

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\
 Data File : BG028685.D
 Acq On : 13 Sep 2017 1:07
 Operator : SJ/JU
 Sample : I5189-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 04:09:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	23584	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	96810	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	74721	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	234158	20.00	ng	0.00
75) Chrysene-d12	22.03	240	274216	20.00	ng	0.00
86) Perylene-d12	25.52	264	283239	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.90	112	104158	72.87	ng	0.00
7) Phenol-d6	7.49	99	84116	39.09	ng	0.00
23) Nitrobenzene-d5	9.50	82	203553	100.58	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	226615	183.37	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	538290	96.06	ng	0.00
78) Terphenyl-d14	20.28	244	1293195	100.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.84	88	59	0.102	ng	# 1
3) Pyridine	4.29	79	91	0.055	ng	# 1
4) n-Nitrosodimethylamine	4.11	42	54	0.072	ng	# 1
6) Aniline	7.86	93	518	0.207	ng	# 1
9) Benzaldehyde	7.55	77	136	0.102	ng	# 10
11) bis(2-Chloroethyl)ether	7.86	93	518	0.318	ng	# 1
14) 1,2-Dichlorobenzene	8.78	146	56	0.032	ng	# 21
15) Benzyl Alcohol	8.66	79	3445	2.051	ng	# 38
16) 2,2'-oxybis(1-Chloropropan	8.63	45	118	0.040	ng	# 74
17) 2-Methylphenol	8.62	107	56	0.038	ng	# 9
20) 3+4-Methylphenols	9.33	107	54	0.026	ng	# 18
24) Nitrobenzene	9.51	77	652	0.291	ng	# 49
25) Isophorone	9.99	82	93	0.023	ng	# 67
28) bis(2-Chloroethoxy)methane	10.59	93	54	0.024	ng	# 50
31) Naphthalene	11.41	128	55	0.011	ng	# 67
37) 2-Methylnaphthalene	12.80	142	57	0.015	ng	# 14
45) 1,1'-Biphenyl	13.78	154	795	0.129	ng	# 73
47) 2-Nitroaniline	14.01	65	67	0.040	ng	# 16
50) 2,6-Dinitrotoluene	14.64	165	59	0.042	ng	# 11
51) Acenaphthene	14.94	154	216	0.049	ng	# 46
52) 3-Nitroaniline	14.71	138	80	0.065	ng	# 1
59) Diethylphthalate	15.74	149	205	0.032	ng	# 56
60) 4-Chlorophenyl-phenylether	15.84	204	62	0.017	ng	# 26
62) Azobenzene	16.26	77	83	0.015	ng	# 47
65) n-Nitrosodiphenylamine	16.43	169	6915	1.030	ng	# 38
66) 4-Bromophenyl-phenylether	16.83	248	59	0.020	ng	# 8
70) Phenanthrene	17.75	178	60	0.005	ng	# 56
71) Anthracene	17.75	178	60	0.005	ng	# 58
72) Carbazole	18.06	167	56	0.005	ng	# 55
73) Di-n-butylphthalate	18.63	149	2340	0.175	ng	# 73
74) Fluoranthene	19.74	202	57	0.004	ng	# 61
76) Benzidine	20.04	184	64	0.009	ng	# 64
77) Pvrene	20.28	202	4167	0.263	ng	# 69
79) Butylbenzylphthalate	20.96	149	115	0.018	ng	# 19

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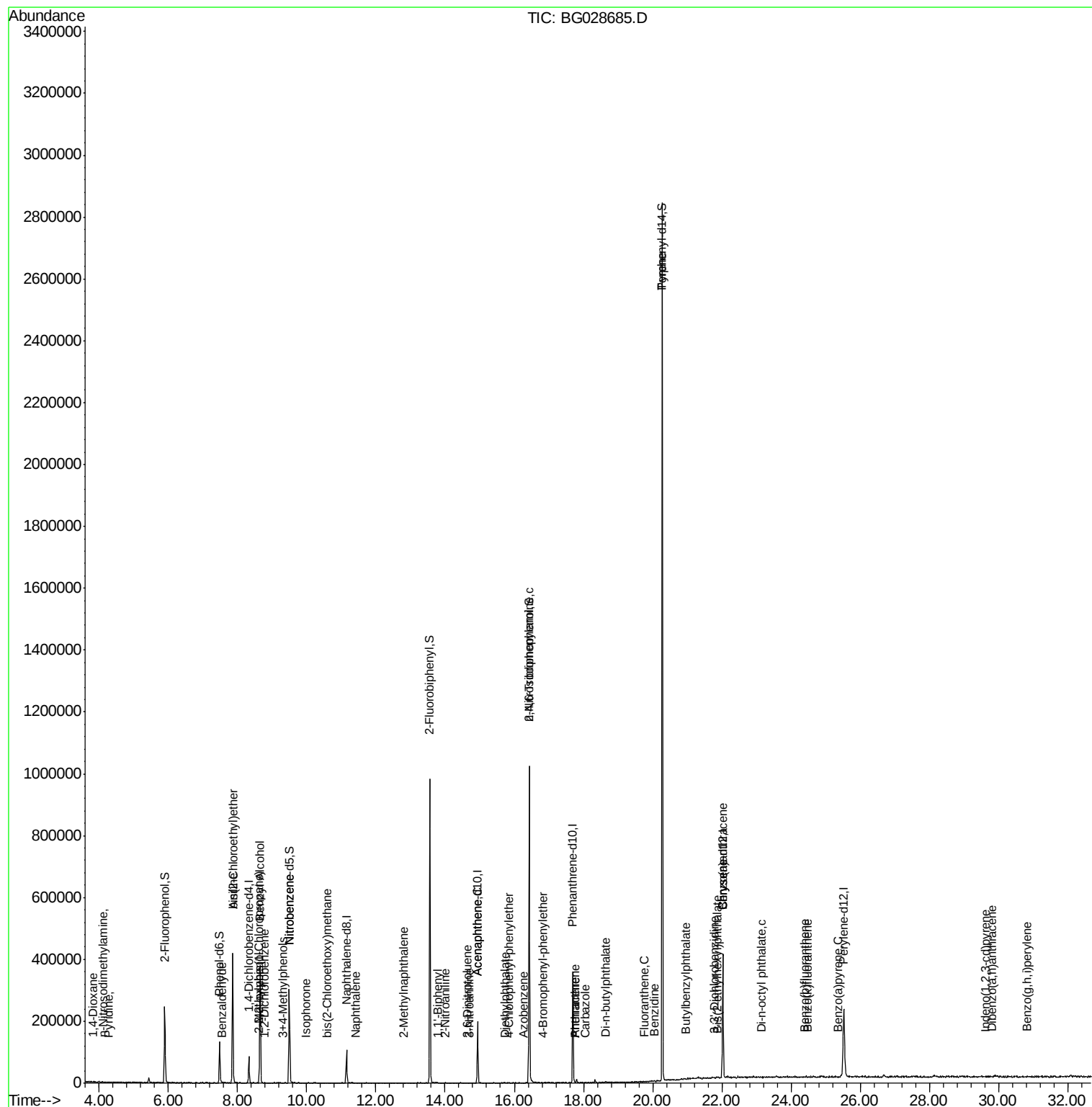
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	22.03	228	992	0.060	ng	# 47
81) 3,3'-Dichlorobenzidine	21.79	252	60	0.009	ng	# 24
82) Chrysene	22.03	228	992	0.063	ng	# 46
83) Bis(2-ethylhexyl)phthalate	21.87	149	1304	0.144	ng	# 51
84) Di-n-octyl phthalate	23.14	149	88	0.006	ng	# 1
85) Indeno(1,2,3-cd)pyrene	29.61	276	61	0.003	ng	# 5
87) Benzo(b)fluoranthene	24.40	252	55	0.003	ng	# 1
88) Benzo(k)fluoranthene	24.48	252	102	0.006	ng	# 56
89) Benzo(a)pyrene	25.36	252	56	0.003	ng	# 58
90) Dibenzo(a,h)anthracene	29.82	278	61	0.004	ng	# 58
91) Benzo(a,h,i)perylene	30.83	276	68	0.004	ng	# 59

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

Instrument :

BNA_G

ClientSampleId :

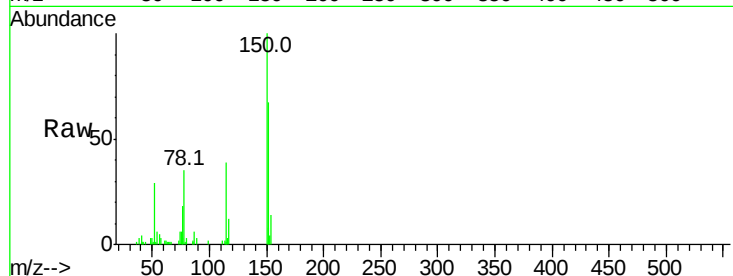
Tot Ion:152 Resp: 23584

Ion Ratio Lower Upper

152 100

150 149.1 114.0 171.0

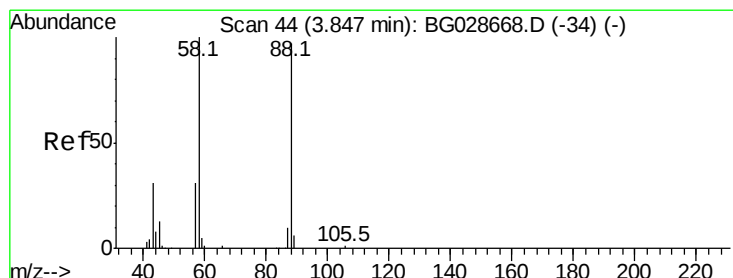
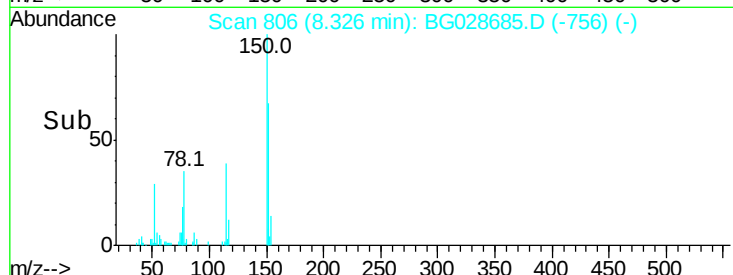
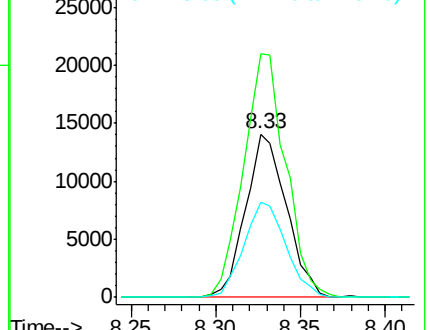
115 58.6 48.1 72.1



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: 0.102 ng

RT: 3.84 min Scan# 42

Delta R.T. -0.01 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

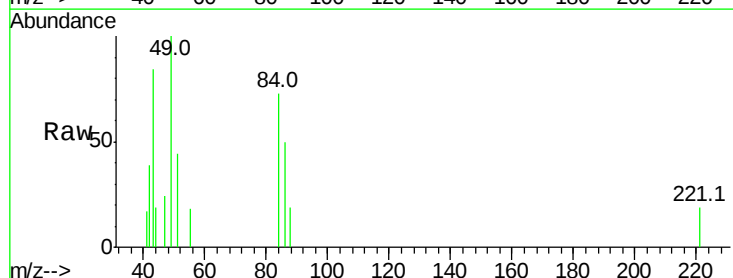
Tgt Ion: 88 Resp: 59

Ion Ratio Lower Upper

88 100

58 183.1 79.4 119.2#

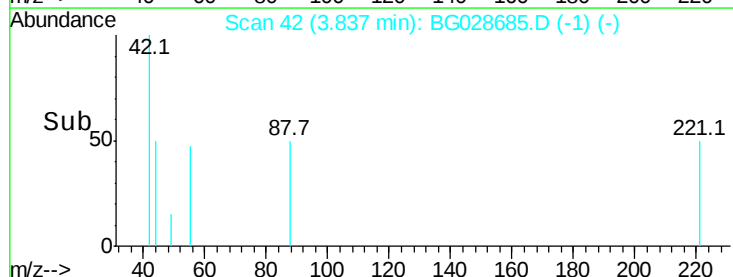
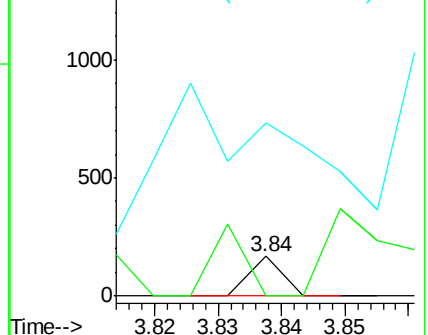
43 1535.6 33.8 50.6#



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: 0.055 ng

RT: 4.29 min Scan# 119

Delta R.T. 0.05 min

Lab File: BG028685.D

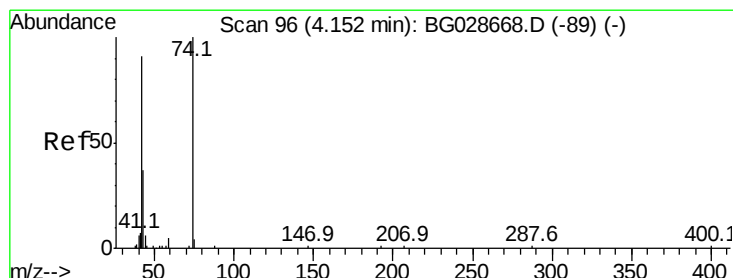
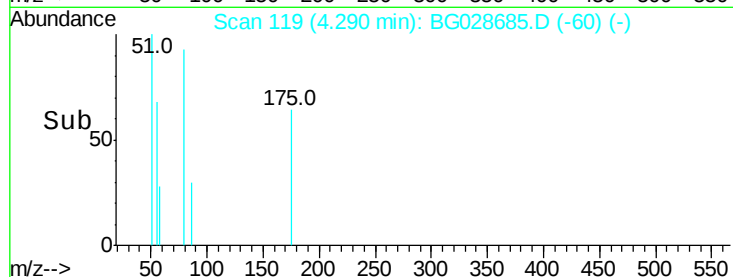
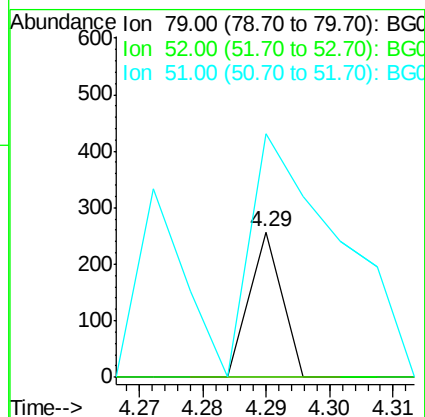
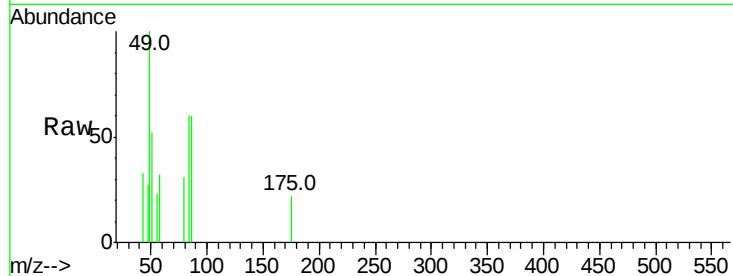
Acq: 13 Sep 2017 1:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	79	Resp:	91
Ion	Ratio	Lower	Upper
79	100		
52	0.0	77.8	116.6#
51	167.7	43.2	64.8#



#4

n-Nitrosodimethylamine

Concen: 0.072 ng

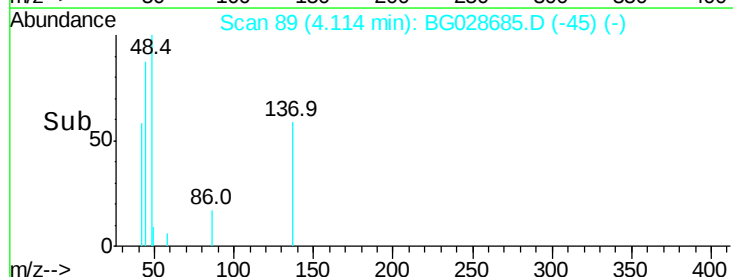
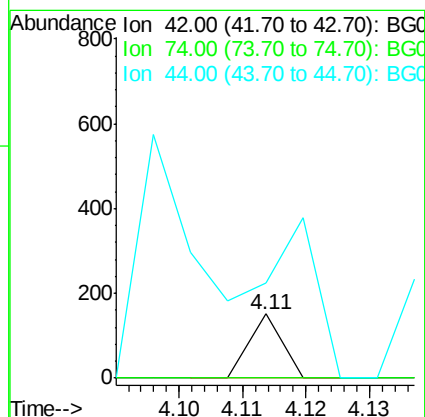
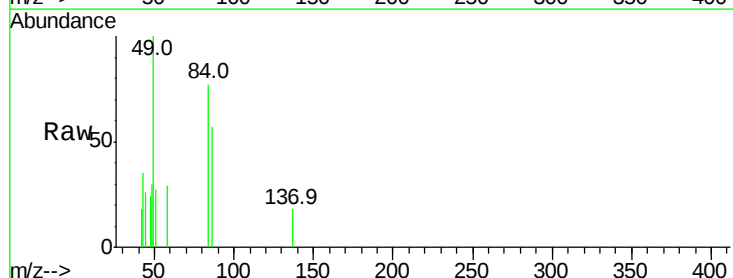
RT: 4.11 min Scan# 89

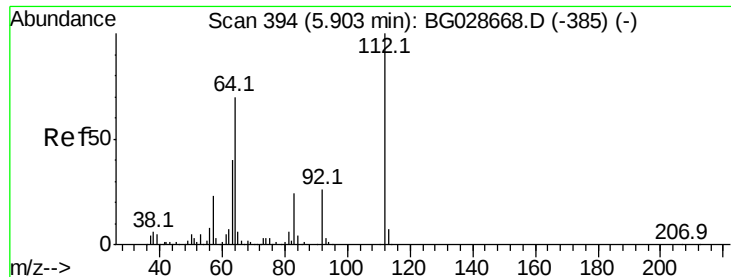
Delta R.T. -0.04 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

Tgt Ion:	42	Resp:	54
Ion	Ratio	Lower	Upper
42	100		
74	0.0	76.7	115.1#
44	148.7	6.1	9.1#





#5

2-Fluorophenol

Concen: 72.874 ng

RT: 5.90 min Scan# 393

Delta R.T. -0.00 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

Instrument :

BNA_G

ClientSampleId :

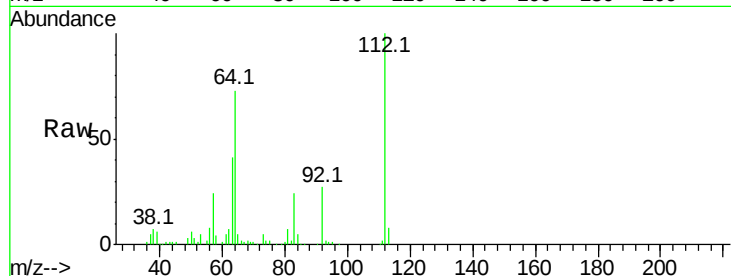
Tot Ion:112 Resp: 104158

Ion Ratio Lower Upper

112 100

64 73.5 61.8 92.6

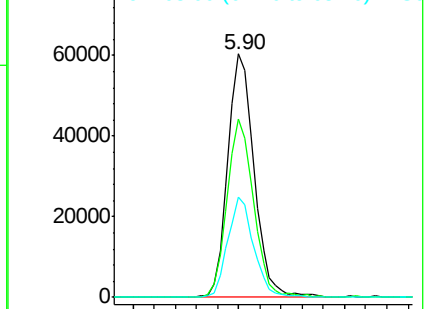
63 41.2 37.2 55.8



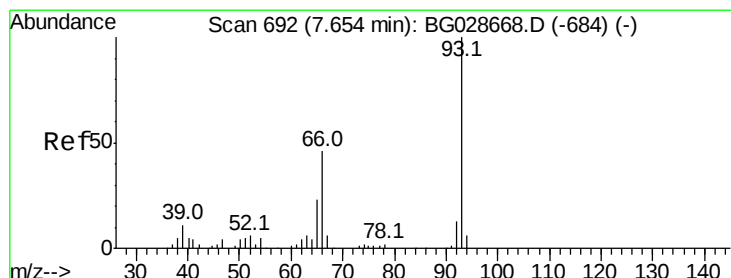
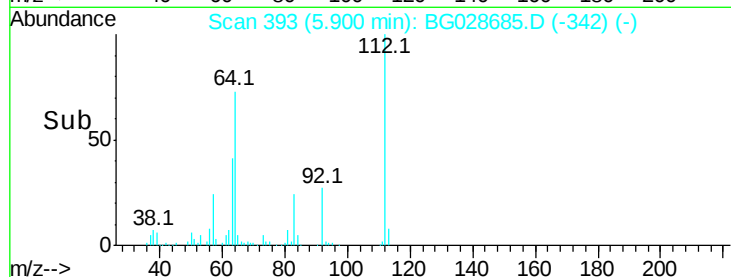
Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



