

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120518\
 Data File : BG038368.D
 Acq On : 5 Dec 2018 21:07
 Operator : JU/SJ
 Sample : J6151-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112918-DBRI-E-U-M

Quant Time: Dec 06 04:10:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

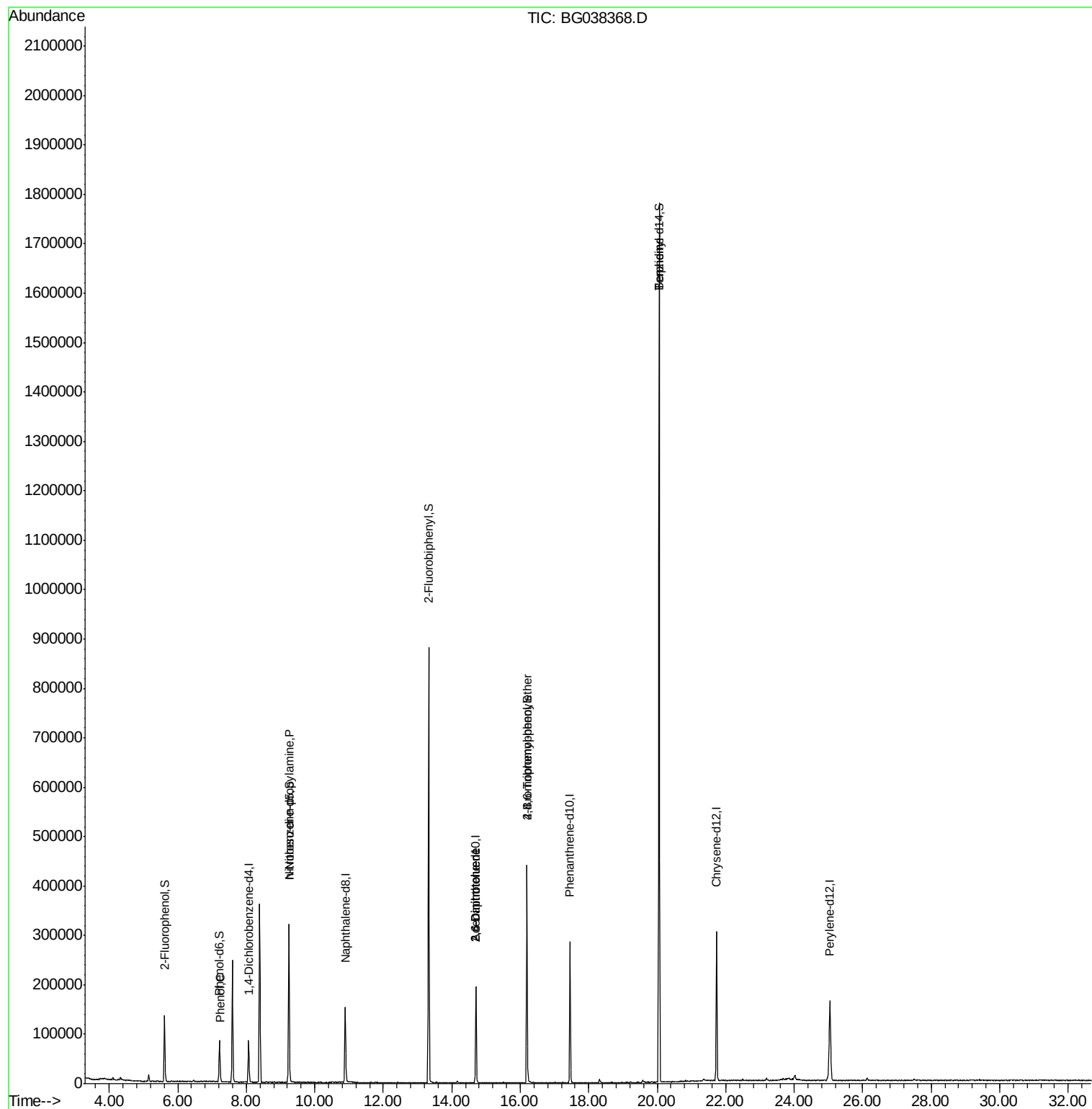
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24982	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	146127	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	73843	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	188138	20.00	ng	0.00
76) Chrysene-d12	21.73	240	183395	20.00	ng	-0.01
87) Perylene-d12	25.04	264	189669	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	59740	42.32	ng	0.00
7) Phenol-d6	7.21	99	52237	25.60	ng	-0.01
23) Nitrobenzene-d5	9.25	82	201675	68.52	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	85897	94.76	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	486229	93.83	ng	0.00
79) Terphenyl-d14	20.06	244	856987	100.11	ng	0.00
Target Compounds						
10) Phenol	7.24	94	6599	3.061	ng	# 78
19) n-Nitroso-di-n-propylamine	9.25	70	27147	16.993	ng	# 72
51) 2,6-Dinitrotoluene	14.71	165	9154	6.766	ng	# 23
57) 2,4-Dinitrotoluene	14.71	165	9154	4.906	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	6118	3.011	ng	# 1
77) Benzidine	20.06	184	15061	2.434	ng	97

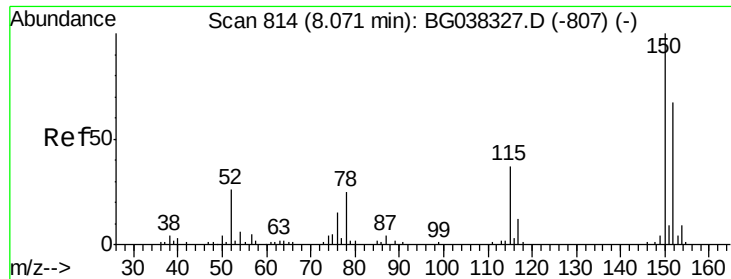
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 04 17:15:40 2018
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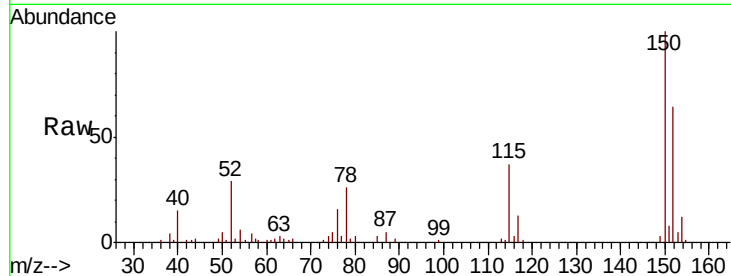


