

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\
 Data File : BG028686.D
 Acq On : 13 Sep 2017 1:46
 Operator : SJ/JU
 Sample : I5189-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 04:10:07 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	22654	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	92111	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	73148	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	218924	20.00	ng	0.00
75) Chrysene-d12	22.03	240	247643	20.00	ng	0.00
86) Perylene-d12	25.52	264	253003	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.90	112	83538	60.85	ng	0.00
7) Phenol-d6	7.48	99	65456	31.67	ng	0.00
23) Nitrobenzene-d5	9.50	82	197101	102.36	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	204503	169.04	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	509966	92.96	ng	0.00
78) Terphenyl-d14	20.28	244	1146112	98.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.84	88	171	0.308	ng	# 3
4) n-Nitrosodimethylamine	4.20	42	72	0.100	ng	# 1
6) Aniline	7.60	93	56	0.023	ng	# 38
9) Benzaldehyde	7.49	77	115	0.090	ng	# 10
11) bis(2-Chloroethyl)ether	7.85	93	54	0.034	ng	# 1
15) Benzyl Alcohol	8.65	79	3612	2.238	ng	# 52
19) n-Nitroso-di-n-propylamine	8.86	70	75	0.051	ng	# 29
22) Acetophenone	9.15	105	2913	1.082	ng	# 84
24) Nitrobenzene	9.51	77	627	0.294	ng	# 27
25) Isophorone	10.05	82	114	0.029	ng	# 67
26) 2-Nitrophenol	10.19	139	66	0.073	ng	# 20
29) 2,4-Dichlorophenol	10.98	162	84	0.051	ng	# 25
33) 4-Chloroaniline	11.14	127	69	0.034	ng	# 40
34) Hexachlorobutadiene	11.21	225	55	0.040	ng	# 19
36) 4-Chloro-3-methylphenol	12.45	107	62	0.029	ng	# 25
45) 1,1'-Biphenyl	13.77	154	817	0.135	ng	# 41
47) 2-Nitroaniline	13.98	65	67	0.041	ng	# 16
51) Acenaphthene	14.94	154	130	0.030	ng	# 6
54) Dibenzofuran	15.35	168	58	0.008	ng	# 40
59) Diethylphthalate	15.73	149	178	0.028	ng	# 56
60) 4-Chlorophenyl-phenylether	15.86	204	59	0.017	ng	# 26
61) 4-Nitroaniline	15.84	138	71	0.056	ng	# 1
62) Azobenzene	16.09	77	56	0.011	ng	# 47
65) n-Nitrosodiphenylamine	16.43	169	6714	1.070	ng	# 30
70) Phenanthrene	17.89	178	56	0.005	ng	# 56
71) Anthracene	17.89	178	56	0.005	ng	# 58
73) Di-n-butylphthalate	18.64	149	1233	0.099	ng	# 73
77) Pyrene	20.27	202	3810	0.267	ng	# 65
79) Butylbenzylphthalate	20.96	149	192	0.033	ng	# 77
80) Benzo(a)anthracene	22.03	228	1053	0.071	ng	# 47
81) 3,3'-Dichlorobenzidine	21.87	252	62	0.010	ng	# 24
82) Chrysene	22.03	228	1053	0.074	ng	# 46
83) Bis(2-ethylhexyl)phthalate	21.87	149	1141	0.139	ng	# 51
84) Di-n-octyl phthalate	23.15	149	195	0.014	ng	# 68

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\
Data File : BG028686.D
Acq On : 13 Sep 2017 1:46
Operator : SJ/JU
Sample : I5189-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 13 04:10:07 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

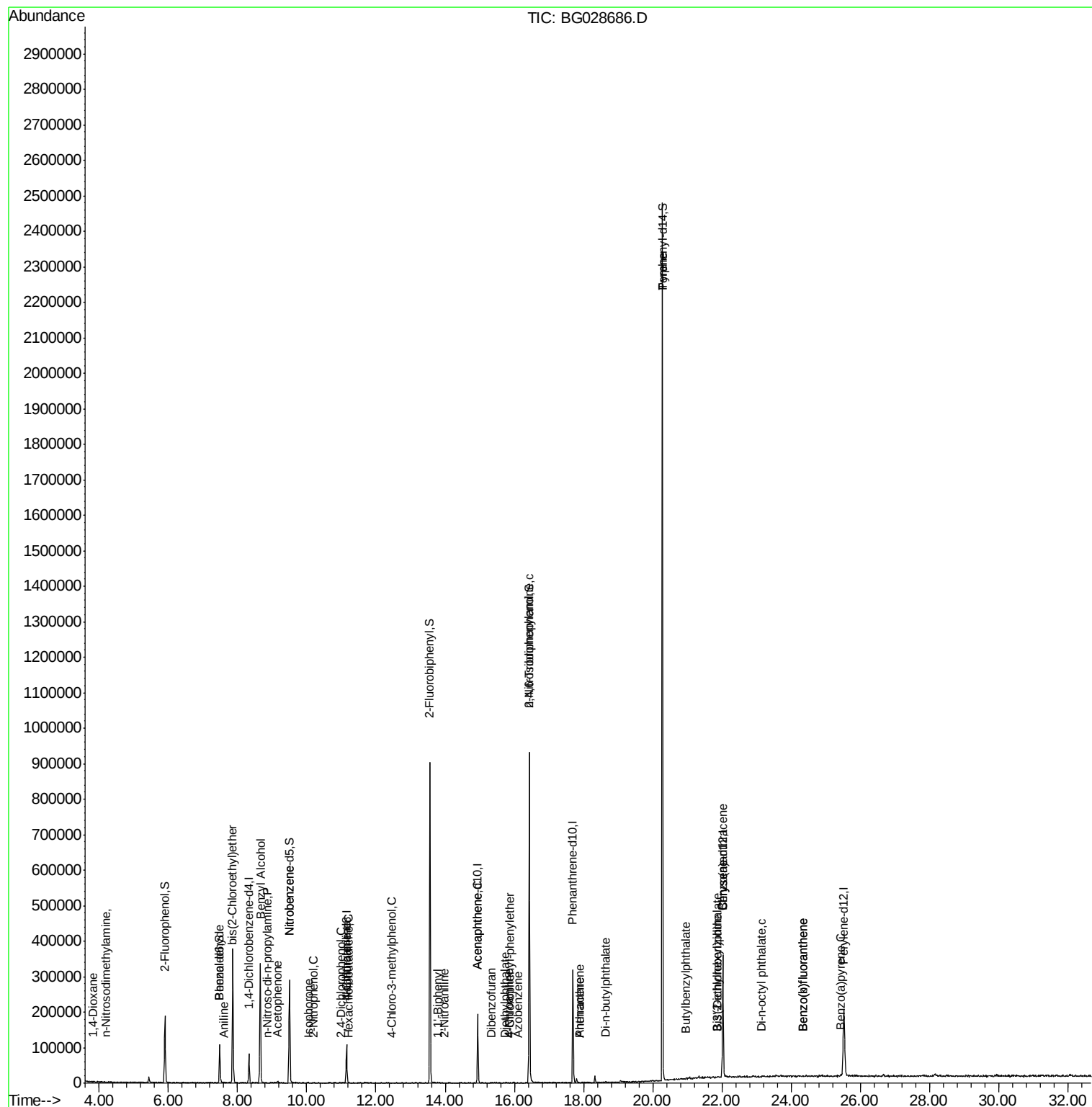
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	24.35	252	57	0.004	ng	# 58
88) Benzo(k)fluoranthene	24.35	252	57	0.004	ng	# 56
89) Benzo(a)pyrene	25.43	252	103	0.007	ng	# 58

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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091217\
Data File : BG028686.D
Acq On : 13 Sep 2017 1:46
Operator : SJ/JU
Sample : I5189-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 13 04:10:07 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



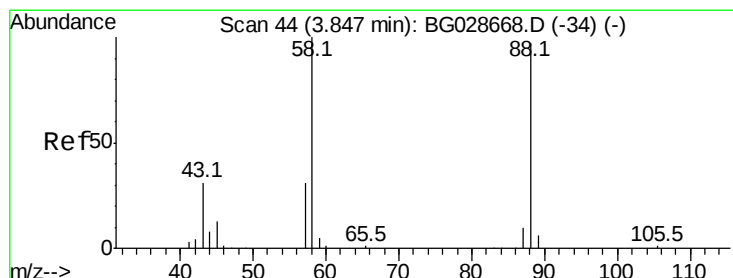
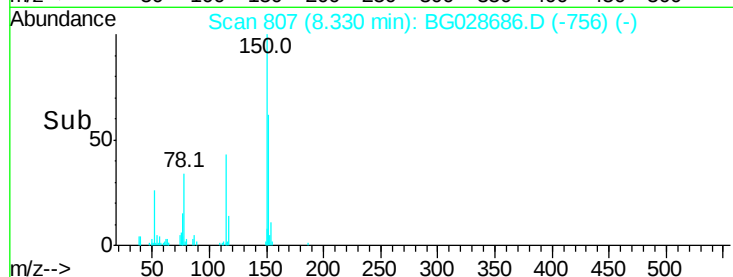
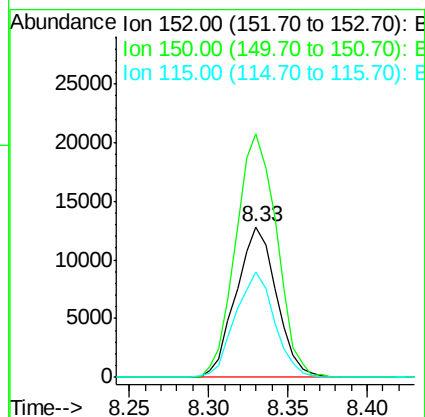
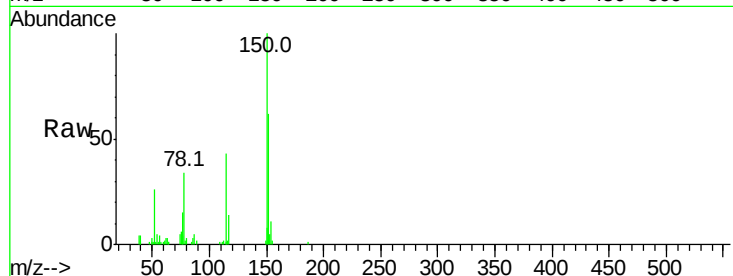


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG028686.D
Acq: 13 Sep 2017 1:46

Instrument :
BNA_G
ClientSampled :

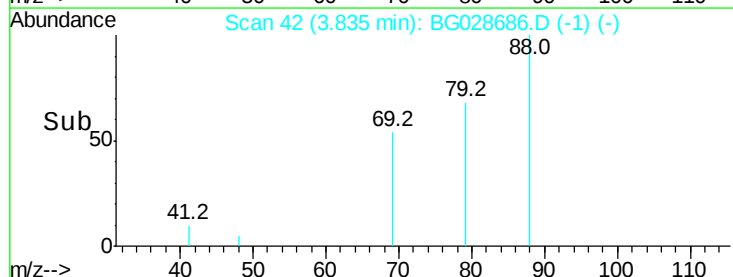
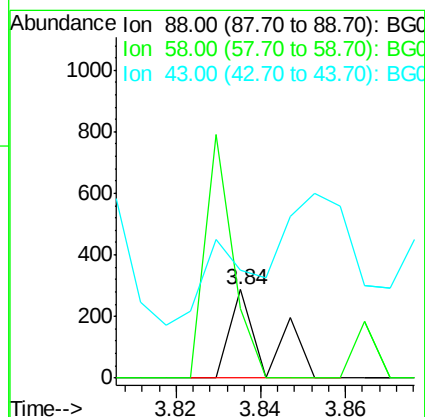
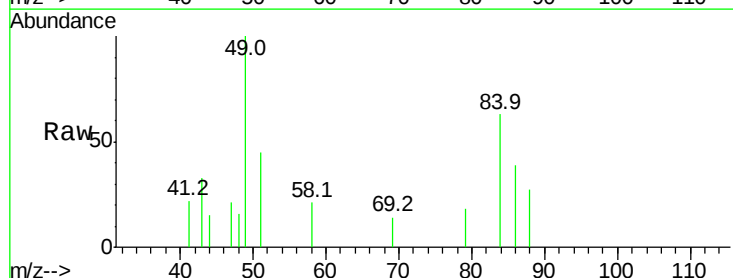
Tot Ion:152 Resp: 22654
Ion Ratio Lower Upper
152 100
150 161.9 114.0 171.0
115 70.1 48.1 72.1

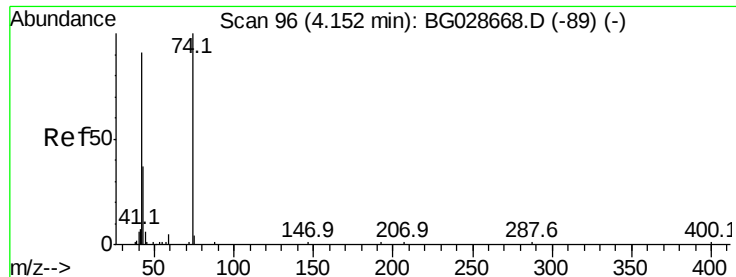


#2

1,4-Dioxane
Concen: 0.308 ng
RT: 3.84 min Scan# 42
Delta R.T. -0.01 min
Lab File: BG028686.D
Acq: 13 Sep 2017 1:46

Tgt Ion: 88 Resp: 171
Ion Ratio Lower Upper
88 100
58 209.4 79.4 119.2#
43 0.0 33.8 50.6#



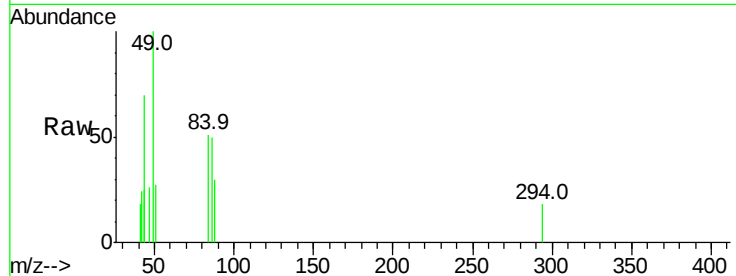


#4

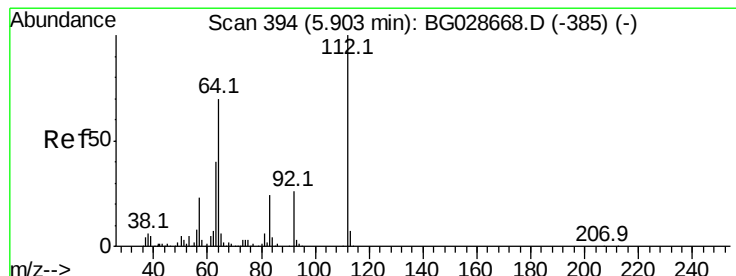
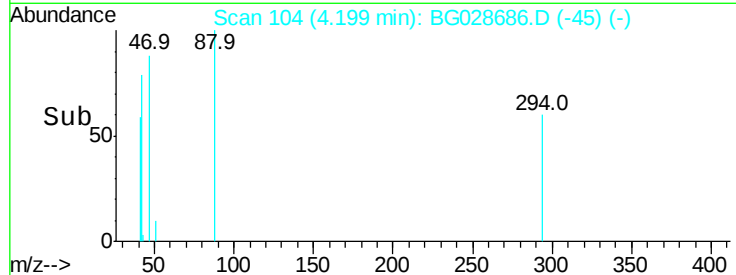
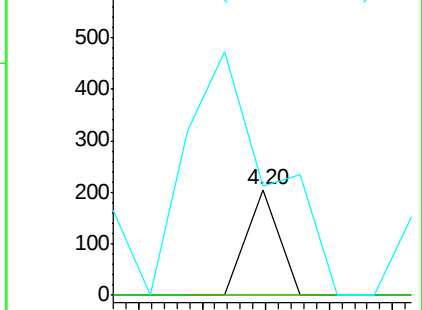
n-Nitrosodimethylamine
 Concen: 0.100 ng
 RT: 4.20 min Scan# 104
 Delta R.T. 0.05 min
 Lab File: BG028686.D
 Acq: 13 Sep 2017 1:46

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	76.7	115.1#
44	103.4	6.1	9.1#



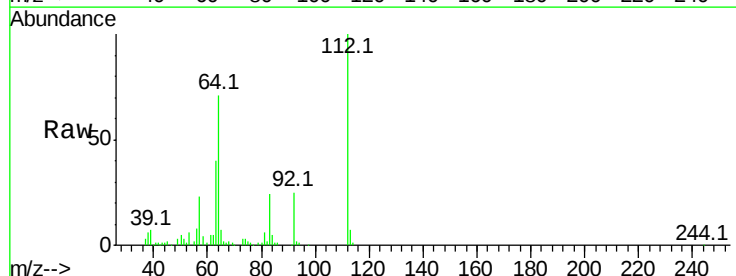
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



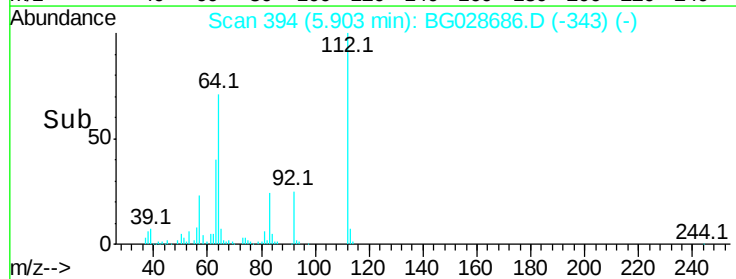
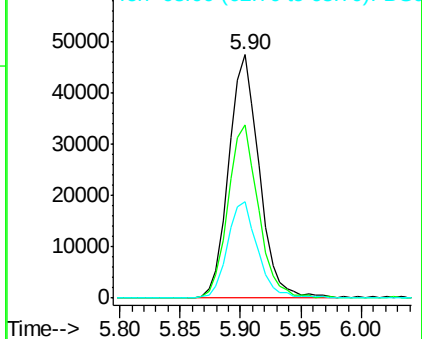
#5

