

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
 Data File : BG027426.D
 Acq On : 14 Jun 2017 20:47
 Operator : SJ/MA
 Sample : I3635-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 15 04:43:06 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	40414	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	182998	20.00	ng	0.00
38) Acenaphthene-d10	15.11	164	123572	20.00	ng	0.00
63) Phenanthrene-d10	17.86	188	361764	20.00	ng	0.00
75) Chrysene-d12	22.24	240	415890	20.00	ng	0.00
86) Perylene-d12	25.89	264	408682	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	108371	37.90	ng	0.00
7) Phenol-d6	7.66	99	140597	31.99	ng	0.00
23) Nitrobenzene-d5	9.69	82	94442	26.31	ng	0.00
41) 2,4,6-Tribromophenol	16.59	330	81412	43.90	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	218904	25.59	ng	0.00
78) Terphenyl-d14	20.43	244	487247	30.03	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	4.13	88	66	0.06	ng	# 73
3) Pyridine	4.54	79	422	0.12	ng	# 32
4) n-Nitrosodimethylamine	4.41	42	111	0.07	ng	# 1
6) Aniline	7.86	93	1549	0.30	ng	# 72
9) Benzaldehyde	7.67	77	53	0.02	ng	# 10
10) Phenol	7.69	94	295	0.07	ng	# 49
11) bis(2-Chloroethyl)ether	7.86	93	1549	0.43	ng	# 11
15) Benzyl Alcohol	8.77	79	54	0.02	ng	# 19
16) 2,2'-oxybis(1-Chloropropan	9.03	45	314	0.05	ng	# 74
24) Nitrobenzene	9.69	77	53	0.01	ng	# 49
27) 2,4-Dimethylphenol	10.51	122	84	0.03	ng	# 1
31) Naphthalene	11.40	128	502	0.05	ng	# 67
32) Benzoic acid	10.61	122	71	8.69	ng	# 1
33) 4-Chloroaniline	11.51	127	729	0.17	ng	# 69
37) 2-Methylnaphthalene	12.96	142	54	0.01	ng	# 14
45) 1,1'-Biphenyl	13.95	154	239	0.02	ng	# 41
49) Dimethylphthalate	14.55	163	1817	0.18	ng	# 78
51) Acenaphthene	15.10	154	377	0.04	ng	# 6
59) Diethylphthalate	15.89	149	112	0.01	ng	# 56
62) Azobenzene	16.59	77	539	0.05	ng	# 40
65) n-Nitrosodiphenylamine	16.59	169	2780	0.25	ng	# 37
69) Pentachlorophenol	17.51	266	394	0.14	ng	# 20
73) Di-n-butylphthalate	18.79	149	2503	0.12	ng	# 73
74) Fluoranthene	19.90	202	54	0.00	ng	# 61
76) Benzidine	20.06	184	166501	18.26	ng	# 96
77) Pyrene	20.43	202	1690	0.07	ng	# 62
79) Butylbenzylphthalate	21.13	149	285	0.03	ng	# 79
80) Benzo(a)anthracene	22.23	228	1498	0.06	ng	# 65
81) 3,3'-Dichlorobenzidine	22.11	252	1129	0.12	ng	# 88
82) Chrysene	22.23	228	1498	0.07	ng	# 63
83) Bis(2-ethylhexyl)phthalate	22.06	149	1542	0.11	ng	# 51
84) Di-n-octyl phthalate	23.45	149	349	0.02	ng	# 1
87) Benzo(b)fluoranthene	24.70	252	124	0.00	ng	# 58
88) Benzo(k)fluoranthene	24.79	252	58	0.00	ng	# 56

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Instrument :
BNA_G
ClientSampleId :

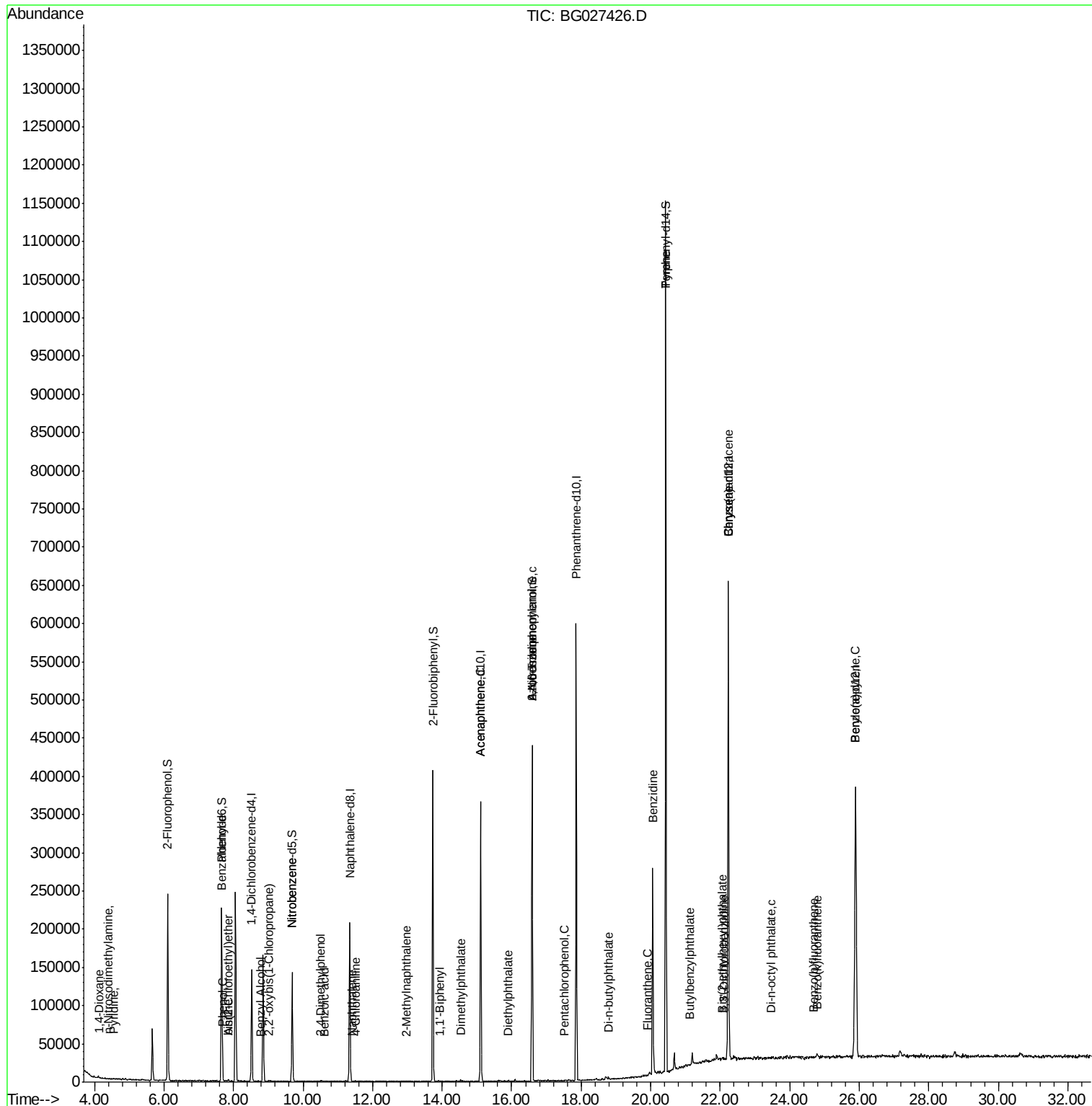
Quant Time: Jun 15 04:43:06 2017
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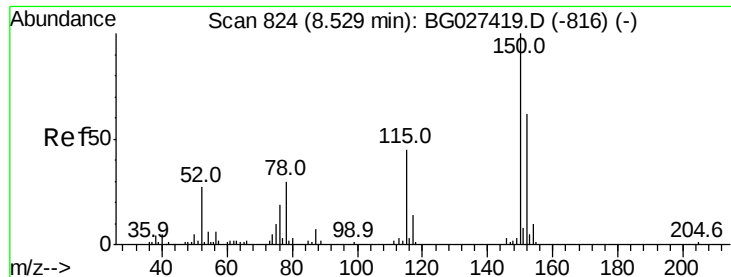
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(a)pyrene	25.90	252	1470	0.06	ng	# 57

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

```
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Acq On    : 14 Jun 2017   20:47  