#1

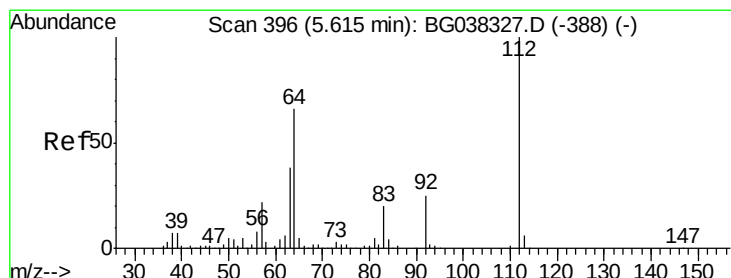
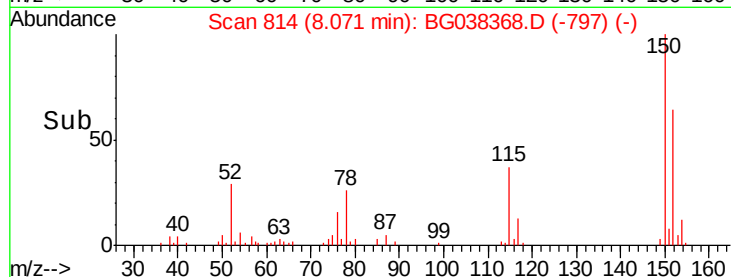
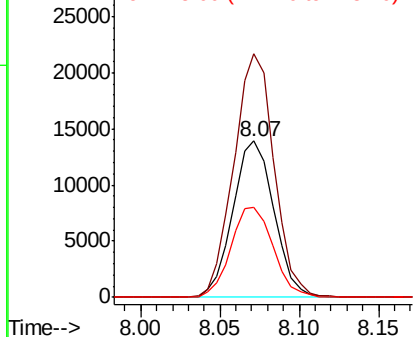
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038368.D
Acq: 5 Dec 2018 21:07

Instrument :
BNA_G
ClientSampleId :
112918-DBRI-E-U-M

Tgt Ion:152 Resp: 24982
Ion Ratio Lower Upper
152 100
150 156.0 126.0 189.0
115 57.6 45.5 68.3



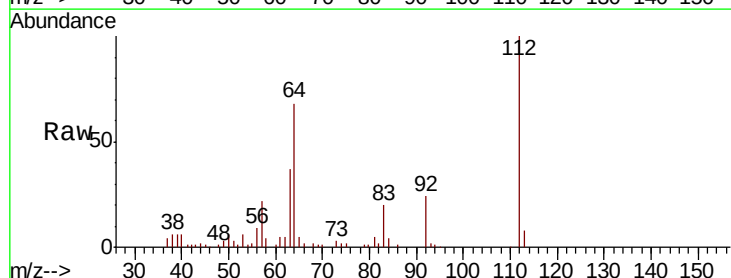
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



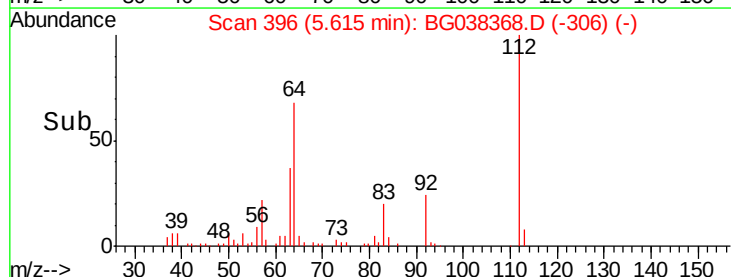
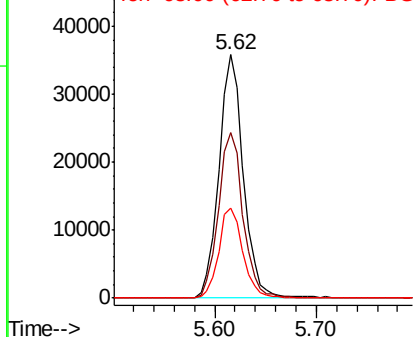
#5

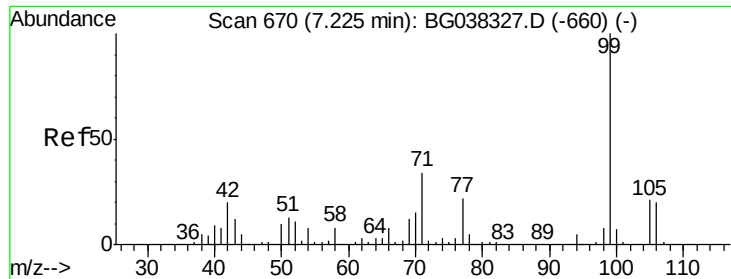
2-Fluorophenol
Concen: 42.318 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038368.D
Acq: 5 Dec 2018 21:07

Tgt Ion:112 Resp: 59740
Ion Ratio Lower Upper
112 100
64 67.9 53.1 79.7
63 37.1 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: 25.602 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038368.D

Acq: 5 Dec 2018 21:07

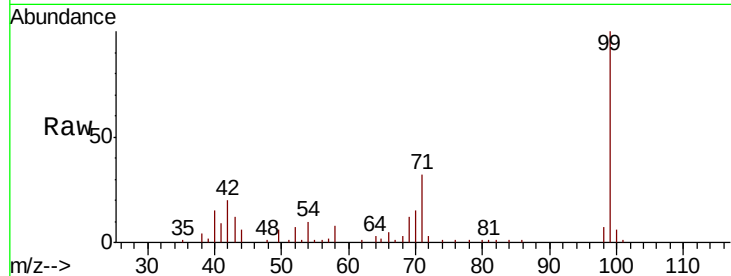
Instrument :

