

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038108.D
 Acq On : 21 Nov 2018 7:14
 Operator : JU/SJ
 Sample : J6006-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 21 10:37:06 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

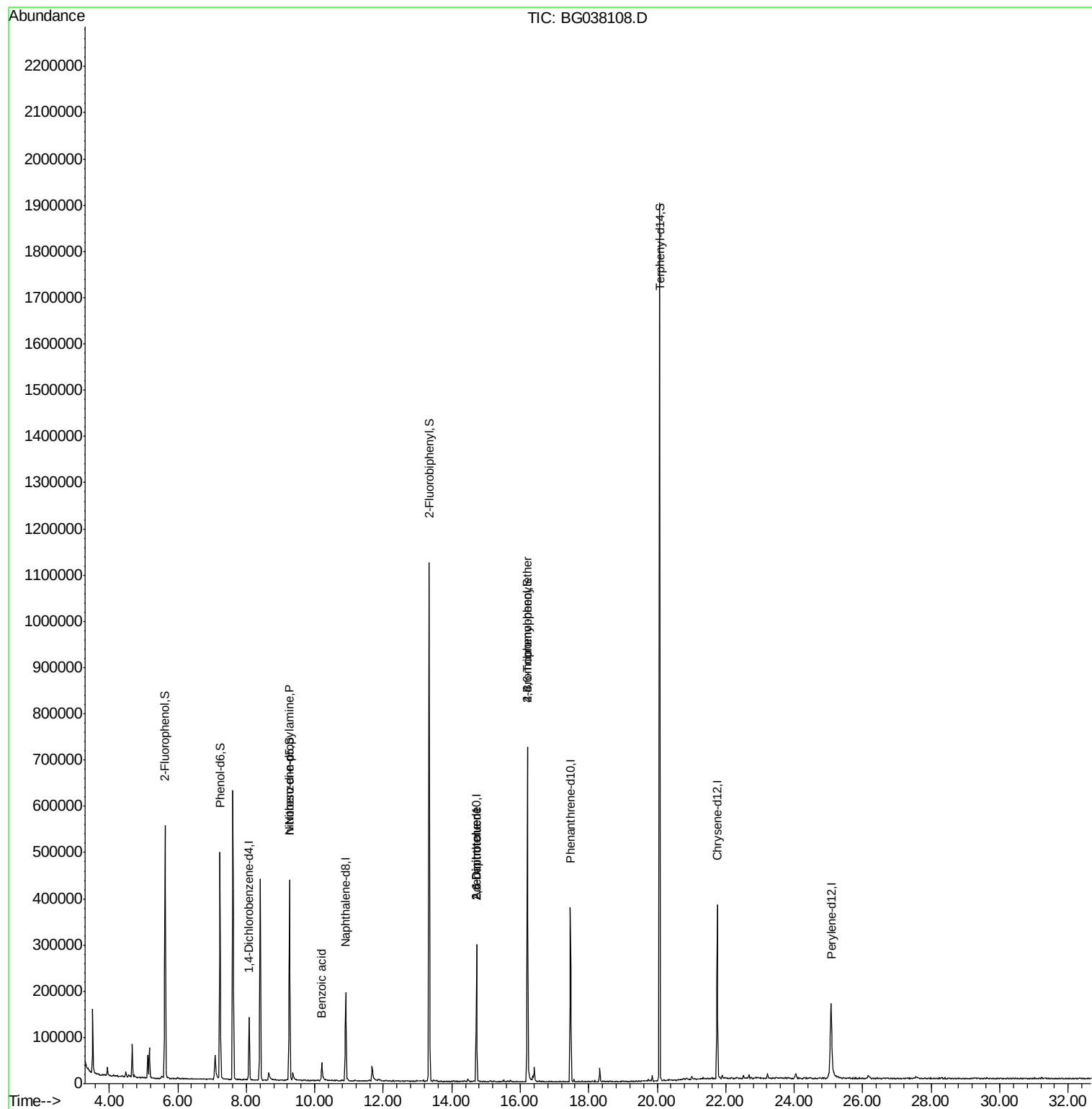
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	38373	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	168199	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	107565	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	245189	20.00	ng	0.00
76) Chrysene-d12	21.75	240	234757	20.00	ng	0.00
87) Perylene-d12	25.07	264	223256	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	252113	113.44	ng	0.00
7) Phenol-d6	7.23	99	311743	98.26	ng	0.00
23) Nitrobenzene-d5	9.26	82	268683	85.51	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	133998	109.23	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	588859	79.75	ng	0.00
79) Terphenyl-d14	20.07	244	916654	91.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	34152	14.877	ng	# 71
32) Benzoic acid	10.20	122	1217	12.914	ng	# 82
51) 2,6-Dinitrotoluene	14.72	165	14044	7.277	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	14044	5.348	ng	# 24
67) 4-Bromophenyl-phenylether	16.21	248	10294	3.825	ng	# 1

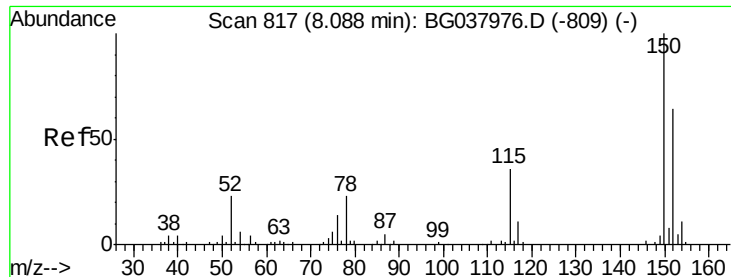
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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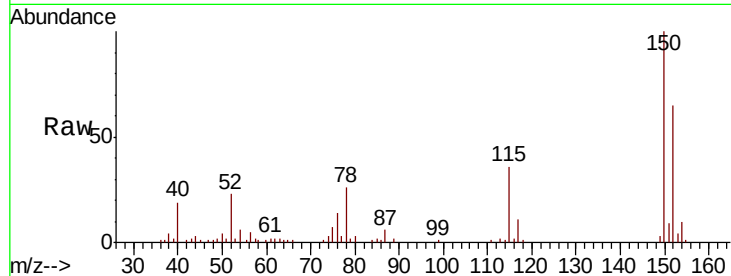