Operator  : SJ/MA  
Sample    : I3635-03  
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.53 min Scan# 824

Delta R.T. 0.00 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

Instrument :

BNA_G

ClientSampleId :

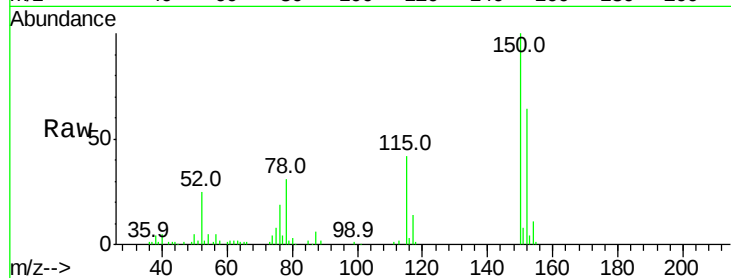
Tot Ion:152 Resp: 40414

Ion Ratio Lower Upper

152 100

150 156.6 114.0 171.0

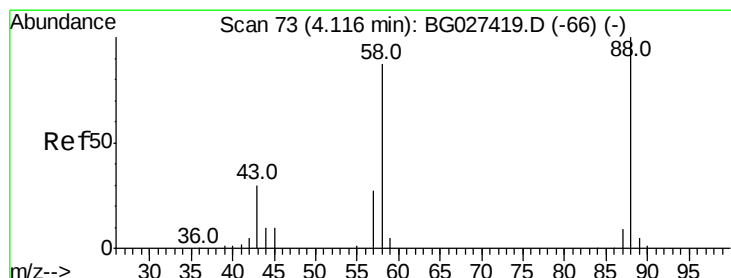
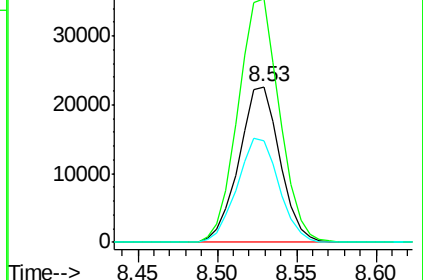
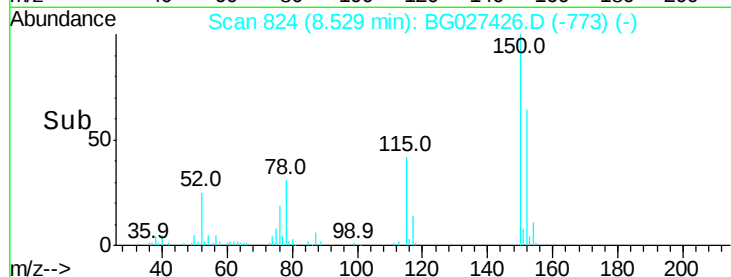
115 65.1 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.06 ng

RT: 4.13 min Scan# 76

Delta R.T. 0.02 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

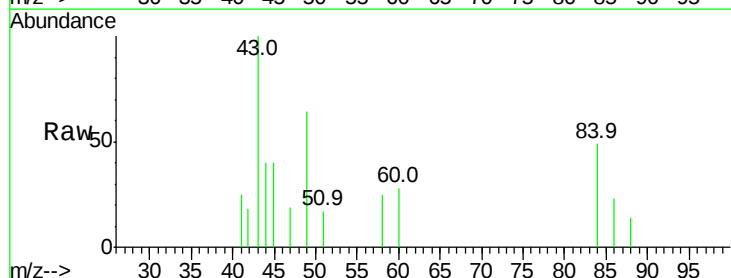
Tgt Ion: 88 Resp: 66

Ion Ratio Lower Upper

88 100

58 89.4 79.4 119.2

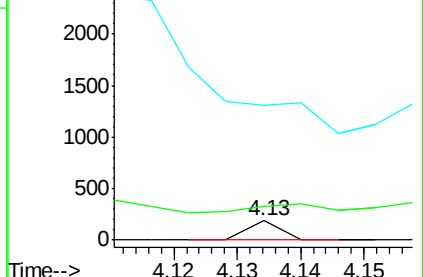
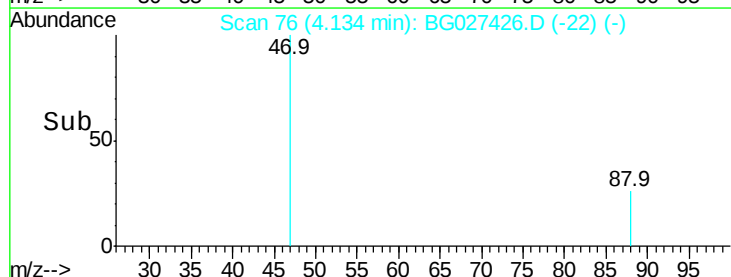
43 0.0 33.8 50.6#

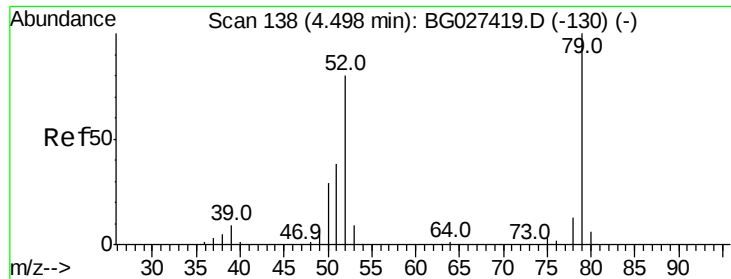


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.12 ng

RT: 4.54 min Scan# 145

Delta R.T. 0.04 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

Instrument :

BNA_G

ClientSampleId :

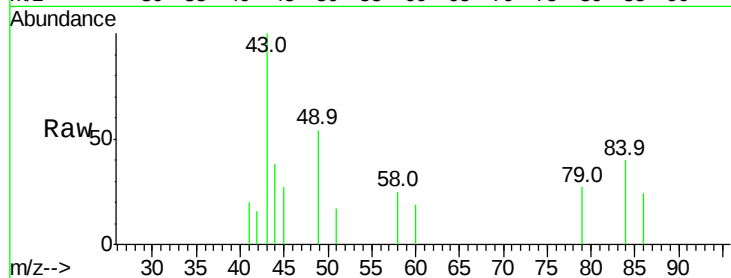
Tot Ion: 79 Resp: 422

Ion Ratio Lower Upper

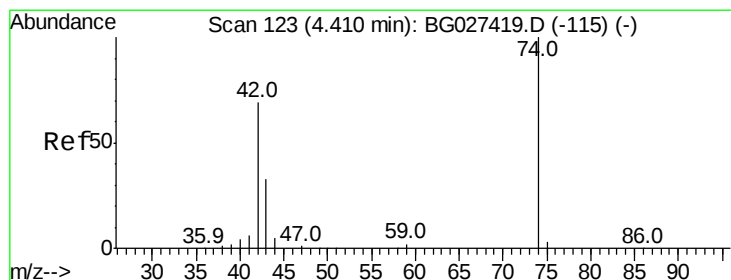
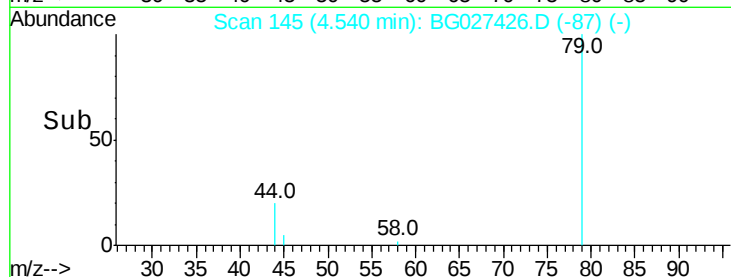
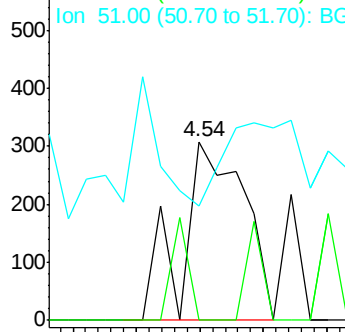
79 100

52 0.0 77.8 116.6#

51 63.6 43.2 64.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.07 ng

RT: 4.41 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

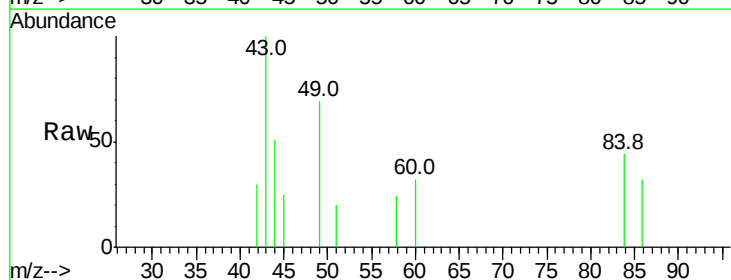
Tgt Ion: 42 Resp: 111

Ion Ratio Lower Upper

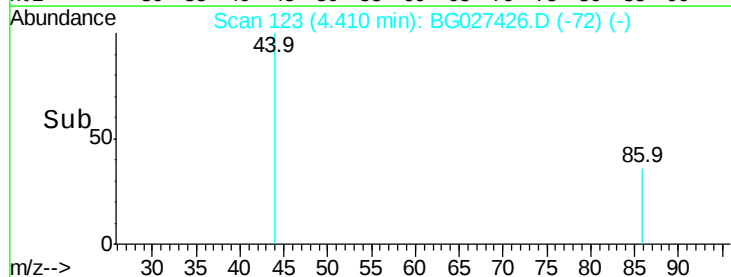
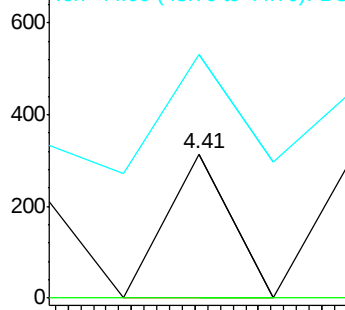
42 100

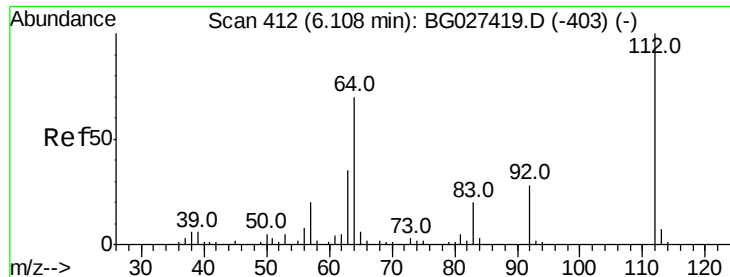
74 0.0 76.7 115.1#

44 169.1 6.1 9.1#



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





#5

2-Fluorophenol

Concen: 37.90 ng

RT: 6.11 min Scan# 412

Delta R.T. 0.00 min

Lab File: BG027426.D

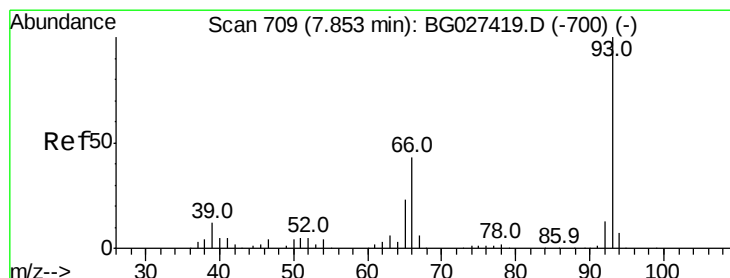
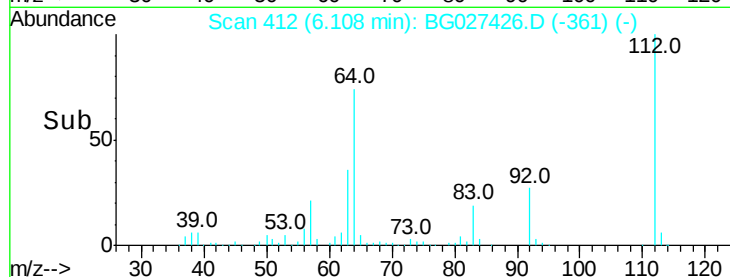
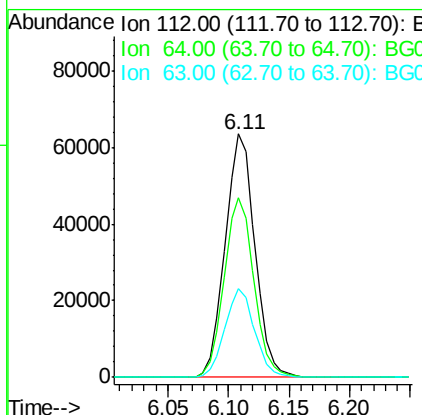
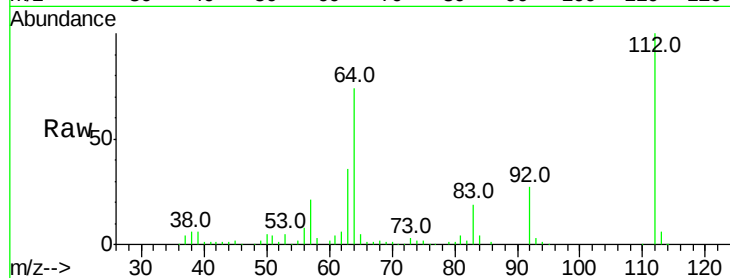
Acq: 14 Jun 2017 20:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	108371
Ion Ratio	Lower	Upper	
112	100		
64	73.6	61.8	92.6
63	36.3	37.2	55.8#



#6

Aniline

Concen: 0.30 ng

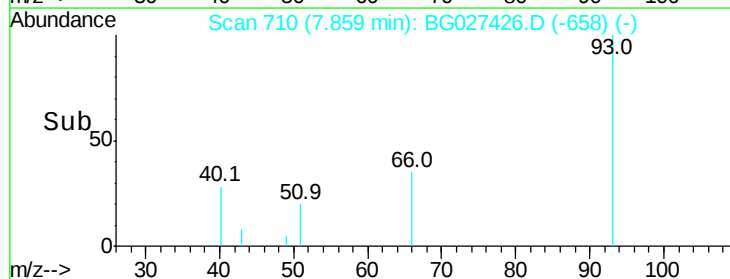
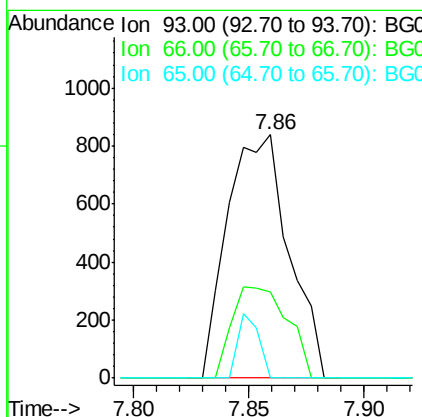
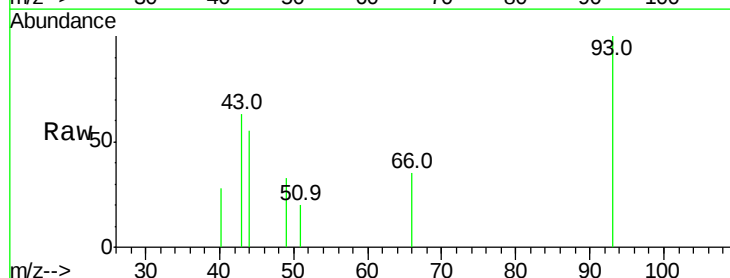
RT: 7.86 min Scan# 710

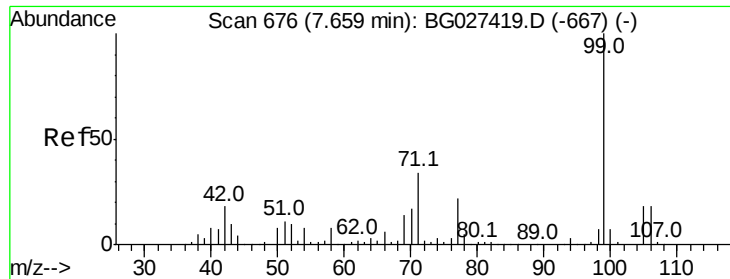
Delta R.T. 0.01 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

Tgt Ion:	93	Resp:	1549
Ion Ratio	Lower	Upper	
93	100		
66	35.2	35.4	53.2#
65	0.0	21.2	31.8#





#7

Phenol-d6

Concen: 31.99 ng

RT: 7.66 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

Instrument :

BNA_G

ClientSampled :

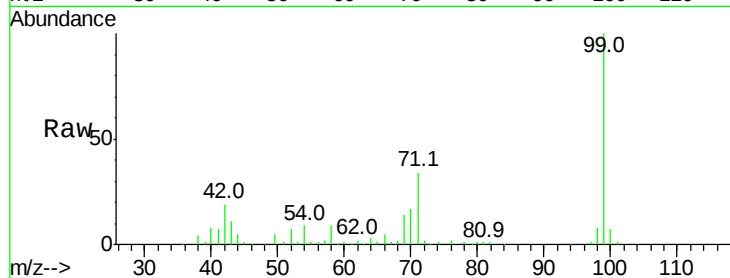
Tot Ion: 99 Resp: 140597

Ion Ratio Lower Upper

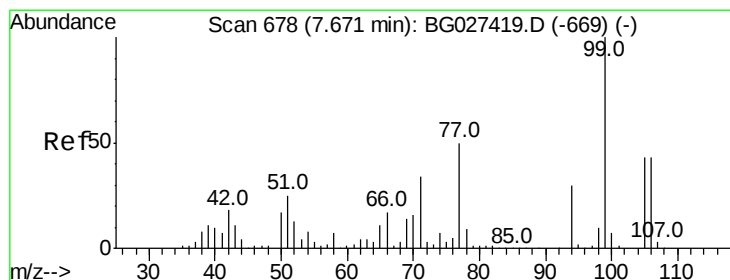
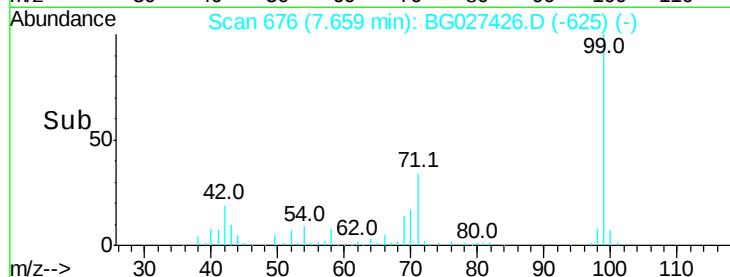
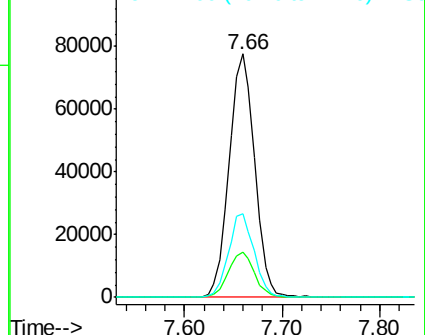