BNA_G

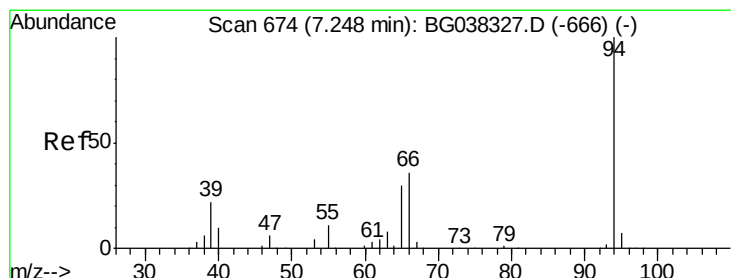
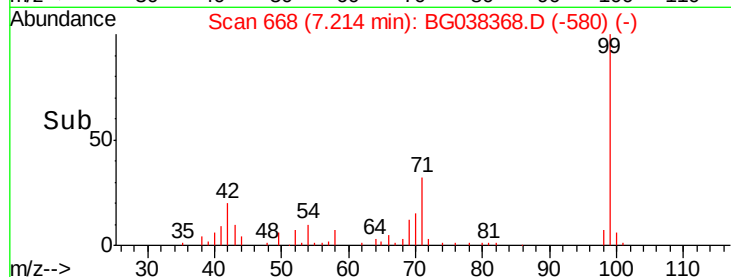
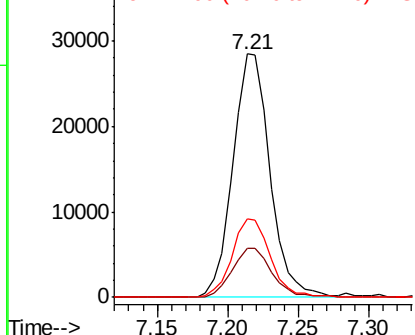
ClientSampleId :

112918-DBRI-E-U-M

Tgt Ion:	99	Resp:	52237
Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.0	22.4
71	32.0	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: 3.061 ng

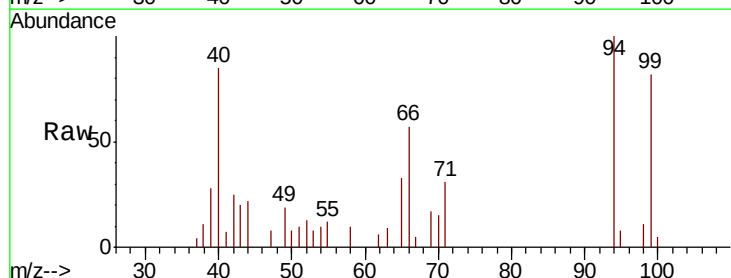
RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

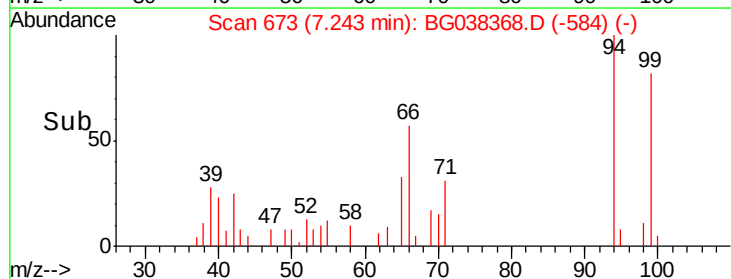
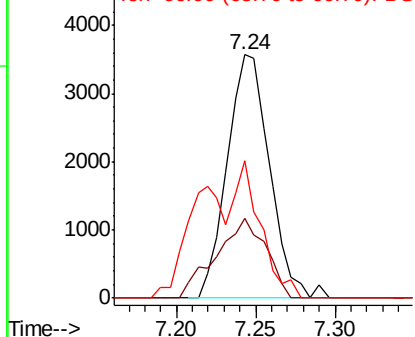
Lab File: BG038368.D

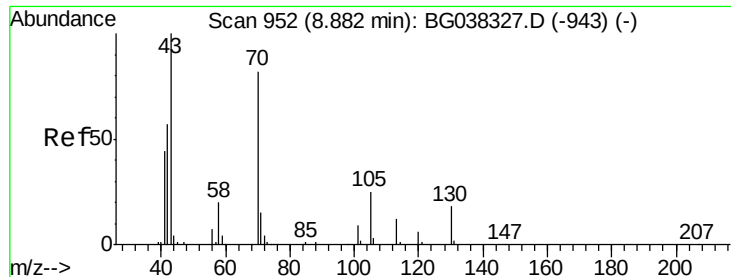
Acq: 5 Dec 2018 21:07

Tgt Ion:	94	Resp:	6599
Ion	Ratio	Lower	Upper
94	100		
65	32.8	9.7	49.7
66	56.6	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

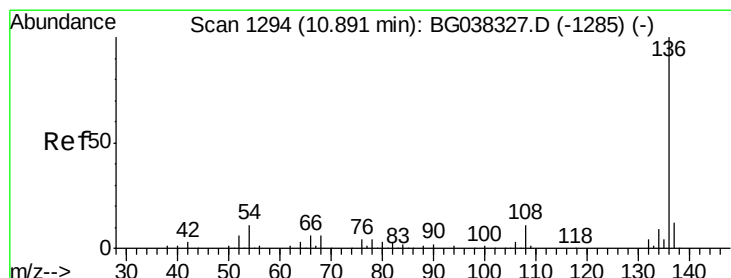
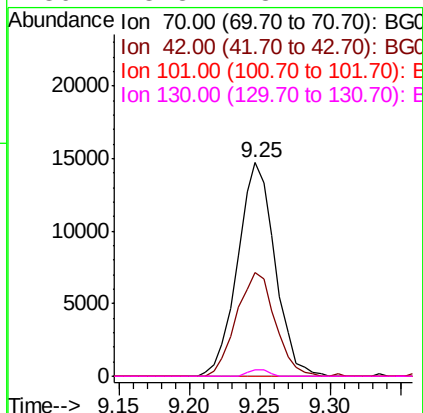
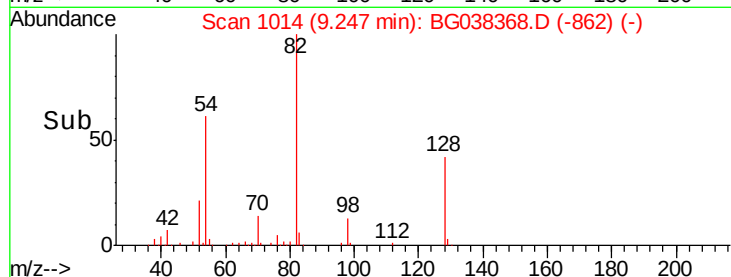
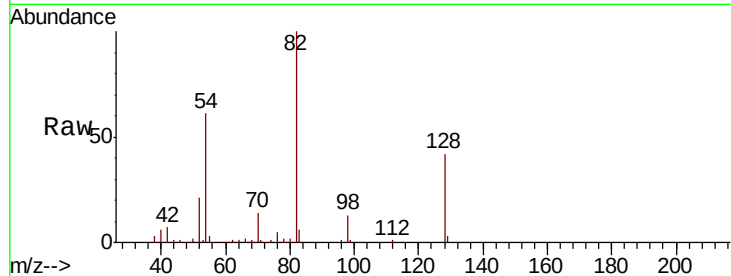