#1

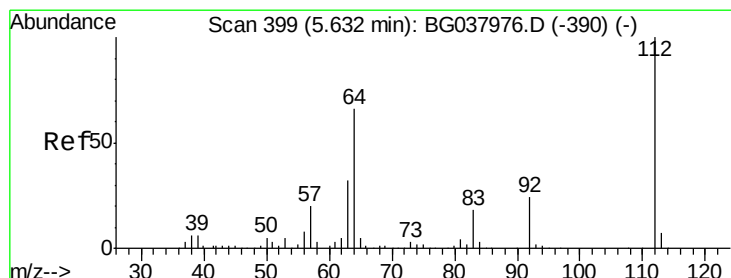
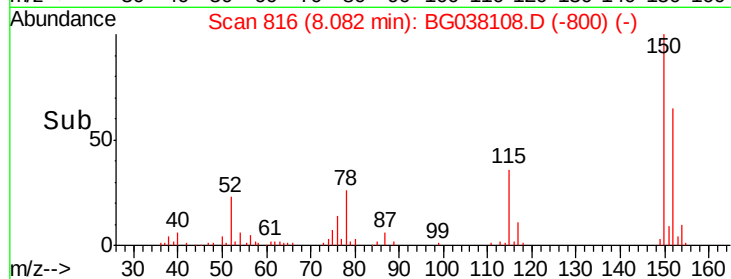
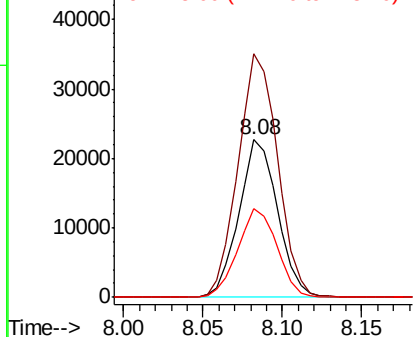
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038108.D
Acq: 21 Nov 2018 7:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 38373
Ion Ratio Lower Upper
152 100
150 154.5 126.0 189.0
115 56.2 45.5 68.3



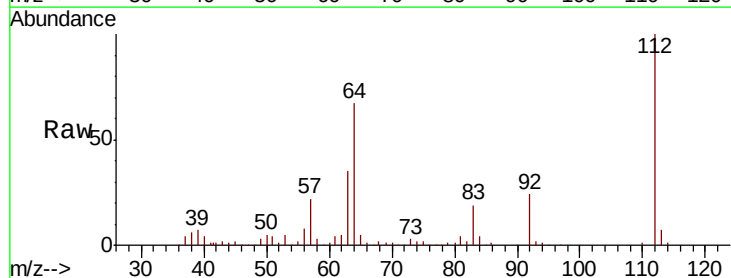
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



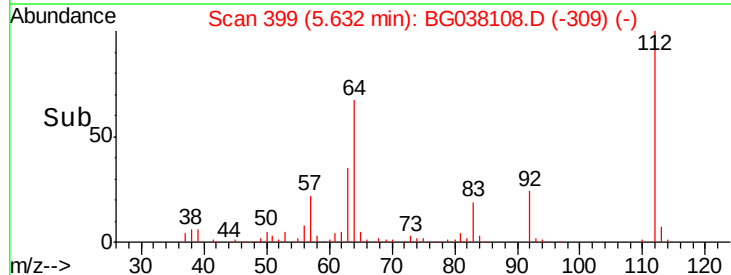
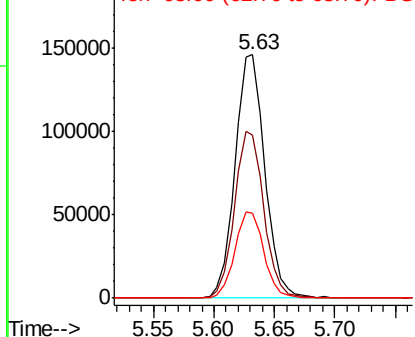
#5

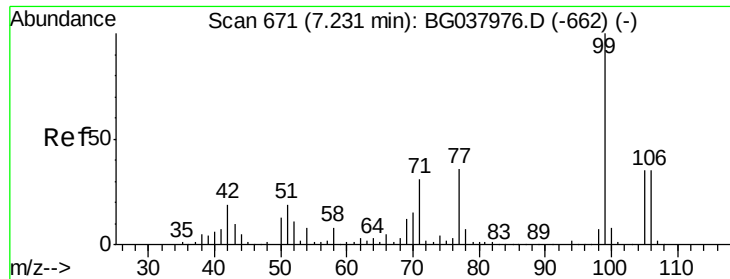
2-Fluorophenol
Concen: 113.436 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038108.D
Acq: 21 Nov 2018 7:14

Tgt Ion:112 Resp: 252113
Ion Ratio Lower Upper
112 100
64 66.8 53.1 79.7
63 34.8 27.3 40.9



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: 98.264 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038108.D

Acq: 21 Nov 2018 7:14

Instrument :

BNA_G

ClientSampled :