99 100

42 18.7 20.5 30.7#

71 34.1 37.6 56.4#



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: 0.02 ng

RT: 7.67 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

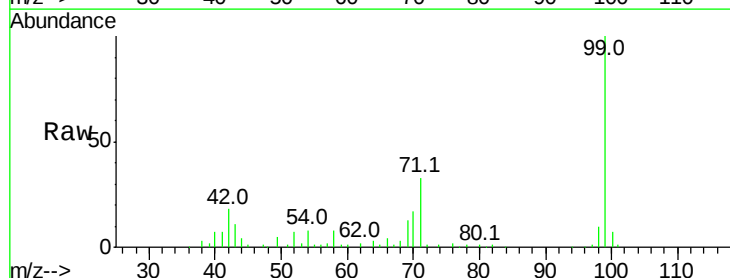
Tgt Ion: 77 Resp: 53

Ion Ratio Lower Upper

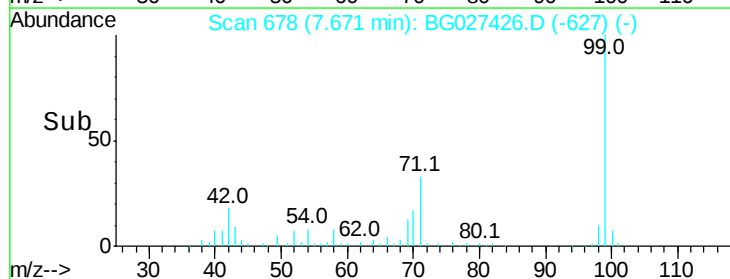
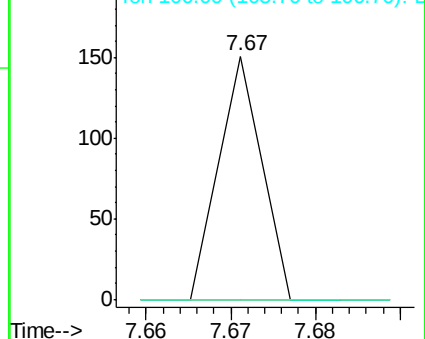
77 100

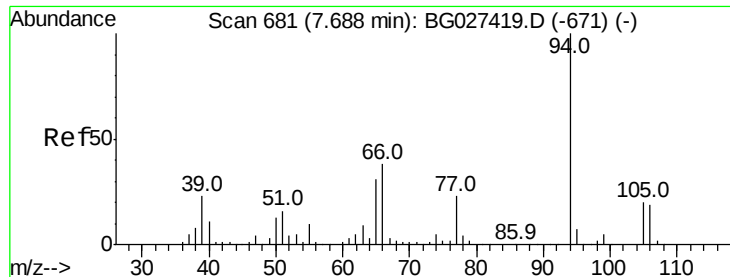
105 0.0 60.9 100.9#

106 0.0 55.1 95.1#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 0.07 ng

RT: 7.69 min Scan# 682

Delta R.T. 0.01 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

Instrument :

BNA_G

ClientSampleId :

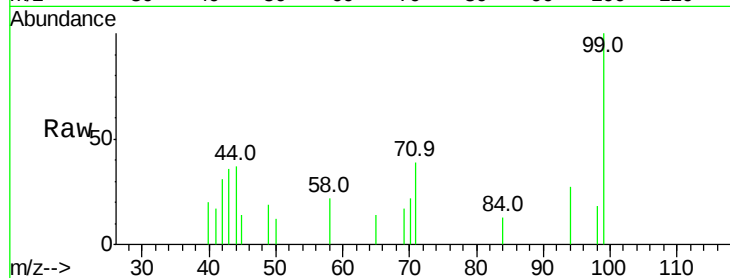
Tot Ion: 94 Resp: 295

Ion Ratio Lower Upper

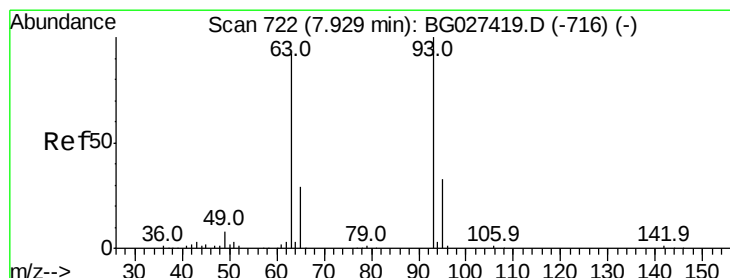
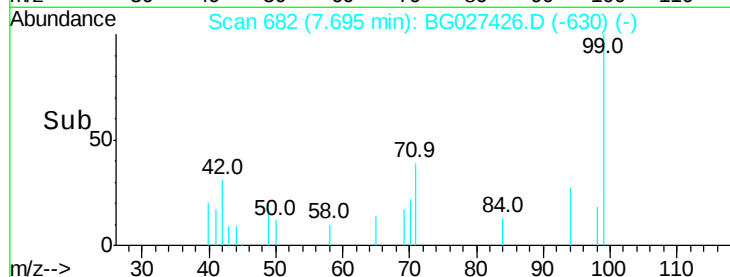
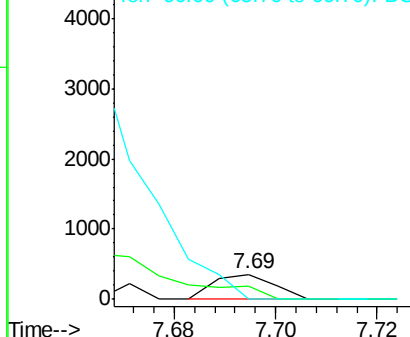
94 100

65 50.6 20.6 60.6

66 0.0 35.5 75.5#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 0.43 ng

RT: 7.86 min Scan# 710

Delta R.T. -0.07 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

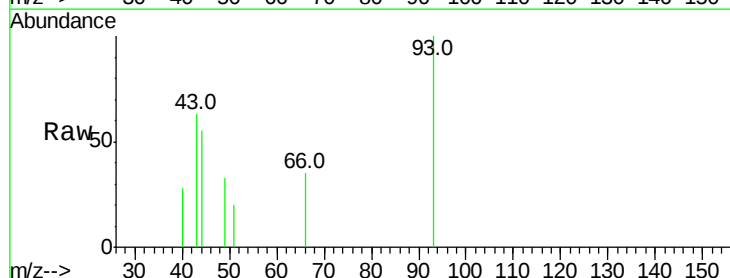
Tgt Ion: 93 Resp: 1549

Ion Ratio Lower Upper

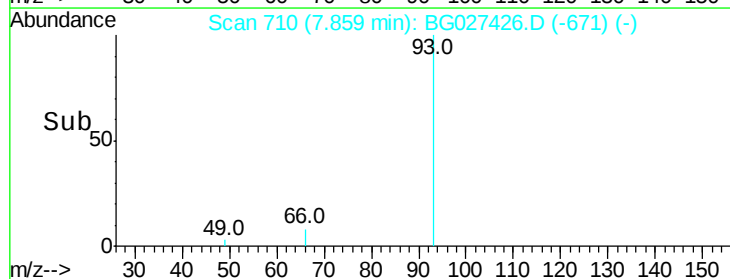
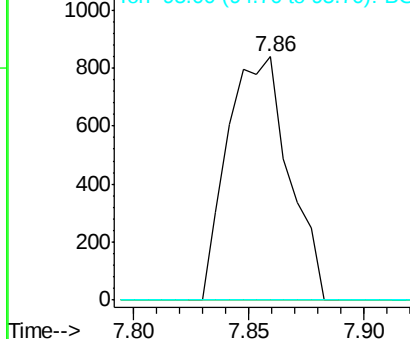
93 100

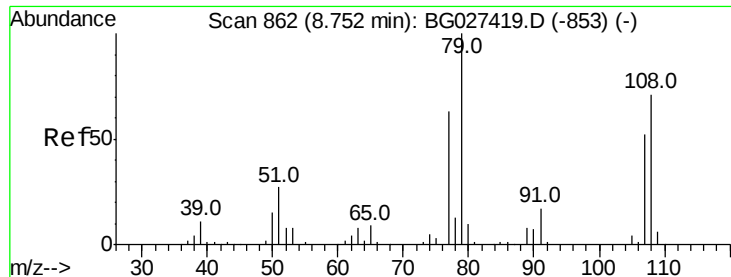
63 0.0 78.5 118.5#

95 0.0 9.8 49.8#



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





#15

Benzyl Alcohol

Concen: 0.02 ng

RT: 8.77 min Scan# 865

Delta R.T. 0.02 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

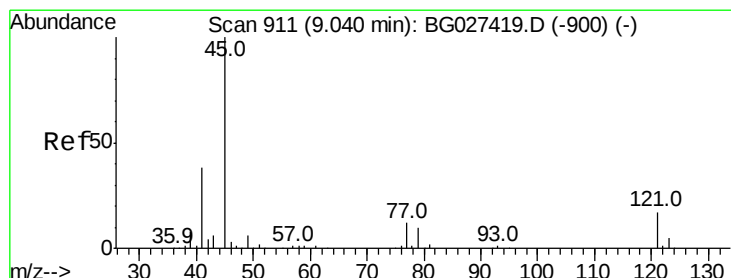
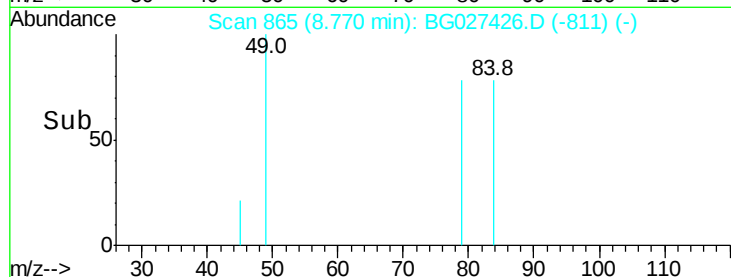
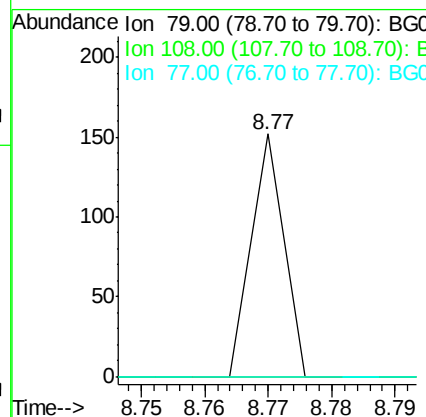
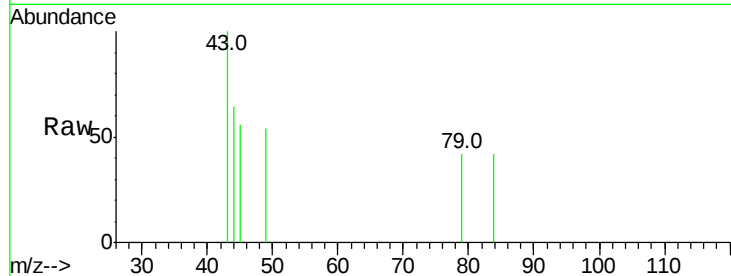
Instrument :

BNA_G

ClientSampled :

Tot Ion: 79 Resp: 54

Ion	Ratio	Lower	Upper
79	100		
108	0.0	45.5	68.3#
77	0.0	54.3	81.5#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.05 ng

RT: 9.03 min Scan# 909

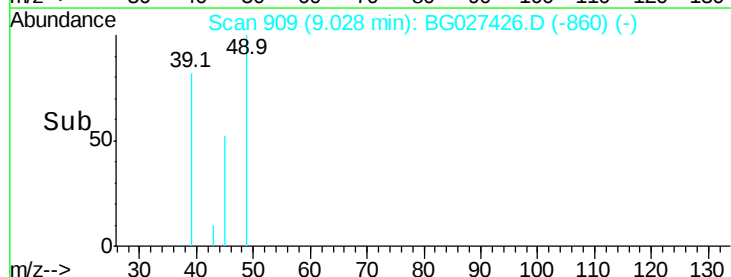
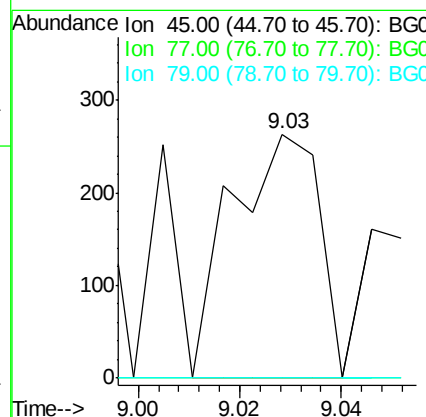
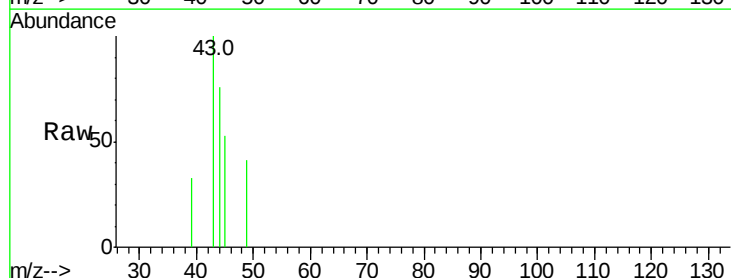
Delta R.T. -0.01 min

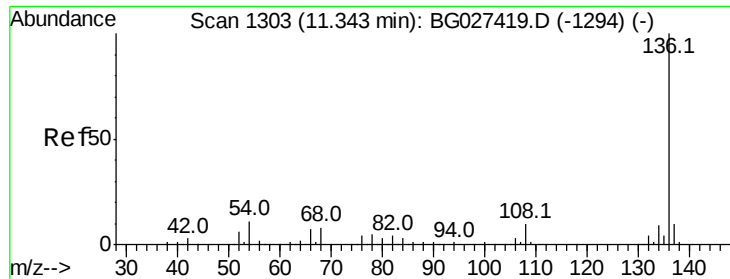
Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

Tgt Ion: 45 Resp: 314

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	30.6
79	0.0	0.0	28.5

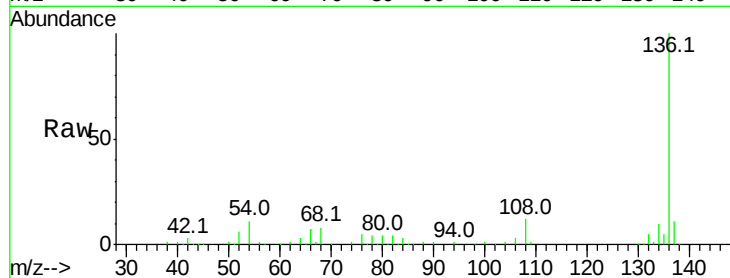




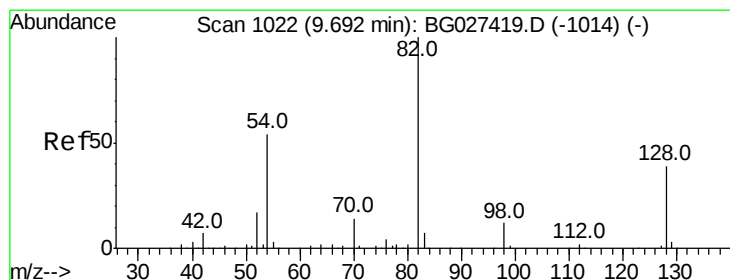
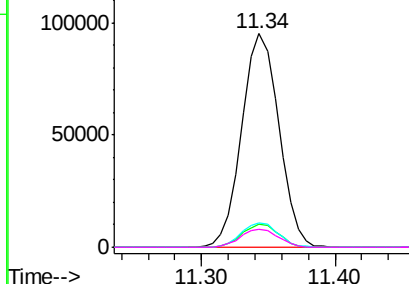
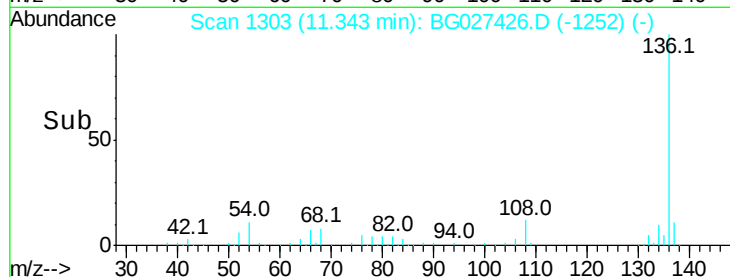
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.34 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG027426.D
Acq: 14 Jun 2017 20:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	182998
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	11.4	9.3	13.9
68	8.3	5.1	7.7

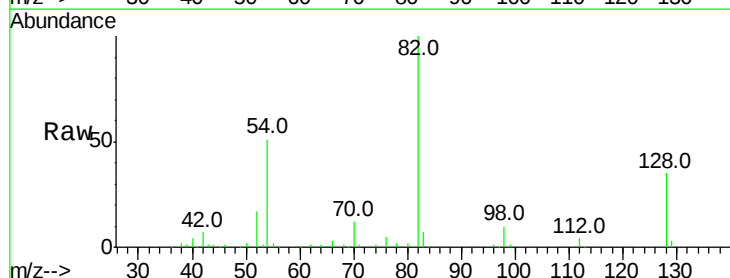


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

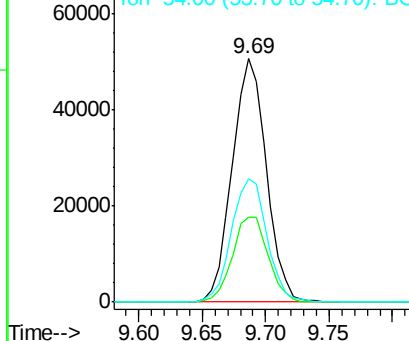
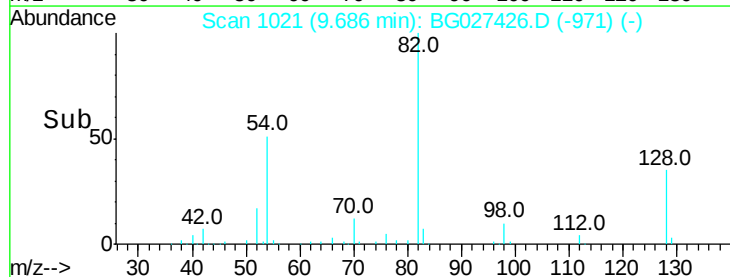


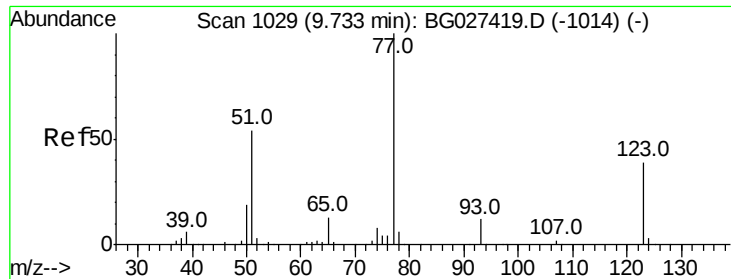
#23
Nitrobenzene-d5
Concen: 26.31 ng