#19
n-Nitroso-di-n-propylamine
Concen: 16.993 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.37 min
Lab File: BG038368.D
Acq: 5 Dec 2018 21:07

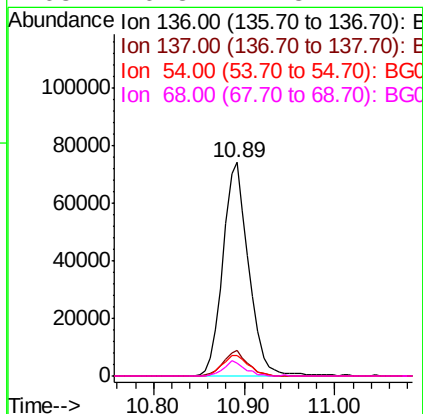
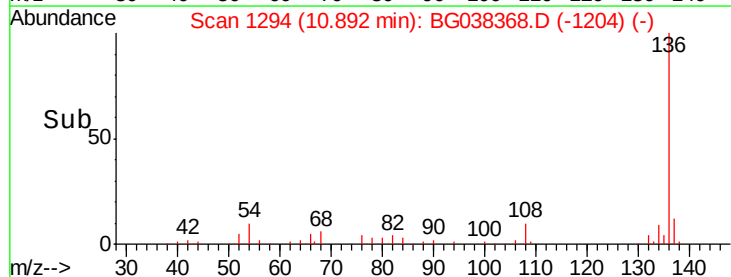
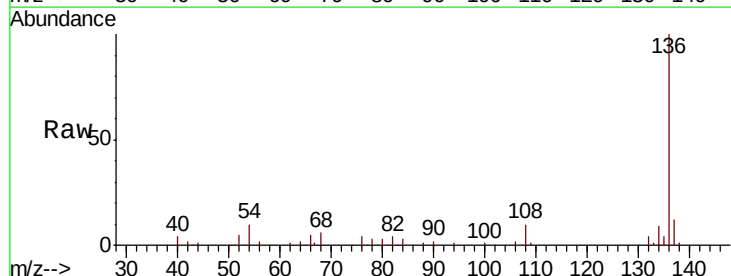
Instrument :
BNA_G
ClientSampleId :
112918-DBRI-E-U-M

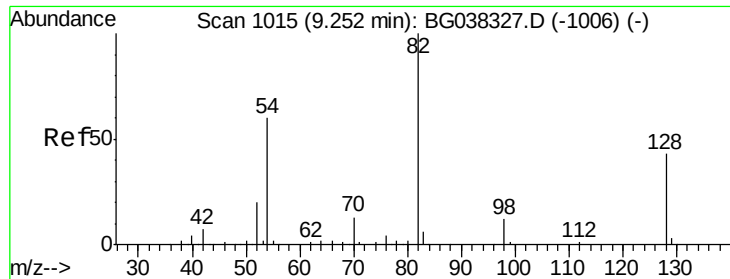
Tgt Ion: 70 Resp: 27147
Ion Ratio Lower Upper
70 100
42 48.6 53.9 80.9#
101 0.0 8.2 12.2#
130 3.3 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG038368.D
Acq: 5 Dec 2018 21:07

Tgt Ion: 136 Resp: 146127
Ion Ratio Lower Upper
136 100
137 11.7 9.6 14.4
54 9.6 7.9 11.9
68 6.3 4.8 7.2

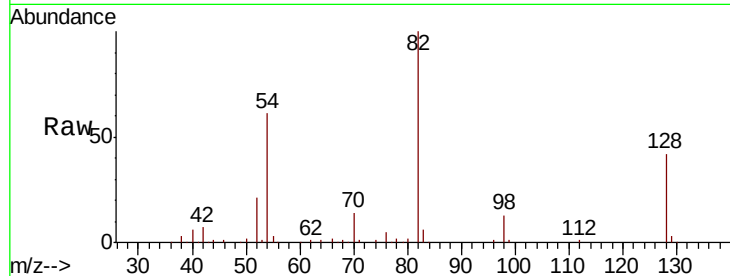




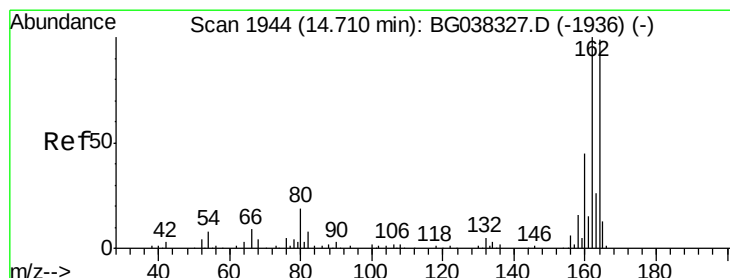
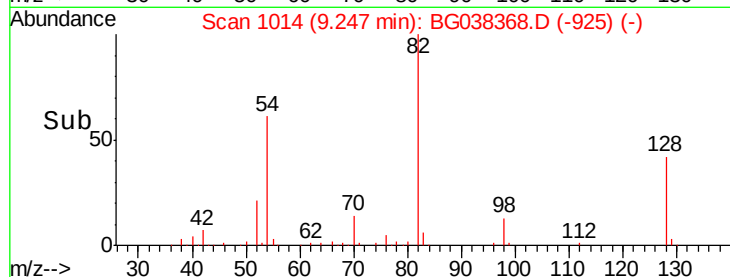
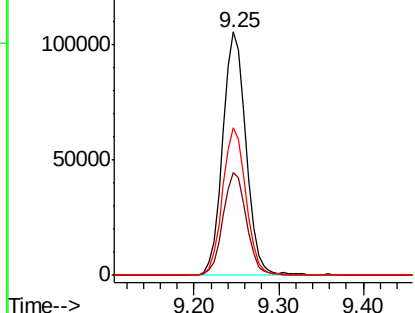
#23
Nitrobenzene-d5
Concen: 68.521 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038368.D
Acq: 5 Dec 2018 21:07

