

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111318\
 Data File : BG037986.D
 Acq On : 13 Nov 2018 20:37
 Operator : JU/SJ
 Sample : J5909-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-17-S

Quant Time: Nov 14 00:13:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	47243	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	194136	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	124689	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	304911	20.00	ng	0.00
76) Chrysene-d12	21.75	240	292338	20.00	ng	0.00
87) Perylene-d12	25.07	264	296389	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	316776	115.77	ng	0.00
7) Phenol-d6	7.23	99	404272	103.50	ng	0.00
23) Nitrobenzene-d5	9.26	82	298606	82.34	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	171854	120.85	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	679495	79.39	ng	0.00
79) Terphenyl-d14	20.07	244	1127261	90.73	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.50	88	824	0.638	ng	# 33
4) n-Nitrosodimethylamine	3.86	42	251	0.188	ng	# 1
6) Aniline	7.62	93	587	0.116	ng	# 1
8) 2-Chlorophenol	7.69	128	57	0.018	ng	# 32
9) Benzaldehyde	7.24	77	611	0.216	ng	# 4
10) Phenol	7.62	94	663	0.160	ng	# 1
11) bis(2-Chloroethyl)ether	7.62	93	587	0.174	ng	# 1
15) Benzyl Alcohol	8.41	79	4430	1.567	ng	# 51
16) 2,2'-oxybis(1-Chloropropan	8.57	45	230	0.037	ng	# 74
19) n-Nitroso-di-n-propylamine	9.26	70	36805	13.023	ng	# 71
22) Acetophenone	8.91	105	62	0.013	ng	# 1
24) Nitrobenzene	9.26	77	773	0.208	ng	# 40
25) Isophorone	9.36	82	412	0.063	ng	# 67
31) Naphthalene	10.97	128	565	0.059	ng	# 68
46) 1,1'-Biphenyl	13.55	154	1216	0.116	ng	# 85
48) 2-Nitroaniline	13.35	65	1169	0.465	ng	# 19
51) 2,6-Dinitrotoluene	14.72	165	15984	7.144	ng	# 25
52) Acenaphthene	14.72	154	221	0.031	ng	# 3
57) 2,4-Dinitrotoluene	14.72	165	15984	5.251	ng	# 25
58) Fluorene	16.21	166	8046	0.901	ng	# 80
63) Azobenzene	16.21	77	930	0.099	ng	# 35
65) 4,6-Dinitro-2-methylphenol	16.21	198	451	0.234	ng	# 66
66) n-Nitrosodiphenylamine	16.21	169	7149	0.775	ng	# 49
67) 4-Bromophenyl-phenylether	16.21	248	12724	3.802	ng	# 1
71) Phenanthrene	17.52	178	507	0.032	ng	# 59
72) Anthracene	17.61	178	68	0.004	ng	# 60
74) Di-n-butylphthalate	18.41	149	2305	0.133	ng	# 77
75) Fluoranthene	19.53	202	195	0.011	ng	# 63
77) Benzidine	20.07	184	18061	1.761	ng	# 98
78) Pyrene	20.07	202	4340	0.227	ng	# 83
80) Butylbenzylphthalate	20.76	149	186	0.022	ng	# 23
81) Benzo(a)anthracene	21.75	228	1308	0.074	ng	# 41
83) Chrysene	21.80	228	314	0.019	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.60	149	517	0.043	ng	# 51

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111318\
Data File : BG037986.D
Acq On : 13 Nov 2018 20:37
Operator : JU/SJ
Sample : J5909-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-17-S

Quant Time: Nov 14 00:13:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

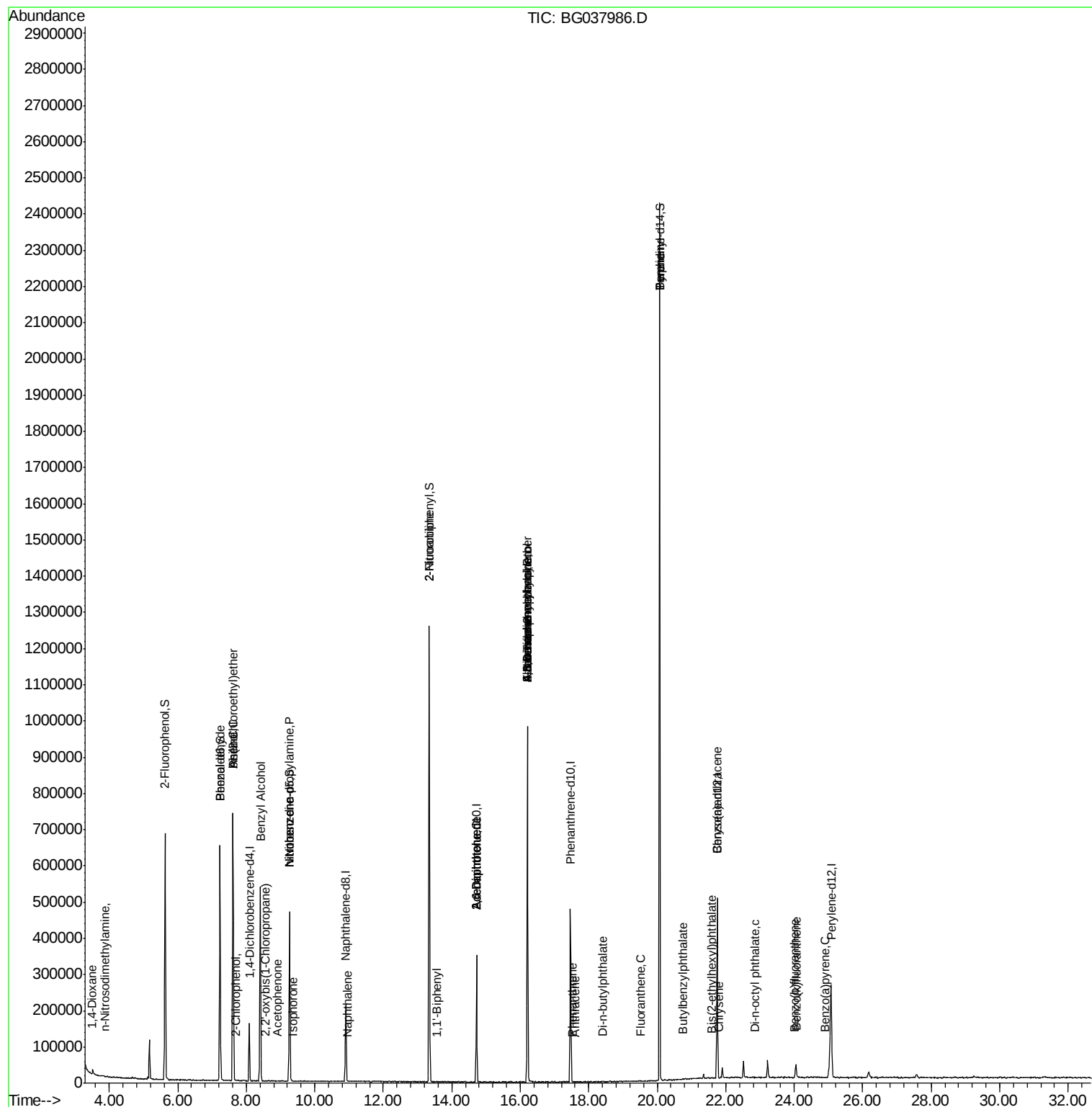
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Di-n-octyl phthalate	22.85	149	406	0.021	ng	# 74
88) Benzo(b)fluoranthene	24.01	252	207	0.013	ng	# 59
89) Benzo(k)fluoranthene	24.08	252	349	0.022	ng	# 60
90) Benzo(a)pyrene	24.90	252	64	0.004	ng	# 60

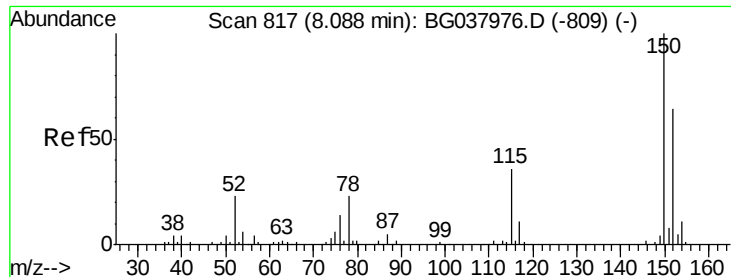
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111318\
Data File : BG037986.D
Acq On : 13 Nov 2018 20:37
Operator : JU/SJ
Sample : J5909-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-17-S

Quant Time: Nov 14 00:13:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration



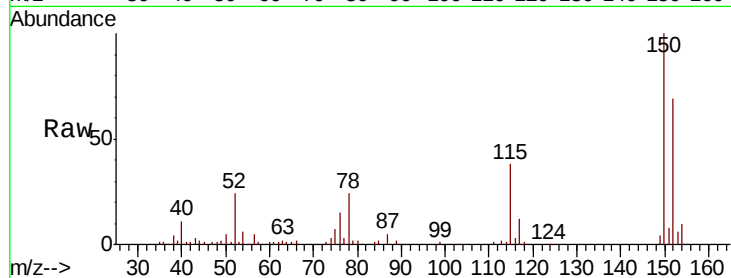


#1

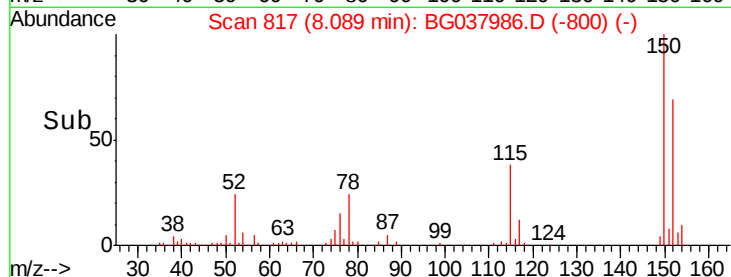
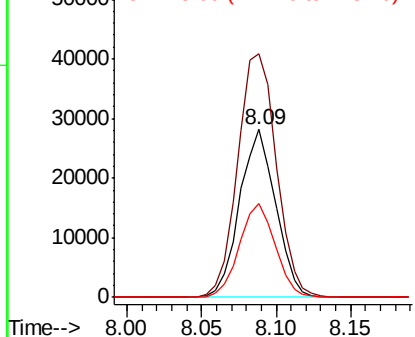
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG037986.D
Acq: 13 Nov 2018 20:37

Instrument :
BNA_G
ClientSampleId :
SB-17-S

Tgt Ion:152 Resp: 47243
Ion Ratio Lower Upper
152 100
150 145.1 126.0 189.0
115 55.6 45.5 68.3



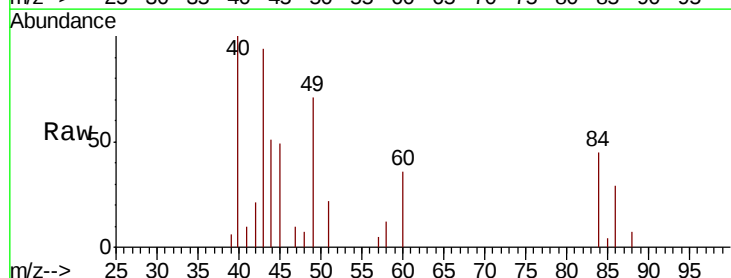
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



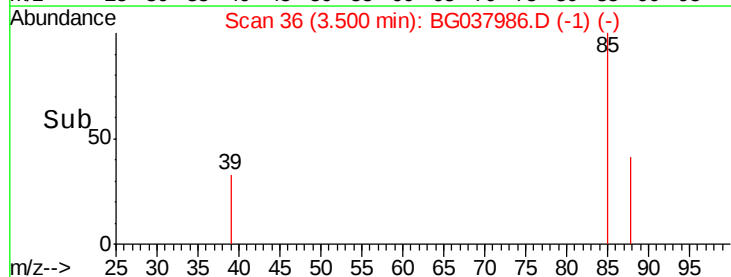
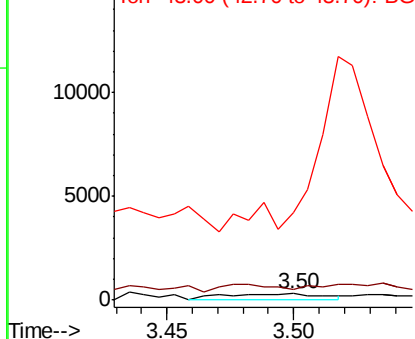
#2

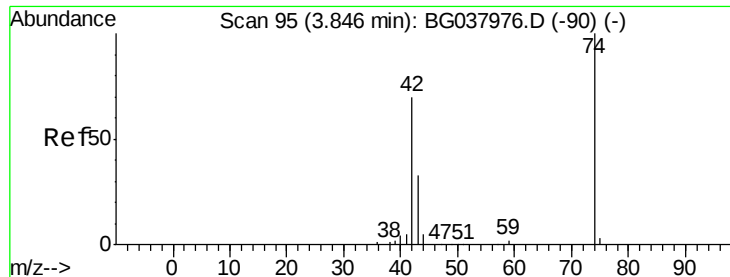
1,4-Dioxane
Concen: 0.638 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.02 min
Lab File: BG037986.D
Acq: 13 Nov 2018 20:37

Tgt Ion: 88 Resp: 824
Ion Ratio Lower Upper
88 100
58 61.9 74.4 111.6#
43 126.6 25.8 38.8#



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





#4

n-Nitrosodimethylamine

Concen: 0.188 ng

RT: 3.86 min Scan# 98

Delta R.T. 0.02 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

Instrument :

BNA_G

ClientSampled :

SB-17-S

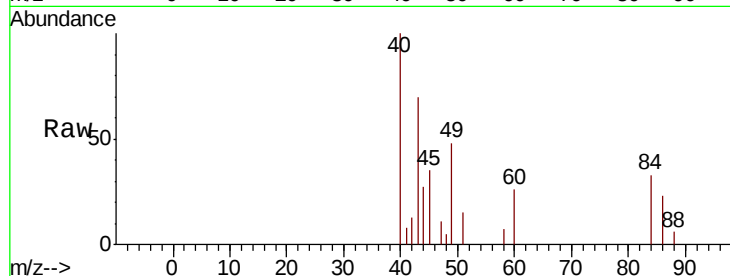
Tgt Ion: 42 Resp: 251

Ion Ratio Lower Upper

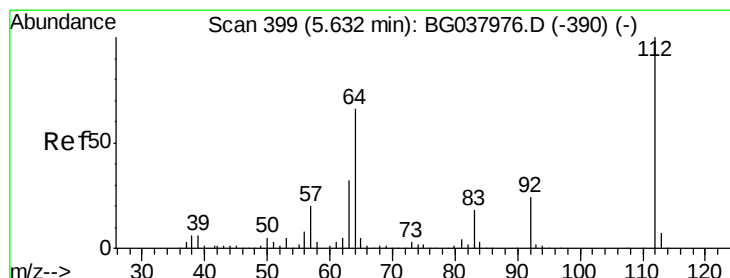
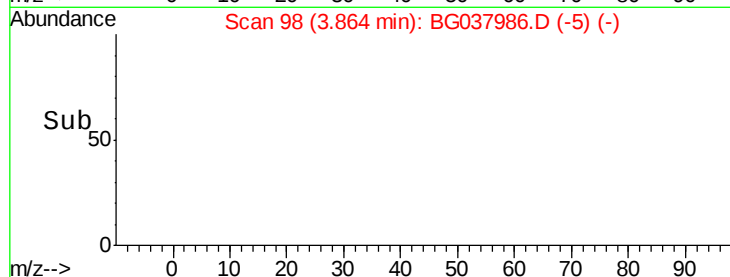
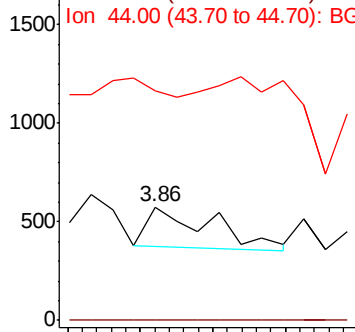
42 100

74 0.0 102.0 153.0#

44 202.4 9.6 14.4#



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: 115.770 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

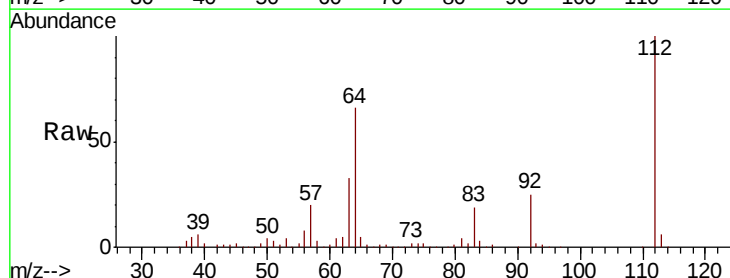
Tgt Ion: 112 Resp: 316776

Ion Ratio Lower Upper

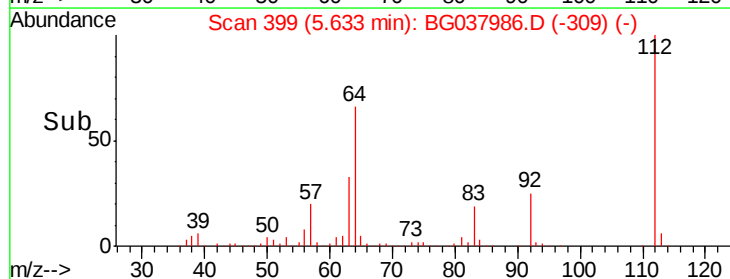
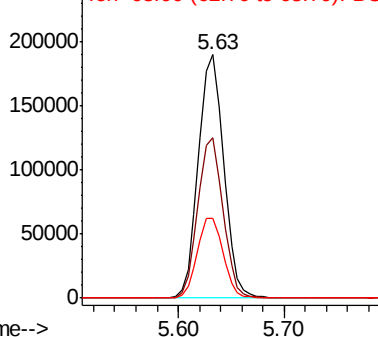
112 100

