

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111517\
 Data File : BG031012.D
 Acq On : 15 Nov 2017 13:03
 Operator : SJ/JU
 Sample : I6307-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 15 14:18:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	27825	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	105350	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	33204	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	184994	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	142931	20.00	ng	-0.01
86) Perylene-d12	25.08	264	6568	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	243412	150.01	ng	0.00
7) Phenol-d6	7.31	99	185548	84.88	ng	0.00
23) Nitrobenzene-d5	9.31	82	209687	117.94	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	266294	495.77	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	679814	294.19	ng	-0.02
78) Terphenyl-d14	20.09	244	1449198	223.88	ng	0.00

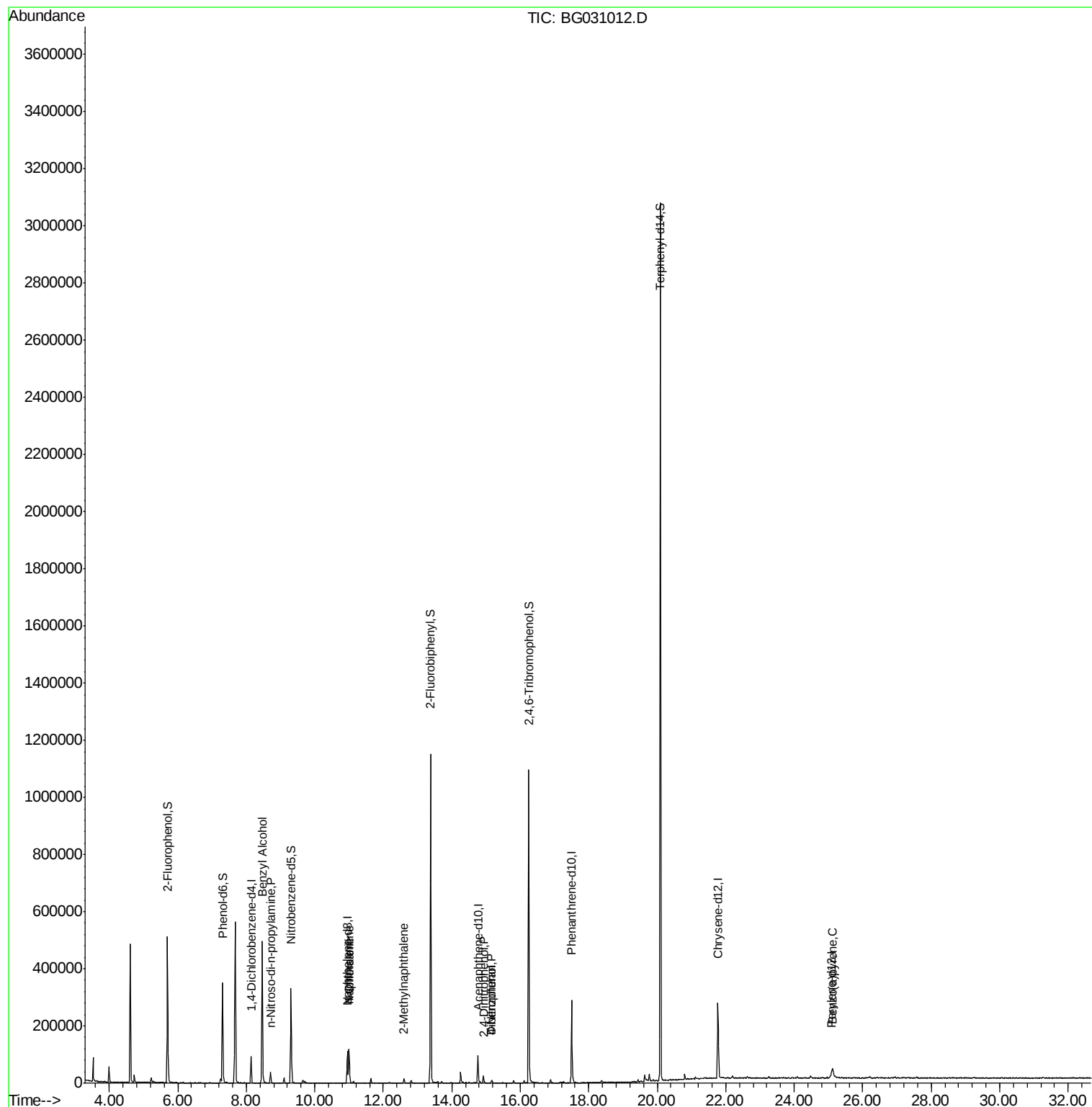
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	8.46	79	3777	2.154	ng	# 42
19) n-Nitroso-di-n-propylamine	8.71	70	3910	2.352	ng	# 56
31) Naphthalene	11.01	128	110969	21.427	ng	# 98
33) 4-Chloroaniline	11.01	127	14849	6.550	ng	# 32
37) 2-Methylnaphthalene	12.61	142	10432	2.609	ng	# 93
53) 2,4-Dinitrophenol	14.95	184	67	6.056	ng	# 1
54) Dibenzofuran	15.16	168	9134	2.824	ng	# 94
55) 4-Nitrophenol	15.16	139	3113	6.955	ng	# 1
89) Benzo(a)pyrene	25.12	252	883	2.340	ng	# 1

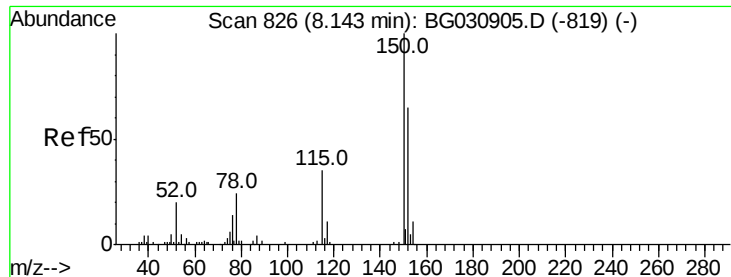
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111517\
Data File : BG031012.D
Acq On : 15 Nov 2017 13:03
Operator : SJ/JU
Sample : I6307-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 15 14:18:02 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG031012.D

Acq: 15 Nov 2017 13:03

Instrument :

BNA_G

ClientSampleId :

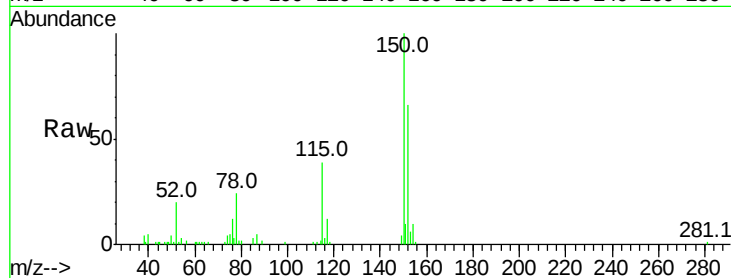
Tot Ion:152 Resp: 27825

Ion Ratio Lower Upper

152 100

150 152.0 126.6 189.8

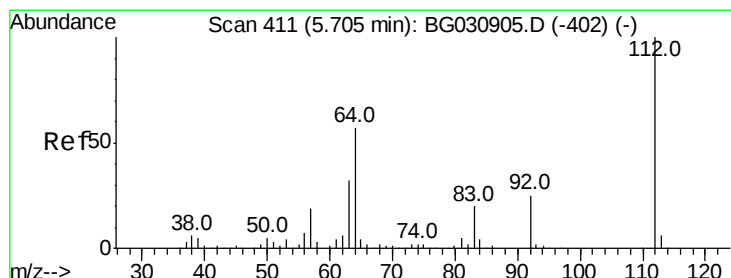
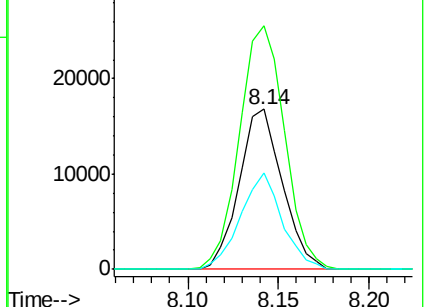
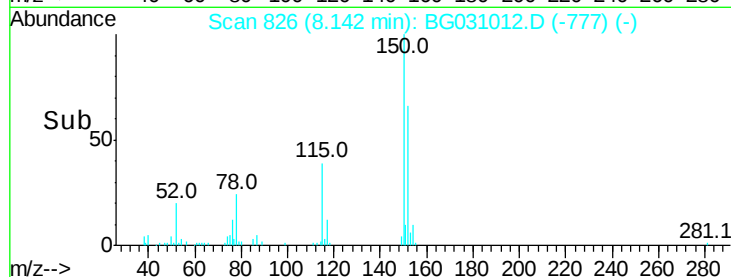
115 59.8 53.0 79.4