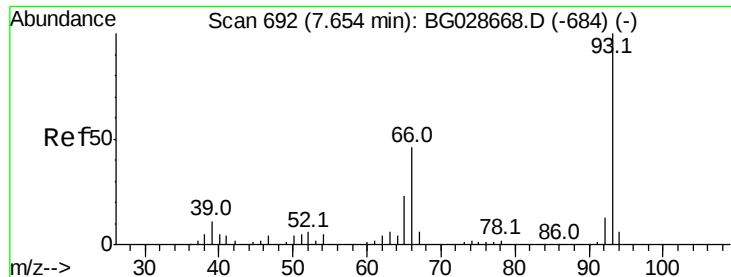
2-Fluorophenol
 Concen: 60.847 ng
 RT: 5.90 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: BG028686.D
 Acq: 13 Sep 2017 1:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	61.8	92.6
63	39.7	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





#6

Aniline

Concen: 0.023 ng

RT: 7.60 min Scan# 683

Delta R.T. -0.05 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

Instrument :

BNA_G

ClientSampled :

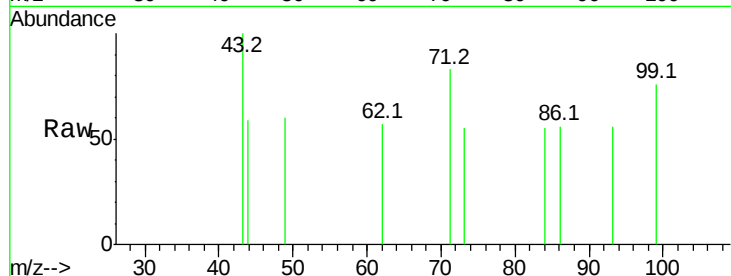
Tot Ion: 93 Resp: 56

Ion Ratio Lower Upper

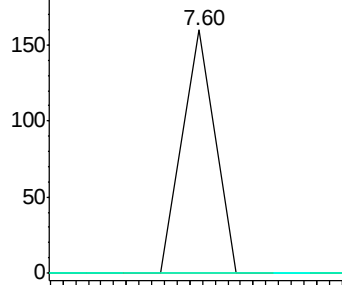
93 100

66 0.0 35.4 53.2#

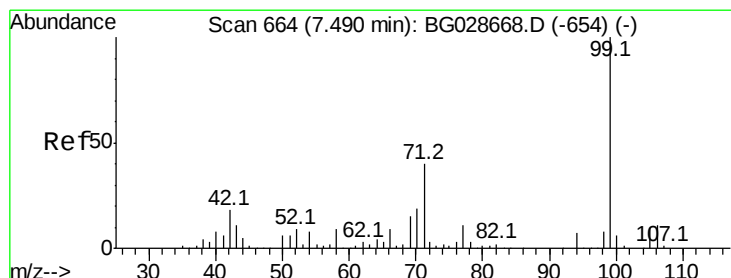
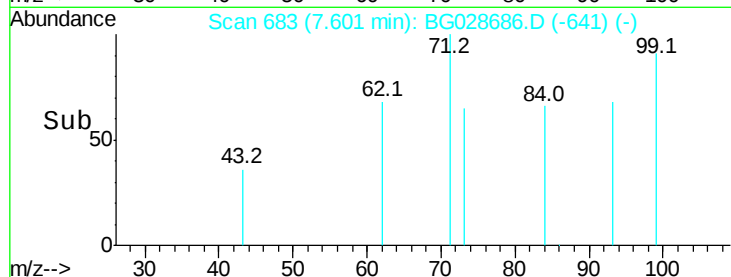
65 0.0 21.2 31.8#



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: 31.665 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

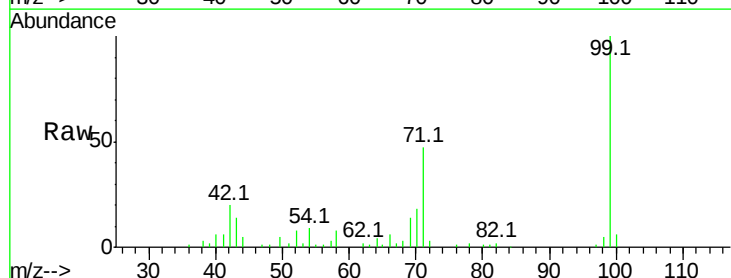
Tgt Ion: 99 Resp: 65456

Ion Ratio Lower Upper

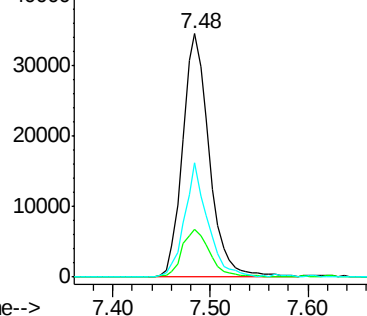
99 100

42 19.6 20.5 30.7#

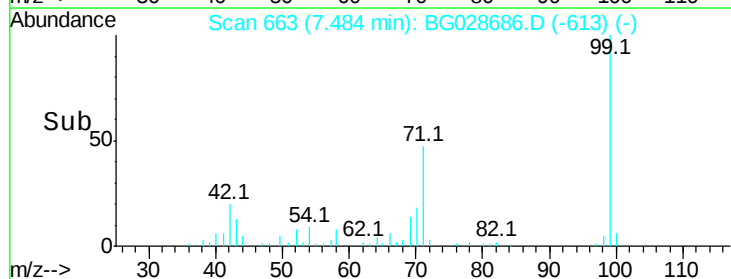
71 46.9 37.6 56.4

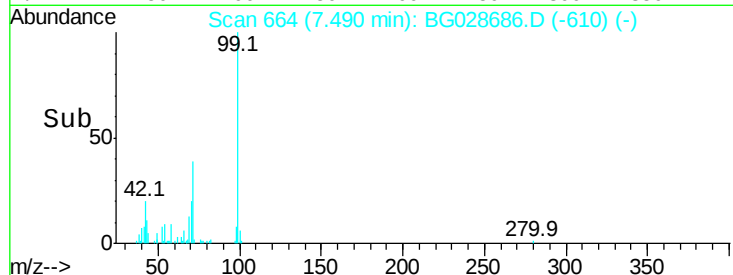
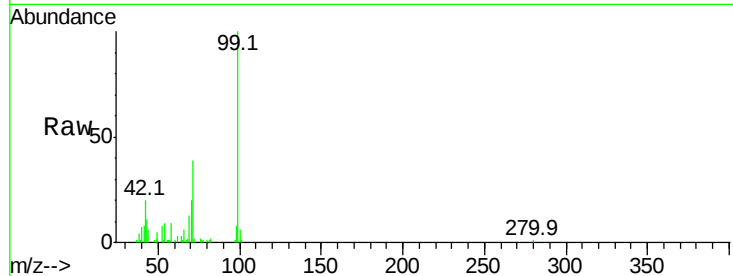
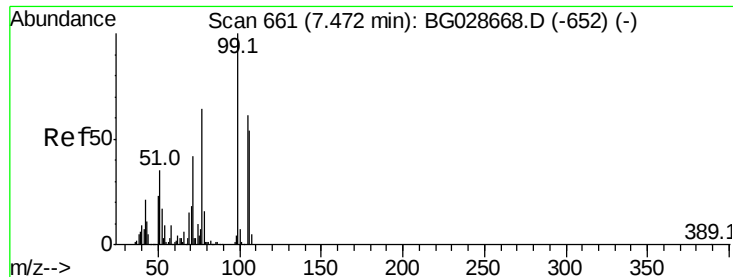


Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



Time-->





#9

Benzaldehyd

Concen: 0.090 ng

RT: 7.49 min Scan# 664

Delta R.T. 0.02 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

Instrument :

BNA_G

ClientSampleId :

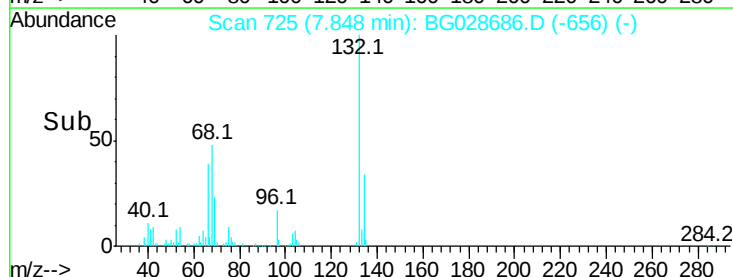
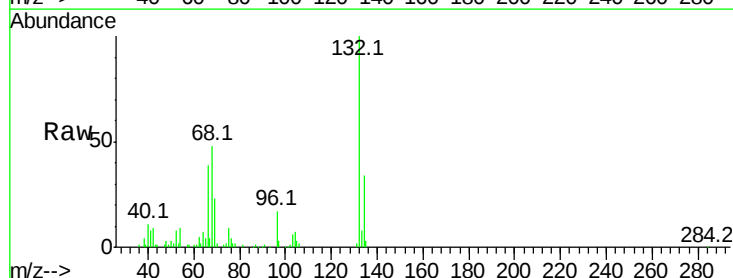
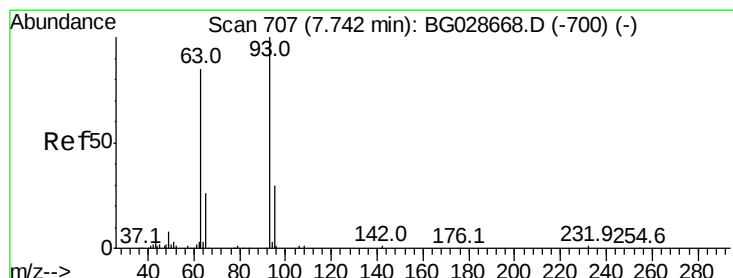
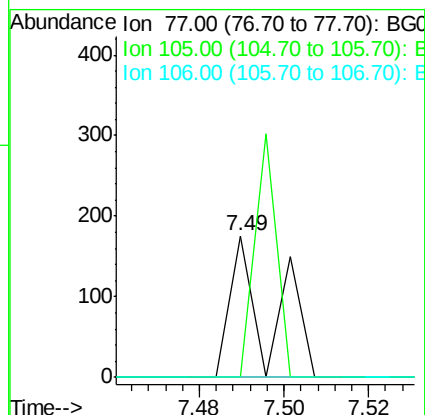
Tot Ion: 77 Resp: 115

Ion Ratio Lower Upper

77 100

105 0.0 60.9 100.9#

106 0.0 55.1 95.1#



#11

bis(2-Chloroethyl)ether

Concen: 0.034 ng

RT: 7.85 min Scan# 725

Delta R.T. 0.11 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

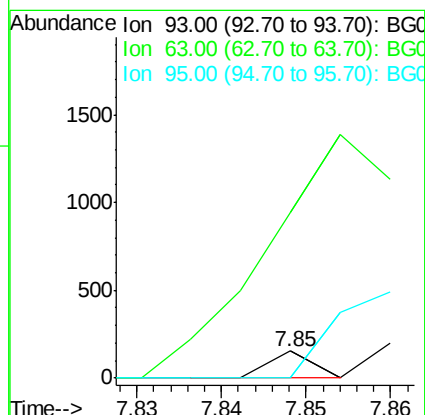
Tgt Ion: 93 Resp: 54

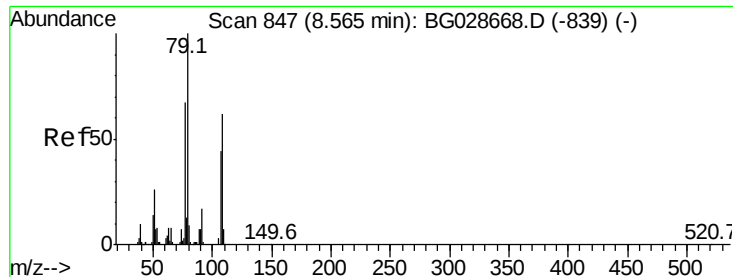
Ion Ratio Lower Upper

93 100

63 615.7 78.5 118.5#

95 0.0 9.8 49.8#





#15

Benzyl Alcohol

Concen: 2.238 ng

RT: 8.65 min Scan# 862

Delta R.T. 0.09 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

Instrument :

BNA_G

ClientSampleId :

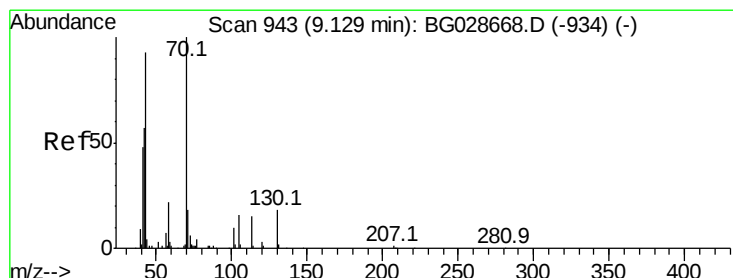
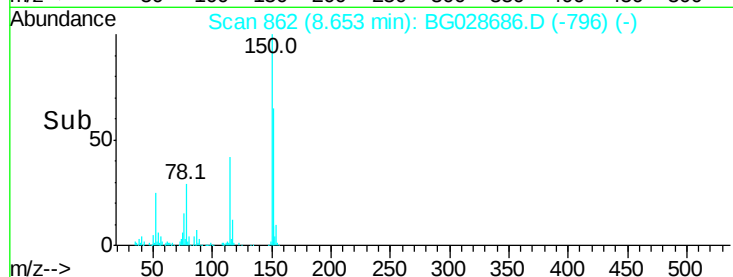
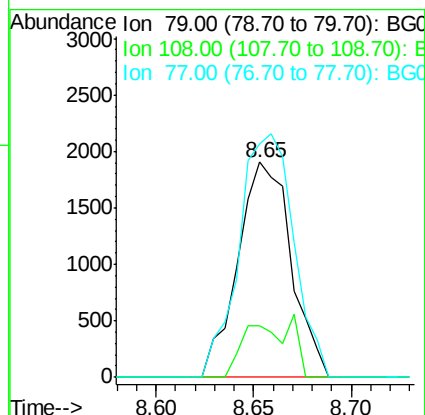
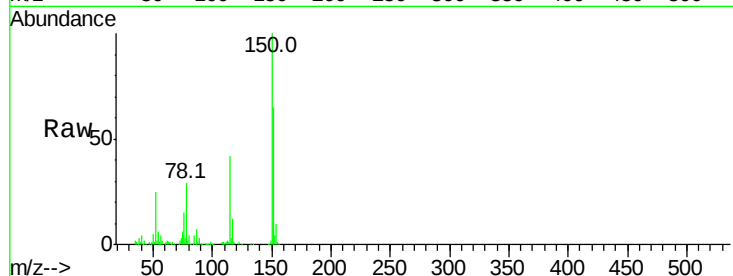
Tot Ion: 79 Resp: 3612

Ion Ratio Lower Upper

79 100

108 23.8 45.5 68.3#

77 108.3 54.3 81.5#



#19

n-Nitroso-di-n-propylamine

Concen: 0.051 ng

RT: 8.86 min Scan# 898

Delta R.T. -0.26 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

Tgt Ion: 70 Resp: 75

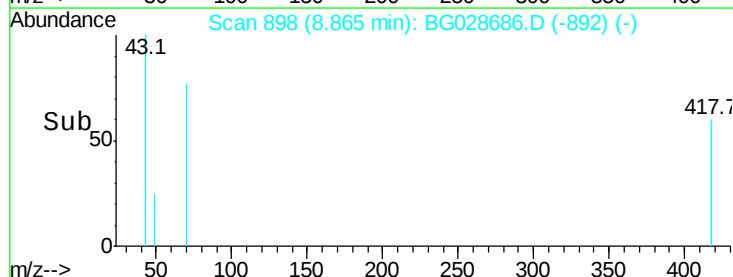
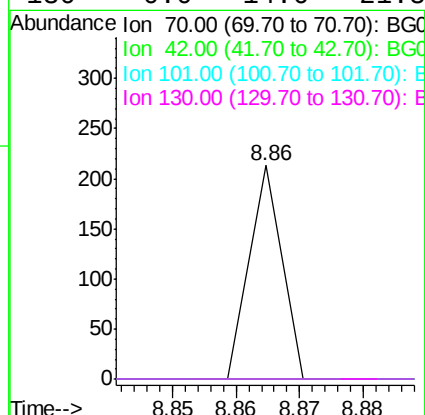
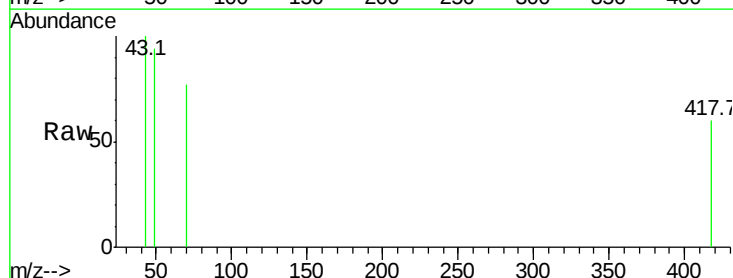
Ion Ratio Lower Upper