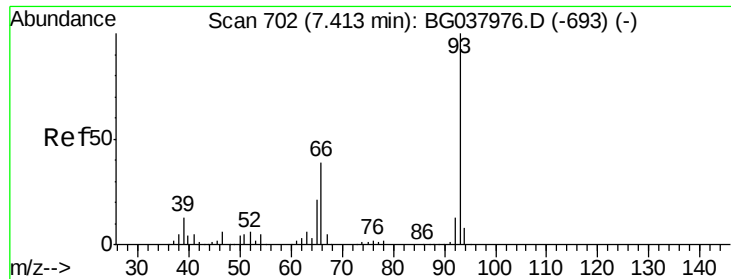
64 65.8 53.1 79.7

63 32.8 27.3 40.9



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: 0.116 ng

RT: 7.62 min Scan# 737

Delta R.T. 0.21 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

Instrument :

BNA_G

ClientSampleId :

SB-17-S

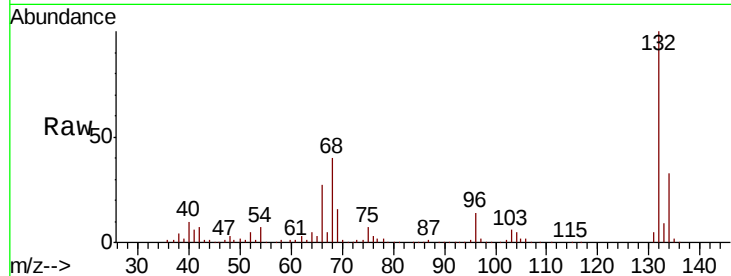
Tgt Ion: 93 Resp: 587

Ion Ratio Lower Upper

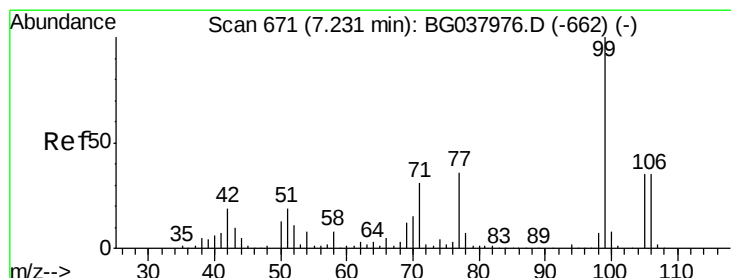
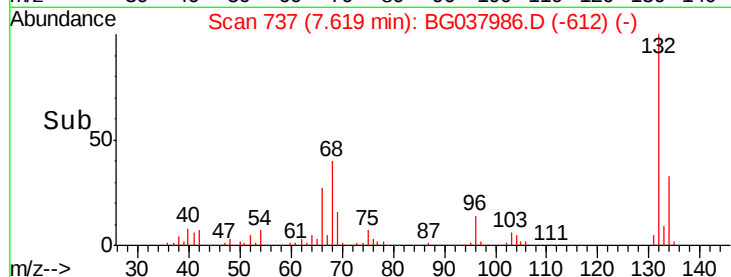
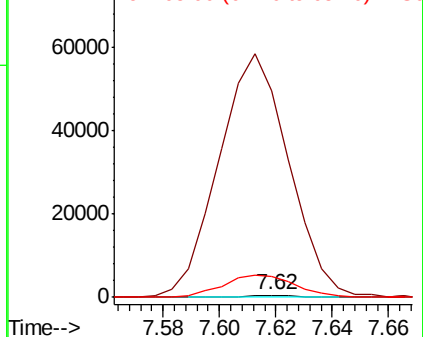
93 100

66 10868.4 32.8 49.2#

65 1116.0 16.4 24.6#



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



#7

Phenol-d6

Concen: 103.505 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

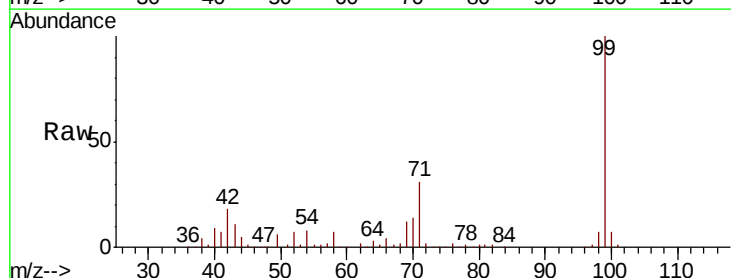
Tgt Ion: 99 Resp: 404272

Ion Ratio Lower Upper

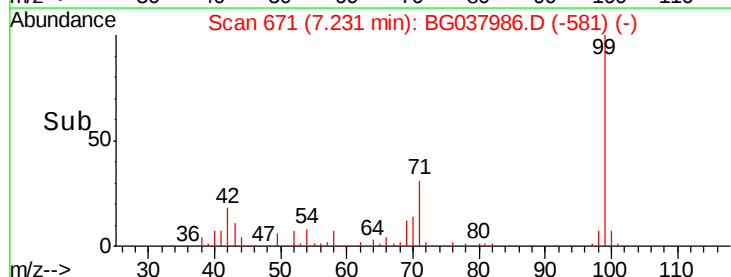
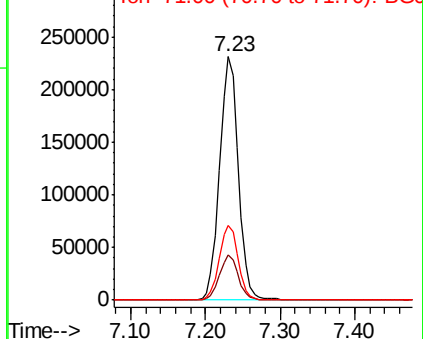
99 100

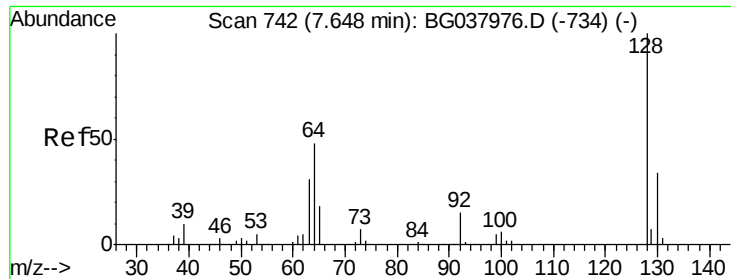
42 18.4 15.0 22.4

71 30.6 25.5 38.3



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





#8

2-Chlorophenol

Concen: 0.018 ng

RT: 7.69 min Scan# 749

Delta R.T. 0.04 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

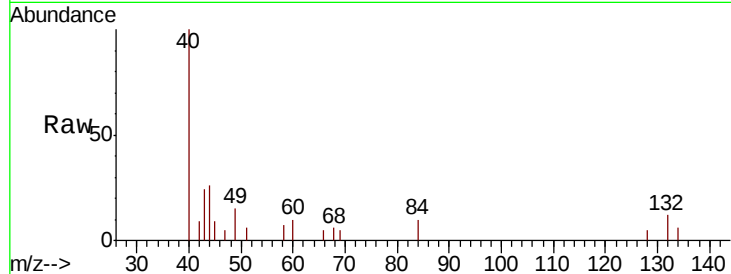
Instrument :

BNA_G

ClientSampled :

SB-17-S

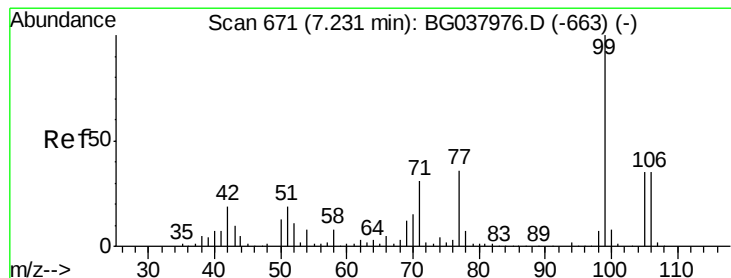
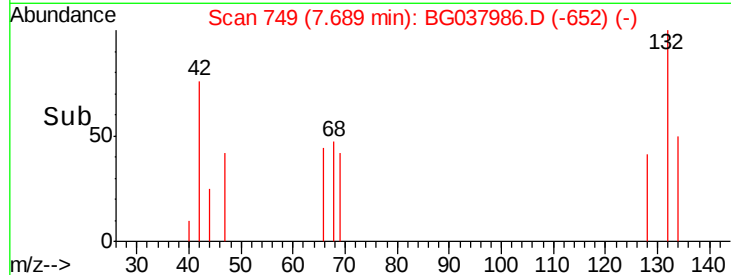
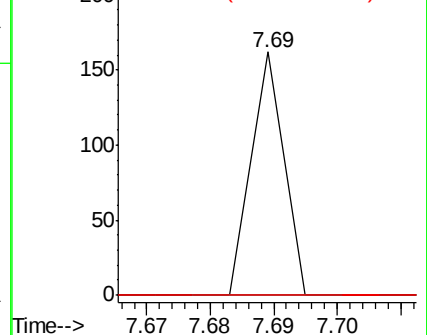
Tgt Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.0	52.0#
64	0.0	32.9	72.9#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 0.216 ng

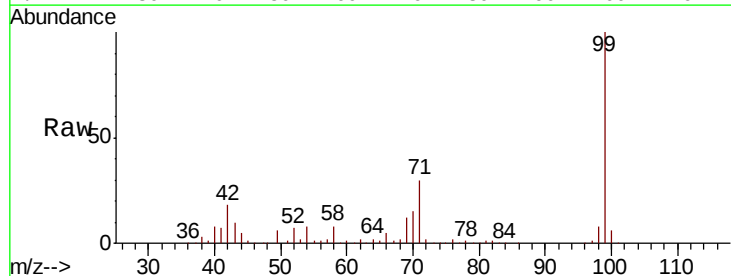
RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

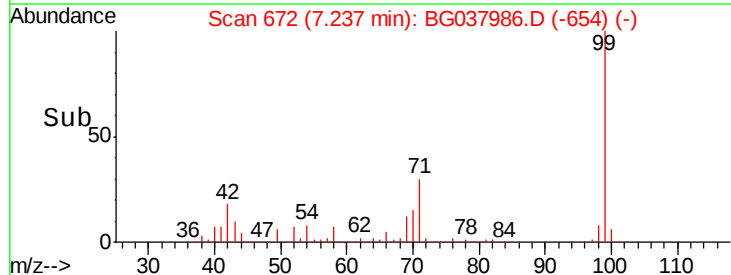
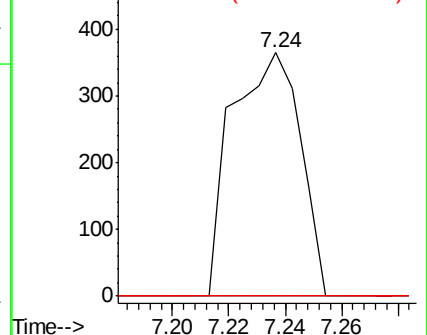
Tgt Ion	Ratio	Lower	Upper
77	100		
105	0.0	72.6	112.6#
106	0.0	71.3	111.3#

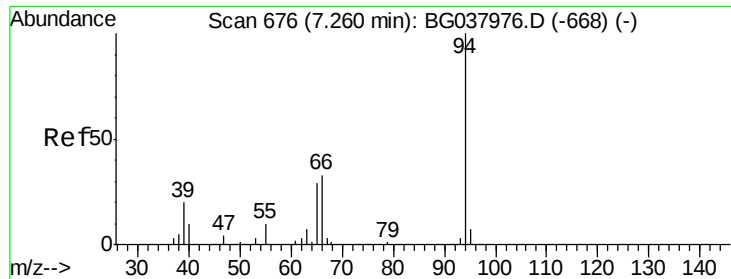


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.160 ng

RT: 7.62 min Scan# 737

Delta R.T. 0.36 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

Instrument :

BNA_G

ClientSampleId :

SB-17-S

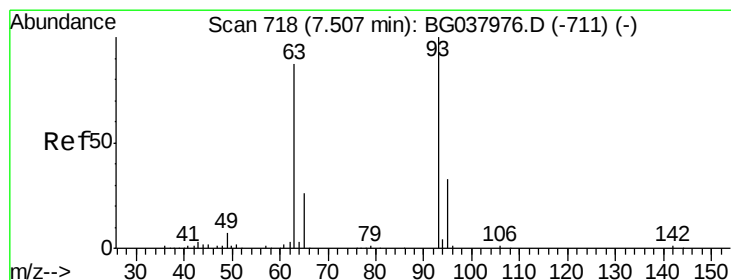
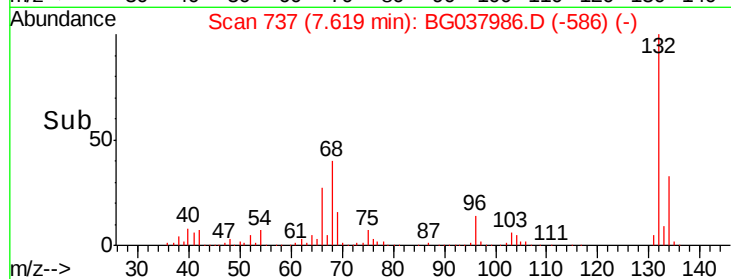
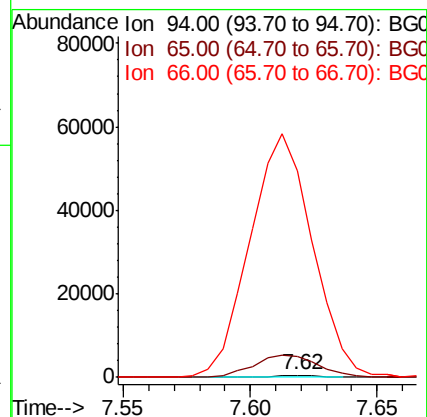
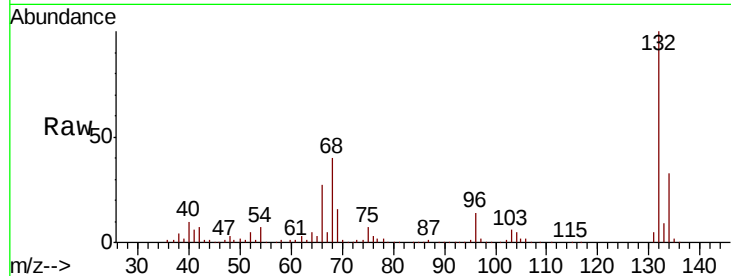
Tgt Ion: 94 Resp: 663

Ion Ratio Lower Upper

94 100

65 954.8 9.7 49.7#

66 9298.3 15.9 55.9#



#11

bis(2-Chloroethyl)ether

Concen: 0.174 ng

RT: 7.62 min Scan# 737

Delta R.T. 0.11 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

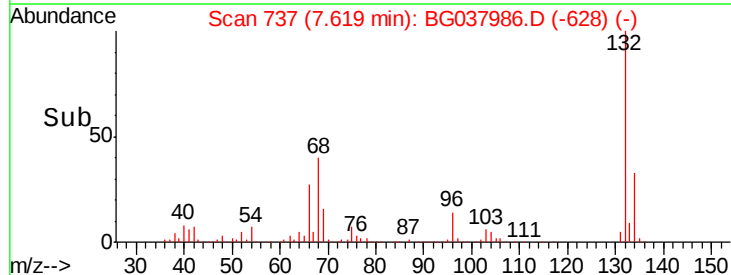
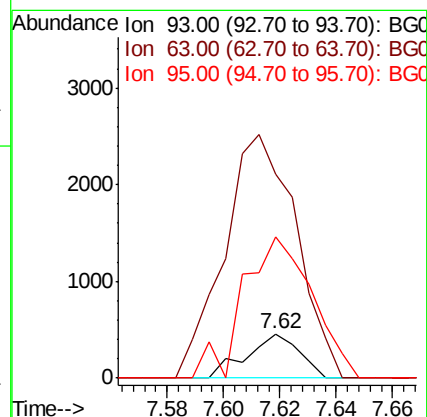
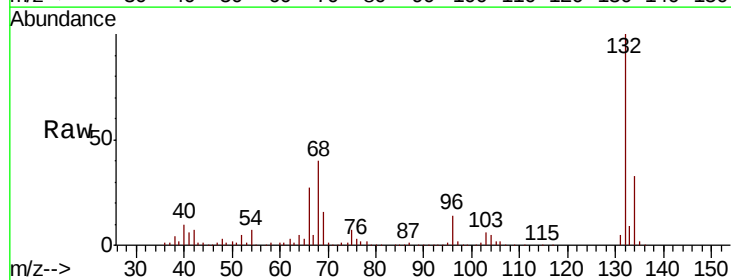
Tgt Ion: 93 Resp: 587

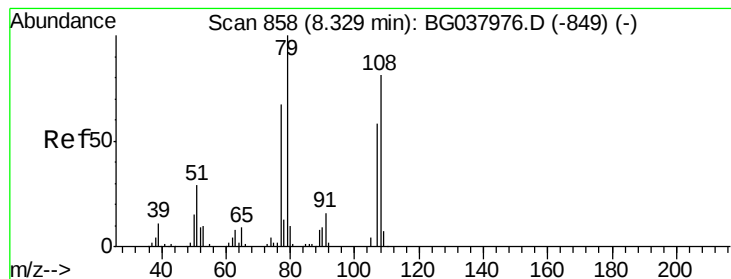
Ion Ratio Lower Upper

93 100

63 461.2 69.5 109.5#

95 319.3 12.6 52.6#





#15

Benzyl Alcohol

Concen: 1.567 ng

RT: 8.41 min Scan# 872

Delta R.T. 0.08 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

Instrument :

BNA_G

ClientSampleId :