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



#5

2-Fluorophenol

Concen: 150.006 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.00 min

Lab File: BG031012.D

Acq: 15 Nov 2017 13:03

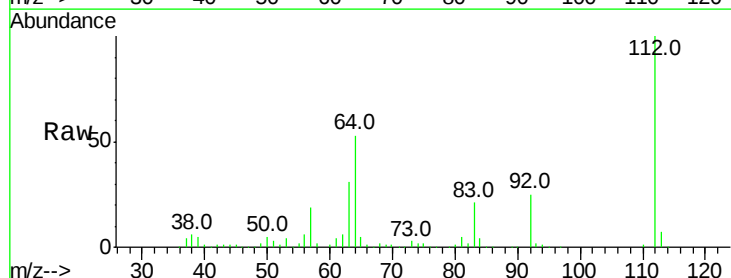
Tgt Ion:112 Resp: 243412

Ion Ratio Lower Upper

112 100

64 52.8 56.3 84.5#

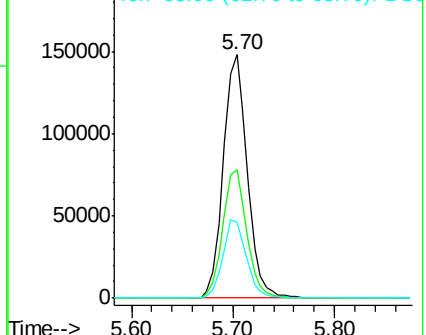
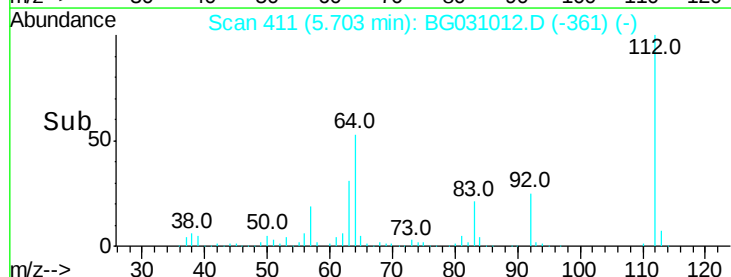
63 31.2 30.1 45.1

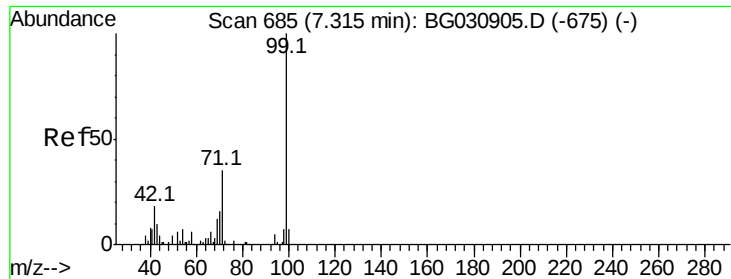


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 84.876 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG031012.D

Acq: 15 Nov 2017 13:03

Instrument :

BNA_G

ClientSampled :

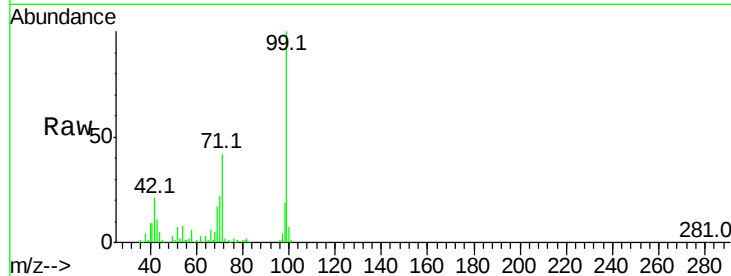
Tot Ion: 99 Resp: 185548

Ion Ratio Lower Upper

99 100

42 20.8 14.1 21.1

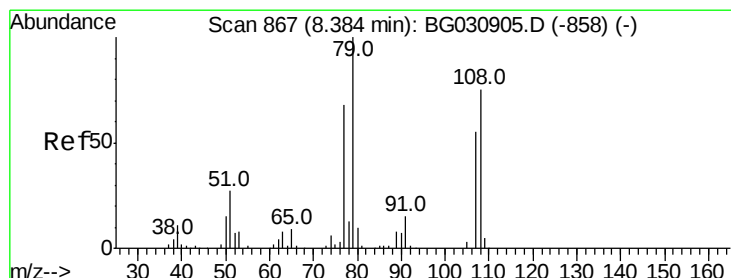
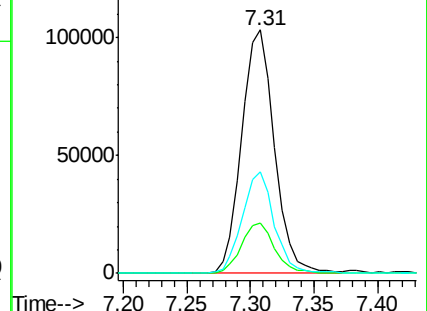
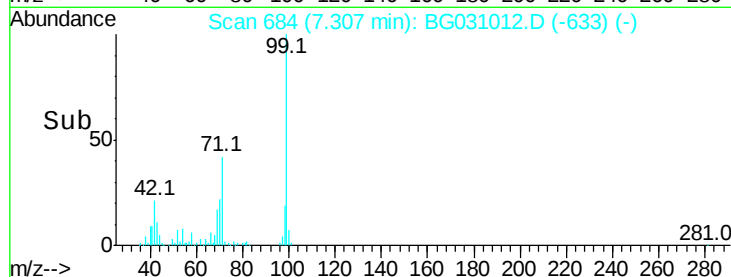
71 41.8 26.1 39.1#