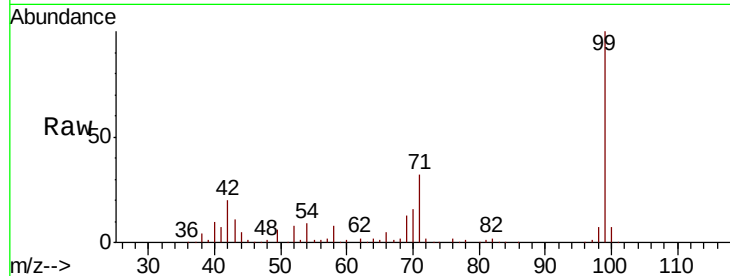
Tot Ion: 99 Resp: 311743

Ion Ratio Lower Upper

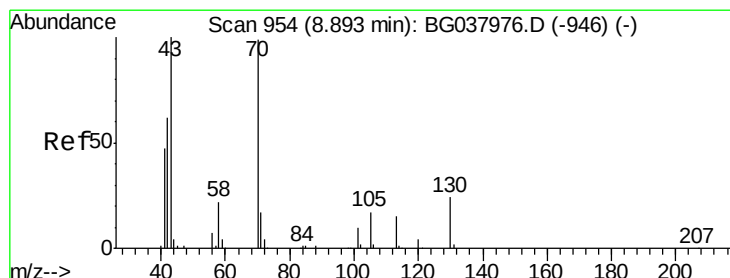
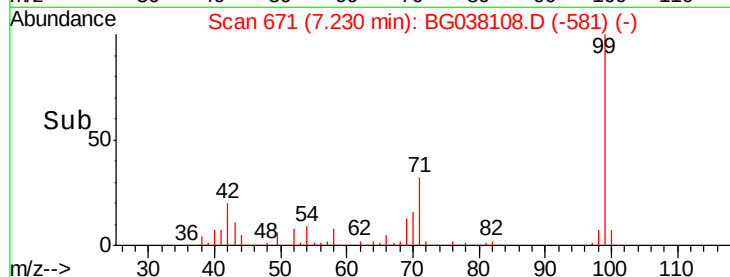
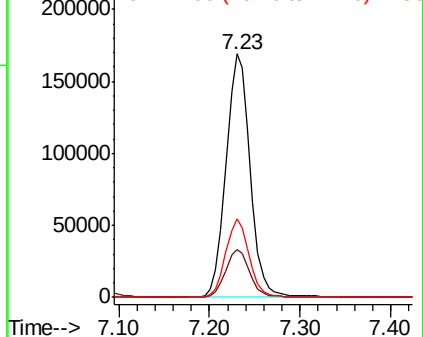
99 100

42 19.8 15.0 22.4

71 32.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.877 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038108.D

Acq: 21 Nov 2018 7:14

Tgt Ion: 70 Resp: 34152

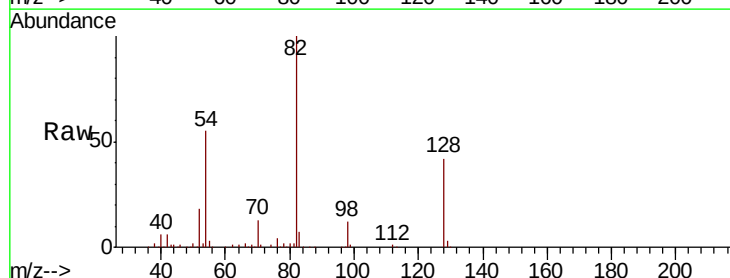
Ion Ratio Lower Upper

70 100

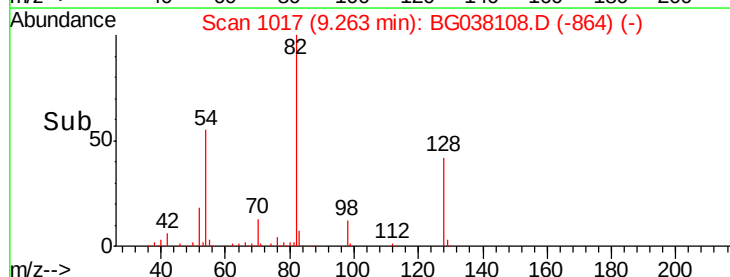
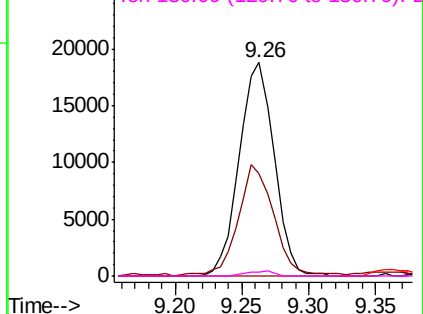
42 48.1 53.9 80.9#

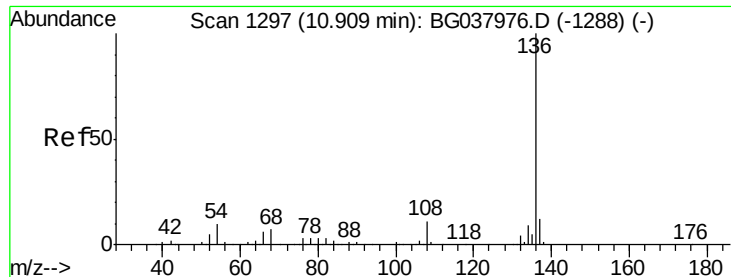
101 0.0 8.2 12.2#

130 1.9 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

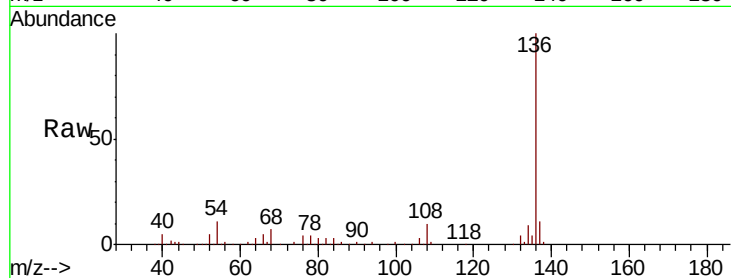




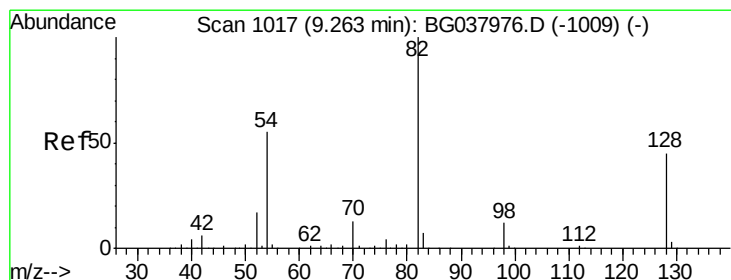
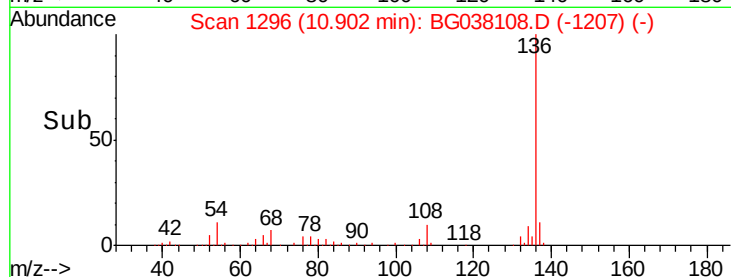
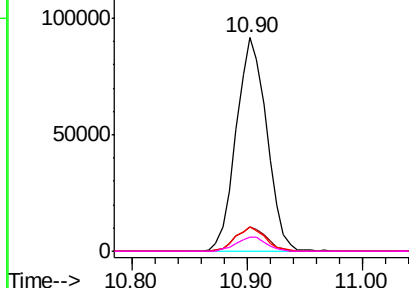
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038108.D
Acq: 21 Nov 2018 7:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	168199
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.6 14.4
54	11.2	7.9 11.9
68	6.8	4.8 7.2