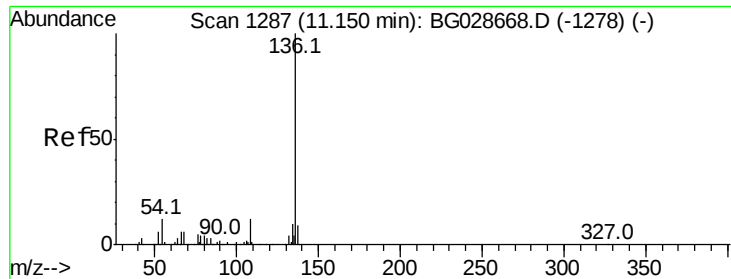
70 100

42 0.0 56.1 84.1#

101 0.0 7.5 11.3#

130 0.0 14.6 21.8#

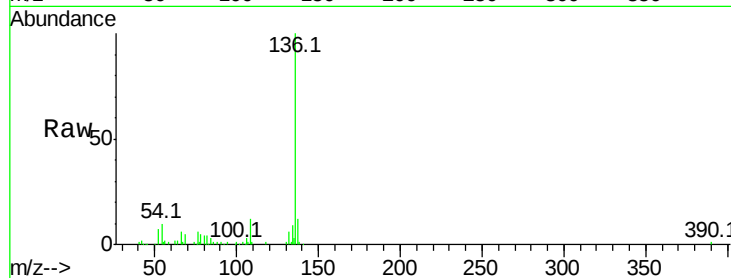




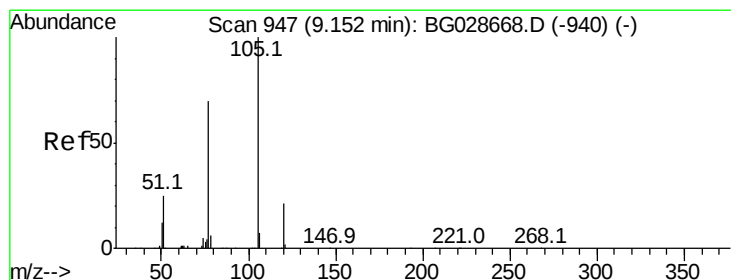
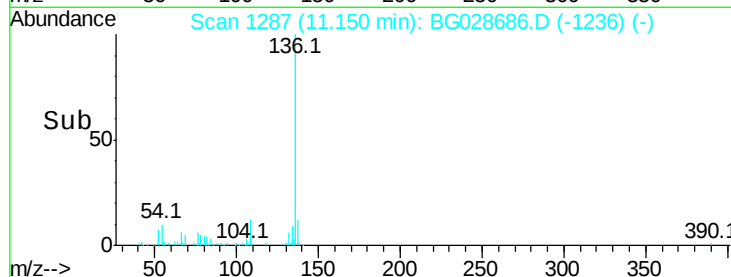
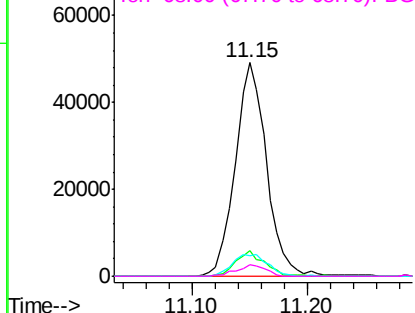
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BG028686.D
Acq: 13 Sep 2017 1:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	92111
Ion	Ratio	Lower Upper
136	100	
137	12.2	8.9 13.3
54	9.9	9.3 13.9
68	5.2	5.1 7.7

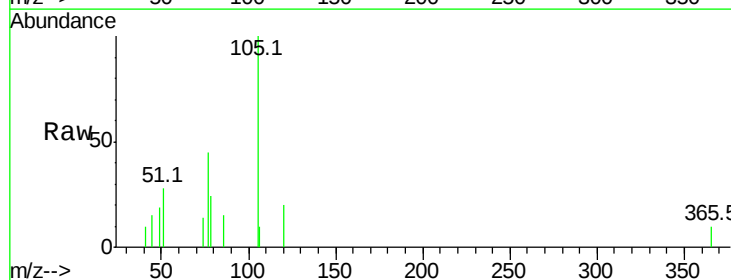


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

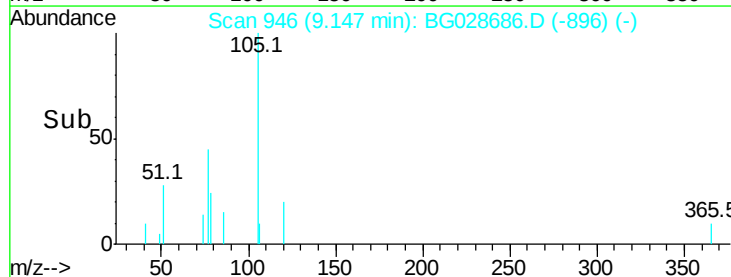
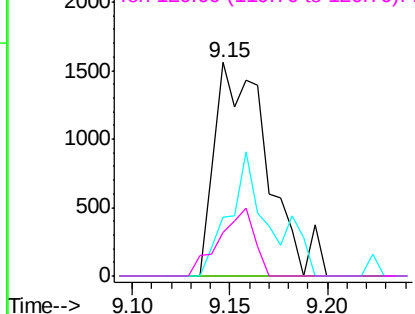


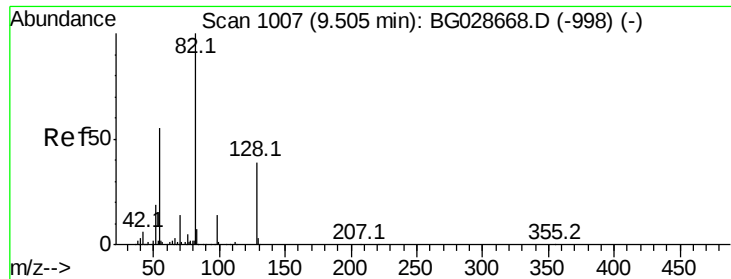
#22
Acetophenone
Concen: 1.082 ng
RT: 9.15 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG028686.D
Acq: 13 Sep 2017 1:46

Tgt Ion:105	Resp:	2913
Ion	Ratio	Lower Upper
105	100	
71	0.0	0.9 1.3#
51	27.6	34.0 51.0#
120	20.1	17.3 25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

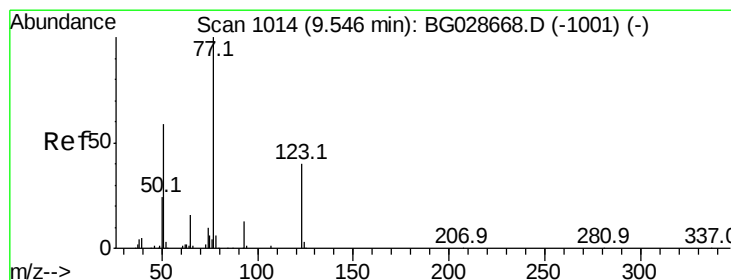
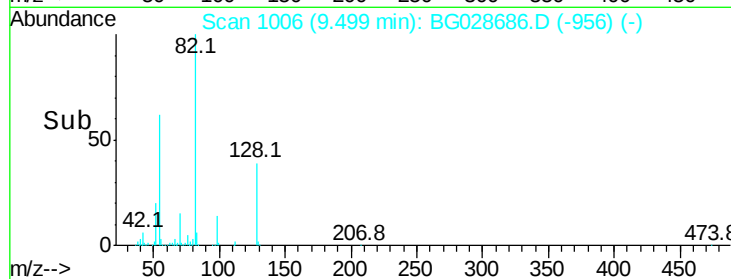
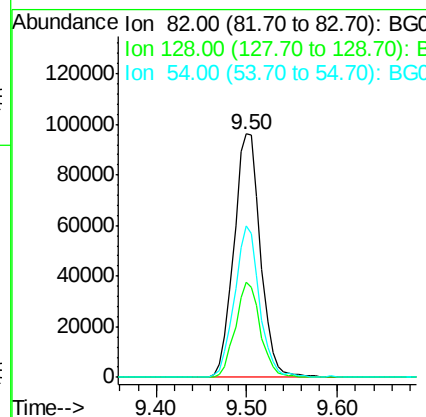
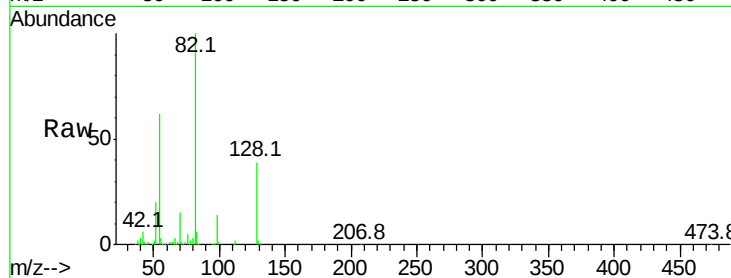




#23
Nitrobenzene-d5
Concen: 102.363 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028686.D
Acq: 13 Sep 2017 1:46

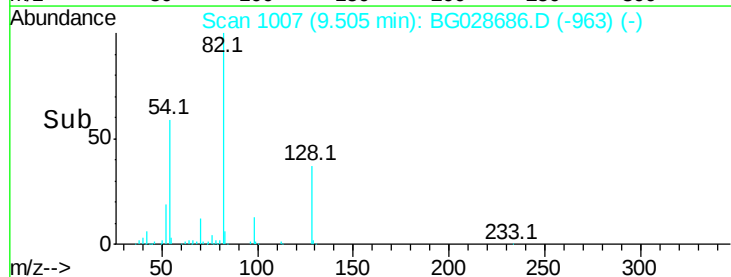
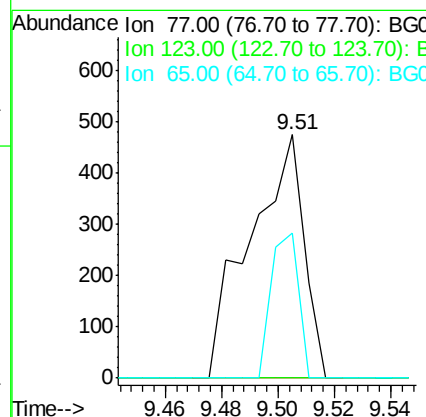
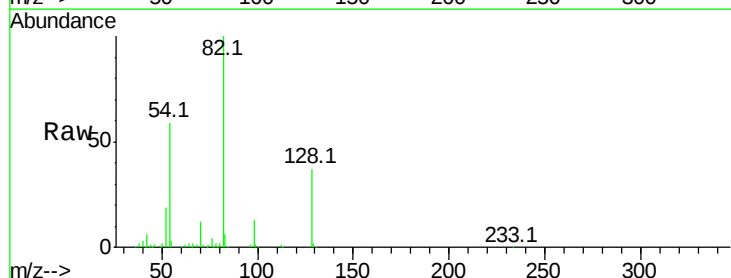
Instrument :
BNA_G
ClientSampleId :

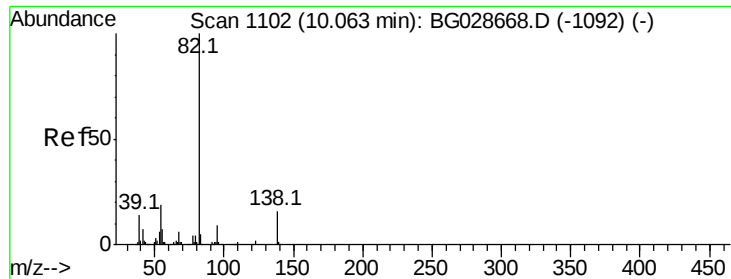
Tot Ion: 82 Resp: 197101
Ion Ratio Lower Upper
82 100
128 39.0 26.4 39.6
54 62.4 49.4 74.2



#24
Nitrobenzene
Concen: 0.294 ng
RT: 9.51 min Scan# 1007
Delta R.T. -0.04 min
Lab File: BG028686.D
Acq: 13 Sep 2017 1:46

Tgt Ion: 77 Resp: 627
Ion Ratio Lower Upper
77 100
123 0.0 26.1 39.1#
65 59.5 12.4 18.6#





#25

Isophorone

Concen: 0.029 ng

RT: 10.05 min Scan# 1099

Delta R.T. -0.02 min

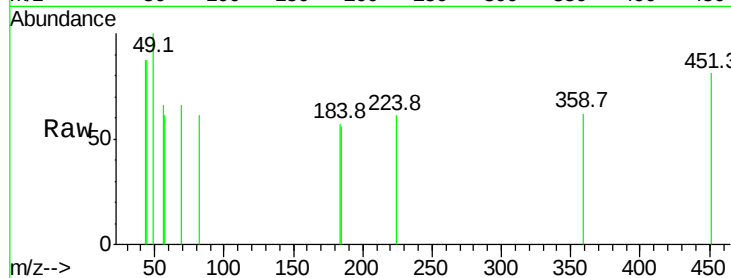
Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

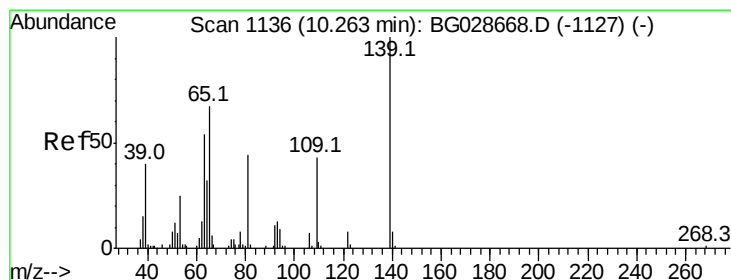
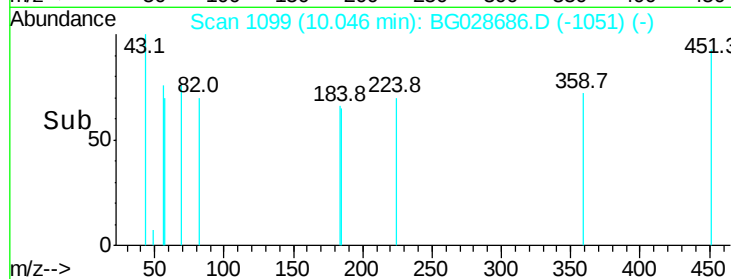
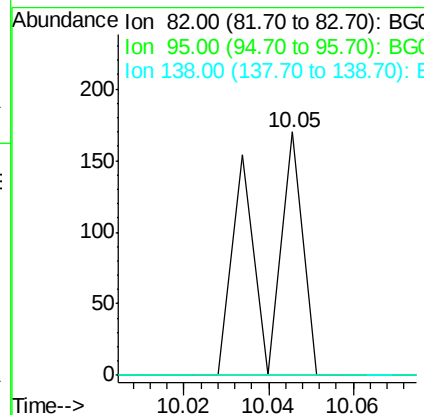
Instrument :

BNA_G

ClientSampled :



Tot Ion:	82	Resp:	114
Ion	Ratio	Lower	Upper
82	100		
95	0.0	7.5	11.3#
138	0.0	12.3	18.5#



#26

2-Nitrophenol

Concen: 0.073 ng

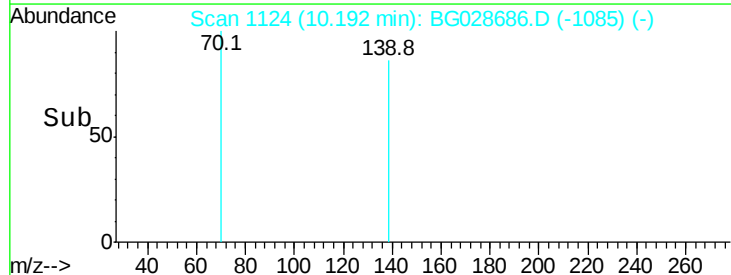
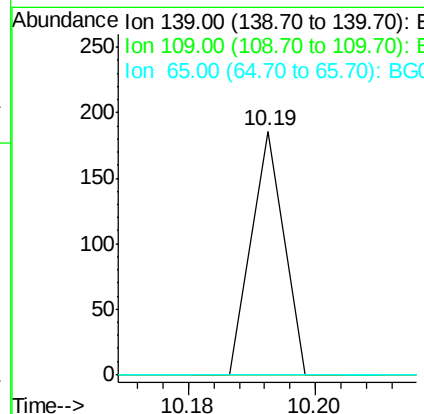
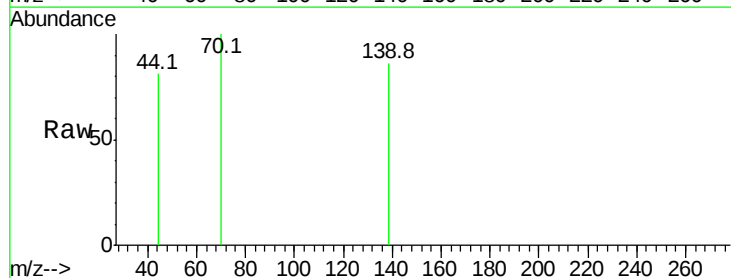
RT: 10.19 min Scan# 1124

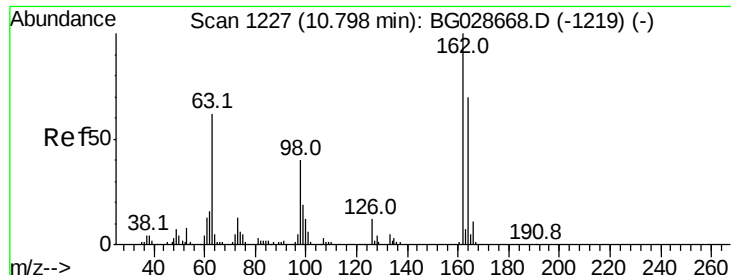
Delta R.T. -0.07 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

Tgt Ion:	139	Resp:	66
Ion	Ratio	Lower	Upper
139	100		
109	0.0	38.6	58.0#
65	0.0	57.1	85.7#





#29

2,4-Dichlorophenol

Concen: 0.051 ng

RT: 10.98 min Scan# 1258

Delta R.T. 0.18 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

Instrument :

BNA_G

ClientSampleId :