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



#15

Benzyl Alcohol

Concen: 2.154 ng

RT: 8.46 min Scan# 881

Delta R.T. 0.08 min

Lab File: BG031012.D

Acq: 15 Nov 2017 13:03

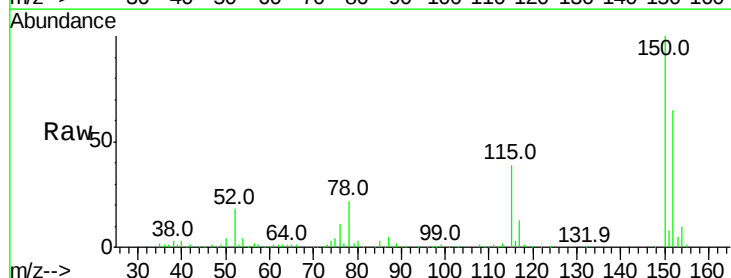
Tgt Ion: 79 Resp: 3777

Ion Ratio Lower Upper

79 100

108 29.3 57.2 85.8#

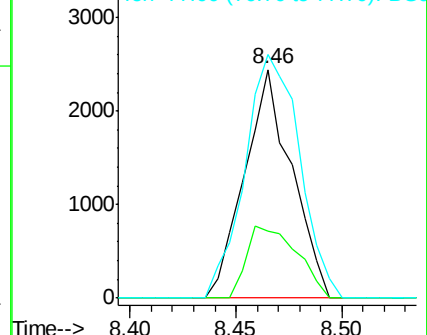
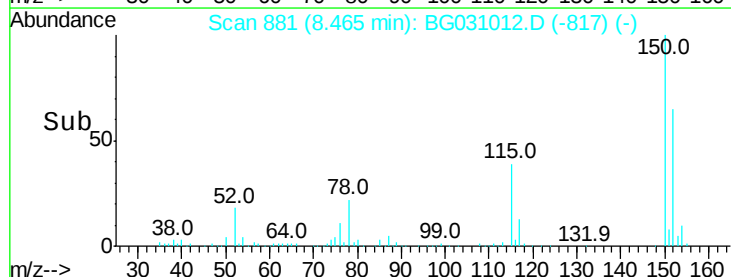
77 106.6 46.1 69.1#

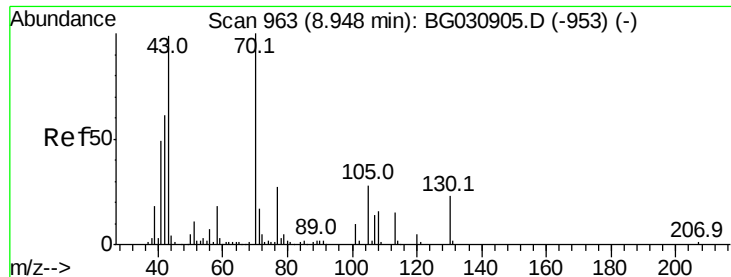


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 2.352 ng

RT: 8.71 min Scan# 922

Delta R.T. -0.25 min

Lab File: BG031012.D

Acq: 15 Nov 2017 13:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 3910

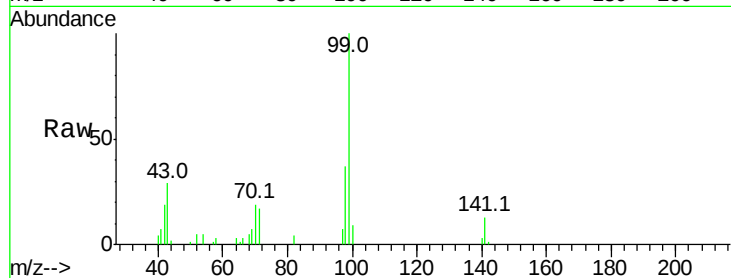
Ion Ratio Lower Upper

70 100

42 97.9 49.1 73.7#

101 0.0 8.5 12.7#

130 0.0 13.4 20.0#

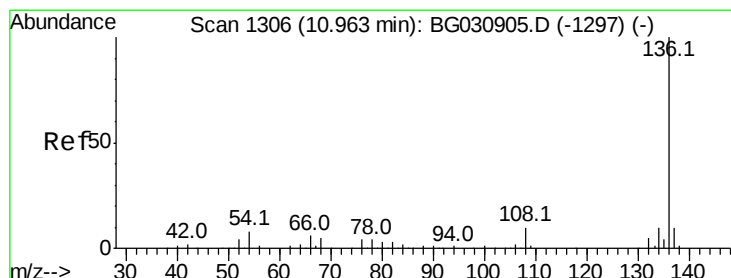
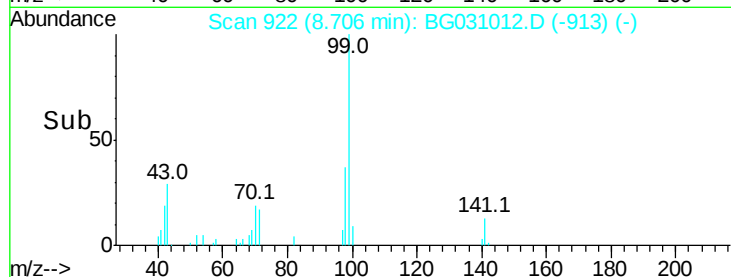
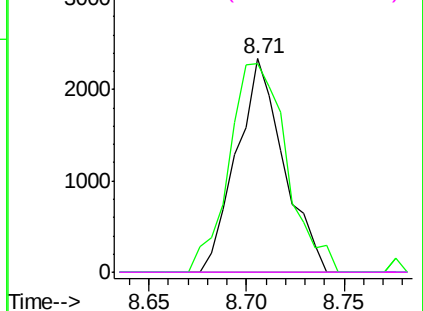


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031012.D

Acq: 15 Nov 2017 13:03

Tgt Ion: 136 Resp: 105350

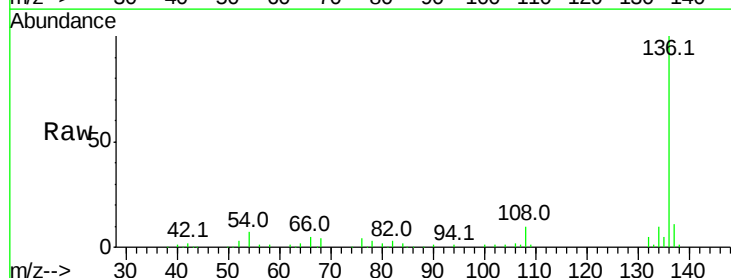
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 7.2 10.3 15.5#

68 3.9 4.5 6.7#

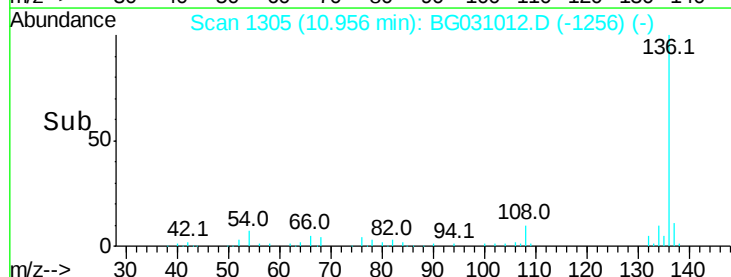
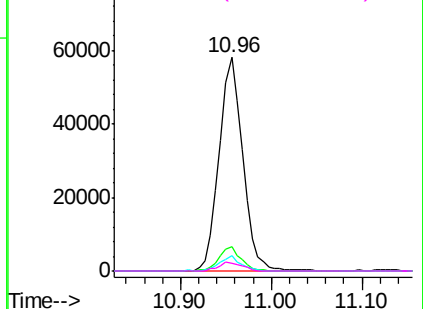


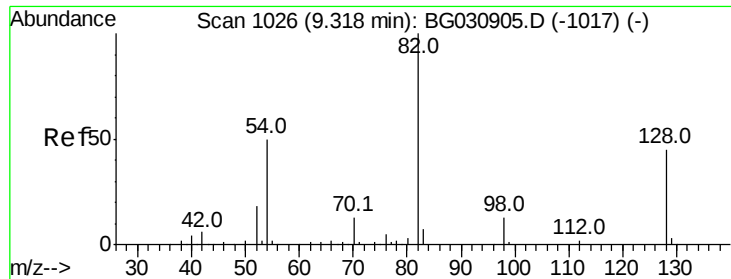
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

