	# 100
87) Benzo(b)fluoranthene	23.99	252	111210	25.20	ng	98
88) Benzo(k)fluoranthene	23.99	252	111210	25.16	ng	97
89) Benzo(a)pyrene	24.87	252	55705	13.05	ng	# 92
90) Dibenzo(a,h)anthracene	28.79	278	10947	2.59	ng	# 90
91) Benzo(g,h,i)perylene	29.92	276	30016	7.36	ng	# 87

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG021172.D

Acq: 1 Mar 2016 2:08

Instrument :

BNA_G

ClientSampleId :

P-10DL

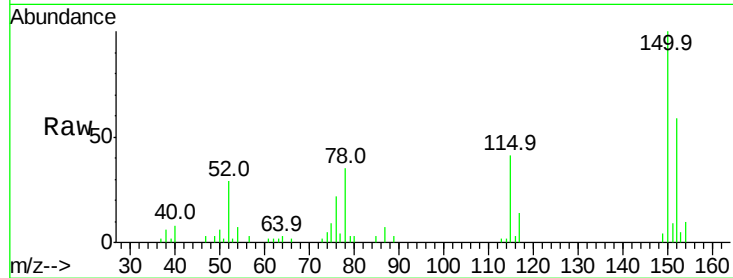
Tot Ion:152 Resp: 9799

Ion Ratio Lower Upper

152 100

150 169.4 123.4 185.2

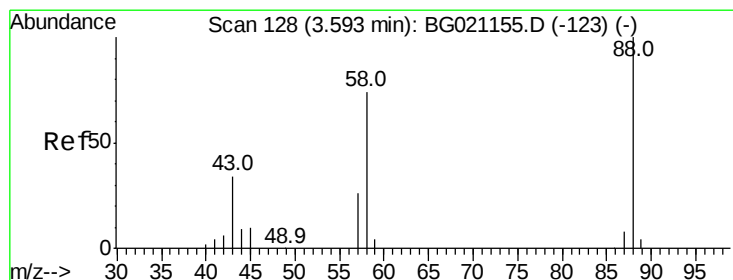
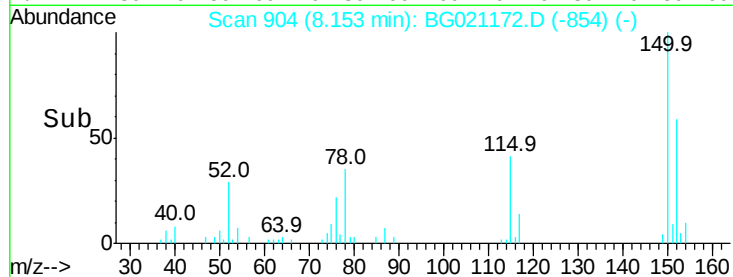
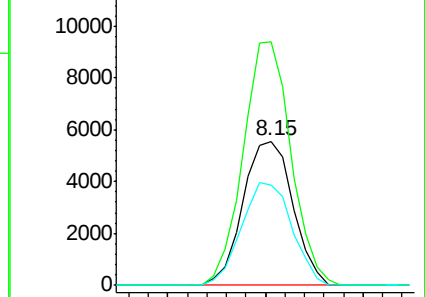
115 69.8 43.3 64.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.20 ng

RT: 3.50 min Scan# 112

Delta R.T. -0.09 min

Lab File: BG021172.D

Acq: 1 Mar 2016 2:08

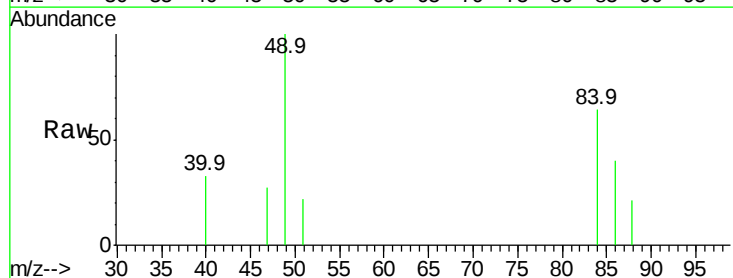
Tgt Ion: 88 Resp: 54

Ion Ratio Lower Upper

88 100

58 0.0 55.9 83.9#

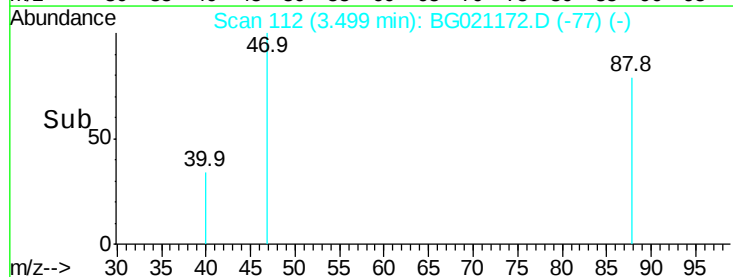
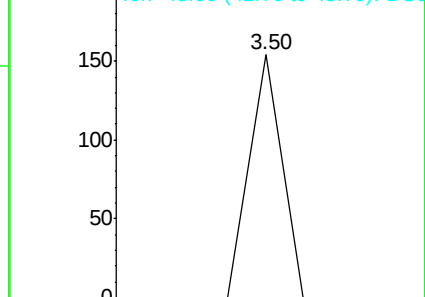
43 0.0 22.5 33.7#

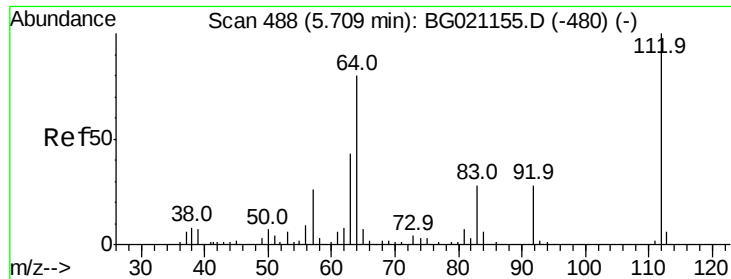


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

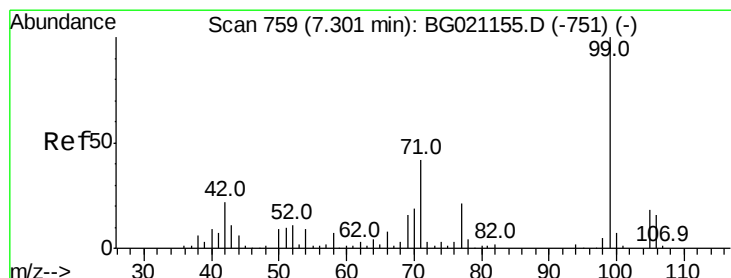
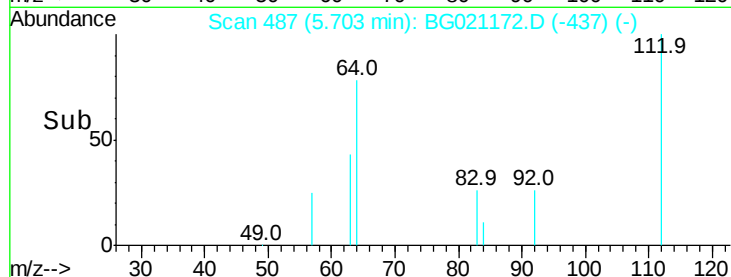
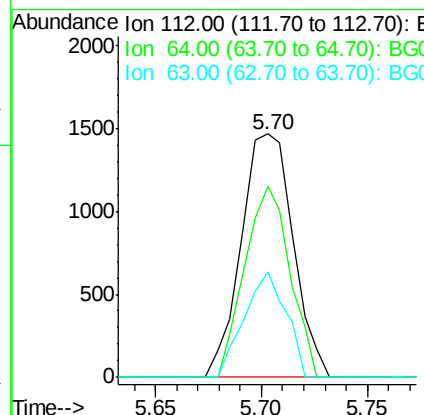
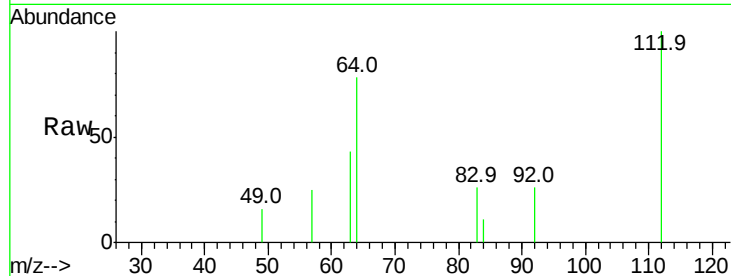




#5
 2-Fluorophenol
 Concen: 4.06 ng
 RT: 5.70 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BG021172.D
 Acq: 1 Mar 2016 2:08

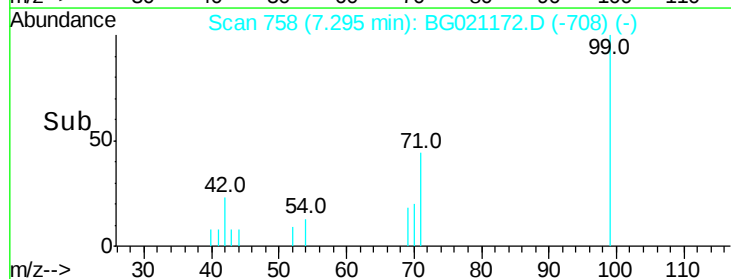
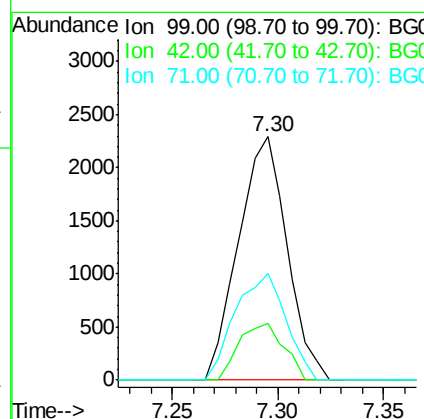
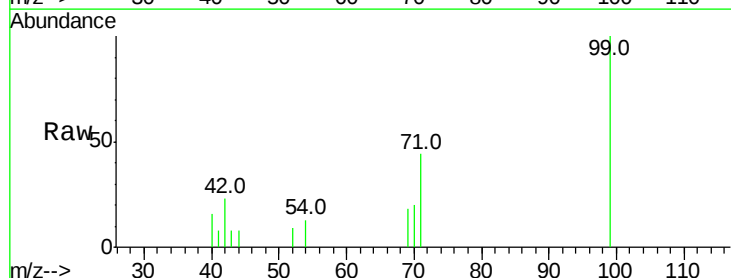
Instrument :
 BNA_G
 ClientSampleId :
 P-10DL

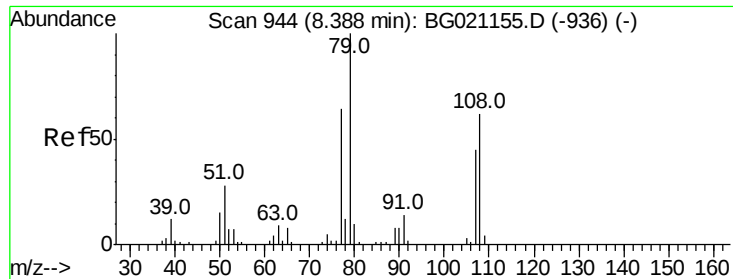
Tot Ion: 112 Resp: 2500
 Ion Ratio Lower Upper
 112 100
 64 78.4 42.6 63.8#
 63 43.4 21.7 32.5#



#7
 Phenol-d6
 Concen: 3.60 ng
 RT: 7.30 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BG021172.D
 Acq: 1 Mar 2016 2:08

Tgt Ion: 99 Resp: 3652
 Ion Ratio Lower Upper
 99 100
 42 23.4 13.2 19.8#
 71 44.0 25.2 37.8#





#15

Benzyl Alcohol

Concen: 0.33 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.23 min

Lab File: BG021172.D

Acq: 1 Mar 2016 2:08

Instrument :

BNA_G

ClientSampled :

P-10DL

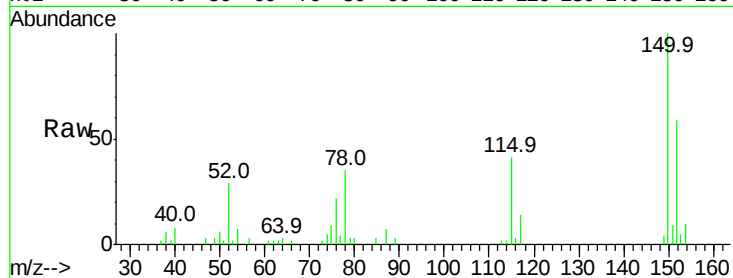
Tot Ion: 79 Resp: 308

Ion Ratio Lower Upper

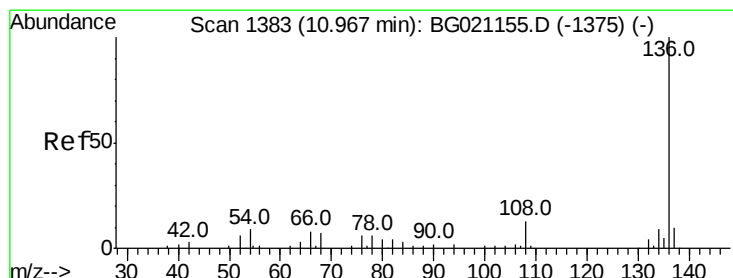
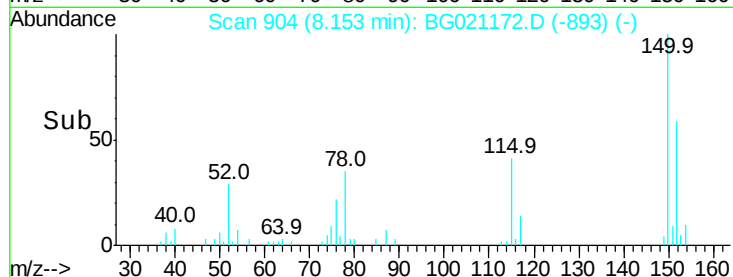
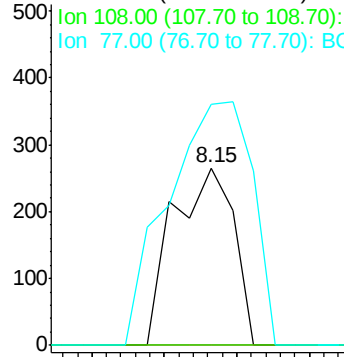
79 100

