

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111418\
 Data File : BG038012.D
 Acq On : 15 Nov 2018 00:53
 Operator : JU/SJ
 Sample : J5889-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-D

Quant Time: Nov 15 03:11:22 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

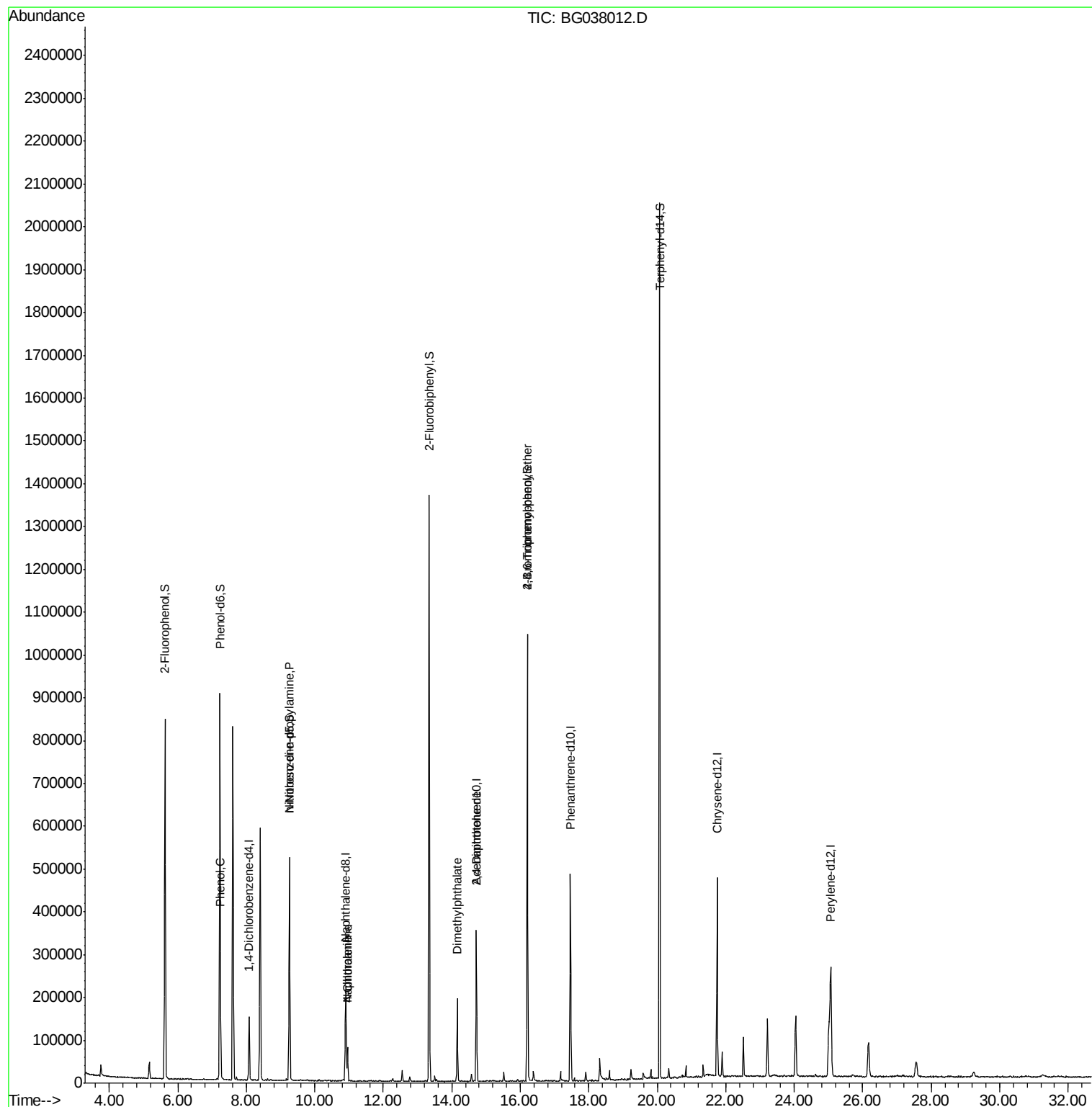
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	43758	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	194677	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	132621	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	303437	20.00	ng	0.00
76) Chrysene-d12	21.75	240	279059	20.00	ng	0.00
87) Perylene-d12	25.06	264	287653	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	383571	151.35	ng	0.00
7) Phenol-d6	7.23	99	547559	151.36	ng	0.00
23) Nitrobenzene-d5	9.26	82	326893	89.89	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	195944	129.55	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	750504	82.44	ng	0.00
79) Terphenyl-d14	20.07	244	1034901	87.26	ng	0.00
Target Compounds						
10) Phenol	7.25	94	27719	7.234	ng	94
19) n-Nitroso-di-n-propylamine	9.26	70	42210	16.125	ng	# 69
31) Naphthalene	10.96	128	68829	7.188	ng	98
33) 4-Chloroaniline	10.96	127	9119	2.047	ng	# 38
50) Dimethylphthalate	14.16	163	135398	12.878	ng	98
57) 2,4-Dinitrotoluene	14.72	165	17253	5.329	ng	# 27
67) 4-Bromophenyl-phenylether	16.20	248	14613	4.388	ng	# 1

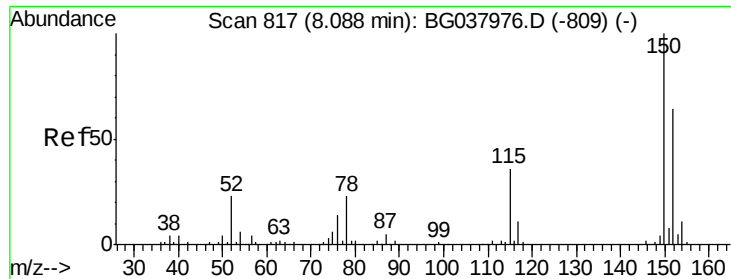
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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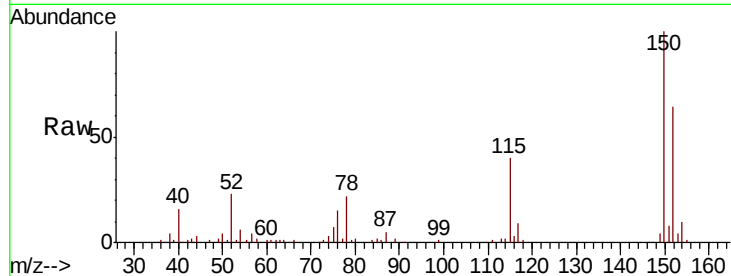