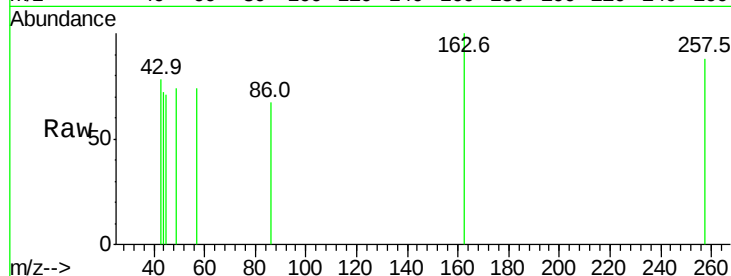
Tot Ion:162 Resp: 84

Ion Ratio Lower Upper

162 100

164 0.0 42.4 82.4#

98 0.0 20.3 60.3#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC

10.98

250

200

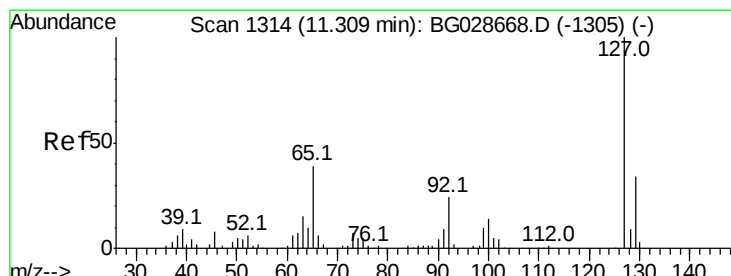
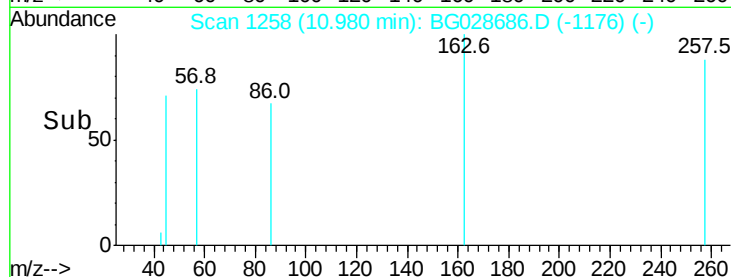
150

100

50

0

Time-->



#33

4-Chloroaniline

Concen: 0.034 ng

RT: 11.14 min Scan# 1286

Delta R.T. -0.16 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

Tgt Ion:127 Resp: 69

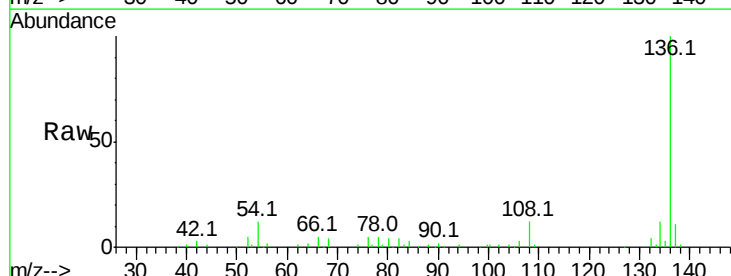
Ion Ratio Lower Upper

127 100

129 0.0 23.6 35.4#

65 0.0 37.7 56.5#

92 0.0 17.6 26.4#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

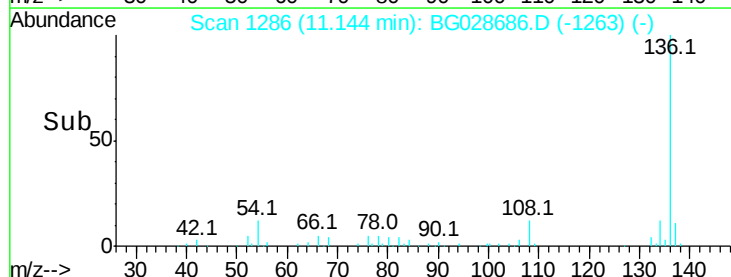
11.14

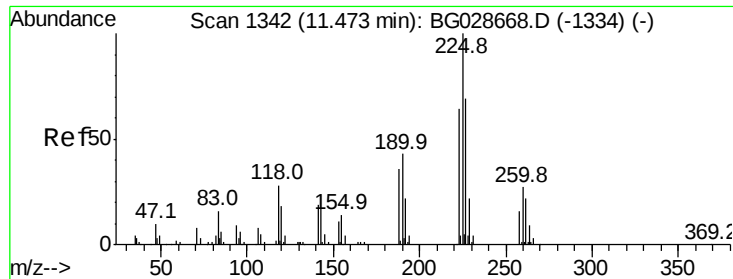
200

100

0

Time-->

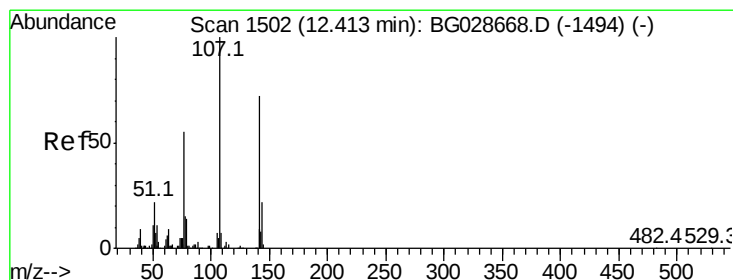
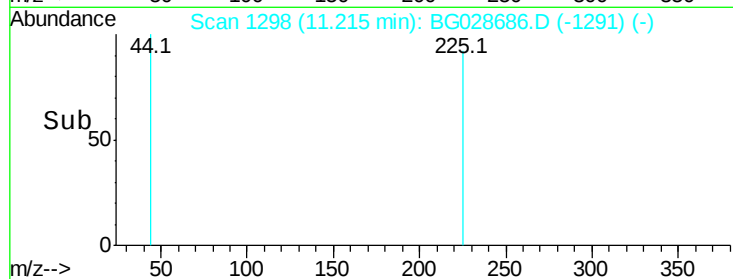
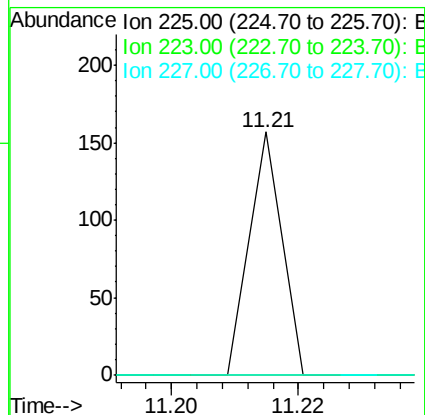
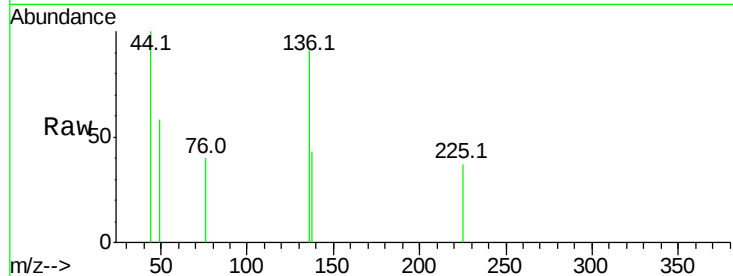




#34
Hexachlorobutadiene
Concen: 0.040 ng
RT: 11.21 min Scan# 1298
Delta R.T. -0.26 min
Lab File: BG028686.D
Acq: 13 Sep 2017 1:46

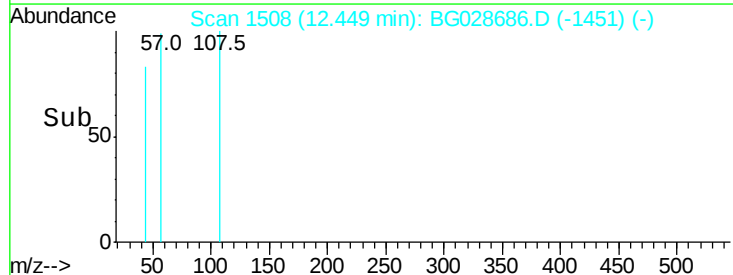
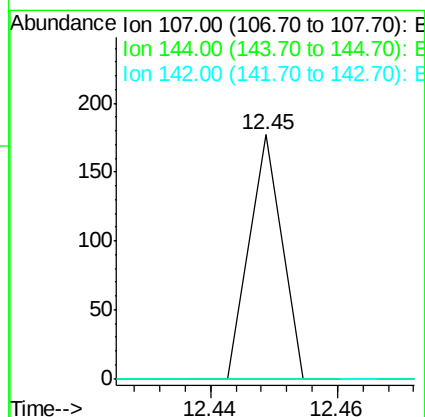
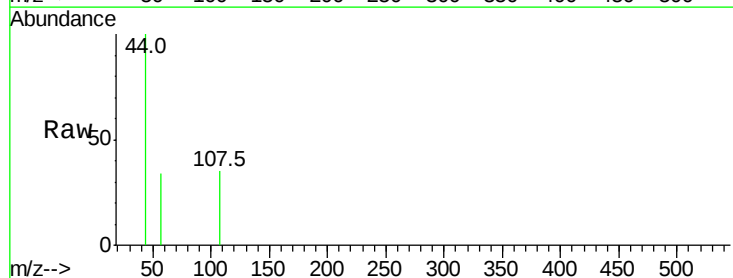
Instrument :
BNA_G
ClientSampleId :

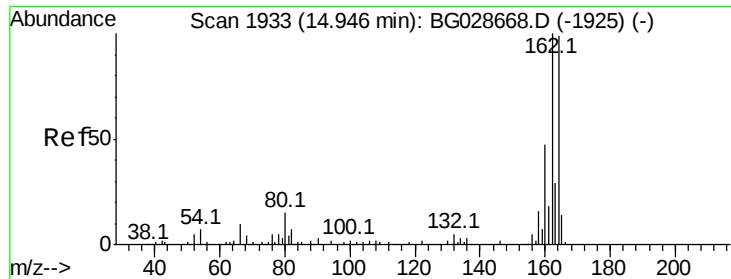
Tot Ion:225 Resp: 55
Ion Ratio Lower Upper
225 100
223 0.0 50.7 76.1#
227 0.0 49.0 73.6#



#36
4-Chloro-3-methylphenol
Concen: 0.029 ng
RT: 12.45 min Scan# 1508
Delta R.T. 0.04 min
Lab File: BG028686.D
Acq: 13 Sep 2017 1:46

Tgt Ion:107 Resp: 62
Ion Ratio Lower Upper
107 100
144 0.0 17.4 26.0#
142 0.0 54.1 81.1#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

Instrument :

BNA_G

ClientSampleId :

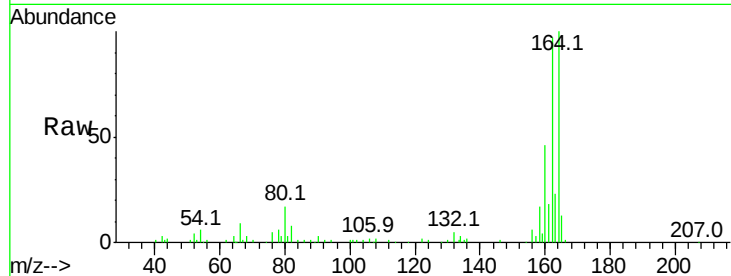
Tot Ion:164 Resp: 73148

Ion Ratio Lower Upper

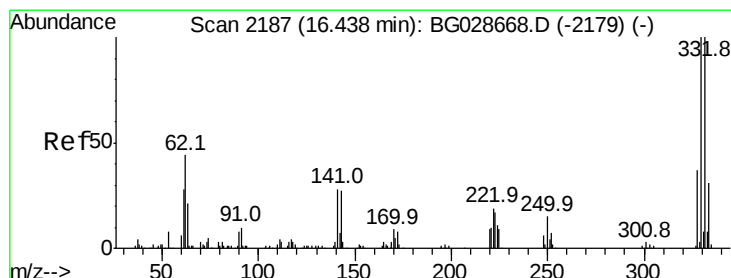
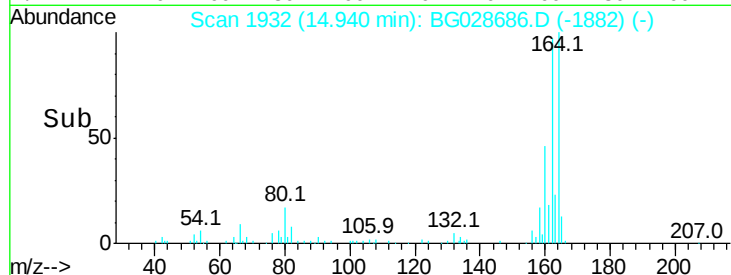
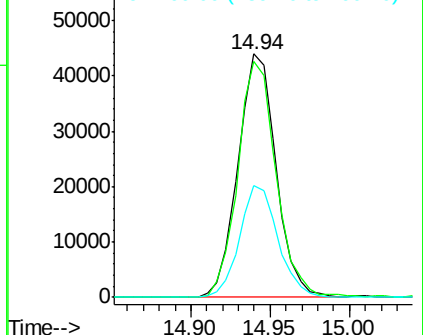
164 100

162 96.7 85.1 127.7

160 45.9 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: 169.035 ng

RT: 16.43 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

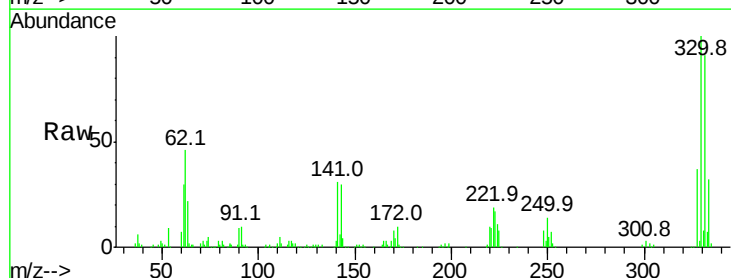
Tgt Ion:330 Resp: 204503

Ion Ratio Lower Upper

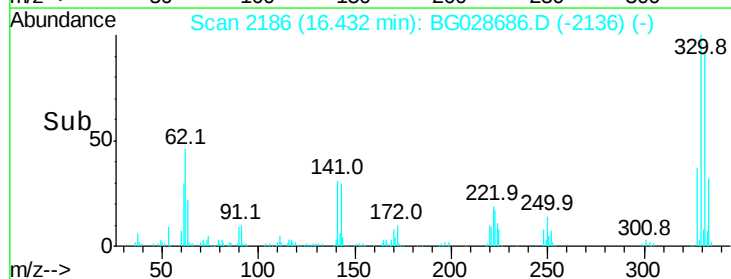
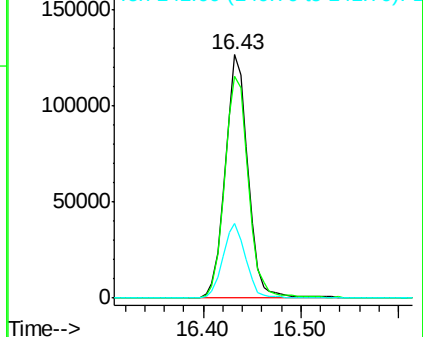
330 100

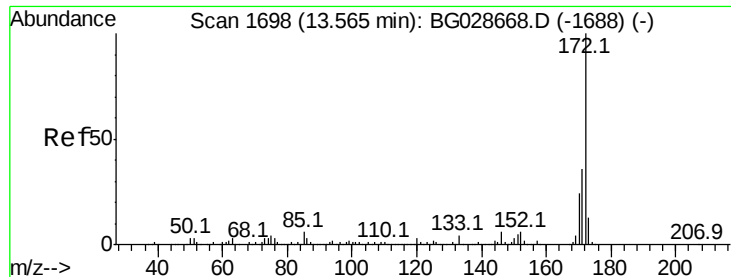
332 95.4 77.3 115.9

141 31.0 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

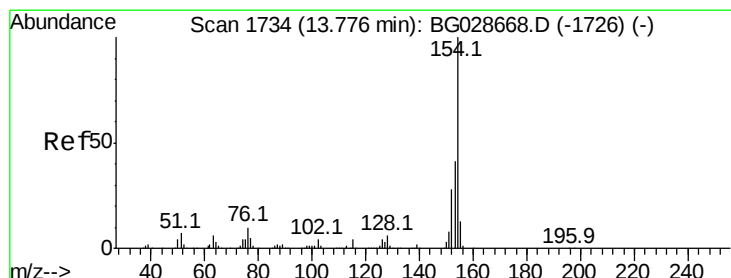
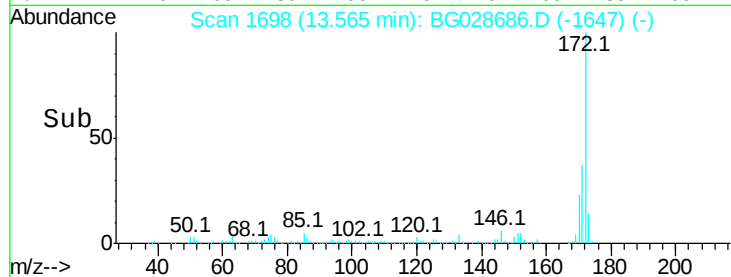
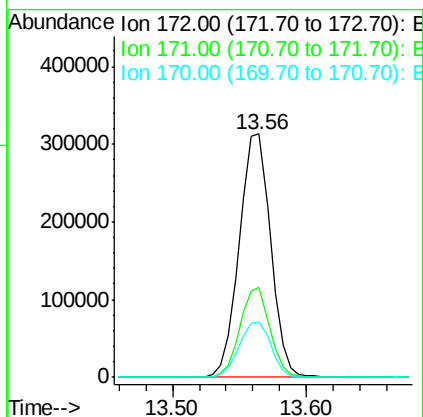
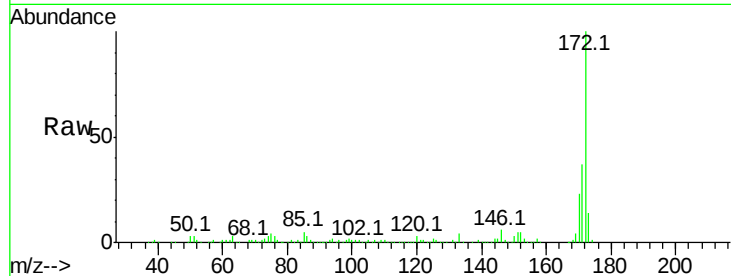