108 0.0 65.1 97.7#

77 135.8 53.8 80.8#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.96 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BG021172.D

Acq: 1 Mar 2016 2:08

Tgt Ion: 136 Resp: 53610

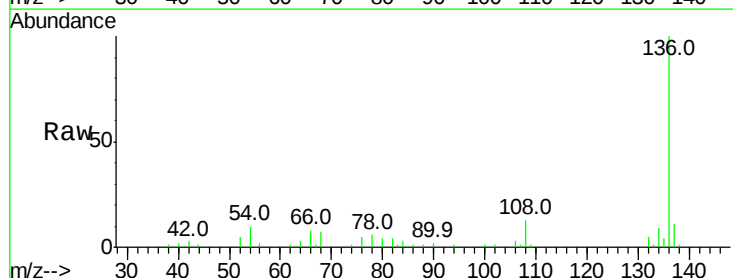
Ion Ratio Lower Upper

136 100

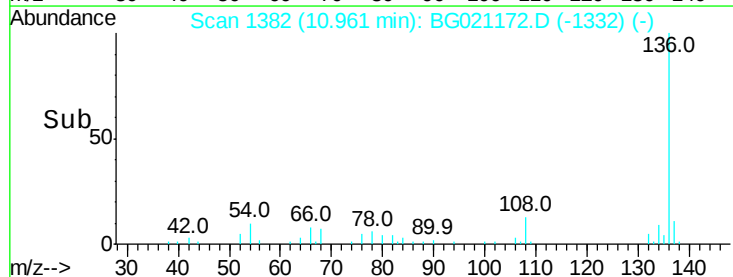
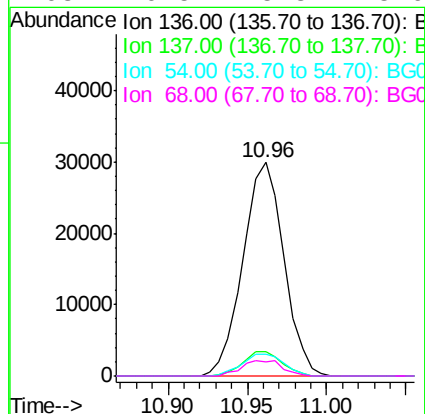
137 11.2 8.8 13.2

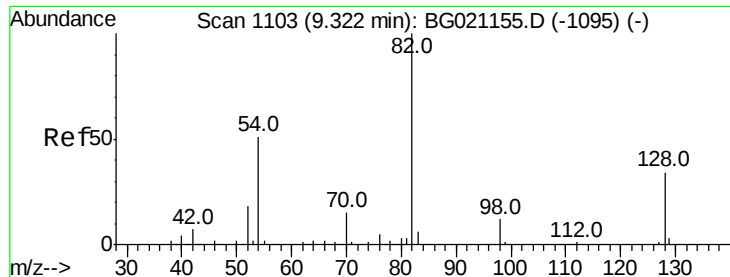
54 10.3 6.9 10.3

68 6.5 5.8 8.6



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

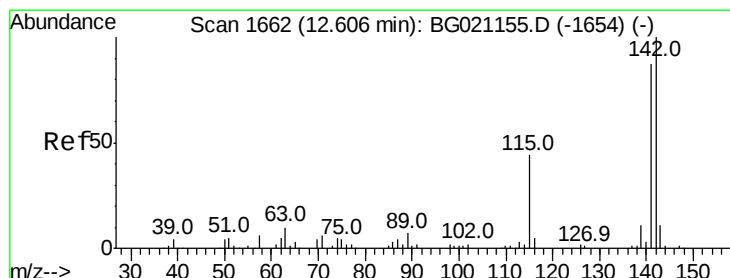
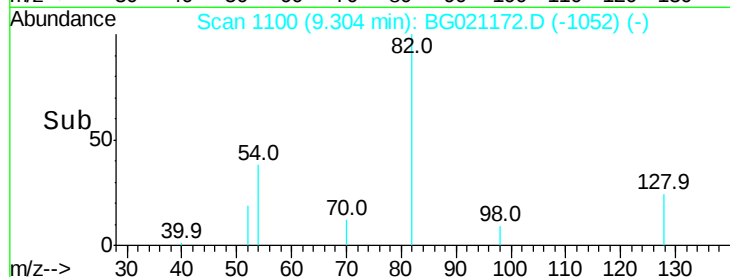
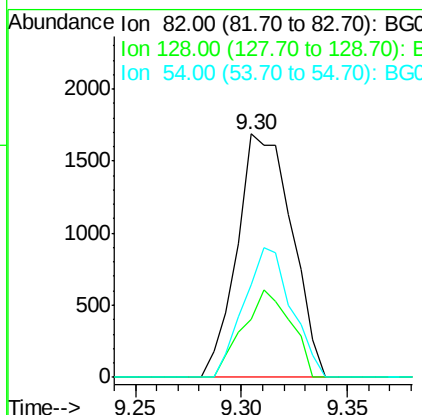
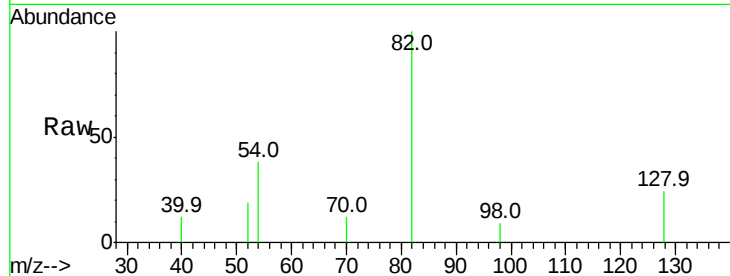




#23
Nitrobenzene-d5
Concen: 2.39 ng
RT: 9.30 min Scan# 1100
Delta R.T. -0.02 min
Lab File: BG021172.D
Acq: 1 Mar 2016 2:08

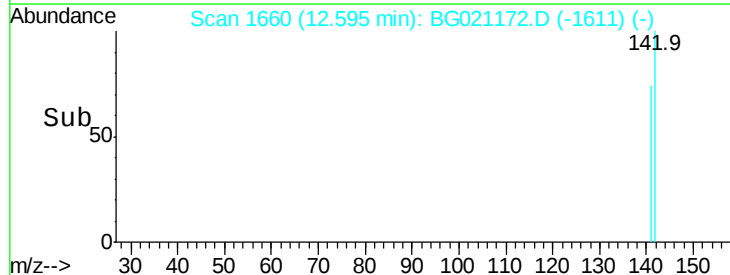
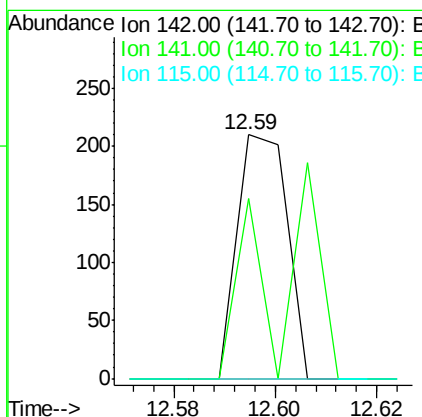
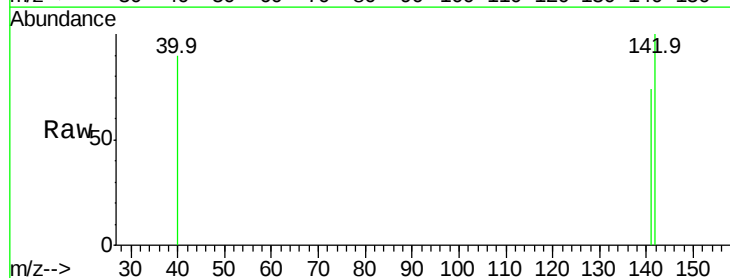
Instrument :
BNA_G
ClientSampleId :
P-10DL

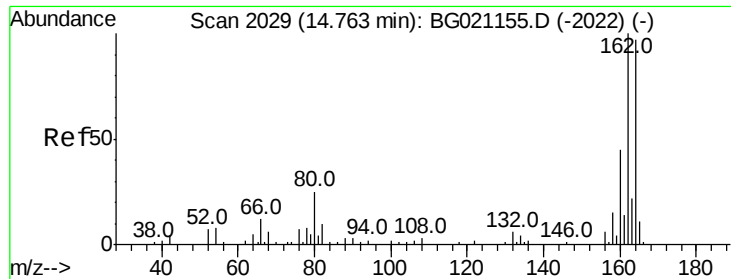
Tot Ion: 82 Resp: 3028
Ion Ratio Lower Upper
82 100
128 24.0 36.3 54.5#
54 37.8 37.6 56.4



#37
2-Methylnaphthalene
Concen: 0.07 ng
RT: 12.59 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG021172.D
Acq: 1 Mar 2016 2:08

Tgt Ion: 142 Resp: 145
Ion Ratio Lower Upper
142 100
141 73.8 71.7 107.5
115 0.0 26.2 39.4#

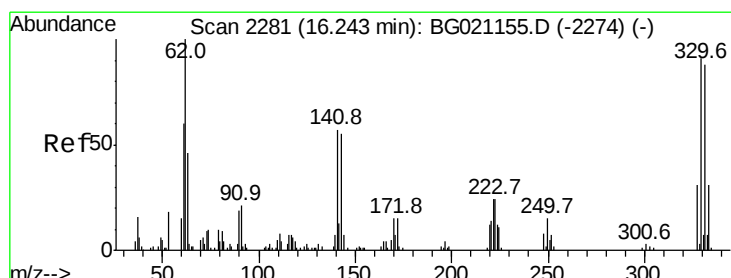
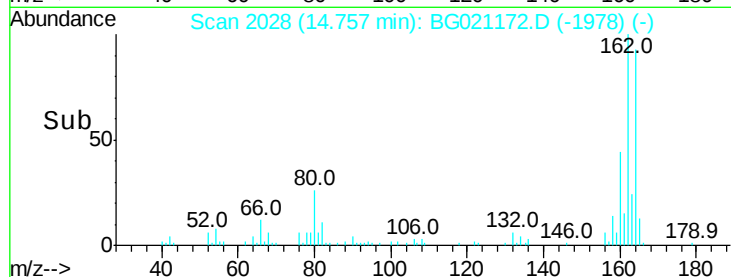
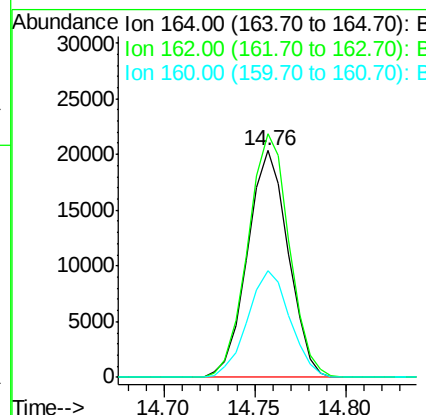
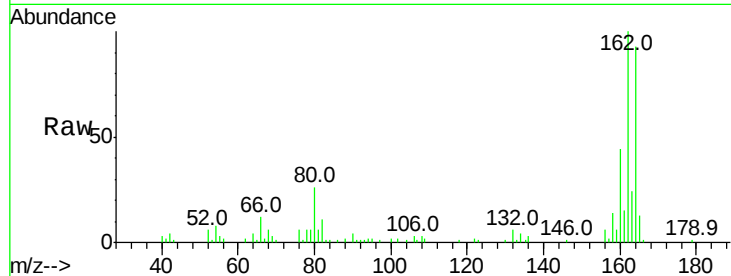




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG021172.D
Acq: 1 Mar 2016 2:08

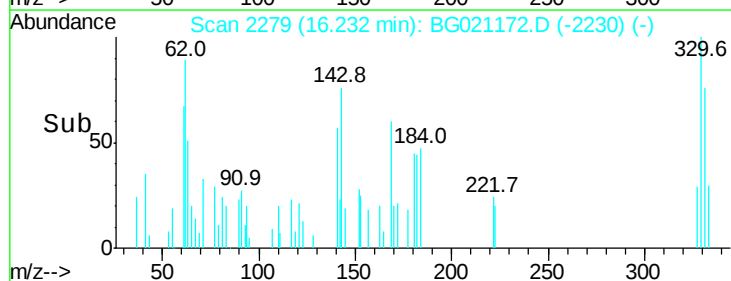
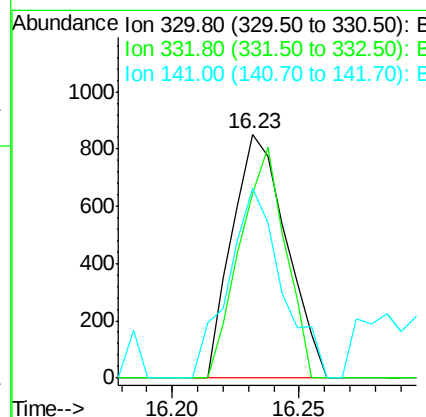
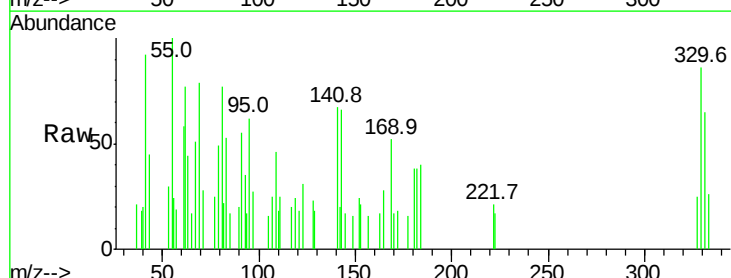
Instrument :
BNA_G
ClientSampleId :
P-10DL

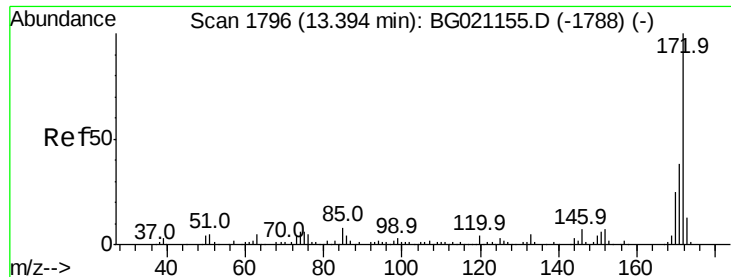
Tot Ion:164 Resp: 31848
Ion Ratio Lower Upper
164 100
162 107.5 80.6 120.8
160 47.3 36.5 54.7