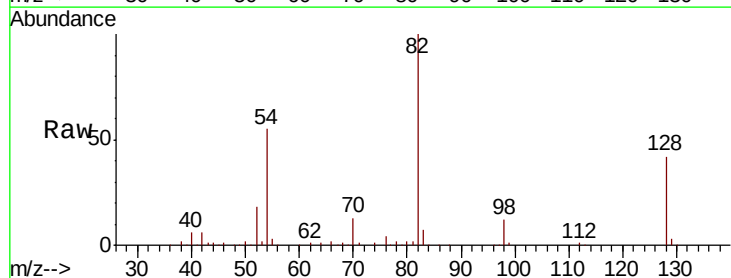


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

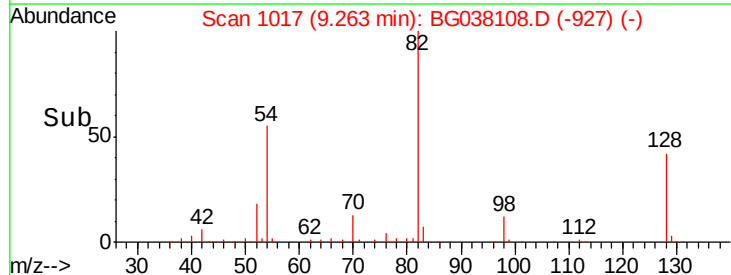
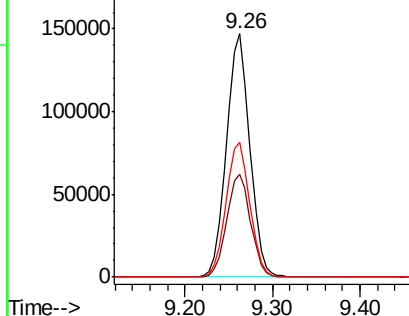


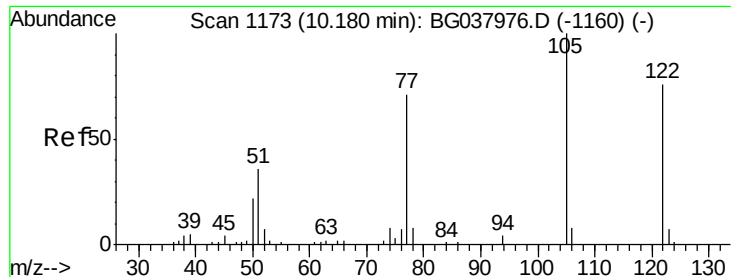
#23
Nitrobenzene-d5
Concen: 85.510 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038108.D
Acq: 21 Nov 2018 7:14

Tgt Ion: 82	Resp:	268683
Ion Ratio	Lower	Upper
82	100	
128	42.5	34.6 51.8
54	55.2	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

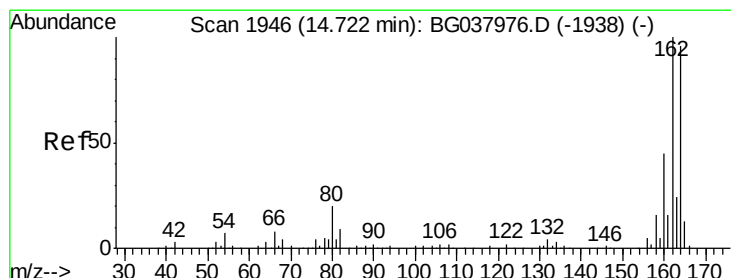
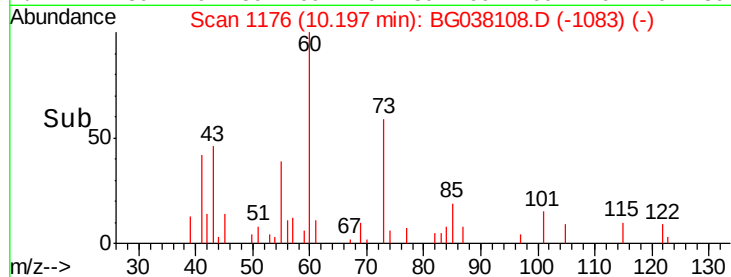
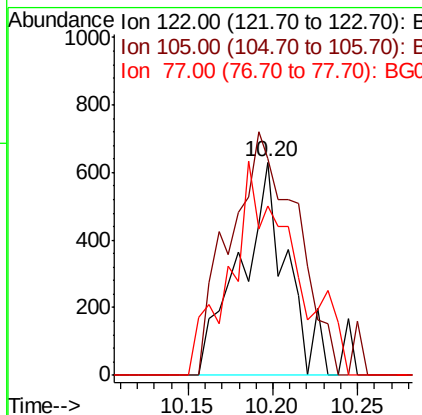
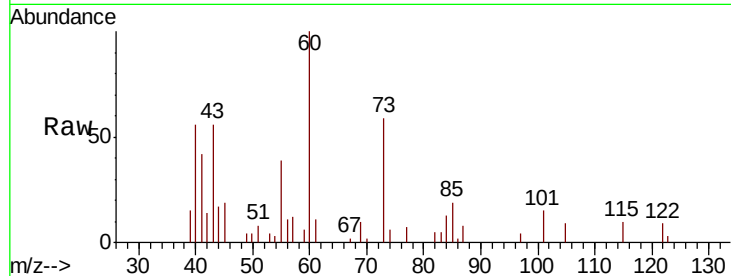




#32
Benzoic acid
Concen: 12.914 ng
RT: 10.20 min Scan# 1176
Delta R.T. 0.02 min
Lab File: BG038108.D
Acq: 21 Nov 2018 7:14