SB-17-S

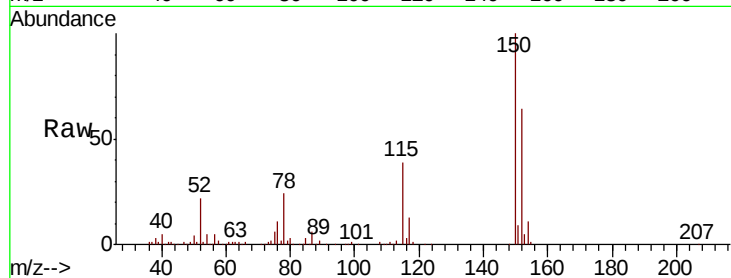
Tgt Ion: 79 Resp: 4430

Ion Ratio Lower Upper

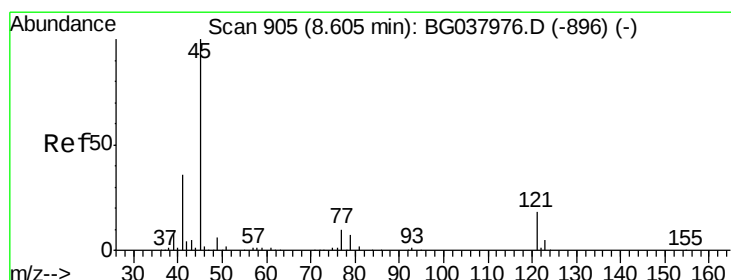
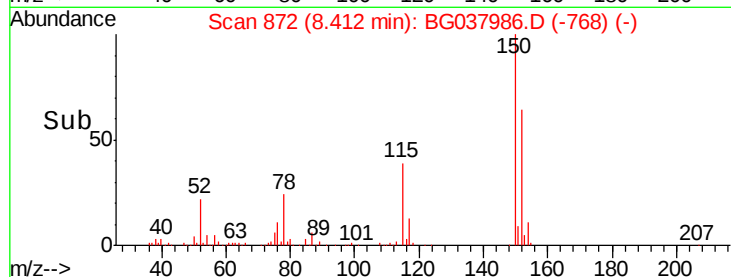
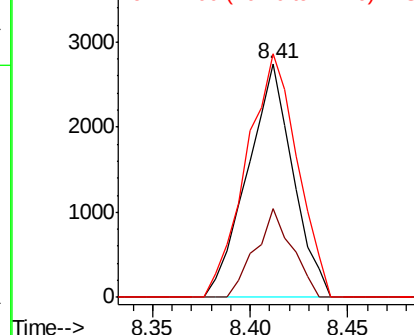
79 100

108 38.0 65.8 98.8#

77 104.3 52.9 79.3#



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: 0.037 ng

RT: 8.57 min Scan# 899

Delta R.T. -0.04 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

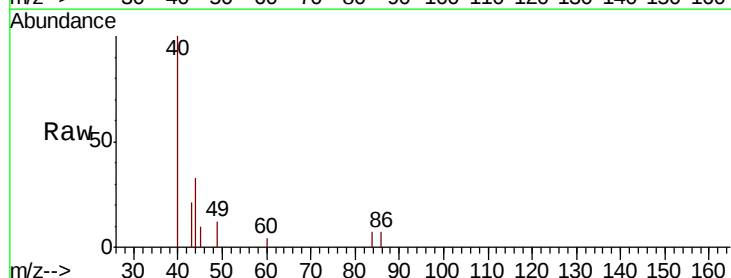
Tgt Ion: 45 Resp: 230

Ion Ratio Lower Upper

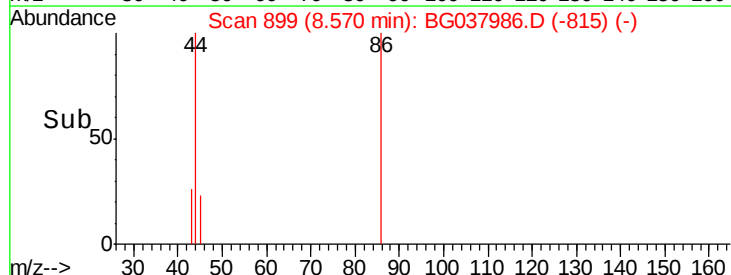
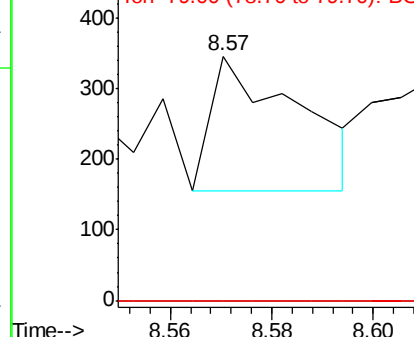
45 100

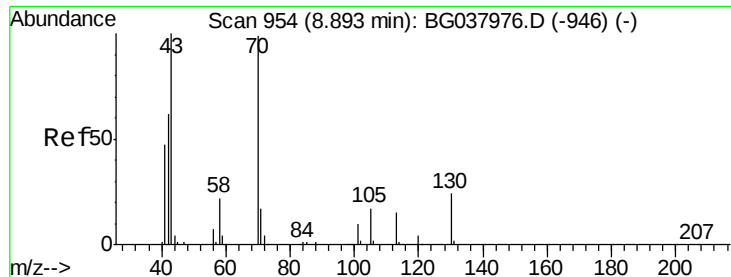
77 0.0 0.0 30.0

79 0.0 0.0 29.0



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

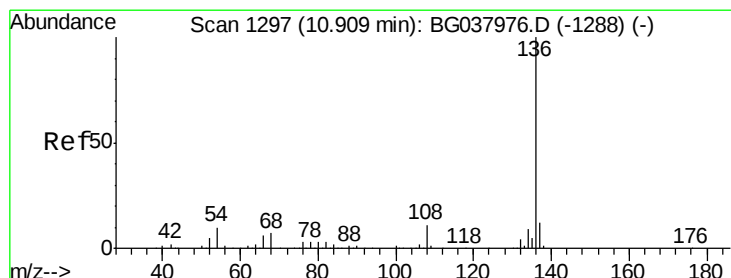
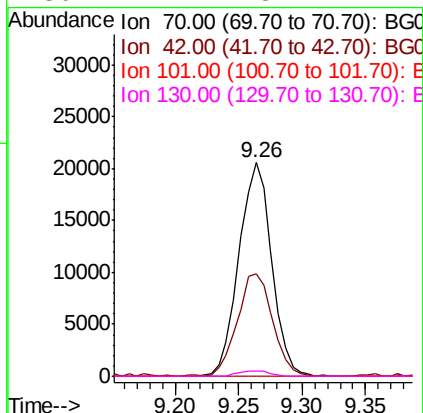
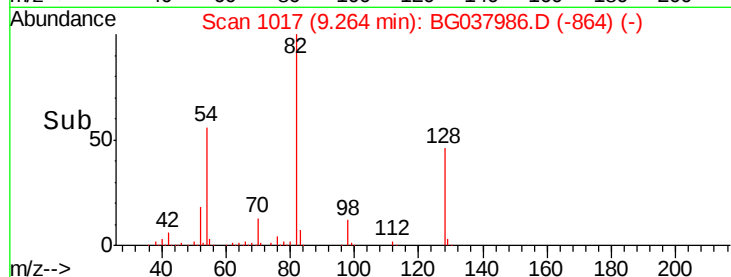
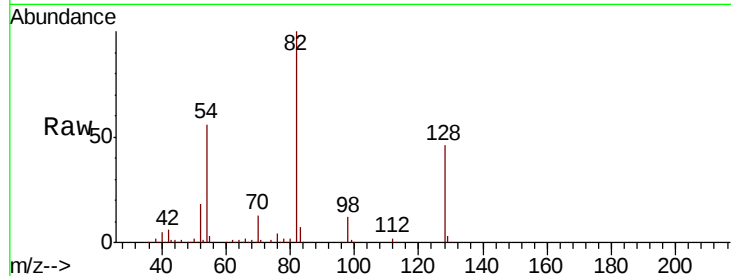




#19
n-Nitroso-di-n-propylamine
Concen: 13.023 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG037986.D
Acq: 13 Nov 2018 20:37

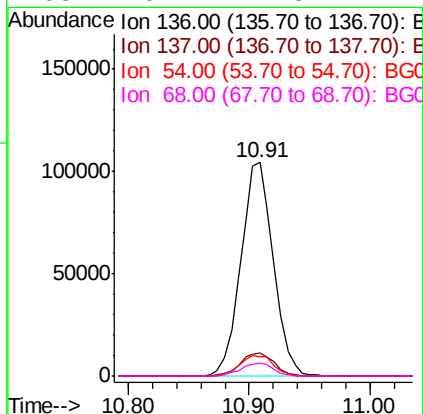
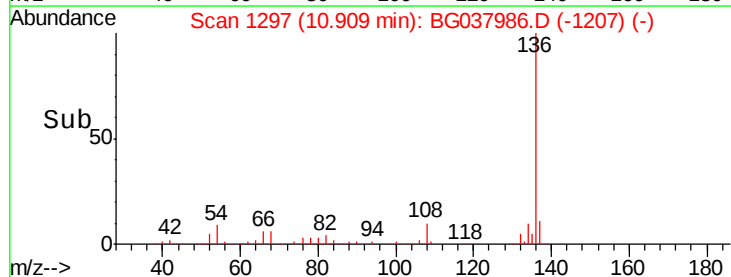
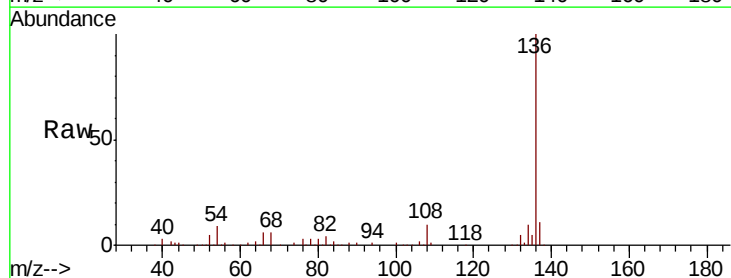
Instrument :
BNA_G
ClientSampleId :
SB-17-S

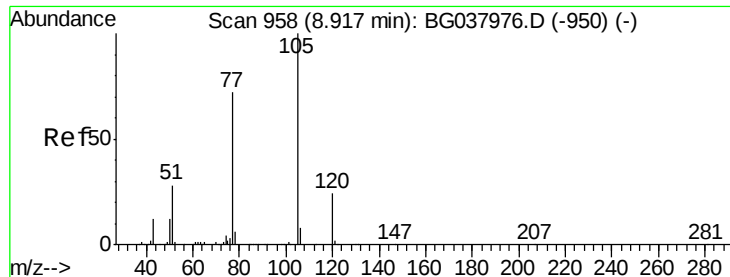
Tgt Ion: 70 Resp: 36805
Ion Ratio Lower Upper
70 100
42 48.0 53.9 80.9#
101 0.0 8.2 12.2#
130 2.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG037986.D
Acq: 13 Nov 2018 20:37

Tgt Ion: 136 Resp: 194136
Ion Ratio Lower Upper
136 100
137 10.7 9.6 14.4
54 9.3 7.9 11.9
68 6.2 4.8 7.2





#22

Acetophenone

Concen: 0.013 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.01 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

Instrument :

BNA_G

ClientSampleId :

SB-17-S

Tgt Ion: 105 Resp: 62

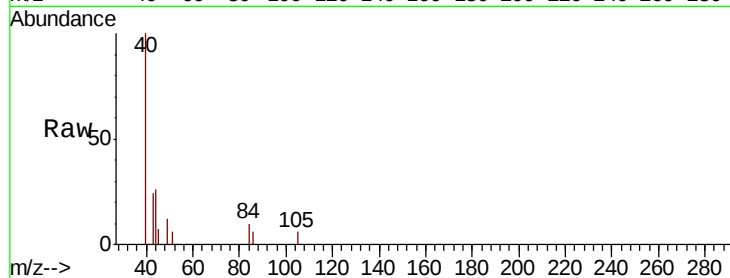
Ion Ratio Lower Upper

105 100

71 0.0 1.2 1.8#

51 109.1 25.0 37.6#

120 0.0 18.6 28.0#

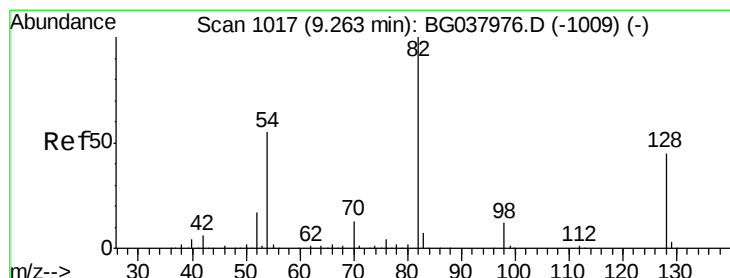
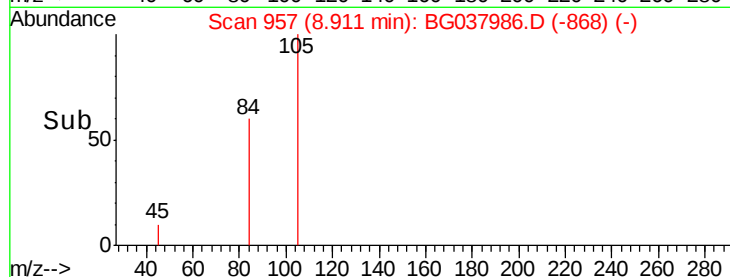
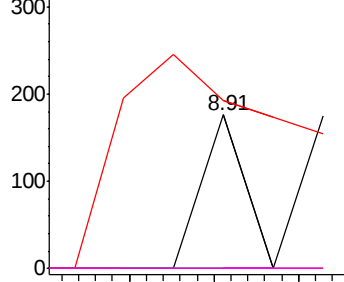


Abundance Ion 105.00 (104.70 to 105.70): E

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: 82.337 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

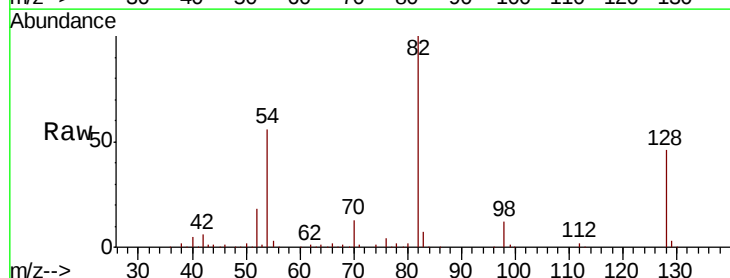
Tgt Ion: 82 Resp: 298606

Ion Ratio Lower Upper

82 100

128 46.2 34.6 51.8

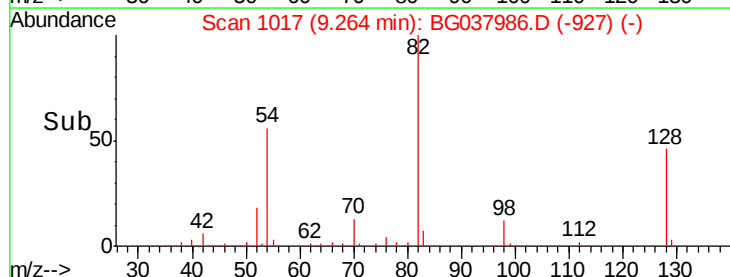
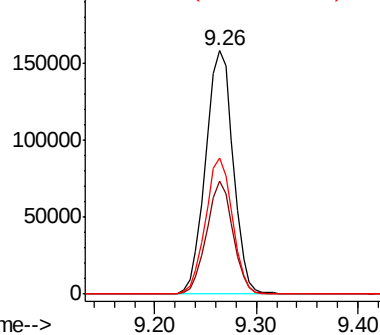
54 56.0 45.3 67.9

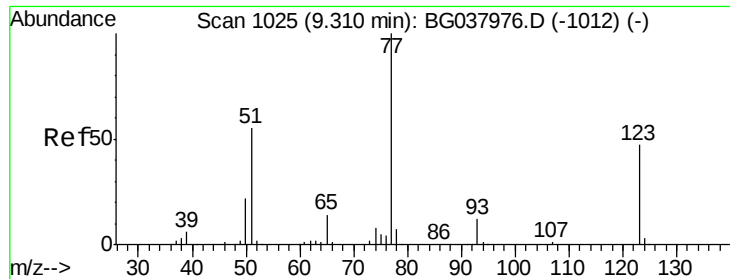


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

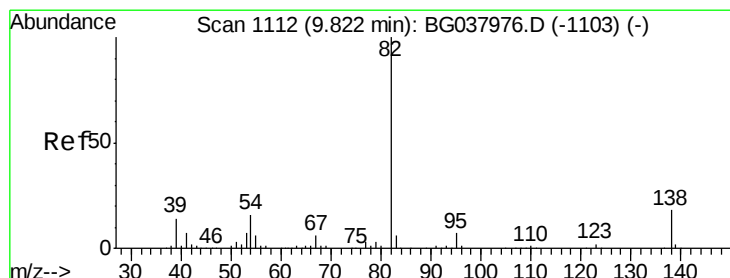
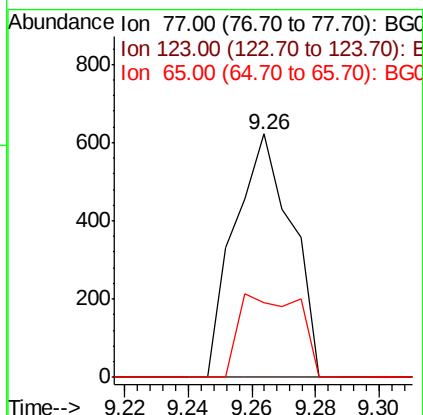
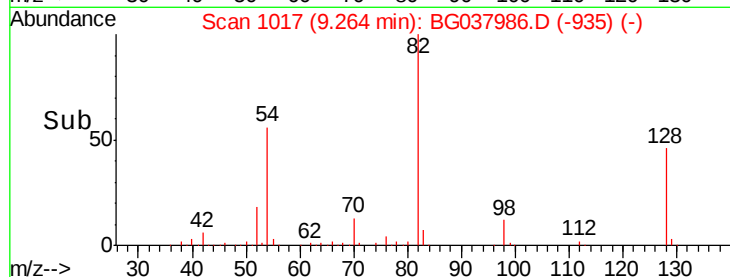
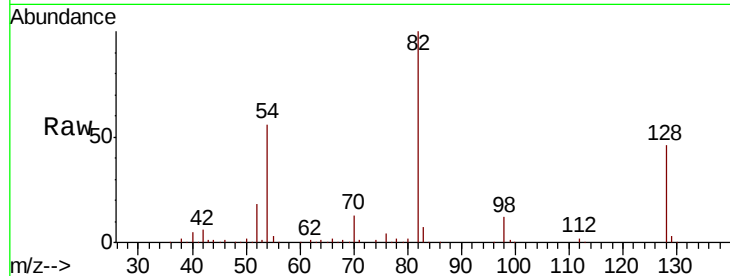