Time-->



#6

Aniline

Concen: 0.207 ng

RT: 7.86 min Scan# 727

Delta R.T. 0.21 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

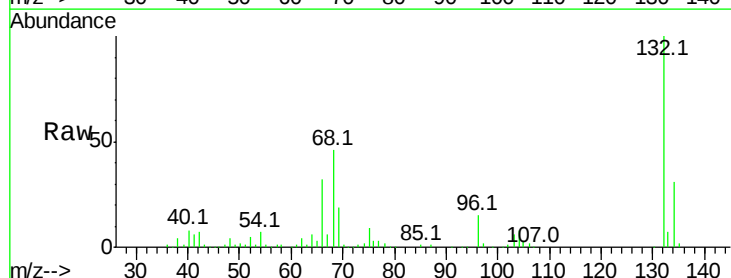
Tgt Ion: 93 Resp: 518

Ion Ratio Lower Upper

93 100

66 9097.7 35.4 53.2#

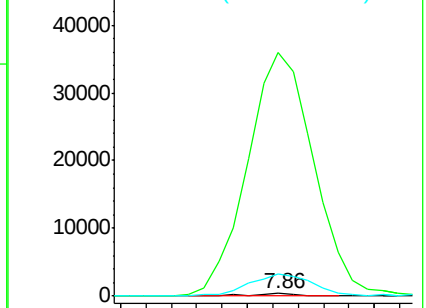
65 835.2 21.2 31.8#



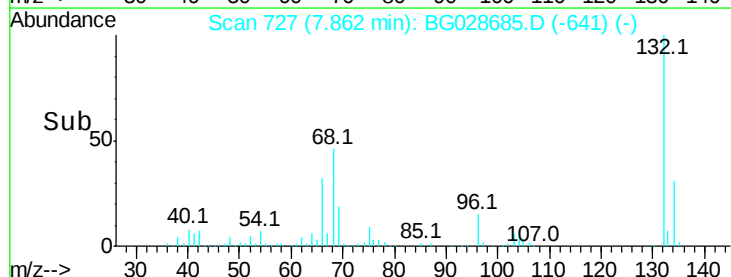
Abundance Ion 93.00 (92.70 to 93.70): BGC

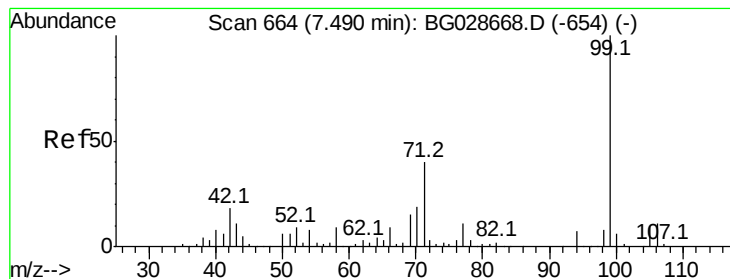
Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



Time-->





#7

Phenol-d6

Concen: 39.088 ng

RT: 7.49 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

Instrument :

BNA_G

ClientSampled :

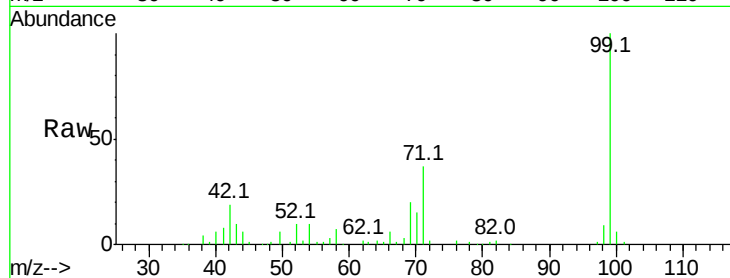
Tot Ion: 99 Resp: 84116

Ion Ratio Lower Upper

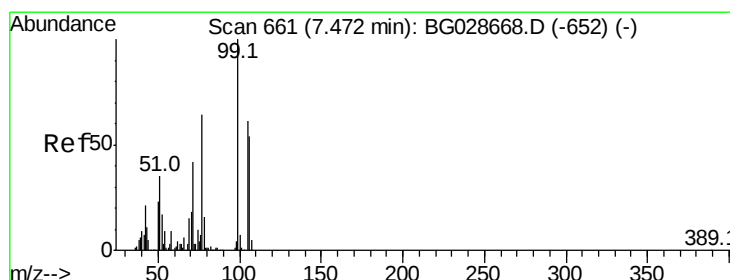
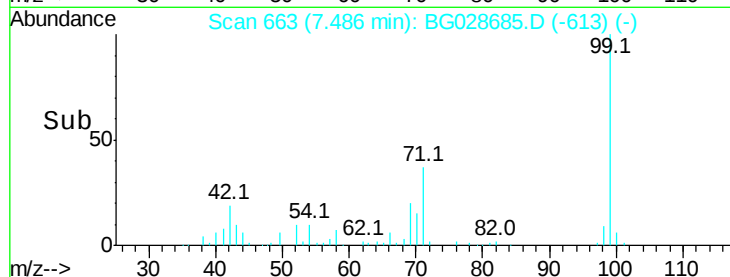
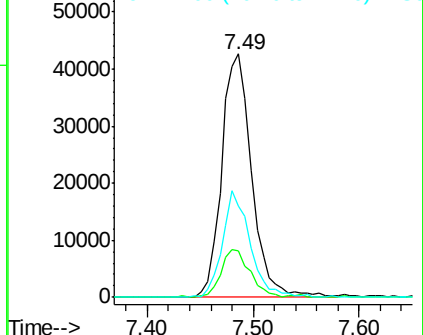
99 100

42 19.3 20.5 30.7#

71 37.3 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: 0.102 ng

RT: 7.55 min Scan# 674

Delta R.T. 0.08 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

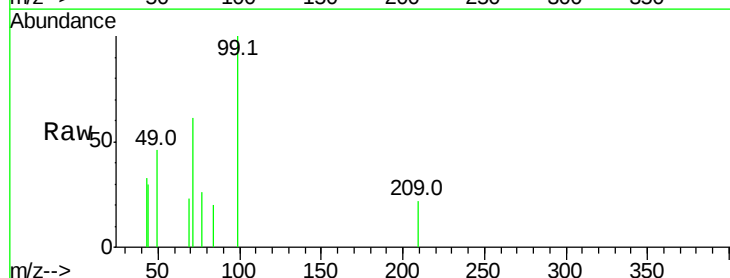
Tgt Ion: 77 Resp: 136

Ion Ratio Lower Upper

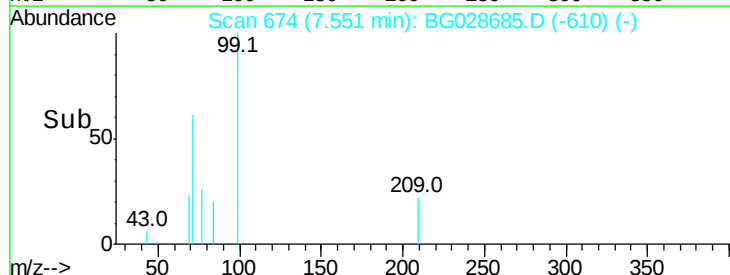
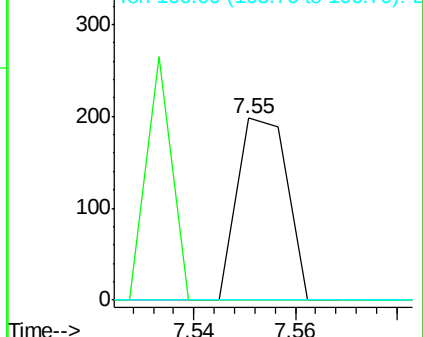
77 100

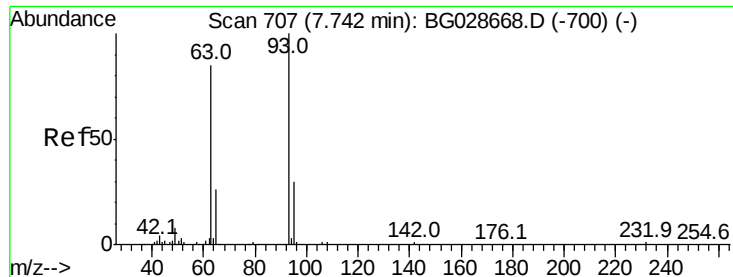
105 0.0 60.9 100.9#

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





#11

bis(2-Chloroethyl)ether

Concen: 0.318 ng

RT: 7.86 min Scan# 727

Delta R.T. 0.12 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

Instrument :

BNA_G

ClientSampleId :

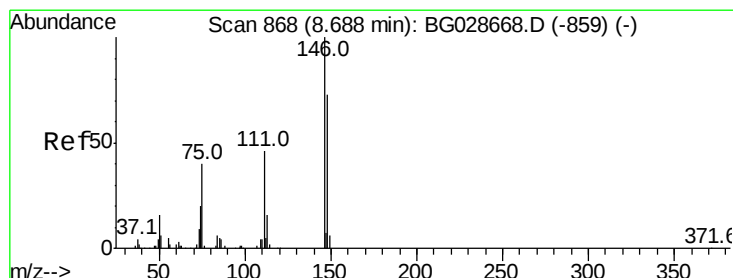
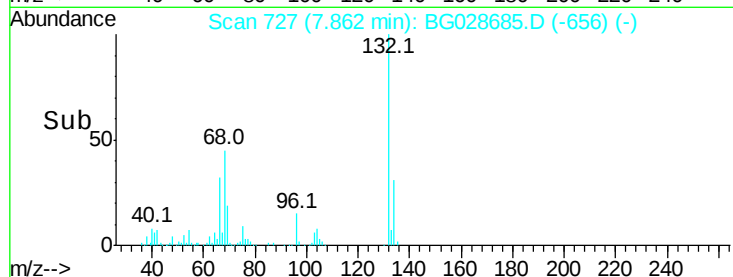
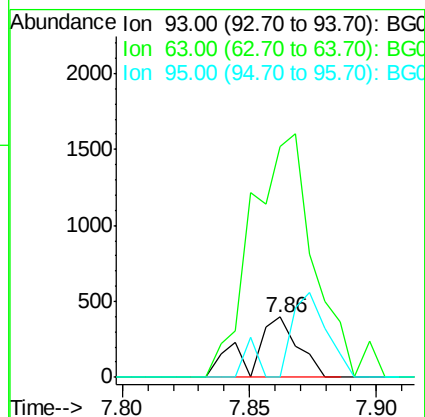
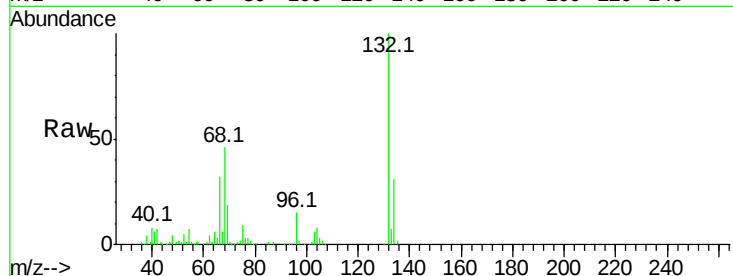
Tot Ion: 93 Resp: 518

Ion Ratio Lower Upper

93 100

63 385.3 78.5 118.5#

95 0.0 9.8 49.8#



#14

1,2-Dichlorobenzene

Concen: 0.032 ng

RT: 8.78 min Scan# 884

Delta R.T. 0.10 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

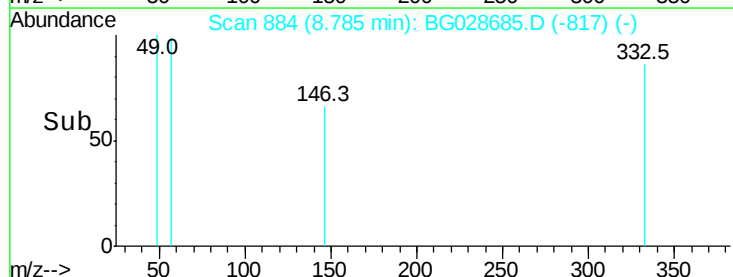
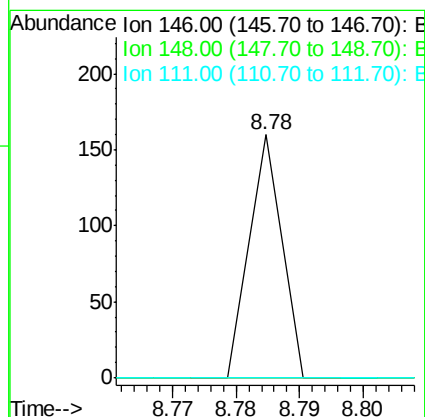
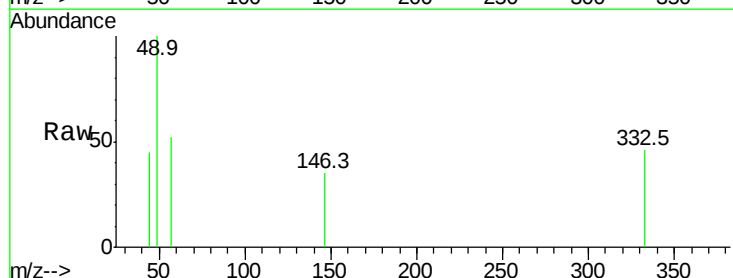
Tgt Ion: 146 Resp: 56

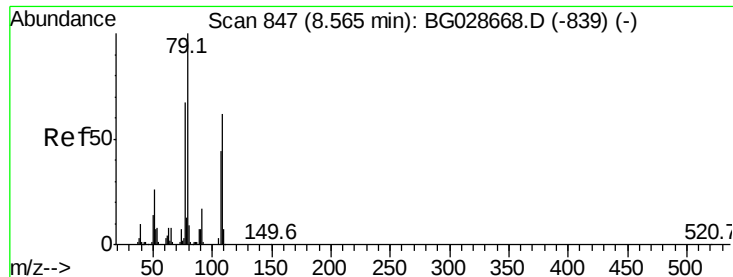
Ion Ratio Lower Upper

146 100

148 0.0 54.6 81.8#

111 0.0 39.7 59.5#





#15

Benzyl Alcohol

Concen: 2.051 ng

RT: 8.66 min Scan# 862

Delta R.T. 0.09 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

Instrument :

BNA_G

ClientSampleId :

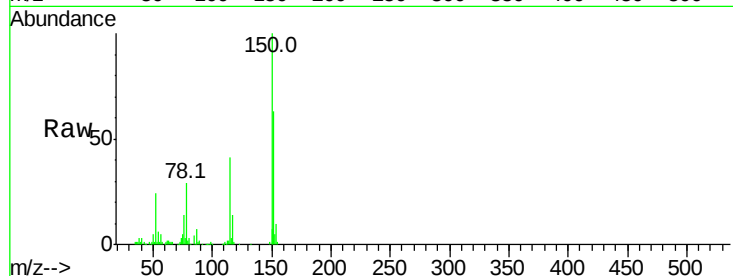
Tot Ion: 79 Resp: 3445

Ion Ratio Lower Upper

79 100

108 21.9 45.5 68.3#

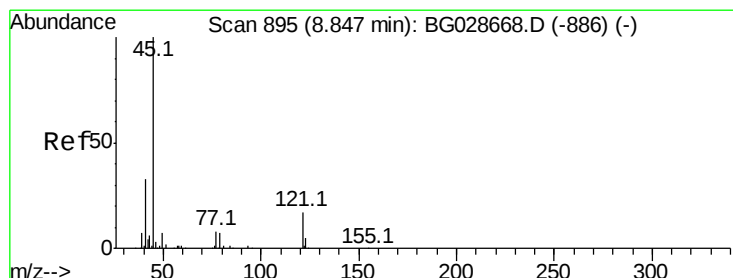
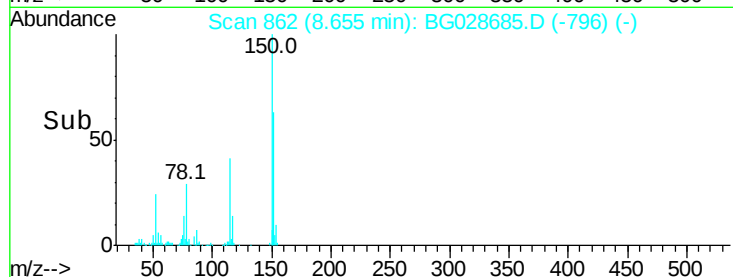
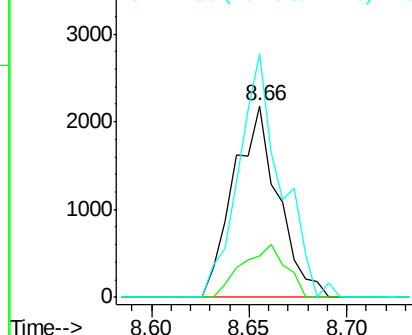
77 127.4 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.040 ng

RT: 8.63 min Scan# 857

Delta R.T. -0.22 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

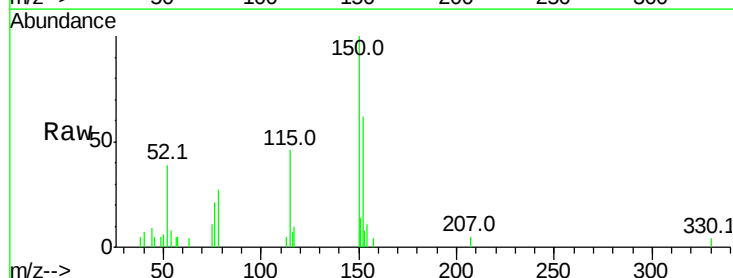
Tgt Ion: 45 Resp: 118

Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.6

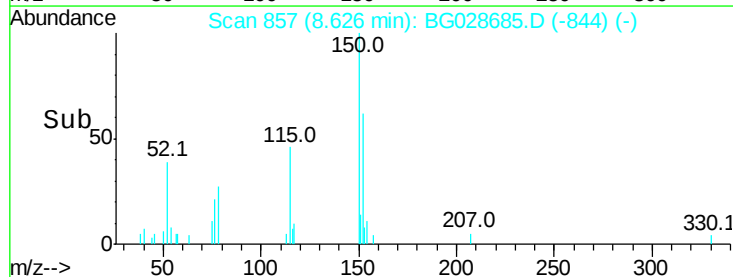
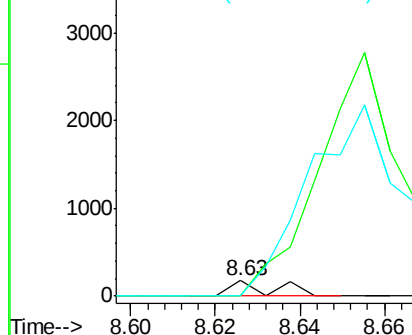
79 0.0 0.0 28.5