#1

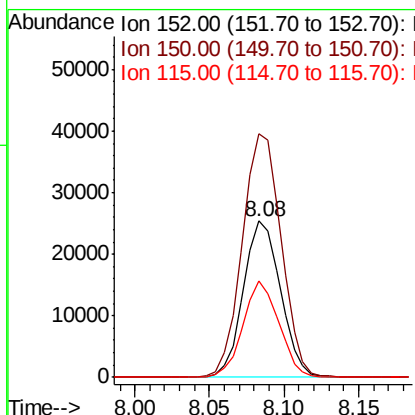
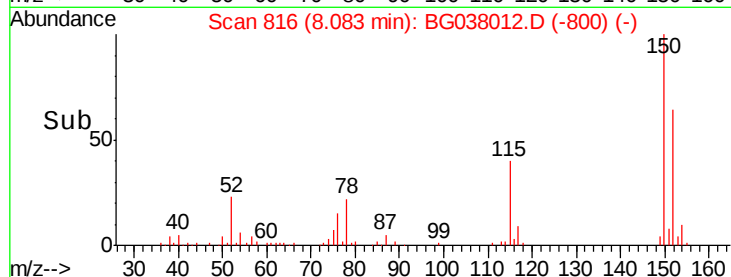
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038012.D
Acq: 15 Nov 2018 00:53

Instrument :
BNA_G
ClientSampled :
BOTTOM-D

Tgt Ion:152 Resp: 43758
Ion Ratio Lower Upper
152 100
150 155.8 126.0 189.0
115 62.1 45.5 68.3



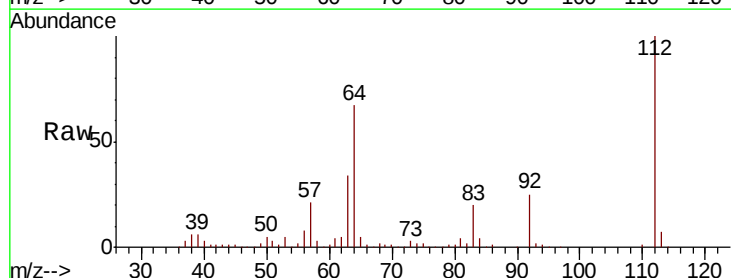
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



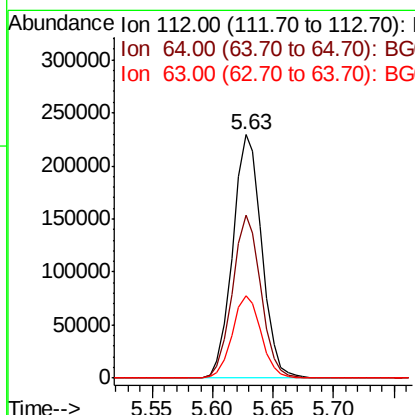
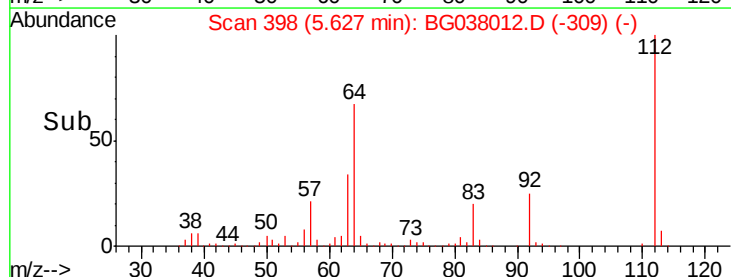
#5

2-Fluorophenol
Concen: 151.346 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038012.D
Acq: 15 Nov 2018 00:53

Tgt Ion:112 Resp: 383571
Ion Ratio Lower Upper
112 100
64 66.8 53.1 79.7
63 34.0 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 151.356 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038012.D

Acq: 15 Nov 2018 00:53

Instrument :

BNA_G

ClientSampleId :

BOTTOM-D

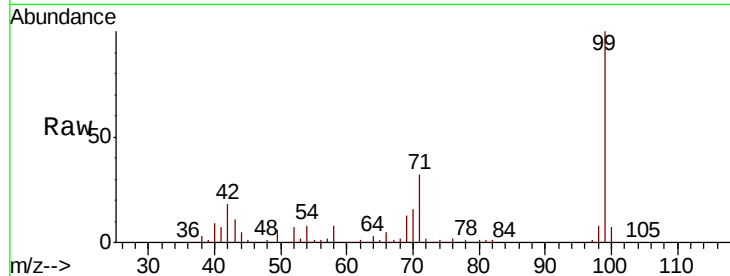
Tgt Ion: 99 Resp: 547559

Ion Ratio Lower Upper

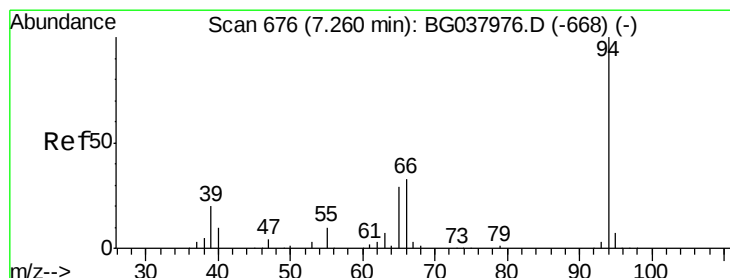
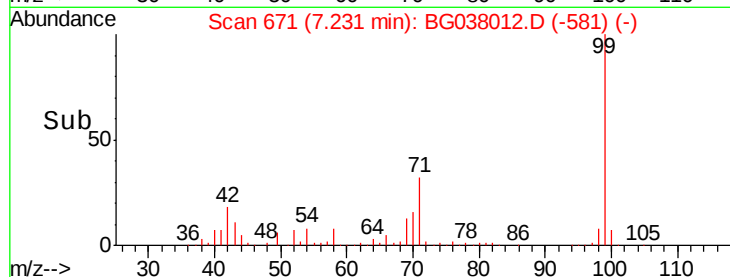
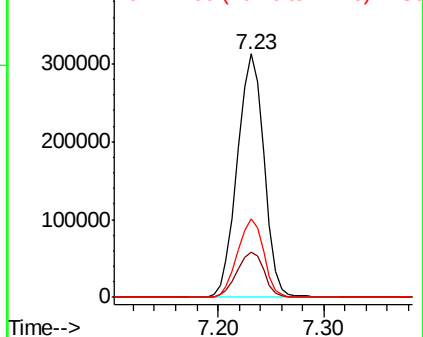
99 100