#41
2,4,6-Tribromophenol
Concen: 3.83 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BG021172.D
Acq: 1 Mar 2016 2:08

Tgt Ion:330 Resp: 1268
Ion Ratio Lower Upper
330 100
332 79.4 77.4 116.0
141 77.1 35.3 52.9#

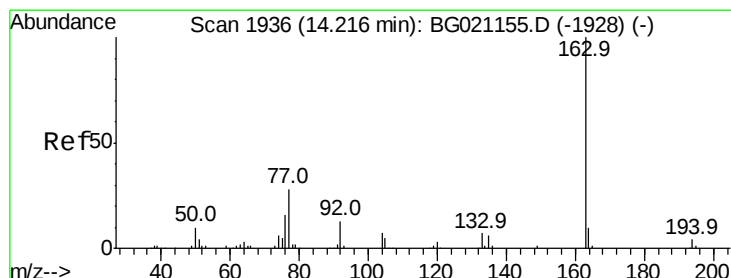
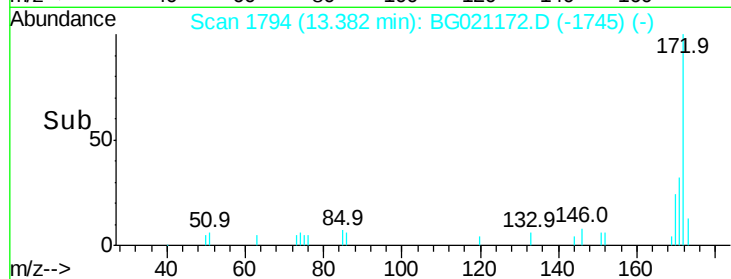
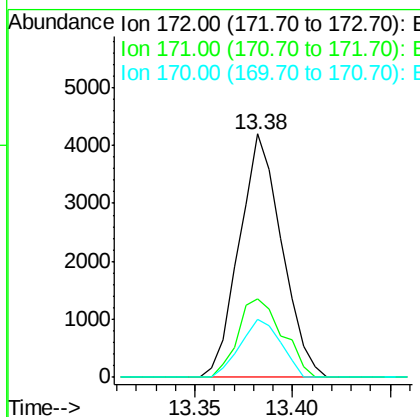
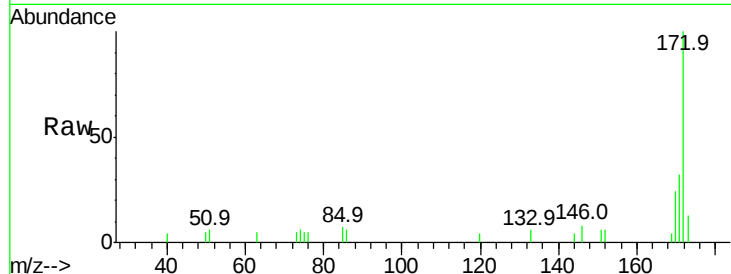




#44
 2-Fluorobiphenyl
 Concen: 2.82 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG021172.D
 Acq: 1 Mar 2016 2:08

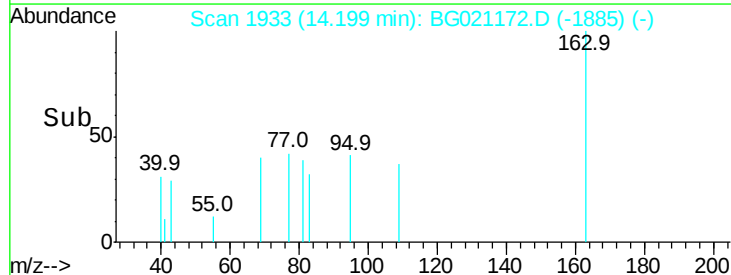
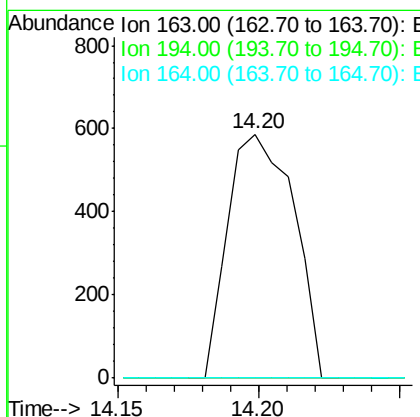
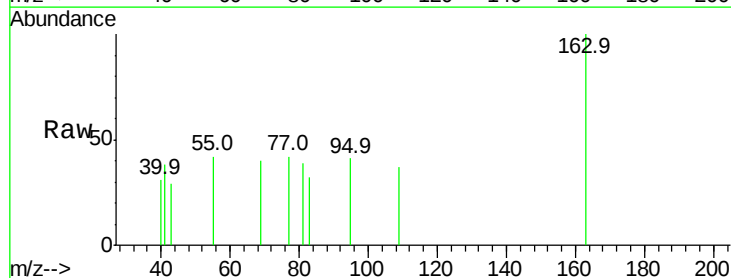
Instrument :
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 ClientSampleId :
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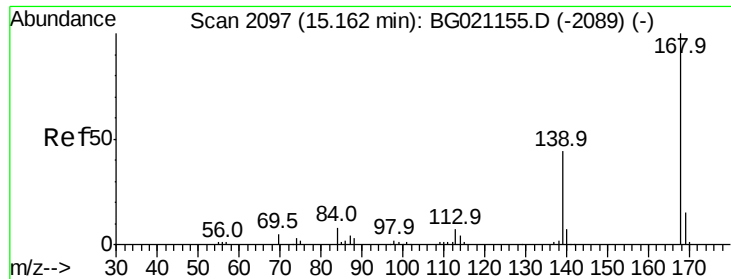
Tot Ion:172 Resp: 6322
 Ion Ratio Lower Upper
 172 100
 171 32.0 29.4 44.0
 170 24.0 19.8 29.8



#49
 Dimethylphthalate
 Concen: 0.33 ng
 RT: 14.20 min Scan# 1933
 Delta R.T. -0.02 min
 Lab File: BG021172.D
 Acq: 1 Mar 2016 2:08

Tgt Ion:163 Resp: 949
 Ion Ratio Lower Upper
 163 100
 194 0.0 2.8 4.2#
 164 0.0 7.9 11.9#





#54

Dibenzenofuran

Concen: 0.13 ng

RT: 15.15 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BG021172.D

Acq: 1 Mar 2016 2:08

Instrument :

BNA_G

ClientSampleId :

P-10DL

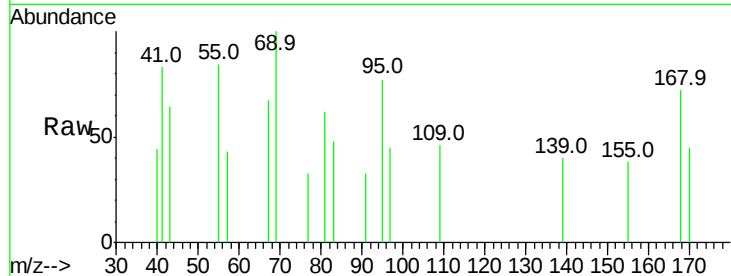
Tot Ion:168 Resp: 380

Ion Ratio Lower Upper

168 100

139 55.7 29.8 44.8#

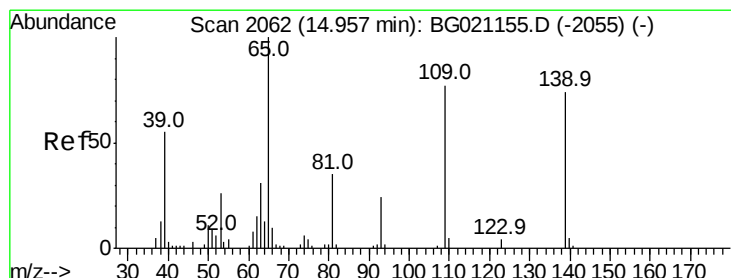
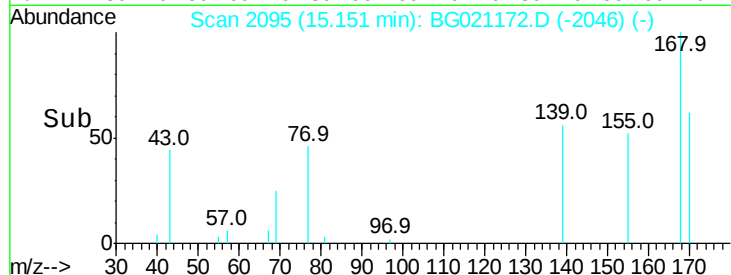
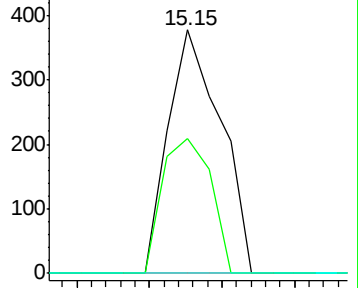
169 0.0 11.4 17.2#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 0.36 ng

RT: 15.15 min Scan# 2095

Delta R.T. 0.19 min

Lab File: BG021172.D

Acq: 1 Mar 2016 2:08

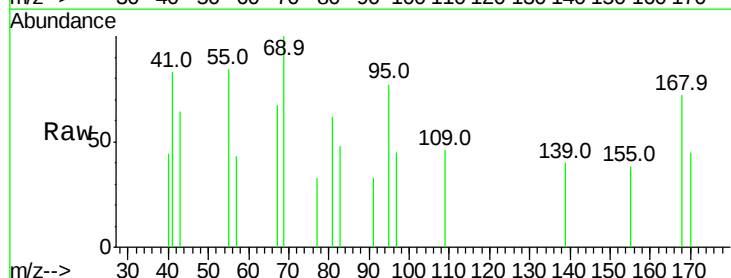
Tgt Ion:139 Resp: 195

Ion Ratio Lower Upper

139 100

109 115.2 54.1 94.1#

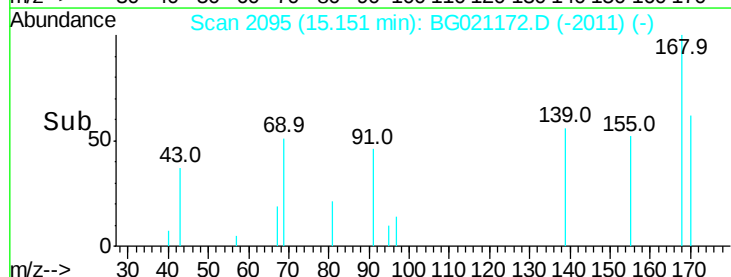
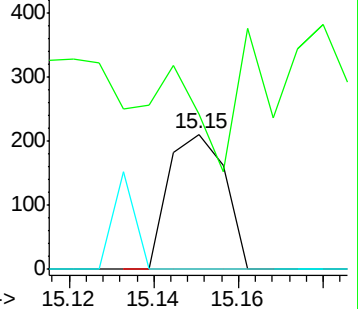
65 0.0 73.4 113.4#

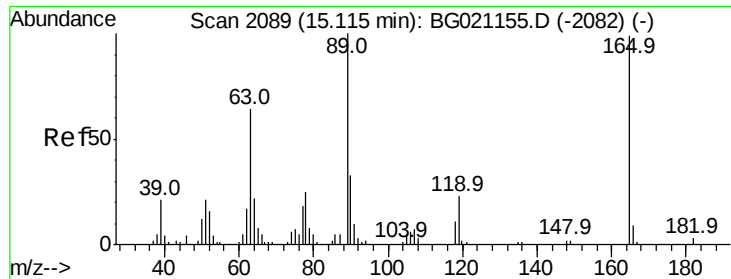


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

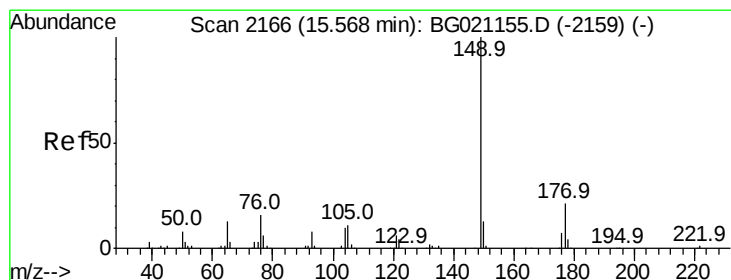
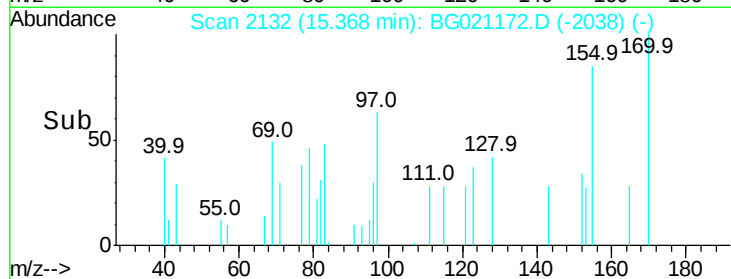
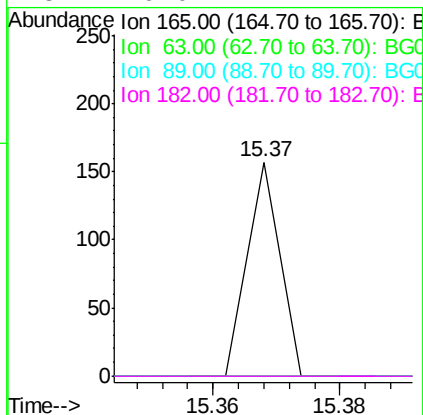
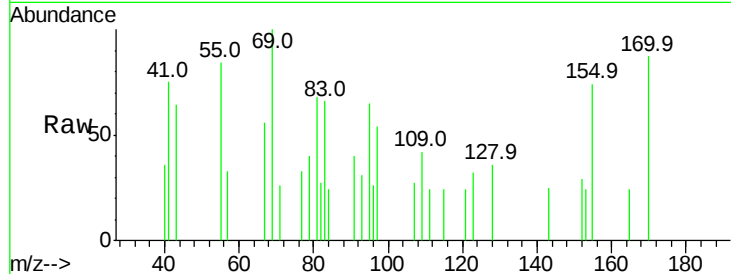




#56
2,4-Dinitrotoluene
Concen: 0.06 ng
RT: 15.37 min Scan# 2132
Delta R.T. 0.25 min
Lab File: BG021172.D
Acq: 1 Mar 2016 2:08