RT: 9.69 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG027426.D
Acq: 14 Jun 2017 20:47

Tgt Ion:	82	Resp:	94442
Ion	Ratio	Lower	Upper
82	100		
128	35.0	26.4	39.6
54	50.9	49.4	74.2



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

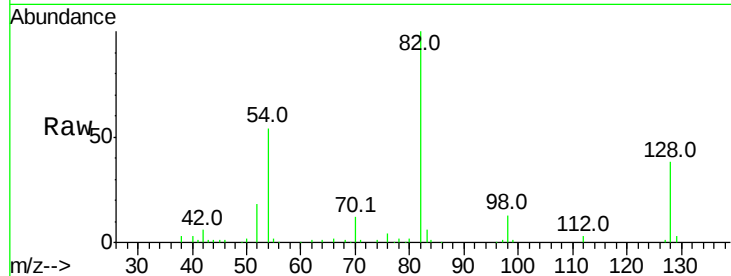




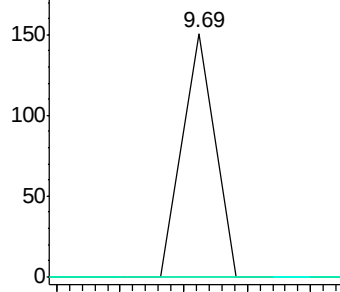
#24
 Nitrobenzene
 Concen: 0.01 ng
 RT: 9.69 min Scan# 1022
 Delta R.T. -0.04 min
 Lab File: BG027426.D
 Acq: 14 Jun 2017 20:47

Instrument :
 BNA_G
 ClientSampleId :

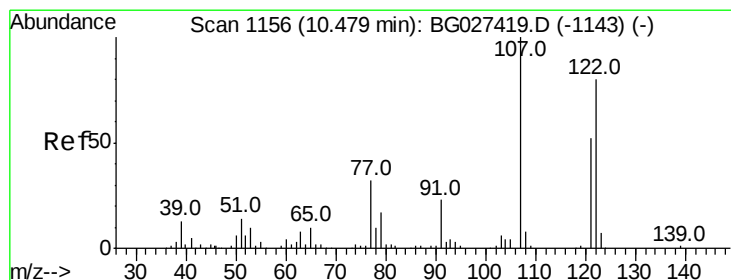
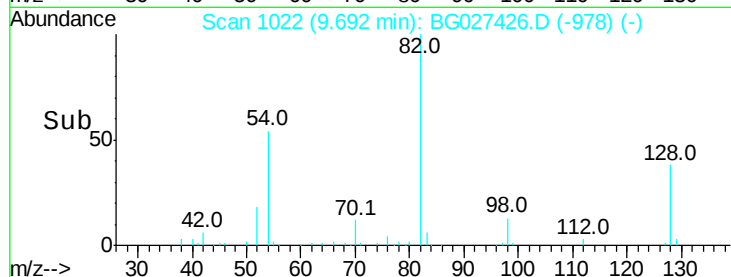
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	26.1	39.1#
65	0.0	12.4	18.6#



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

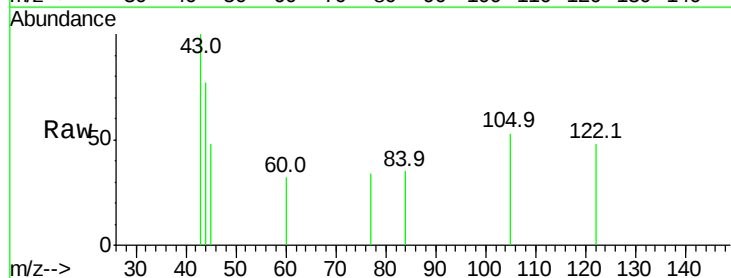


Time--> 9.67 9.68 9.69 9.70 9.71

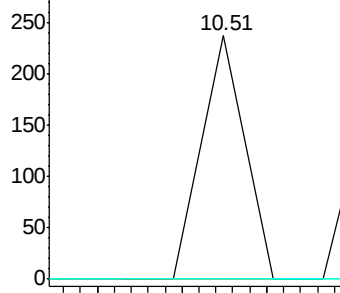


#27
 2,4-Dimethylphenol
 Concen: 0.03 ng
 RT: 10.51 min Scan# 1162
 Delta R.T. 0.04 min
 Lab File: BG027426.D
 Acq: 14 Jun 2017 20:47

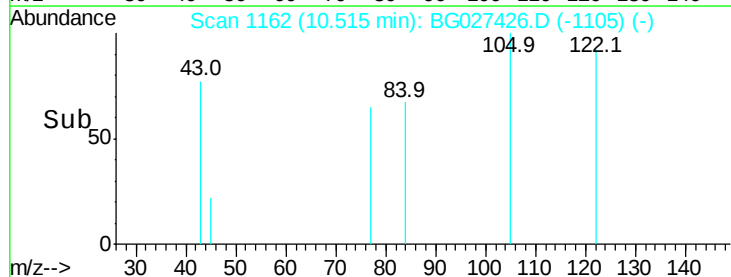
Tgt Ion	Ratio	Lower	Upper
122	100		
107	0.0	104.2	156.4#
121	0.0	46.0	69.0#

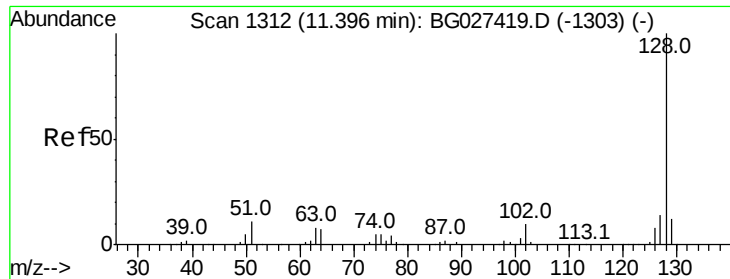


Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 107.00 (106.70 to 107.70): BGC
 Ion 121.00 (120.70 to 121.70): BGC



Time--> 10.50 10.51 10.52

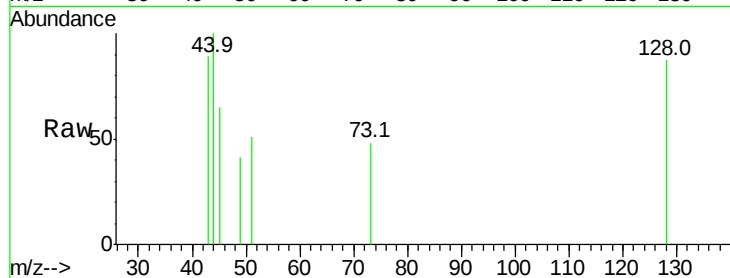




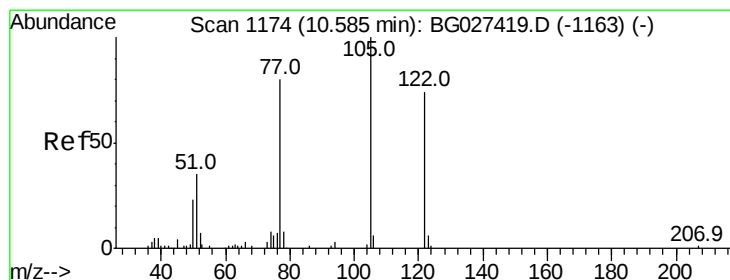
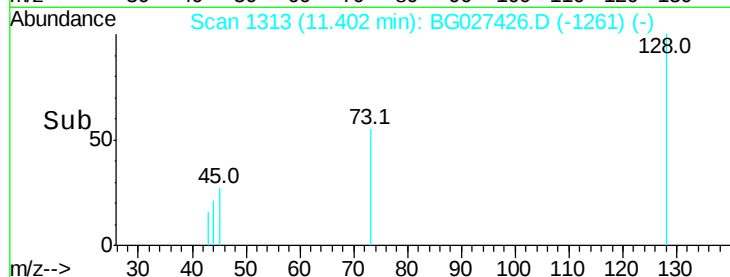
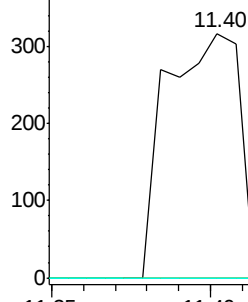
#31
Naphthalene
Concen: 0.05 ng
RT: 11.40 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BG027426.D
Acq: 14 Jun 2017 20:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 502
Ion Ratio Lower Upper
128 100
129 0.0 9.3 13.9#
127 0.0 11.4 17.0#

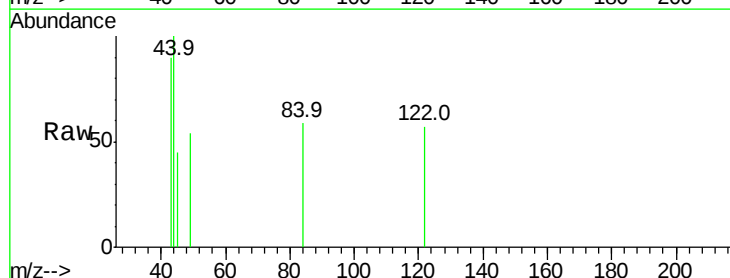


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

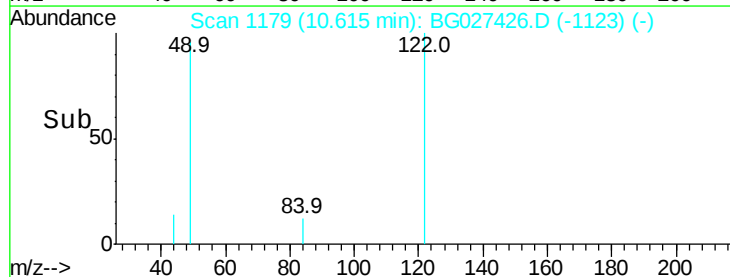
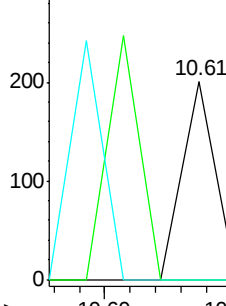


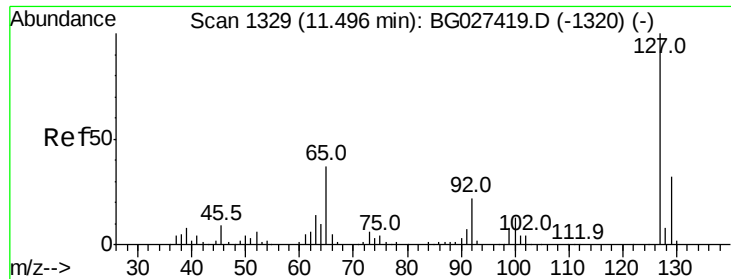
#32
Benzoic acid
Concen: 8.69 ng
RT: 10.61 min Scan# 1179
Delta R.T. 0.03 min
Lab File: BG027426.D
Acq: 14 Jun 2017 20:47

Tgt Ion:122 Resp: 71
Ion Ratio Lower Upper
122 100
105 0.0 120.1 160.1#
77 0.0 104.6 144.6#



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

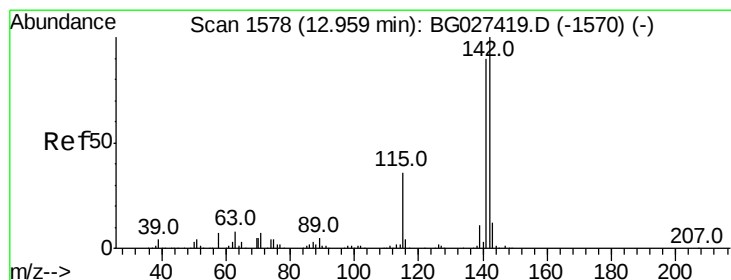
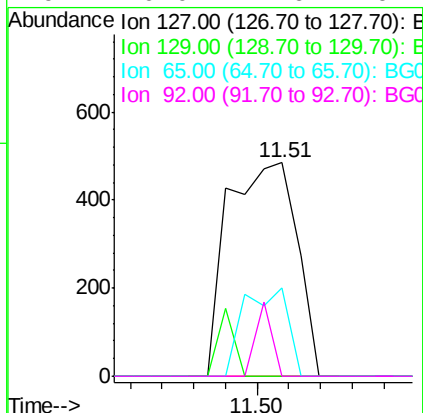
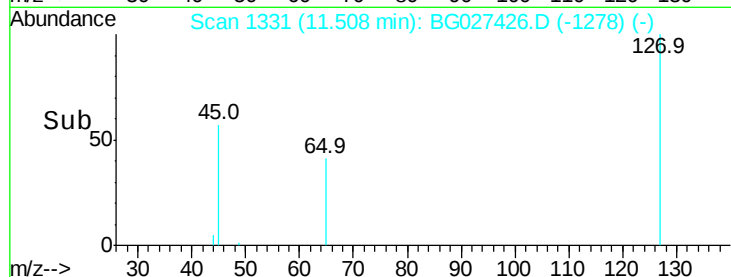
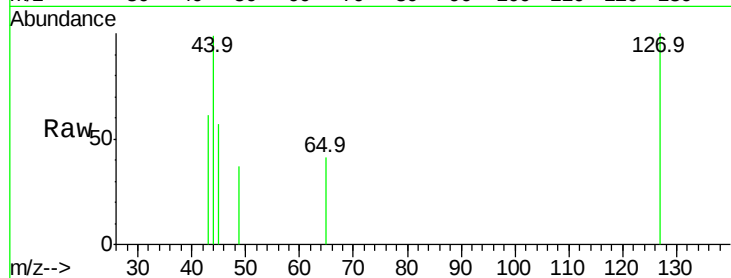




#33
4-Chloroaniline
Concen: 0.17 ng
RT: 11.51 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BG027426.D
Acq: 14 Jun 2017 20:47

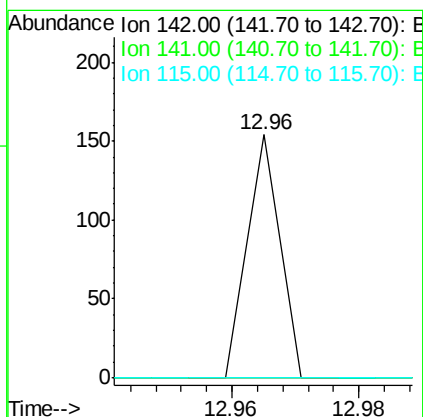
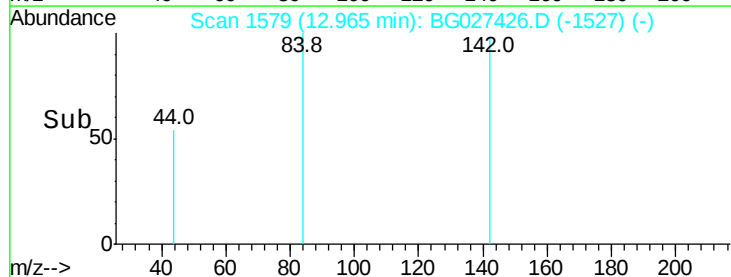
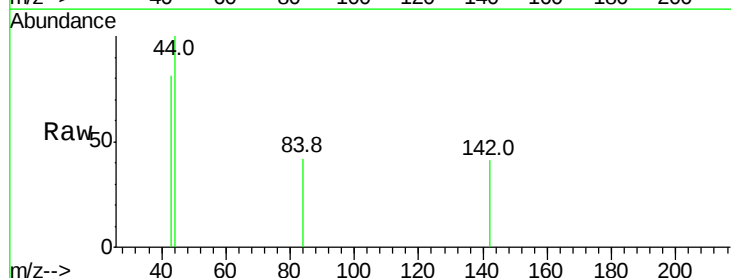
Instrument :
BNA_G
ClientSampleId :

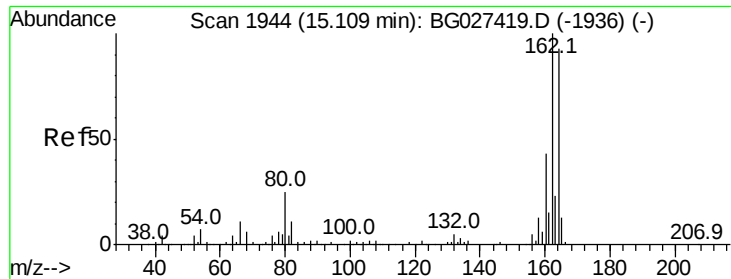
Tot Ion:127 Resp: 729
Ion Ratio Lower Upper
127 100
129 0.0 23.6 35.4#
65 41.2 37.7 56.5
92 0.0 17.6 26.4#



#37
2-Methylnaphthalene
Concen: 0.01 ng
RT: 12.96 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BG027426.D
Acq: 14 Jun 2017 20:47

Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
141 0.0 70.4 105.6#
115 0.0 35.5 53.3#

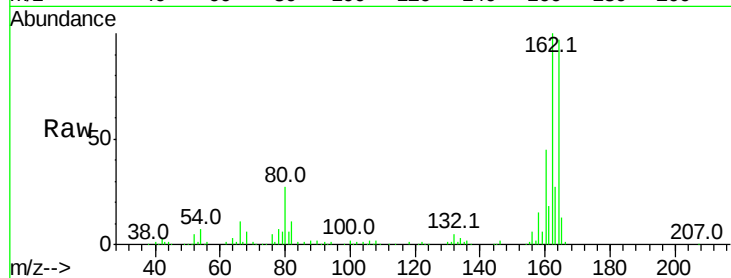




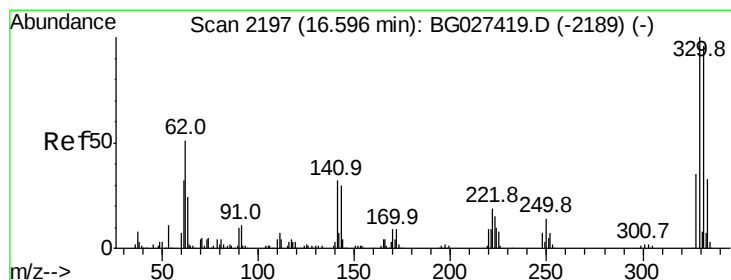
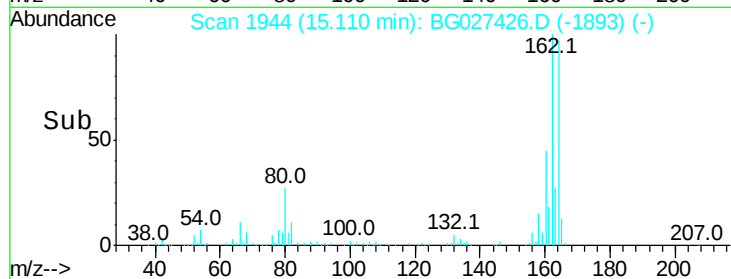
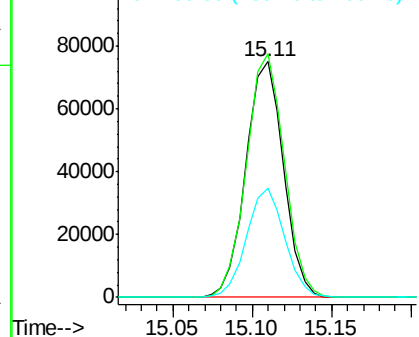
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.11 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG027426.D
Acq: 14 Jun 2017 20:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 123572
Ion Ratio Lower Upper
164 100
162 103.3 85.1 127.7
160 46.4 34.7 52.1

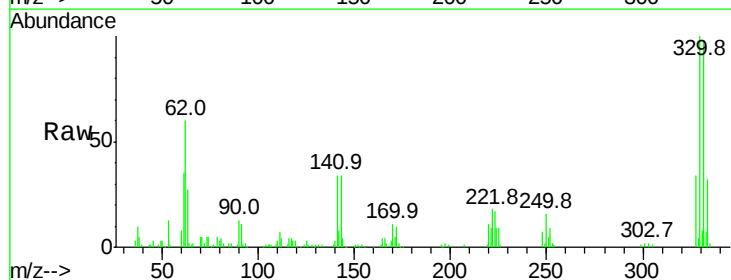


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

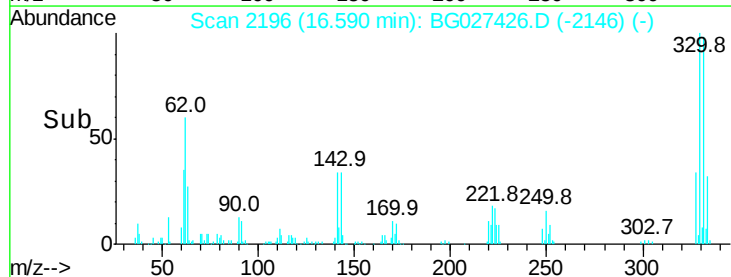
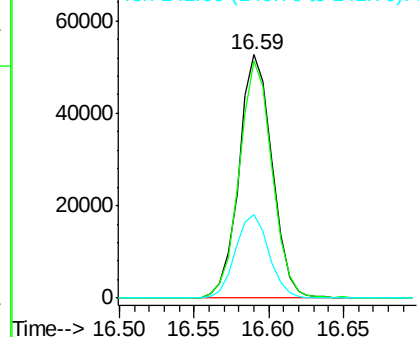


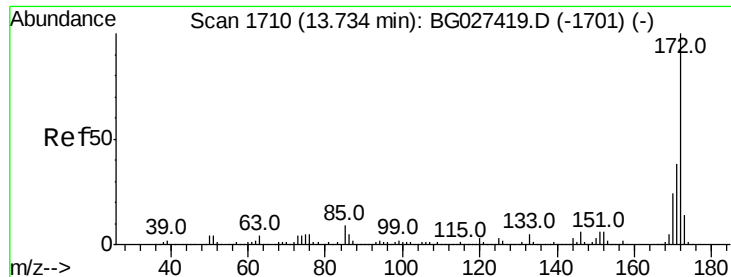
#41
2,4,6-Tribromophenol
Concen: 43.90 ng
RT: 16.59 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG027426.D
Acq: 14 Jun 2017 20:47

Tgt Ion:330 Resp: 81412
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 34.9 32.1 48.1



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

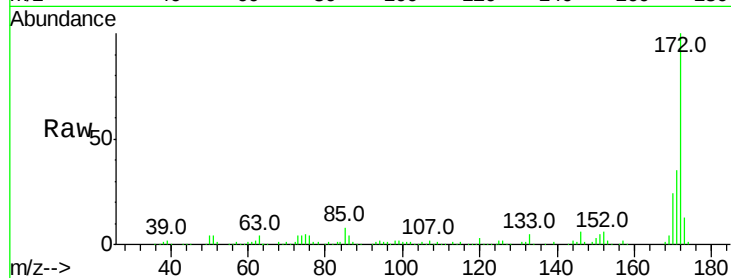




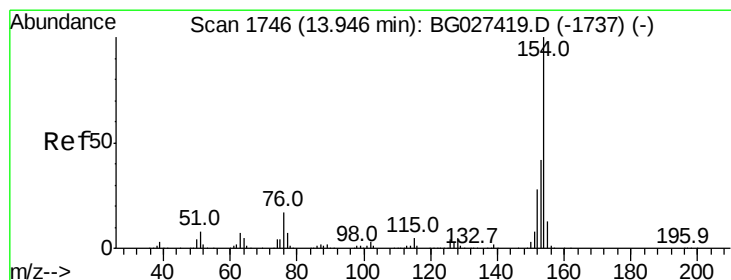
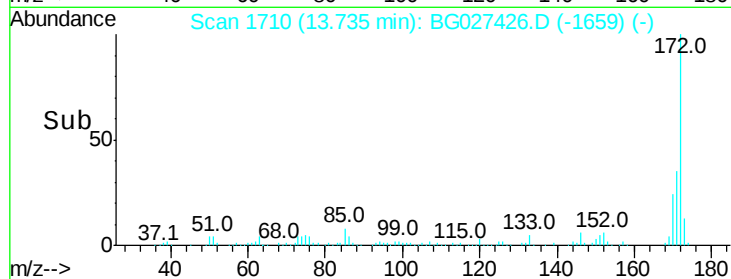
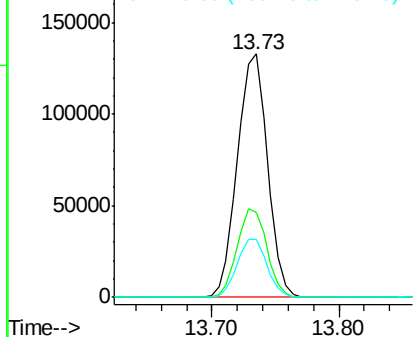
#44
2-Fluorobiphenyl
Concen: 25.59 ng
RT: 13.73 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BG027426.D
Acq: 14 Jun 2017 20:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 218904
Ion Ratio Lower Upper
172 100
171 35.0 32.2 48.2
170 23.6 21.8 32.6

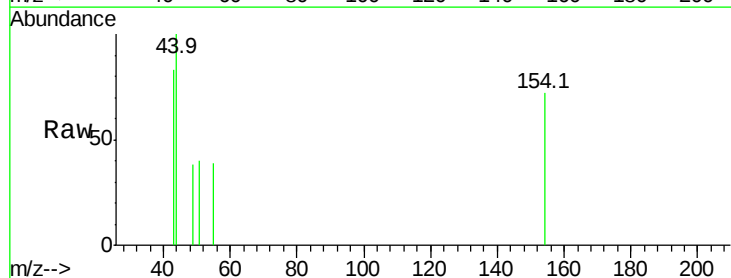


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

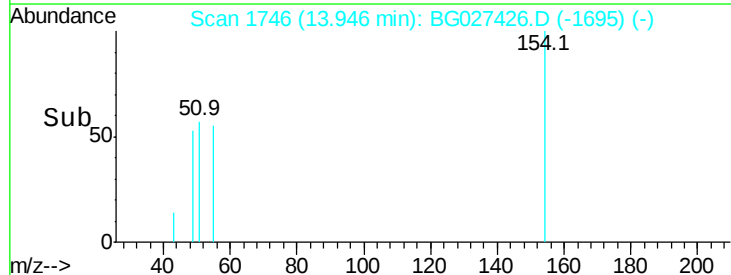
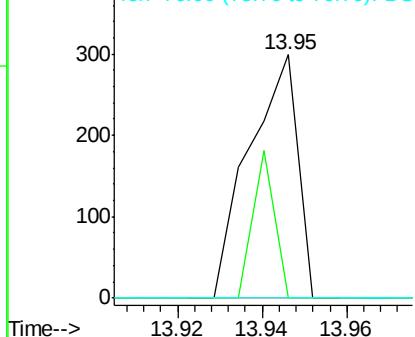


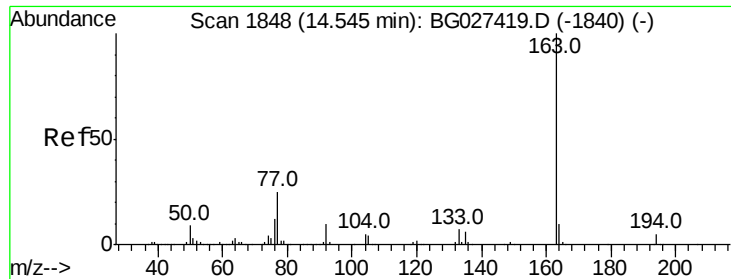
#45
1,1'-Biphenyl
Concen: 0.02 ng
RT: 13.95 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BG027426.D
Acq: 14 Jun 2017 20:47

Tgt Ion:154 Resp: 239
Ion Ratio Lower Upper
154 100
153 0.0 23.0 63.0#
76 0.0 0.0 33.5



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





#49

Dimethylphthalate

Concen: 0.18 ng

RT: 14.55 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

Instrument :

BNA_G

ClientSampled :

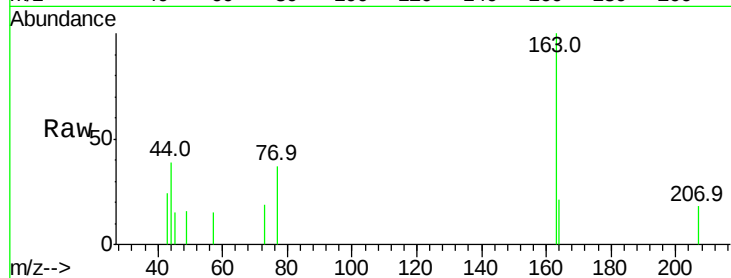
Tot Ion:163 Resp: 1817

Ion Ratio Lower Upper

163 100

194 0.0 3.8 5.6#

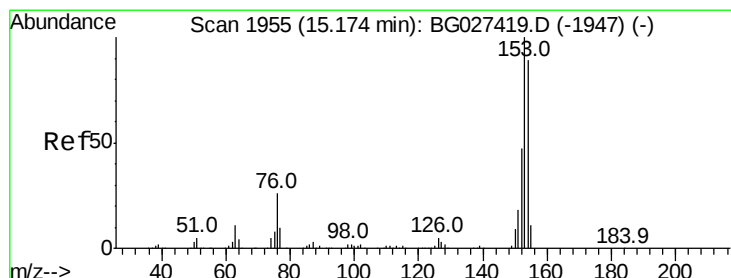
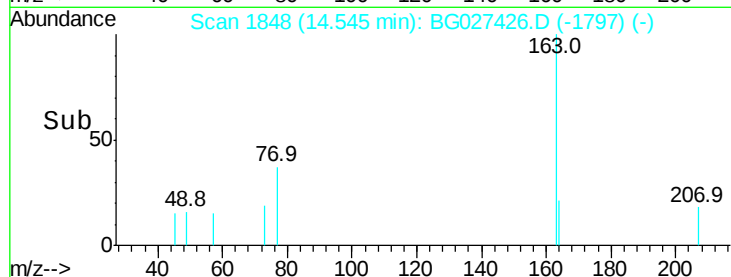
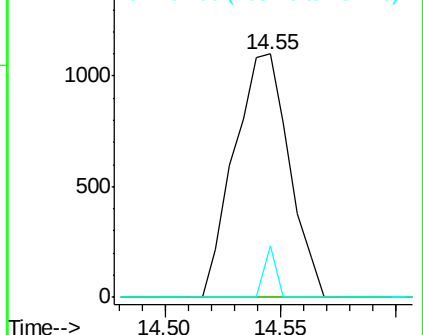
164 21.1 9.3 13.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 0.04 ng

RT: 15.10 min Scan# 1943

Delta R.T. -0.07 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

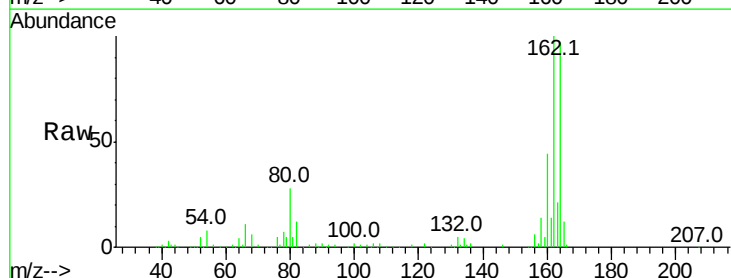
Tgt Ion:154 Resp: 377

Ion Ratio Lower Upper

154 100

153 0.0 87.8 131.6#

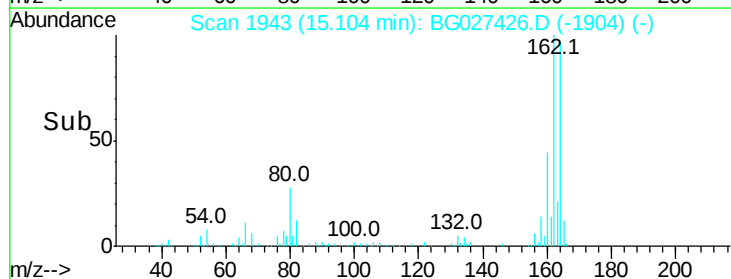
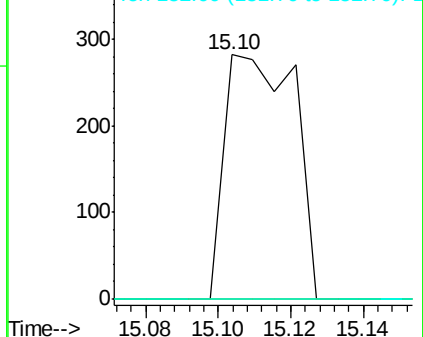
152 0.0 42.2 63.4#

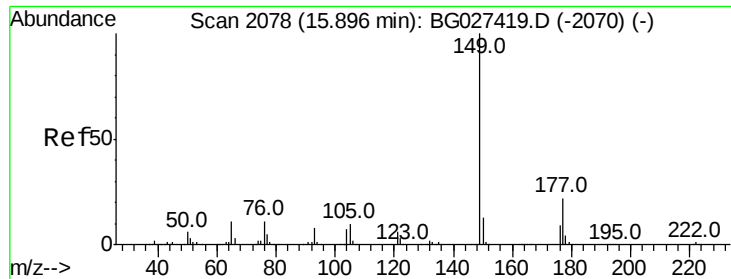


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

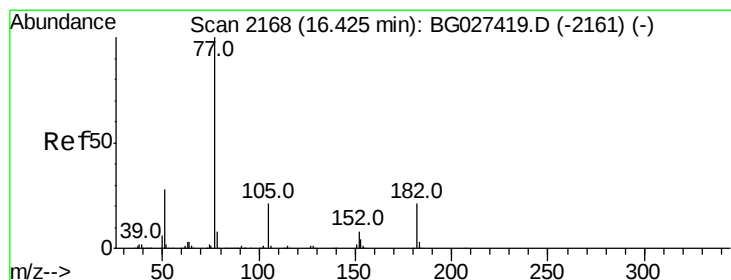
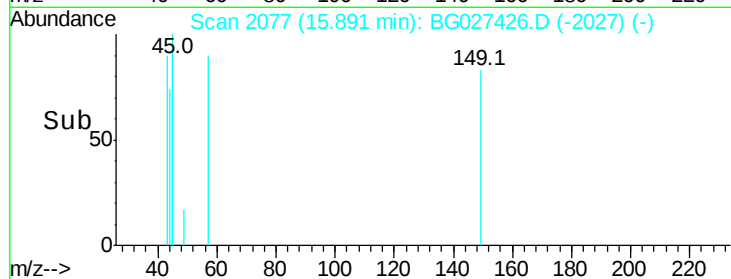
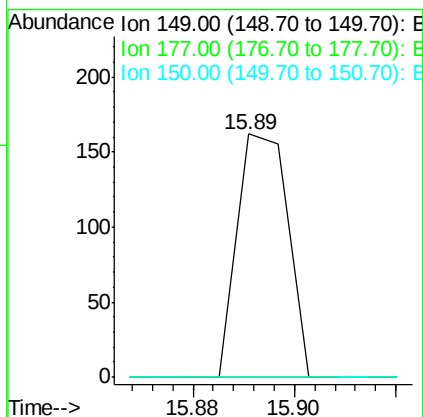