#24
 Nitrobenzene
 Concen: 0.208 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.05 min
 Lab File: BG037986.D
 Acq: 13 Nov 2018 20:37

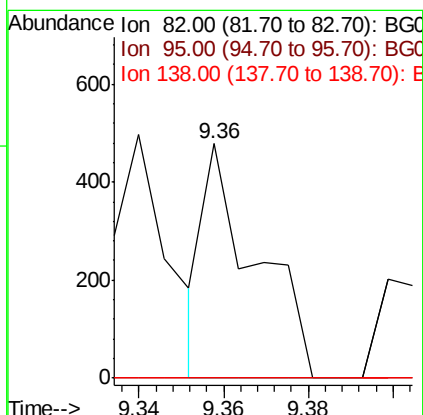
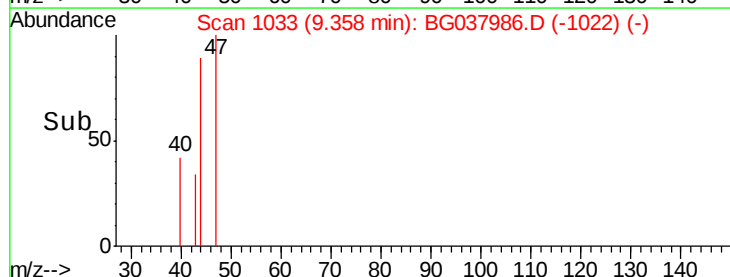
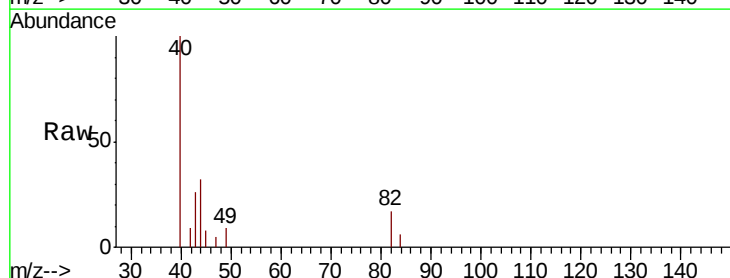
Instrument :
 BNA_G
 ClientSampleId :
 SB-17-S

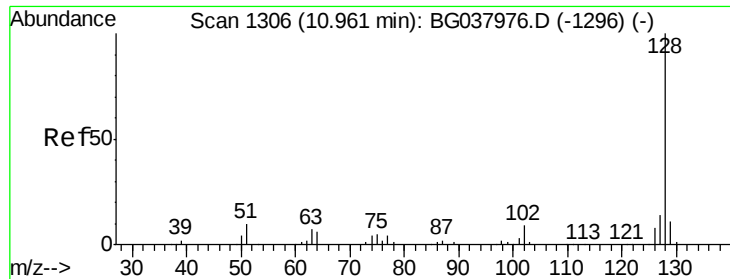
Tgt Ion: 77 Resp: 773
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.6 50.4#
 65 30.5 11.3 16.9#



#25
 Isophorone
 Concen: 0.063 ng
 RT: 9.36 min Scan# 1033
 Delta R.T. -0.46 min
 Lab File: BG037986.D
 Acq: 13 Nov 2018 20:37

Tgt Ion: 82 Resp: 412
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.3 19.9#

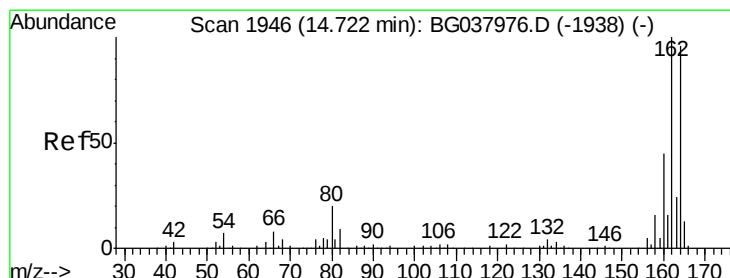
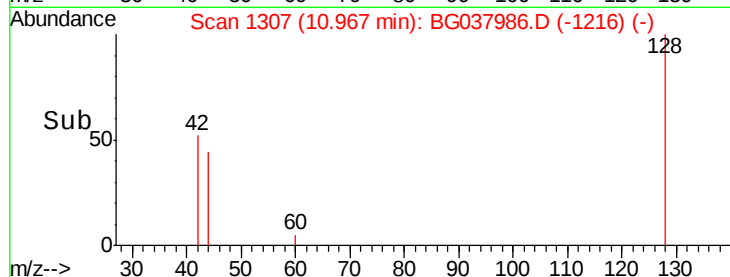
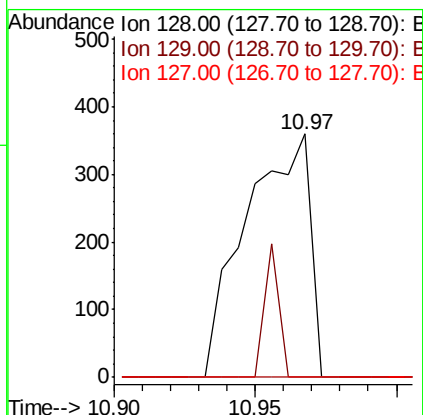
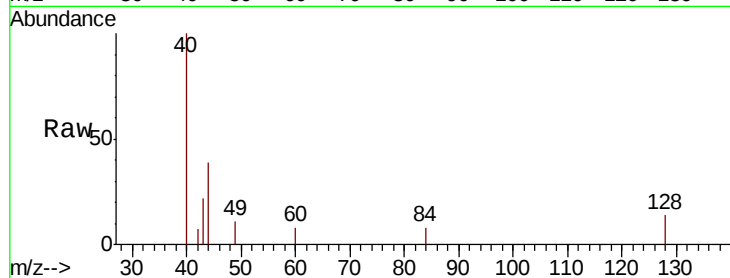




#31
Naphthalene
Concen: 0.059 ng
RT: 10.97 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BG037986.D
Acq: 13 Nov 2018 20:37

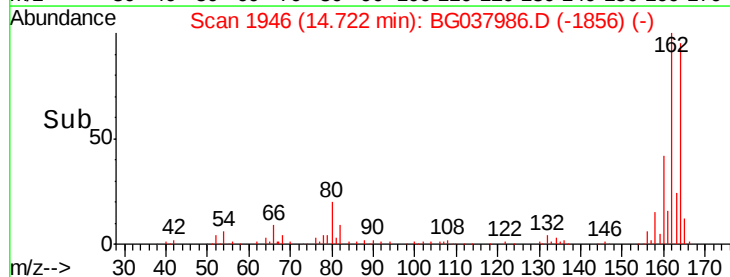
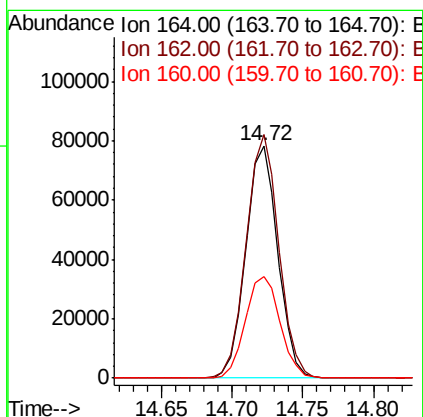
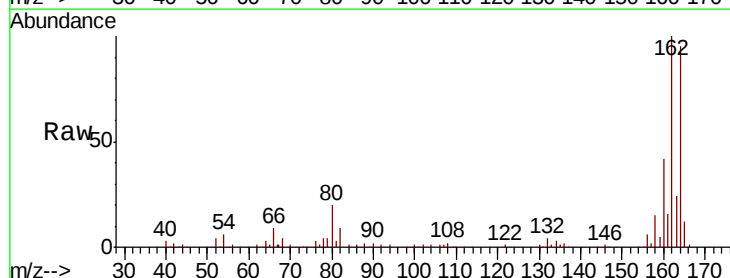
Instrument :
BNA_G
ClientSampleId :
SB-17-S

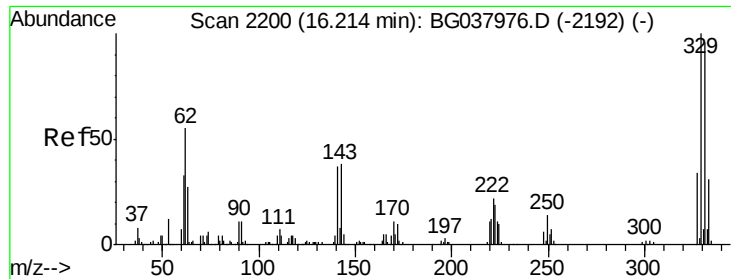
Tgt Ion:128 Resp: 565
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.6#
127 0.0 11.1 16.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG037986.D
Acq: 13 Nov 2018 20:37

Tgt Ion:164 Resp: 124689
Ion Ratio Lower Upper
164 100
162 104.8 81.3 121.9
160 43.9 36.3 54.5

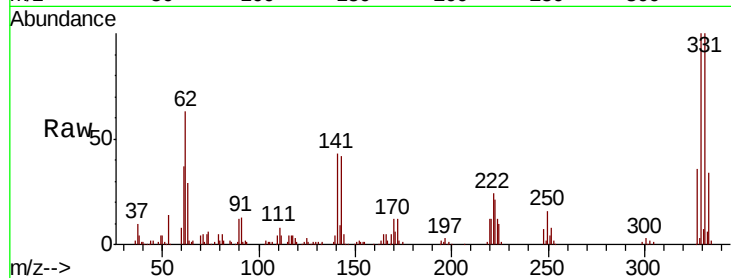




#42
 2,4,6-Tribromophenol
 Concen: 120.850 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG037986.D
 Acq: 13 Nov 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 SB-17-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.4	117.6
141	41.5	32.2	48.2

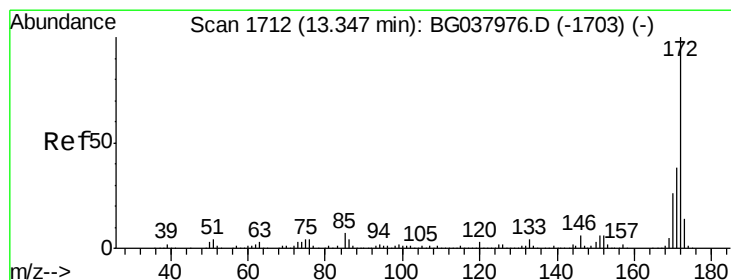
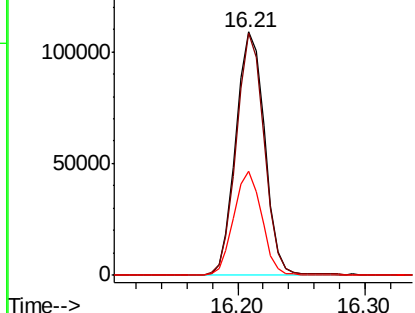
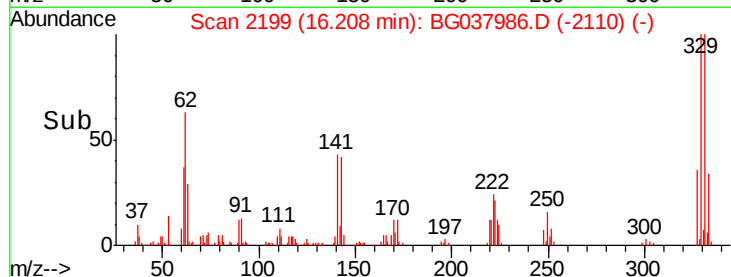


Abundance

Ion 329.80 (329.50 to 330.50): E

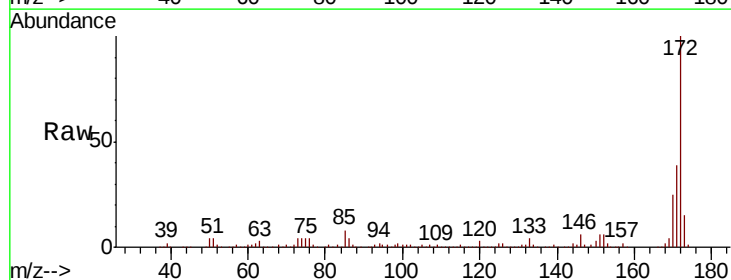
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 79.391 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG037986.D
 Acq: 13 Nov 2018 20:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	25.3	20.2	30.2

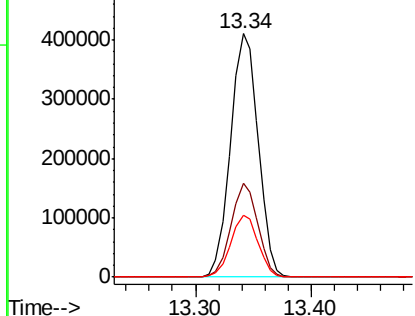
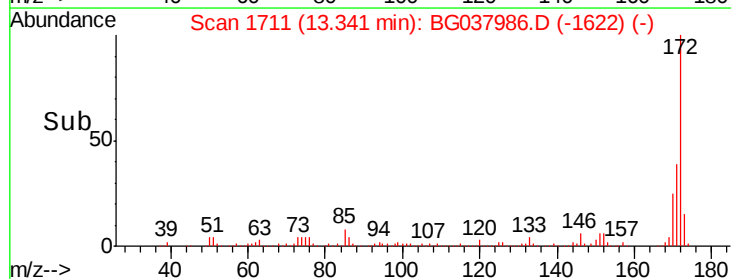


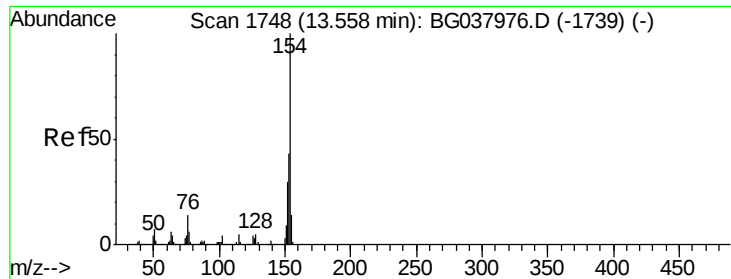
Abundance

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

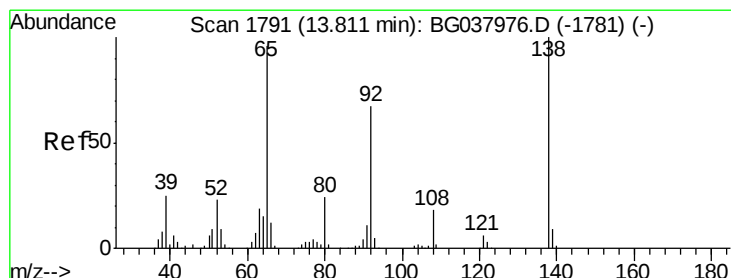
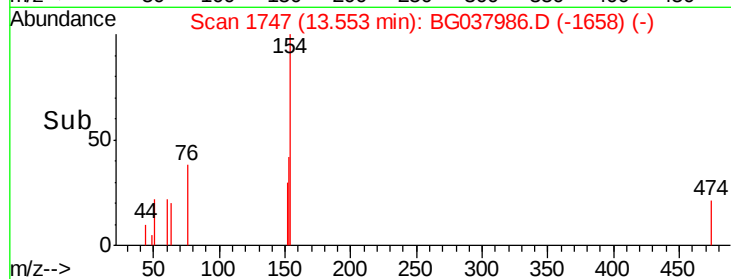
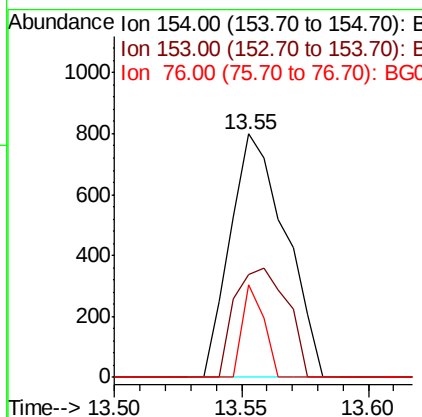
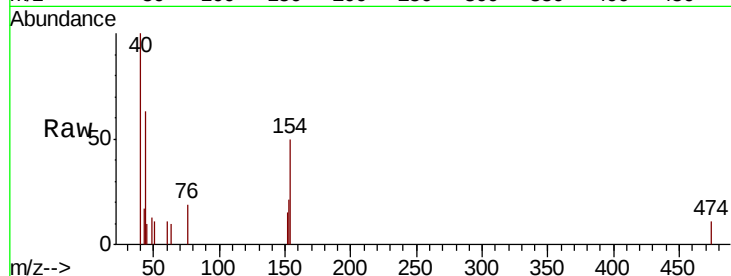




#46
1,1'-Biphenyl
Concen: 0.116 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BG037986.D
Acq: 13 Nov 2018 20:37