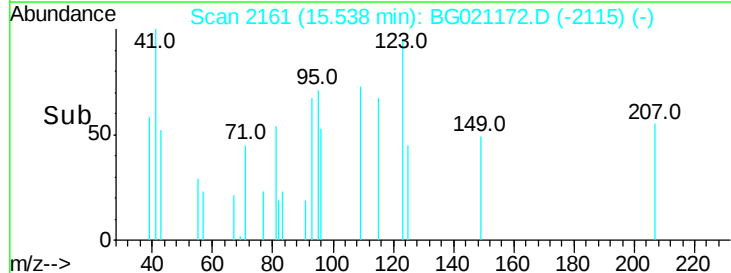
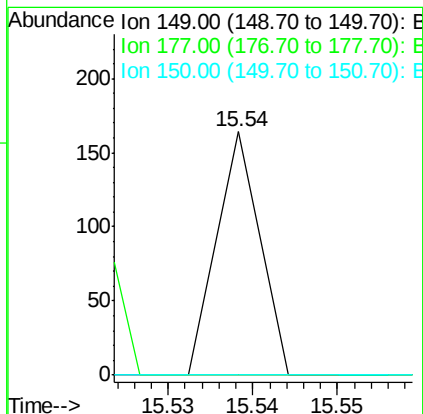
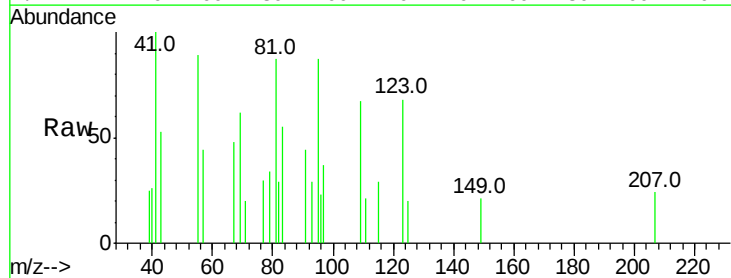
Instrument :
BNA_G
ClientSampleId :
P-10DL

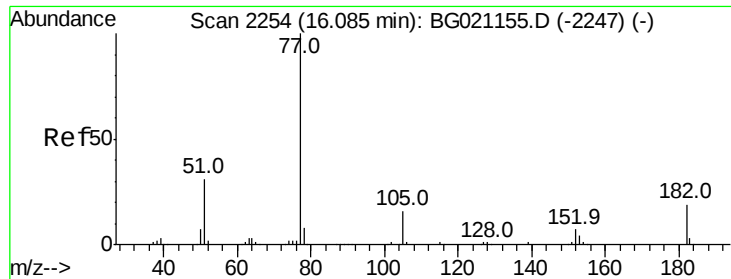
Tot Ion:165 Resp: 55
Ion Ratio Lower Upper
165 100
63 0.0 34.1 51.1#
89 0.0 63.0 94.4#
182 0.0 1.4 2.2#



#59
Diethylphthalate
Concen: 0.02 ng
RT: 15.54 min Scan# 2161
Delta R.T. -0.03 min
Lab File: BG021172.D
Acq: 1 Mar 2016 2:08

Tgt Ion:149 Resp: 58
Ion Ratio Lower Upper
149 100
177 0.0 15.8 23.8#
150 0.0 10.1 15.1#





#62

Azobenzene

Concen: 0.04 ng

RT: 16.08 min Scan# 2254

Delta R.T. 0.00 min

Lab File: BG021172.D

Acq: 1 Mar 2016 2:08

Instrument :

BNA_G

ClientSampled :

P-10DL

Tot Ion: 77 Resp: 120

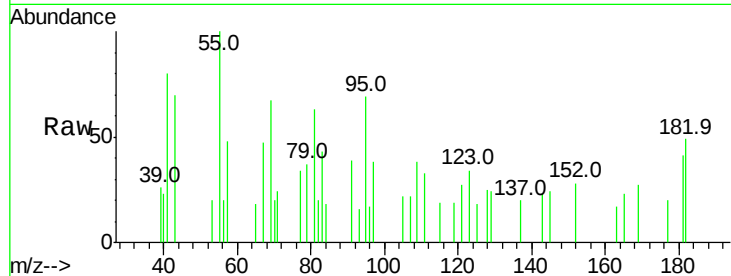
Ion Ratio Lower Upper

77 100

182 142.7 0.7 40.7#

105 65.3 0.0 38.3#

51 0.0 4.4 44.4#

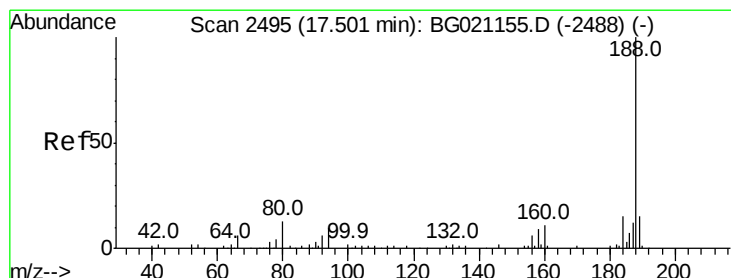
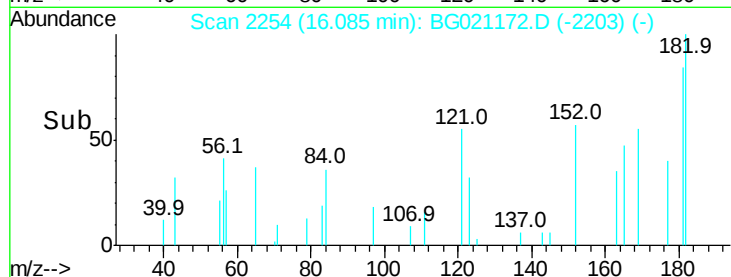
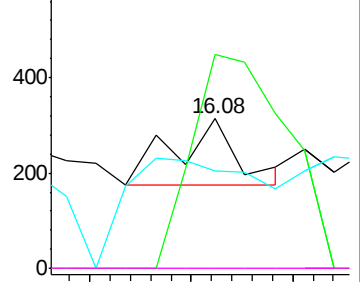


Abundance Ion 77.00 (76.70 to 77.70): BG0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BG021172.D

Acq: 1 Mar 2016 2:08

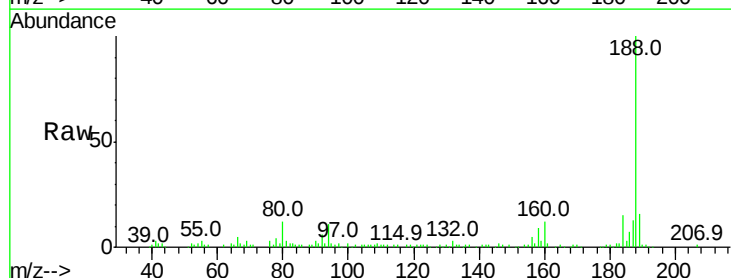
Tgt Ion: 188 Resp: 68566

Ion Ratio Lower Upper

188 100

94 10.8 8.2 12.4

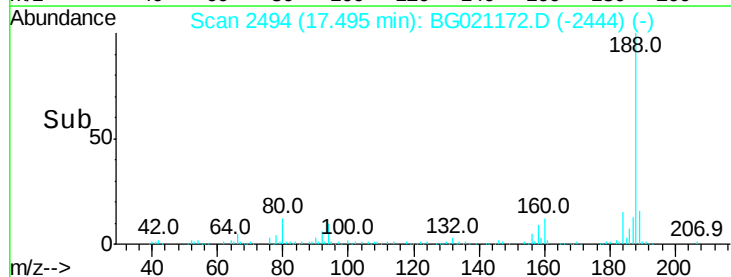
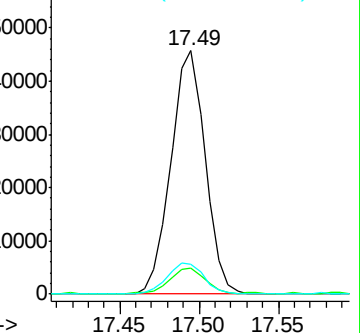
80 12.2 9.2 13.8

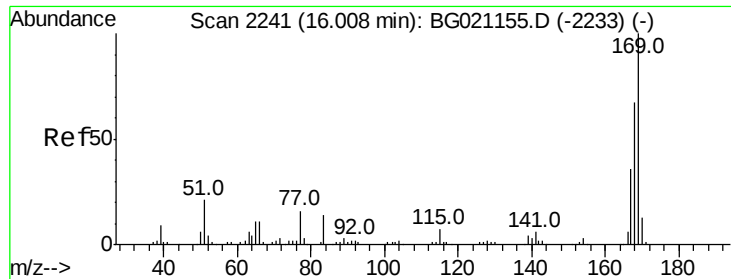


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

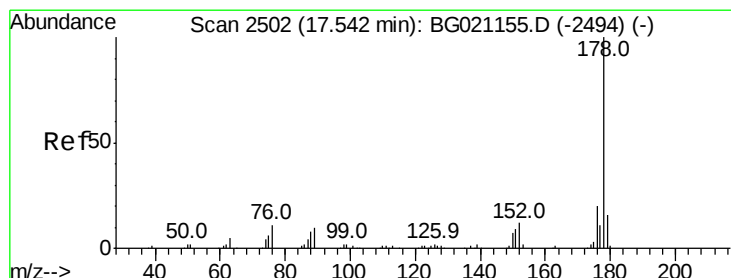
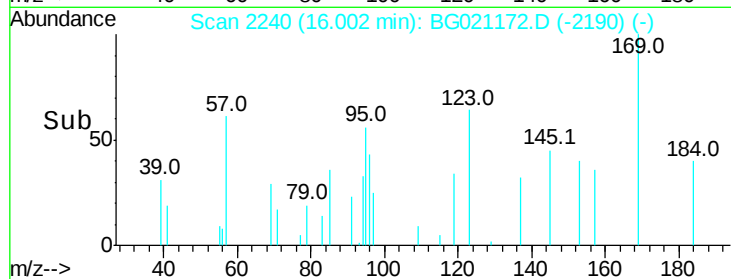
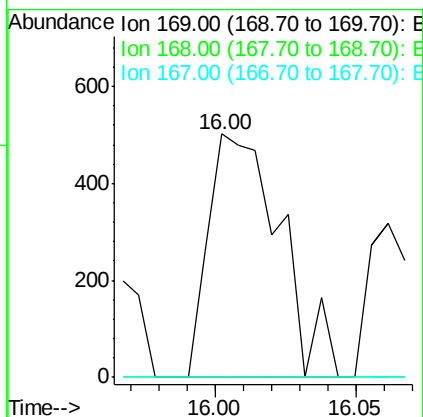
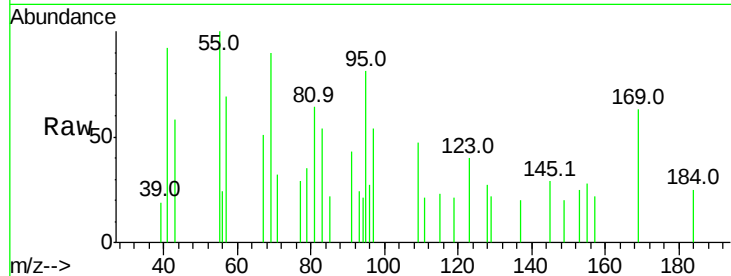




#65
 n-Nitrosodiphenylamine
 Concen: 0.42 ng
 RT: 16.00 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BG021172.D
 Acq: 1 Mar 2016 2:08

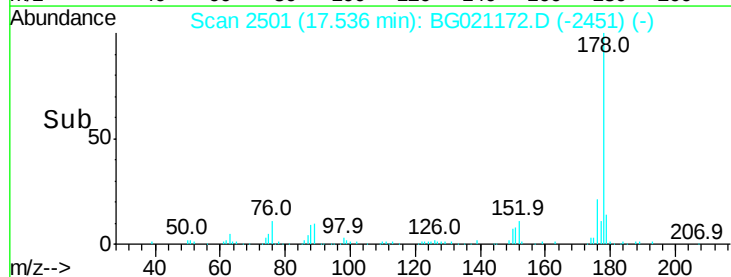
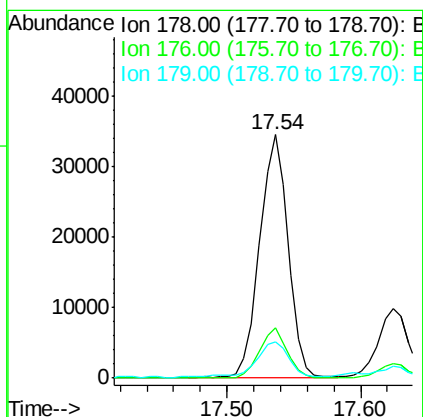
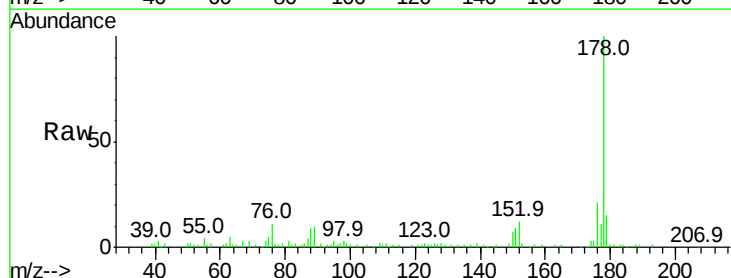
Instrument :
 BNA_G
 ClientSampleID :
 P-10DL

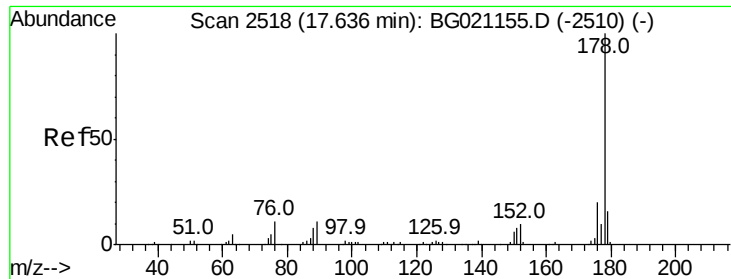
Tot Ion:169 Resp: 883
 Ion Ratio Lower Upper
 169 100
 168 0.0 58.2 87.2#
 167 0.0 31.0 46.6#



#70
 Phenanthrene
 Concen: 13.73 ng
 RT: 17.54 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BG021172.D
 Acq: 1 Mar 2016 2:08