42 18.4 15.0 22.4

71 32.1 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



#10

Phenol

Concen: 7.234 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038012.D

Acq: 15 Nov 2018 00:53

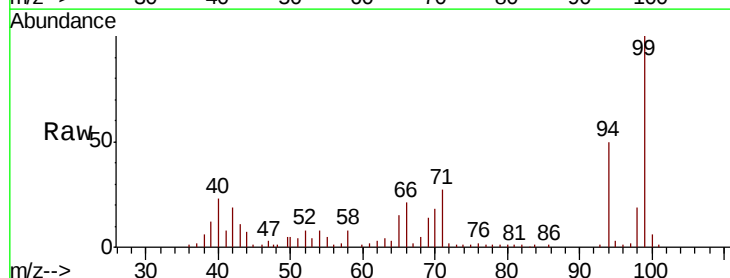
Tgt Ion: 94 Resp: 27719

Ion Ratio Lower Upper

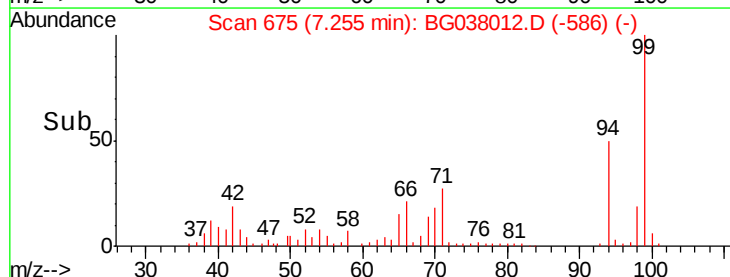
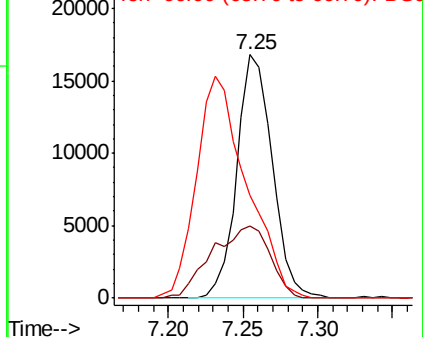
94 100

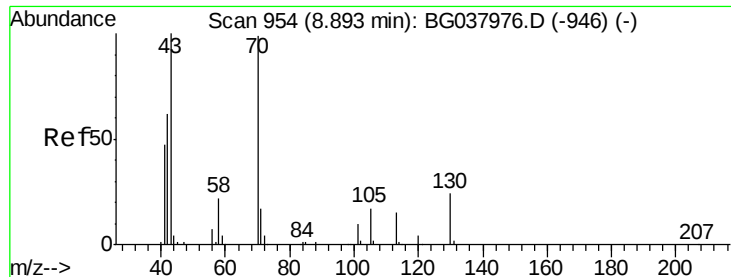
65 29.7 9.7 49.7

66 42.3 15.9 55.9



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





#19

n-Nitroso-di-n-propylamine

Concen: 16.125 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.36 min

Lab File: BG038012.D

Acq: 15 Nov 2018 00:53

Instrument :

BNA_G

ClientSampleId :

BOTTOM-D

Tgt Ion: 70 Resp: 42210

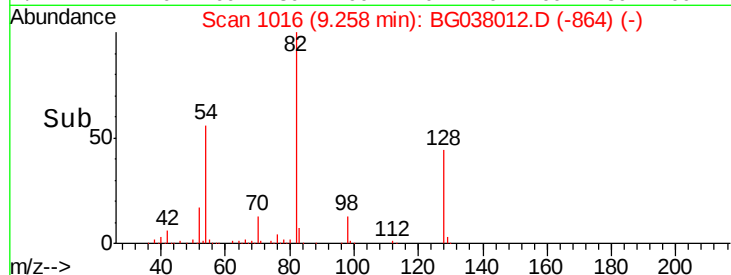
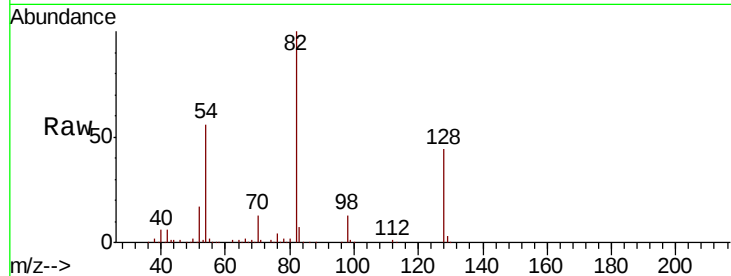
Ion Ratio Lower Upper

70 100

42 44.9 53.9 80.9#

101 0.0 8.2 12.2#

130 2.4 18.2 27.4#

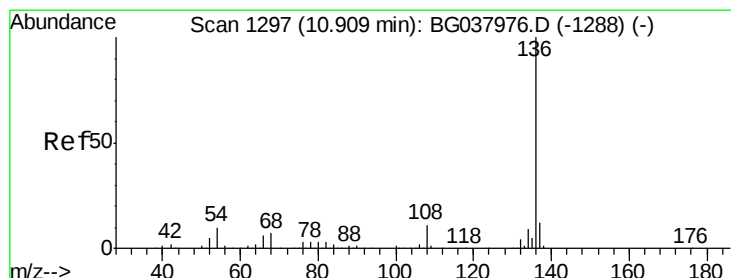
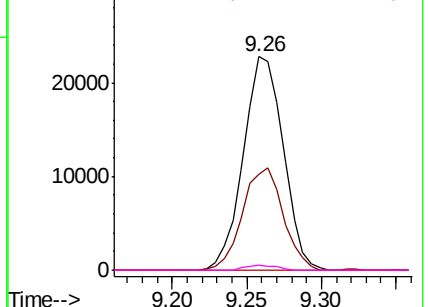


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038012.D

Acq: 15 Nov 2018 00:53

Tgt Ion: 136 Resp: 194677

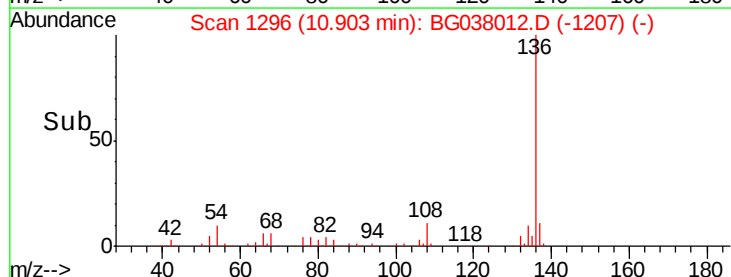
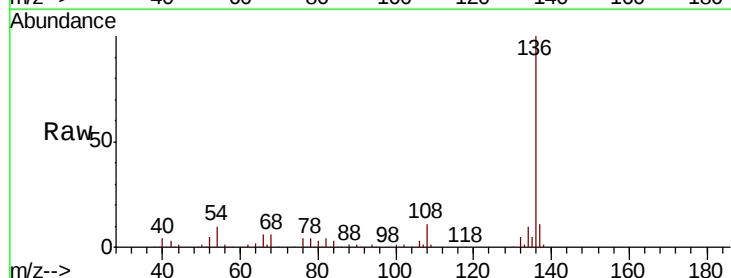
Ion Ratio Lower Upper