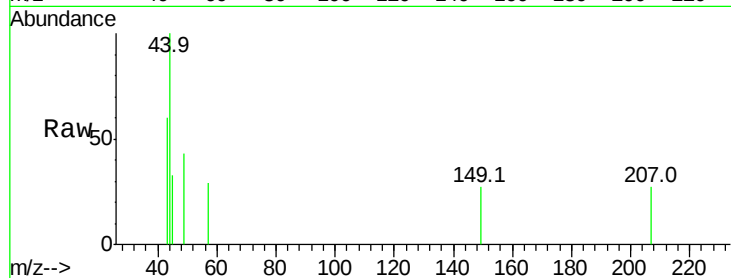




#59
Diethylphthalate
Concen: 0.01 ng
RT: 15.89 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG027426.D
Acq: 14 Jun 2017 20:47

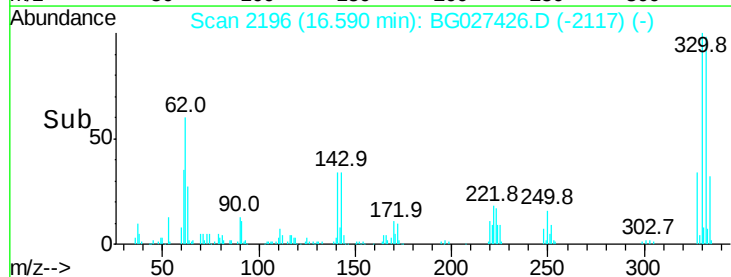
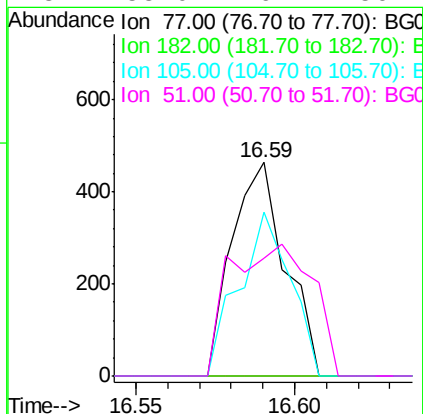
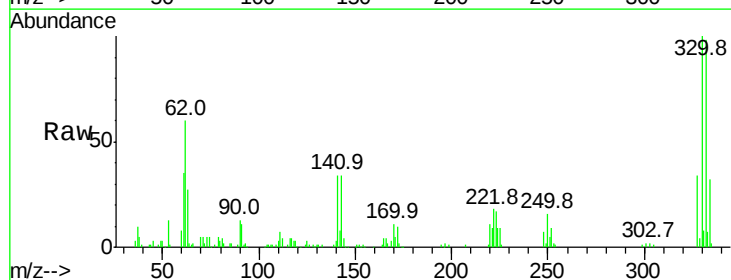
Instrument :
BNA_G
ClientSampleId :

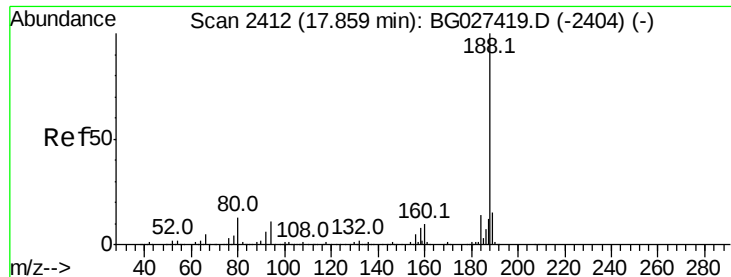
Tot Ion:149 Resp: 112
Ion Ratio Lower Upper
149 100
177 0.0 20.1 30.1#
150 0.0 10.2 15.2#



#62
Azobenzene
Concen: 0.05 ng
RT: 16.59 min Scan# 2196
Delta R.T. 0.16 min
Lab File: BG027426.D
Acq: 14 Jun 2017 20:47

Tgt Ion: 77 Resp: 539
Ion Ratio Lower Upper
77 100
182 0.0 4.7 44.7#
105 76.7 0.0 36.3#
51 55.0 16.4 56.4

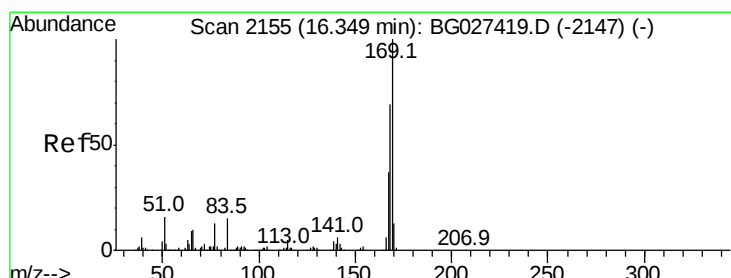
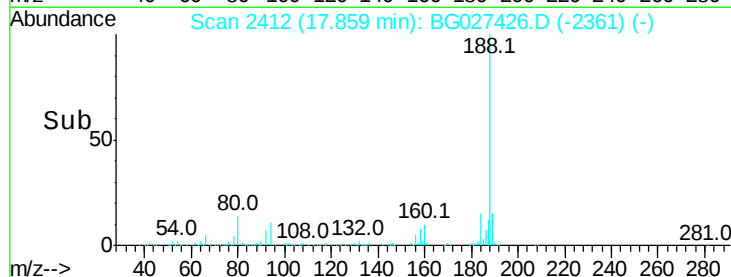
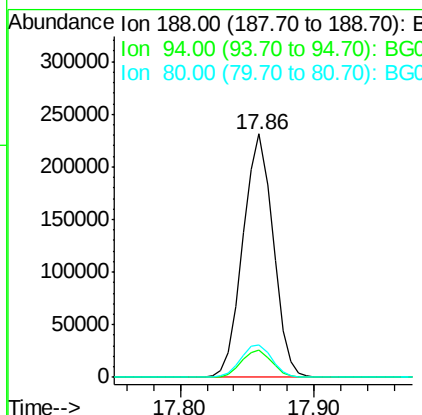
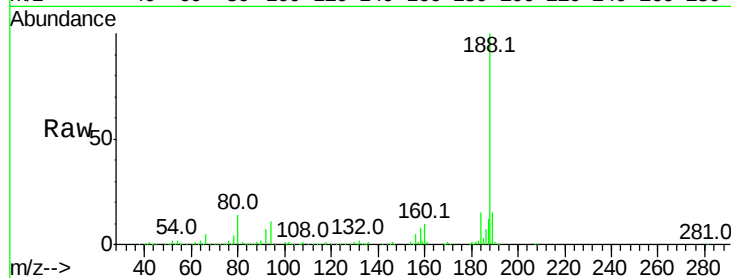




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.86 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG027426.D
Acq: 14 Jun 2017 20:47

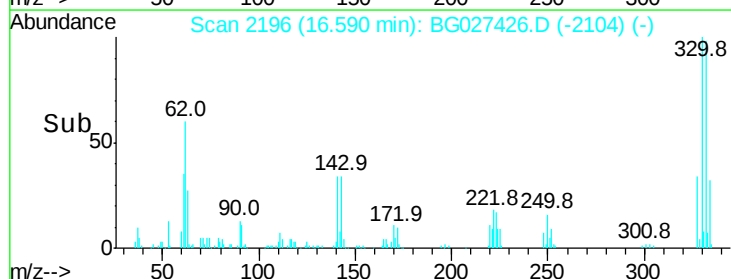
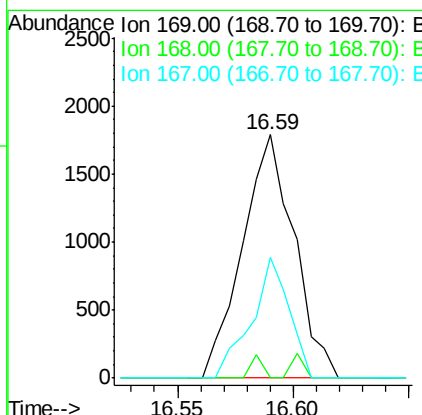
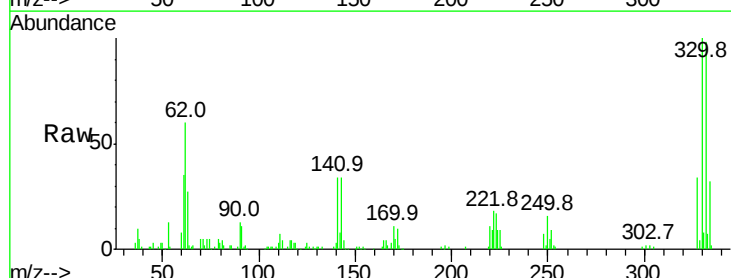
Instrument :
BNA_G
ClientSampleId :

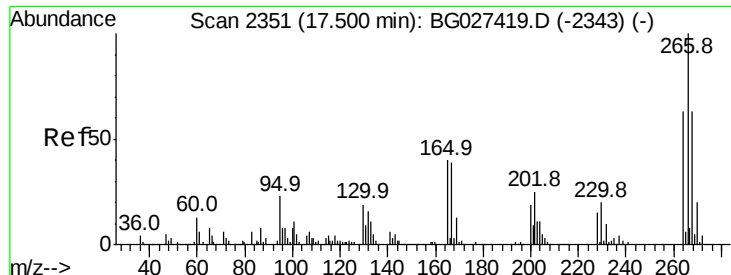
Tot Ion:188 Resp: 361764
Ion Ratio Lower Upper
188 100
94 11.4 5.8 8.8#
80 13.6 7.5 11.3#



#65
n-Nitrosodiphenylamine
Concen: 0.25 ng
RT: 16.59 min Scan# 2196
Delta R.T. 0.24 min
Lab File: BG027426.D
Acq: 14 Jun 2017 20:47

Tgt Ion:169 Resp: 2780
Ion Ratio Lower Upper
169 100
168 0.0 55.7 83.5#
167 49.4 29.8 44.6#





#69

Pentachlorophenol

Concen: 0.14 ng

RT: 17.51 min Scan# 2353

Delta R.T. 0.01 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

Instrument :

BNA_G

ClientSampled :

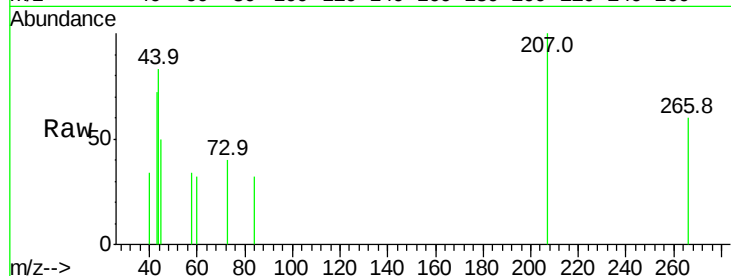
Tot Ion:266 Resp: 394

Ion Ratio Lower Upper

266 100

268 0.0 48.6 72.8#

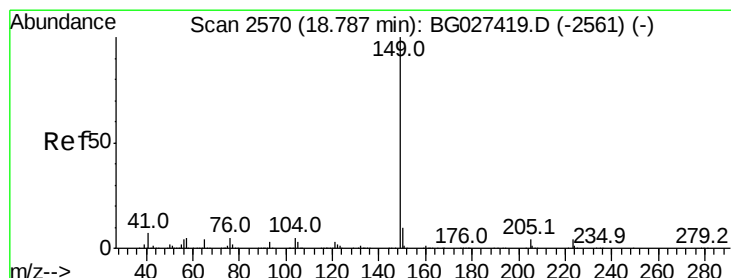
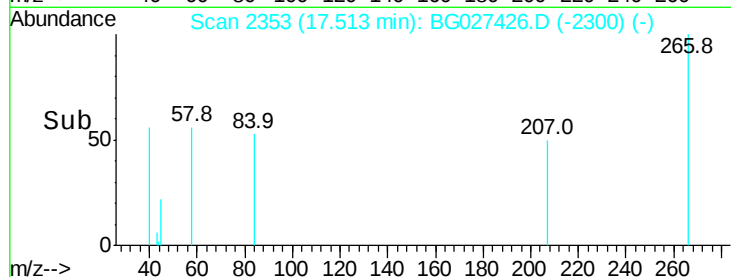
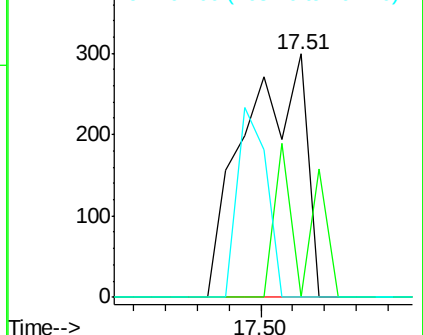
264 0.0 50.1 75.1#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#73

Di-n-butylphthalate

Concen: 0.12 ng

RT: 18.79 min Scan# 2570

Delta R.T. 0.00 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

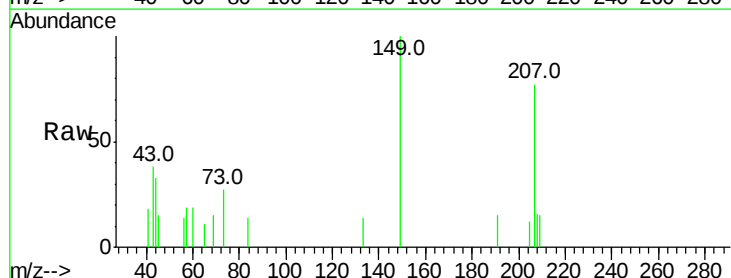
Tgt Ion:149 Resp: 2503

Ion Ratio Lower Upper

149 100

150 0.0 9.1 13.7#

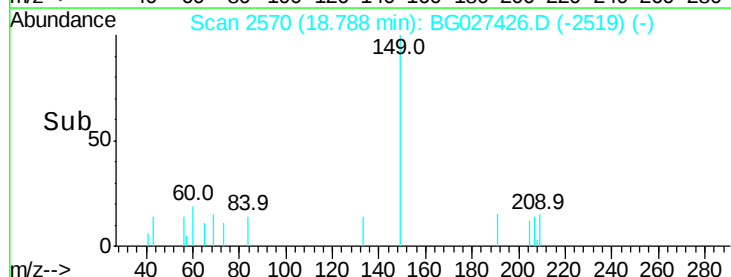
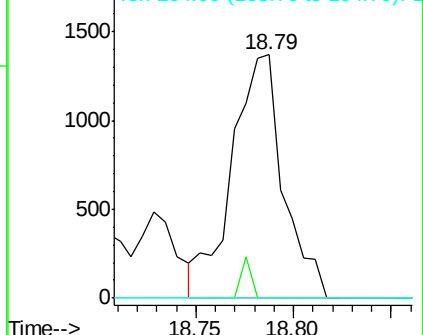
104 0.0 6.7 10.1#

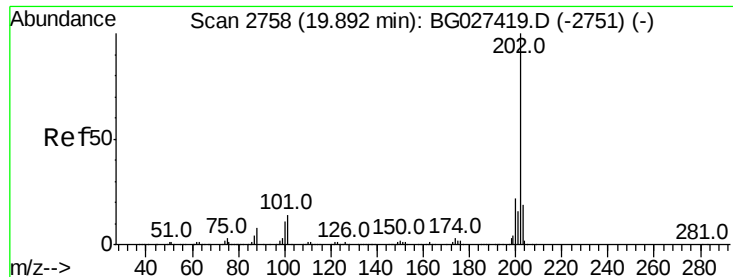


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.00 ng

RT: 19.90 min Scan# 2759

Delta R.T. 0.01 min

Lab File: BG027426.D

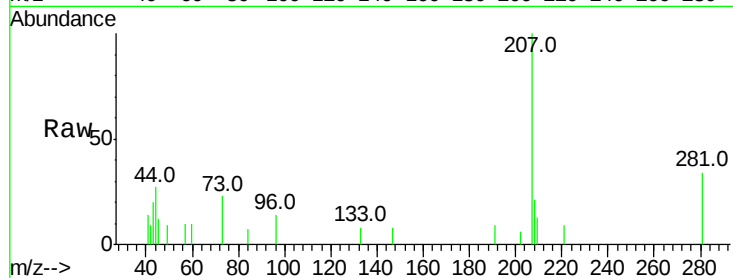
Acq: 14 Jun 2017 20:47

Instrument :

BNA_G

ClientSampleId :

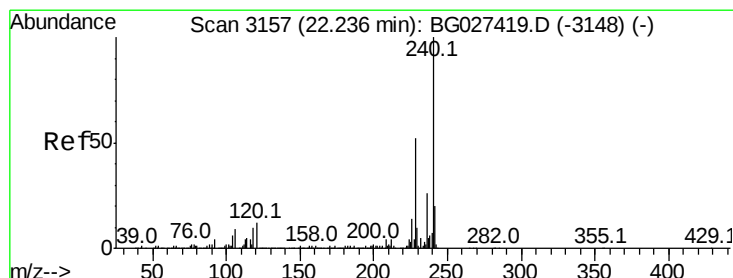
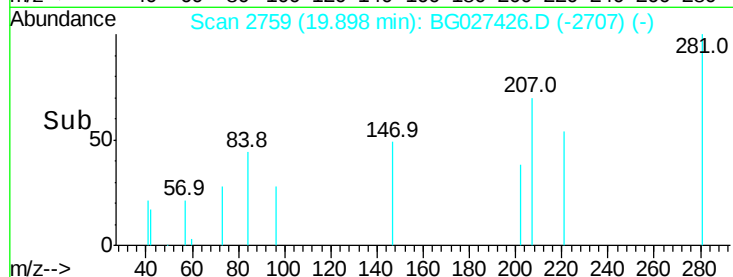
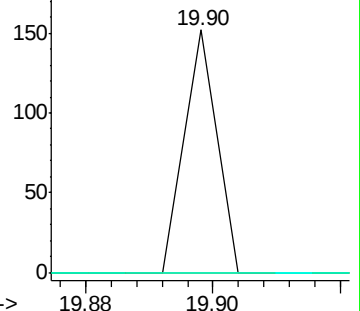
Tot Ion:	202	Resp:	54
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.1
203	0.0	1.3	41.3#



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