Tgt Ion:178 Resp: 50814
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.2 24.4
 179 14.8 12.9 19.3





#71

Anthracene

Concen: 3.86 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG021172.D

Acq: 1 Mar 2016 2:08

Instrument :

BNA_G

ClientSampleId :

P-10DL

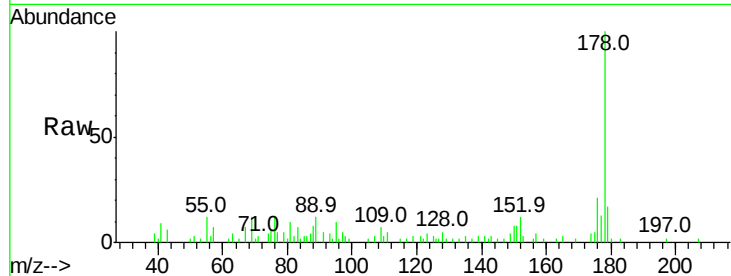
Tot Ion:178 Resp: 14612

Ion Ratio Lower Upper

178 100

176 21.1 14.8 22.2

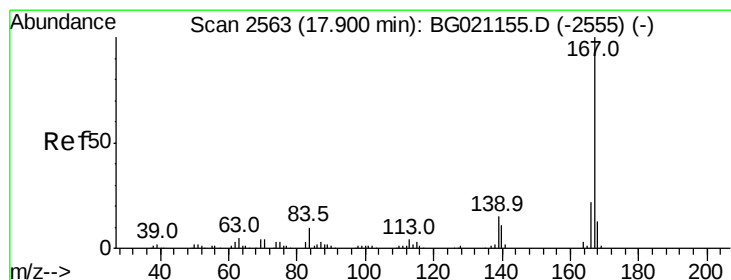
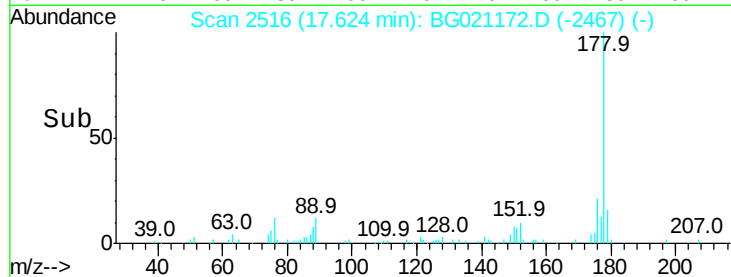
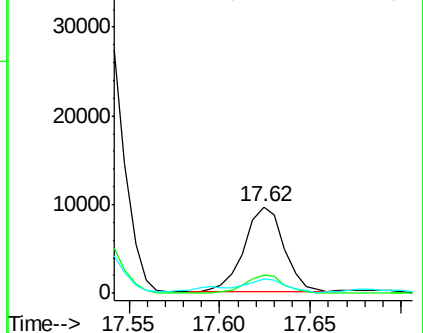
179 17.5 12.6 19.0



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: 0.76 ng

RT: 17.89 min Scan# 2561

Delta R.T. -0.01 min

Lab File: BG021172.D

Acq: 1 Mar 2016 2:08

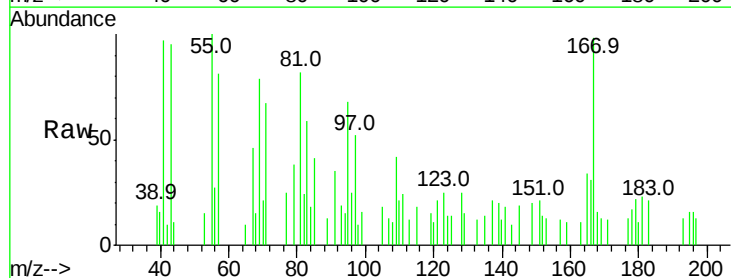
Tgt Ion:167 Resp: 2538

Ion Ratio Lower Upper

167 100

166 32.2 17.5 26.3#

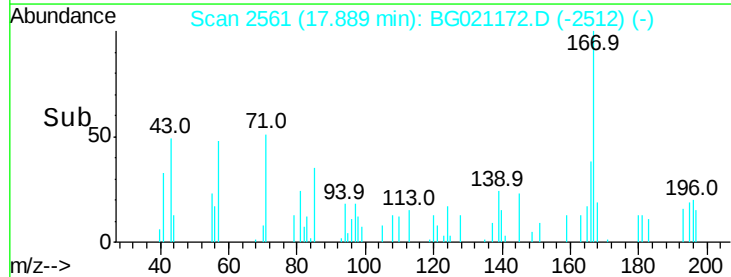
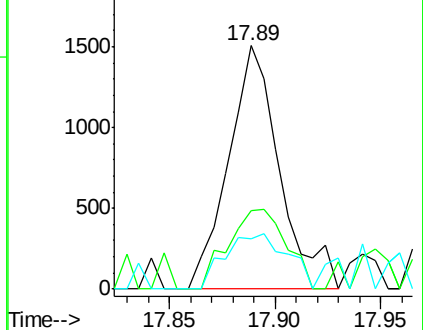
139 20.4 10.3 15.5#

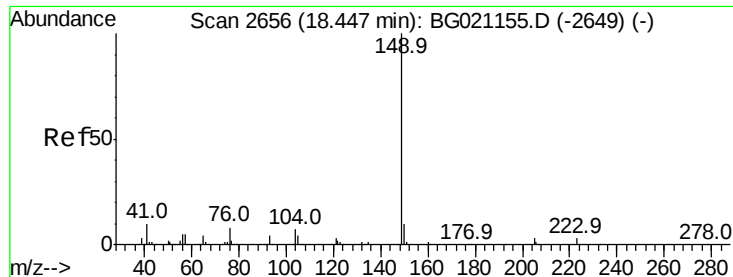


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.13 ng

RT: 18.44 min Scan# 2655

Delta R.T. -0.01 min

Lab File: BG021172.D

Acq: 1 Mar 2016 2:08

Instrument :

BNA_G

ClientSampled :

P-10DL

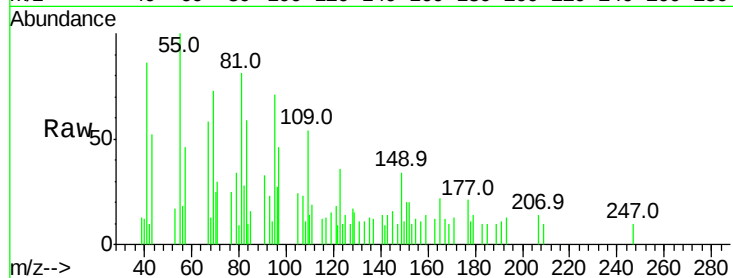
Tot Ion:149 Resp: 601

Ion Ratio Lower Upper

149 100

150 30.9 7.6 11.4#

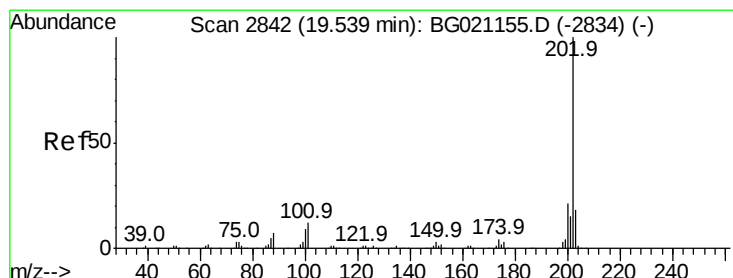
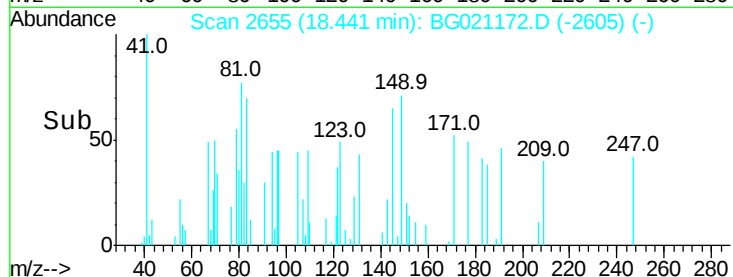
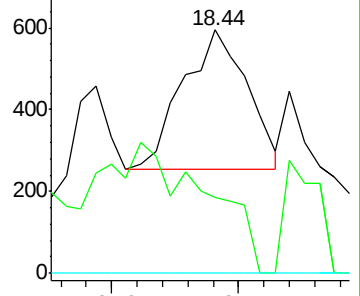
104 0.0 4.1 6.1#



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: 46.63 ng

RT: 19.53 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG021172.D

Acq: 1 Mar 2016 2:08

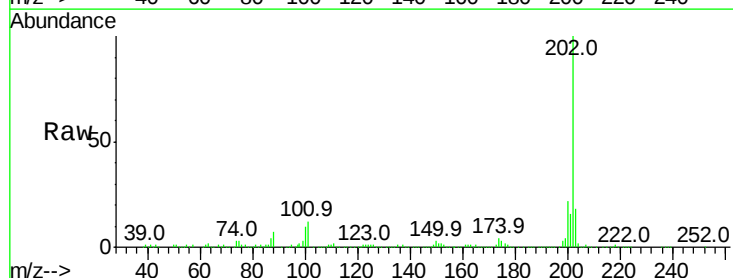
Tgt Ion:202 Resp: 202729

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.5

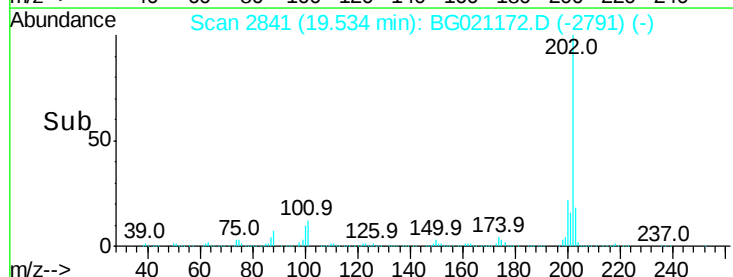
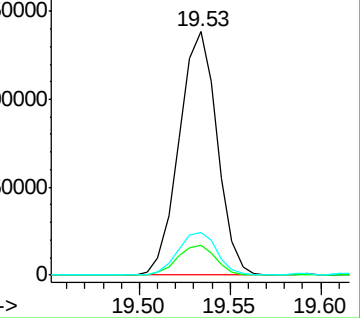
203 17.6 0.0 37.6

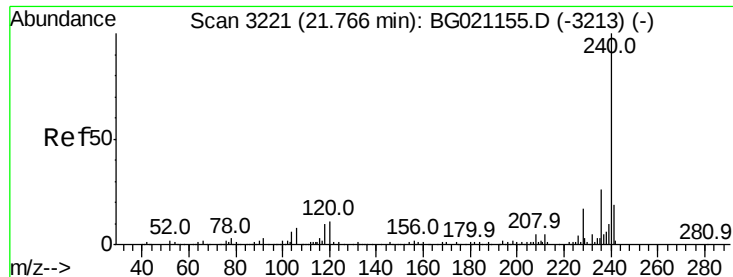


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG021172.D

Acq: 1 Mar 2016 2:08

Instrument :

BNA_G

ClientSampleId :

P-10DL

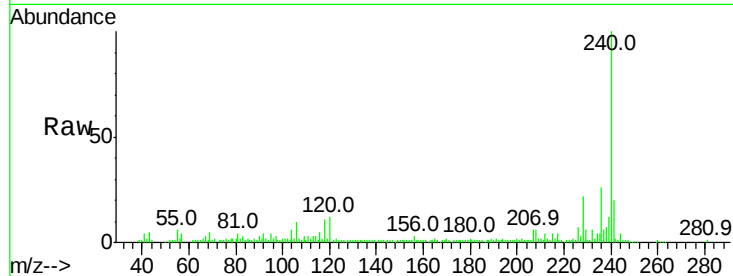
Tot Ion:240 Resp: 74500

Ion Ratio Lower Upper

240 100

120 11.6 7.5 11.3#

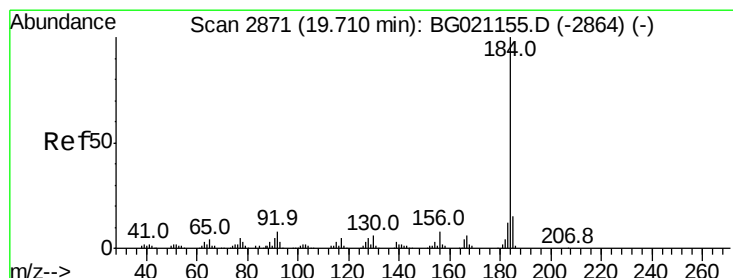
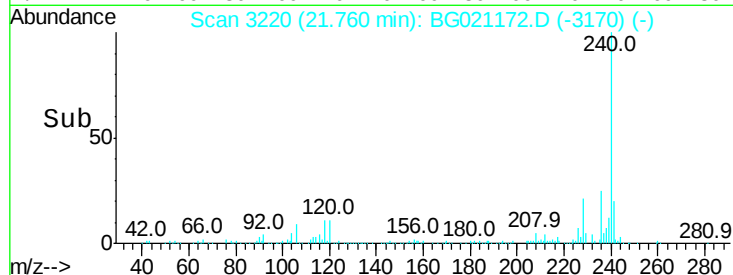
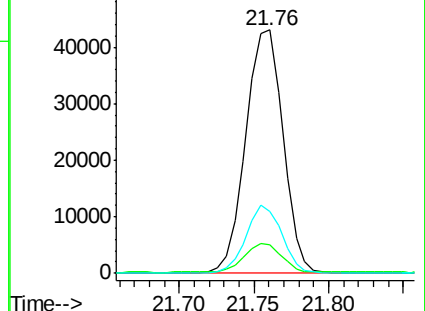
236 25.6 20.5 30.7