Instrument :
BNA_G
ClientSampleId :
112918-DBRI-E-U-M

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	51.8
54	60.5	45.3	67.9

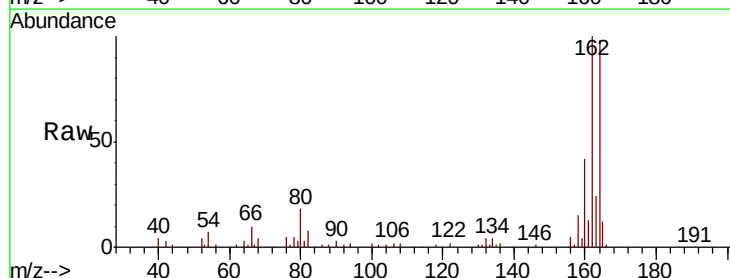


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

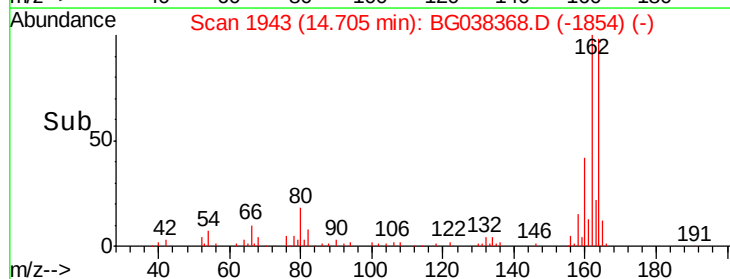
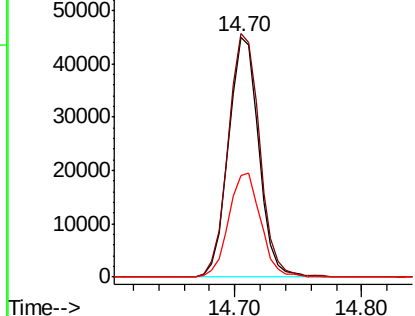


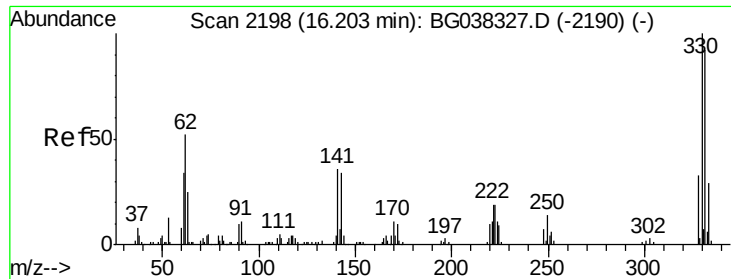
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038368.D
Acq: 5 Dec 2018 21:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.3	121.9
160	42.6	36.3	54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

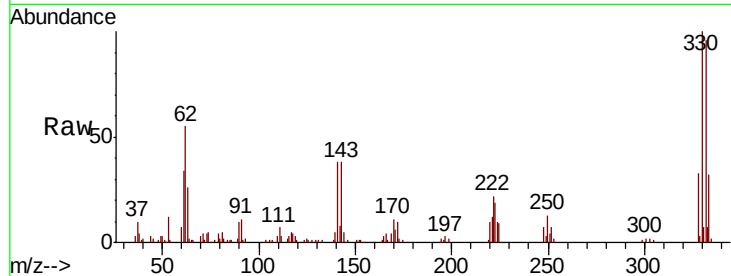




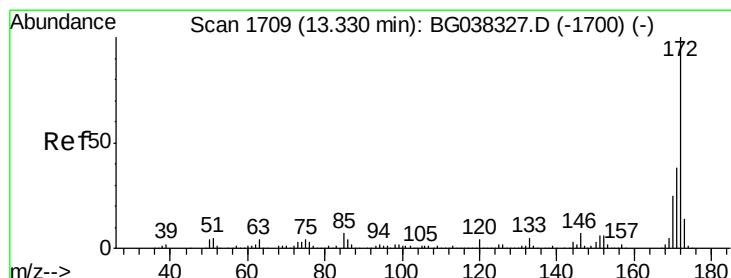
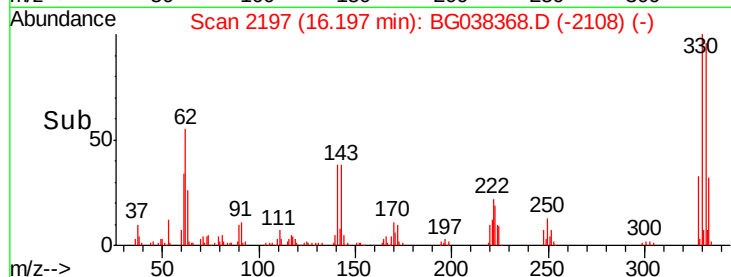
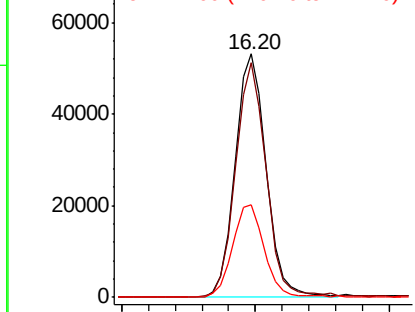
#42
 2,4,6-Tribromophenol
 Concen: 94.755 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038368.D
 Acq: 5 Dec 2018 21:07

Instrument :
 BNA_G
 ClientSampleId :
 112918-DBRI-E-U-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.4	117.6
141	39.0	32.2	48.2

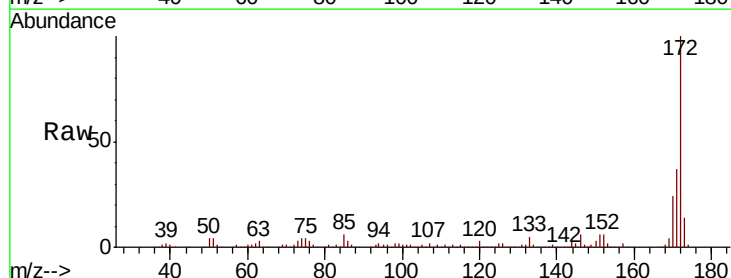


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

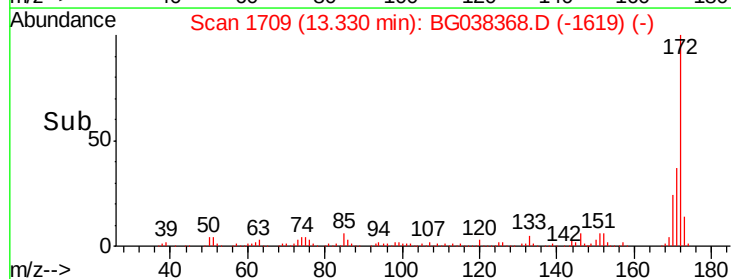
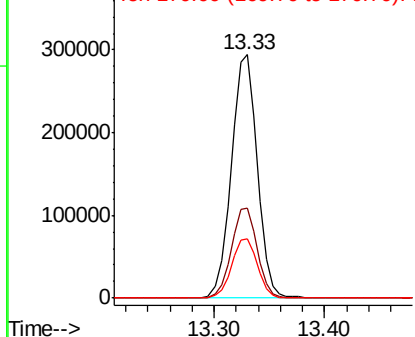