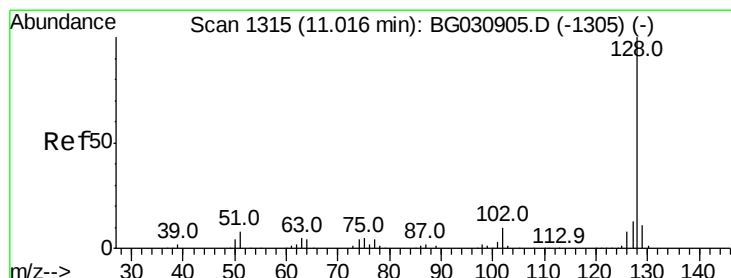
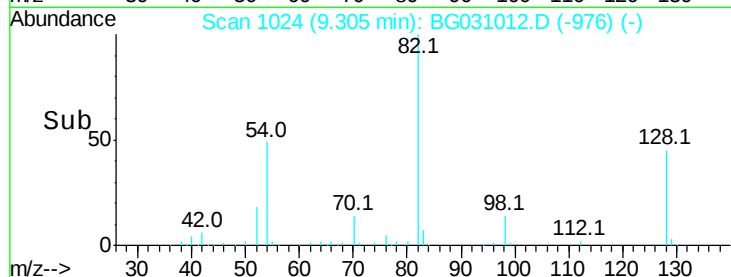
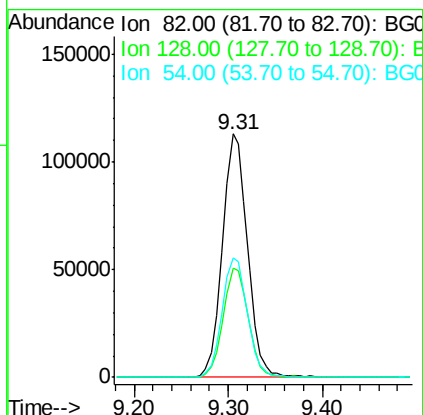
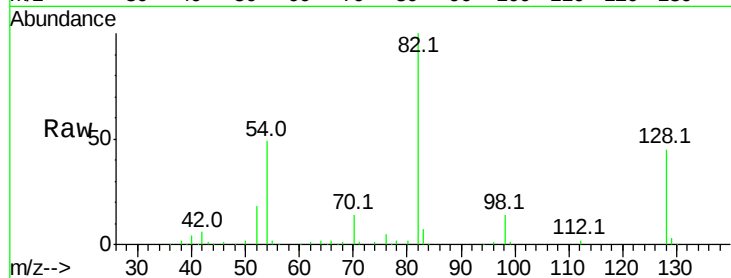




#23
 Nitrobenzene-d5
 Concen: 117.943 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031012.D
 Acq: 15 Nov 2017 13:03

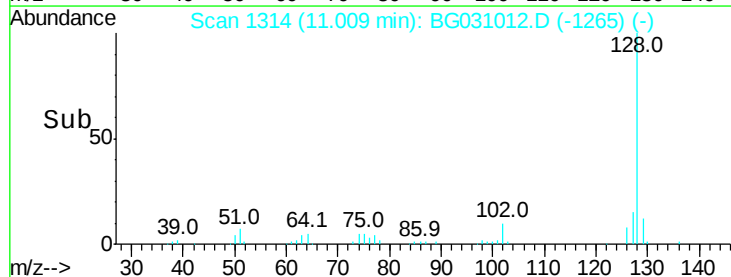
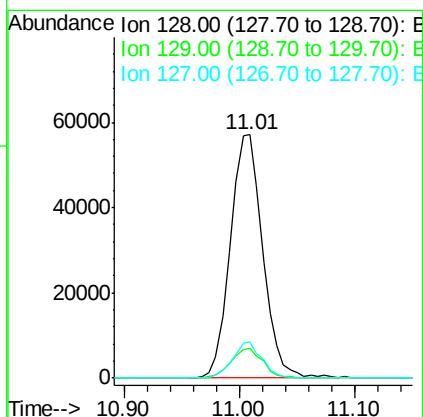
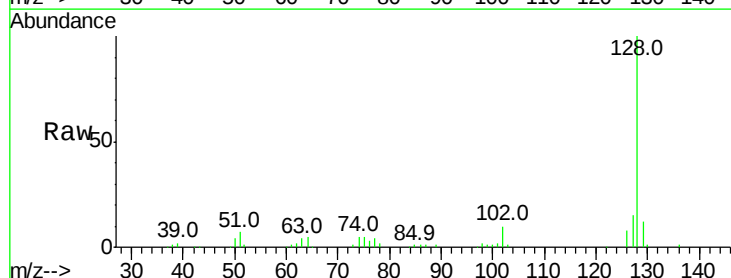
Instrument :
 BNA_G
 ClientSampleId :

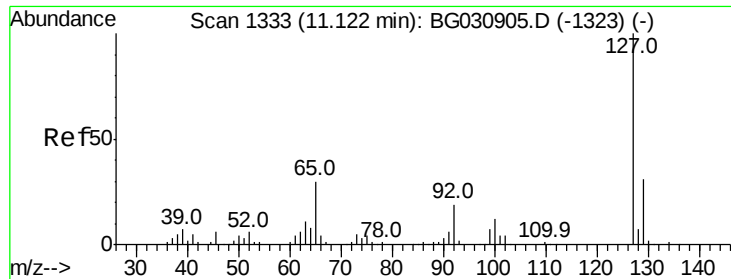
Tot Ion: 82 Resp: 209687
 Ion Ratio Lower Upper
 82 100
 128 44.8 29.7 44.5#
 54 49.3 43.1 64.7



#31
 Naphthalene
 Concen: 21.427 ng
 RT: 11.01 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BG031012.D
 Acq: 15 Nov 2017 13:03

Tgt Ion: 128 Resp: 110969
 Ion Ratio Lower Upper
 128 100
 129 12.5 8.6 12.8
 127 14.8 11.6 17.4

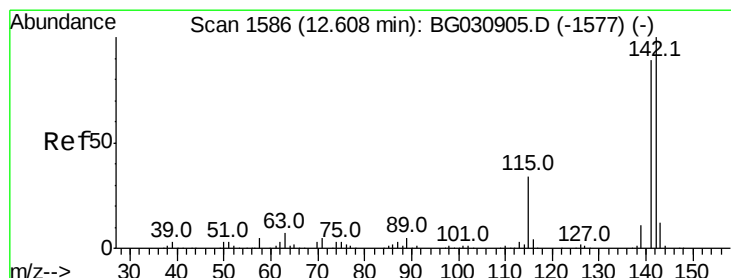
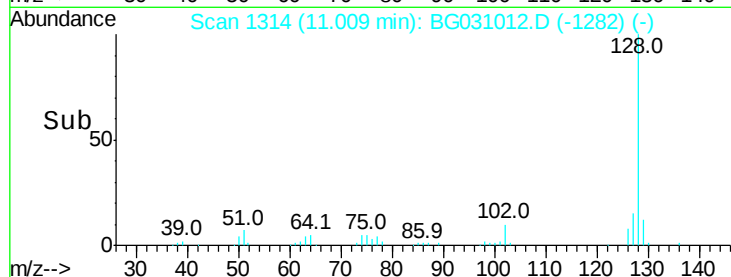
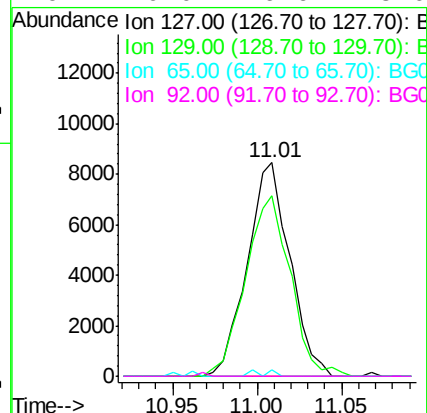
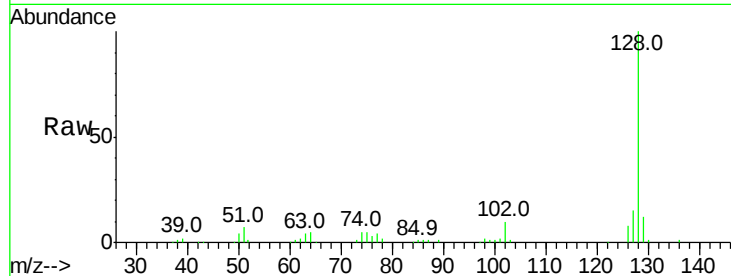