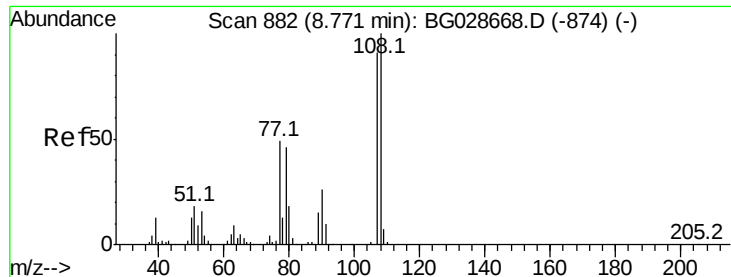


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 0.038 ng

RT: 8.62 min Scan# 856

Delta R.T. -0.15 min

Lab File: BG028685.D

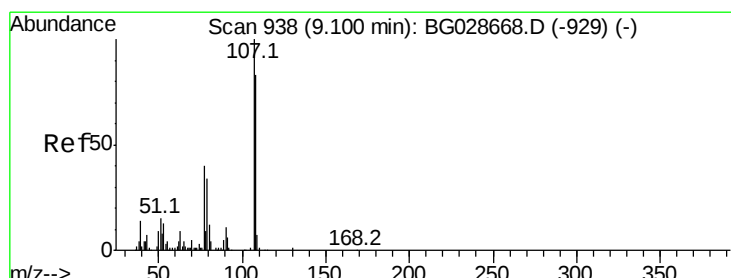
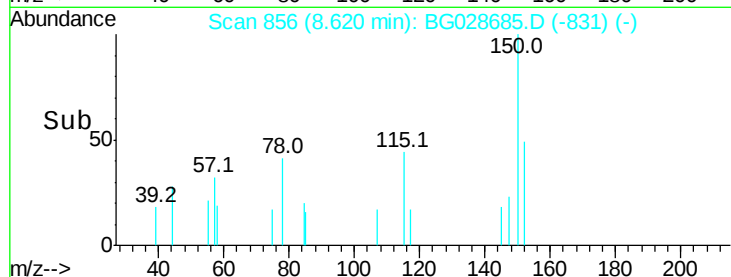
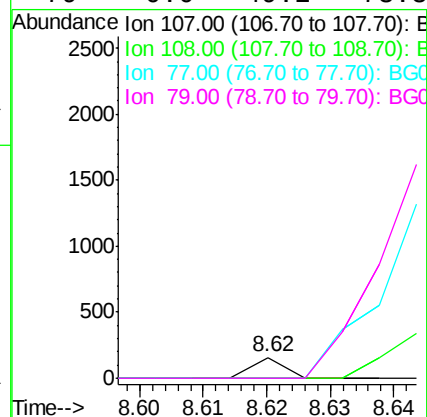
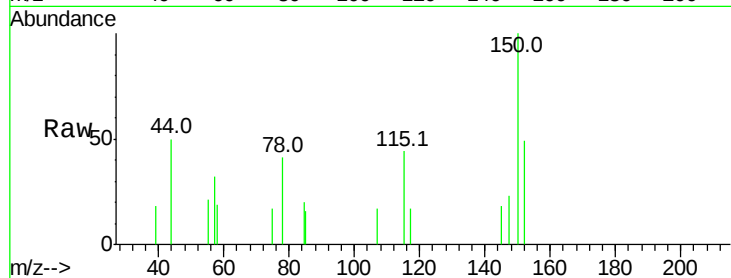
Acq: 13 Sep 2017 1:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	56
Ion	Ratio	Lower	Upper
107	100		
108	0.0	85.6	128.4#
77	0.0	51.4	77.2#
79	0.0	49.2	73.8#



#20

3+4-Methylphenols

Concen: 0.026 ng

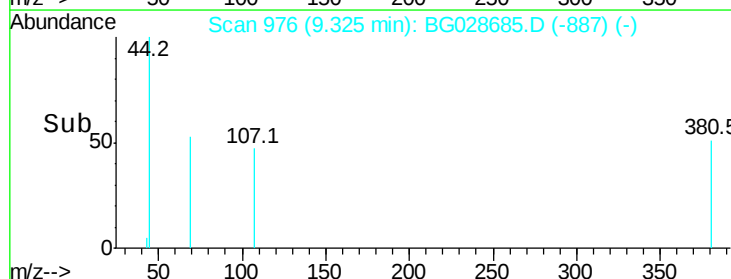
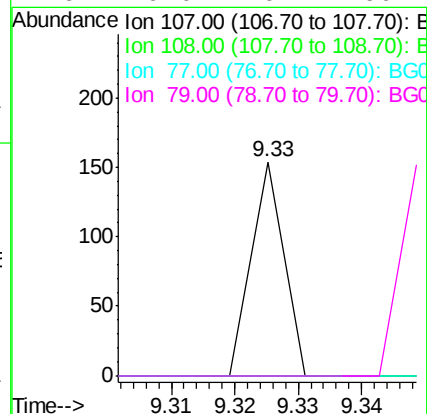
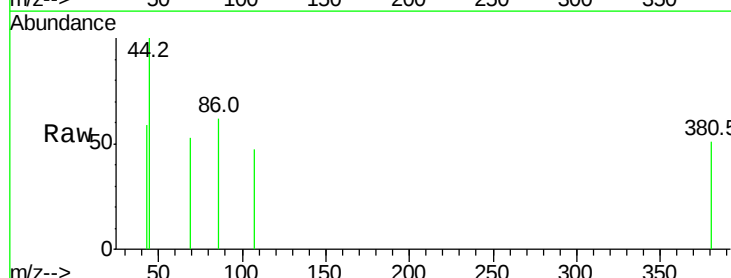
RT: 9.33 min Scan# 976

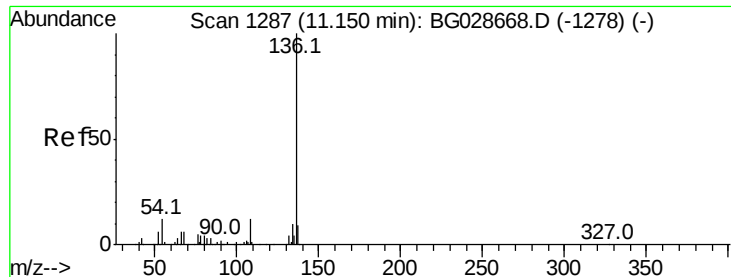
Delta R.T. 0.23 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

Tgt Ion:	107	Resp:	54
Ion	Ratio	Lower	Upper
107	100		
108	0.0	70.8	110.8#
77	0.0	25.8	65.8#
79	0.0	20.1	60.1#

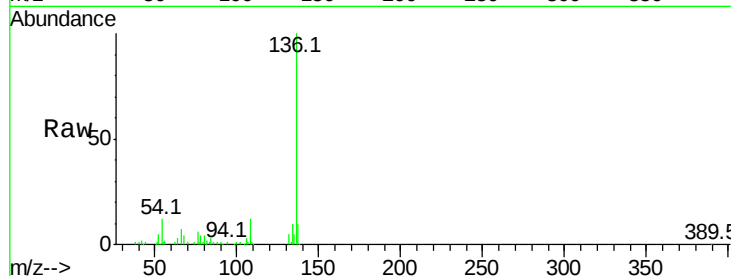




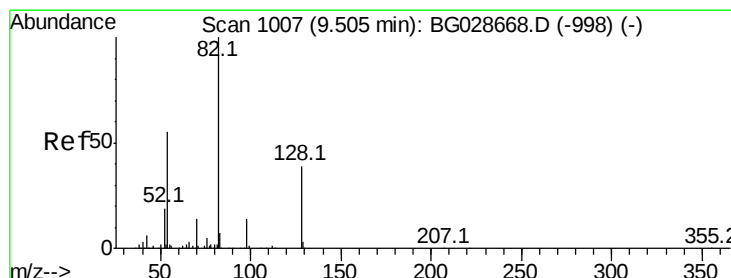
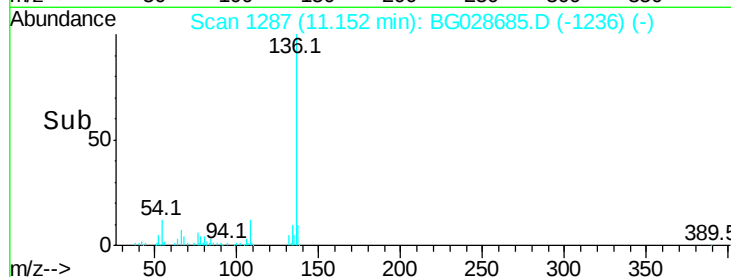
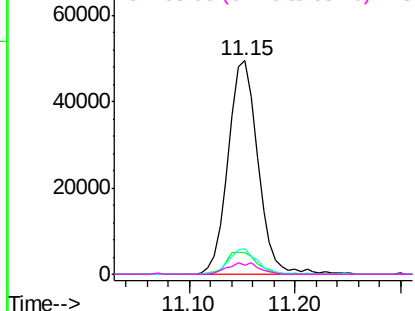
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BG028685.D
Acq: 13 Sep 2017 1:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.9	13.3
54	12.1	9.3	13.9
68	4.0	5.1	7.7#

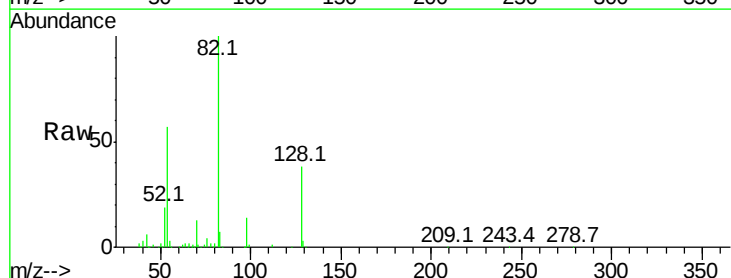


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

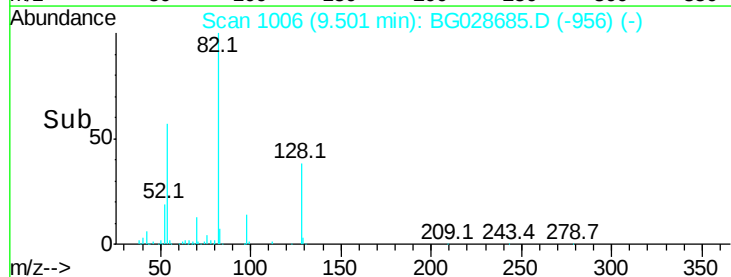
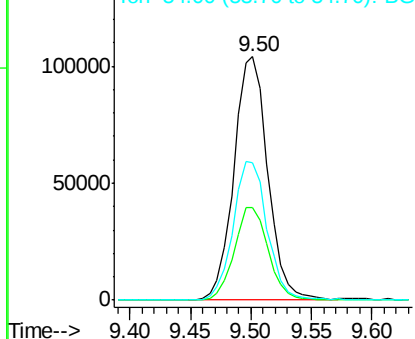


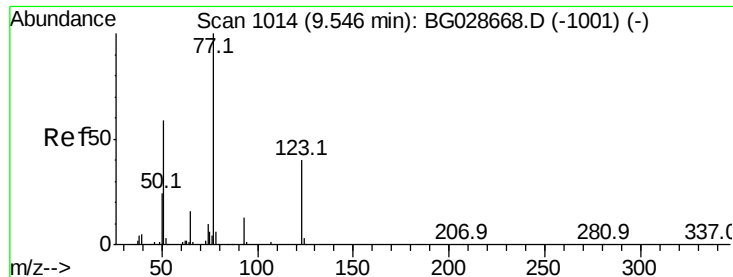
#23
Nitrobenzene-d5
Concen: 100.583 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG028685.D
Acq: 13 Sep 2017 1:07

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.0	26.4	39.6
54	56.6	49.4	74.2



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

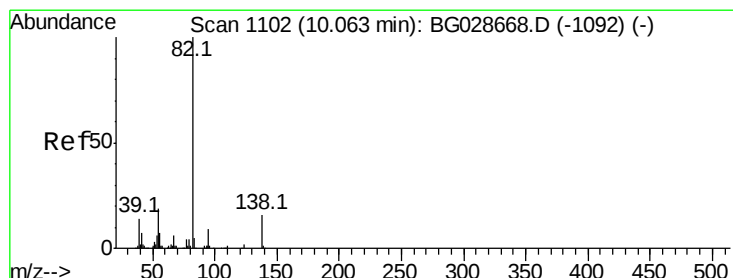
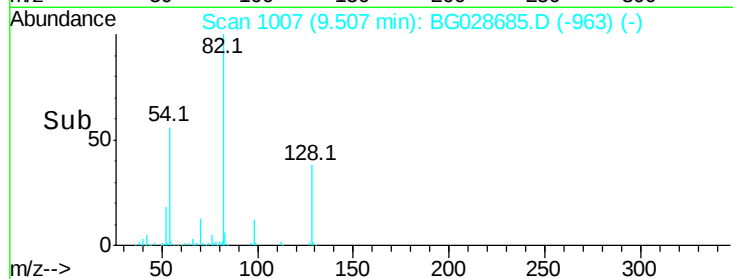
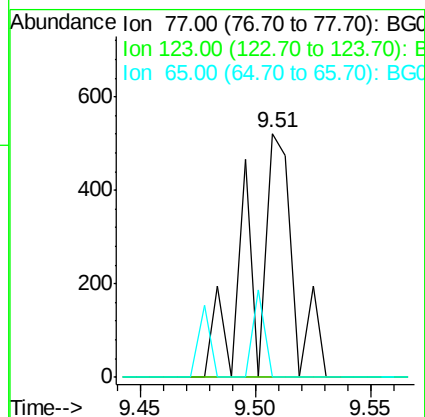
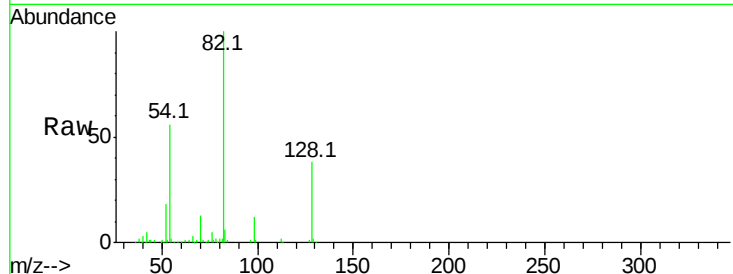




#24
Nitrobenzene
Concen: 0.291 ng
RT: 9.51 min Scan# 1007
Delta R.T. -0.04 min
Lab File: BG028685.D
Acq: 13 Sep 2017 1:07

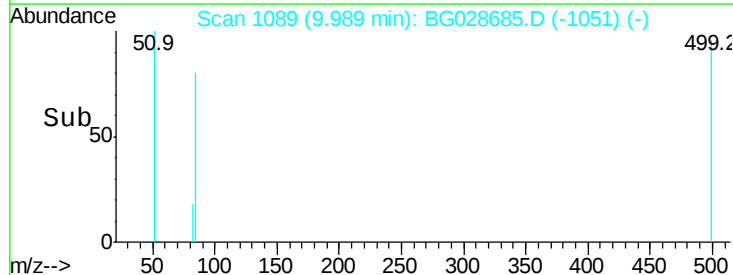
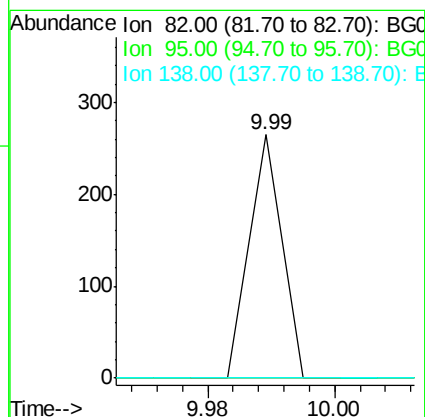
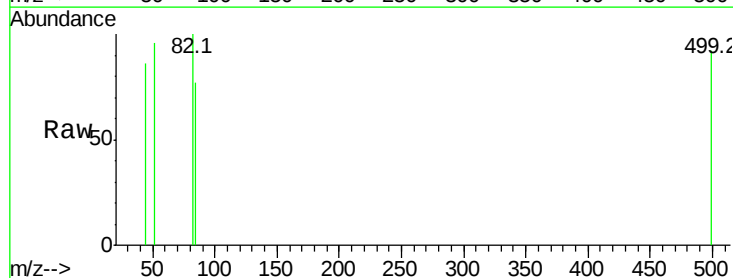
Instrument :
BNA_G
ClientSampleId :

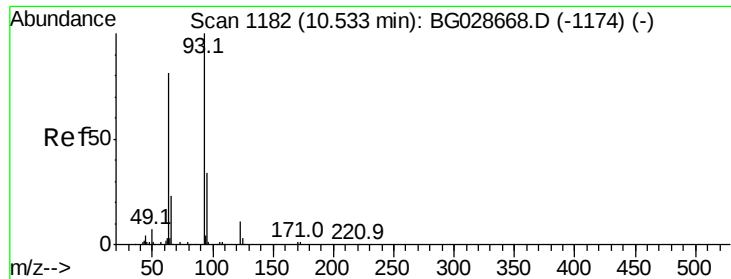
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	26.1	39.1#
65	0.0	12.4	18.6#



#25
Isophorone
Concen: 0.023 ng
RT: 9.99 min Scan# 1089
Delta R.T. -0.07 min
Lab File: BG028685.D
Acq: 13 Sep 2017 1:07

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	7.5	11.3#
138	0.0	12.3	18.5#





#28

bis(2-Chloroethoxy)methane

Concen: 0.024 ng

RT: 10.59 min Scan# 1192

Delta R.T. 0.06 min

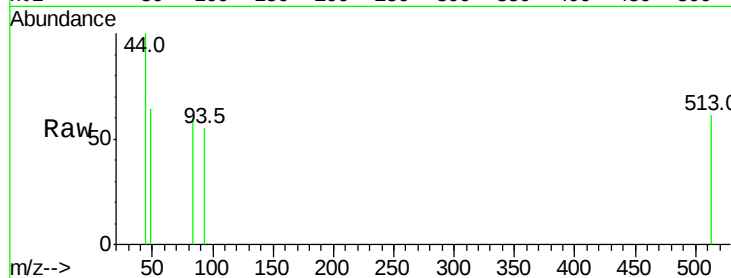
Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

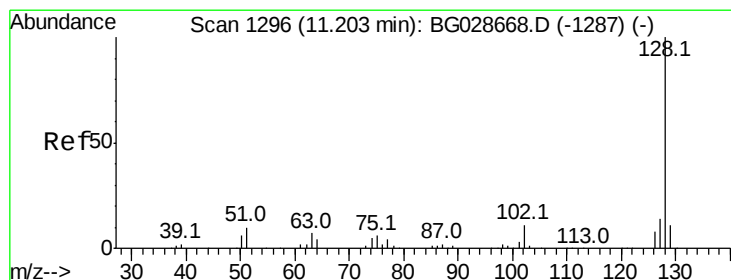
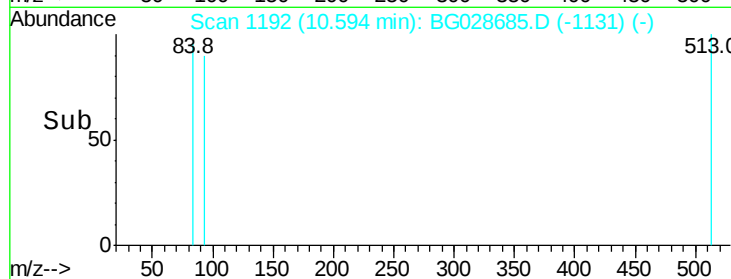
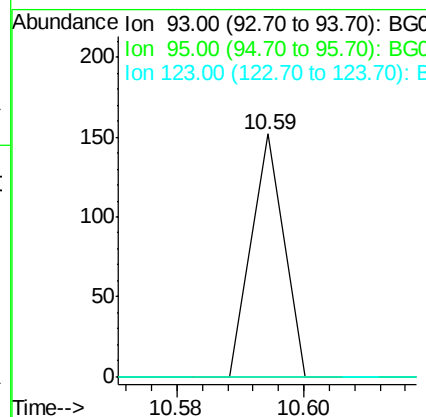
Instrument :

BNA_G

ClientSampleId :



Tot Ion:	93	Resp:	54
Ion	Ratio	Lower	Upper
93	100		
95	0.0	25.7	38.5#
123	0.0	8.3	12.5#