136 100

137 11.2 9.6 14.4

54 10.2 7.9 11.9

68 6.2 4.8 7.2

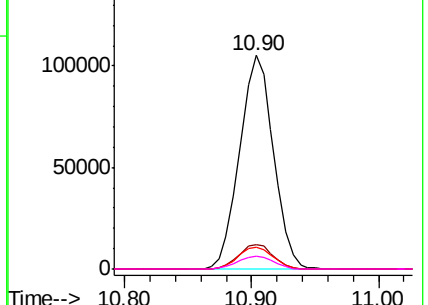


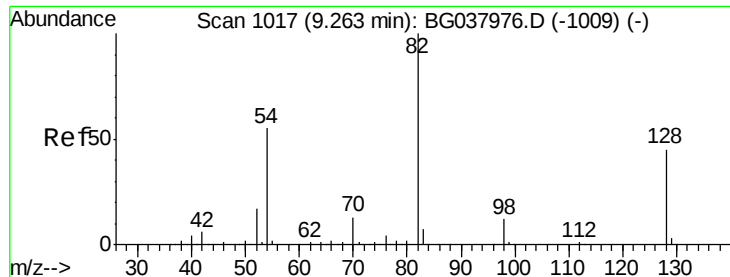
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

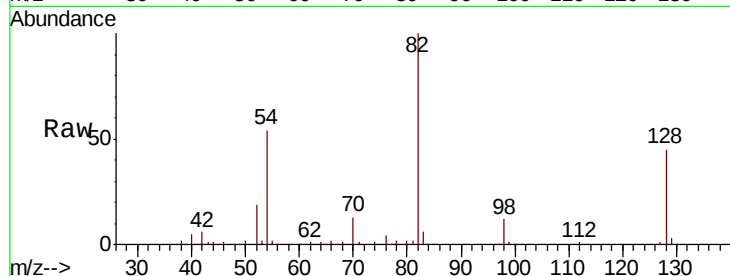




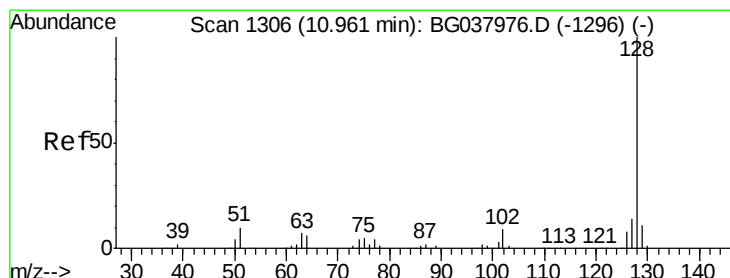
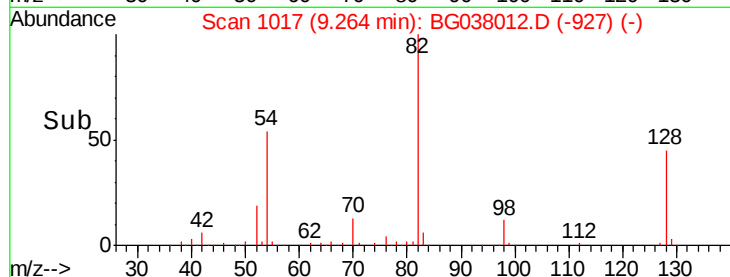
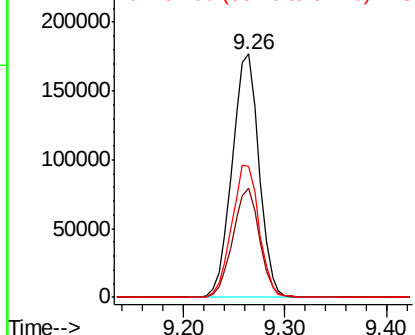
#23
 Nitrobenzene-d5
 Concen: 89.886 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG038012.D
 Acq: 15 Nov 2018 00:53

Instrument :
 BNA_G
 ClientSampleID :
 BOTTOM-D

Tgt Ion: 82 Resp: 326893
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.6 51.8
 54 53.6 45.3 67.9

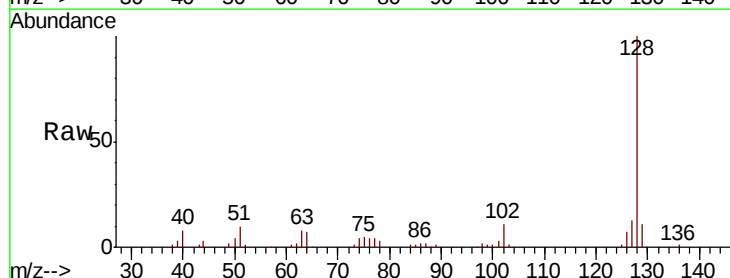


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

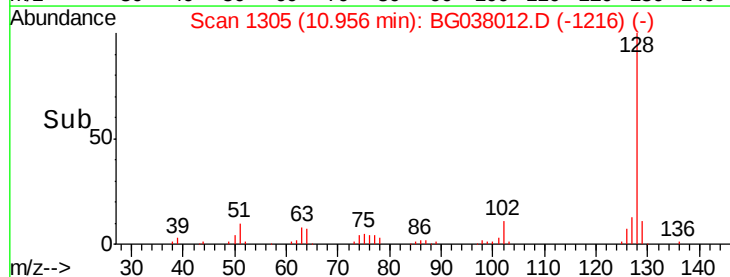
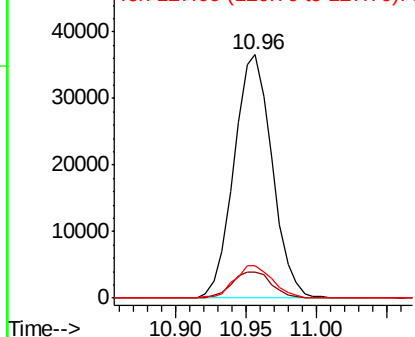


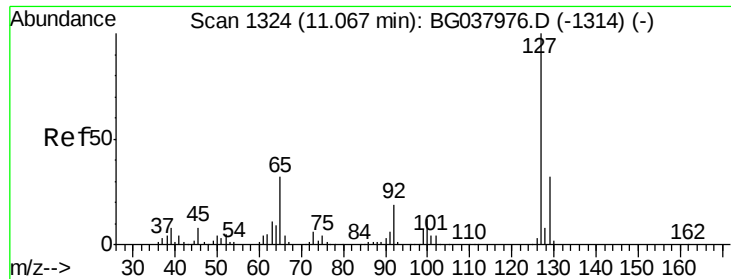
#31
 Naphthalene
 Concen: 7.188 ng
 RT: 10.96 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BG038012.D
 Acq: 15 Nov 2018 00:53

Tgt Ion: 128 Resp: 68829
 Ion Ratio Lower Upper
 128 100
 129 10.8 9.0 13.6
 127 13.2 11.1 16.7