#33
4-Chloroaniline
Concen: 6.550 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.11 min
Lab File: BG031012.D
Acq: 15 Nov 2017 13:03

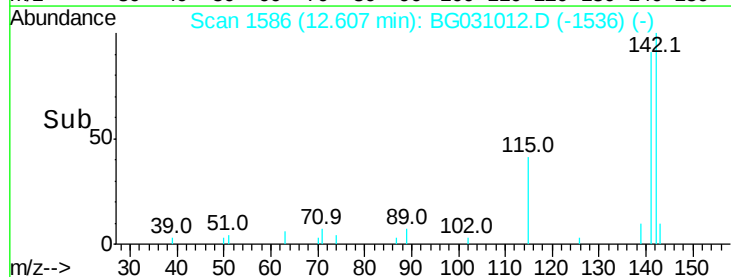
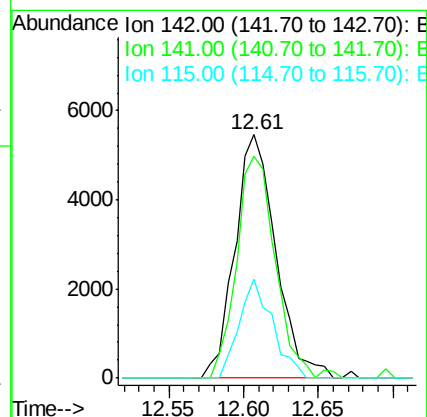
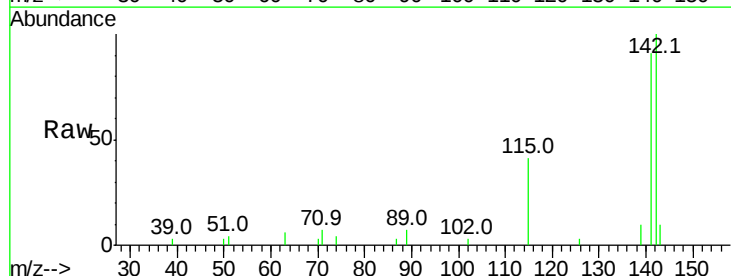
Instrument :
BNA_G
ClientSampleId :

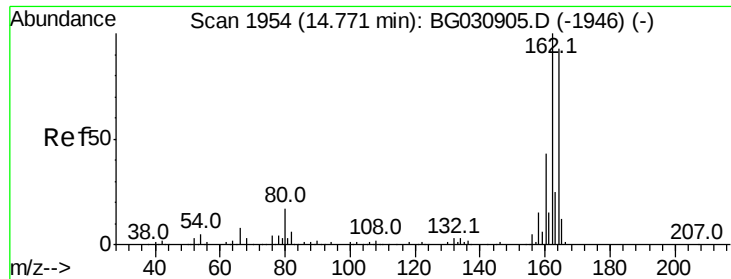
Tot Ion:127	Resp:	14849	
Ion Ratio	Lower	Upper	
127 100			
129 84.4	24.0	36.0#	
65 2.9	27.0	40.4#	
92 0.0	16.6	25.0#	



#37
2-Methylnaphthalene
Concen: 2.609 ng
RT: 12.61 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BG031012.D
Acq: 15 Nov 2017 13:03

Tgt Ion:142	Resp:	10432
Ion Ratio	Lower	Upper
142 100		
141 91.2	67.1	100.7
115 40.8	30.7	46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG031012.D

Acq: 15 Nov 2017 13:03

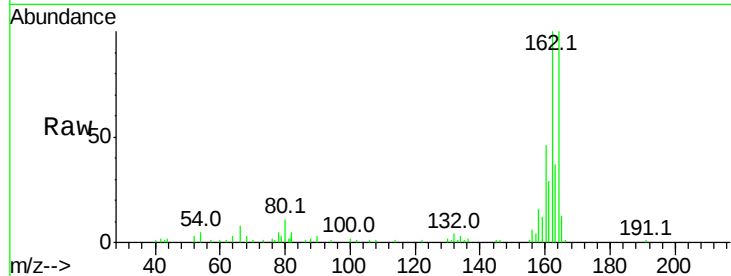
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 33204

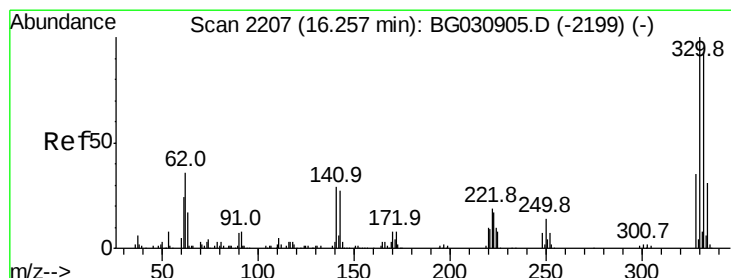
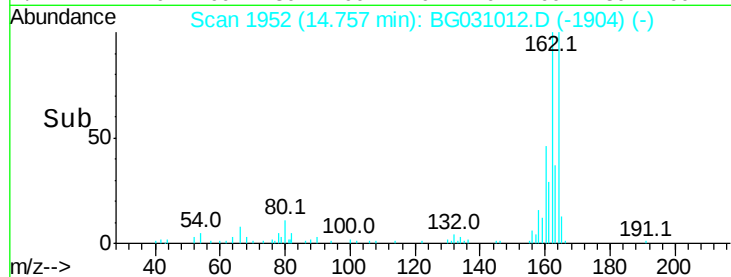
Ion	Ratio	Lower	Upper
164	100		
162	100.5	78.8	118.2
160	46.4	35.4	53.0



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: 495.769 ng

RT: 16.24 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG031012.D

Acq: 15 Nov 2017 13:03

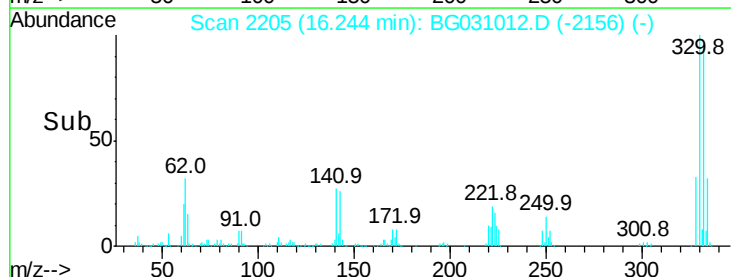
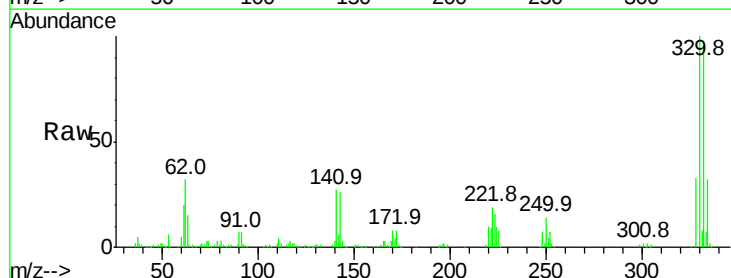
Tgt Ion:330 Resp: 266294