#31

Naphthalene

Concen: 0.011 ng

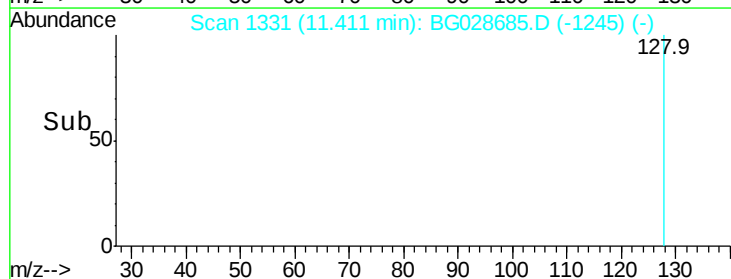
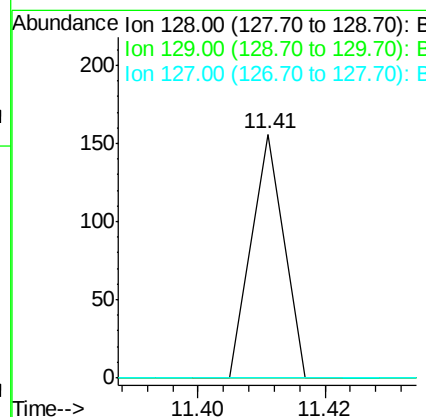
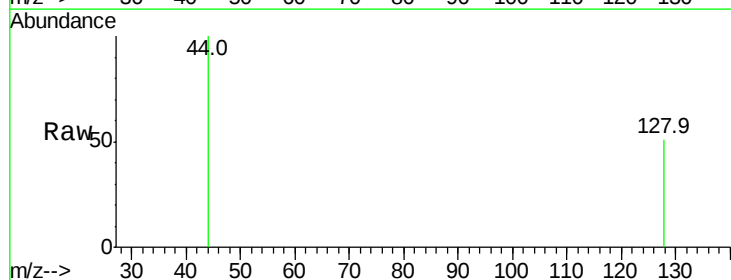
RT: 11.41 min Scan# 1331

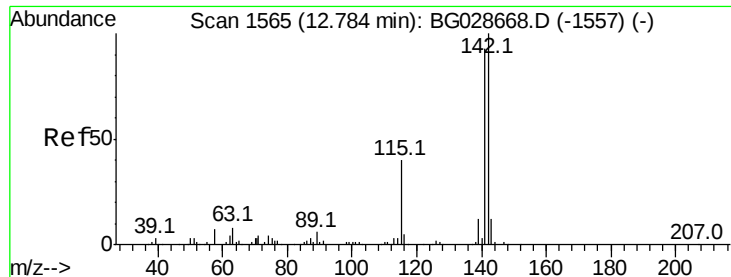
Delta R.T. 0.21 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

Tgt Ion:	128	Resp:	55
Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.3	13.9#
127	0.0	11.4	17.0#

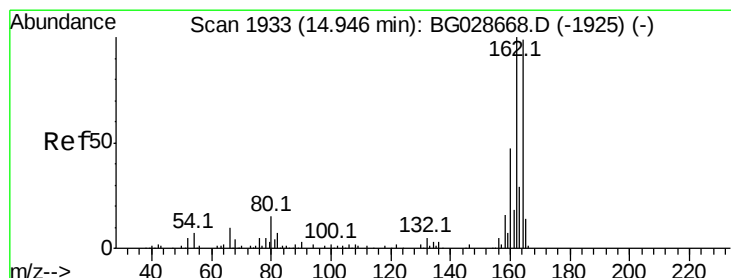
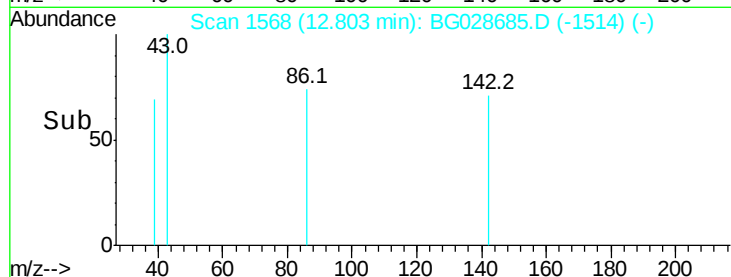
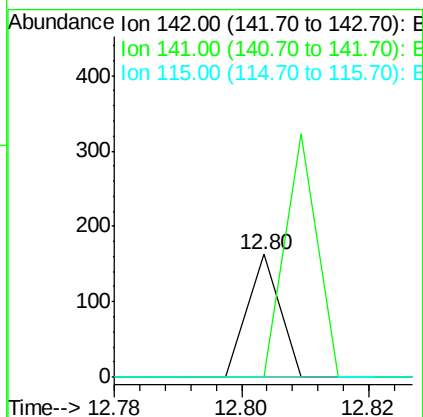
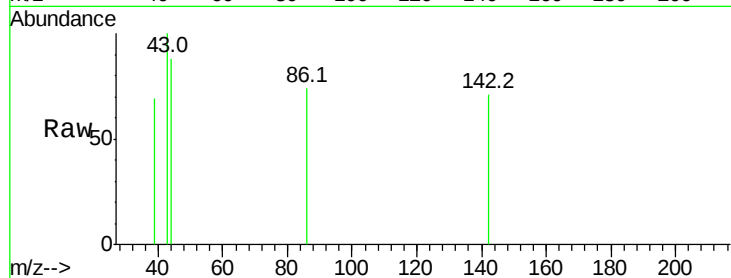




#37
2-Methylnaphthalene
Concen: 0.015 ng
RT: 12.80 min Scan# 1568
Delta R.T. 0.02 min
Lab File: BG028685.D
Acq: 13 Sep 2017 1:07

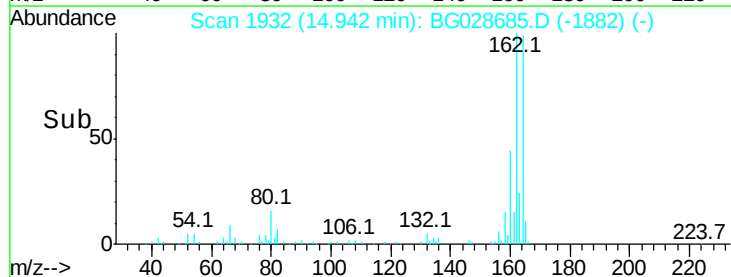
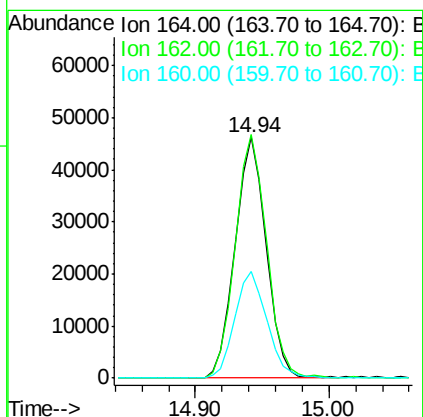
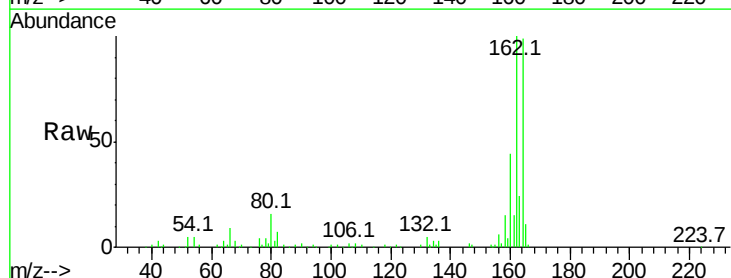
Instrument :
BNA_G
ClientSampleId :

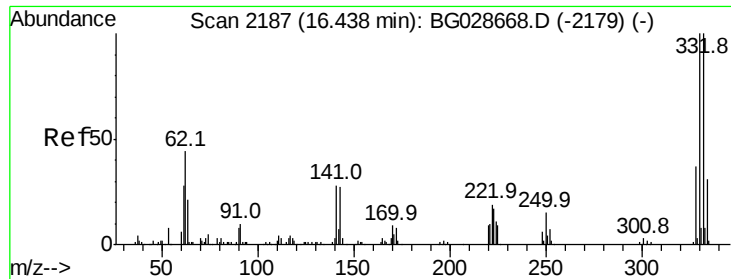
Tot Ion:142 Resp: 57
Ion Ratio Lower Upper
142 100
141 0.0 70.4 105.6#
115 0.0 35.5 53.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG028685.D
Acq: 13 Sep 2017 1:07

Tgt Ion:164 Resp: 74721
Ion Ratio Lower Upper
164 100
162 101.2 85.1 127.7
160 44.5 34.7 52.1

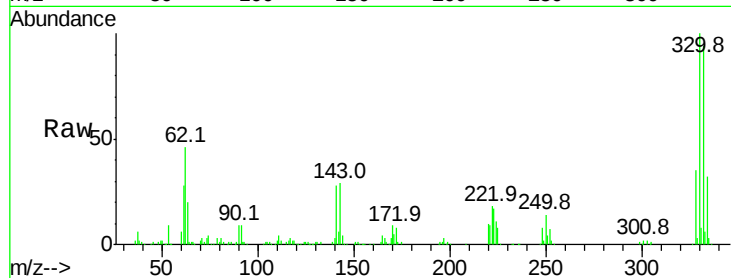




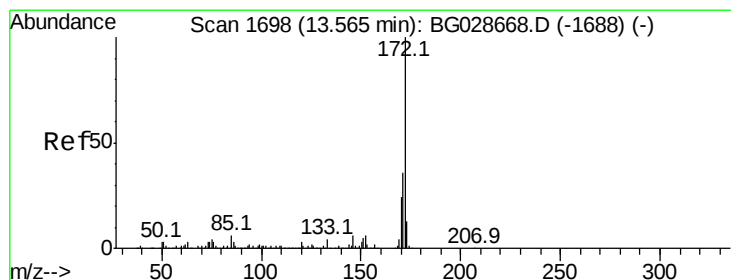
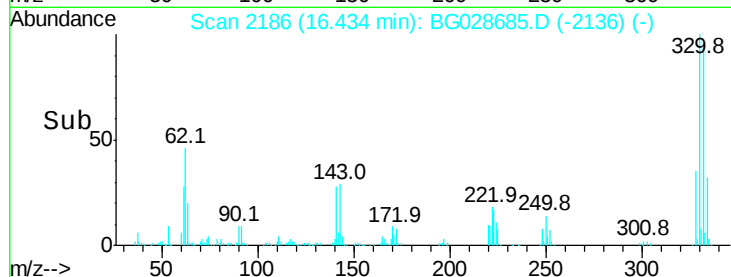
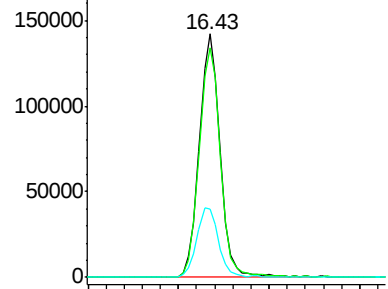
#41
 2,4,6-Tribromophenol
 Concen: 183.369 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BG028685.D
 Acq: 13 Sep 2017 1:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	29.9	32.1	48.1#

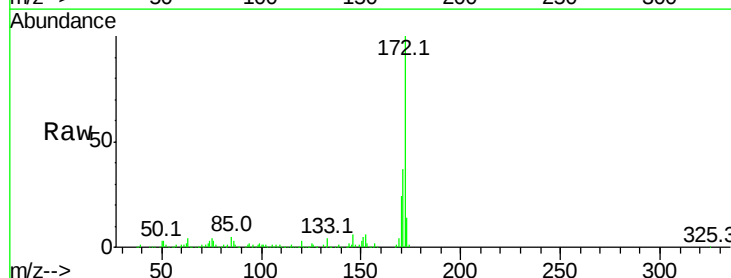


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

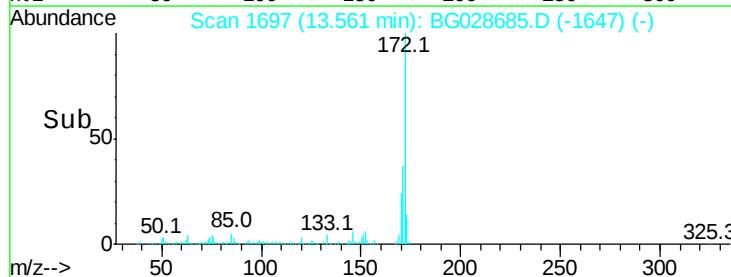
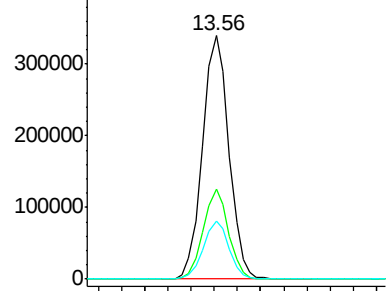


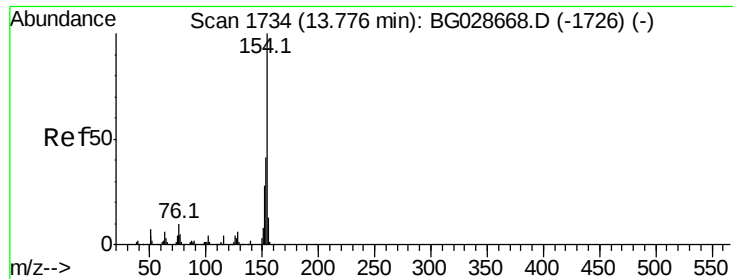
#44
 2-Fluorobiphenyl
 Concen: 96.060 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG028685.D
 Acq: 13 Sep 2017 1:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	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: 0.129 ng

RT: 13.78 min Scan# 1734

Delta R.T. 0.00 min

Lab File: BG028685.D

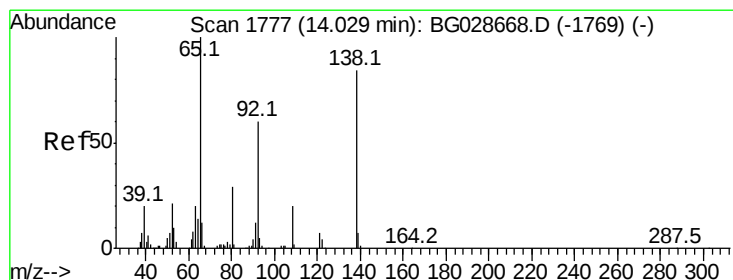
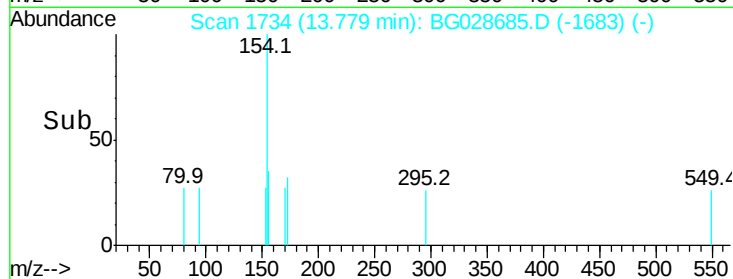
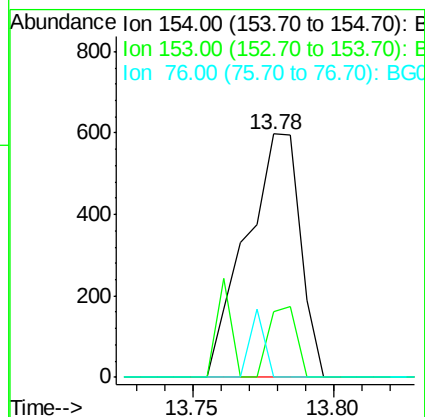
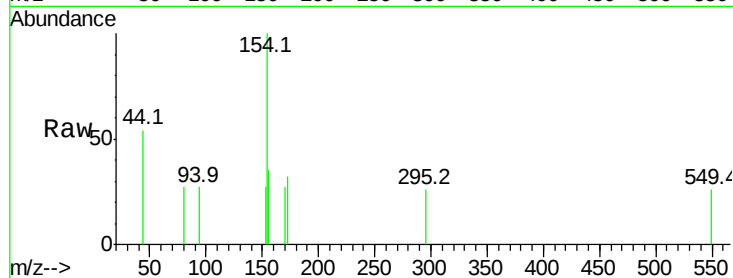
Acq: 13 Sep 2017 1:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	154	Resp:	795
Ion	Ratio	Lower	Upper
154	100		
153	26.8	23.0	63.0
76	0.0	0.0	33.5



#47

2-Nitroaniline

Concen: 0.040 ng

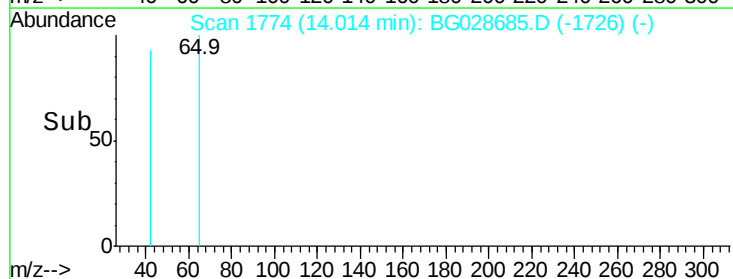
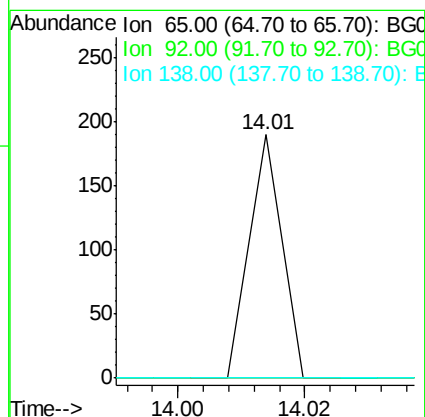
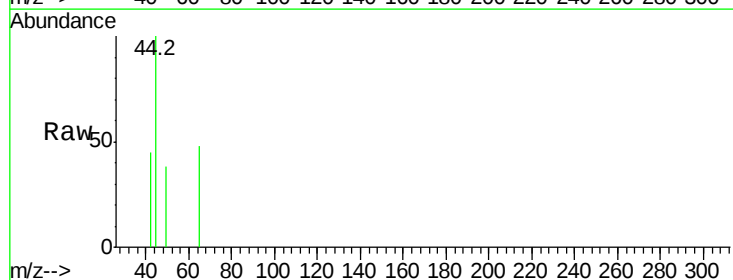
RT: 14.01 min Scan# 1774

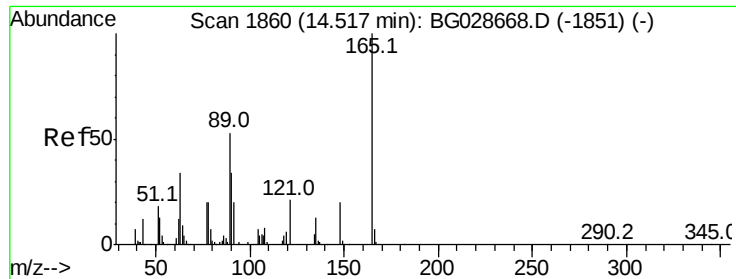
Delta R.T. -0.02 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

Tgt Ion:	65	Resp:	67
Ion	Ratio	Lower	Upper
65	100		
92	0.0	49.0	73.4#
138	0.0	58.6	87.8#