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

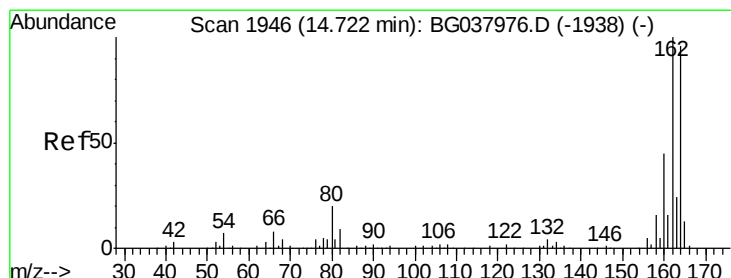
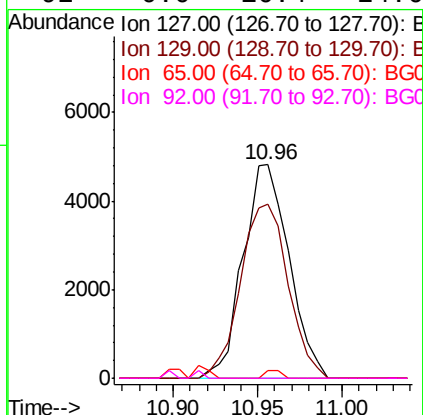
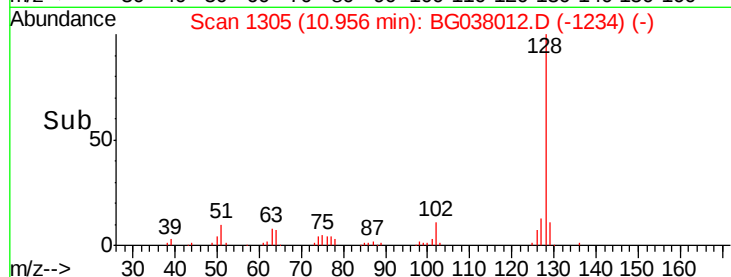
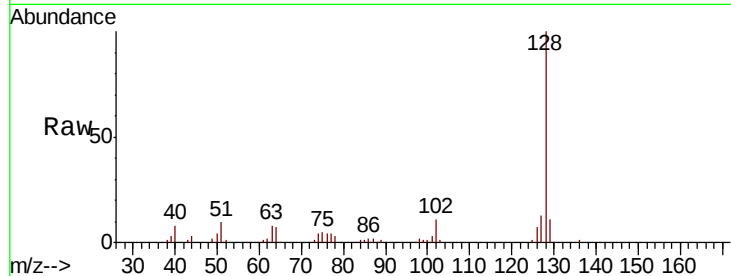




#33
4-Chloroaniline
Concen: 2.047 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.11 min
Lab File: BG038012.D
Acq: 15 Nov 2018 00:53

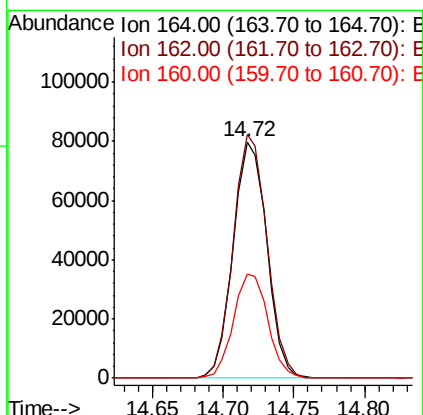
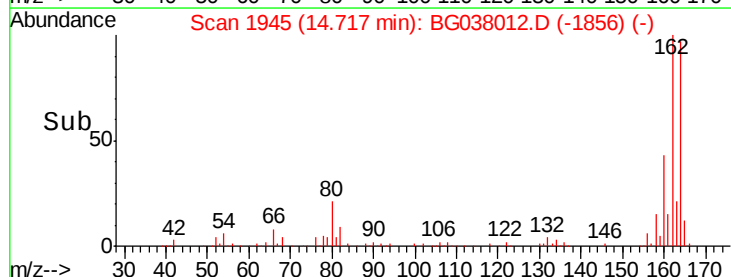
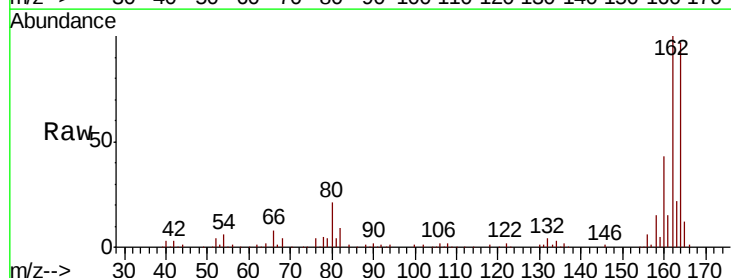
Instrument :
BNA_G
ClientSampleId :
BOTTOM-D

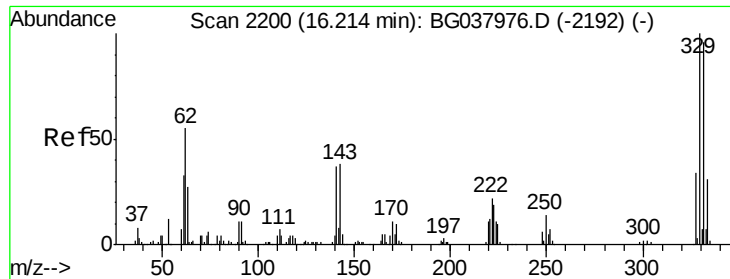
Tgt Ion:	127	Resp:	9119
Ion	Ratio	Lower	Upper
127	100		
129	81.8	27.1	40.7#
65	3.7	26.6	39.8#
92	0.0	16.4	24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG038012.D
Acq: 15 Nov 2018 00:53

Tgt Ion:	164	Resp:	132621
Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.3	121.9
160	44.2	36.3	54.5

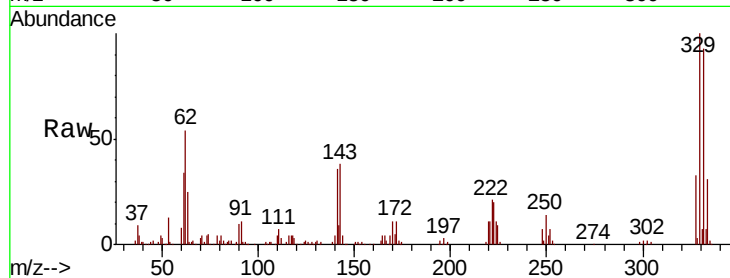




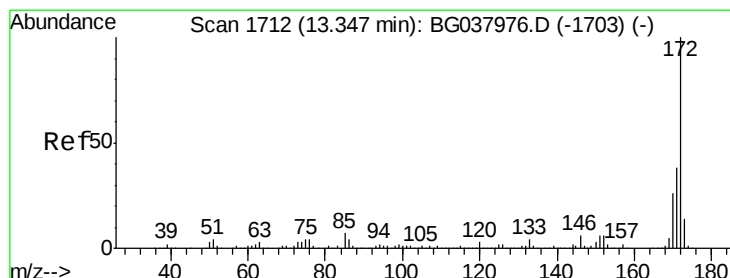
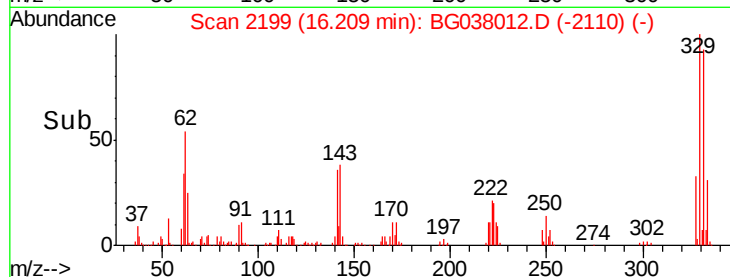
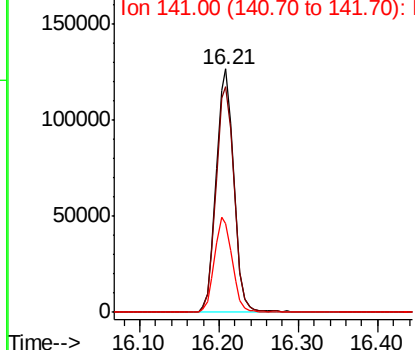
#42
 2,4,6-Tribromophenol
 Concen: 129.549 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038012.D
 Acq: 15 Nov 2018 00:53

Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-D

Tgt Ion:330 Resp: 195944
 Ion Ratio Lower Upper
 330 100
 332 94.5 78.4 117.6
 141 38.9 32.2 48.2

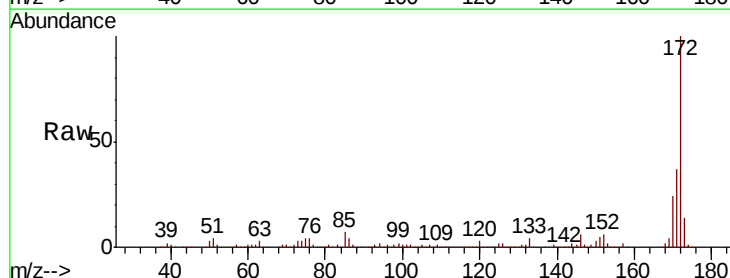


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

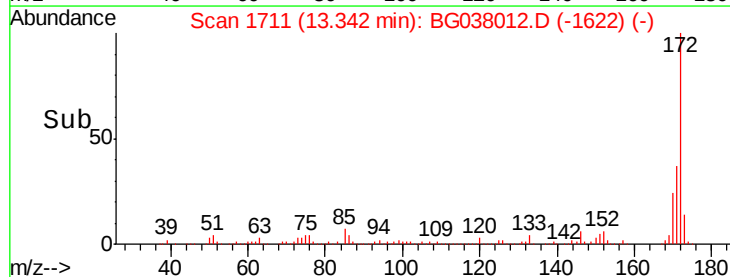
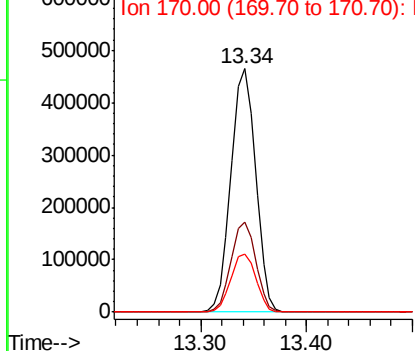


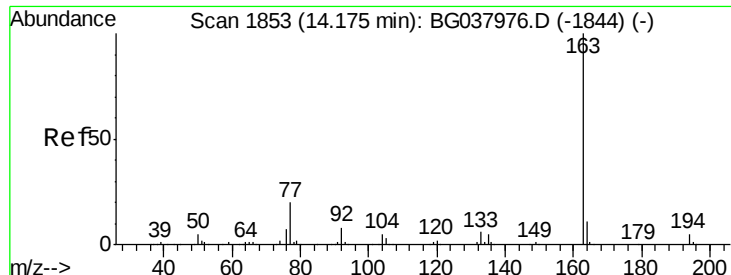
#45
 2-Fluorobiphenyl
 Concen: 82.443 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038012.D
 Acq: 15 Nov 2018 00:53

Tgt Ion:172 Resp: 750504
 Ion Ratio Lower Upper
 172 100
 171 37.2 31.0 46.4
 170 24.0 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

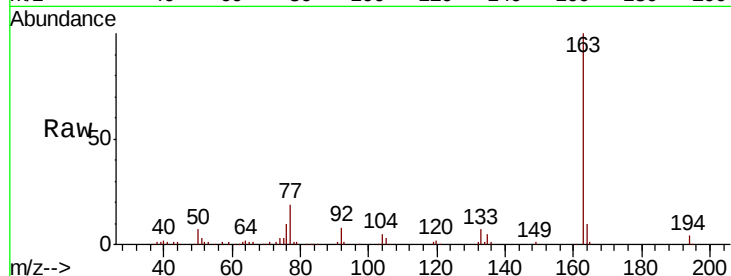




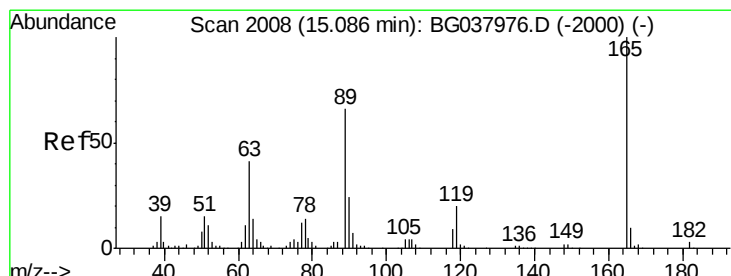
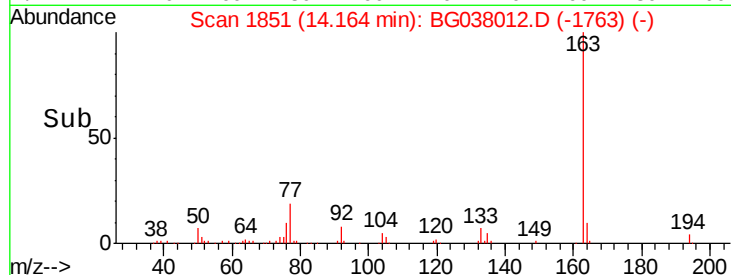
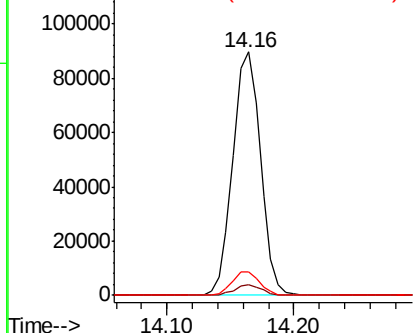
#50
Dimethylphthalate
Concen: 12.878 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG038012.D
Acq: 15 Nov 2018 00:53

Instrument :
BNA_G
ClientSampleId :
BOTTOM-D

Tgt Ion:163 Resp: 135398
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 9.7 8.5 12.7