#44
2-Fluorobiphenyl
Concen: 92.962 ng
RT: 13.56 min Scan# 1698
Delta R.T. 0.00 min
Lab File: BG028686.D
Acq: 13 Sep 2017 1:46

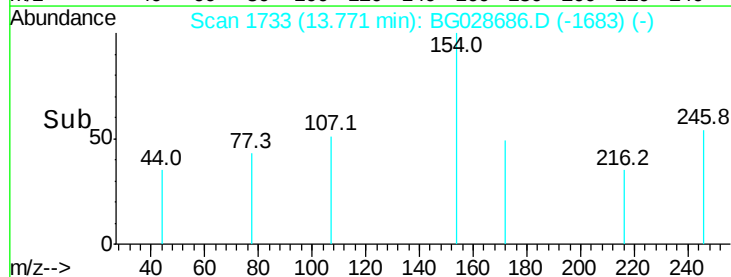
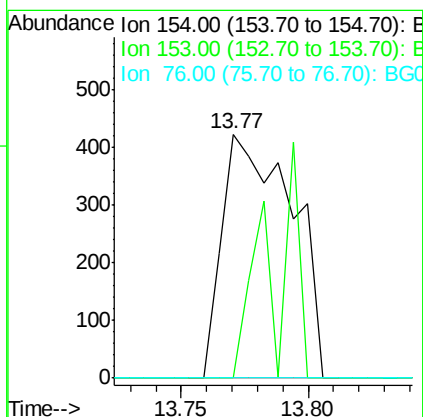
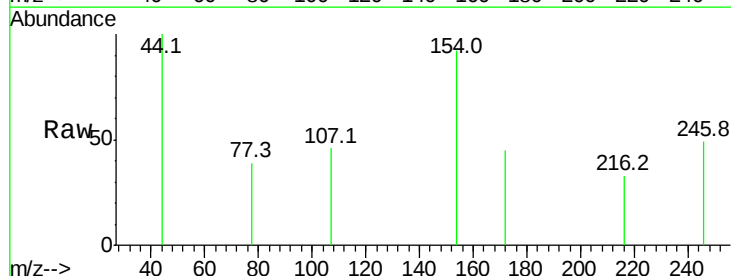
Instrument :
BNA_G
ClientSampleId :

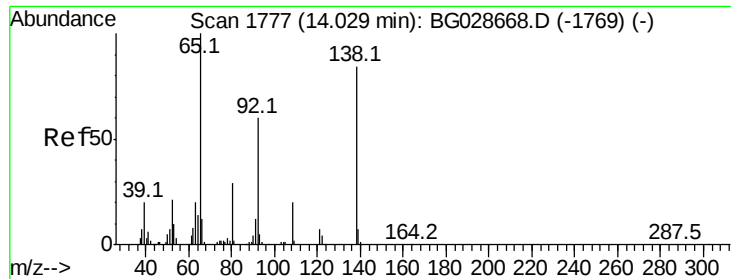
Tot Ion:172 Resp: 509966
Ion Ratio Lower Upper
172 100
171 37.0 32.2 48.2
170 22.8 21.8 32.6



#45
1,1'-Biphenyl
Concen: 0.135 ng
RT: 13.77 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG028686.D
Acq: 13 Sep 2017 1:46

Tgt Ion:154 Resp: 817
Ion Ratio Lower Upper
154 100
153 0.0 23.0 63.0#
76 0.0 0.0 33.5





#47

2-Nitroaniline

Concen: 0.041 ng

RT: 13.98 min Scan# 1768

Delta R.T. -0.05 min

Lab File: BG028686.D

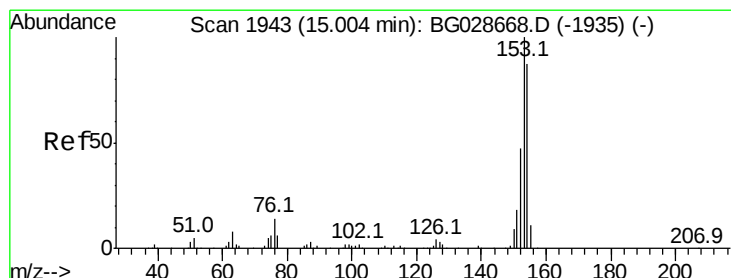
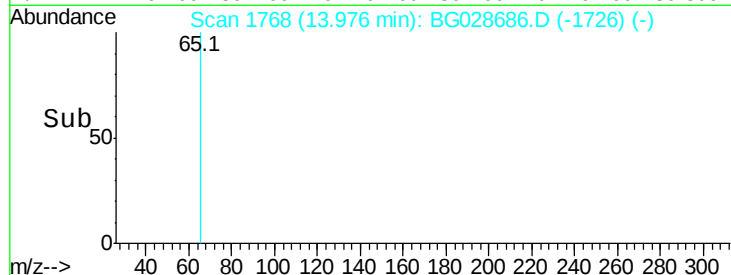
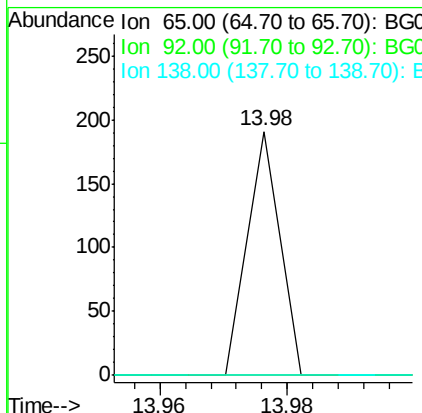
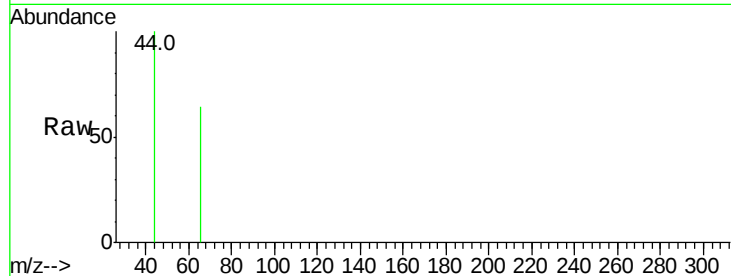
Acq: 13 Sep 2017 1:46

Instrument :

BNA_G

ClientSampled :

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



#51

Acenaphthene

Concen: 0.030 ng

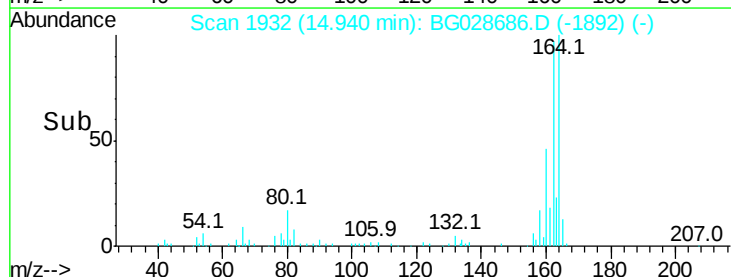
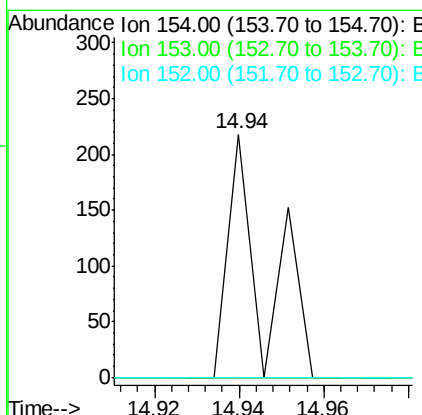
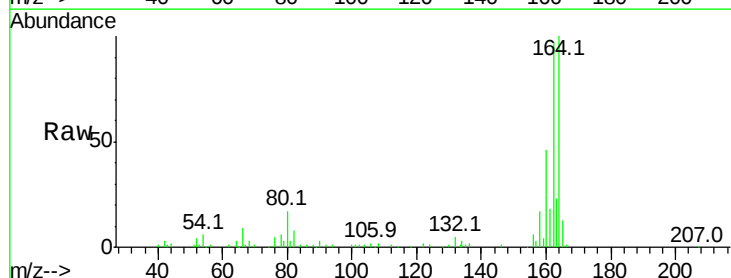
RT: 14.94 min Scan# 1932

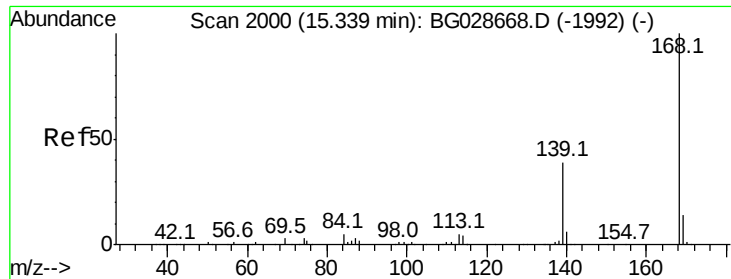
Delta R.T. -0.06 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

Tgt Ion:	154	Resp:	130
Ion	Ratio	Lower	Upper
154	100		
153	0.0	87.8	131.6#
152	0.0	42.2	63.4#

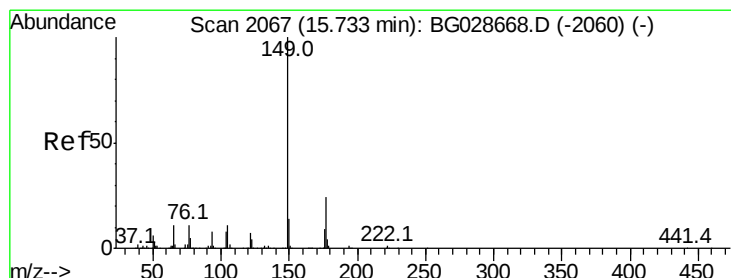
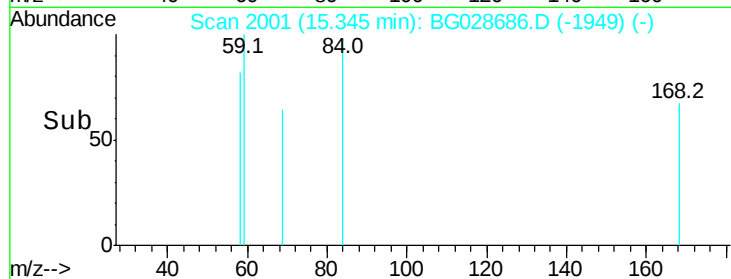
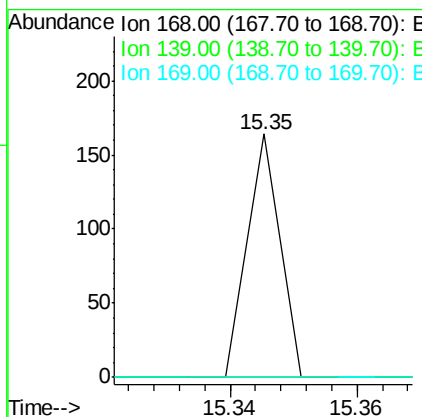
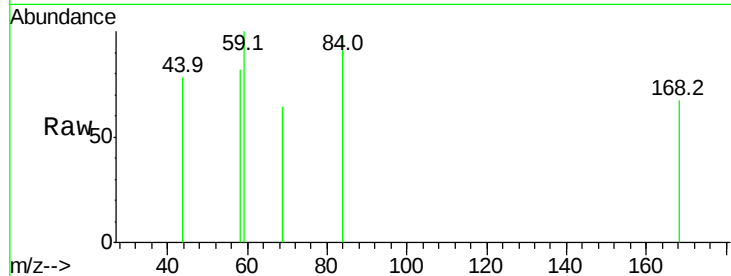




#54
Dibenzenofuran
Concen: 0.008 ng
RT: 15.35 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BG028668.D
Acq: 13 Sep 2017 1:46

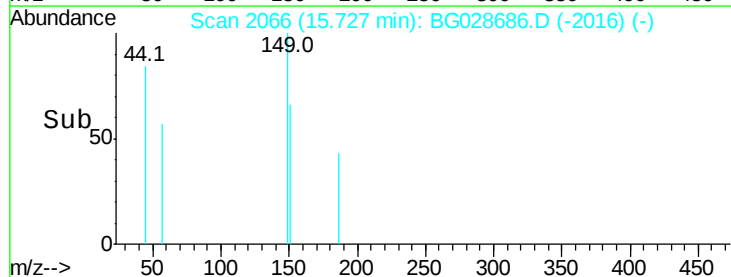
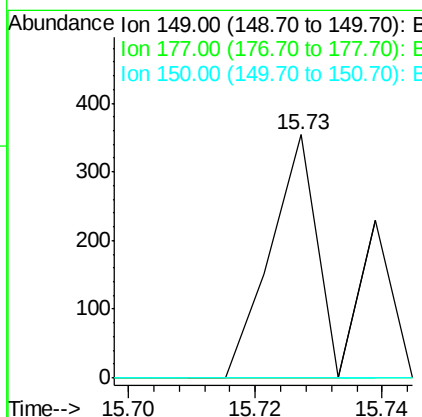
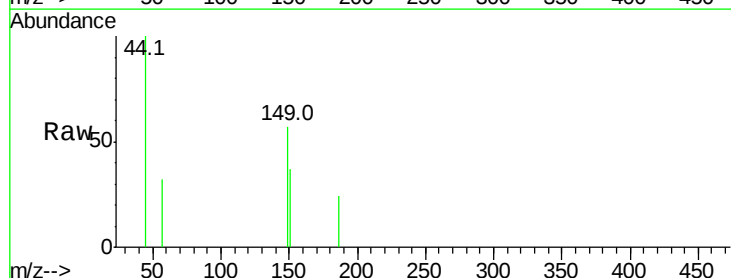
Instrument :
BNA_G
ClientSampled :

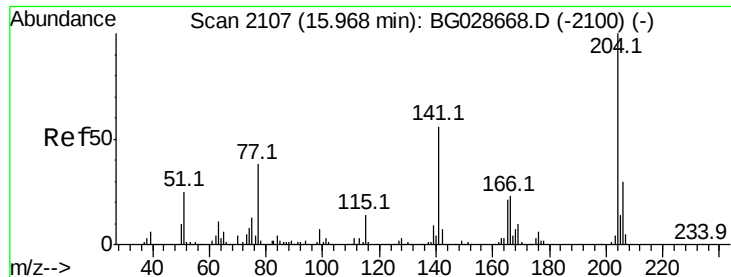
Tot Ion:168 Resp: 58
Ion Ratio Lower Upper
168 100
139 0.0 35.3 52.9#
169 0.0 11.5 17.3#



#59
Diethylphthalate
Concen: 0.028 ng
RT: 15.73 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BG028668.D
Acq: 13 Sep 2017 1:46

Tgt Ion:149 Resp: 178
Ion Ratio Lower Upper
149 100
177 0.0 20.1 30.1#
150 0.0 10.2 15.2#

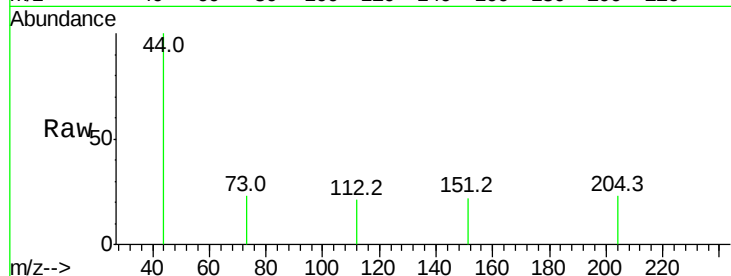




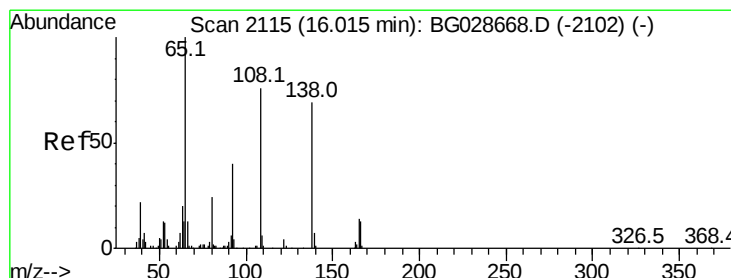
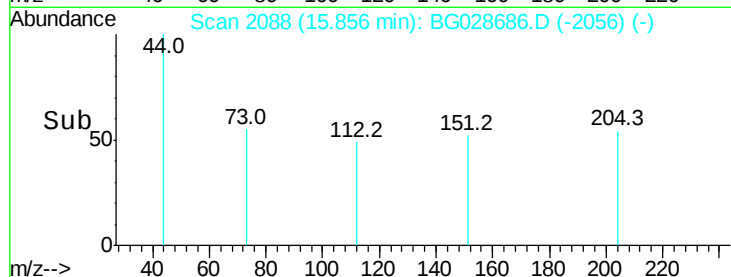
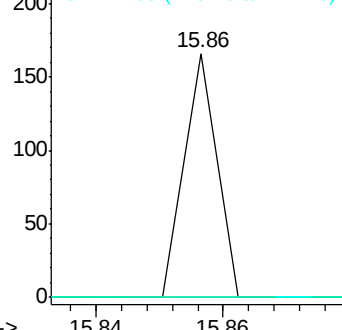
#60
4-Chlorophenyl-phenylether
Concen: 0.017 ng
RT: 15.86 min Scan# 2088
Delta R.T. -0.11 min
Lab File: BG028686.D
Acq: 13 Sep 2017 1:46