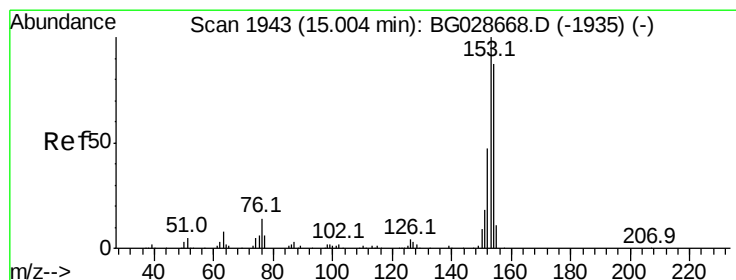
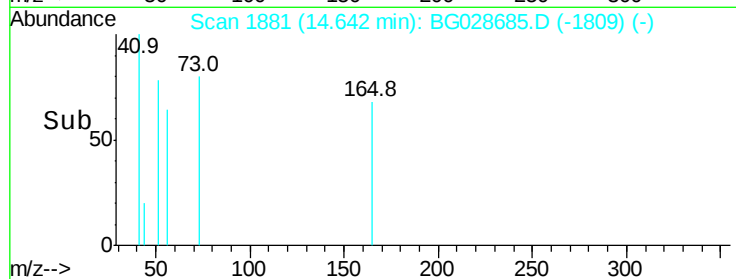
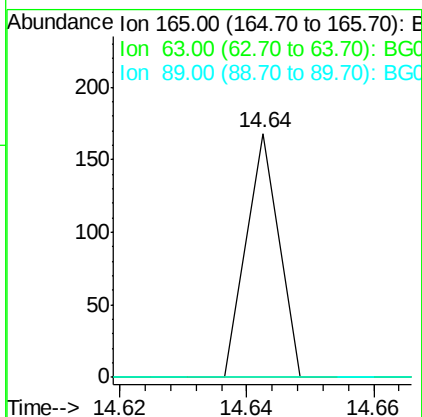
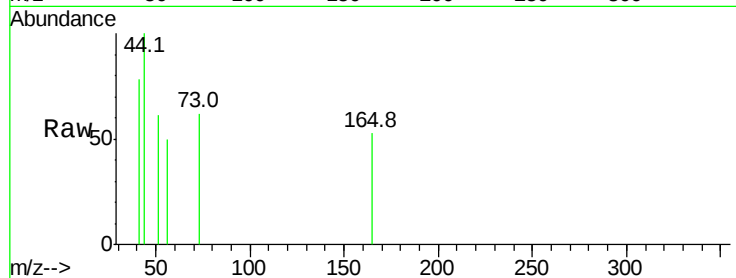




#50
2,6-Dinitrotoluene
Concen: 0.042 ng
RT: 14.64 min Scan# 1881
Delta R.T. 0.13 min
Lab File: BG028685.D
Acq: 13 Sep 2017 1:07

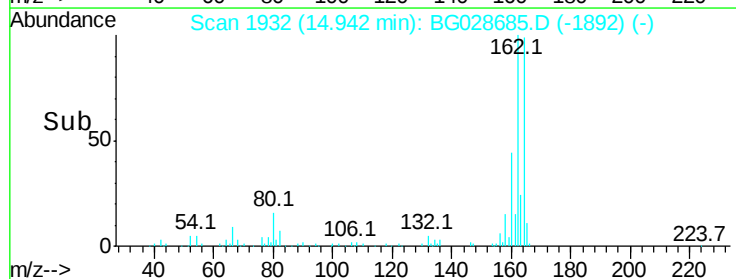
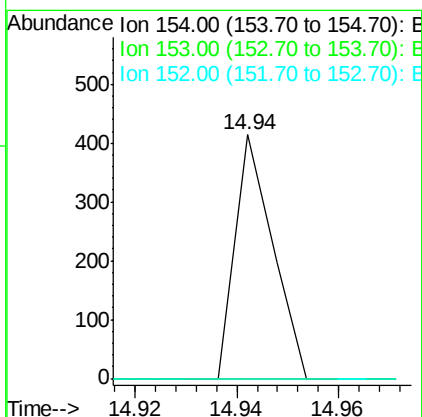
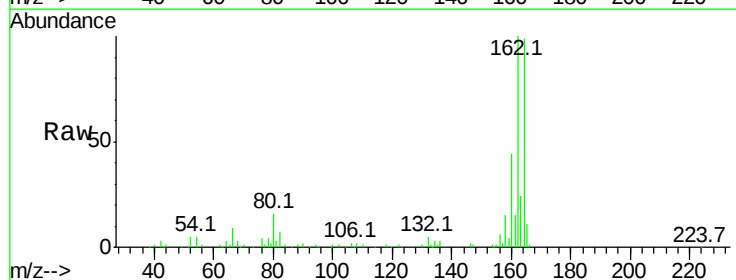
Instrument :
BNA_G
ClientSampleId :

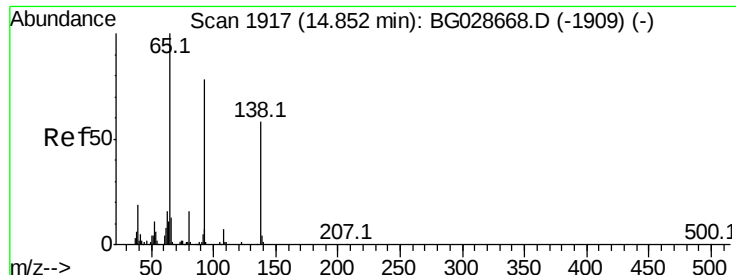
Tot Ion:165 Resp: 59
Ion Ratio Lower Upper
165 100
63 0.0 63.9 95.9#
89 0.0 58.6 88.0#



#51
Acenaphthene
Concen: 0.049 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.06 min
Lab File: BG028685.D
Acq: 13 Sep 2017 1:07

Tgt Ion:154 Resp: 216
Ion Ratio Lower Upper
154 100
153 62.6 87.8 131.6#
152 0.0 42.2 63.4#





#52

3-Nitroaniline

Concen: 0.065 ng

RT: 14.71 min Scan# 1892

Delta R.T. -0.14 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

Instrument :

BNA_G

ClientSampleId :

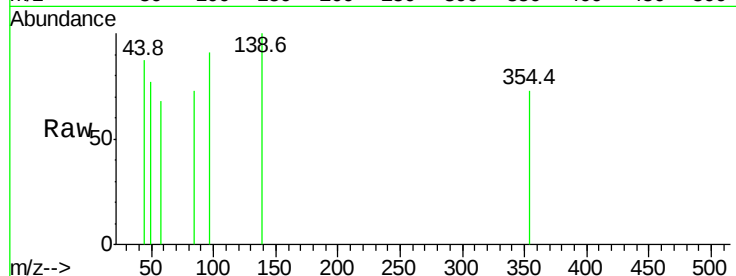
Tot Ion:138 Resp: 80

Ion Ratio Lower Upper

138 100

108 0.0 10.9 16.3#

92 0.0 115.3 172.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B

14.71

250

200

150

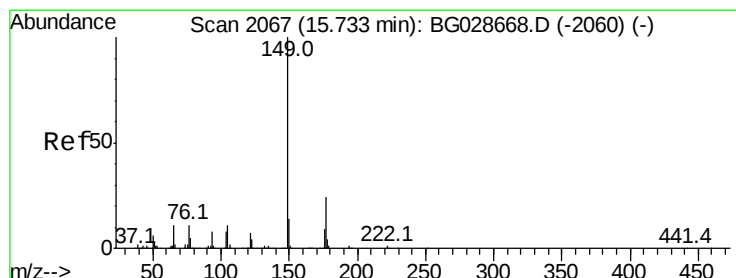
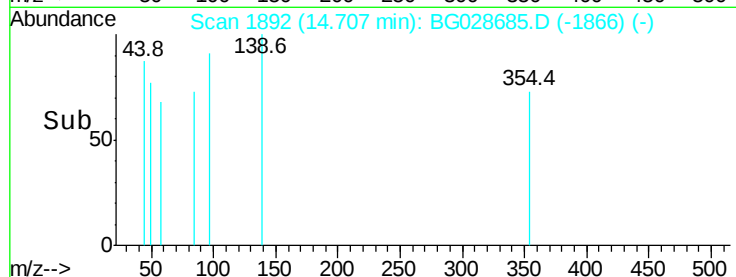
100

50

0

14.70 14.72

Time-->



#59

Diethylphthalate

Concen: 0.032 ng

RT: 15.74 min Scan# 2068

Delta R.T. 0.01 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

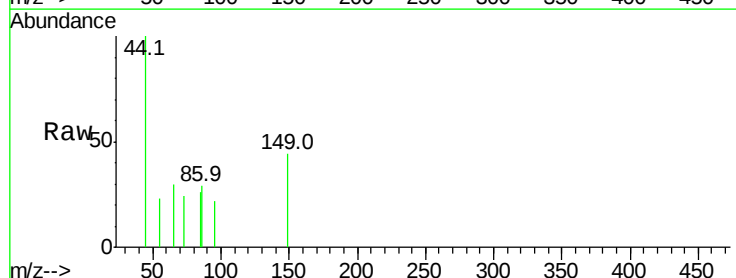
Tgt Ion:149 Resp: 205

Ion Ratio Lower Upper

149 100

177 0.0 20.1 30.1#

150 0.0 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

15.74

400

300

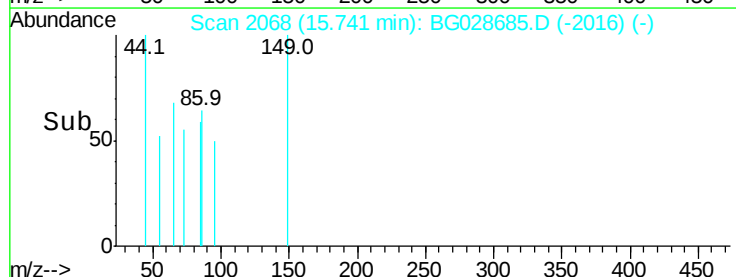
200

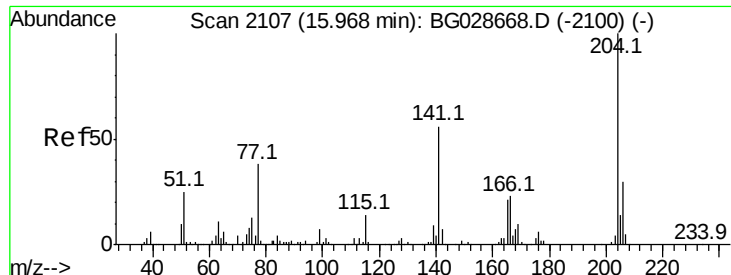
100

0

15.72 15.74 15.76

Time-->

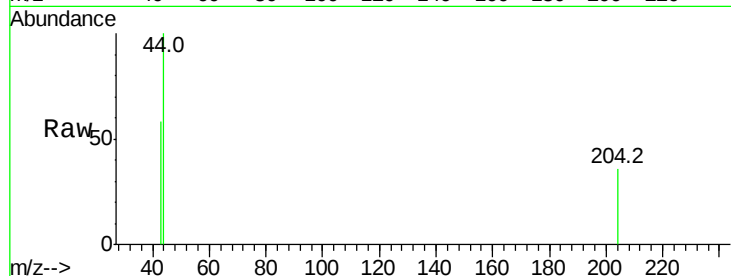




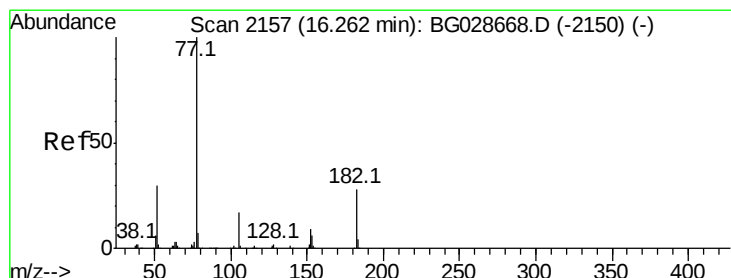
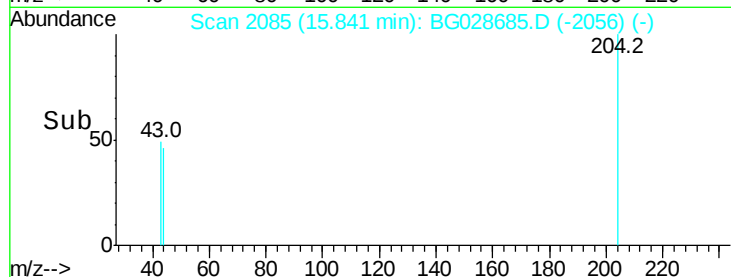
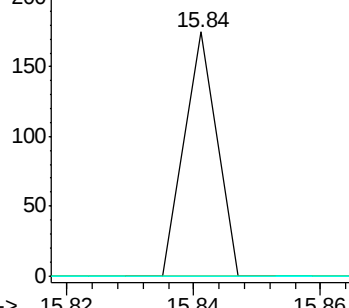
#60
4-Chlorophenyl-phenylether
Concen: 0.017 ng
RT: 15.84 min Scan# 2085
Delta R.T. -0.13 min
Lab File: BG028685.D
Acq: 13 Sep 2017 1:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 62
Ion Ratio Lower Upper
204 100
206 0.0 30.1 45.1#
141 0.0 50.6 76.0#

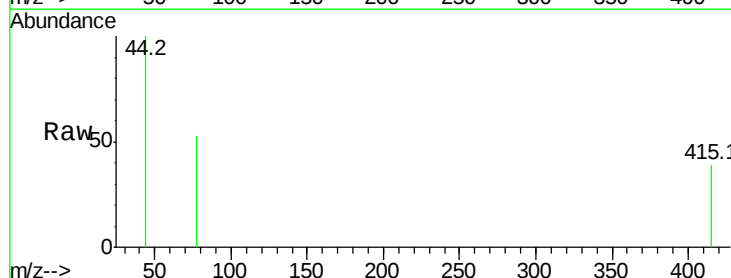


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

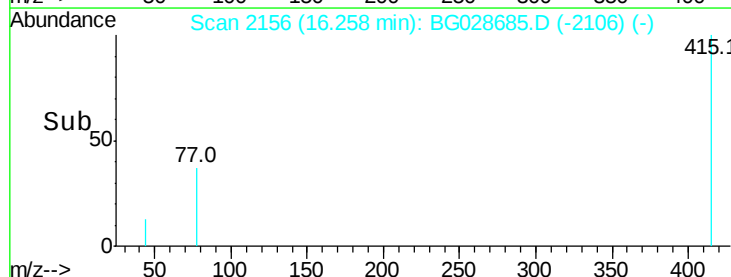
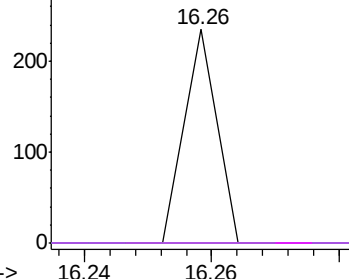


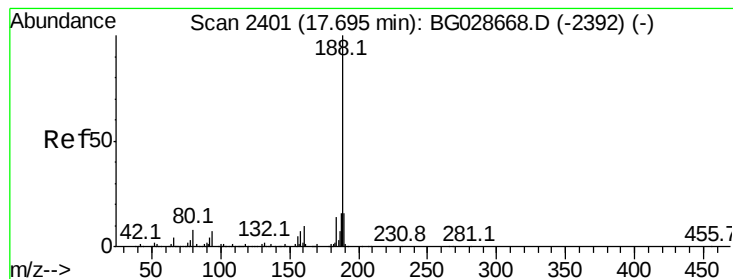
#62
Azobenzene
Concen: 0.015 ng
RT: 16.26 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG028685.D
Acq: 13 Sep 2017 1:07

Tgt Ion: 77 Resp: 83
Ion Ratio Lower Upper
77 100
182 0.0 4.7 44.7#
105 0.0 0.0 36.3
51 0.0 16.4 56.4#



Abundance Ion 77.00 (76.70 to 77.70): BGC
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): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

Instrument :

BNA_G

ClientSampleId :

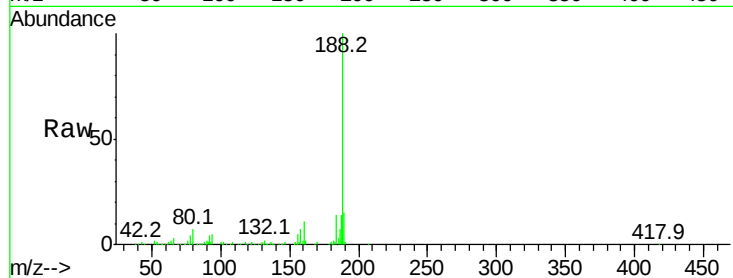
Tot Ion:188 Resp: 234158

Ion Ratio Lower Upper

188 100

94 5.1 5.8 8.8#

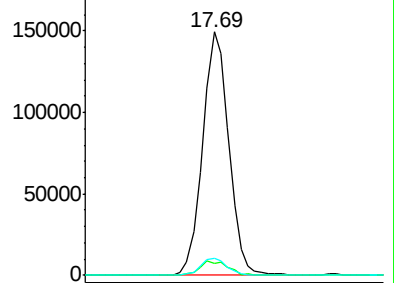
80 7.1 7.5 11.3#



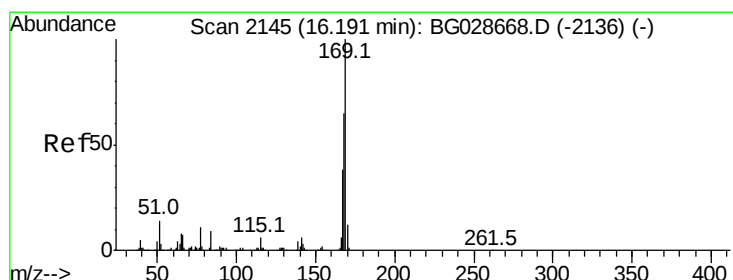
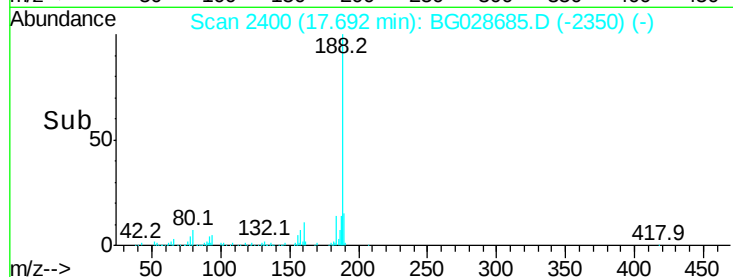
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#65

n-Nitrosodiphenylamine

Concen: 1.030 ng

RT: 16.43 min Scan# 2185

Delta R.T. 0.24 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

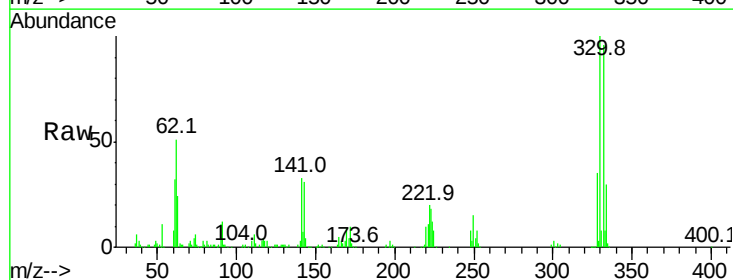
Tgt Ion:169 Resp: 6915

Ion Ratio Lower Upper

169 100

168 0.0 55.7 83.5#

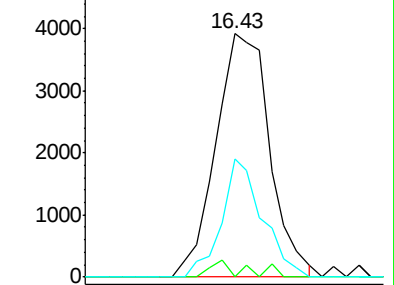
167 48.7 29.8 44.6#



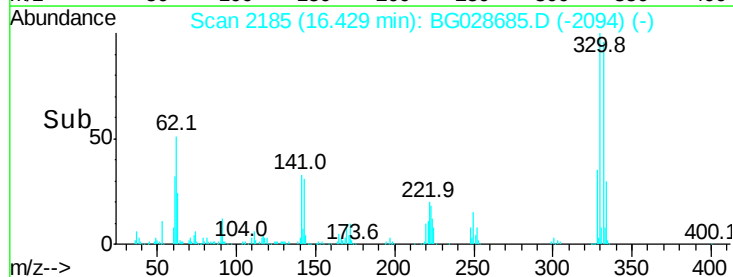
Abundance Ion 169.00 (168.70 to 169.70): E

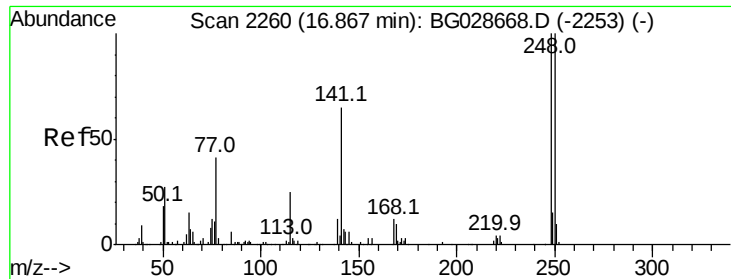
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