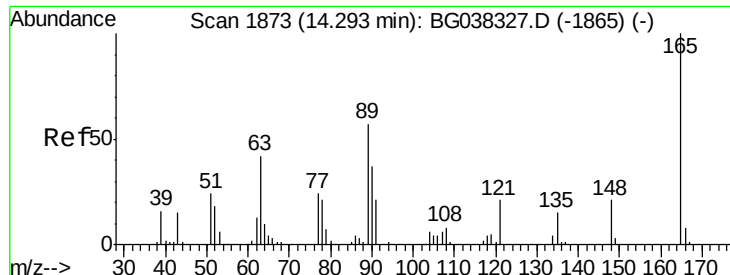
#45
 2-Fluorobiphenyl
 Concen: 93.825 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038368.D
 Acq: 5 Dec 2018 21:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	24.5	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

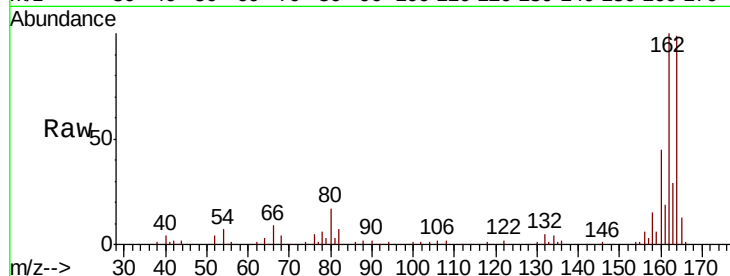




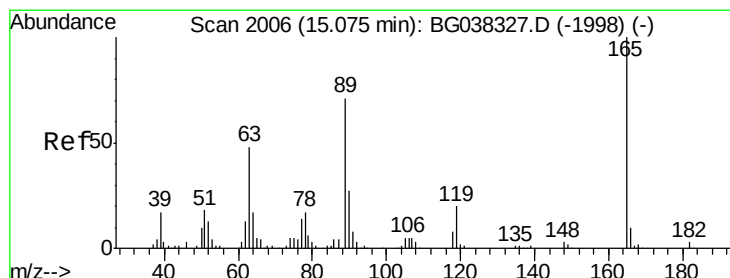
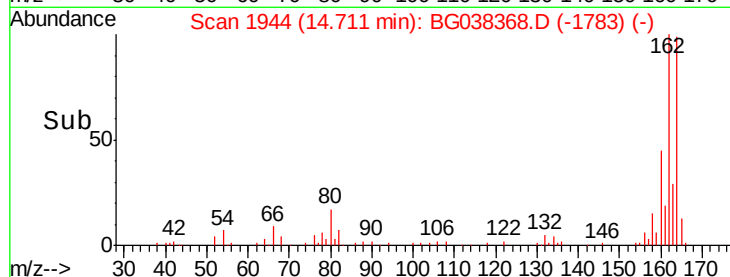
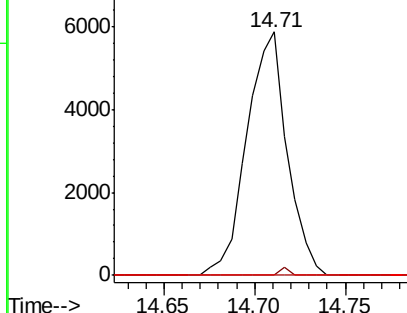
#51
 2,6-Dinitrotoluene
 Concen: 6.766 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. 0.42 min
 Lab File: BG038368.D
 Acq: 5 Dec 2018 21:07

Instrument :
 BNA_G
 ClientSampleId :
 112918-DBRI-E-U-M

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



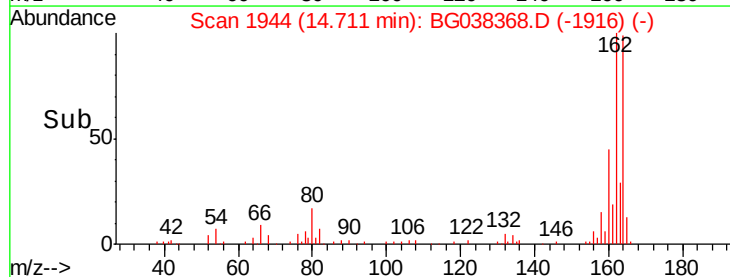
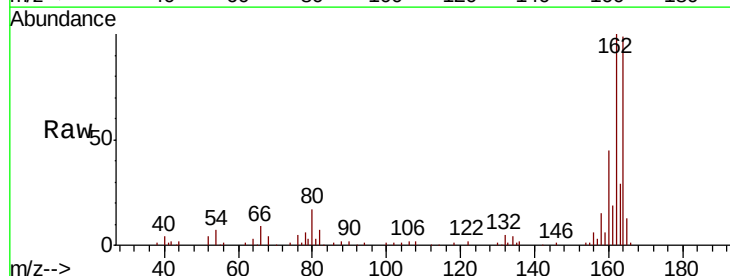
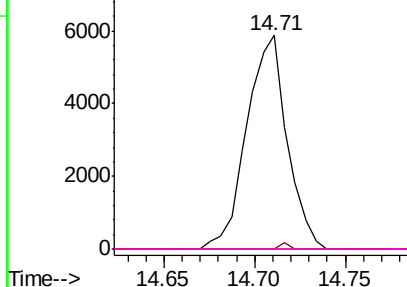
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

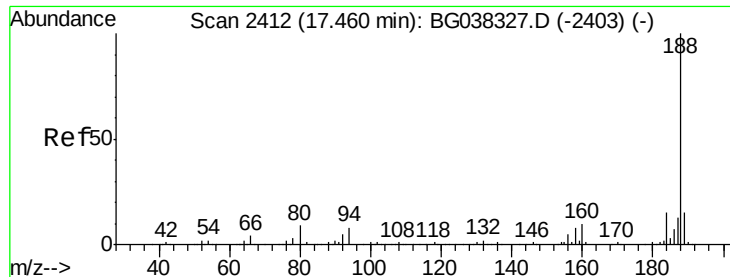


#57
 2,4-Dinitrotoluene
 Concen: 4.906 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.36 min
 Lab File: BG038368.D
 Acq: 5 Dec 2018 21:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	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