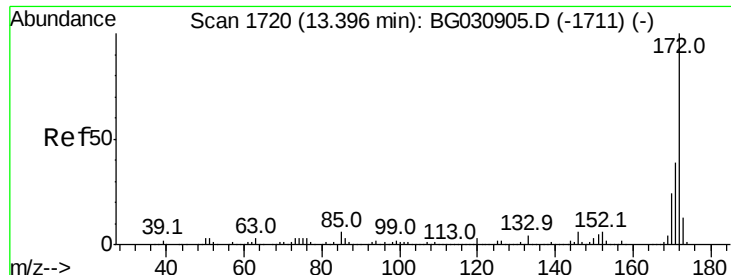
Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	26.2	25.2	37.8

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

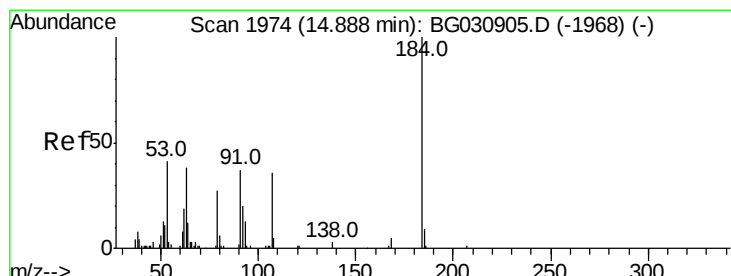
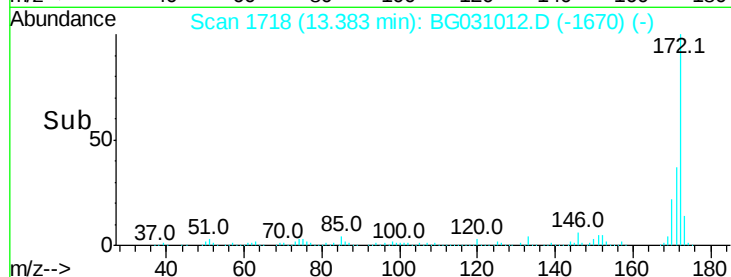
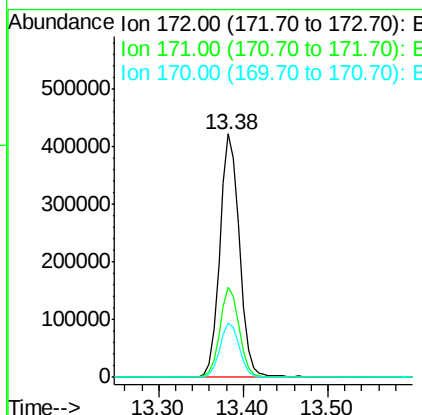
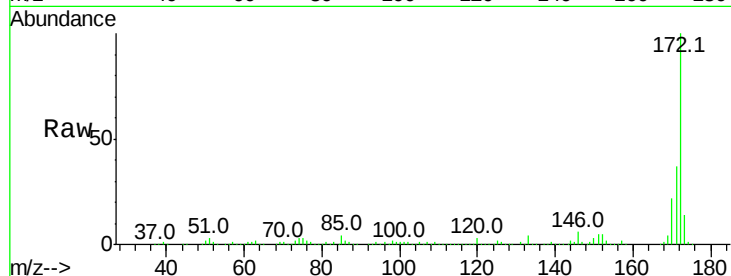




#44
 2-Fluorobiphenyl
 Concen: 294.187 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031012.D
 Acq: 15 Nov 2017 13:03

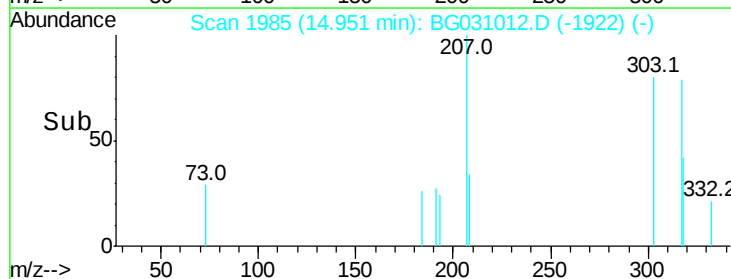
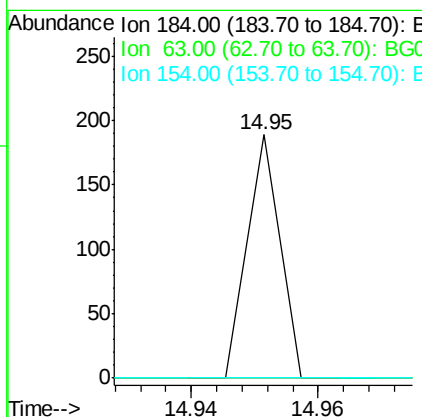
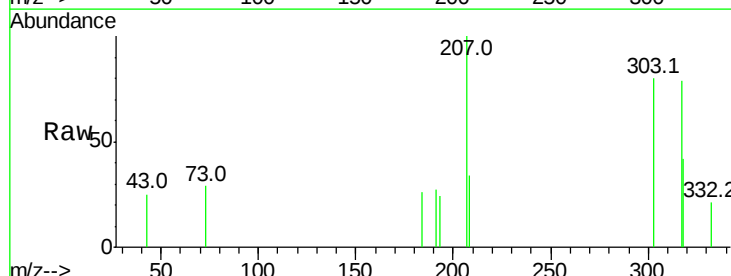
Instrument :
 BNA_G
 ClientSampleId :

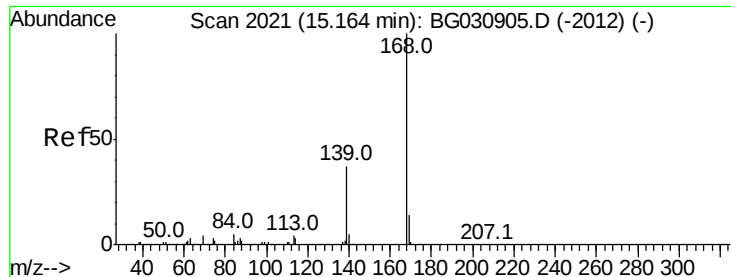
Tot Ion:172 Resp: 679814
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 22.4 19.5 29.3



#53
 2,4-Dinitrophenol
 Concen: 6.056 ng
 RT: 14.95 min Scan# 1985
 Delta R.T. 0.07 min
 Lab File: BG031012.D
 Acq: 15 Nov 2017 13:03