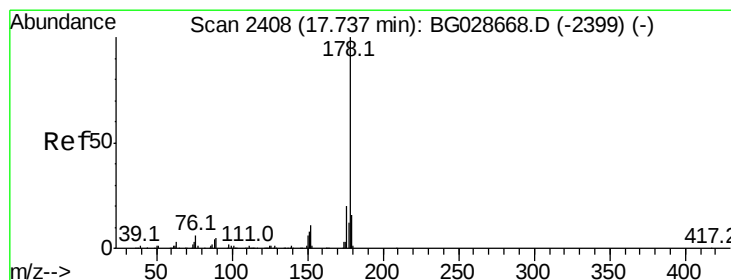
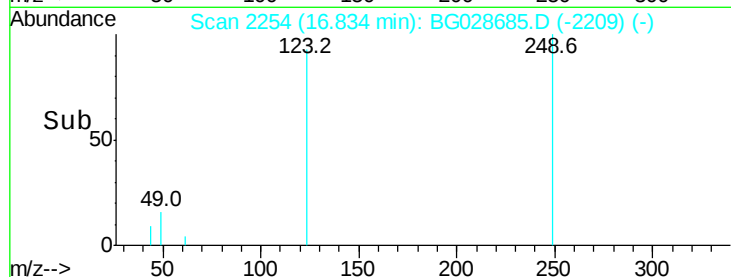
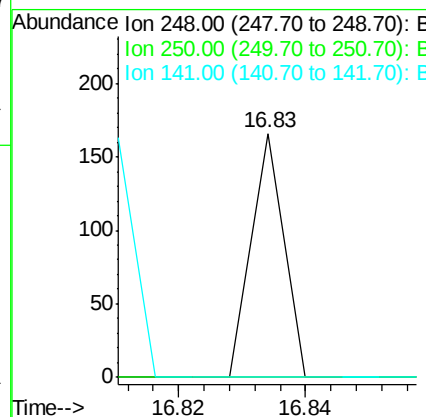
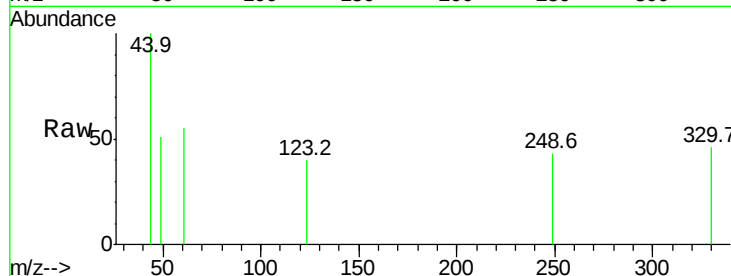




#66
4-Bromophenyl-phenylether
Concen: 0.020 ng
RT: 16.83 min Scan# 2254
Delta R.T. -0.03 min
Lab File: BG028685.D
Acq: 13 Sep 2017 1:07

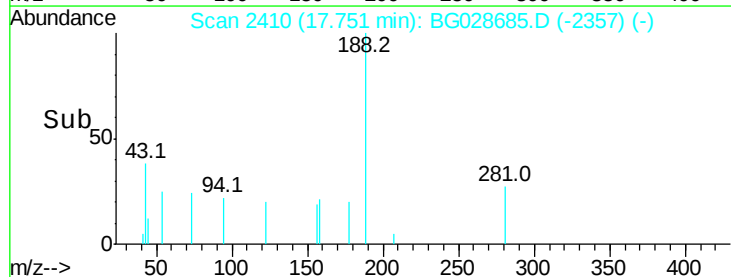
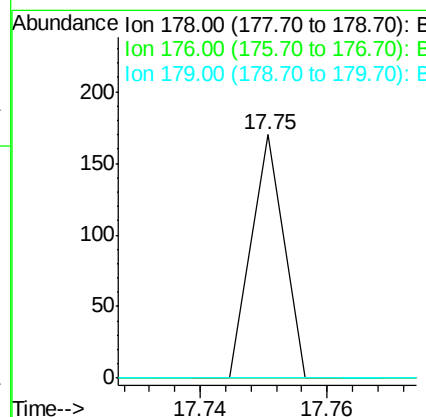
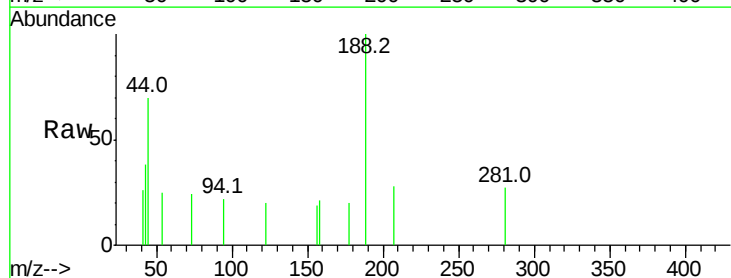
Instrument :
BNA_G
ClientSampleId :

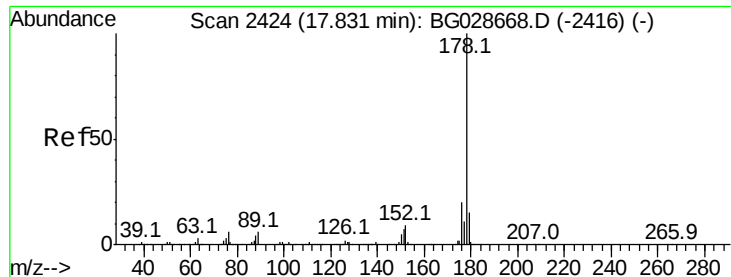
Tot Ion:248 Resp: 59
Ion Ratio Lower Upper
248 100
250 0.0 75.0 112.6#
141 0.0 55.2 82.8#



#70
Phenanthrene
Concen: 0.005 ng
RT: 17.75 min Scan# 2410
Delta R.T. 0.01 min
Lab File: BG028685.D
Acq: 13 Sep 2017 1:07

Tgt Ion:178 Resp: 60
Ion Ratio Lower Upper
178 100
176 0.0 17.7 26.5#
179 0.0 15.0 22.6#

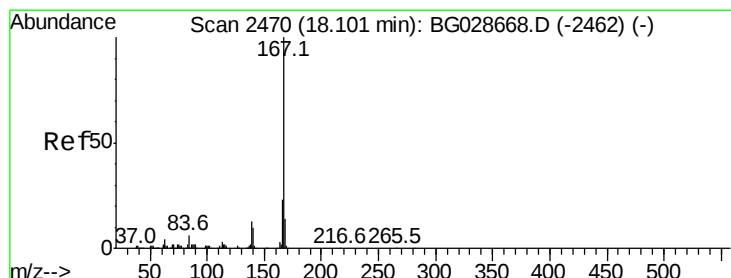
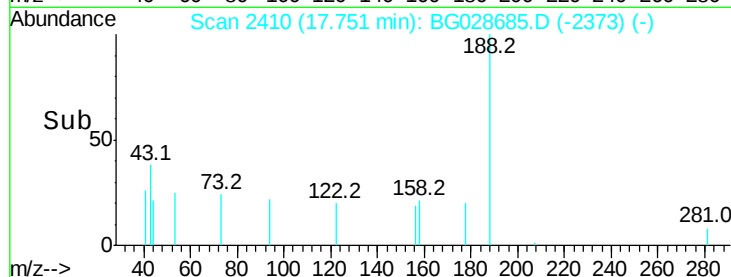
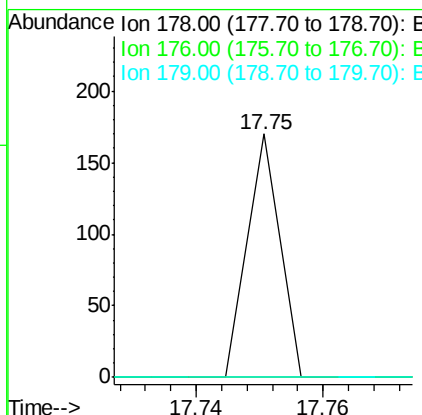
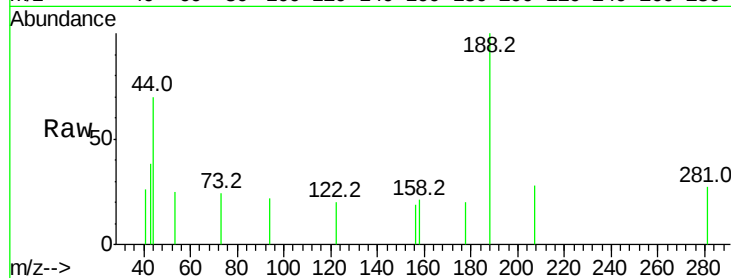




#71
 Anthracene
 Concen: 0.005 ng
 RT: 17.75 min Scan# 2410
 Delta R.T. -0.08 min
 Lab File: BG028685.D
 Acq: 13 Sep 2017 1:07

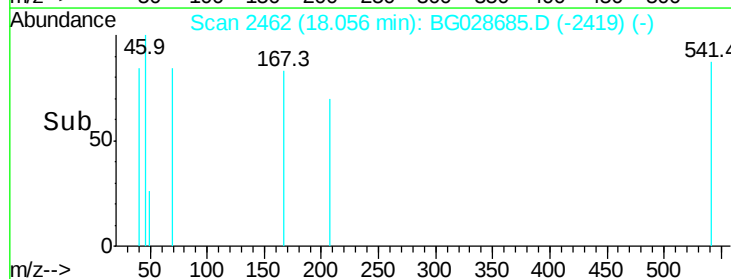
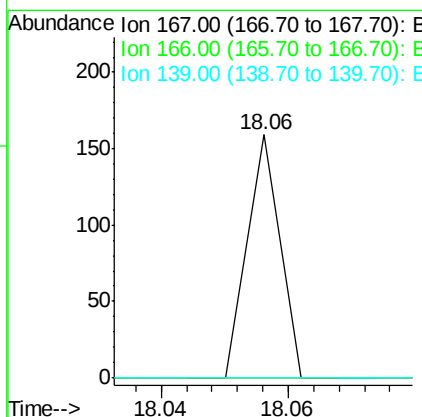
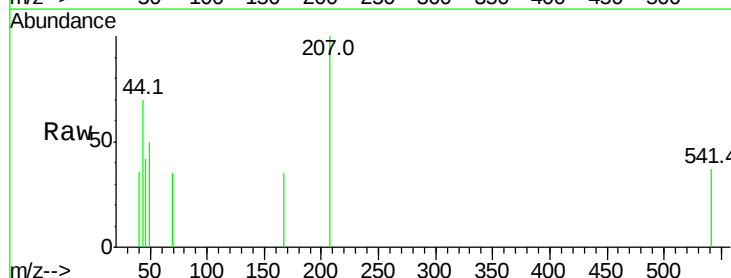
Instrument :
 BNA_G
 ClientSampleId :

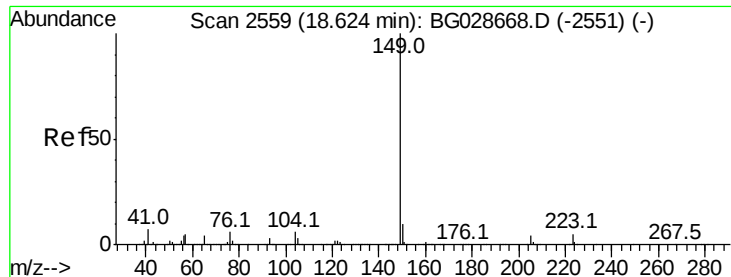
Tot Ion:178 Resp: 60
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.4 24.6#
 179 0.0 13.8 20.8#



#72
 Carbazole
 Concen: 0.005 ng
 RT: 18.06 min Scan# 2462
 Delta R.T. -0.04 min
 Lab File: BG028685.D
 Acq: 13 Sep 2017 1:07

Tgt Ion:167 Resp: 56
 Ion Ratio Lower Upper
 167 100
 166 0.0 20.2 30.2#
 139 0.0 12.8 19.2#





#73

Di-n-butylphthalate

Concen: 0.175 ng

RT: 18.63 min Scan# 2560

Delta R.T. 0.01 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

Instrument :

BNA_G

ClientSampleId :

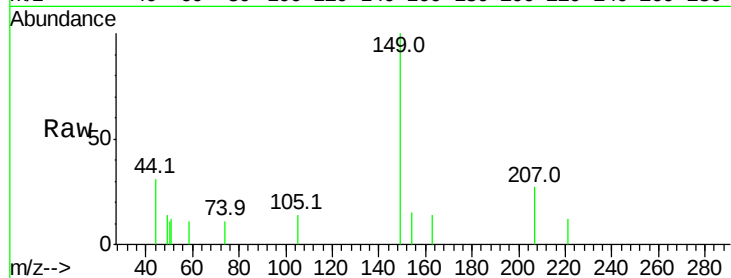
Tot Ion:149 Resp: 2340

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

1500

1000

500

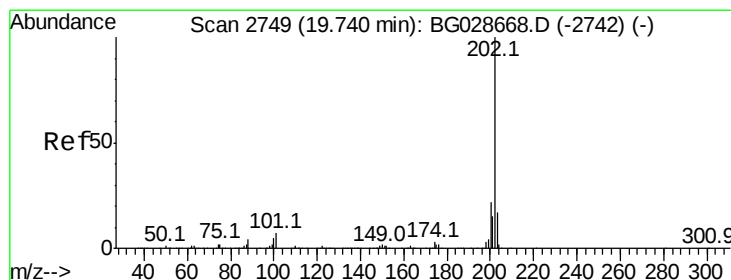
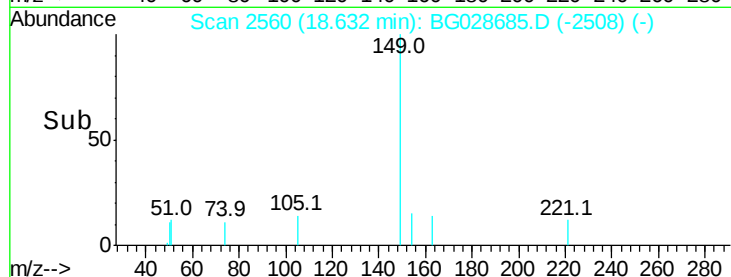
0

18.60

18.63

18.65

Time-->



#74

Fluoranthene

Concen: 0.004 ng

RT: 19.74 min Scan# 2749

Delta R.T. 0.00 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

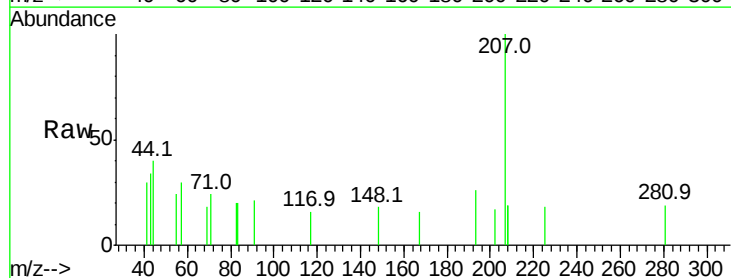
Tgt Ion:202 Resp: 57

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

200

150

100

50

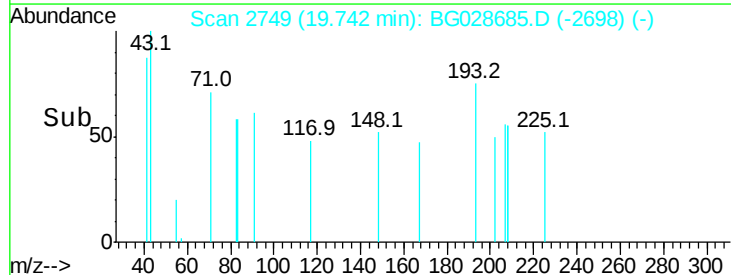
0

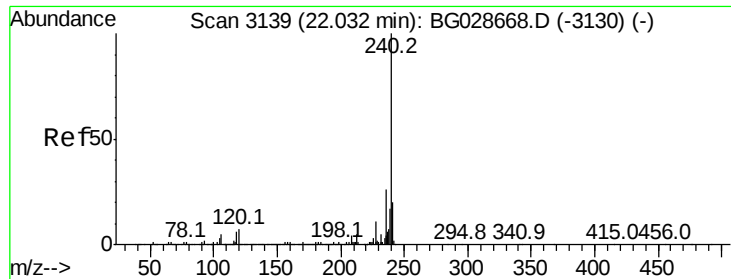
19.72

19.74

19.76

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

Instrument :

BNA_G

ClientSampleId :

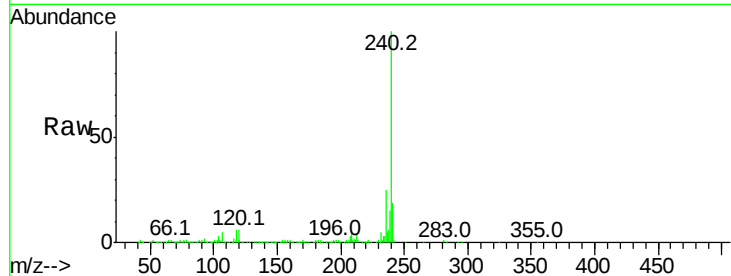
Tot Ion:240 Resp: 274216

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

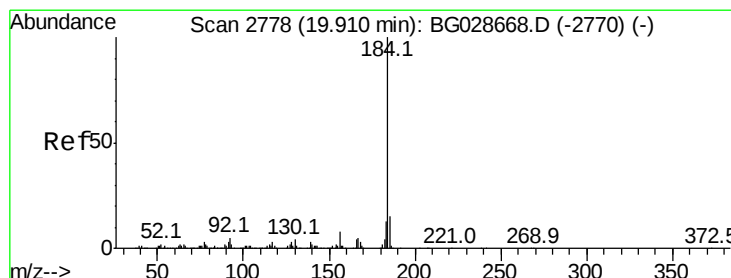
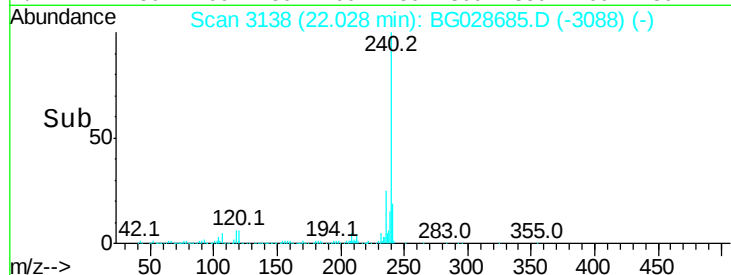
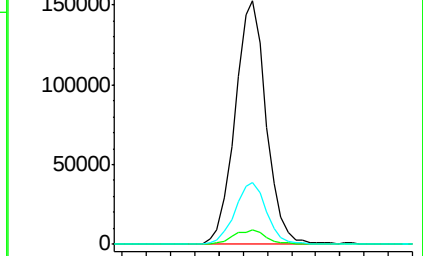
236 25.5 22.2 33.4



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: 0.009 ng

RT: 20.04 min Scan# 2799

Delta R.T. 0.13 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

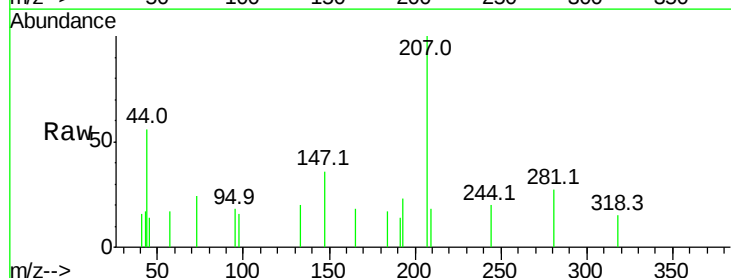
Tgt Ion:184 Resp: 64

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

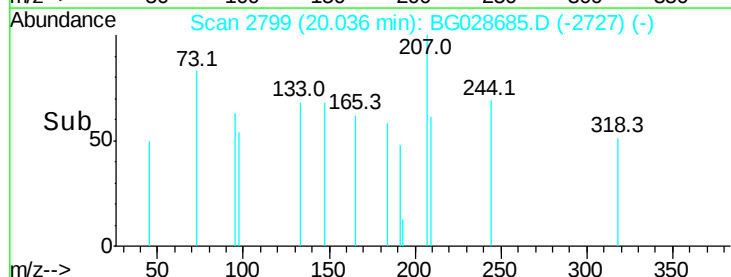
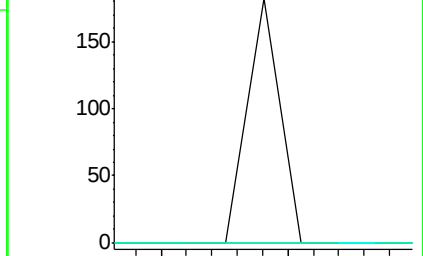
183 0.0 11.0 16.6#