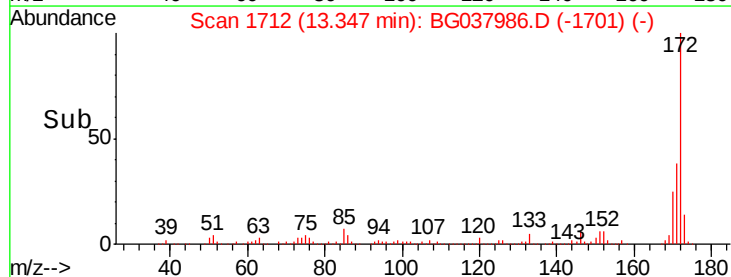
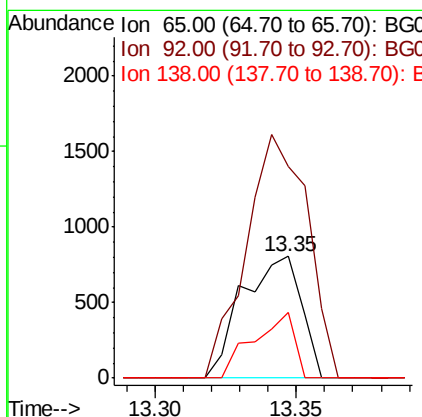
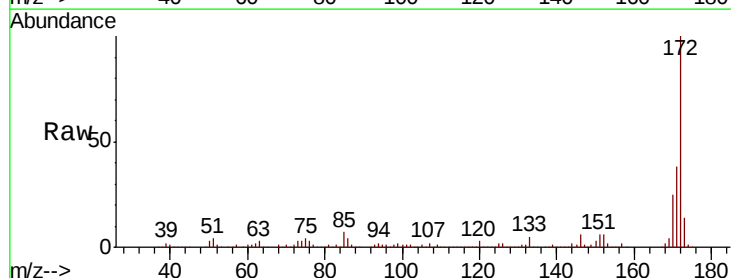
Instrument :
BNA_G
ClientSampleId :
SB-17-S

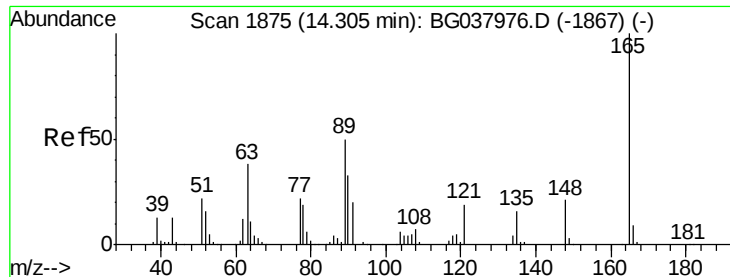
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.1	62.1
76	37.9	0.0	33.2



#48
2-Nitroaniline
Concen: 0.465 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.46 min
Lab File: BG037986.D
Acq: 13 Nov 2018 20:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	174.1	53.2	79.8
138	54.3	79.3	118.9

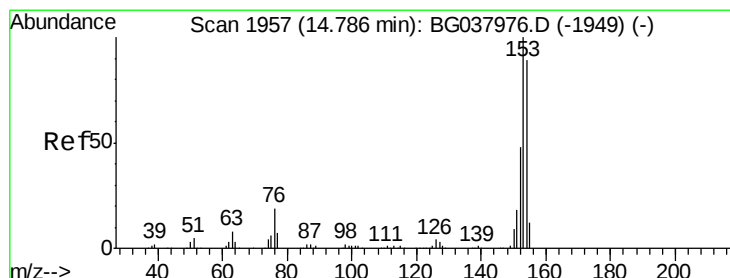
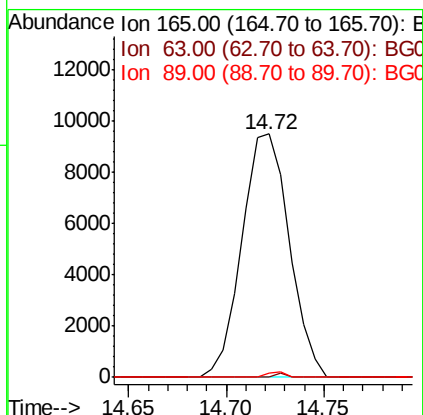
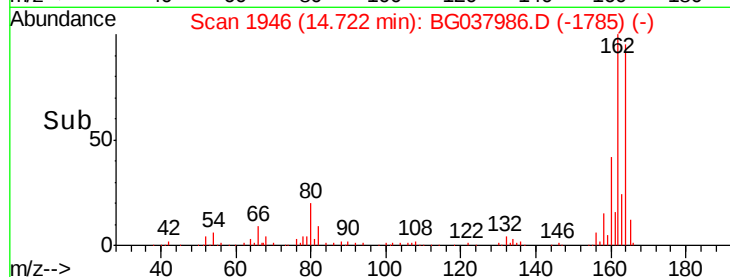
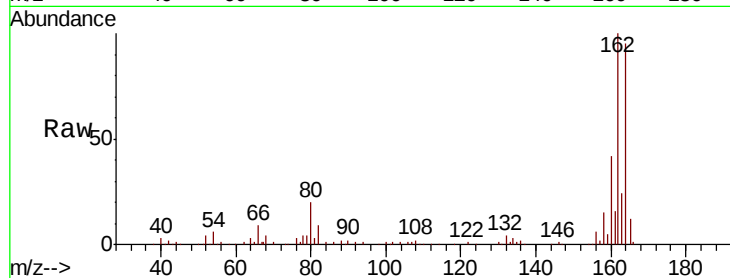




#51
2,6-Dinitrotoluene
Concen: 7.144 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.42 min
Lab File: BG037986.D
Acq: 13 Nov 2018 20:37

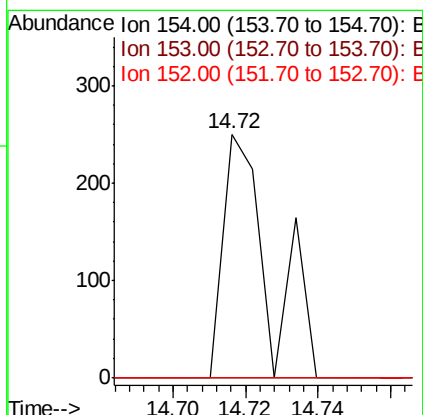
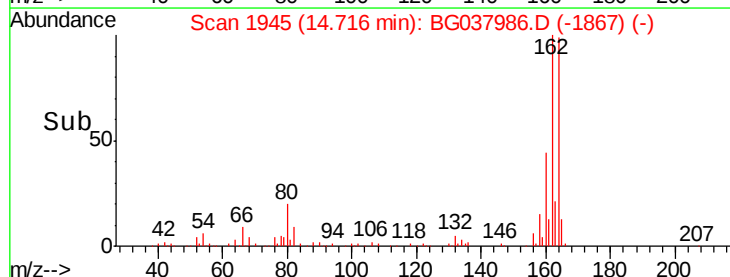
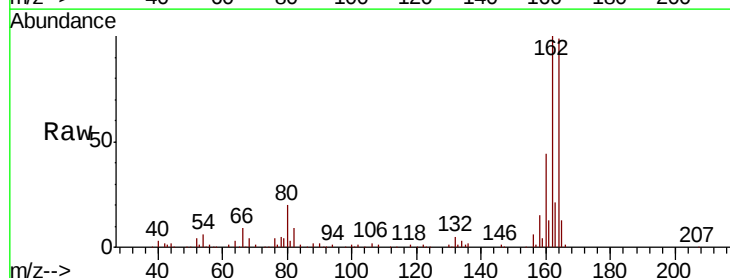
Instrument :
BNA_G
ClientSampleId :
SB-17-S

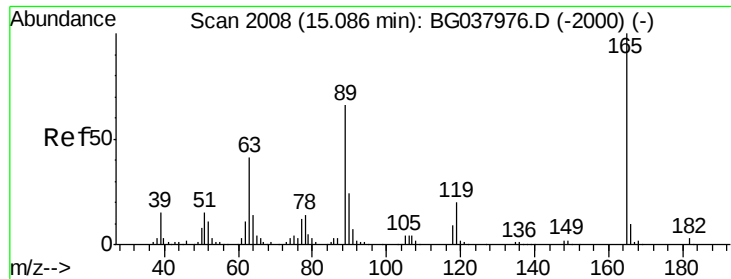
Tgt Ion:165 Resp: 15984
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 2.0 45.8 68.6#



#52
Acenaphthene
Concen: 0.031 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.07 min
Lab File: BG037986.D
Acq: 13 Nov 2018 20:37

Tgt Ion:154 Resp: 221
Ion Ratio Lower Upper
154 100
153 0.0 93.4 140.0#
152 0.0 44.7 67.1#

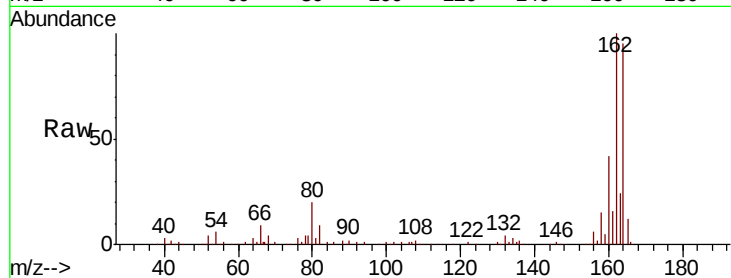




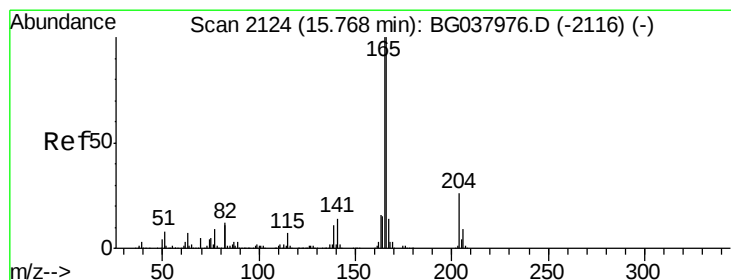
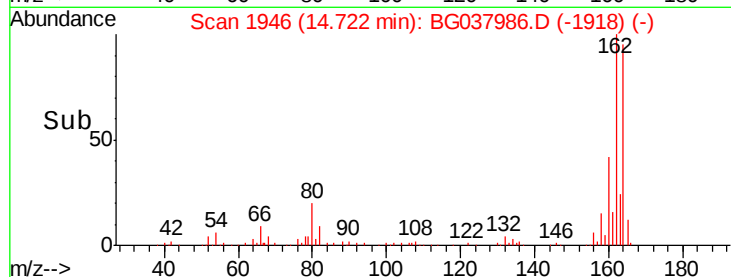
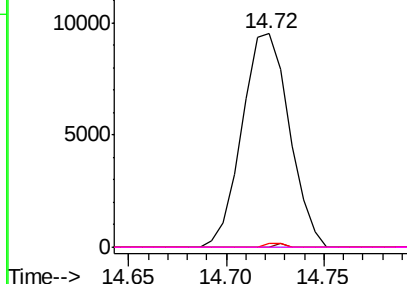
#57
 2,4-Dinitrotoluene
 Concen: 5.251 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG037986.D
 Acq: 13 Nov 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 SB-17-S

Tgt Ion:	165	Resp:	15984
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.0	57.2	85.8#
182	0.0	2.6	4.0#

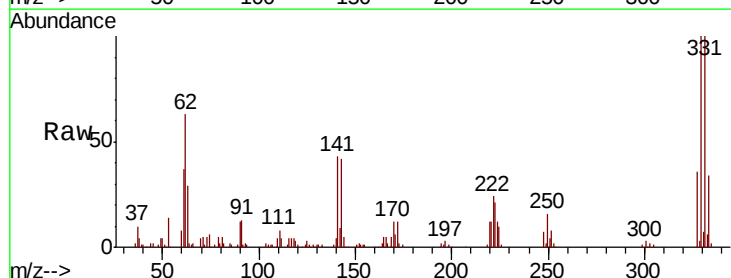


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

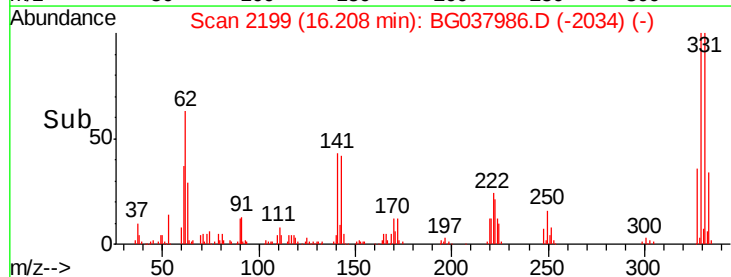
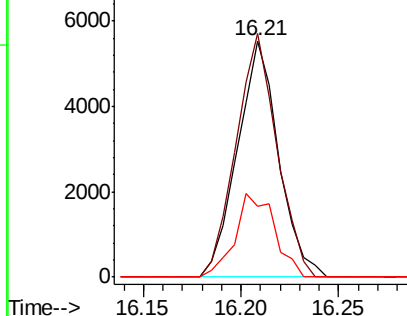


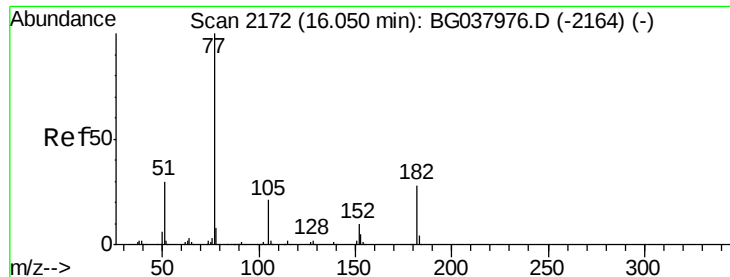
#58
 Fluorene
 Concen: 0.901 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.44 min
 Lab File: BG037986.D
 Acq: 13 Nov 2018 20:37

Tgt Ion:	166	Resp:	8046
Ion	Ratio	Lower	Upper
166	100		
165	79.4	79.0	118.6
167	23.1	11.3	16.9#



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





#63

Azobenzene

Concen: 0.099 ng

RT: 16.21 min Scan# 2200

Delta R.T. 0.16 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

Instrument :

BNA_G

ClientSampleId :

SB-17-S

Tgt Ion: 77 Resp: 930

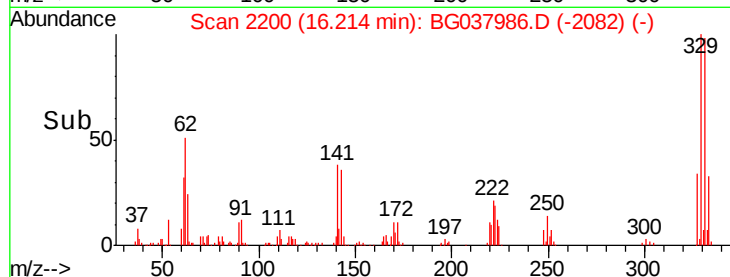
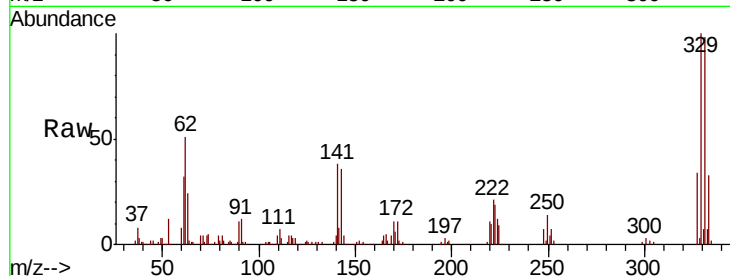
Ion Ratio Lower Upper

77 100

182 0.0 8.0 48.0#

105 79.5 1.3 41.3#

51 49.5 10.7 50.7

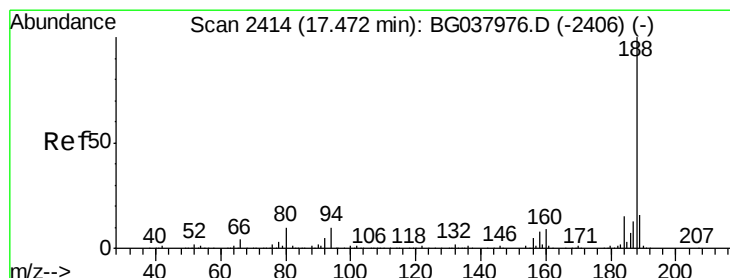
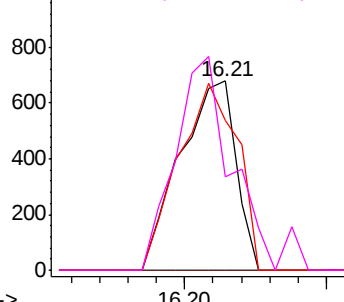


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

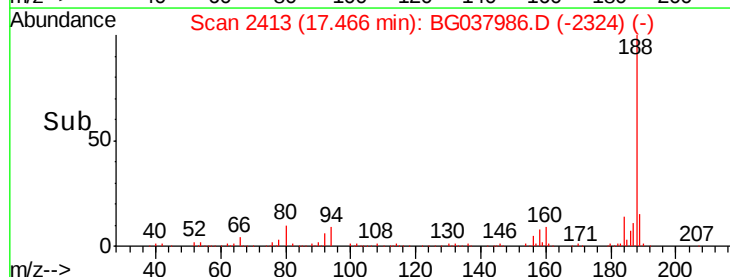
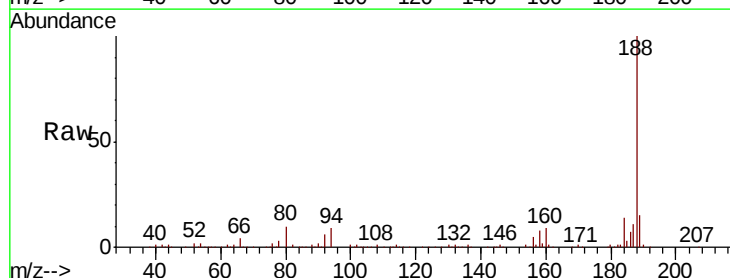
Tgt Ion: 188 Resp: 304911