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 59
Ion Ratio Lower Upper
204 100
206 0.0 30.1 45.1#
141 0.0 50.6 76.0#

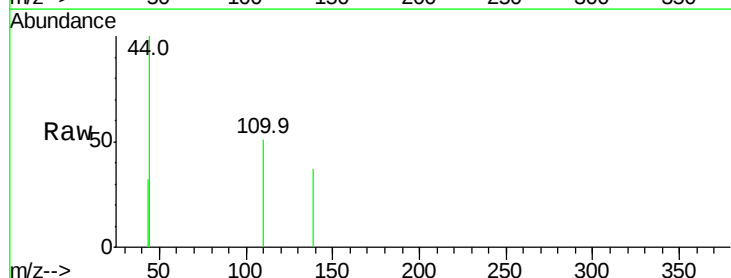


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

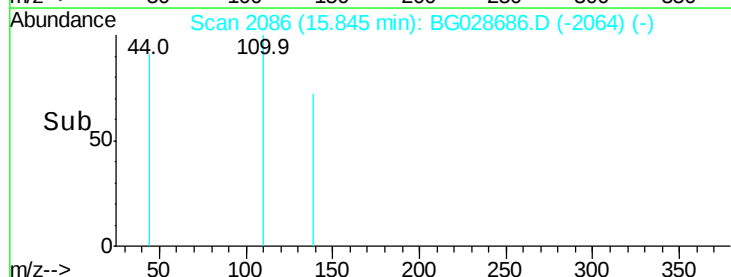
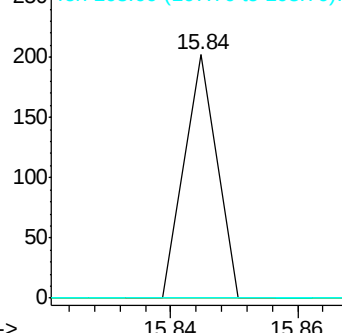


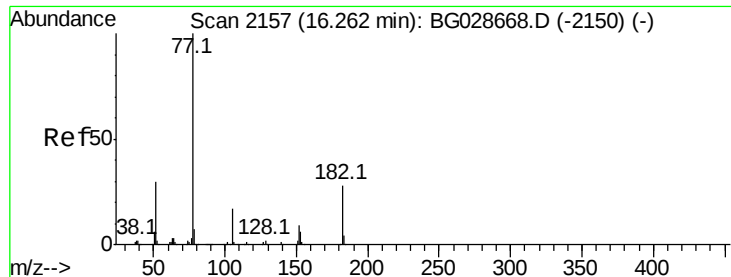
#61
4-Nitroaniline
Concen: 0.056 ng
RT: 15.84 min Scan# 2086
Delta R.T. -0.17 min
Lab File: BG028686.D
Acq: 13 Sep 2017 1:46

Tgt Ion:138 Resp: 71
Ion Ratio Lower Upper
138 100
92 0.0 44.2 84.2#
108 0.0 104.8 144.8#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

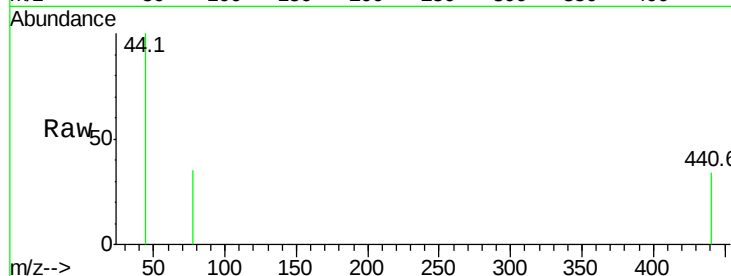




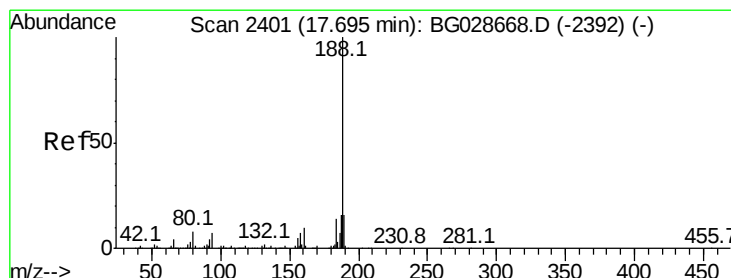
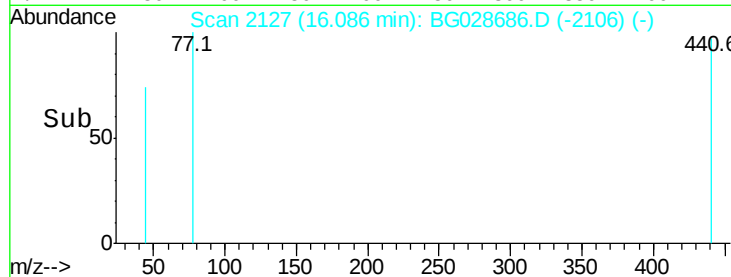
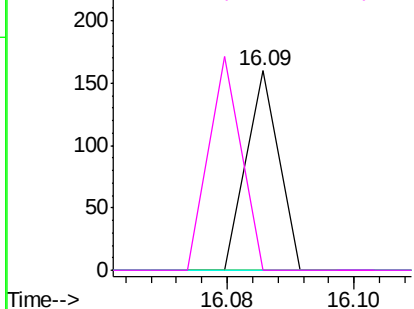
#62
Azobenzene
Concen: 0.011 ng
RT: 16.09 min Scan# 2127
Delta R.T. -0.18 min
Lab File: BG028686.D
Acq: 13 Sep 2017 1:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 56
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#

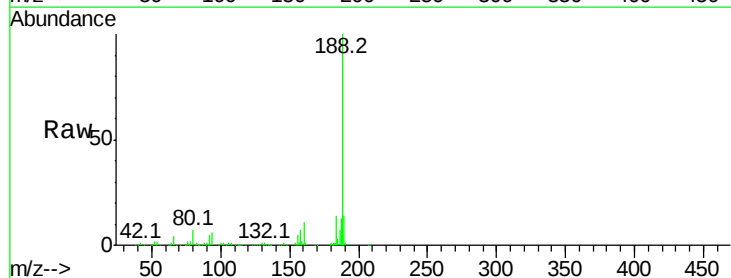


Abundance Ion 77.00 (76.70 to 77.70): BG028686.D (-2106) (-)
Ion 182.00 (181.70 to 182.70): BG028686.D (-2106) (-)
Ion 105.00 (104.70 to 105.70): BG028686.D (-2106) (-)
Ion 51.00 (50.70 to 51.70): BG028686.D (-2106) (-)

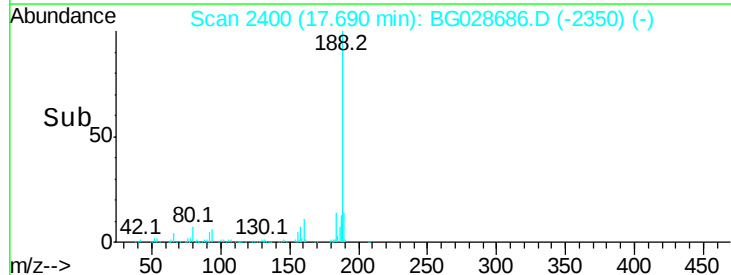
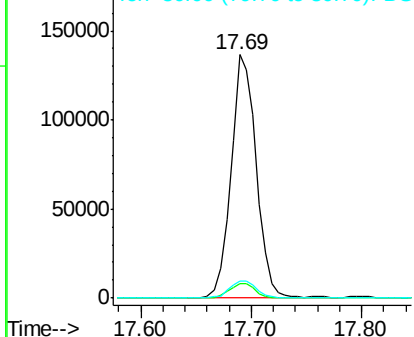


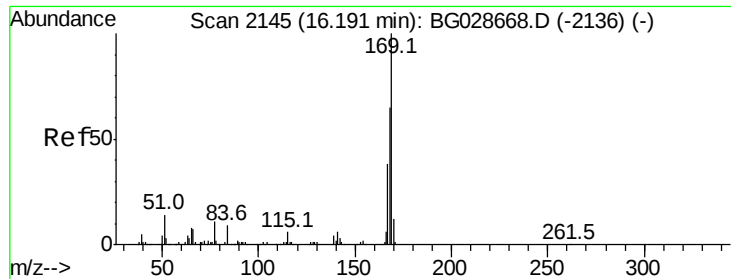
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG028686.D
Acq: 13 Sep 2017 1:46

Tgt Ion: 188 Resp: 218924
Ion Ratio Lower Upper
188 100
94 6.2 5.8 8.8
80 6.8 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): BG028686.D (-2350) (-)
Ion 94.00 (93.70 to 94.70): BG028686.D (-2350) (-)
Ion 80.00 (79.70 to 80.70): BG028686.D (-2350) (-)





#65

n-Nitrosodiphenylamine

Concen: 1.070 ng

RT: 16.43 min Scan# 2186

Delta R.T. 0.24 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

Instrument :

BNA_G

ClientSampleId :

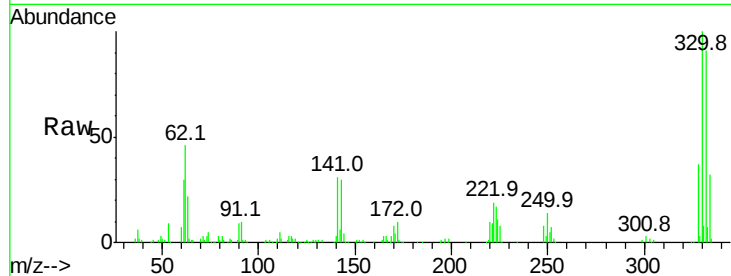
Tot Ion:169 Resp: 6714

Ion Ratio Lower Upper

169 100

168 8.7 55.7 83.5#

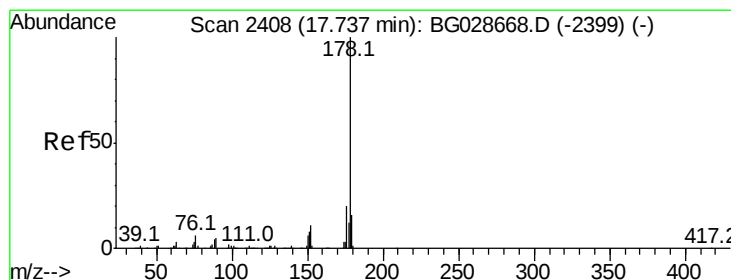
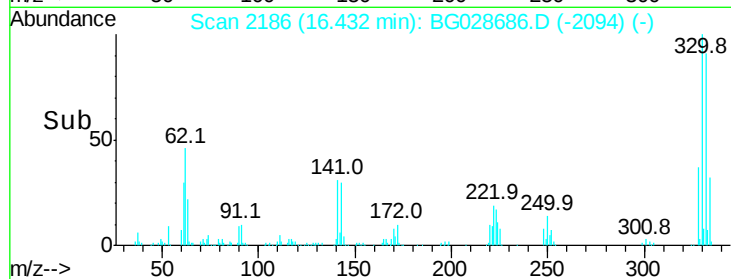
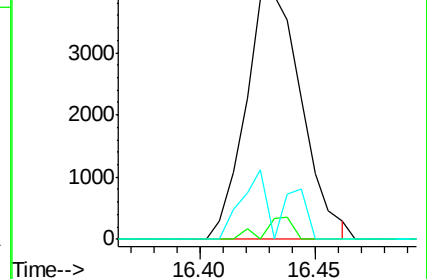
167 0.0 29.8 44.6#



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



#70

Phenanthrene

Concen: 0.005 ng

RT: 17.89 min Scan# 2434

Delta R.T. 0.15 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

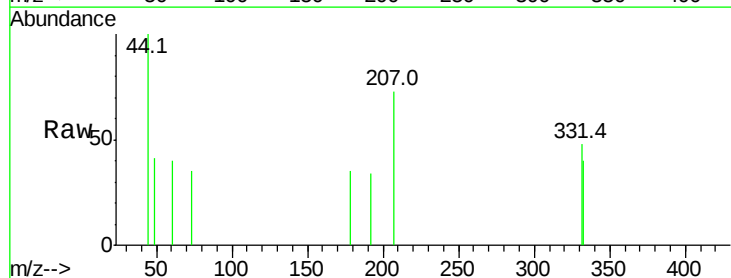
Tgt Ion:178 Resp: 56

Ion Ratio Lower Upper

178 100

176 0.0 17.7 26.5#

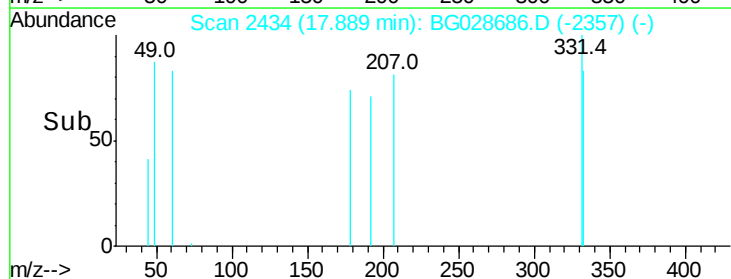
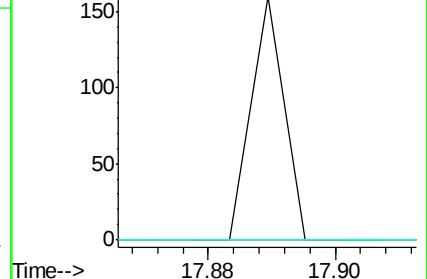
179 0.0 15.0 22.6#

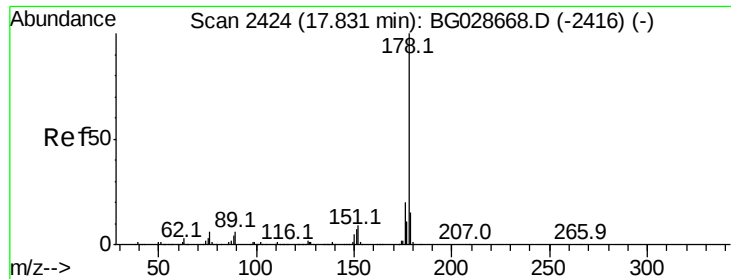


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.005 ng

RT: 17.89 min Scan# 2434

Delta R.T. 0.06 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

Instrument :

BNA_G

ClientSampleId :

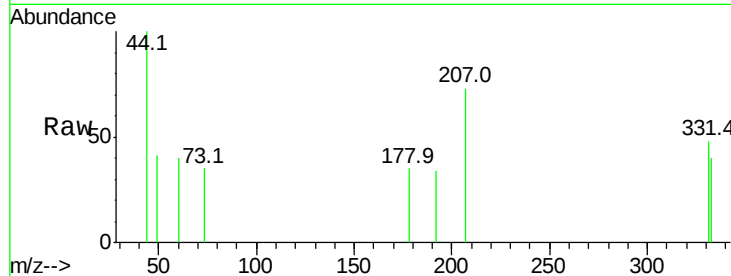
Tot Ion:178 Resp: 56

Ion Ratio Lower Upper

178 100

176 0.0 16.4 24.6#

179 0.0 13.8 20.8#

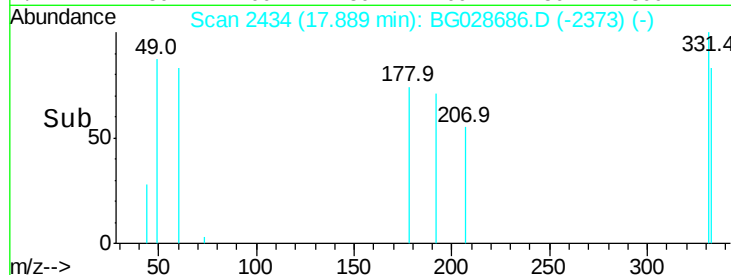


Abundance Ion 178.00 (177.70 to 178.70): E

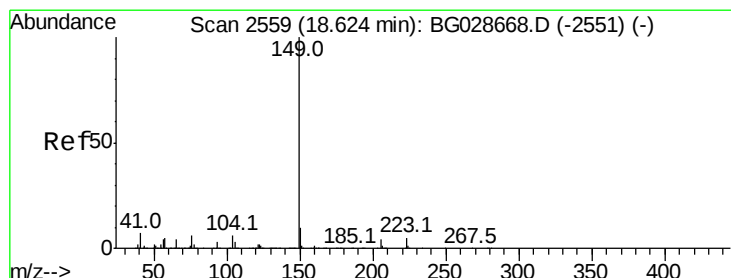
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.89