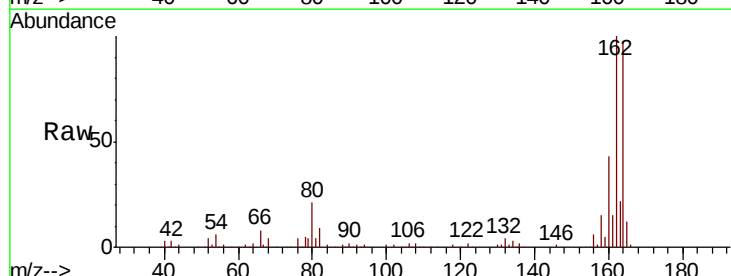


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

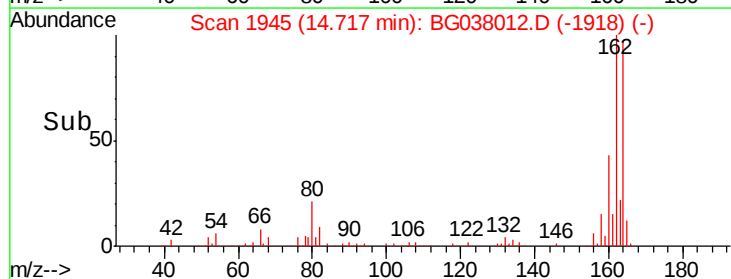
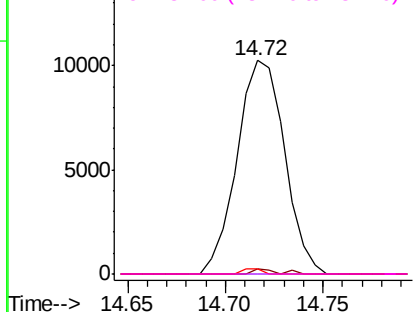


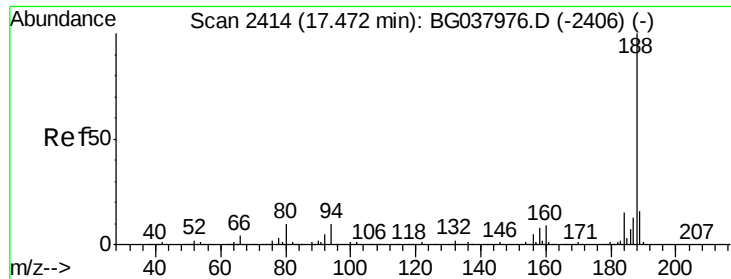
#57
2,4-Dinitrotoluene
Concen: 5.329 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.37 min
Lab File: BG038012.D
Acq: 15 Nov 2018 00:53

Tgt Ion:165 Resp: 17253
Ion Ratio Lower Upper
165 100
63 2.5 33.4 50.0#
89 2.7 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

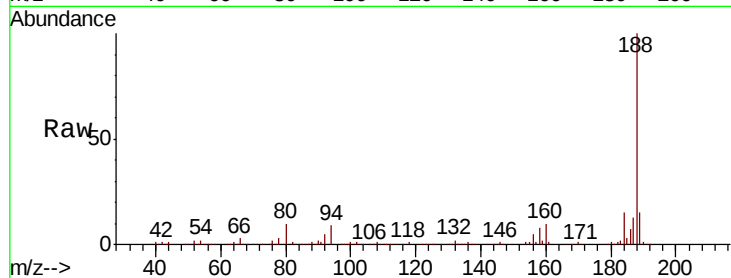




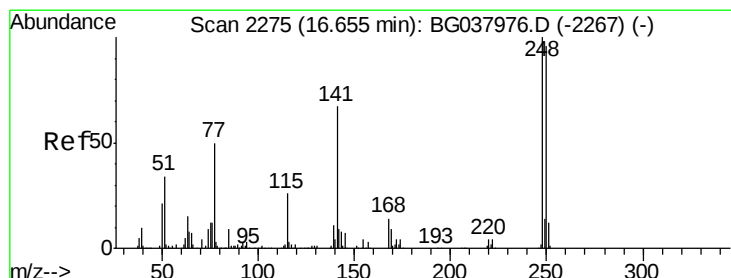
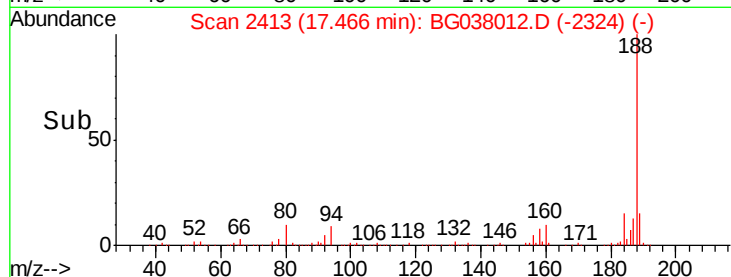
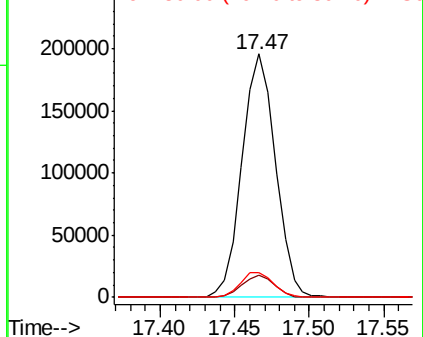
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038012.D
Acq: 15 Nov 2018 00:53

Instrument :
BNA_G
ClientSampleId :
BOTTOM-D

Tgt Ion:188 Resp: 303437
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.1 7.7 11.5

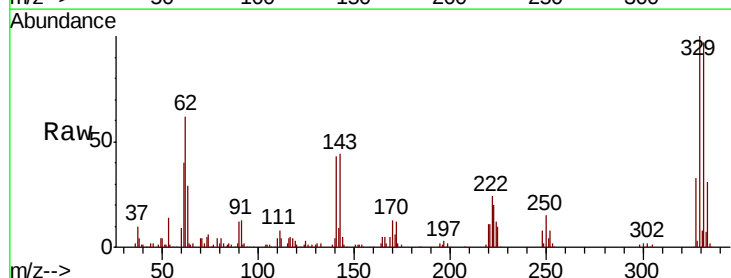


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

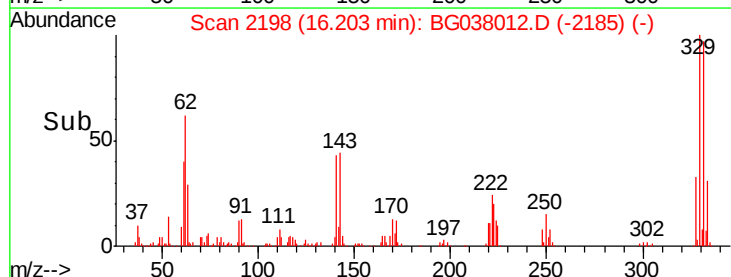
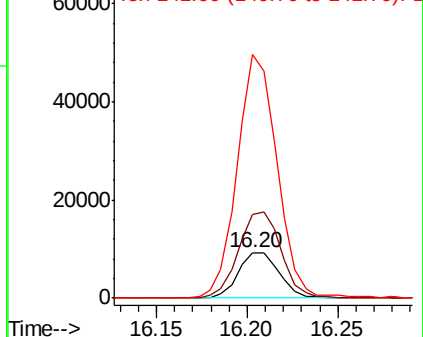