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

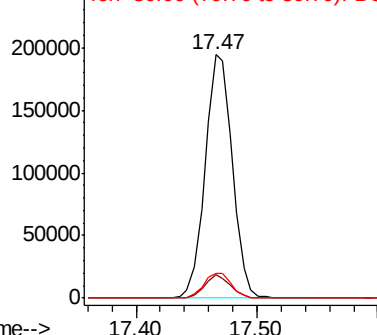
80 10.3 7.7 11.5

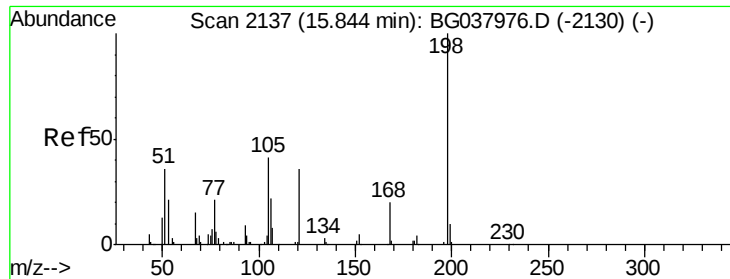


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

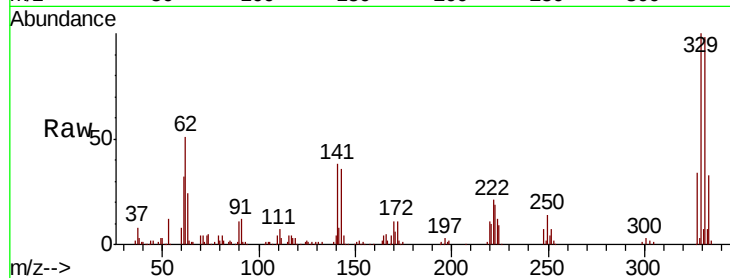




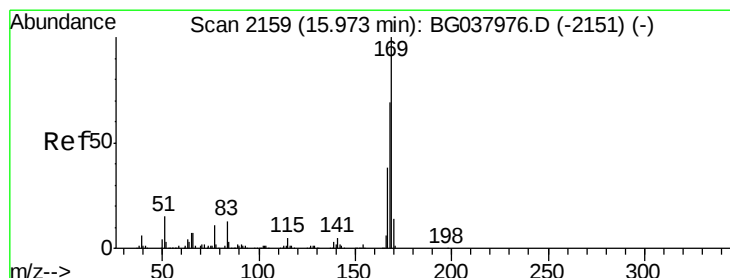
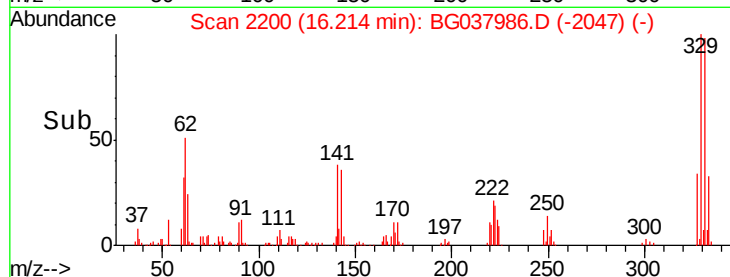
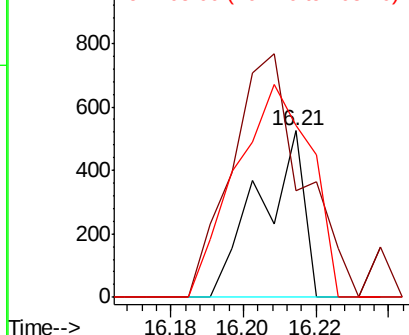
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.234 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.37 min
 Lab File: BG037986.D
 Acq: 13 Nov 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 SB-17-S

Tgt Ion:198 Resp: 451
 Ion Ratio Lower Upper
 198 100
 51 15.3 22.7 62.7#
 105 24.6 19.7 59.7

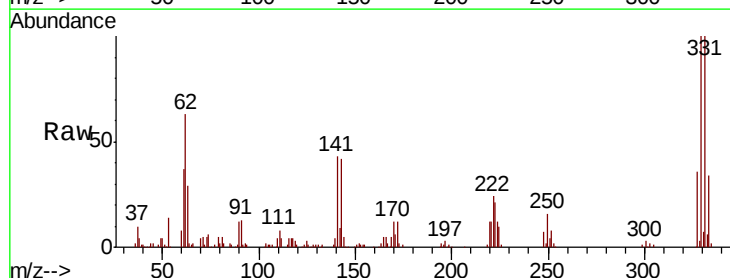


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

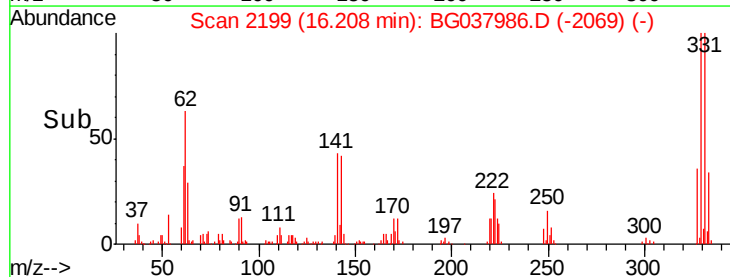
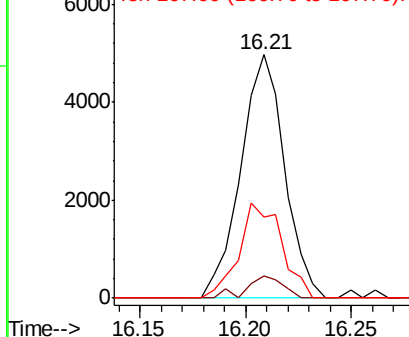


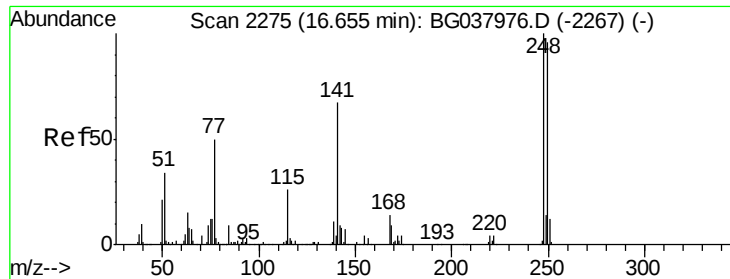
#66
 n-Nitrosodiphenylamine
 Concen: 0.775 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.24 min
 Lab File: BG037986.D
 Acq: 13 Nov 2018 20:37

Tgt Ion:169 Resp: 7149
 Ion Ratio Lower Upper
 169 100
 168 9.2 55.7 83.5#
 167 33.4 31.3 46.9



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

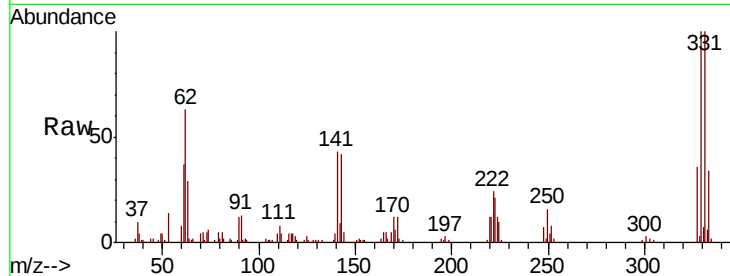




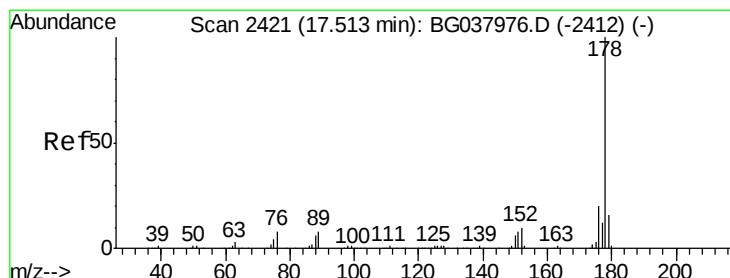
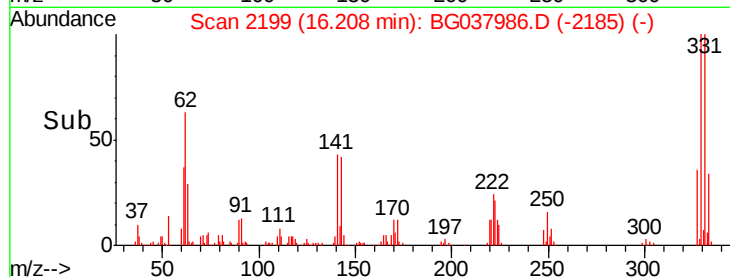
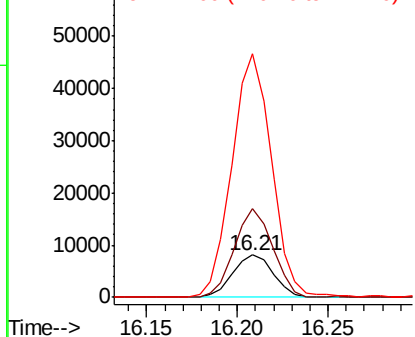
#67
 4-Bromophenyl-phenylether
 Concen: 3.802 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG037986.D
 Acq: 13 Nov 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 SB-17-S

Tgt Ion:248 Resp: 12724
 Ion Ratio Lower Upper
 248 100
 250 201.7 77.0 115.6#
 141 430.9 55.5 83.3#

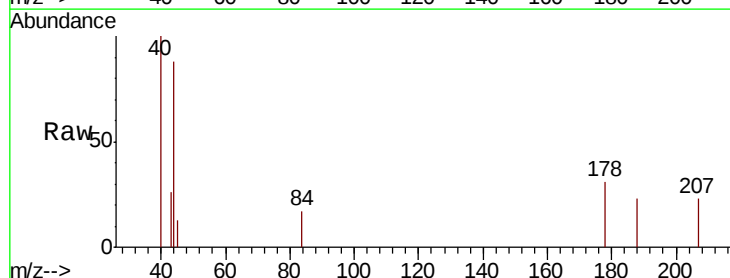


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

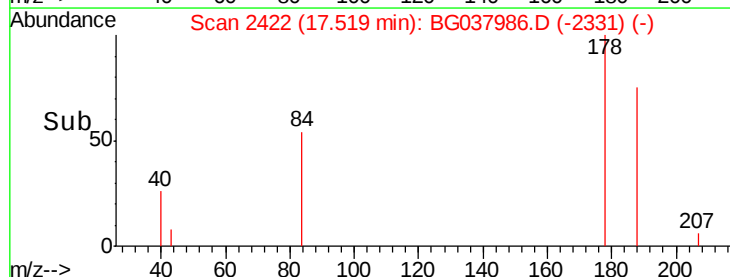
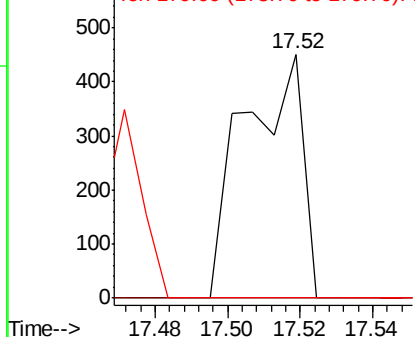


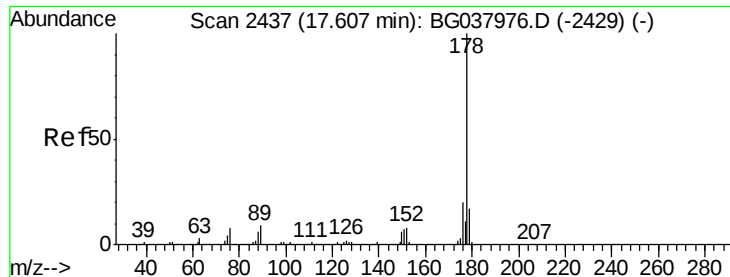
#71
 Phenanthrene
 Concen: 0.032 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. 0.01 min
 Lab File: BG037986.D
 Acq: 13 Nov 2018 20:37

Tgt Ion:178 Resp: 507
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.1 24.1#
 179 0.0 13.0 19.4#



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

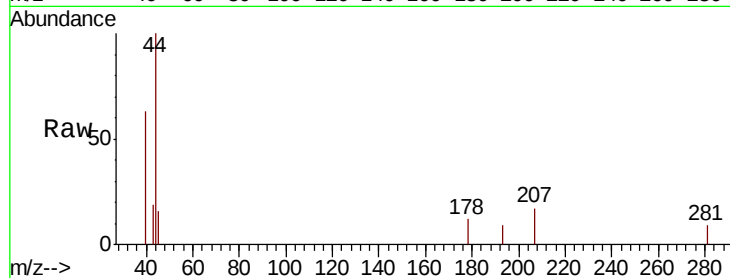




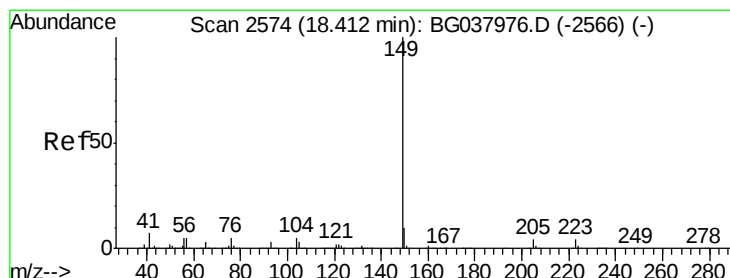
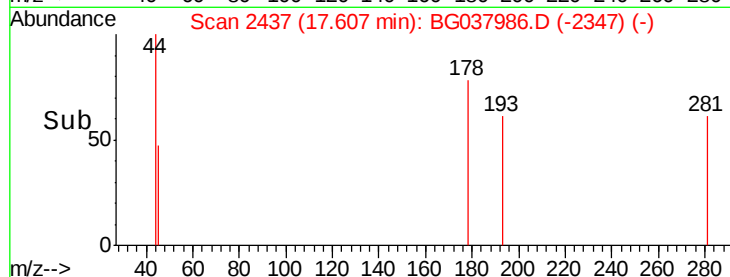
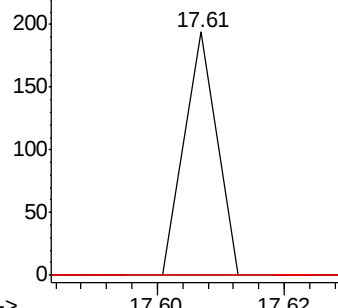
#72
 Anthracene
 Concen: 0.004 ng
 RT: 17.61 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BG037986.D
 Acq: 13 Nov 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 SB-17-S

Tgt Ion:178 Resp: 68
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.0 22.4#
 179 0.0 12.8 19.2#

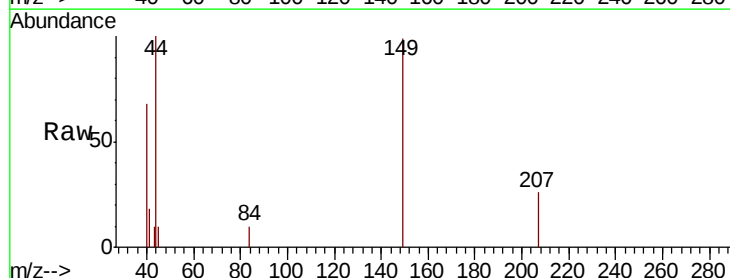


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

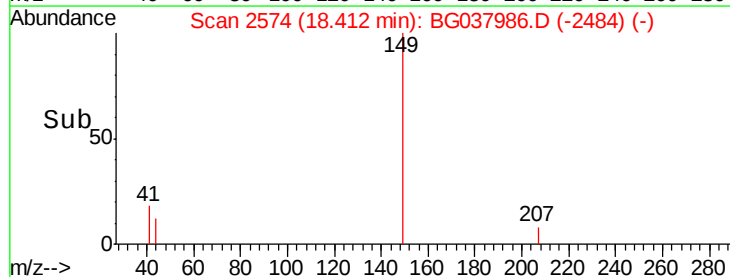
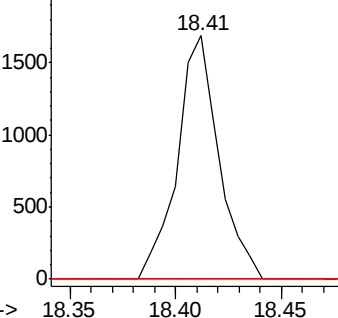


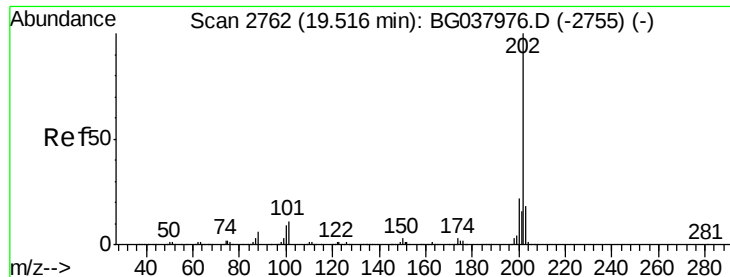
#74
 Di-n-butylphthalate
 Concen: 0.133 ng
 RT: 18.41 min Scan# 2574
 Delta R.T. 0.00 min
 Lab File: BG037986.D
 Acq: 13 Nov 2018 20:37

Tgt Ion:149 Resp: 2305
 Ion Ratio Lower Upper
 149 100
 150 0.0 8.2 12.2#
 104 0.0 4.0 6.0#



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





#75

Fluoranthene

Concen: 0.011 ng

RT: 19.53 min Scan# 2764

Delta R.T. 0.01 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

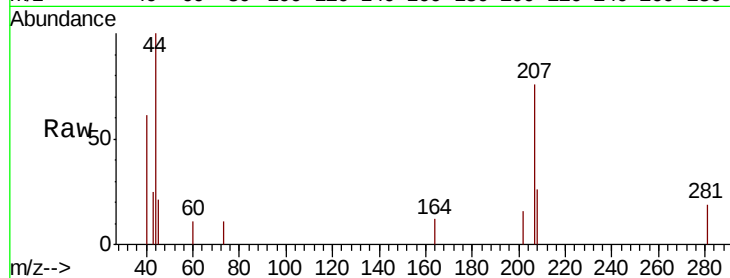
Instrument :