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



#76

Benzidine

Concen: 0.03 ng

RT: 19.70 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG021172.D

Acq: 1 Mar 2016 2:08

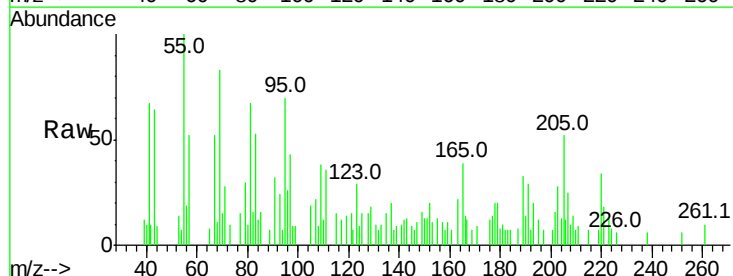
Tgt Ion:184 Resp: 62

Ion Ratio Lower Upper

184 100

185 0.0 11.5 17.3#

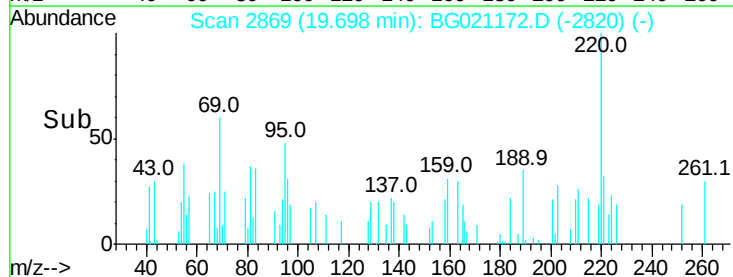
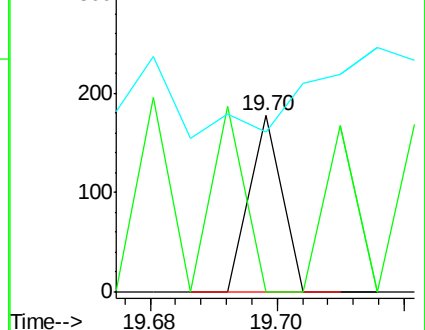
183 91.0 10.1 15.1#

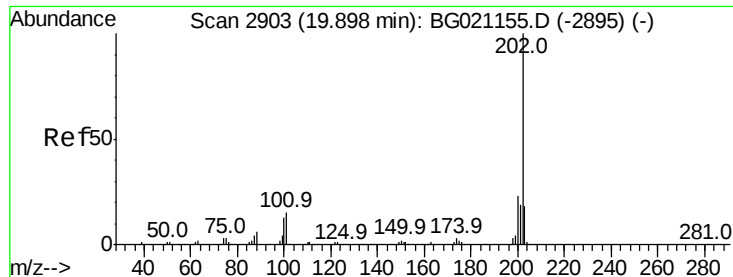


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

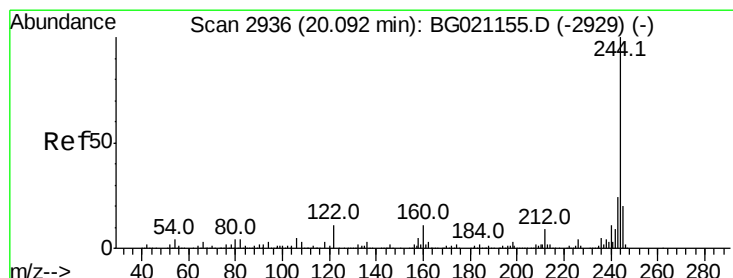
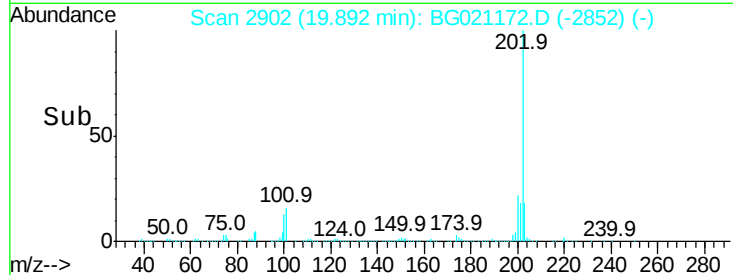
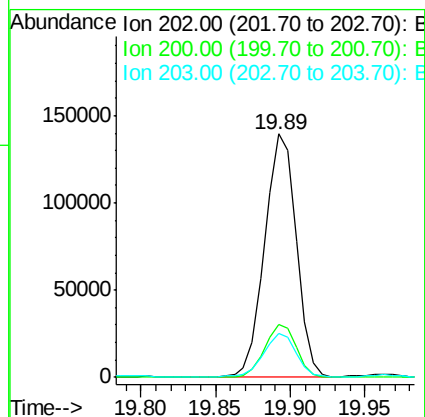
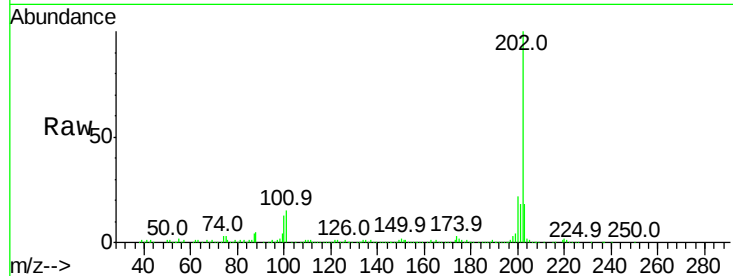




#77
Pvrene
Concen: 46.01 ng
RT: 19.89 min Scan# 2902
Delta R.T. -0.01 min
Lab File: BG021172.D
Acq: 1 Mar 2016 2:08

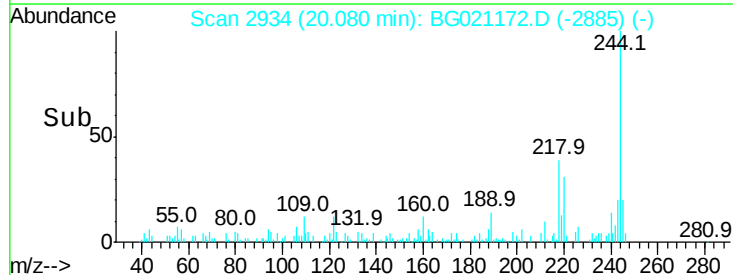
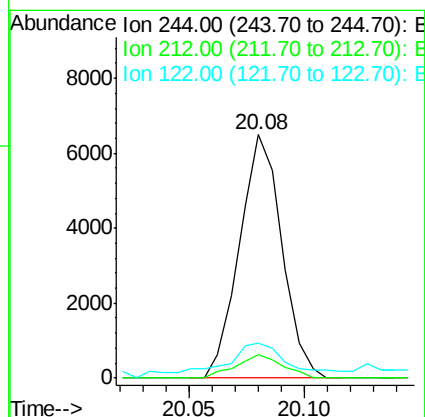
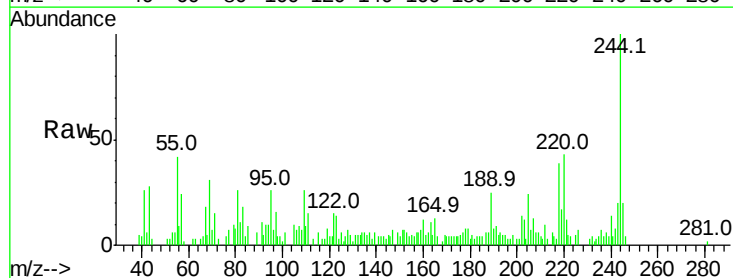
Instrument :
BNA_G
ClientSampleId :
P-10DL

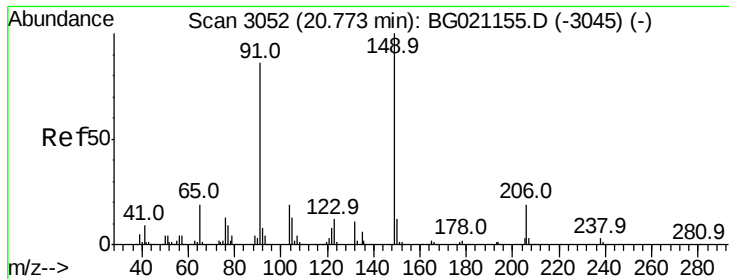
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.6	25.0
203	18.3	13.8	20.8



#78
Terphenyl-d14
Concen: 2.70 ng
RT: 20.08 min Scan# 2934
Delta R.T. -0.01 min
Lab File: BG021172.D
Acq: 1 Mar 2016 2:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.8	5.8	8.6#
122	14.5	8.3	12.5#

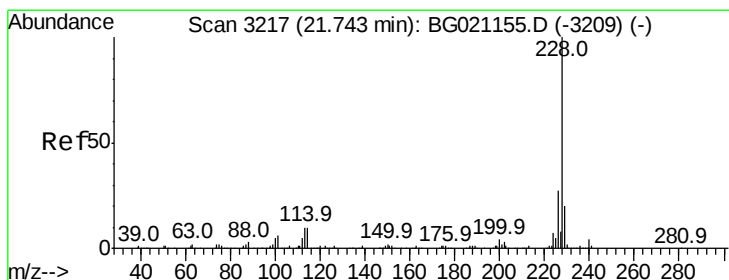
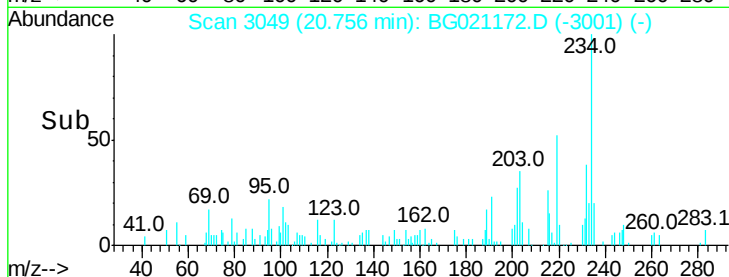
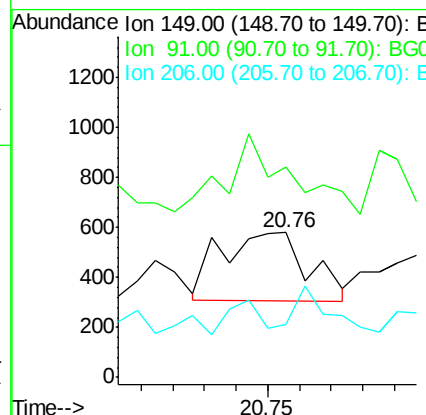
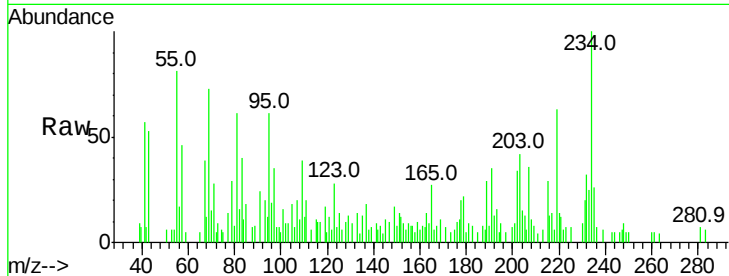




#79
 Butylbenzylphthalate
 Concen: 0.23 ng
 RT: 20.76 min Scan# 3049
 Delta R.T. -0.02 min
 Lab File: BG021172.D
 Acq: 1 Mar 2016 2:08

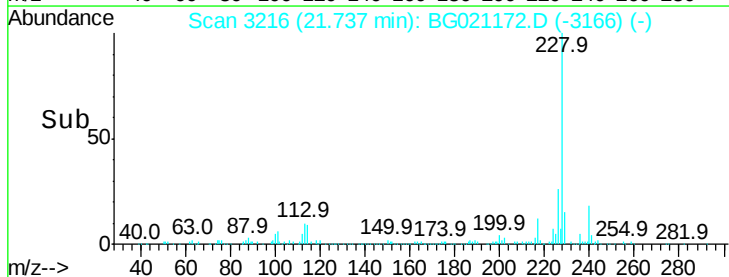
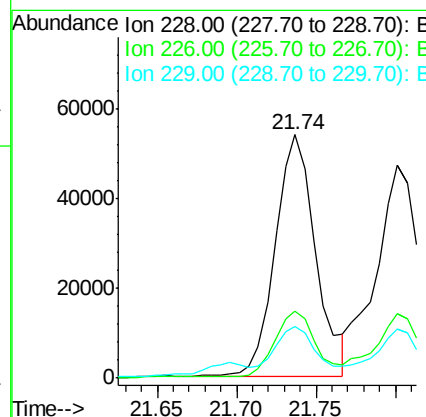
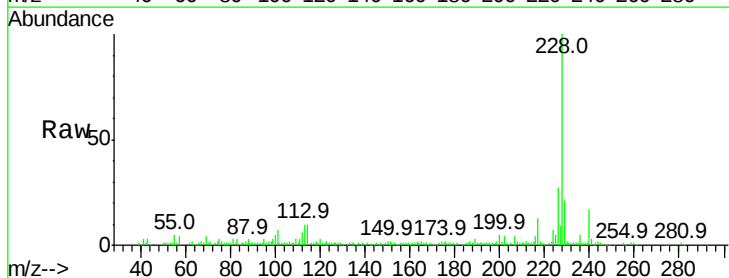
Instrument :
 BNA_G
 ClientSampleID :
 P-10DL

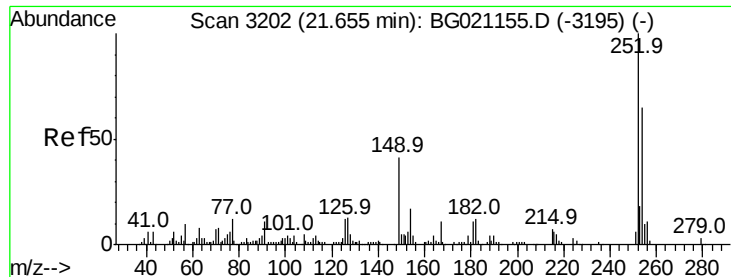
Tot Ion:149 Resp: 530
 Ion Ratio Lower Upper
 149 100
 91 144.8 58.6 87.8#
 206 36.4 14.2 21.4#



#80
 Benzo(a)anthracene
 Concen: 21.65 ng
 RT: 21.74 min Scan# 3216
 Delta R.T. -0.01 min
 Lab File: BG021172.D
 Acq: 1 Mar 2016 2:08

Tgt Ion:228 Resp: 95504
 Ion Ratio Lower Upper
 228 100
 226 27.4 22.7 34.1
 229 21.5 15.5 23.3





#81

3,3'-Dichlorobenzidine

Concen: 0.08 ng

RT: 21.51 min Scan# 3177

Delta R.T. -0.15 min

Lab File: BG021172.D

Acq: 1 Mar 2016 2:08

Instrument :

BNA_G

ClientSampleId :