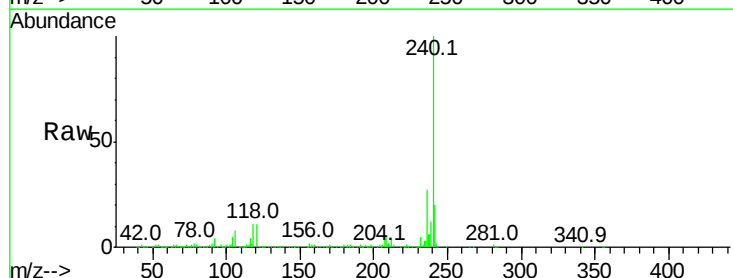
RT: 22.24 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

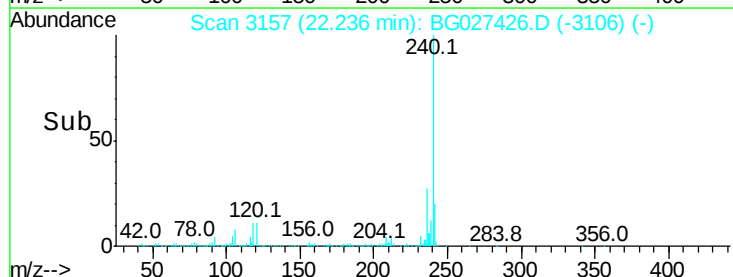
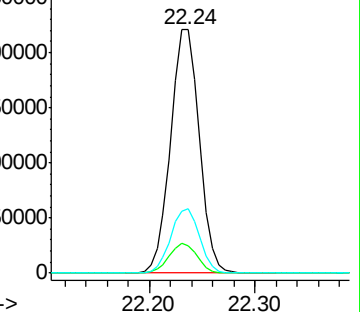
Tgt Ion:	240	Resp:	415890
Ion	Ratio	Lower	Upper
240	100		
120	11.4	5.7	8.5#
236	26.5	22.2	33.4

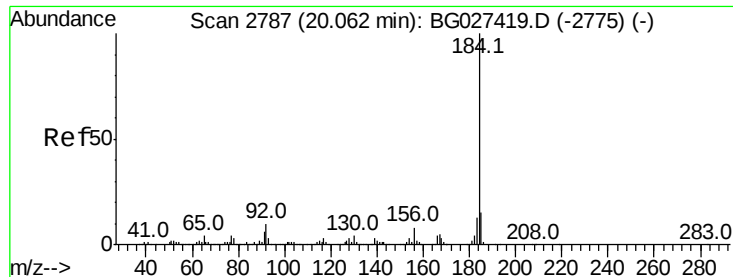


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 18.26 ng

RT: 20.06 min Scan# 2787

Delta R.T. 0.00 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

Instrument :

BNA_G

ClientSampled :

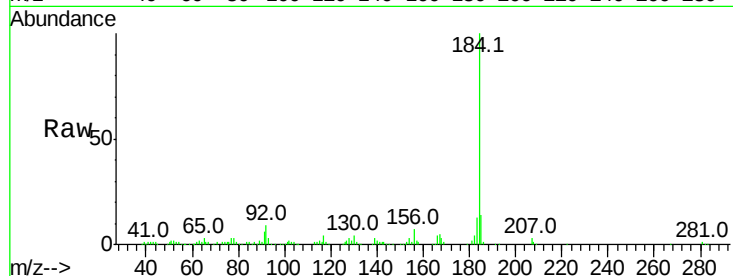
Tot Ion:184 Resp: 166501

Ion Ratio Lower Upper

184 100

185 14.3 13.0 19.6

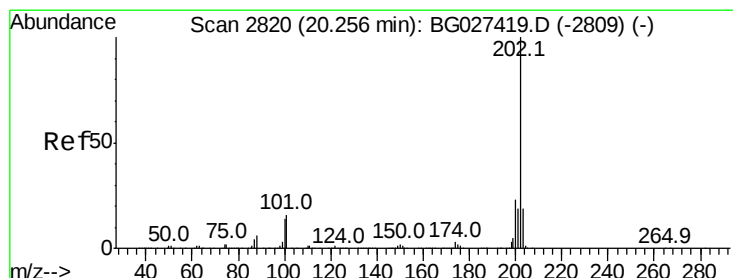
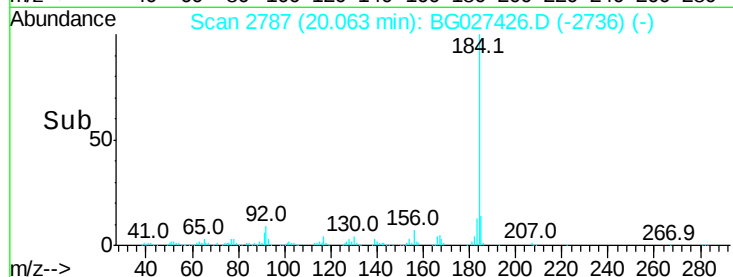
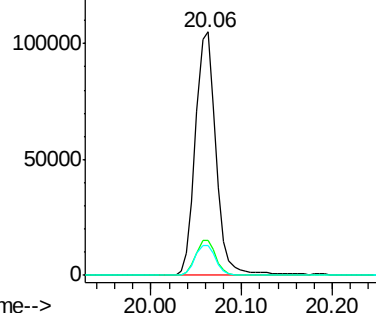
183 12.5 11.0 16.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.07 ng

RT: 20.43 min Scan# 2850

Delta R.T. 0.18 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

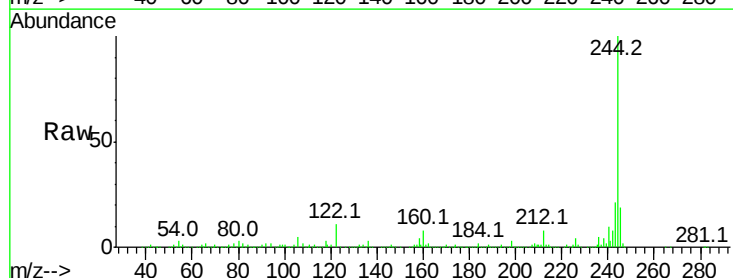
Tgt Ion:202 Resp: 1690

Ion Ratio Lower Upper

202 100

200 55.8 19.6 29.4#

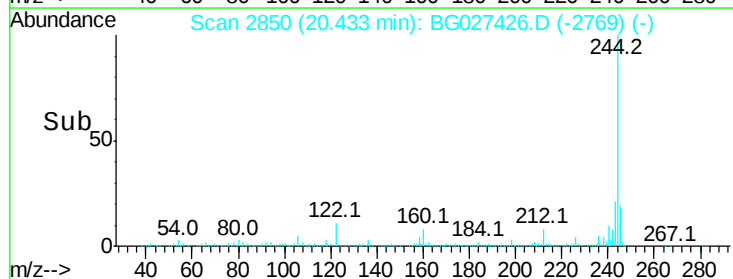
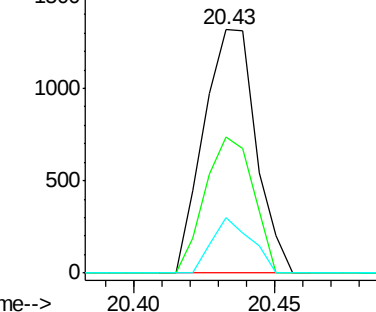
203 22.7 15.8 23.8

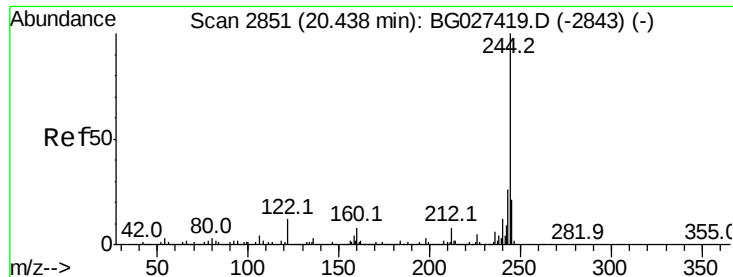


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 30.03 ng

RT: 20.43 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

Instrument :

BNA_G

ClientSampleId :

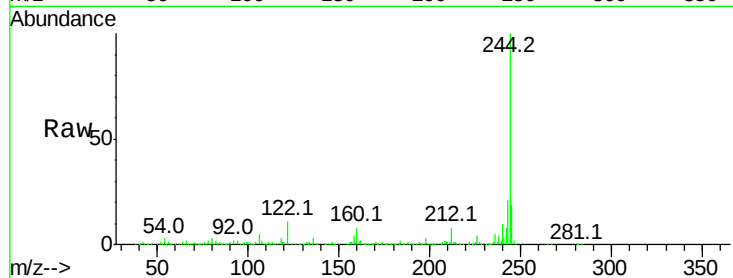
Tot Ion:244 Resp: 487247

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

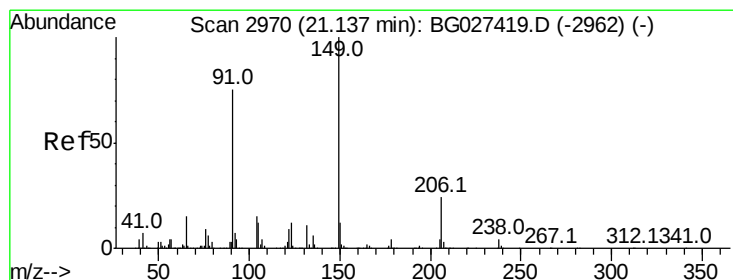
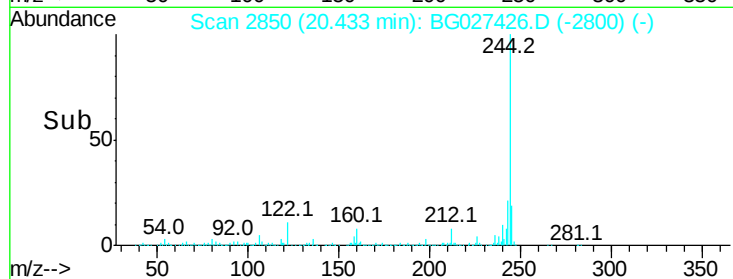
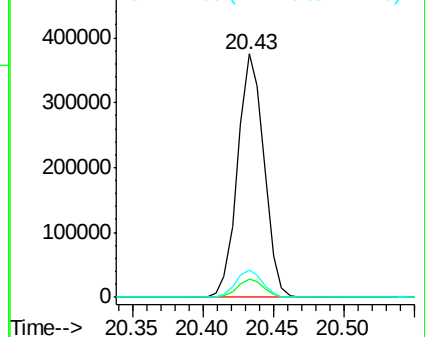
122 11.3 8.6 12.8



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: 21.13 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

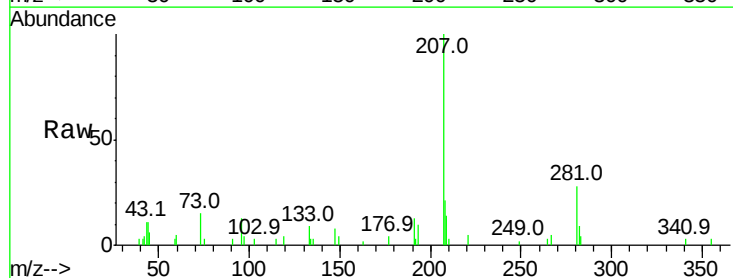
Tgt Ion:149 Resp: 285

Ion Ratio Lower Upper

149 100

91 89.4 63.5 95.3

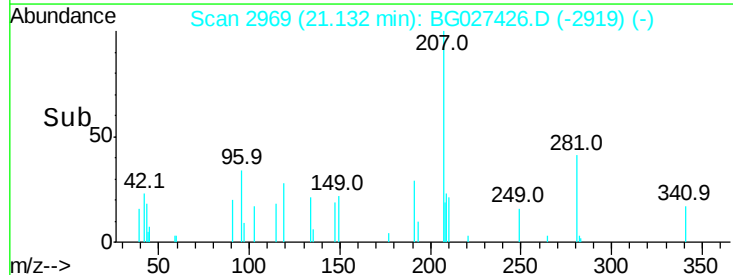
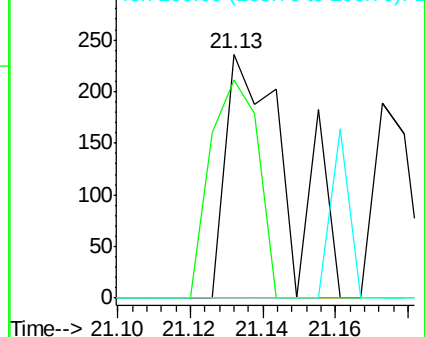
206 0.0 21.0 31.6#

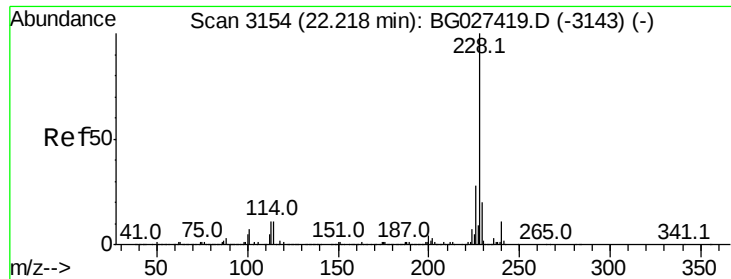


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

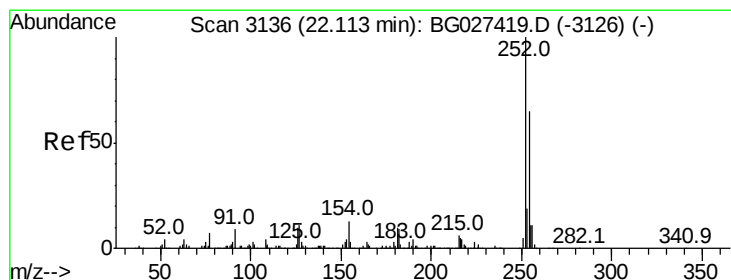
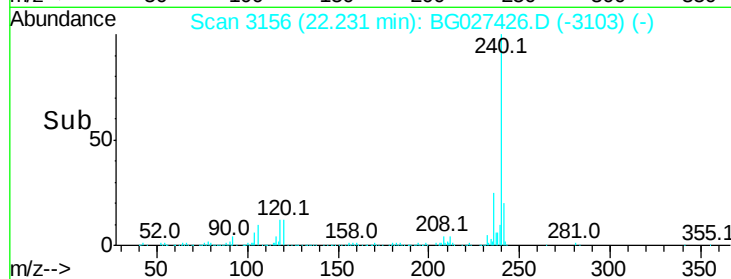
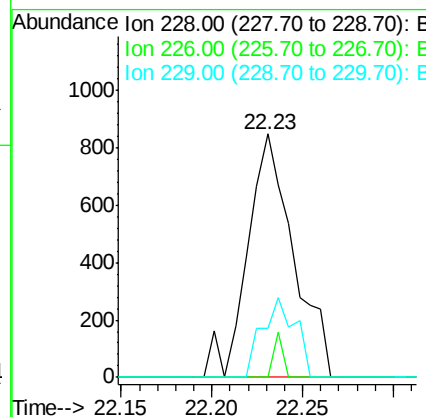
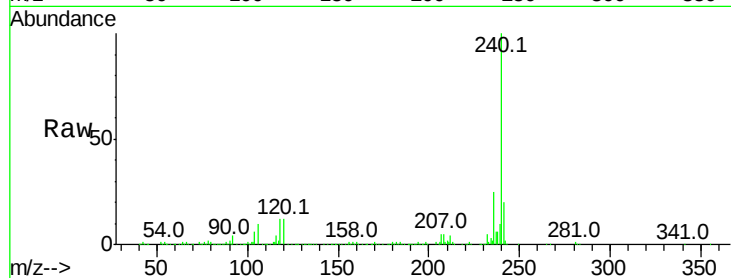




#80
Benzo(a)anthracene
Concen: 0.06 ng
RT: 22.23 min Scan# 3156
Delta R.T. 0.01 min
Lab File: BG027426.D
Acq: 14 Jun 2017 20:47

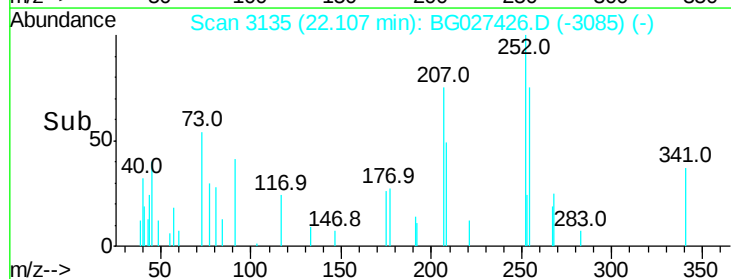
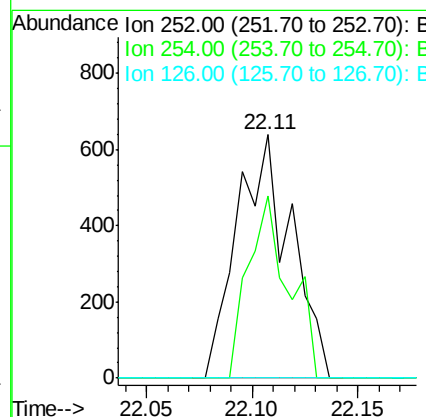
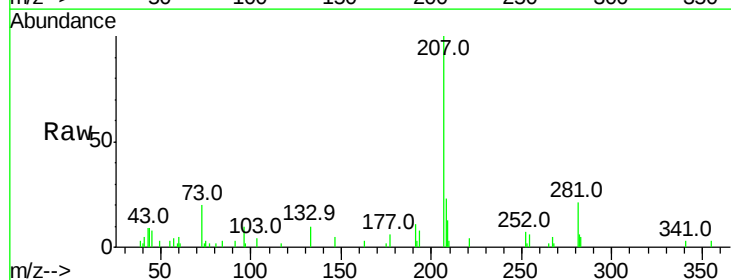
Instrument :
BNA_G
ClientSampled :

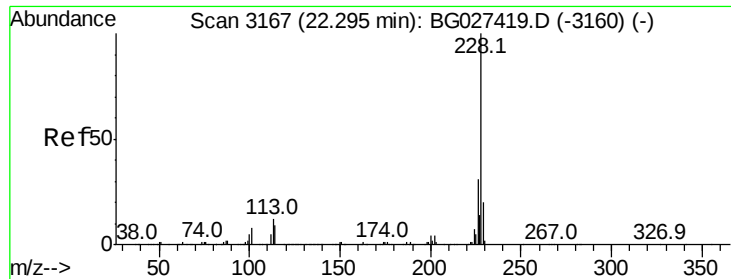
Tot Ion:228 Resp: 1498
Ion Ratio Lower Upper
228 100
226 0.0 24.9 37.3#
229 19.9 18.2 27.2



#81
3,3'-Dichlorobenzidine
Concen: 0.12 ng
RT: 22.11 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BG027426.D
Acq: 14 Jun 2017 20:47

Tgt Ion:252 Resp: 1129
Ion Ratio Lower Upper
252 100
254 75.0 53.1 79.7
126 0.0 7.0 10.4#





#82

Chrysene

Concen: 0.07 ng

RT: 22.23 min Scan# 3156