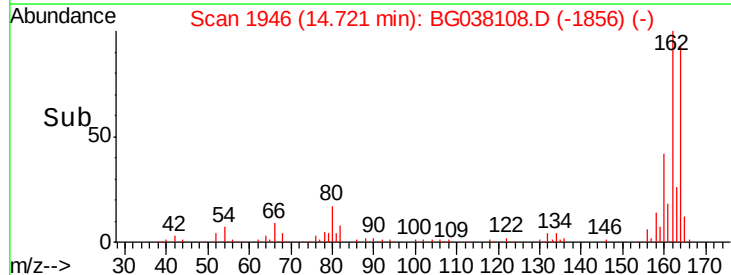
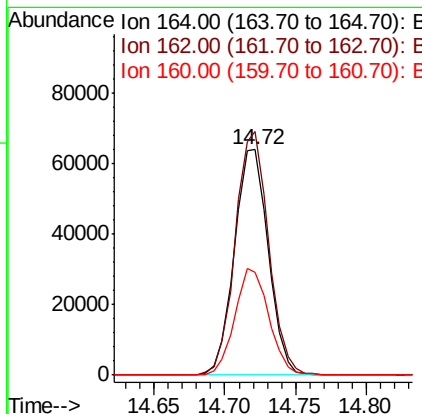
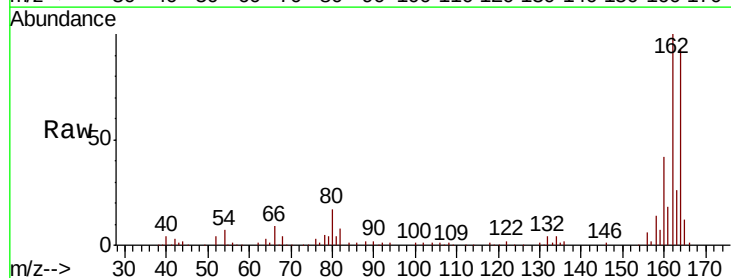
Instrument :
BNA_G
ClientSampleId :

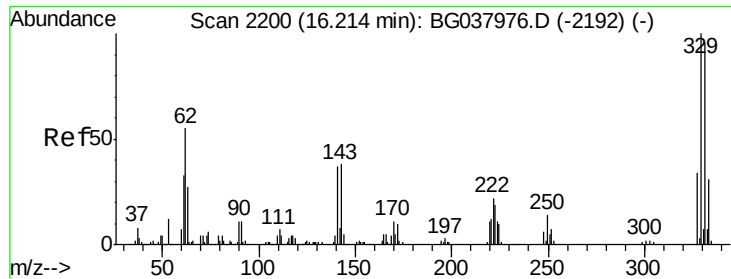
Tot Ion:122 Resp: 1217
Ion Ratio Lower Upper
122 100
105 101.6 106.7 146.7#
77 79.7 72.2 112.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038108.D
Acq: 21 Nov 2018 7:14

Tgt Ion:164 Resp: 107565
Ion Ratio Lower Upper
164 100
162 108.0 81.3 121.9
160 45.8 36.3 54.5

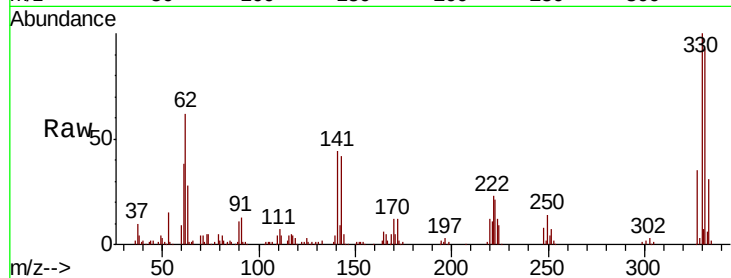




#42
 2,4,6-Tribromophenol
 Concen: 109.230 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038108.D
 Acq: 21 Nov 2018 7:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.4	117.6
141	42.9	32.2	48.2

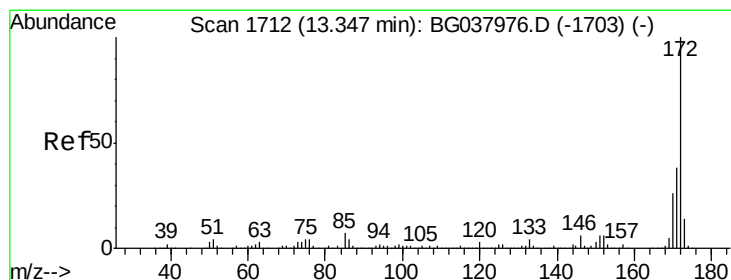
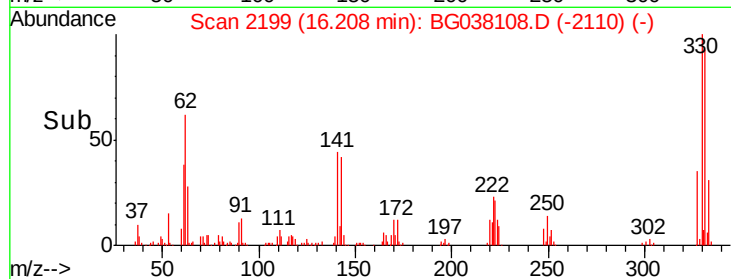
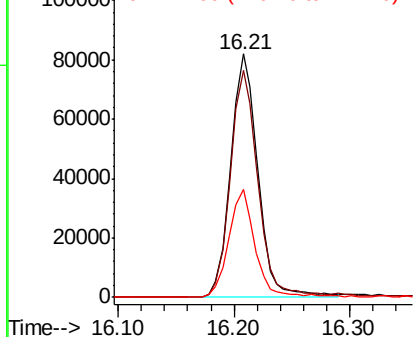


Abundance

Ion 329.80 (329.50 to 330.50): E

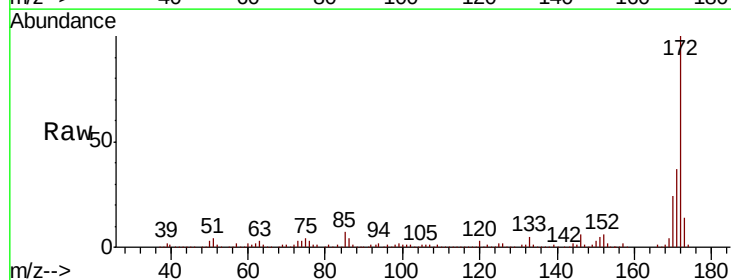
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 79.755 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038108.D
 Acq: 21 Nov 2018 7:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.0	46.4
170	24.2	20.2	30.2