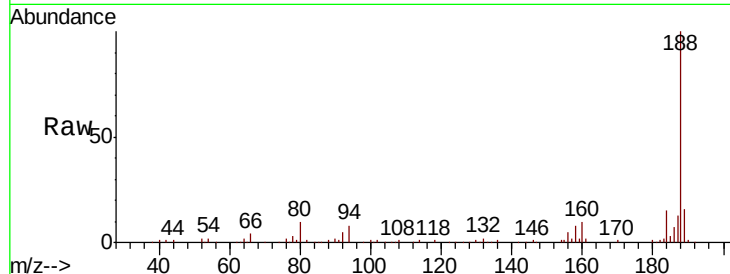




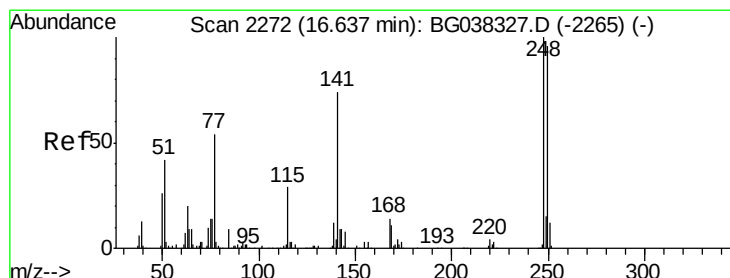
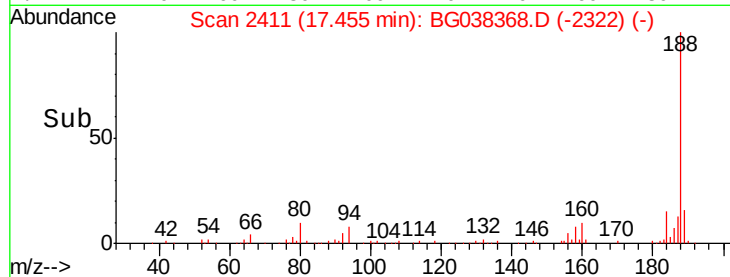
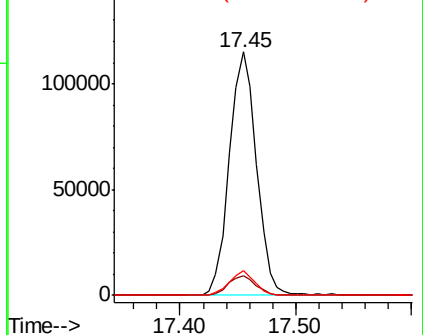
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038368.D
 Acq: 5 Dec 2018 21:07

Instrument :
 BNA_G
 ClientSampleId :
 112918-DBRI-E-U-M

Tgt Ion:188 Resp: 188138
 Ion Ratio Lower Upper
 188 100
 94 7.9 7.2 10.8
 80 10.0 7.7 11.5

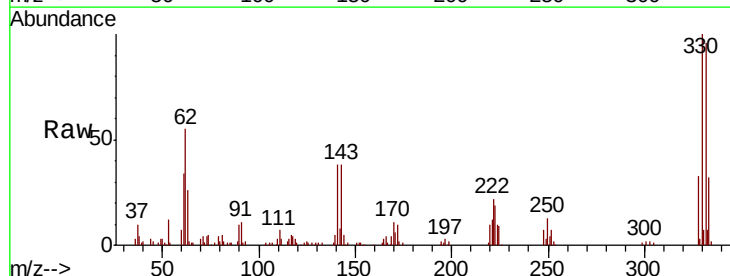


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

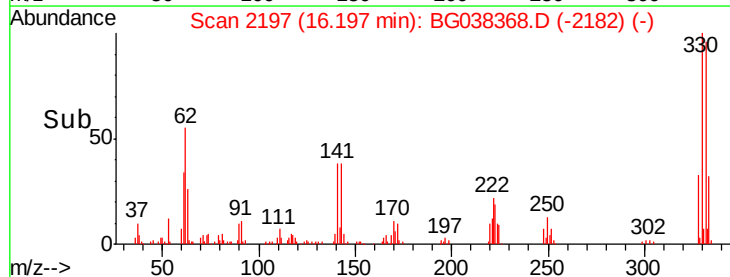
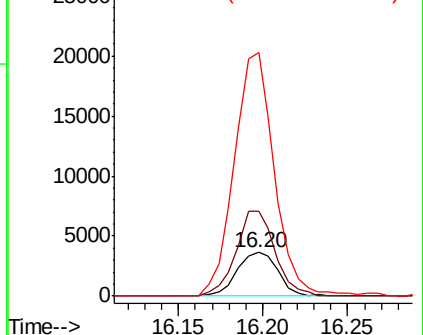


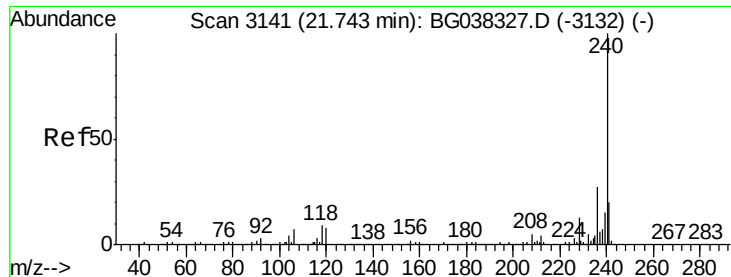
#67
 4-Bromophenyl-phenylether
 Concen: 3.011 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.44 min
 Lab File: BG038368.D
 Acq: 5 Dec 2018 21:07

Tgt Ion:248 Resp: 6118
 Ion Ratio Lower Upper
 248 100
 250 246.4 77.0 115.6#
 141 556.2 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