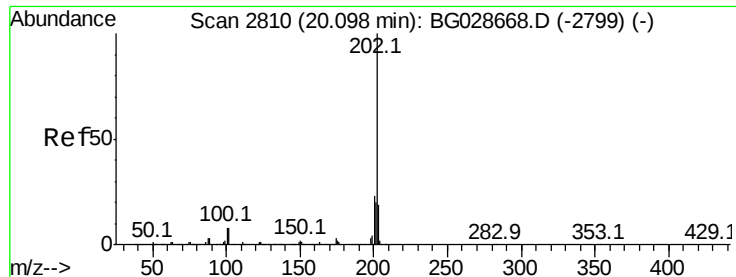


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.263 ng

RT: 20.28 min Scan# 2840

Delta R.T. 0.18 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

Instrument :

BNA_G

ClientSampled :

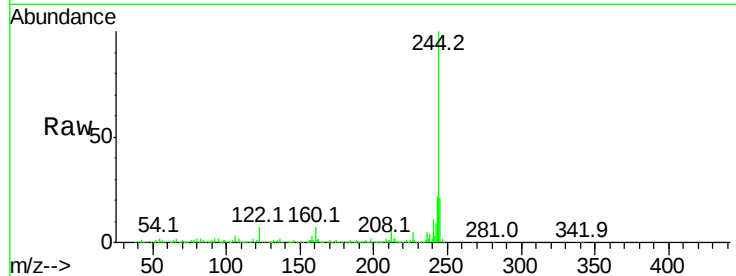
Tot Ion:202 Resp: 4167

Ion Ratio Lower Upper

202 100

200 48.4 19.6 29.4#

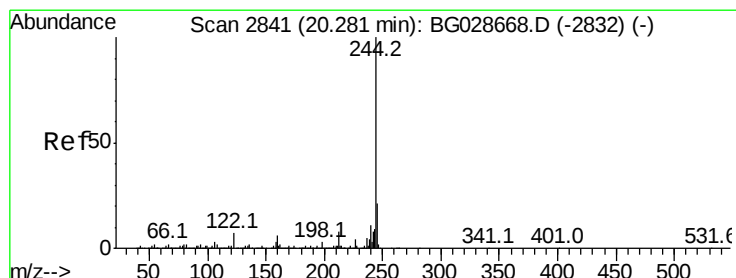
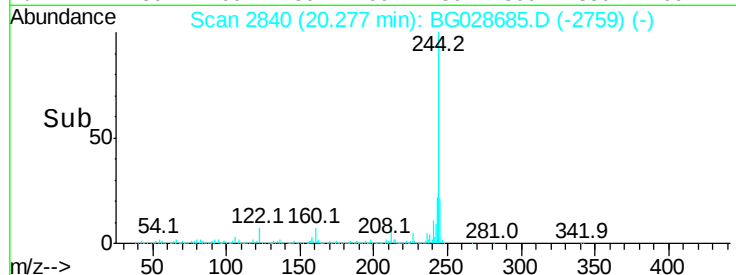
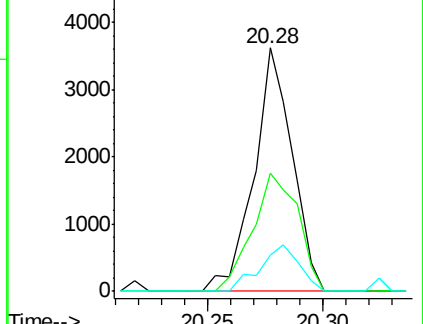
203 14.9 15.8 23.8#



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: 100.571 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

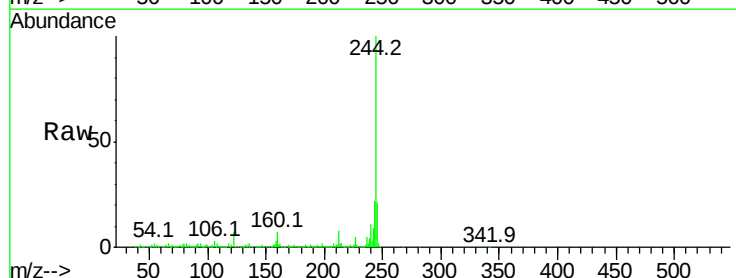
Tgt Ion:244 Resp: 1293195

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

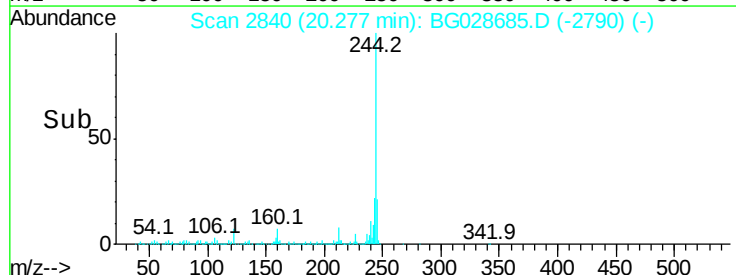
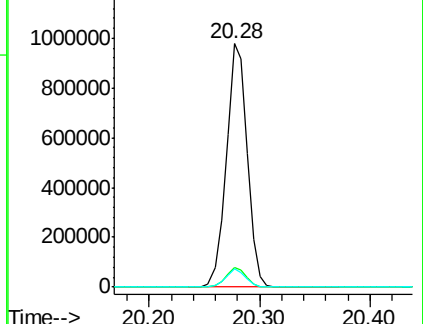
122 7.4 8.6 12.8#

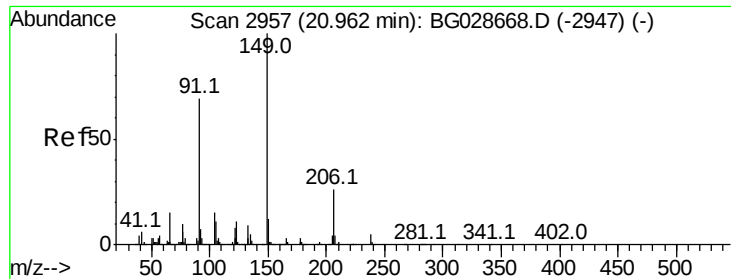


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

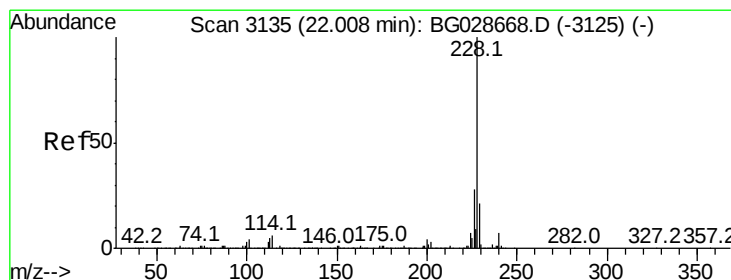
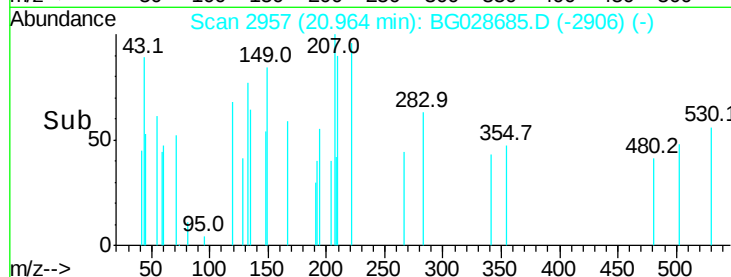
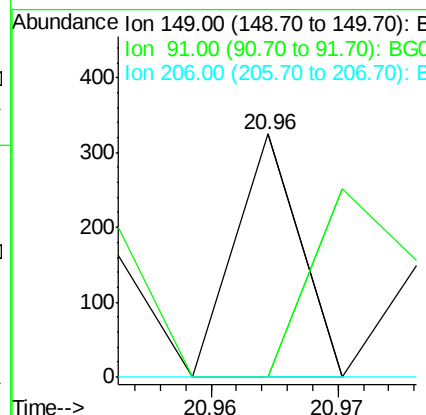
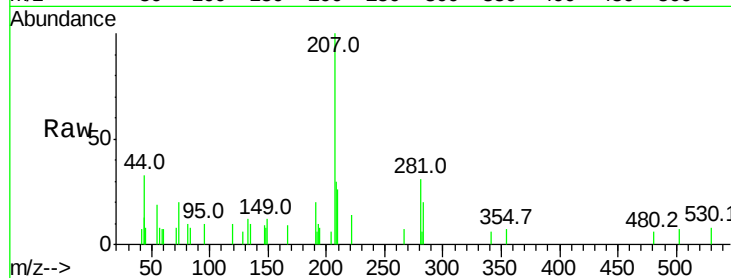




#79
Butylbenzylphthalate
Concen: 0.018 ng
RT: 20.96 min Scan# 2957
Delta R.T. 0.00 min
Lab File: BG028685.D
Acq: 13 Sep 2017 1:07

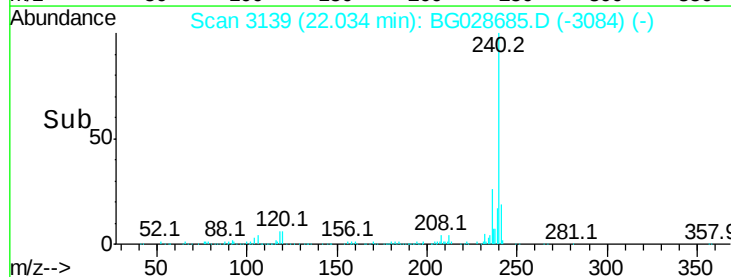
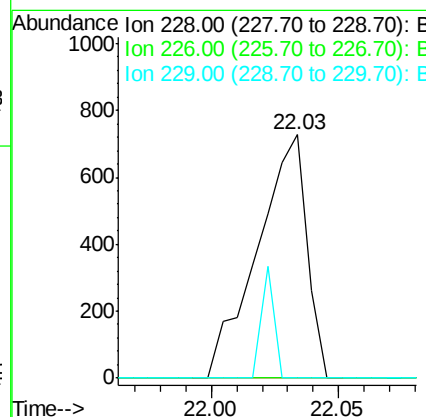
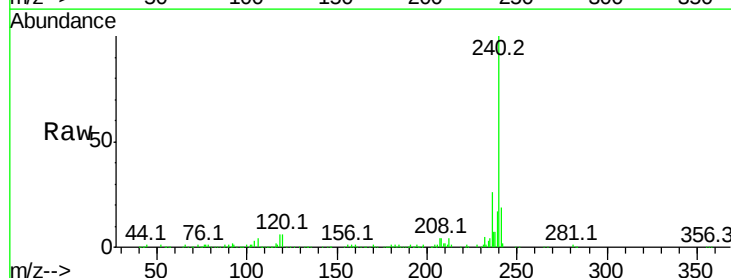
Instrument :
BNA_G
ClientSampled :

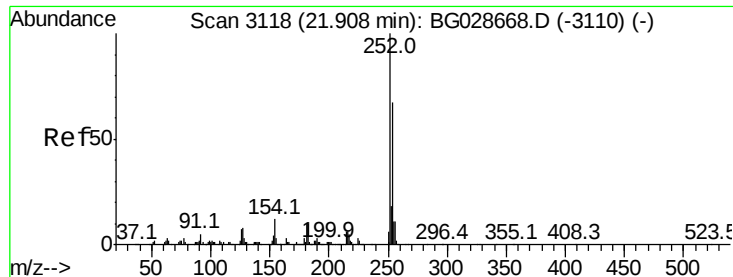
Tot Ion:149 Resp: 115
Ion Ratio Lower Upper
149 100
91 0.0 63.5 95.3#
206 0.0 21.0 31.6#



#80
Benzo(a)anthracene
Concen: 0.060 ng
RT: 22.03 min Scan# 3139
Delta R.T. 0.03 min
Lab File: BG028685.D
Acq: 13 Sep 2017 1:07

Tgt Ion:228 Resp: 992
Ion Ratio Lower Upper
228 100
226 0.0 24.9 37.3#
229 0.0 18.2 27.2#





#81

3,3'-Dichlorobenzidine

Concen: 0.009 ng

RT: 21.79 min Scan# 3097

Delta R.T. -0.12 min

Lab File: BG028685.D

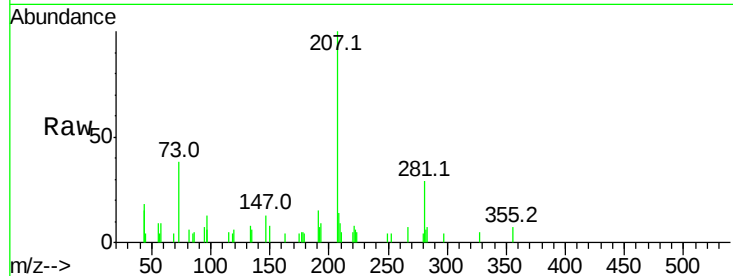
Acq: 13 Sep 2017 1:07

Instrument :

BNA_G

ClientSampled :

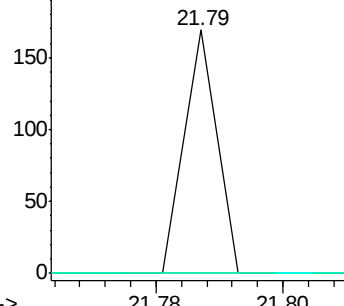
Tot Ion:	252	Resp:	60
Ion Ratio	Lower	Upper	
252	100		
254	0.0	53.1	79.7#
126	0.0	7.0	10.4#



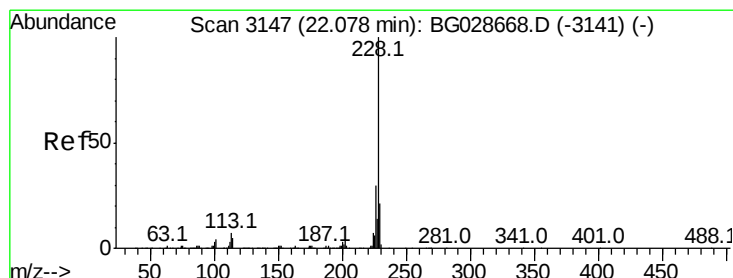
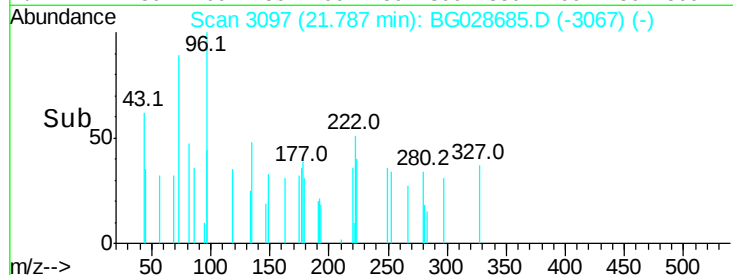
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->



#82

Chrysene

Concen: 0.063 ng

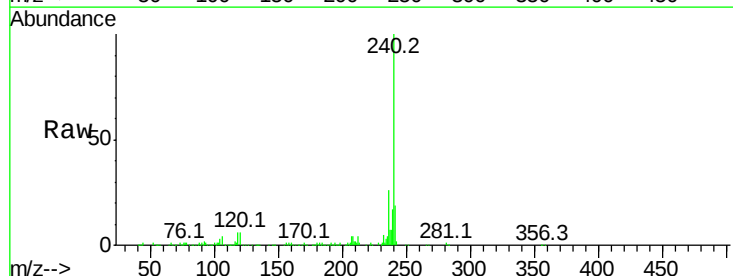
RT: 22.03 min Scan# 3139

Delta R.T. -0.04 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

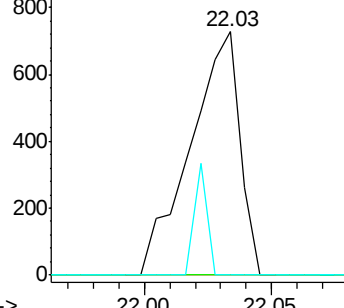
Tgt Ion:	228	Resp:	992
Ion Ratio	Lower	Upper	
228	100		
226	0.0	27.0	40.4#
229	0.0	17.8	26.6#



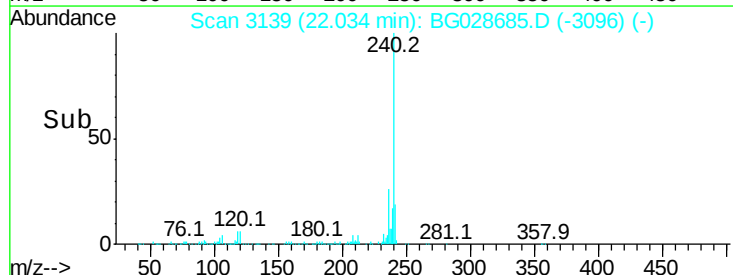
Abundance Ion 228.00 (227.70 to 228.70): E

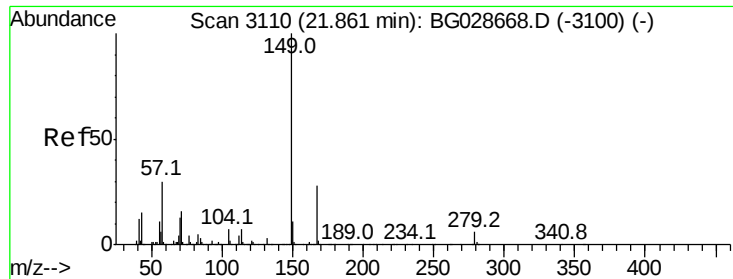
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->

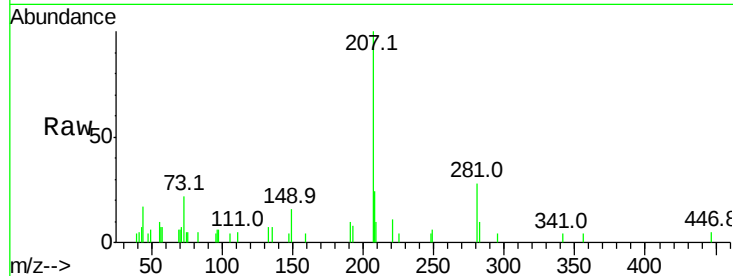




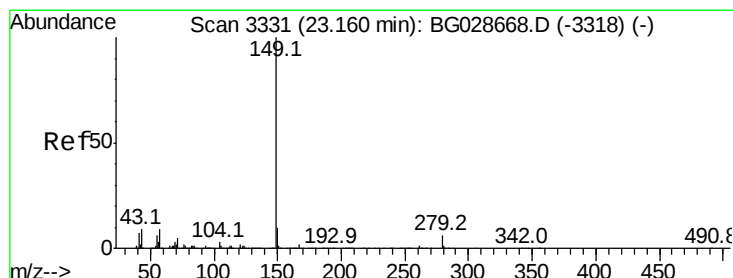
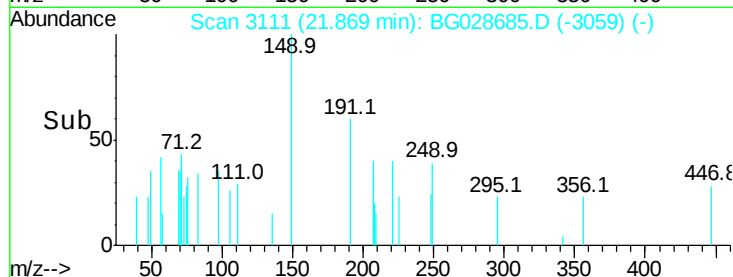
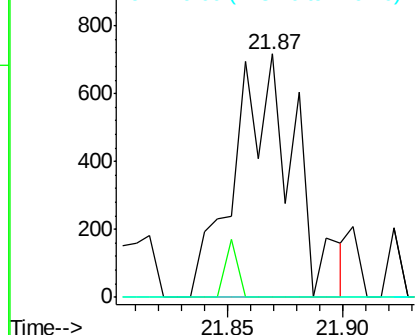
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.144 ng
 RT: 21.87 min Scan# 3111
 Delta R.T. 0.01 min
 Lab File: BG028685.D
 Acq: 13 Sep 2017 1:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 1304
 Ion Ratio Lower Upper
 149 100
 167 0.0 23.7 35.5#
 279 0.0 4.6 6.8#