Delta R.T. -0.06 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

Instrument :

BNA_G

ClientSampled :

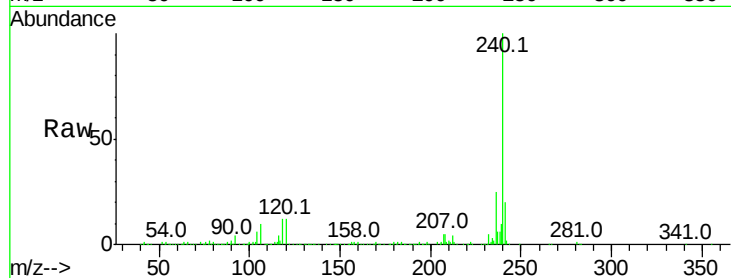
Tot Ion:228 Resp: 1498

Ion Ratio Lower Upper

228 100

226 0.0 27.0 40.4#

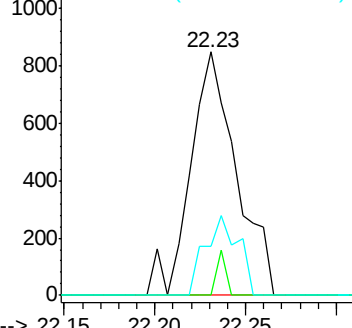
229 19.9 17.8 26.6



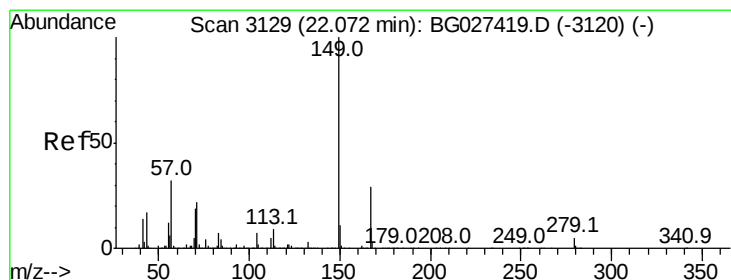
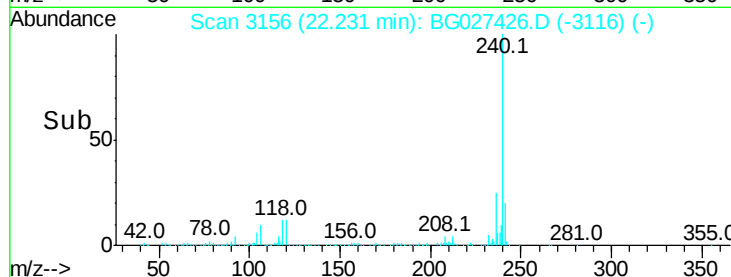
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 22.15 22.20 22.25



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.11 ng

RT: 22.06 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

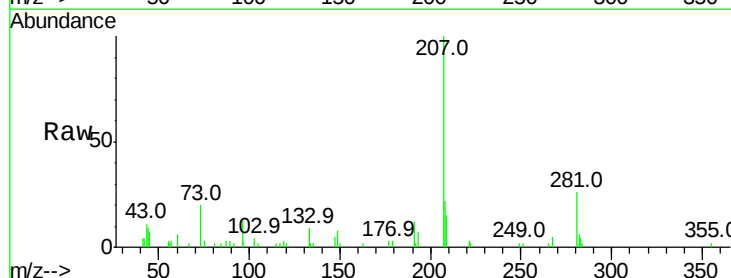
Tgt Ion:149 Resp: 1542

Ion Ratio Lower Upper

149 100

167 0.0 23.7 35.5#

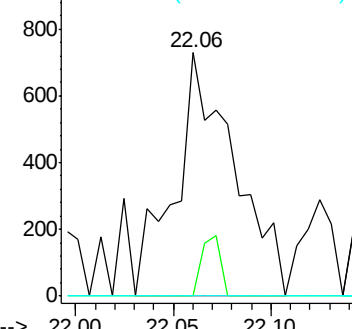
279 0.0 4.6 6.8#



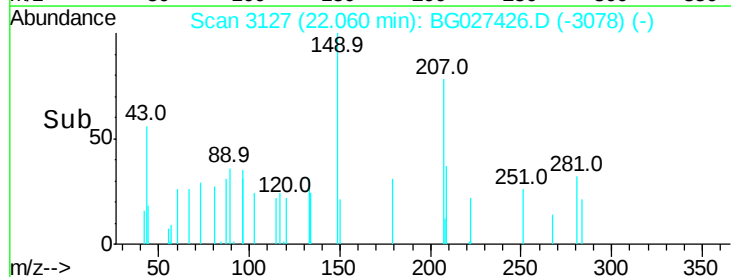
Abundance Ion 149.00 (148.70 to 149.70): E

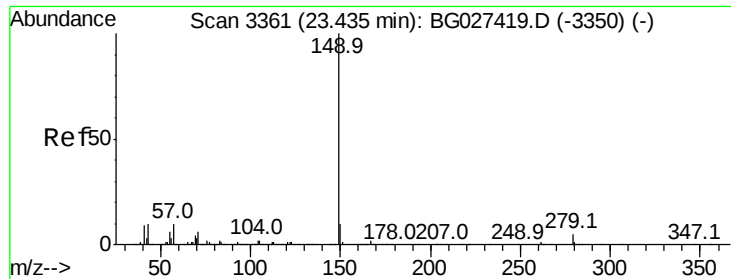
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 22.00 22.05 22.10





#84

Di-n-octyl phthalate

Concen: 0.02 ng

RT: 23.45 min Scan# 3364

Delta R.T. 0.02 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

Instrument :

BNA_G

ClientSampleID :

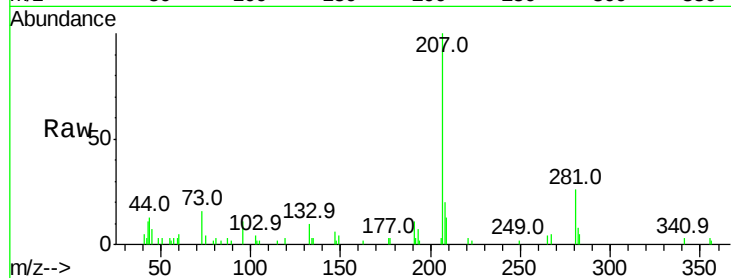
Tot Ion:149 Resp: 349

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.2#

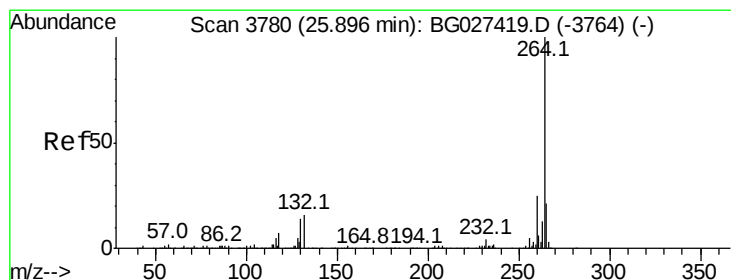
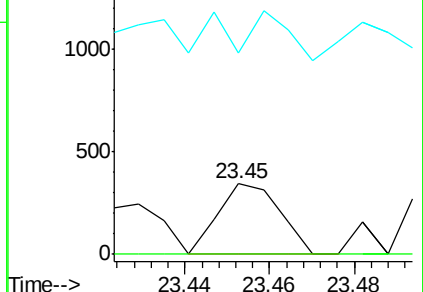
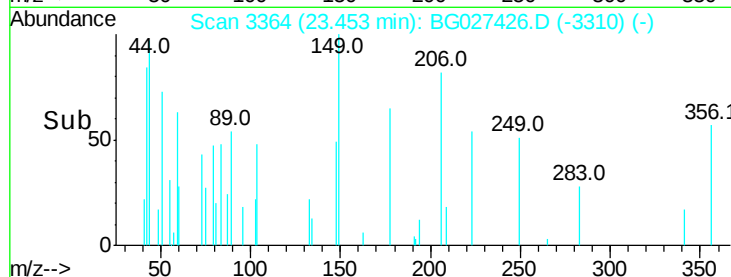
43 104.3 11.8 17.6#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.89 min Scan# 3779

Delta R.T. -0.01 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

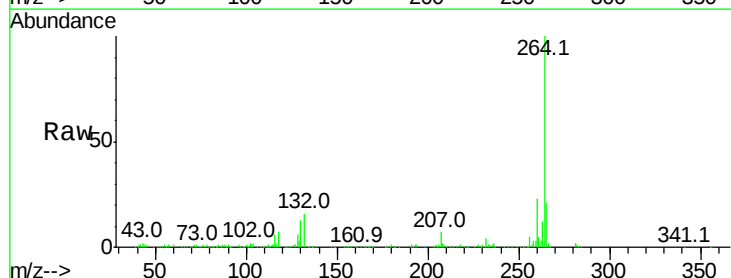
Tgt Ion:264 Resp: 408682

Ion Ratio Lower Upper

264 100

260 23.4 21.8 32.8

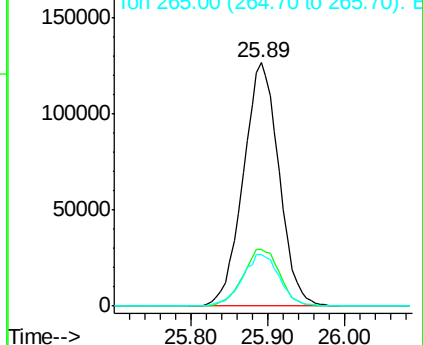
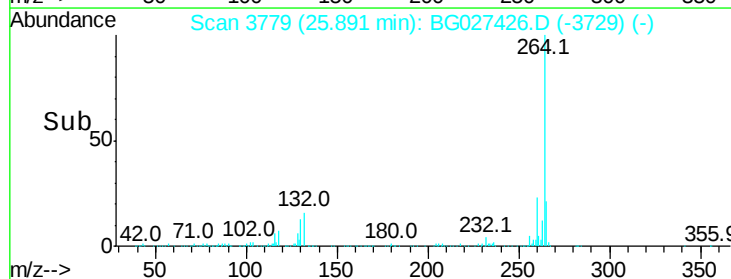
265 21.1 18.2 27.4

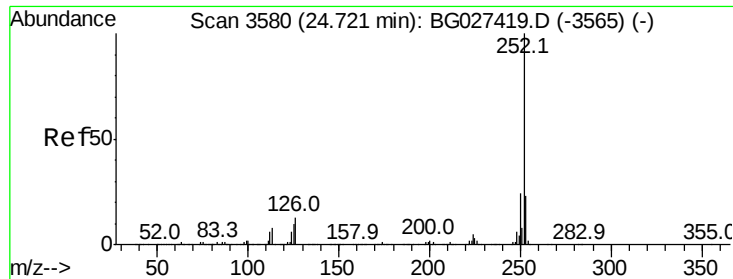


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.00 ng

RT: 24.70 min Scan# 3577

Delta R.T. -0.02 min

Lab File: BG027426.D

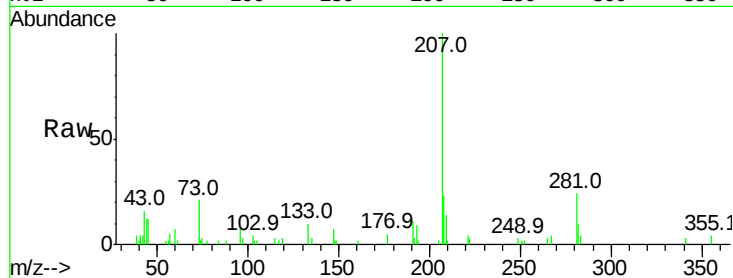
Acq: 14 Jun 2017 20:47

Instrument :

BNA_G

ClientSampleId :

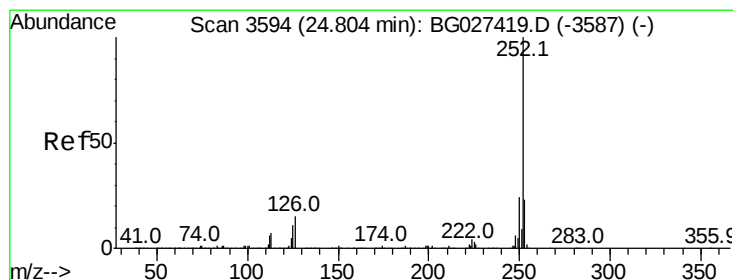
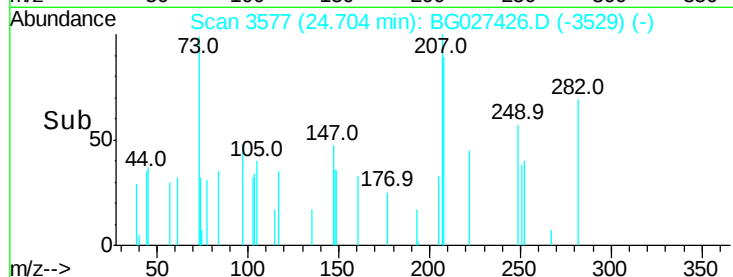
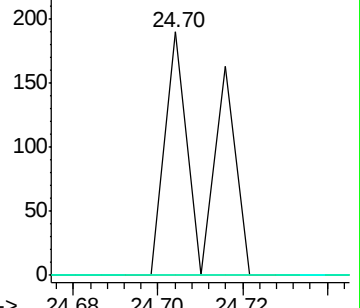
Tot Ion:	252	Resp:	124
Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.7	28.1#
125	0.0	5.3	7.9#



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



#88

Benzo(k)fluoranthene

Concen: 0.00 ng

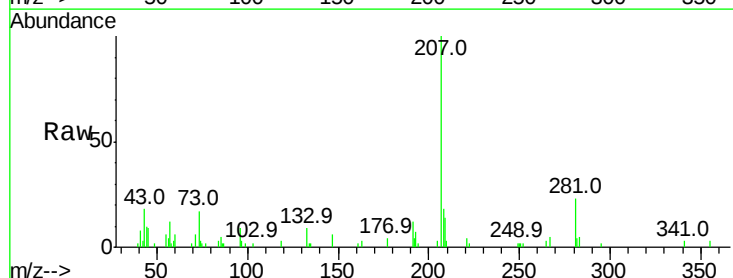
RT: 24.79 min Scan# 3592

Delta R.T. -0.01 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

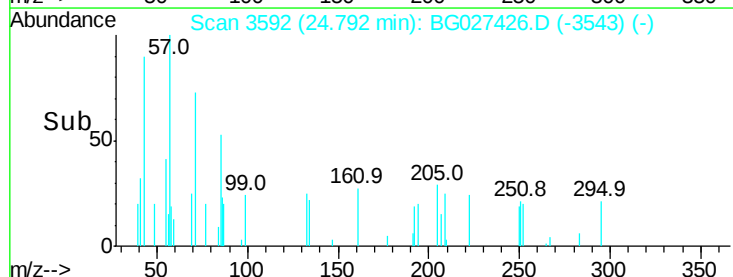
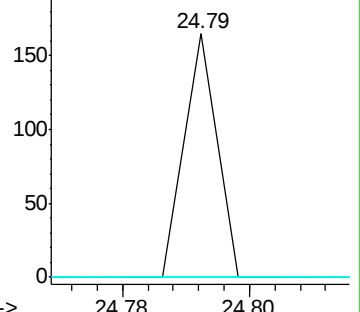
Tgt Ion:	252	Resp:	58
Ion	Ratio	Lower	Upper
252	100		
253	0.0	20.2	30.2#
125	0.0	5.1	7.7#

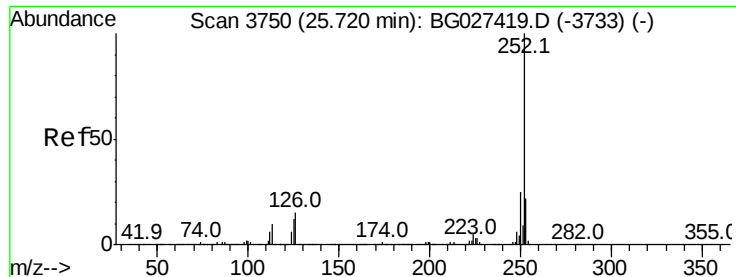


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.06 ng

RT: 25.90 min Scan# 3780

Delta R.T. 0.18 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1470

Ion Ratio Lower Upper

252 100

253 38.5 19.2 28.8#

125 38.5 5.4 8.0#