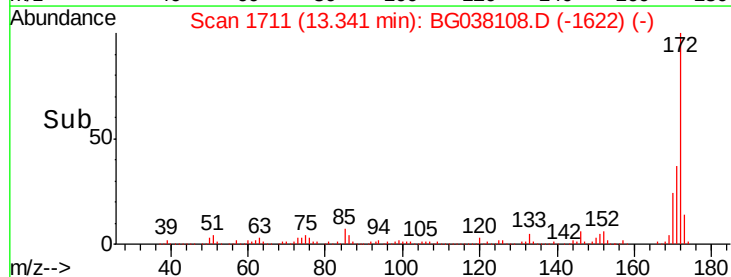
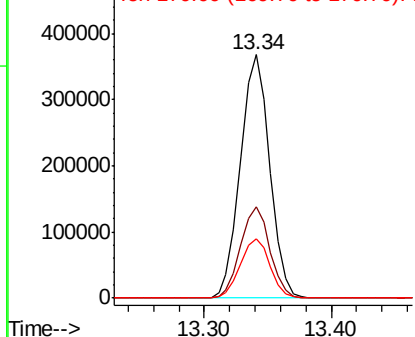


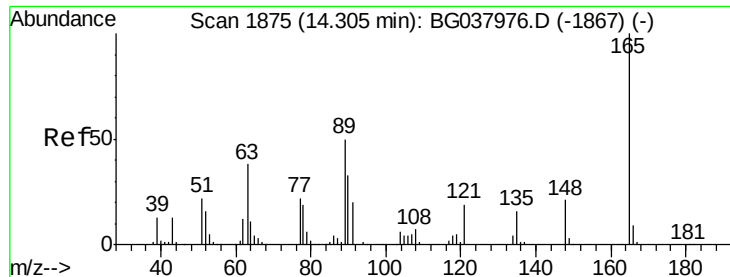
Abundance

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

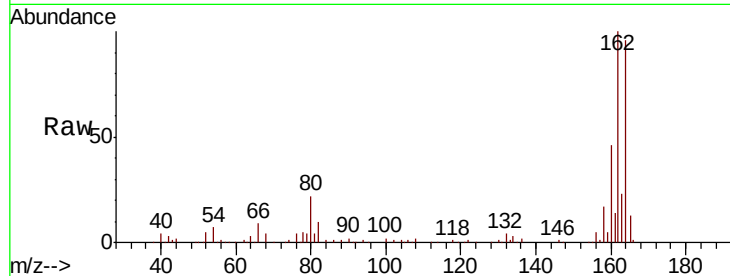




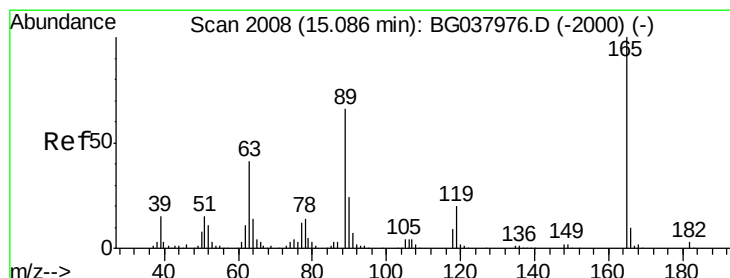
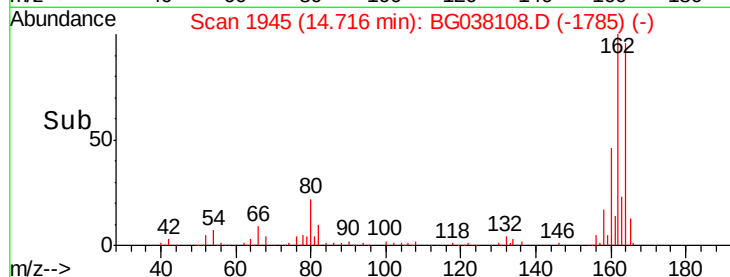
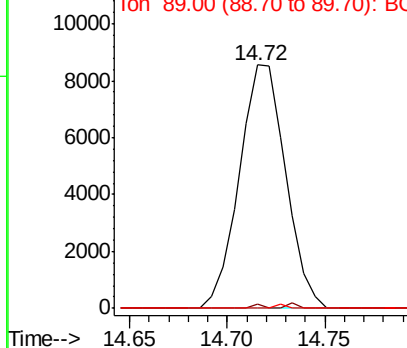
#51
 2,6-Dinitrotoluene
 Concen: 7.277 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038108.D
 Acq: 21 Nov 2018 7:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	43.4	65.2#
89	0.0	45.8	68.6#



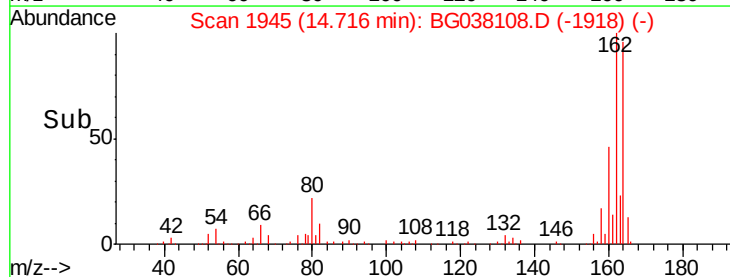
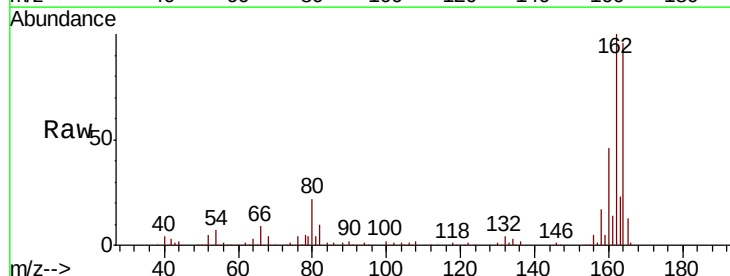
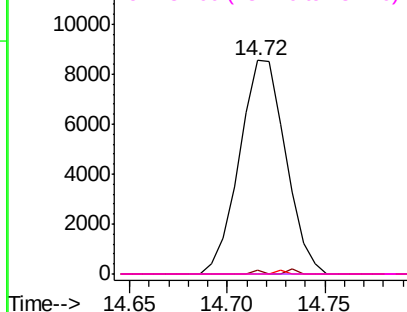
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

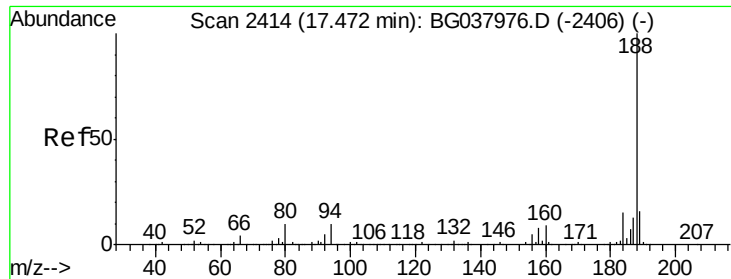


#57
 2,4-Dinitrotoluene
 Concen: 5.348 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038108.D
 Acq: 21 Nov 2018 7:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	33.4	50.0#
89	0.0	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