BNA_G

ClientSampleId :

SB-17-S

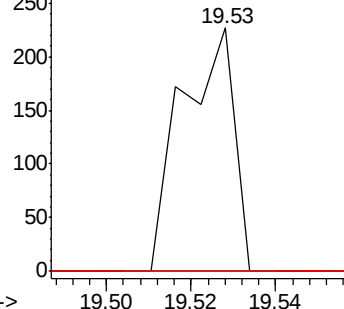
Tgt Ion:	202	Resp:	195
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.7
203	0.0	0.0	38.5



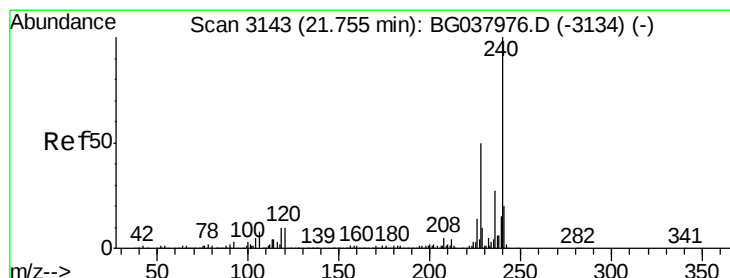
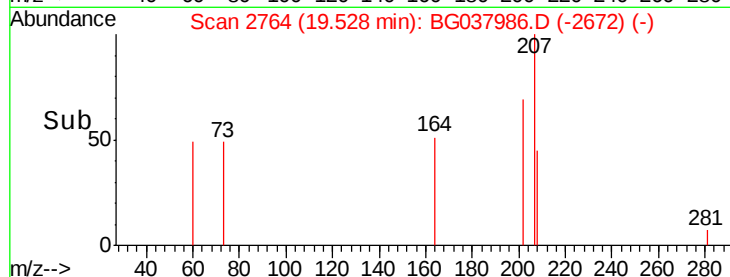
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

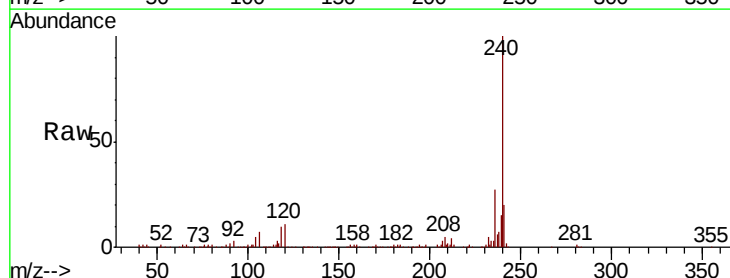
RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

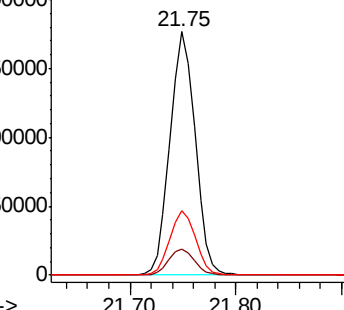
Tgt Ion:	240	Resp:	292338
Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.1	12.1
236	26.6	21.4	32.0



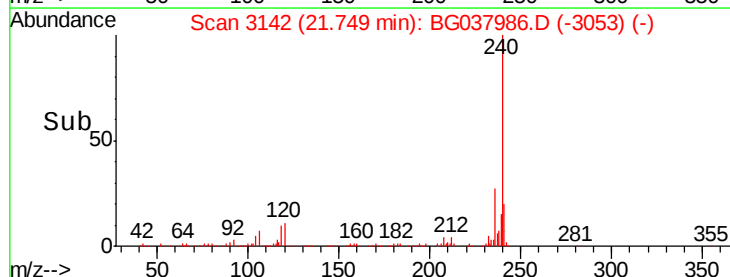
Abundance Ion 240.00 (239.70 to 240.70): E

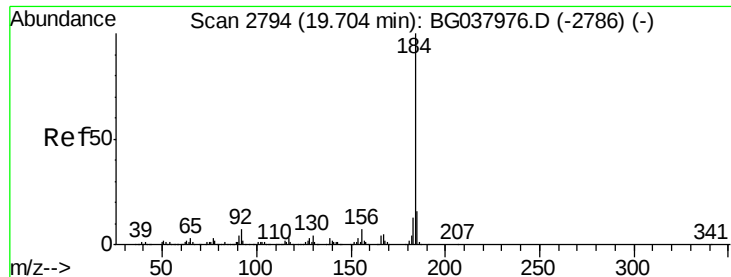
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 1.761 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.36 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

Instrument :

BNA_G

ClientSampleId :

SB-17-S

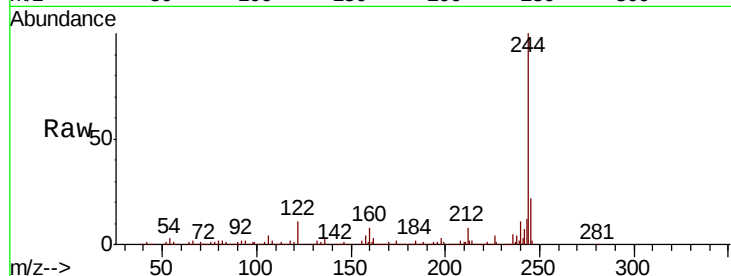
Tgt Ion:184 Resp: 18061

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

183 12.8 10.2 15.2

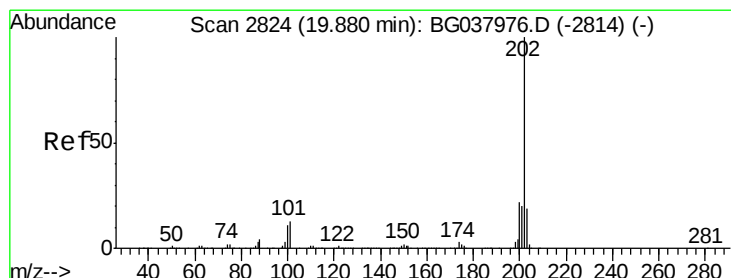
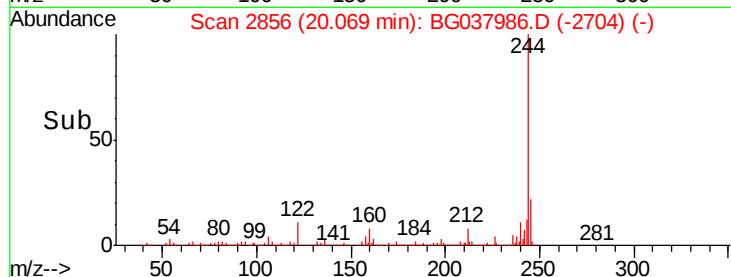
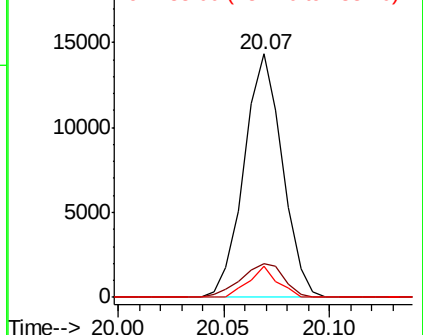


Abundance

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



#78

Pyrene

Concen: 0.227 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.19 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

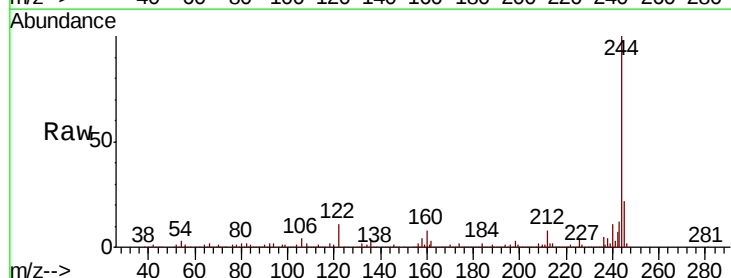
Tgt Ion:202 Resp: 4340

Ion Ratio Lower Upper

202 100

200 36.2 17.8 26.6#

203 17.4 15.2 22.8

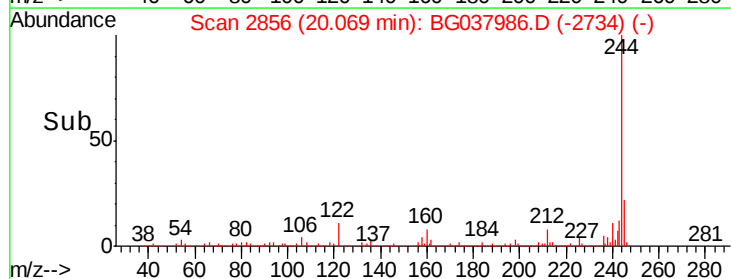
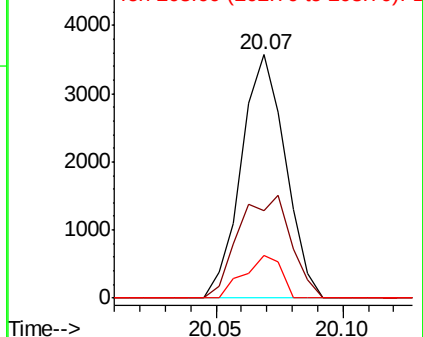


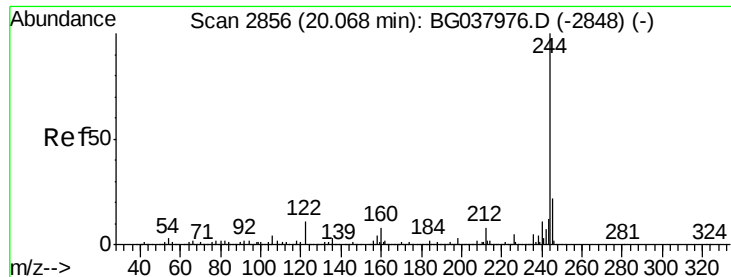
Abundance

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





#79

Terphenyl-d14

Concen: 90.732 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

Instrument :

BNA_G

ClientSampled :

SB-17-S

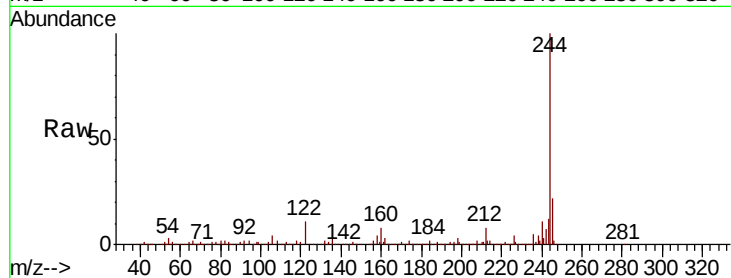
Tgt Ion:244 Resp: 1127261

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

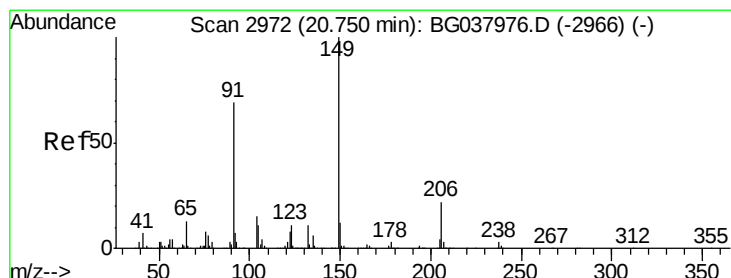
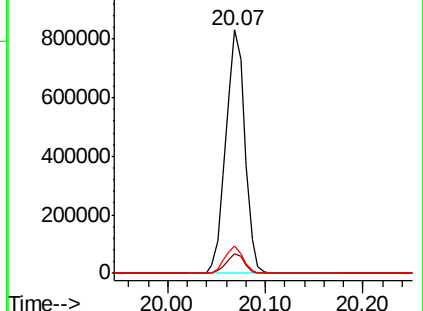
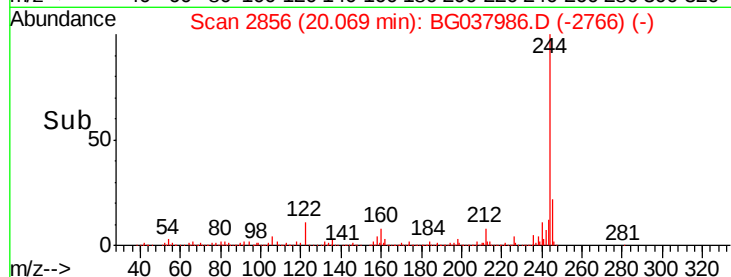
122 11.4 9.0 13.4



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



#80

Butylbenzylphthalate

Concen: 0.022 ng

RT: 20.76 min Scan# 2973

Delta R.T. 0.01 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

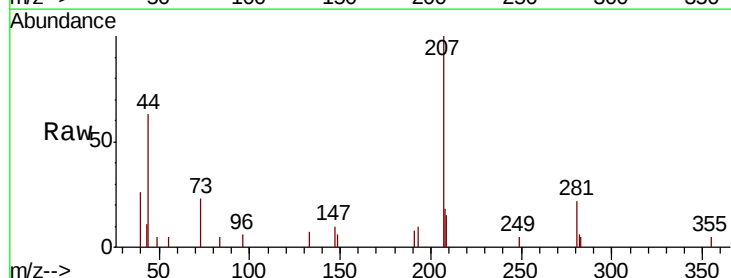
Tgt Ion:149 Resp: 186

Ion Ratio Lower Upper

149 100

91 0.0 57.0 85.4#

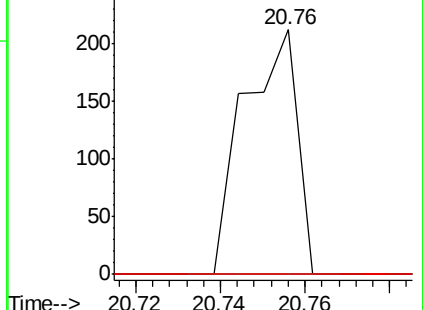
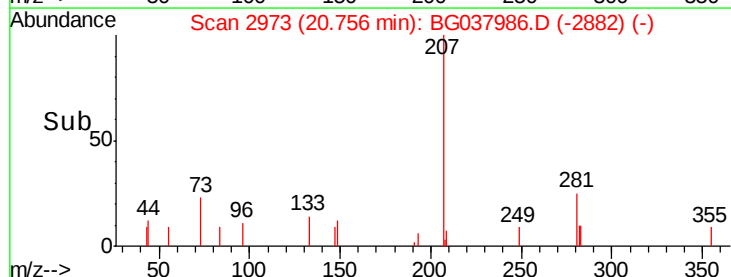
206 0.0 17.8 26.6#

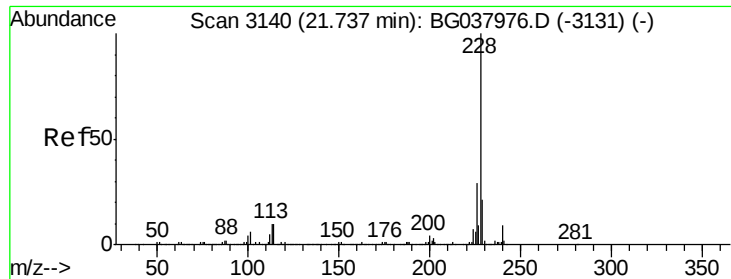


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

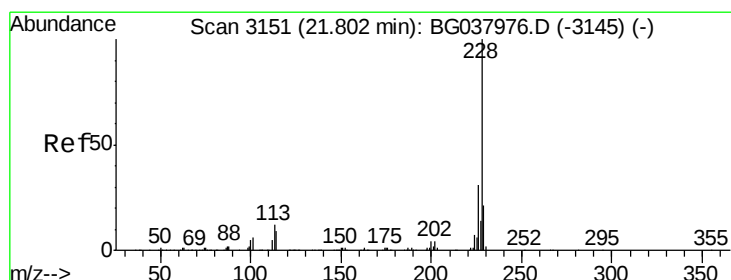
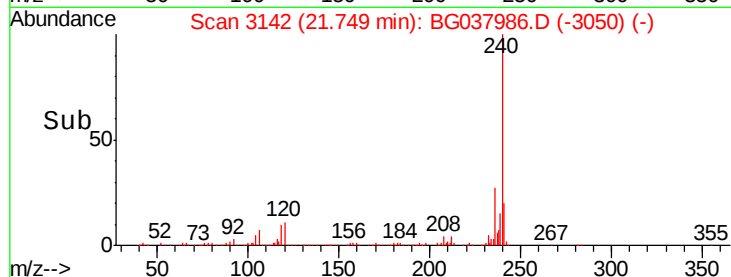
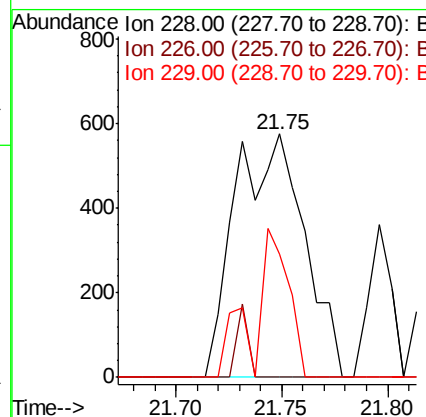
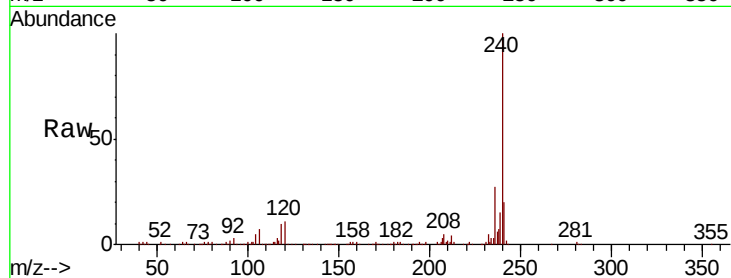