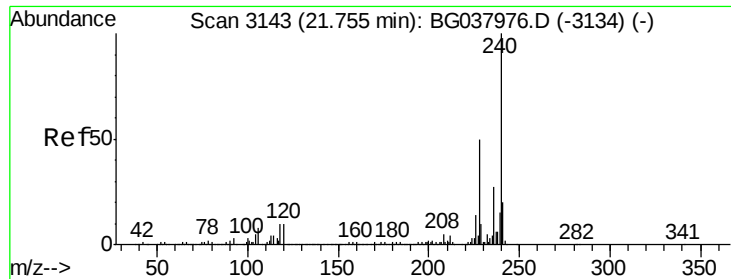
#67
4-Bromophenyl-phenylether
Concen: 4.388 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.45 min
Lab File: BG038012.D
Acq: 15 Nov 2018 00:53

Tgt Ion:248 Resp: 14613
Ion Ratio Lower Upper
248 100
250 188.3 77.0 115.6#
141 425.8 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

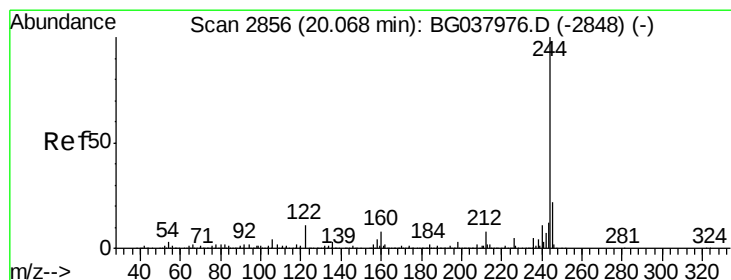
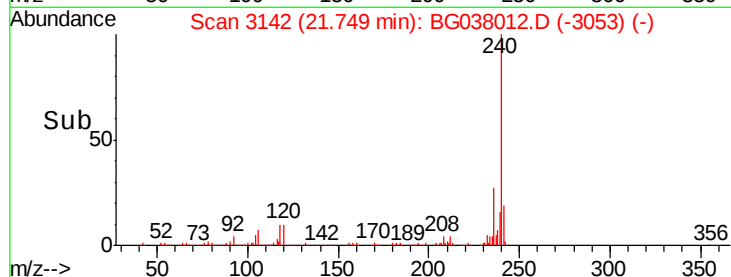
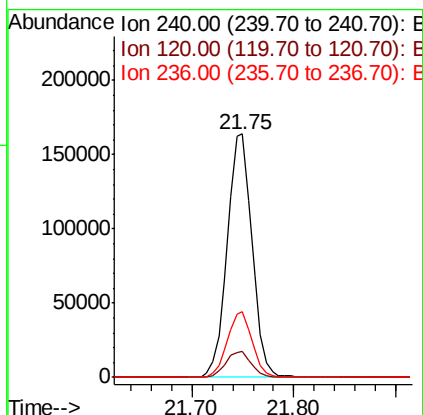
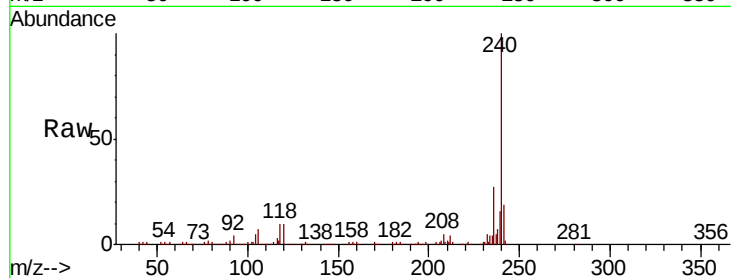




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038012.D
Acq: 15 Nov 2018 00:53

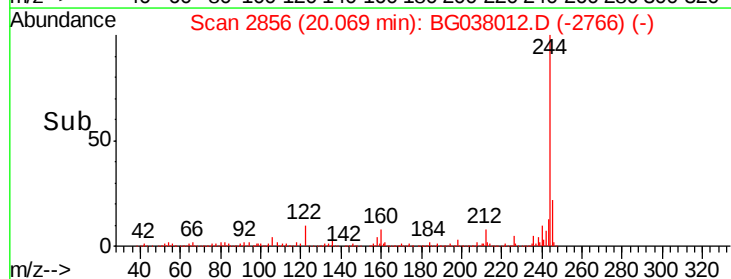
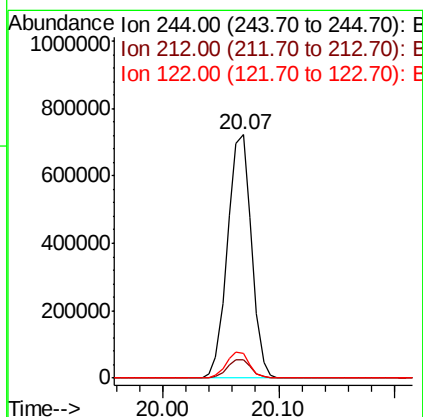
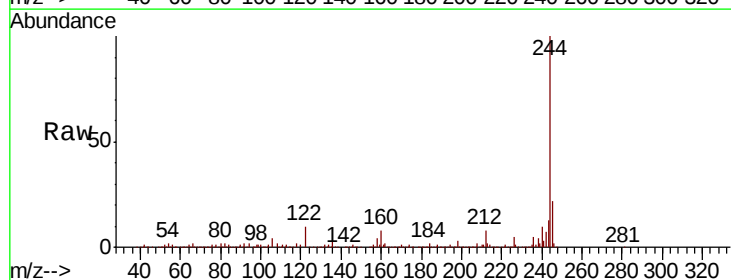
Instrument :
BNA_G
ClientSampleId :
BOTTOM-D

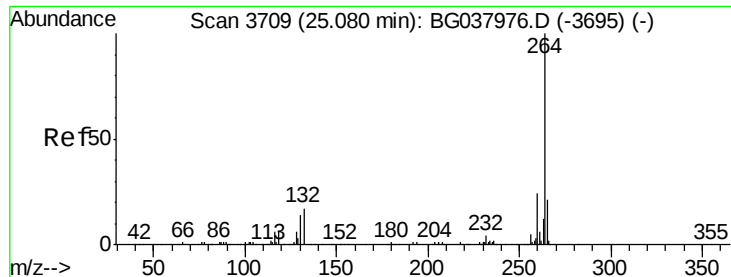
Tgt Ion:240 Resp: 279059
Ion Ratio Lower Upper
240 100
120 10.4 8.1 12.1
236 26.8 21.4 32.0



#79
Terphenyl-d14
Concen: 87.262 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038012.D
Acq: 15 Nov 2018 00:53

Tgt Ion:244 Resp: 1034901
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 10.1 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.02 min
Lab File: BG038012.D
Acq: 15 Nov 2018 00:53

Instrument :
BNA_G
ClientSampleId :
BOTTOM-D

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	21.6	17.9	26.9