Tgt Ion:184 Resp: 67
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#

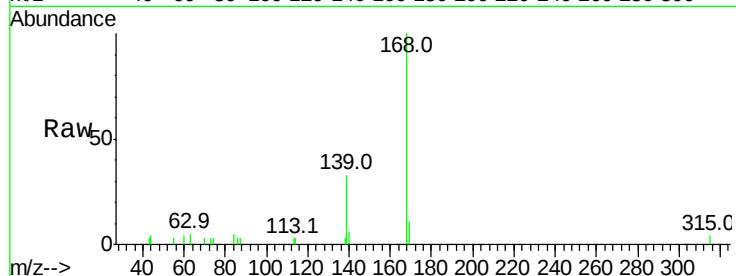




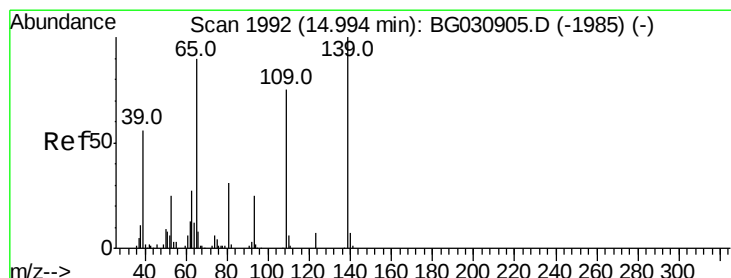
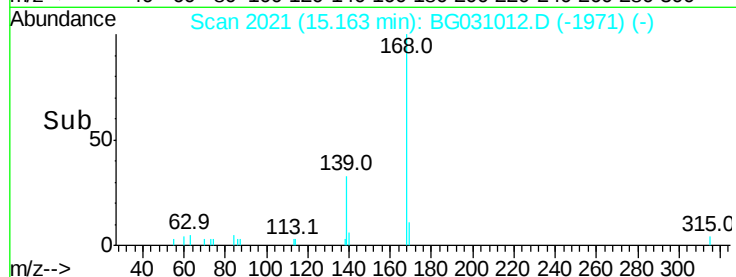
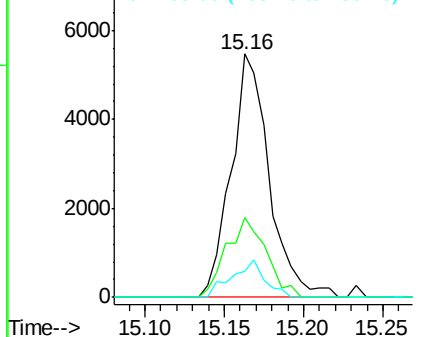
#54
Dibenzenofuran
Concen: 2.824 ng
RT: 15.16 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BG031012.D
Acq: 15 Nov 2017 13:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	32.8	28.6	43.0
169	10.8	11.2	16.8#

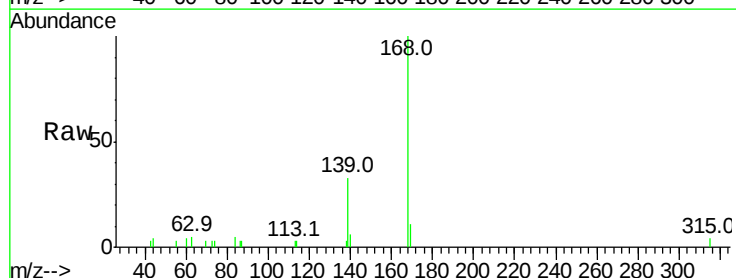


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

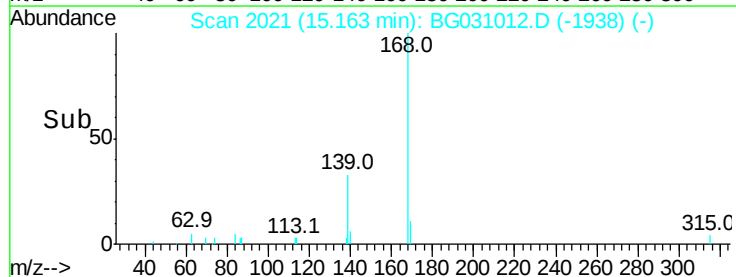
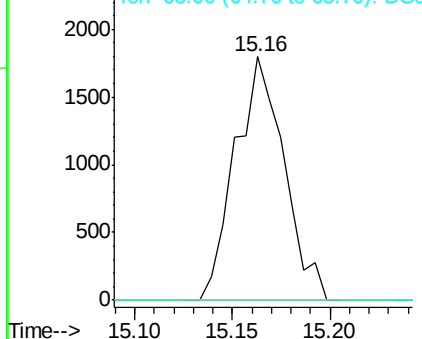


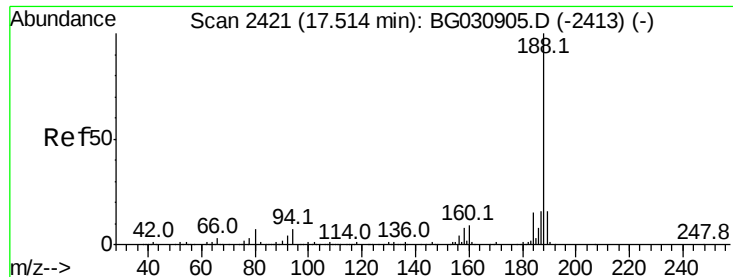
#55
4-Nitrophenol
Concen: 6.955 ng
RT: 15.16 min Scan# 2021
Delta R.T. 0.19 min
Lab File: BG031012.D
Acq: 15 Nov 2017 13:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGO





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG031012.D

Acq: 15 Nov 2017 13:03

Instrument :

BNA_G

ClientSampleId :

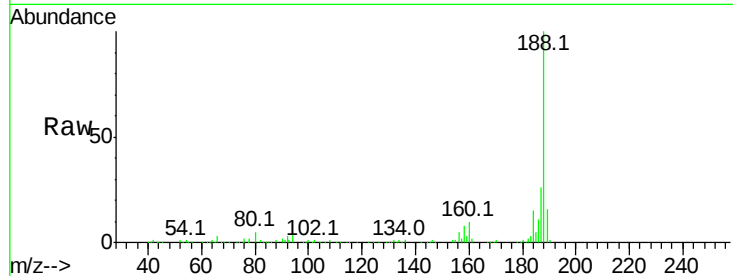
Tot Ion:188 Resp: 184994

Ion Ratio Lower Upper

188 100

94 4.3 6.9 10.3#

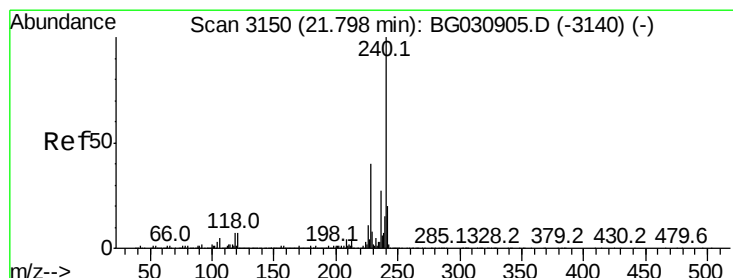
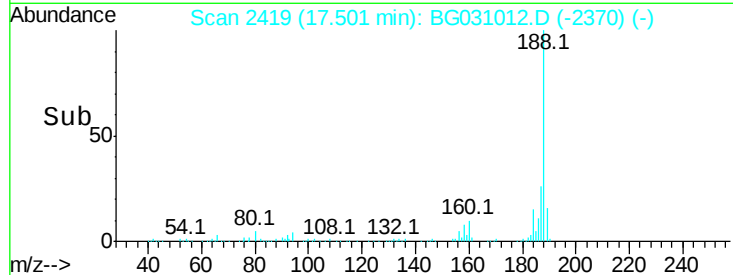
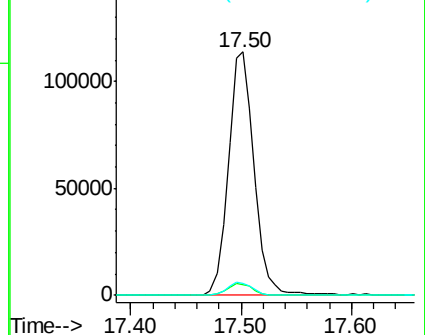
80 5.1 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG031012.D

Acq: 15 Nov 2017 13:03

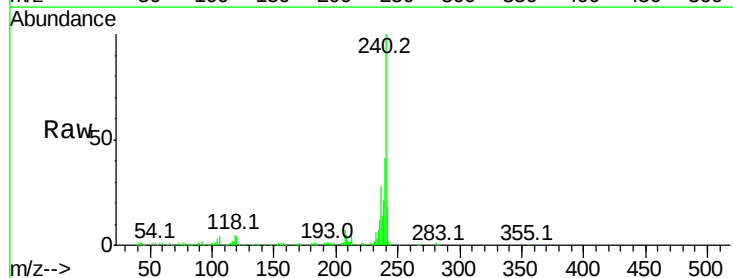
Tgt Ion:240 Resp: 142931

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

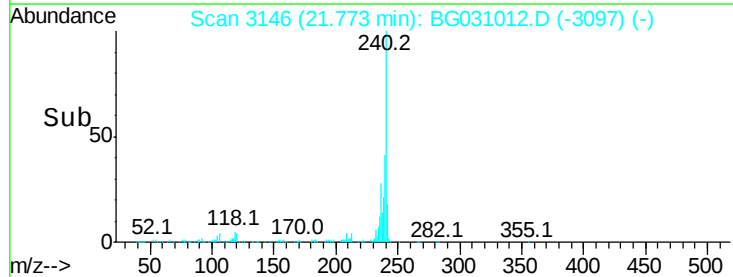
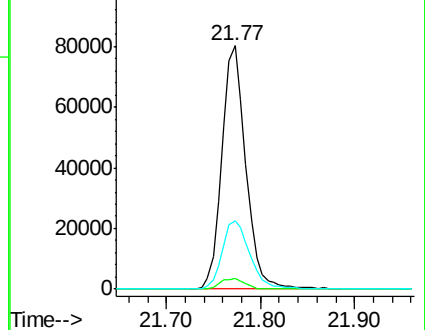
236 28.2 20.9 31.3