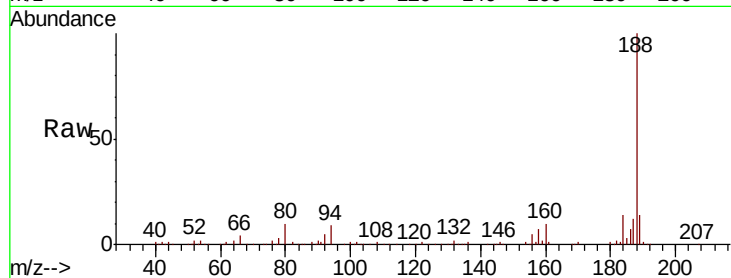




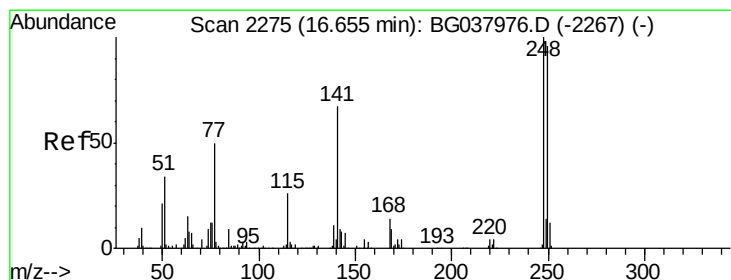
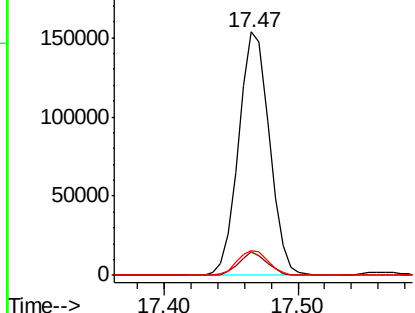
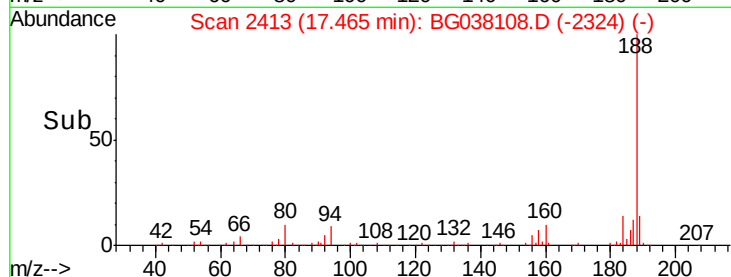
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038108.D
 Acq: 21 Nov 2018 7:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 245189
 Ion Ratio Lower Upper
 188 100
 94 9.4 7.2 10.8
 80 10.3 7.7 11.5

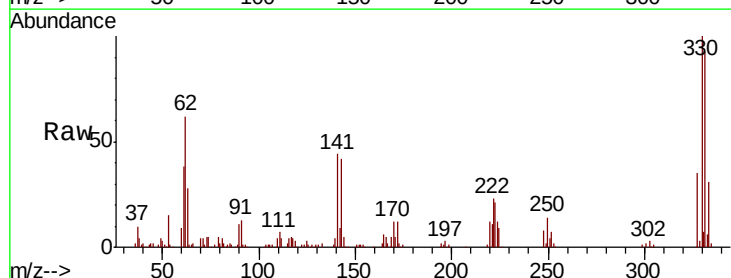


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

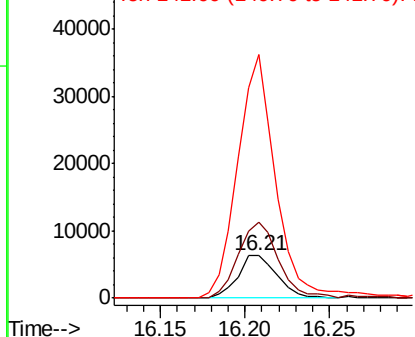
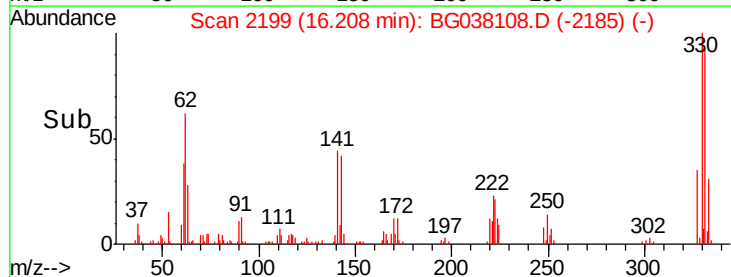


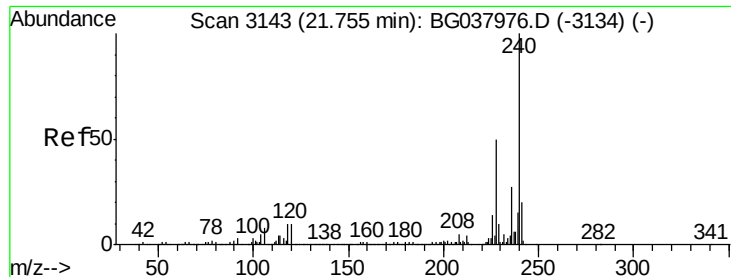
#67
 4-Bromophenyl-phenylether
 Concen: 3.825 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038108.D
 Acq: 21 Nov 2018 7:14

Tgt Ion:248 Resp: 10294
 Ion Ratio Lower Upper
 248 100
 250 175.7 77.0 115.6#
 141 435.3 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