P-10DL

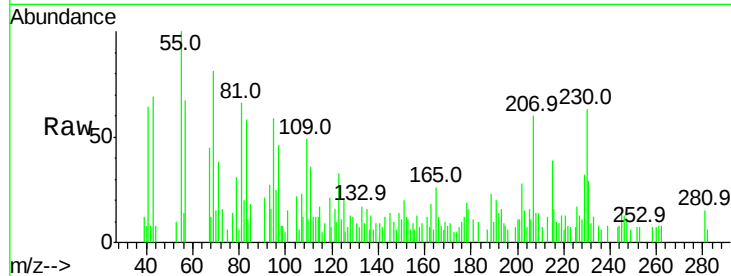
Tot Ion:252 Resp: 128

Ion Ratio Lower Upper

252 100

254 0.0 52.6 79.0#

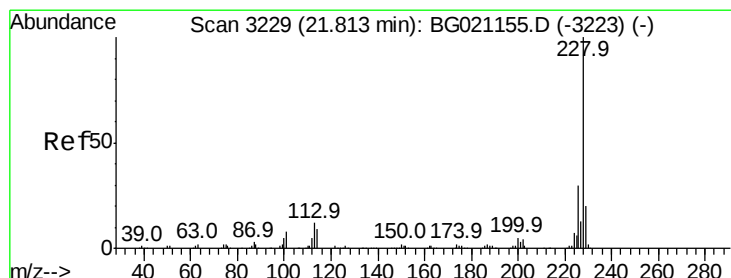
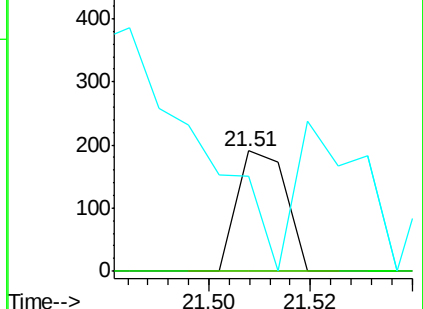
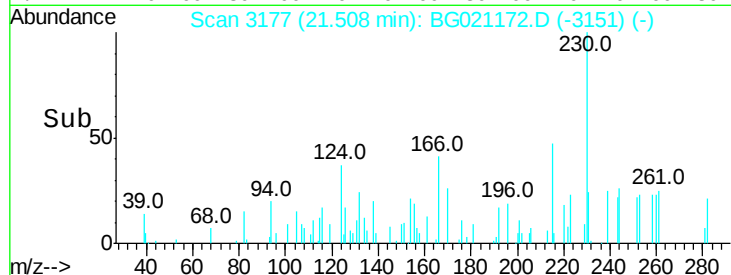
126 79.5 8.3 12.5#



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: 21.28 ng

RT: 21.80 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BG021172.D

Acq: 1 Mar 2016 2:08

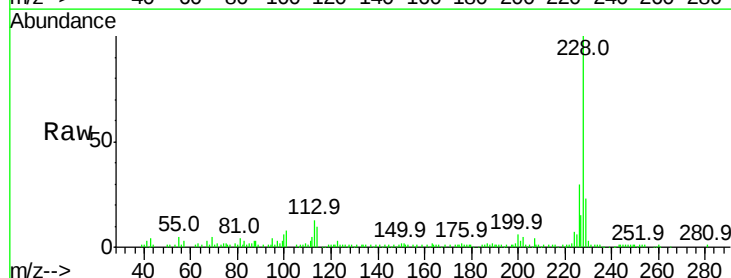
Tgt Ion:228 Resp: 88965

Ion Ratio Lower Upper

228 100

226 30.0 23.7 35.5

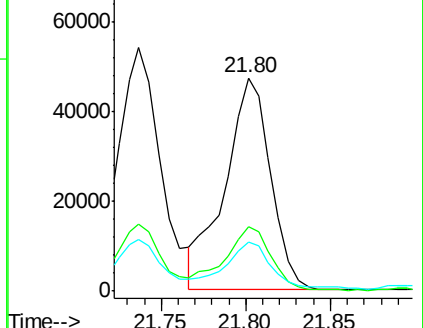
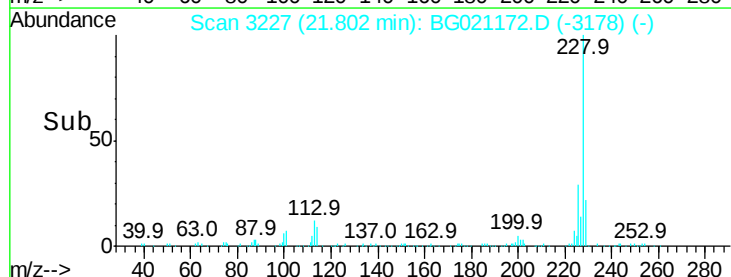
229 22.8 16.7 25.1

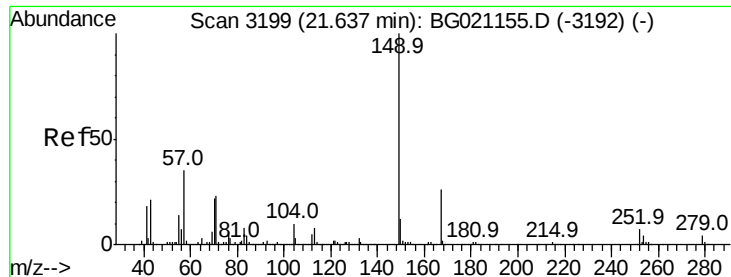


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.11 ng

RT: 21.64 min Scan# 3199

Delta R.T. 0.00 min

Lab File: BG021172.D

Acq: 1 Mar 2016 2:08

Instrument :

BNA_G

ClientSampled :

P-10DL

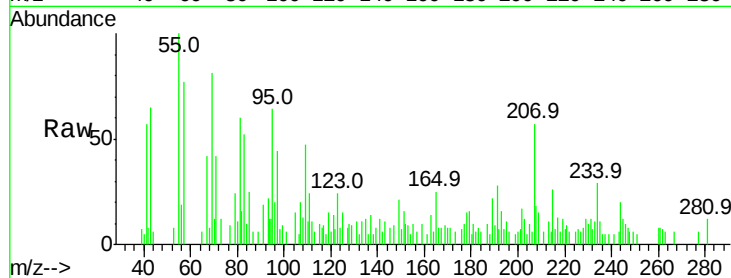
Tot Ion:149 Resp: 363

Ion Ratio Lower Upper

149 100

167 40.3 18.9 28.3#

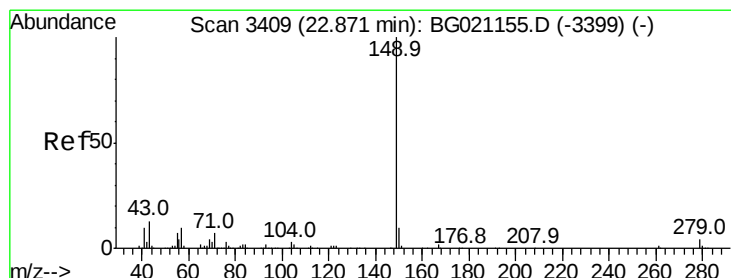
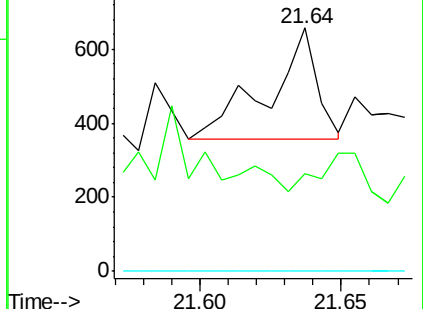
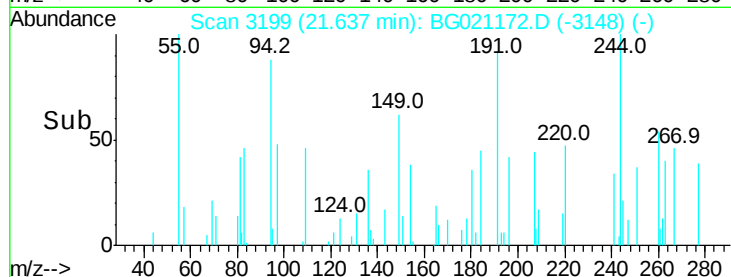
279 0.0 3.0 4.6#



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: 0.07 ng

RT: 22.87 min Scan# 3408

Delta R.T. -0.01 min

Lab File: BG021172.D

Acq: 1 Mar 2016 2:08

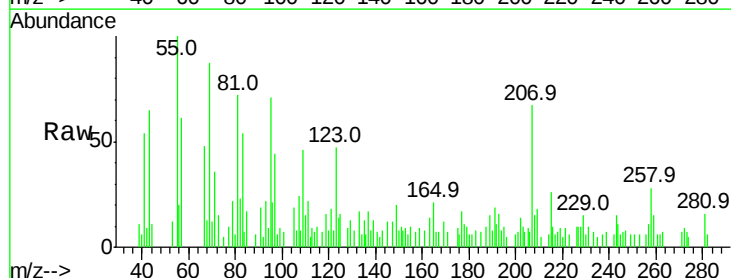
Tgt Ion:149 Resp: 391

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

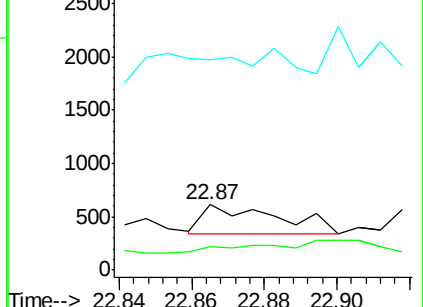
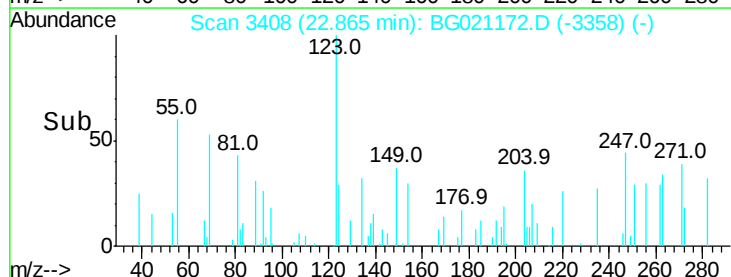
43 0.0 9.8 14.8#

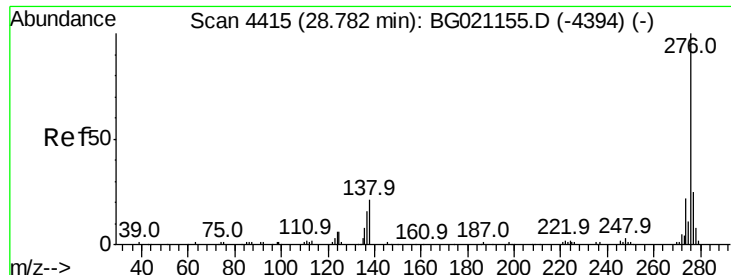


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

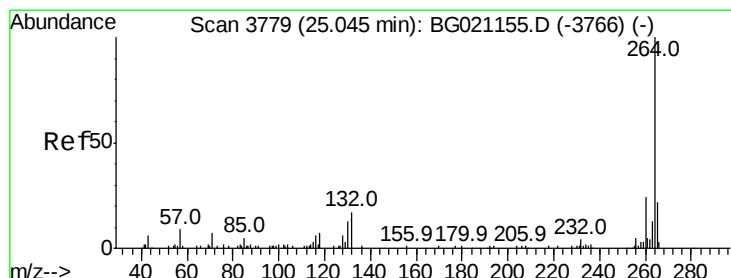
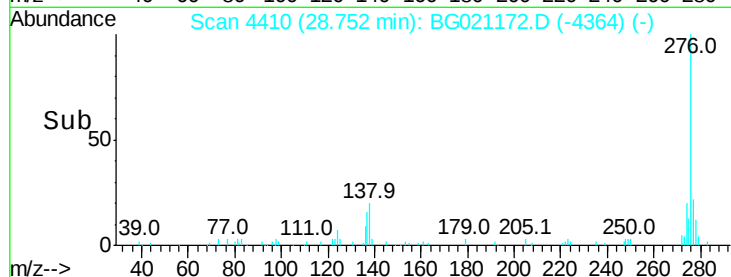
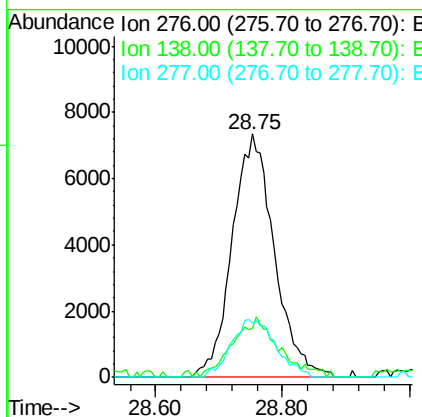
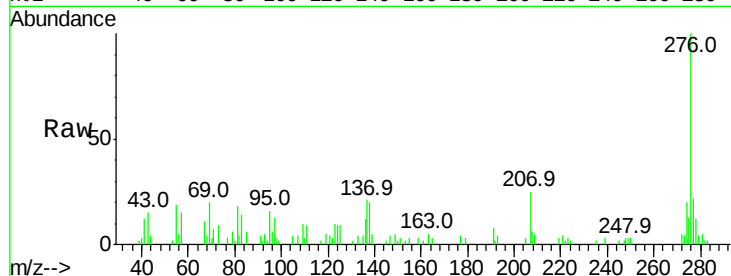




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 7.07 ng
 RT: 28.75 min Scan# 4410
 Delta R.T. -0.03 min
 Lab File: BG021172.D
 Acq: 1 Mar 2016 2:08

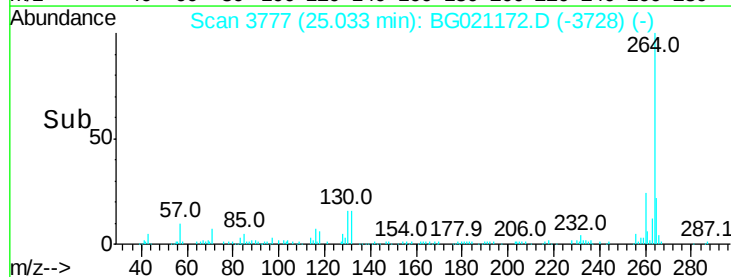
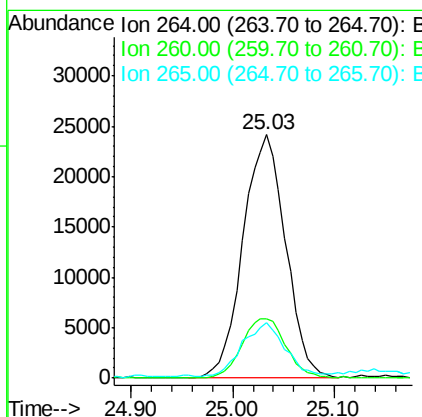
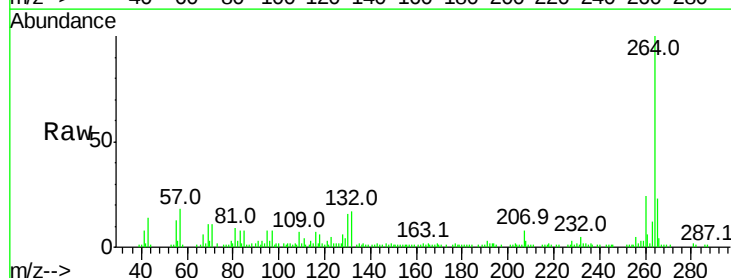
Instrument :
 BNA_G
 ClientSampleId :
 P-10DL