Time-->



#73

Di-n-butylphthalate

Concen: 0.099 ng

RT: 18.64 min Scan# 2561

Delta R.T. 0.01 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

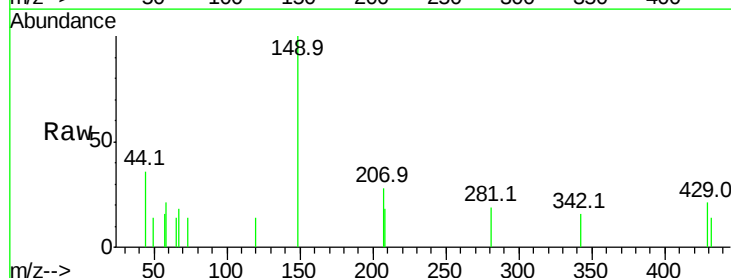
Tgt Ion:149 Resp: 1233

Ion Ratio Lower Upper

149 100

150 0.0 9.1 13.7#

104 0.0 6.7 10.1#

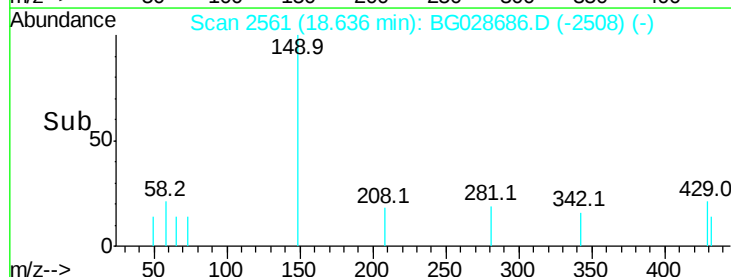


Abundance Ion 149.00 (148.70 to 149.70): E

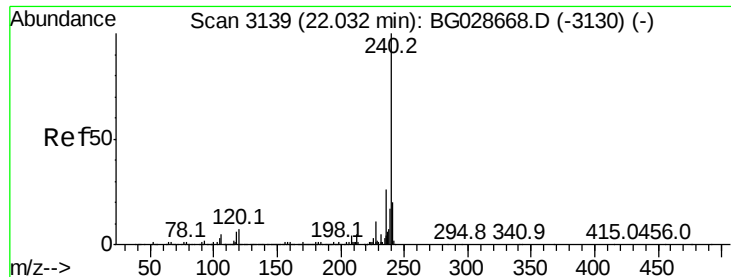
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.64



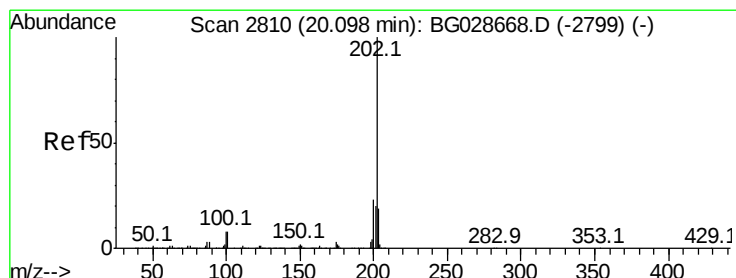
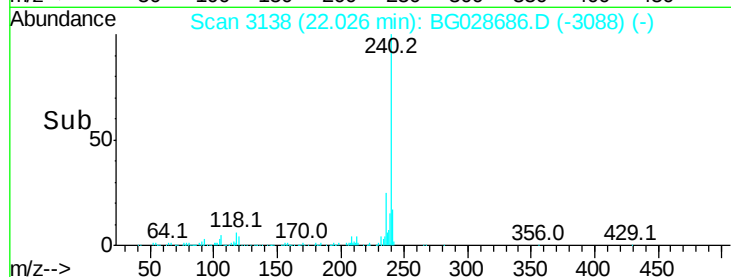
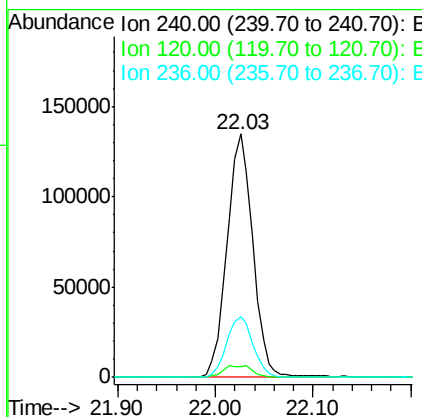
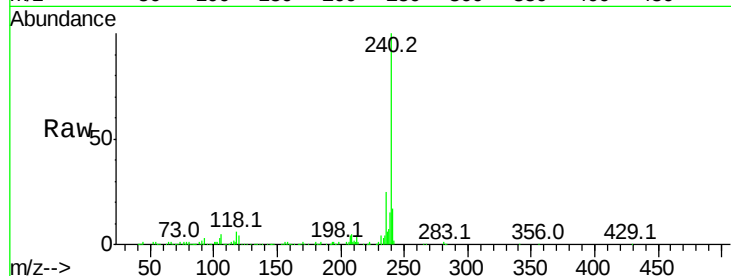
Time-->



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.03 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG028686.D
 Acq: 13 Sep 2017 1:46

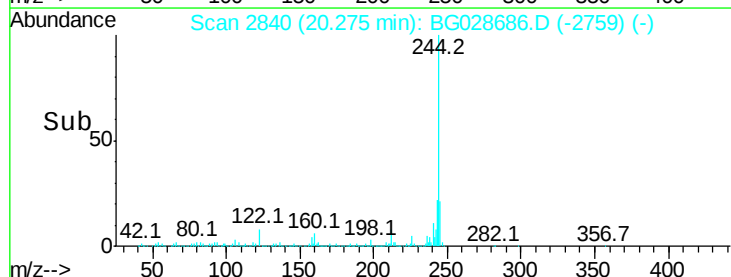
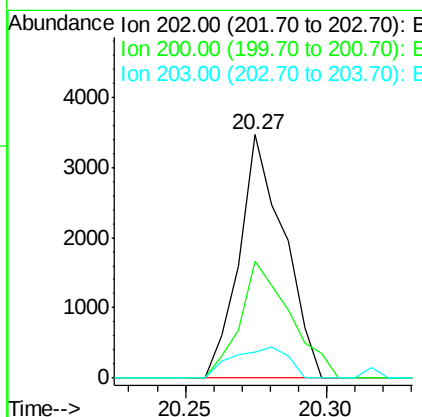
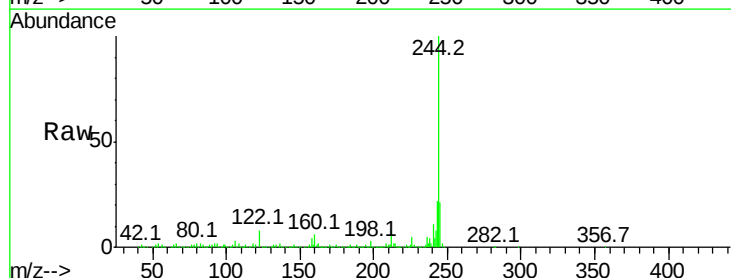
Instrument :
 BNA_G
 ClientSampleId :

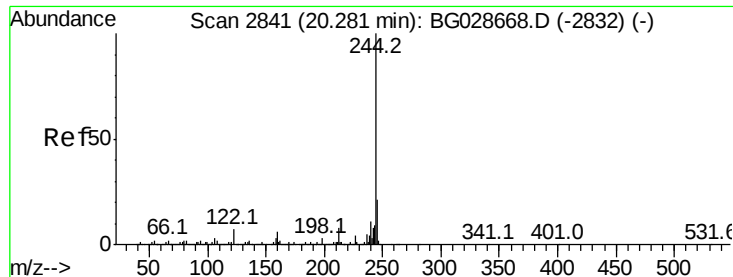
Tot Ion:240 Resp: 247643
 Ion Ratio Lower Upper
 240 100
 120 4.2 5.7 8.5#
 236 24.9 22.2 33.4



#77
 Pyrene
 Concen: 0.267 ng
 RT: 20.27 min Scan# 2840
 Delta R.T. 0.18 min
 Lab File: BG028686.D
 Acq: 13 Sep 2017 1:46

Tgt Ion:202 Resp: 3810
 Ion Ratio Lower Upper
 202 100
 200 48.1 19.6 29.4#
 203 10.5 15.8 23.8#





#78

Terphenyl-d14

Concen: 98.697 ng

RT: 20.28 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

Instrument :

BNA_G

ClientSampled :

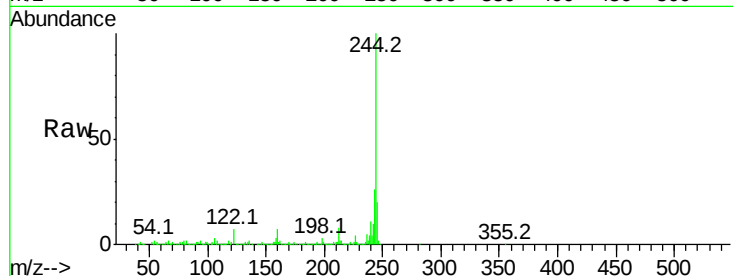
Tot Ion:244 Resp: 1146112

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

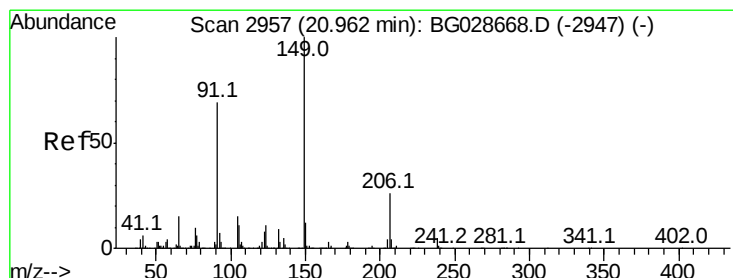
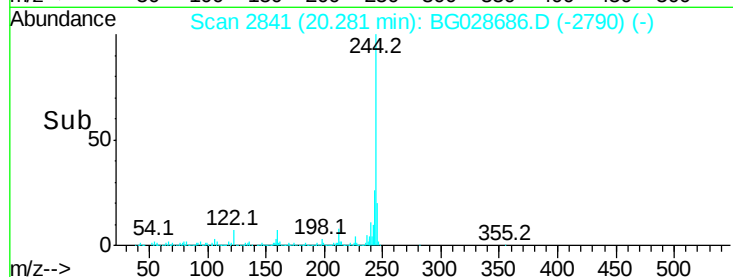
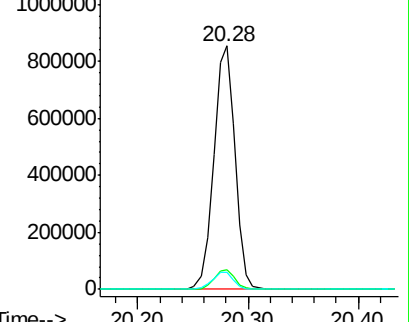
122 7.1 8.6 12.8#



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: 0.033 ng

RT: 20.96 min Scan# 2957

Delta R.T. 0.00 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

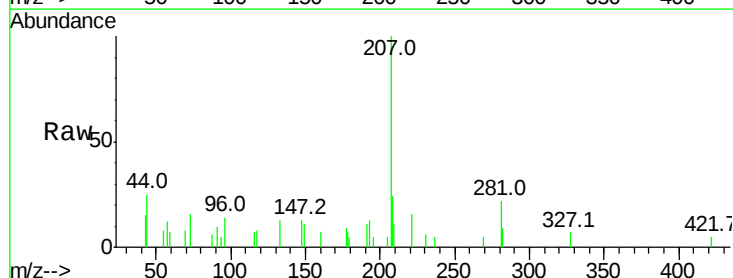
Tgt Ion:149 Resp: 192

Ion Ratio Lower Upper

149 100

91 91.3 63.5 95.3

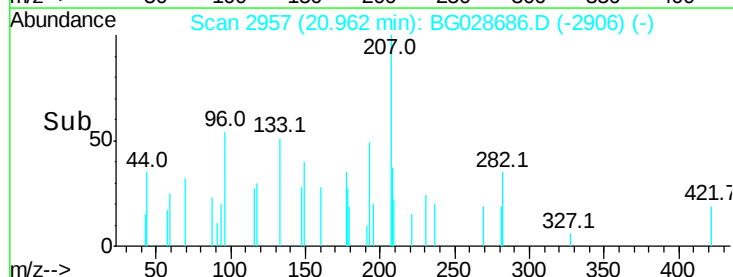
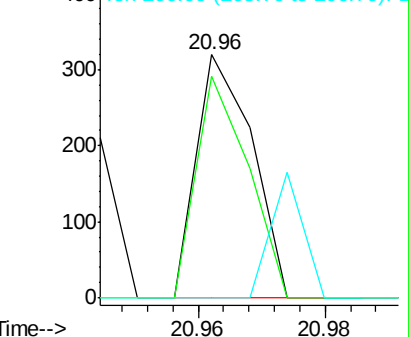
206 0.0 21.0 31.6#

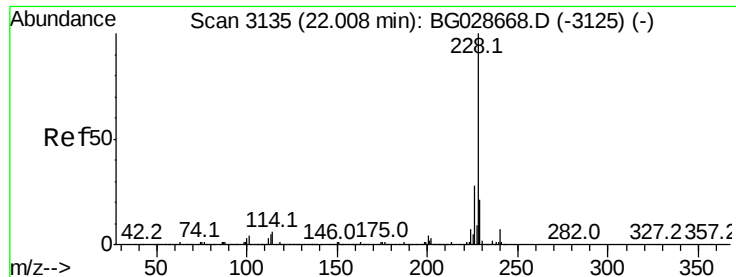


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.071 ng

RT: 22.03 min Scan# 3139

Delta R.T. 0.02 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

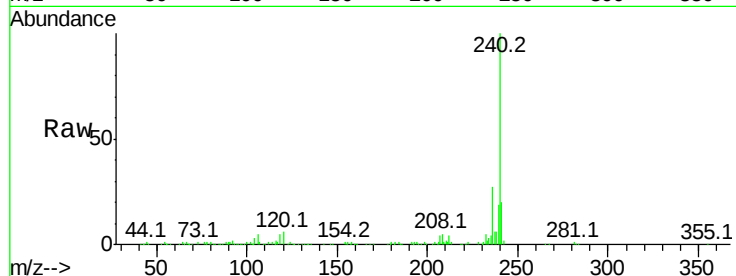
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1053

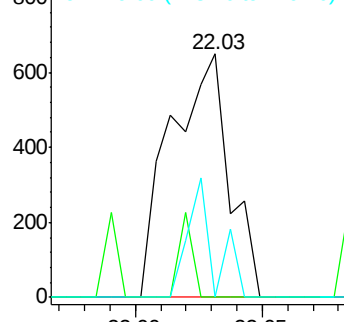
Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	18.2	27.2#



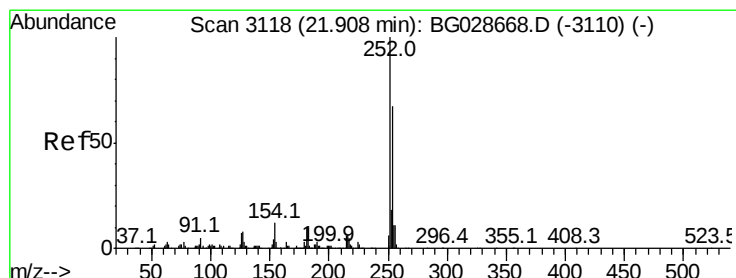
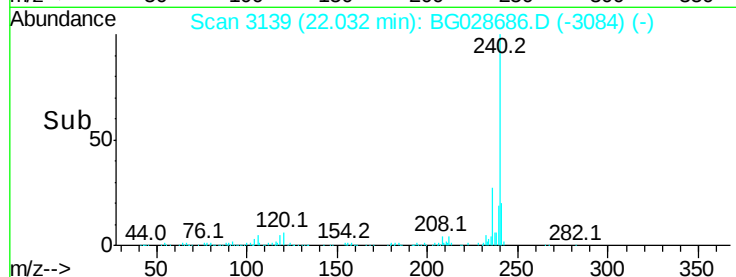
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#81

3,3'-Dichlorobenzidine

Concen: 0.010 ng

RT: 21.87 min Scan# 3111

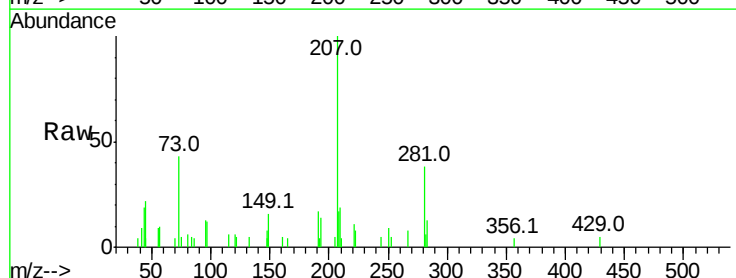
Delta R.T. -0.04 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

Tgt Ion:252 Resp: 62

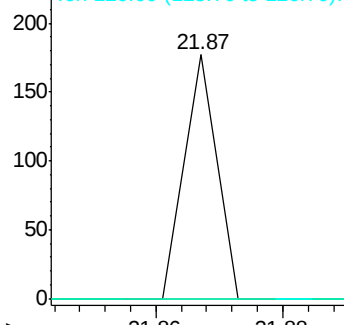
Ion	Ratio	Lower	Upper
252	100		
254	0.0	53.1	79.7#
126	0.0	7.0	10.4#



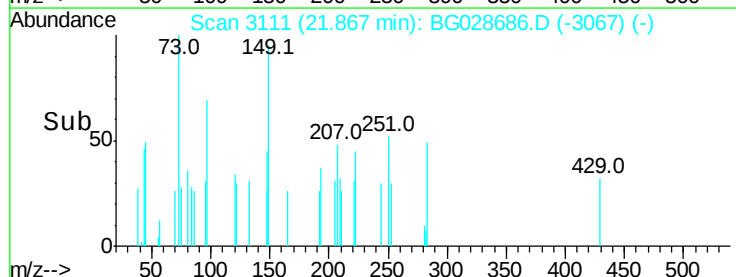
Abundance Ion 252.00 (251.70 to 252.70): E

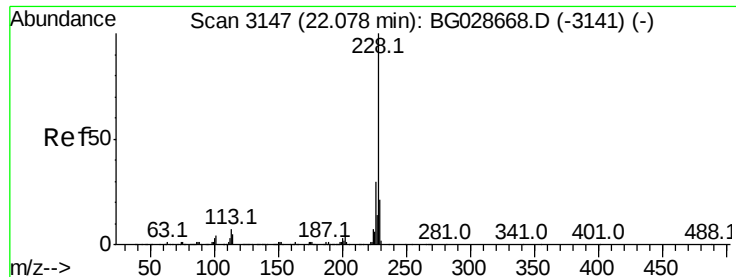
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->