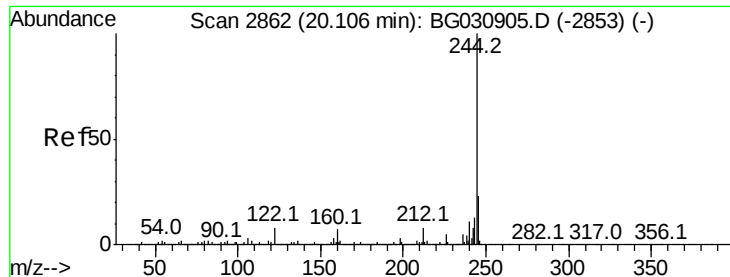


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



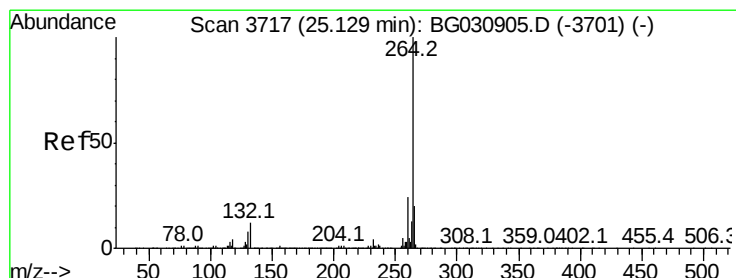
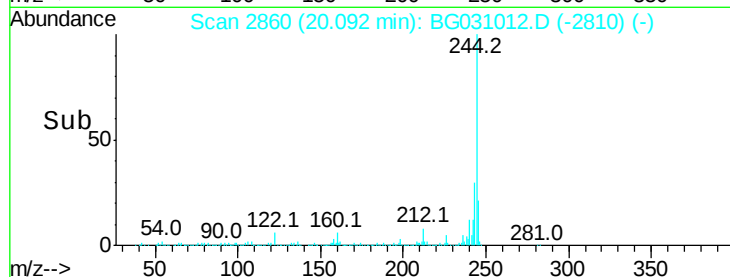
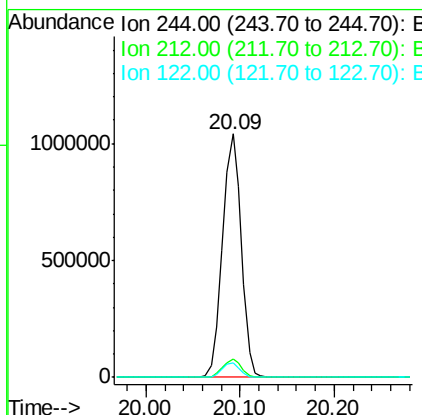
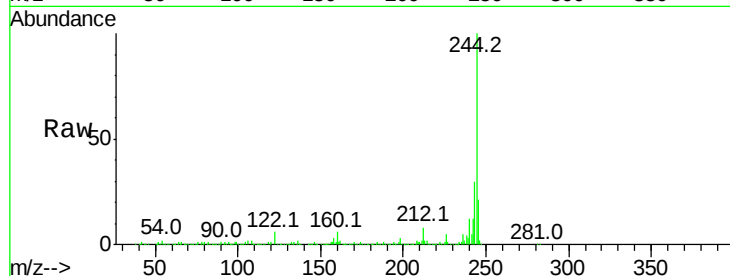


#78
 Terphenyl-d14
 Concen: 223.881 ng
 RT: 20.09 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG031012.D
 Acq: 15 Nov 2017 13:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1449198

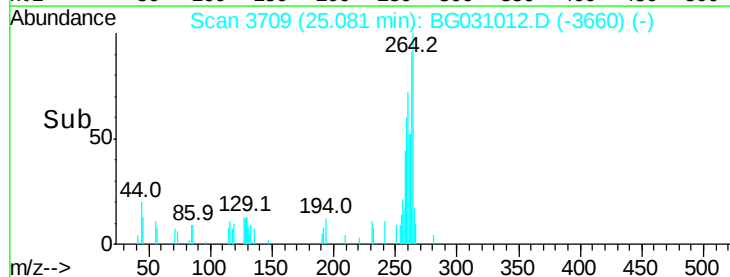
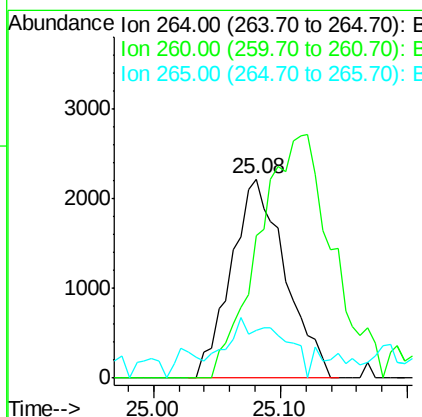
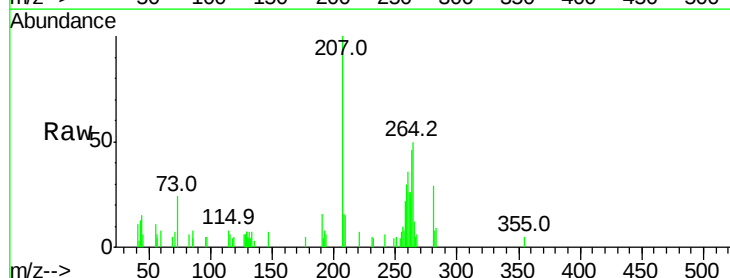
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	5.9	7.0	10.4

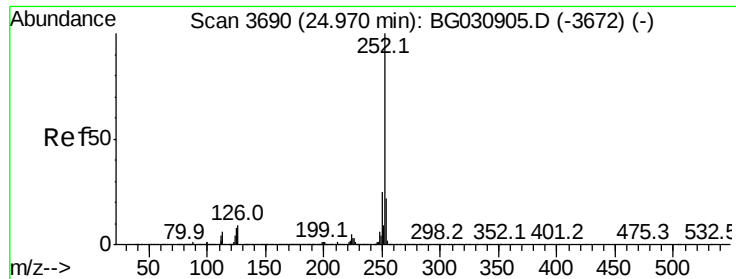


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.08 min Scan# 3709
 Delta R.T. -0.01 min
 Lab File: BG031012.D
 Acq: 15 Nov 2017 13:03

Tgt Ion:264 Resp: 6568

Ion	Ratio	Lower	Upper
264	100		
260	71.9	17.4	26.0
265	24.1	17.7	26.5





#89

Benzo(a)pyrene

Concen: 2.340 ng

RT: 25.12 min Scan# 3716

Delta R.T. 0.19 min

Lab File: BG031012.D

Acq: 15 Nov 2017 13:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 883

Ion Ratio Lower Upper

252 100

253 178.0 18.3 27.5#

125 69.1 7.3 10.9#