#81
Benzo(a)anthracene
Concen: 0.074 ng
RT: 21.75 min Scan# 3142
Delta R.T. 0.01 min
Lab File: BG037986.D
Acq: 13 Nov 2018 20:37

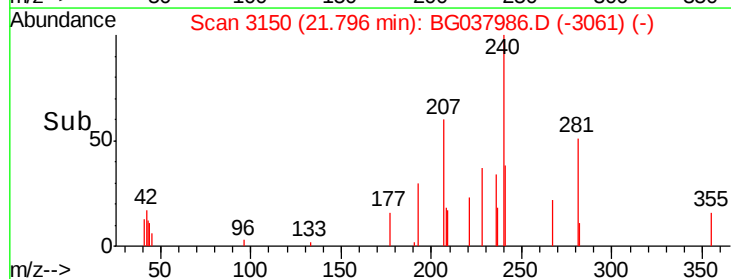
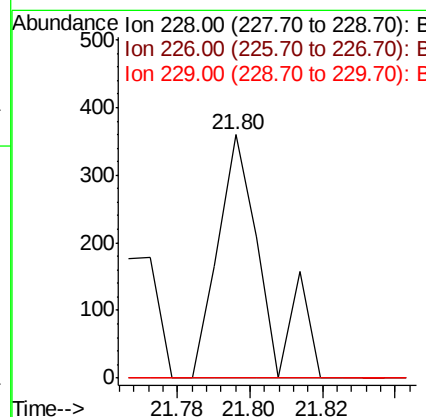
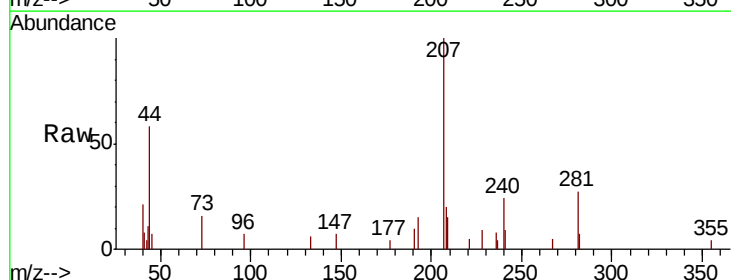
Instrument :
BNA_G
ClientSampleId :
SB-17-S

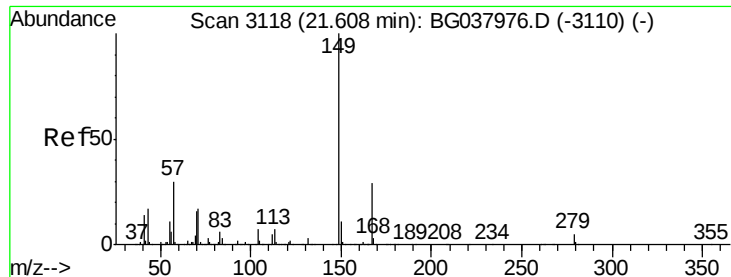
Tgt Ion:228 Resp: 1308
Ion Ratio Lower Upper
228 100
226 0.0 22.6 33.8#
229 50.9 16.3 24.5#



#83
Chrysene
Concen: 0.019 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG037986.D
Acq: 13 Nov 2018 20:37

Tgt Ion:228 Resp: 314
Ion Ratio Lower Upper
228 100
226 0.0 25.7 38.5#
229 0.0 16.5 24.7#

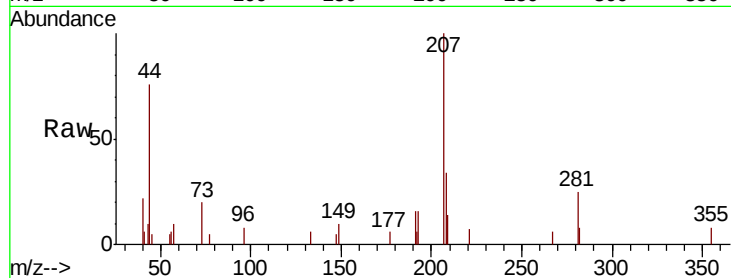




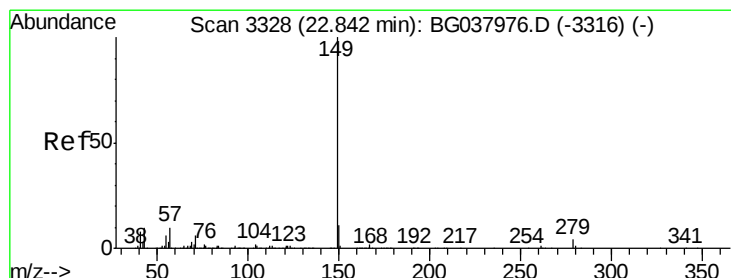
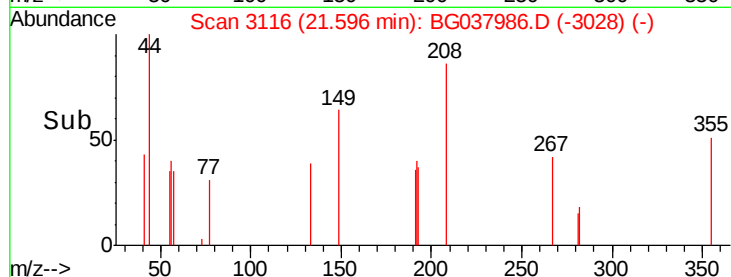
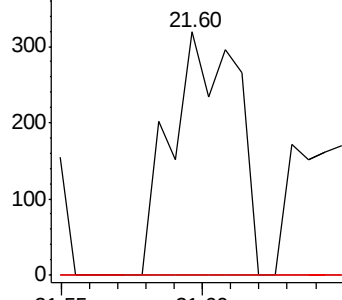
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.043 ng
 RT: 21.60 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG037986.D
 Acq: 13 Nov 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 SB-17-S

Tgt Ion:149 Resp: 517
 Ion Ratio Lower Upper
 149 100
 167 0.0 23.0 34.4#
 279 0.0 3.6 5.4#

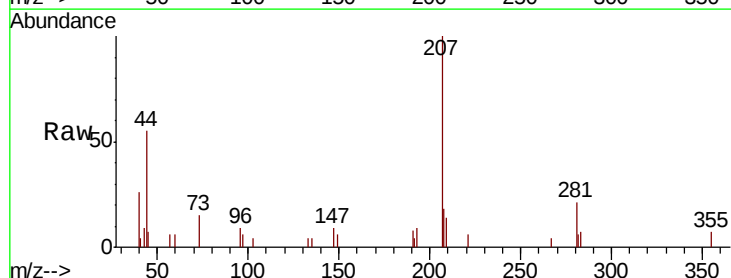


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

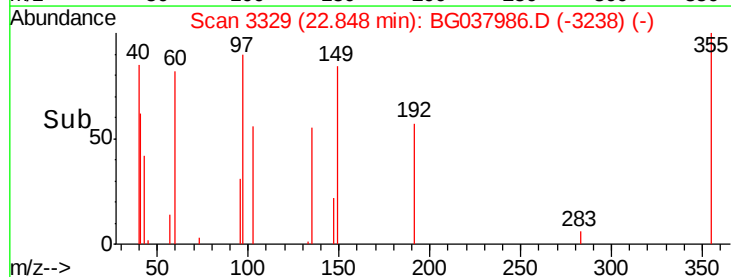
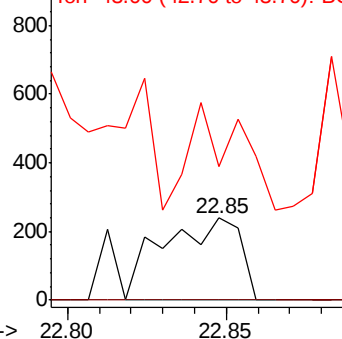


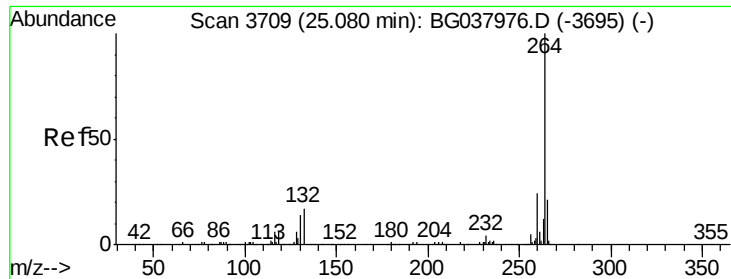
#85
 Di-n-octyl phthalate
 Concen: 0.021 ng
 RT: 22.85 min Scan# 3329
 Delta R.T. 0.01 min
 Lab File: BG037986.D
 Acq: 13 Nov 2018 20:37

Tgt Ion:149 Resp: 406
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 0.0 8.7 13.1#



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

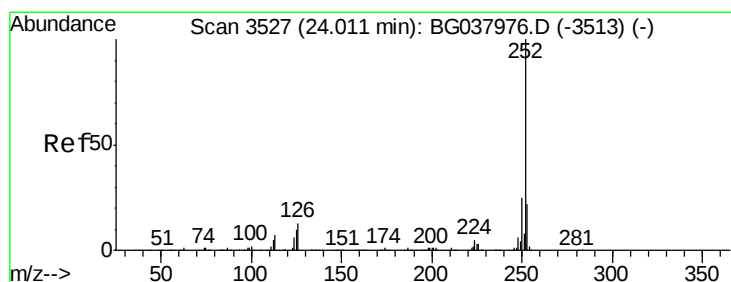
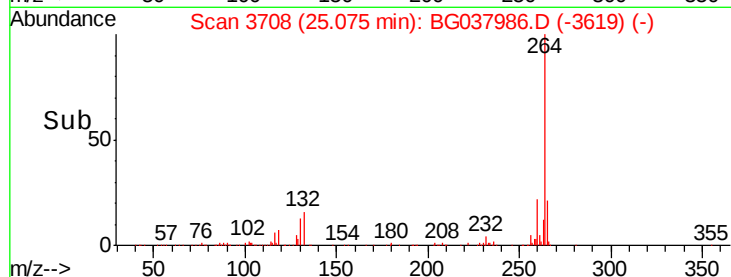
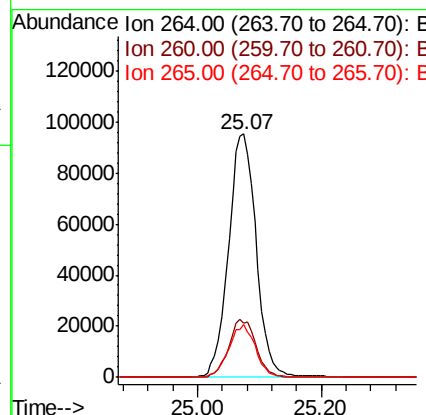
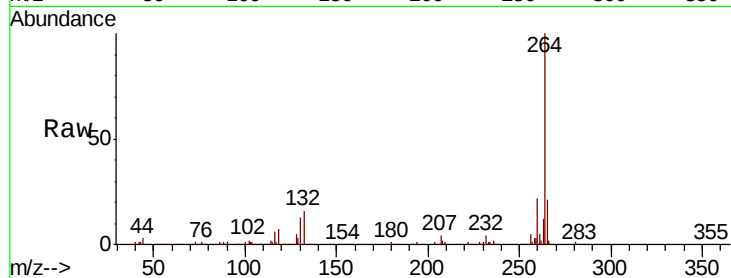




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG037986.D
Acq: 13 Nov 2018 20:37

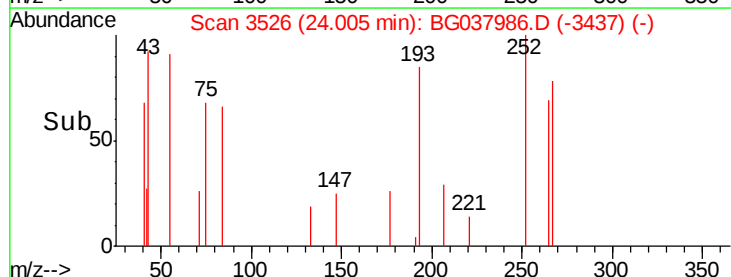
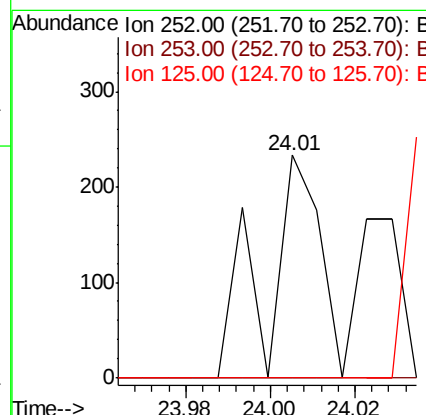
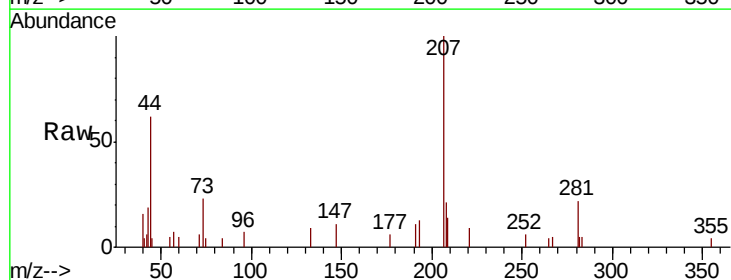
Instrument :
BNA_G
ClientSampleId :
SB-17-S

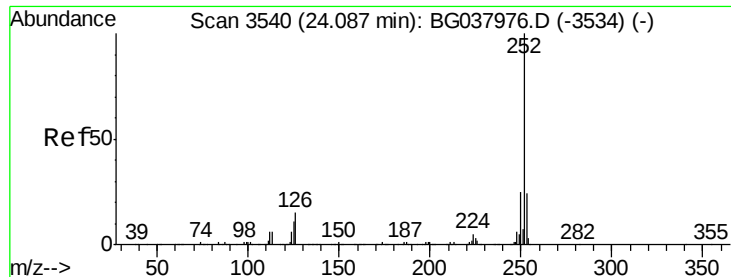
Tgt Ion:264 Resp: 296389
Ion Ratio Lower Upper
264 100
260 22.4 18.2 27.4
265 21.5 17.9 26.9



#88
Benzo(b)fluoranthene
Concen: 0.013 ng
RT: 24.01 min Scan# 3526
Delta R.T. -0.01 min
Lab File: BG037986.D
Acq: 13 Nov 2018 20:37

Tgt Ion:252 Resp: 207
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.2#
125 0.0 7.8 11.6#





#89

Benzo(k)fluoranthene

Concen: 0.022 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.01 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

Instrument :

BNA_G

ClientSampleId :

SB-17-S

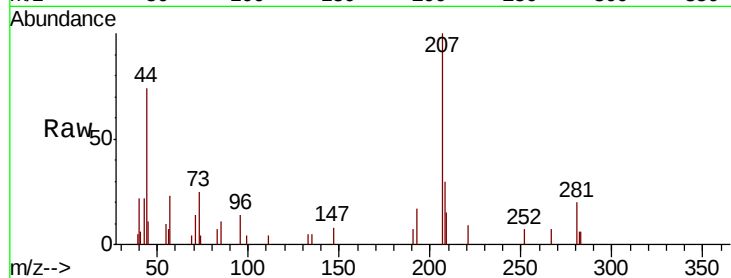
Tgt Ion:252 Resp: 349

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

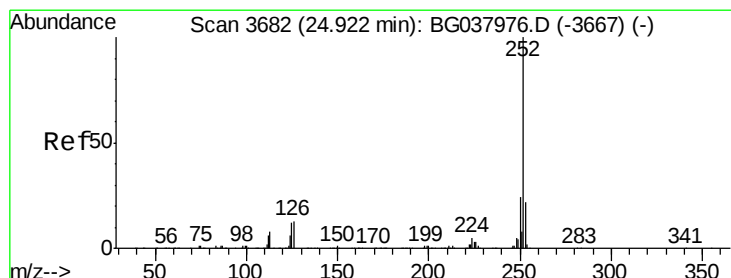
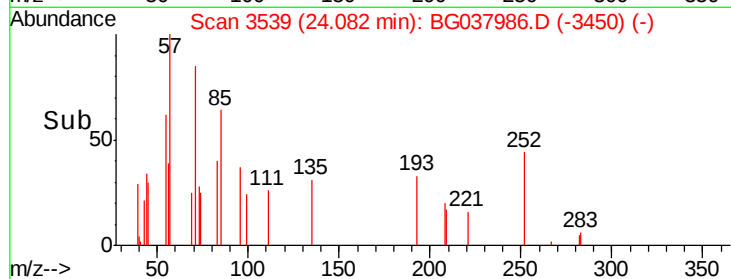
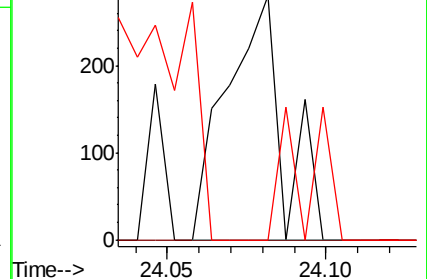
125 0.0 7.4 11.0#



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

Benzo(a)pyrene

Concen: 0.004 ng

RT: 24.90 min Scan# 3679

Delta R.T. -0.02 min

Lab File: BG037986.D

Acq: 13 Nov 2018 20:37

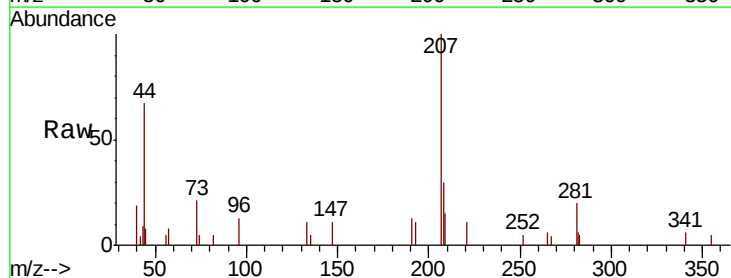
Tgt Ion:252 Resp: 64

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

125 0.0 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