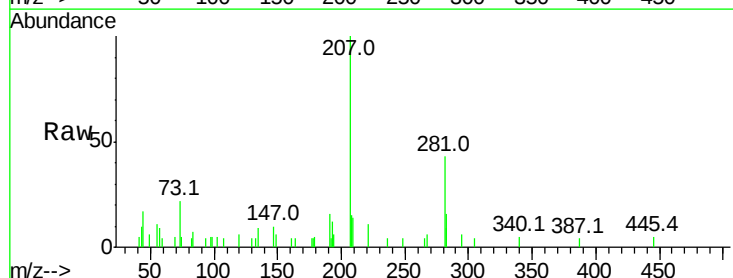


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

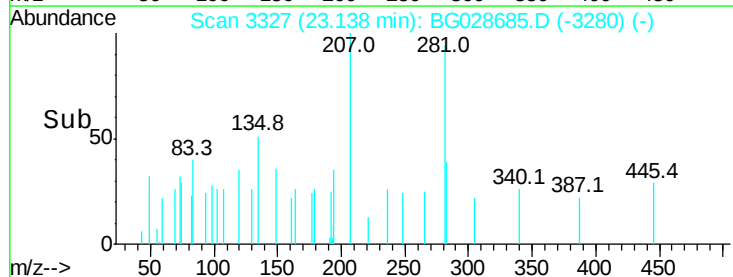
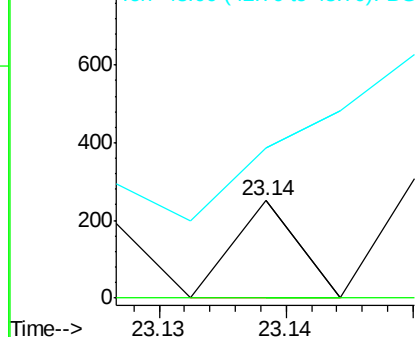


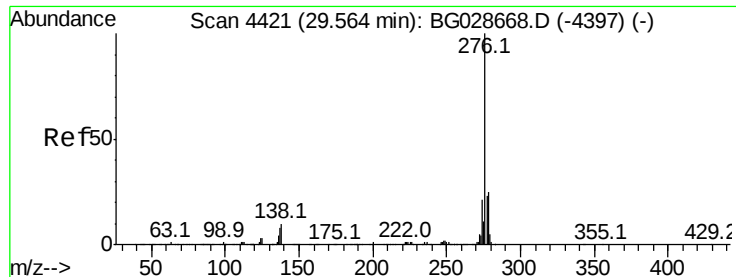
#84
 Di-n-octyl phthalate
 Concen: 0.006 ng
 RT: 23.14 min Scan# 3327
 Delta R.T. -0.02 min
 Lab File: BG028685.D
 Acq: 13 Sep 2017 1:07

Tgt Ion:149 Resp: 88
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.2#
 43 600.0 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

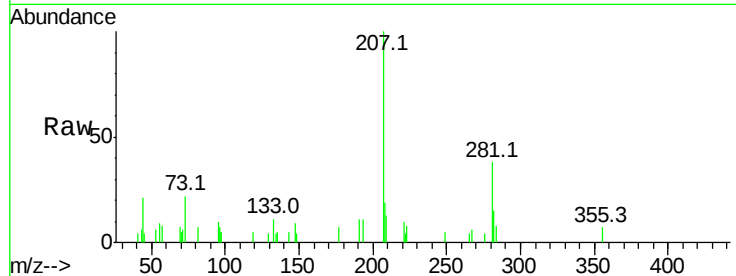




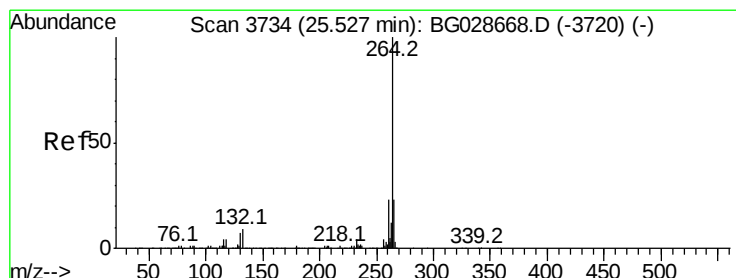
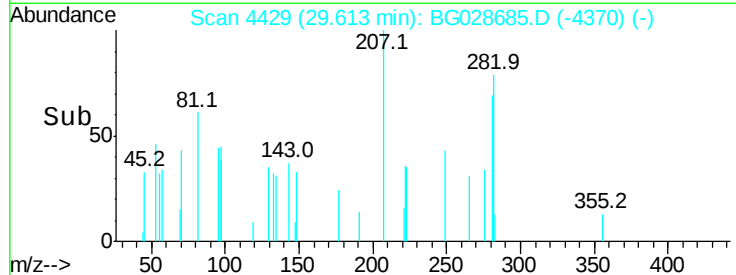
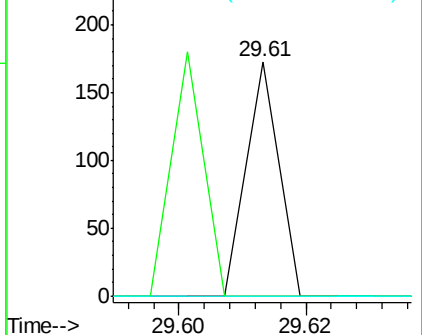
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.003 ng
 RT: 29.61 min Scan# 4429
 Delta R.T. 0.05 min
 Lab File: BG028685.D
 Acq: 13 Sep 2017 1:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	103.3	4.7	7.1#
277	0.0	20.6	31.0#

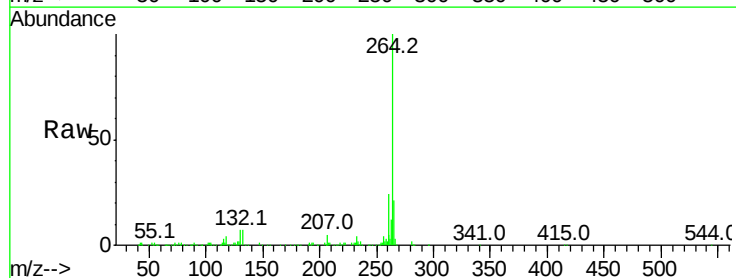


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

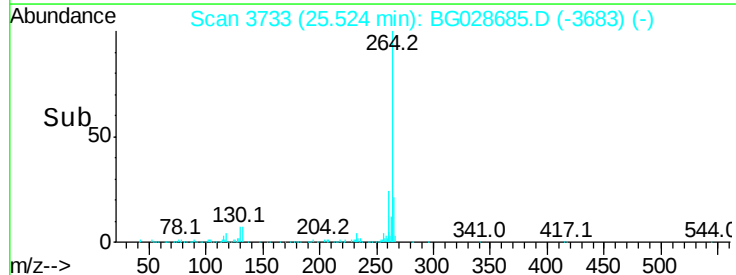
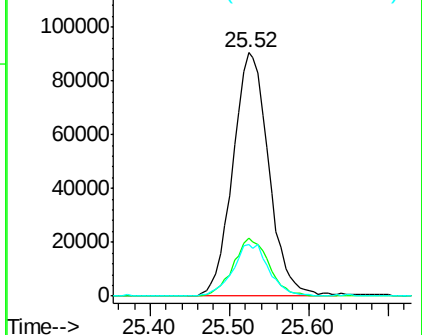


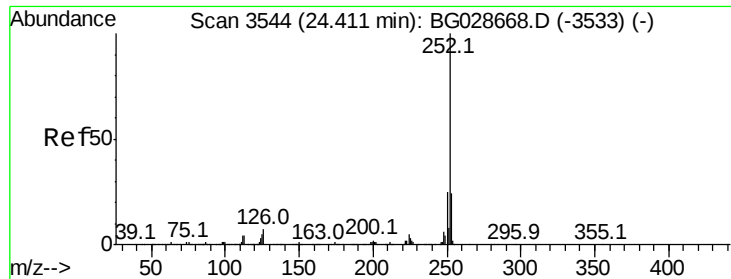
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.52 min Scan# 3733
 Delta R.T. -0.00 min
 Lab File: BG028685.D
 Acq: 13 Sep 2017 1:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	21.3	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: 0.003 ng

RT: 24.40 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

Instrument :

BNA_G

ClientSampled :

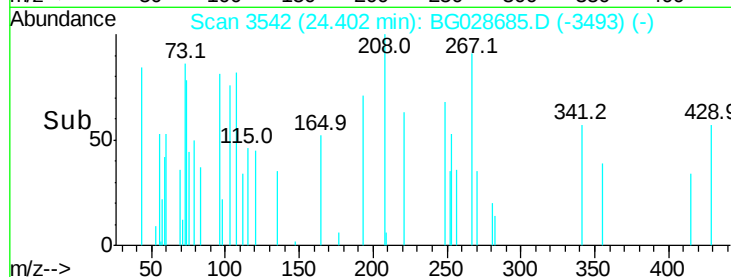
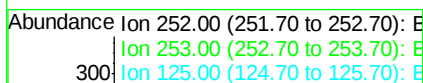
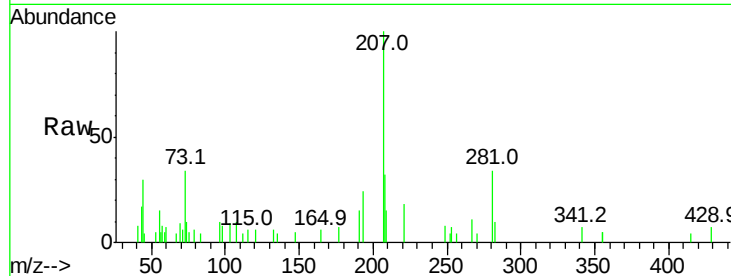
Tot Ion:252 Resp: 55

Ion Ratio Lower Upper

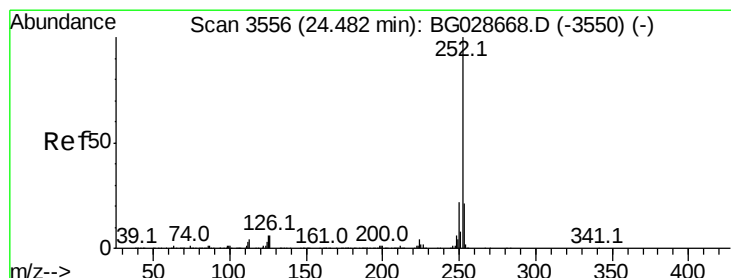
252 100

253 153.8 18.7 28.1#

125 0.0 5.3 7.9#



Time-->



#88

Benzo(k)fluoranthene

Concen: 0.006 ng

RT: 24.48 min Scan# 3556

Delta R.T. 0.00 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

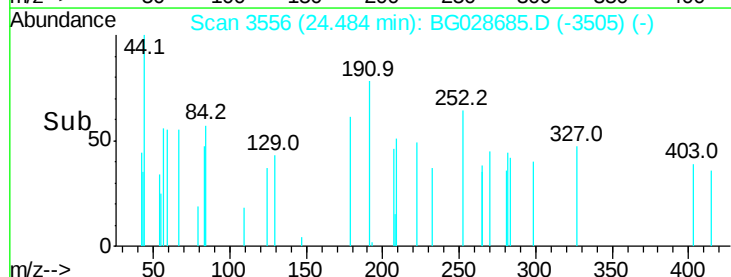
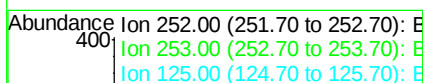
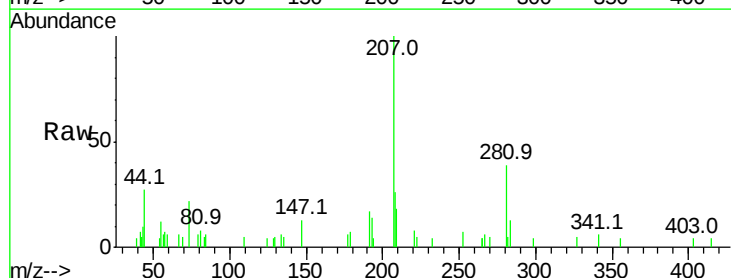
Tgt Ion:252 Resp: 102

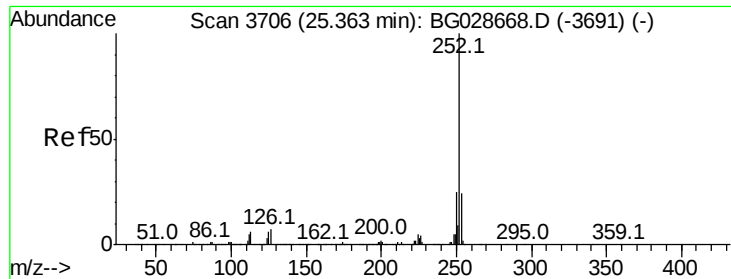
Ion Ratio Lower Upper

252 100

253 0.0 20.2 30.2#

125 0.0 5.1 7.7#





#89

Benzo(a)pyrene

Concen: 0.003 ng

RT: 25.36 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG028685.D

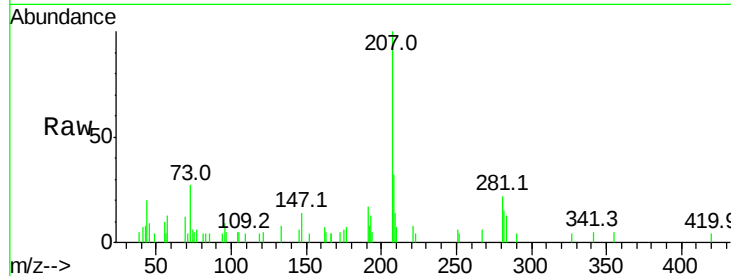
Acq: 13 Sep 2017 1:07

Instrument :

BNA_G

ClientSampleId :

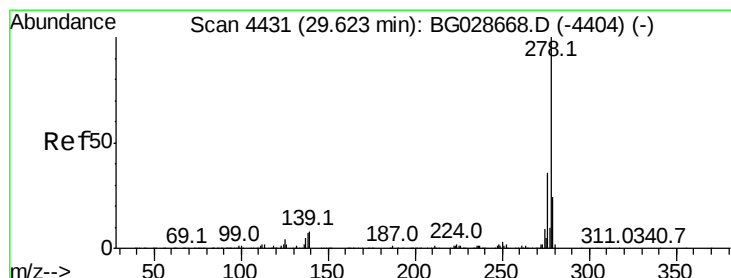
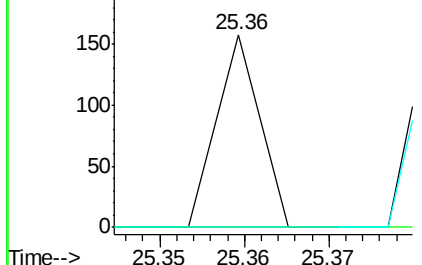
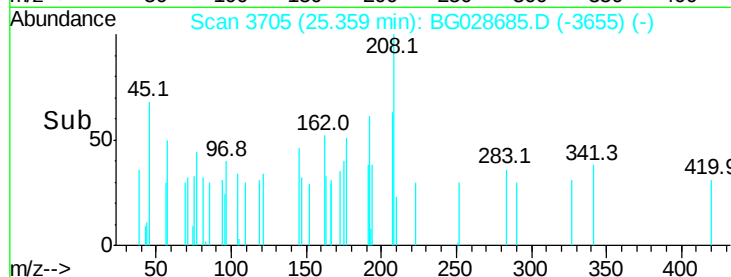
Tot Ion:	252	Resp:	56
Ion	Ratio	Lower	Upper
252	100		
253	0.0	19.2	28.8#
125	0.0	5.4	8.0#



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: 0.004 ng

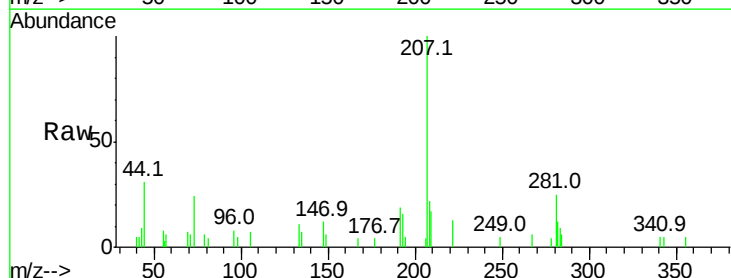
RT: 29.82 min Scan# 4464

Delta R.T. 0.20 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

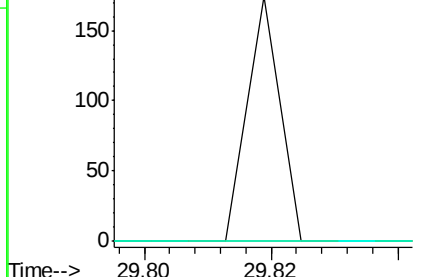
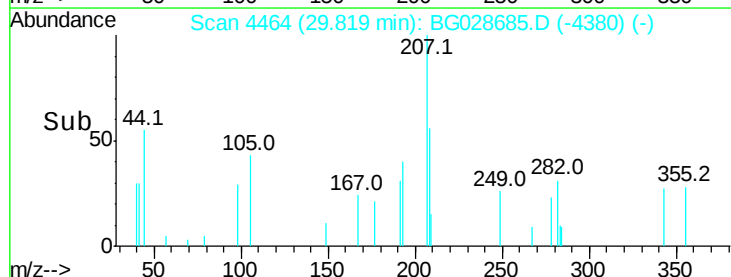
Tgt Ion:	278	Resp:	61
Ion	Ratio	Lower	Upper
278	100		
139	0.0	7.7	11.5#
279	0.0	19.1	28.7#

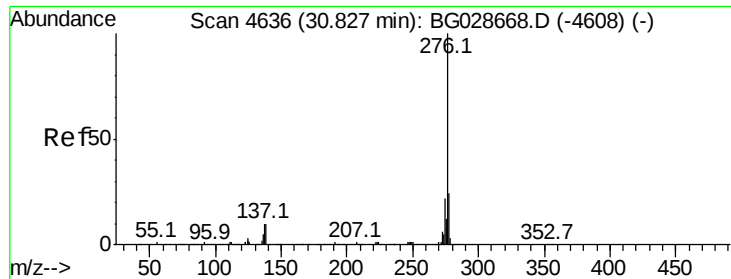


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.004 ng

RT: 30.83 min Scan# 4636

Delta R.T. 0.00 min

Lab File: BG028685.D

Acq: 13 Sep 2017 1:07

Instrument :

BNA_G

ClientSampleId :

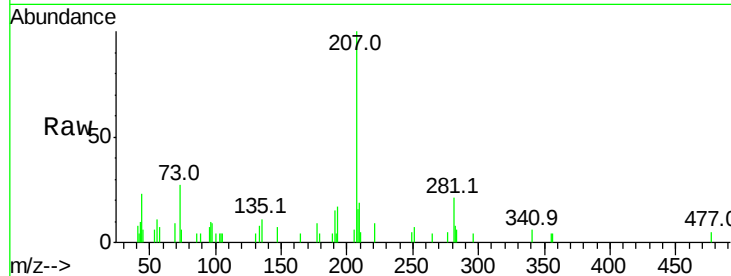
Tot Ion: 276 Resp: 68

Ion Ratio Lower Upper

276 100

277 0.0 18.6 27.8#

138 0.0 8.1 12.1#



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