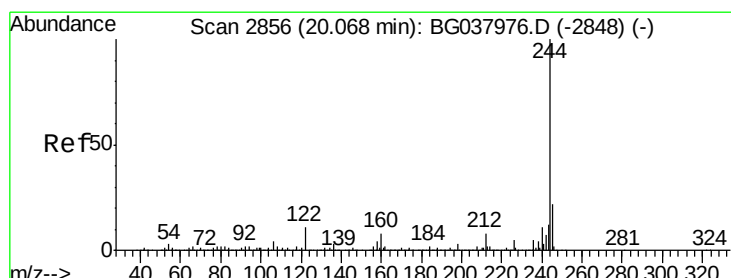
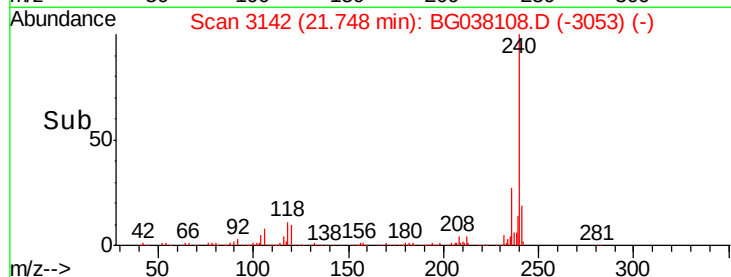
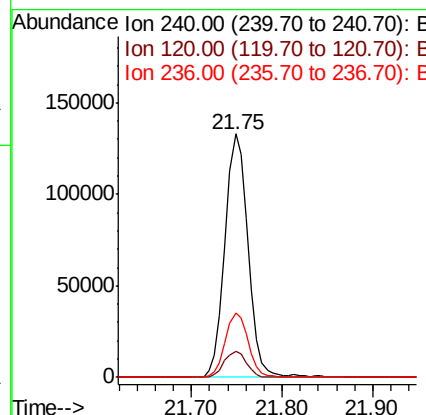
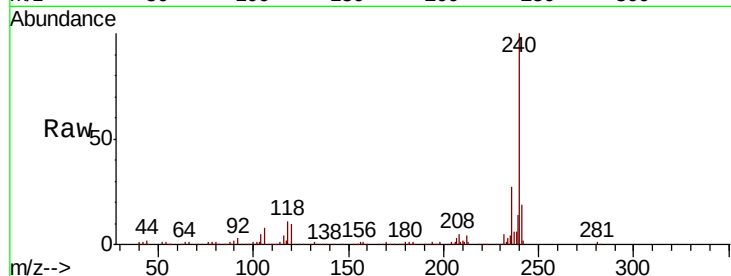




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG038108.D
 Acq: 21 Nov 2018 7:14

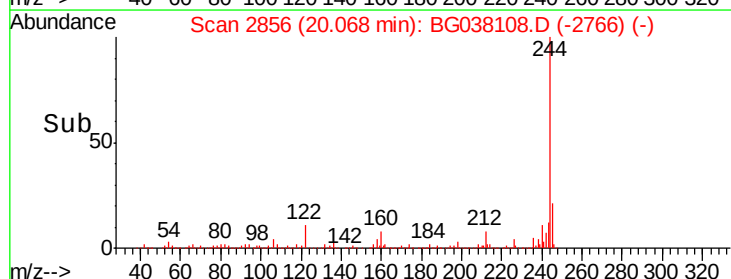
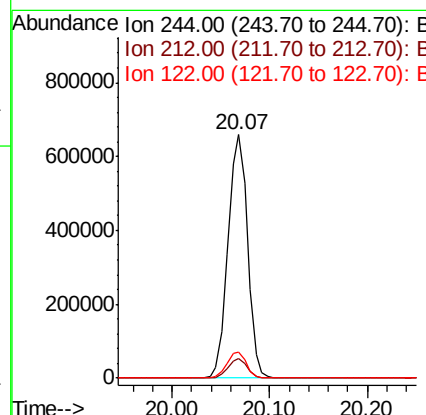
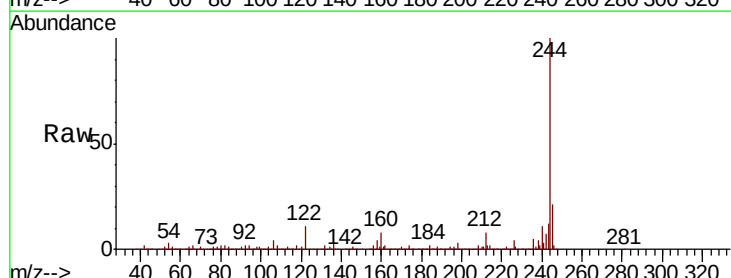
Instrument :
 BNA_G
 ClientSampleId :

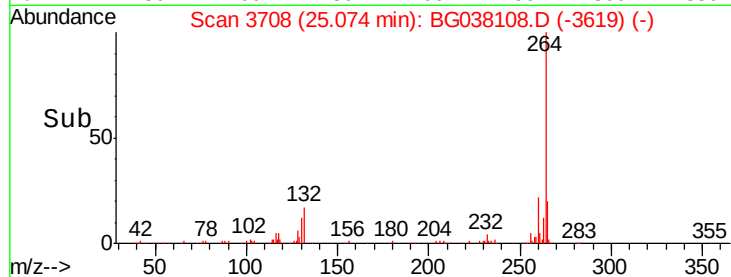
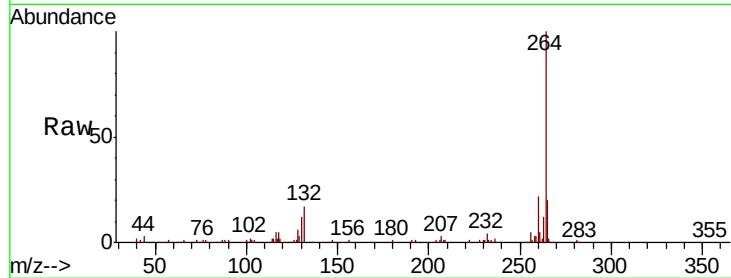
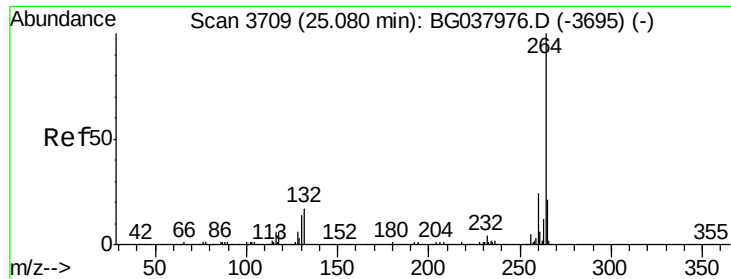
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.1	12.1
236	26.5	21.4	32.0



#79
 Terphenyl-d14
 Concen: 91.878 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BG038108.D
 Acq: 21 Nov 2018 7:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.5	9.0	13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG038108.D
Acq: 21 Nov 2018 7:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	223256
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	20.1	17.9	26.9