#82

Chrysene

Concen: 0.074 ng

RT: 22.03 min Scan# 3139

Delta R.T. -0.05 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

Instrument :

BNA_G

ClientSampleId :

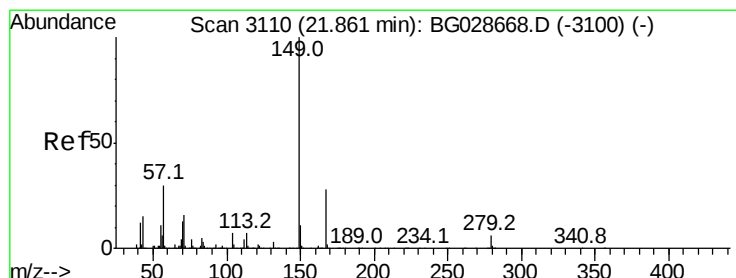
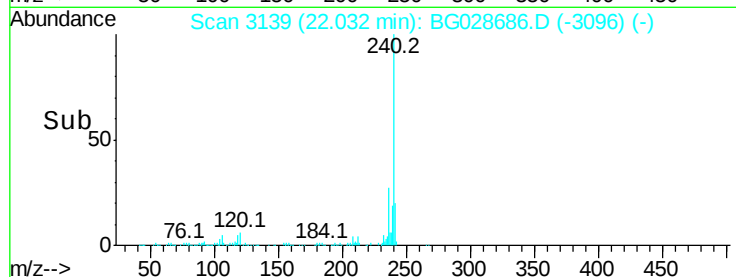
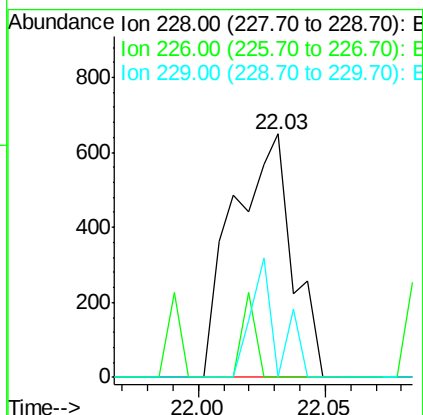
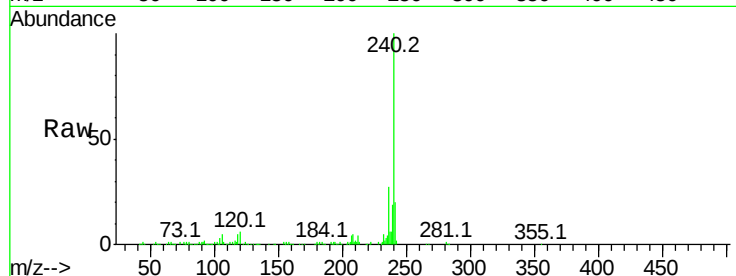
Tot Ion:228 Resp: 1053

Ion Ratio Lower Upper

228 100

226 0.0 27.0 40.4#

229 0.0 17.8 26.6#



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.139 ng

RT: 21.87 min Scan# 3111

Delta R.T. 0.01 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

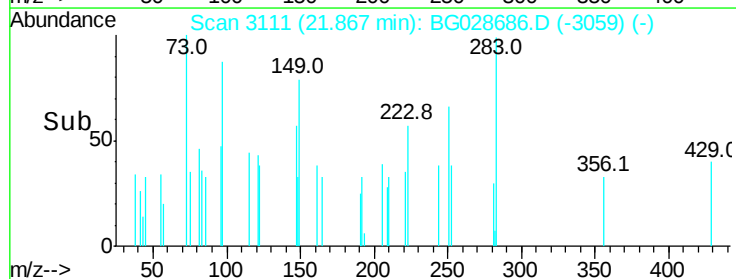
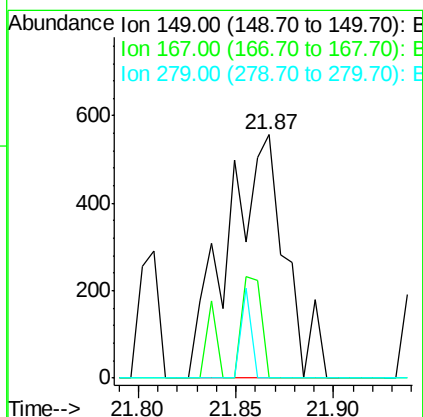
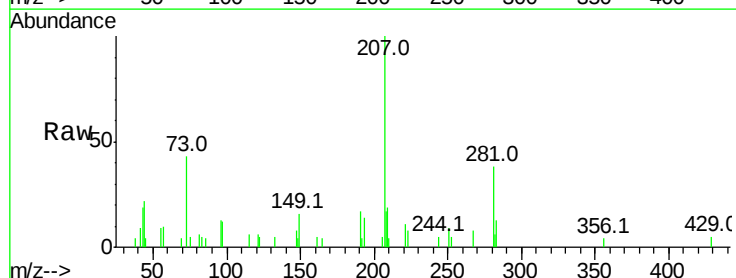
Tgt Ion:149 Resp: 1141

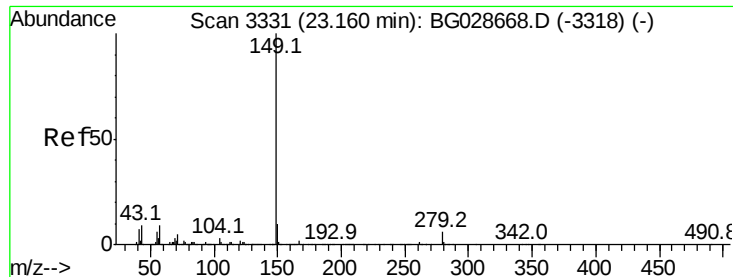
Ion Ratio Lower Upper

149 100

167 0.0 23.7 35.5#

279 0.0 4.6 6.8#

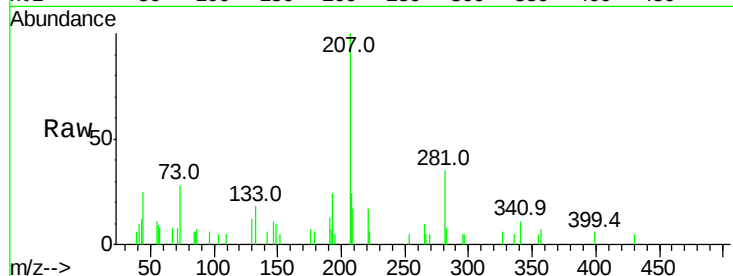




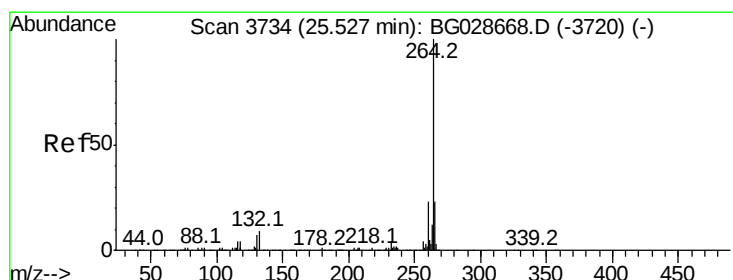
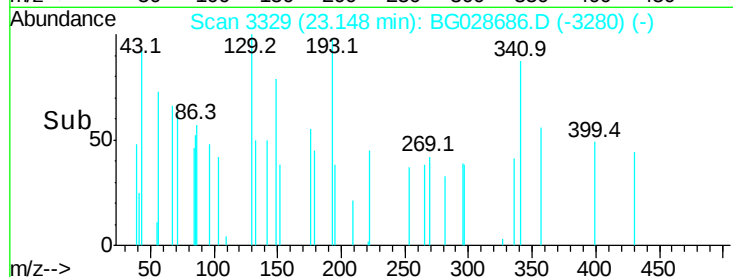
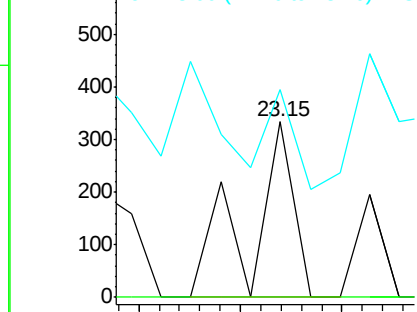
#84
Di-n-octyl phthalate
Concen: 0.014 ng
RT: 23.15 min Scan# 3329
Delta R.T. -0.01 min
Lab File: BG028668.D
Acq: 13 Sep 2017 1:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 195
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.2#
43 0.0 11.8 17.6#

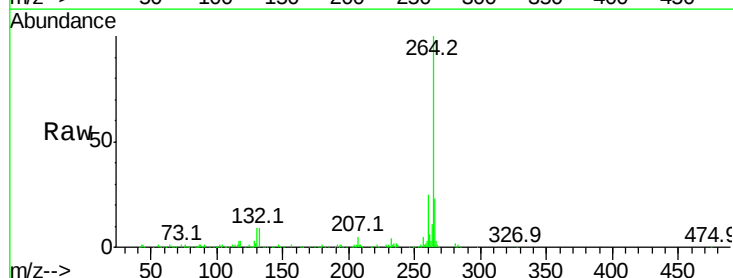


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

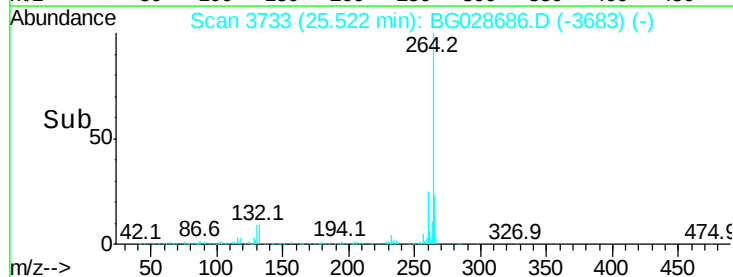
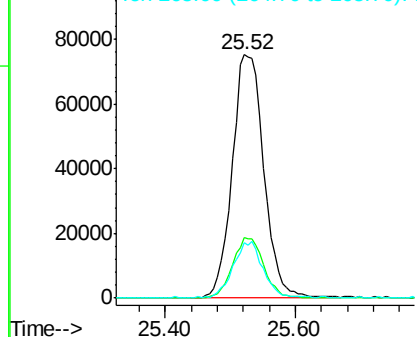


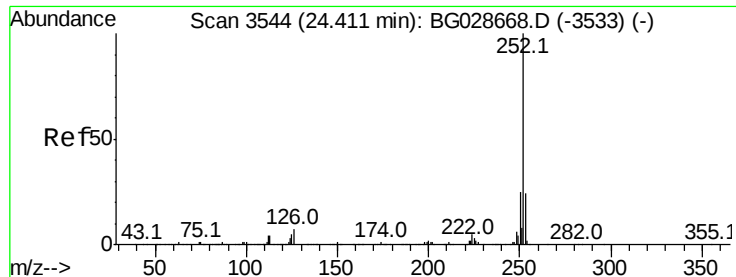
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.52 min Scan# 3733
Delta R.T. -0.01 min
Lab File: BG028668.D
Acq: 13 Sep 2017 1:46

Tgt Ion:264 Resp: 253003
Ion Ratio Lower Upper
264 100
260 24.7 21.8 32.8
265 22.8 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: 0.004 ng

RT: 24.35 min Scan# 3533

Delta R.T. -0.06 min

Lab File: BG028686.D

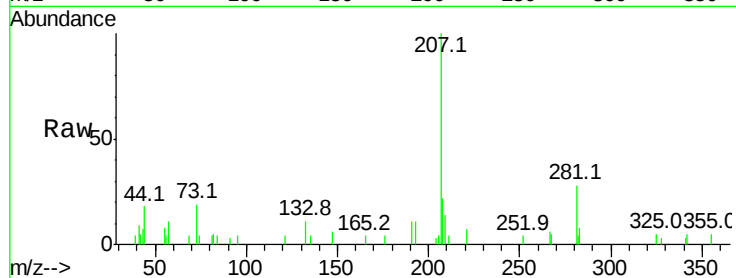
Acq: 13 Sep 2017 1:46

Instrument :

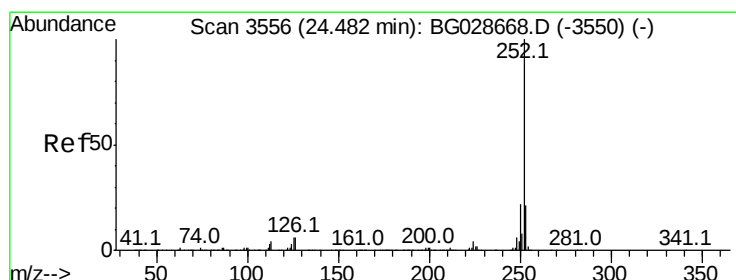
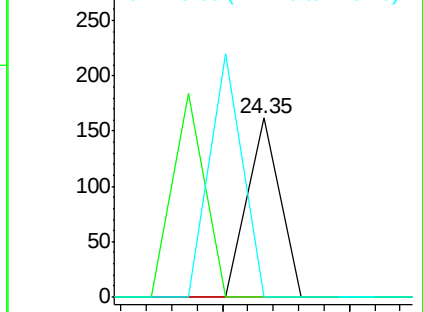
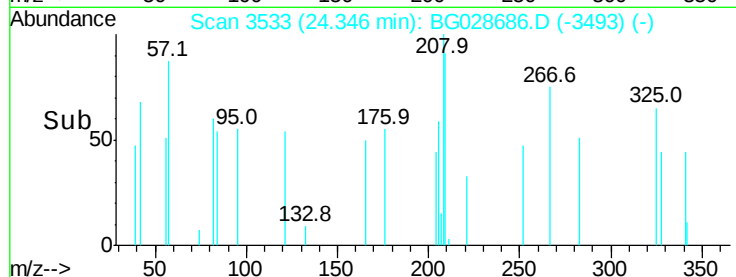
BNA_G

ClientSampled :

Tot Ion:	252	Resp:	57
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: 0.004 ng

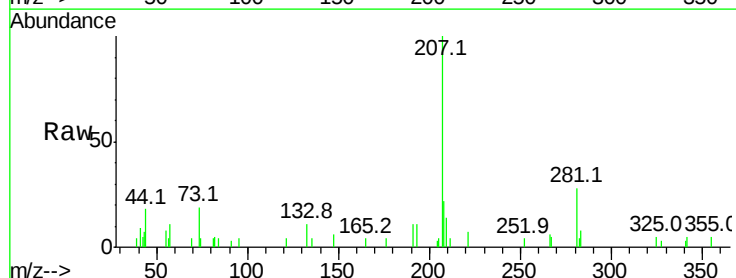
RT: 24.35 min Scan# 3533

Delta R.T. -0.14 min

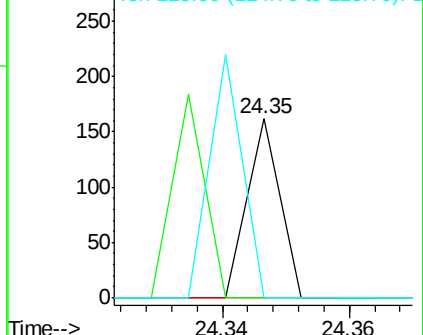
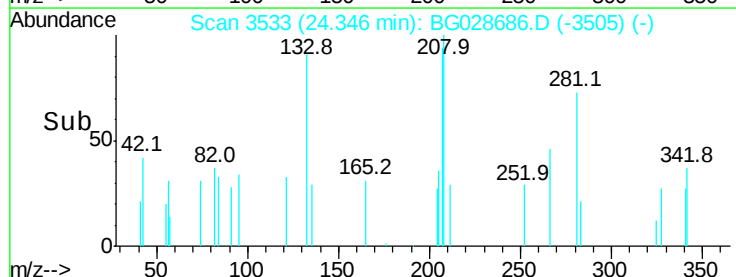
Lab File: BG028686.D

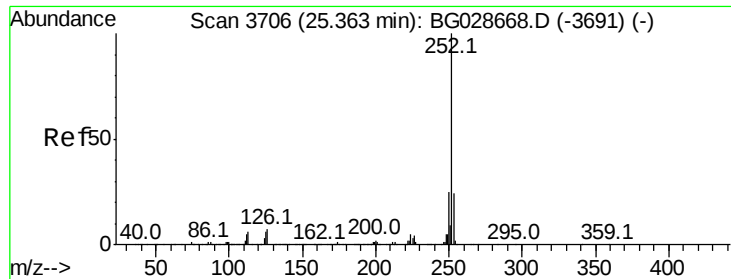
Acq: 13 Sep 2017 1:46

Tgt Ion:	252	Resp:	57
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: 0.007 ng

RT: 25.43 min Scan# 3718

Delta R.T. 0.07 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

Instrument :

BNA_G

ClientSampleId :

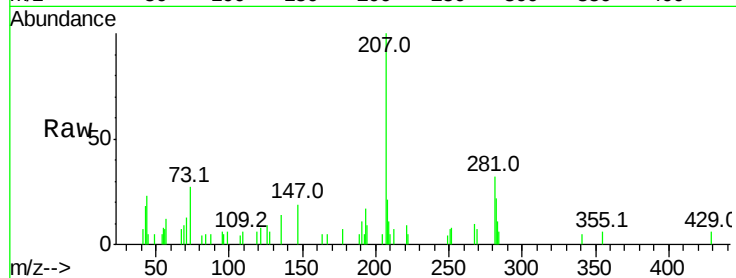
Tot Ion:252 Resp: 103

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