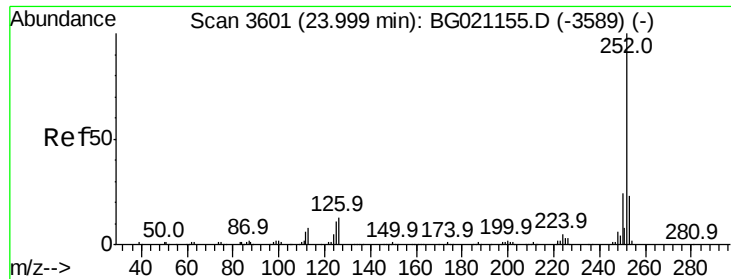
Tot Ion:276 Resp: 33868
 Ion Ratio Lower Upper
 276 100
 138 27.2 0.0 0.0#
 277 25.3 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3777
 Delta R.T. -0.01 min
 Lab File: BG021172.D
 Acq: 1 Mar 2016 2:08

Tgt Ion:264 Resp: 70171
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.5 27.7
 265 22.6 18.6 28.0





#87

Benzo(b)fluoranthene

Concen: 25.20 ng

RT: 23.99 min Scan# 3599

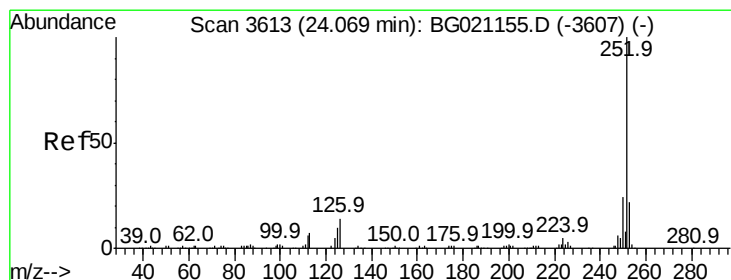
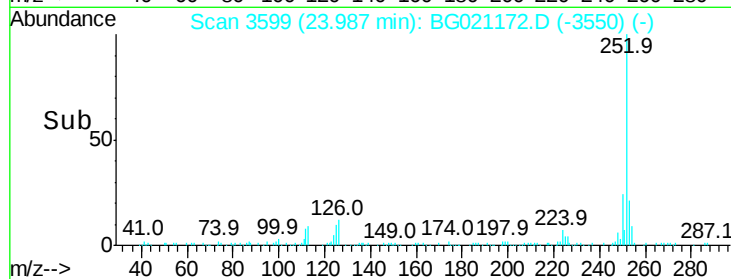
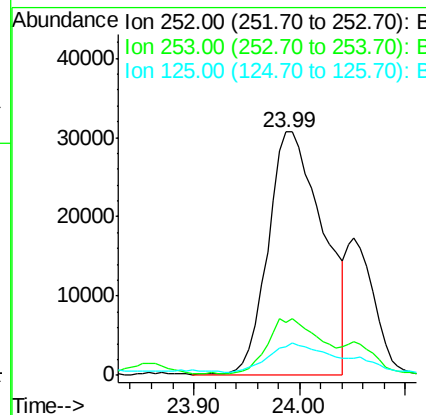
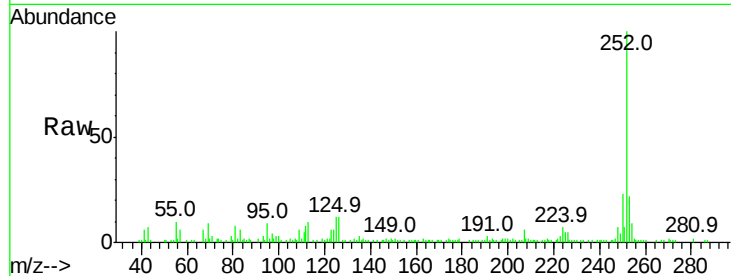
Delta R.T. -0.01 min

Lab File: BG021172.D

Acq: 1 Mar 2016 2:08

Instrument :
BNA_G
ClientSampleId :
P-10DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.8	25.2
125	11.9	8.2	12.2



#88

Benzo(k)fluoranthene

Concen: 25.16 ng

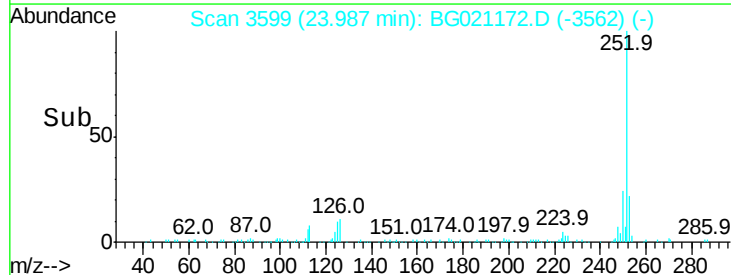
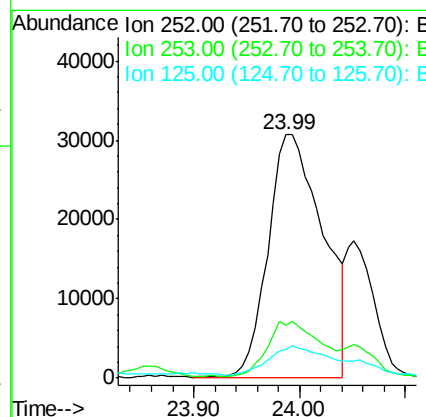
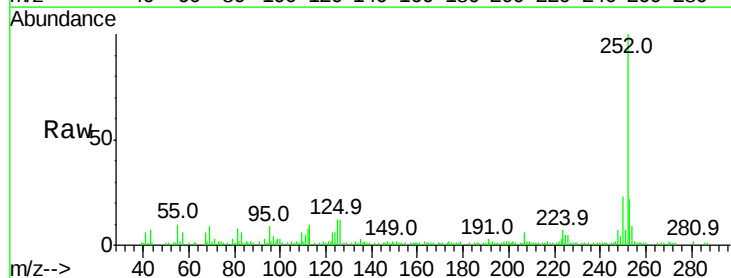
RT: 23.99 min Scan# 3599

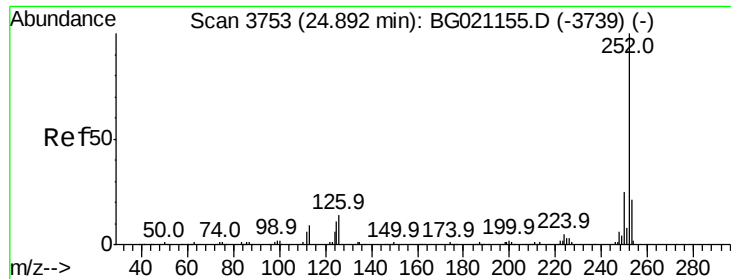
Delta R.T. -0.08 min

Lab File: BG021172.D

Acq: 1 Mar 2016 2:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.4	24.6
125	11.9	8.2	12.2





#89

Benzo(a)pyrene

Concen: 13.05 ng

RT: 24.87 min Scan# 3750

Delta R.T. -0.02 min

Lab File: BG021172.D

Acq: 1 Mar 2016 2:08

Instrument :

BNA_G

ClientSampleId :

P-10DL

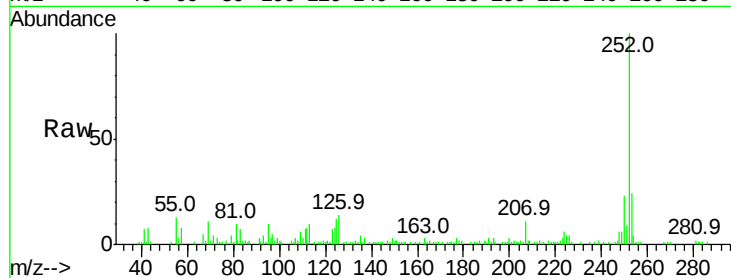
Tot Ion:252 Resp: 55705

Ion Ratio Lower Upper

252 100

253 23.9 15.8 23.8#

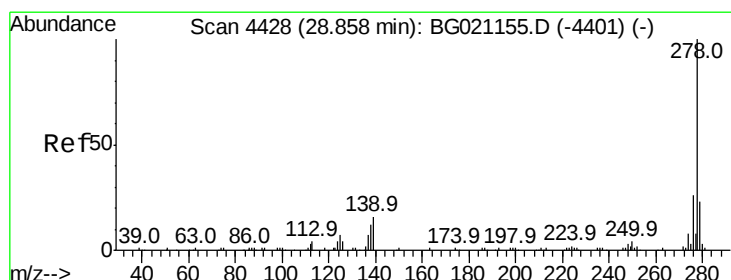
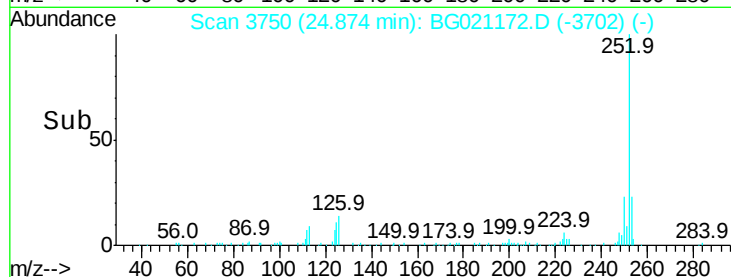
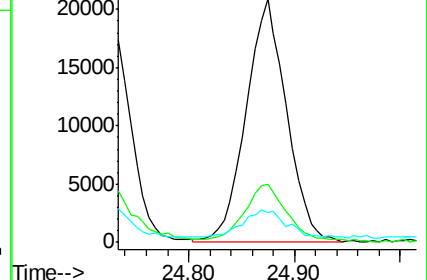
125 12.4 8.4 12.6



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: 2.59 ng

RT: 28.79 min Scan# 4417

Delta R.T. -0.06 min

Lab File: BG021172.D

Acq: 1 Mar 2016 2:08

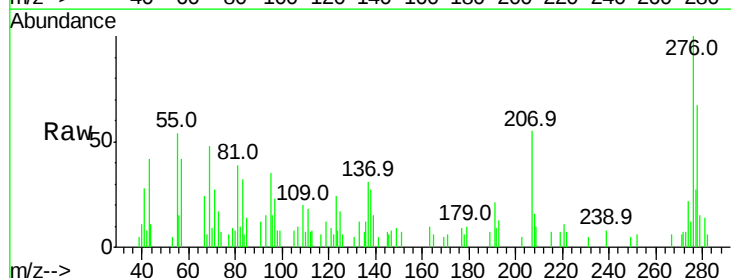
Tgt Ion:278 Resp: 10947

Ion Ratio Lower Upper

278 100

139 21.8 10.6 15.8#

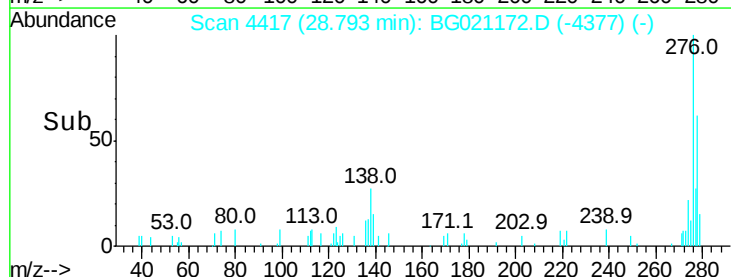
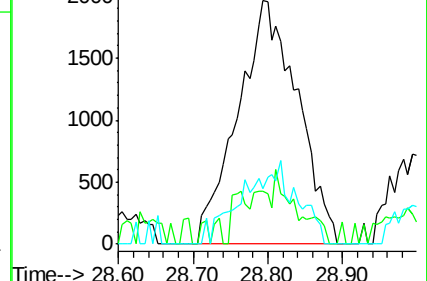
279 22.9 19.7 29.5

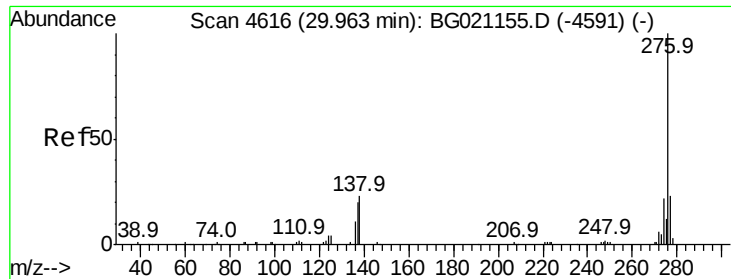


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 7.36 ng

RT: 29.92 min Scan# 4609

Delta R.T. -0.04 min

Lab File: BG021172.D

Acq: 1 Mar 2016 2:08

Instrument :

BNA_G

ClientSampleId :

P-10DL

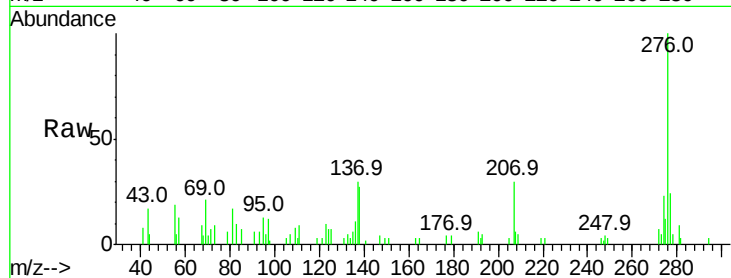
Tot Ion:276 Resp: 30016

Ion Ratio Lower Upper

276 100

277 23.8 16.6 25.0

138 27.1 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