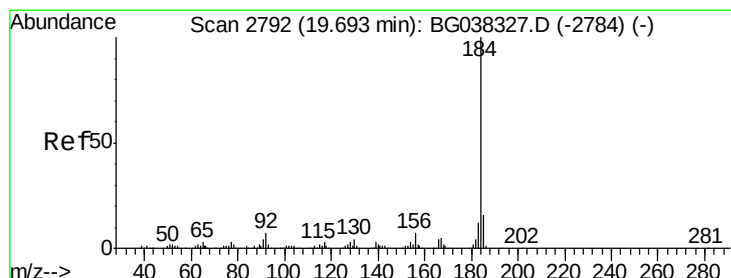
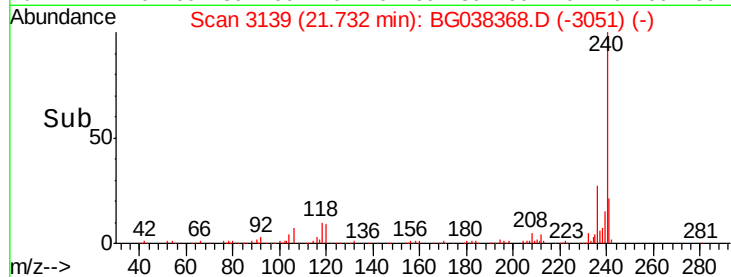
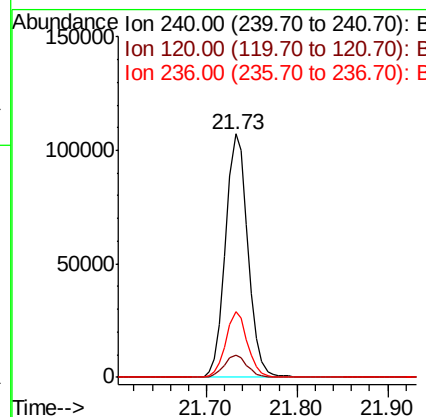
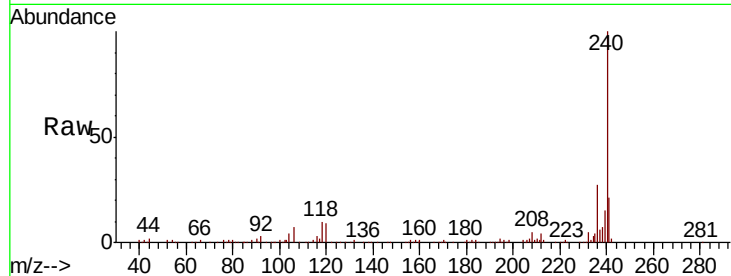




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038368.D
Acq: 5 Dec 2018 21:07

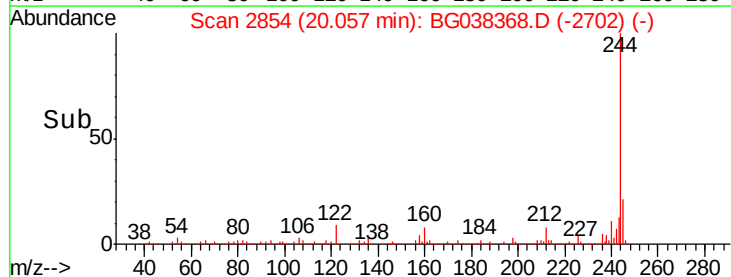
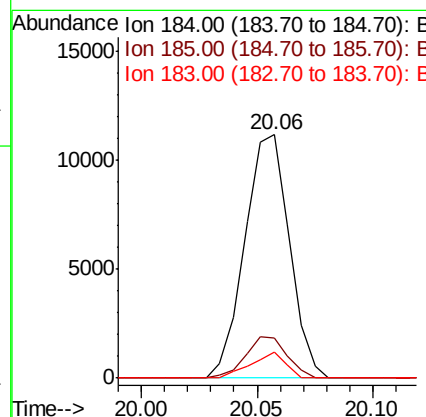
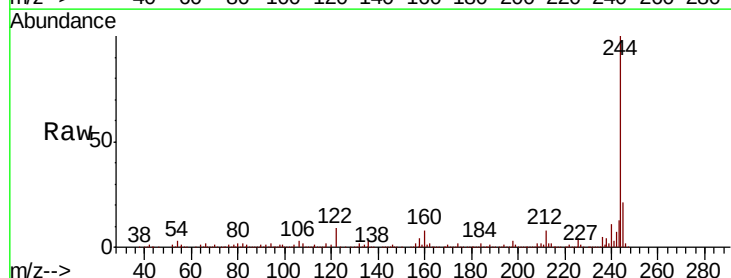
Instrument :
BNA_G
ClientSampleId :
112918-DBRI-E-U-M

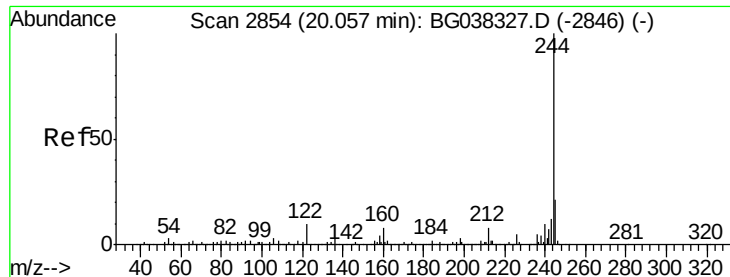
Tgt Ion:240 Resp: 183395
Ion Ratio Lower Upper
240 100
120 9.2 8.1 12.1
236 26.9 21.4 32.0



#77
Benzidine
Concen: 2.434 ng
RT: 20.06 min Scan# 2854
Delta R.T. 0.36 min
Lab File: BG038368.D
Acq: 5 Dec 2018 21:07

Tgt Ion:184 Resp: 15061
Ion Ratio Lower Upper
184 100
185 16.3 12.6 18.8
183 10.5 10.2 15.2





#79

Terphenyl-d14

Concen: 100.106 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038368.D

Acq: 5 Dec 2018 21:07

Instrument :

BNA_G

ClientSampleId :

112918-DBRI-E-U-M

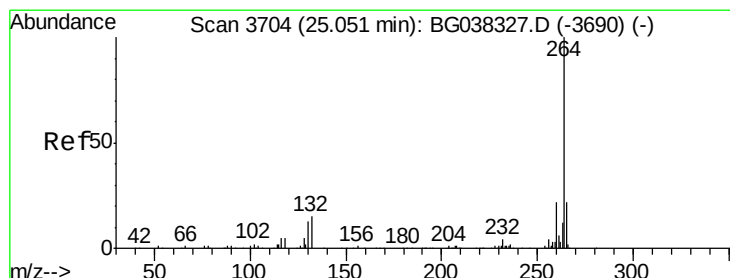
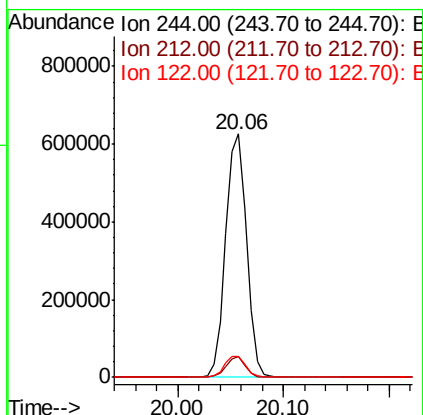
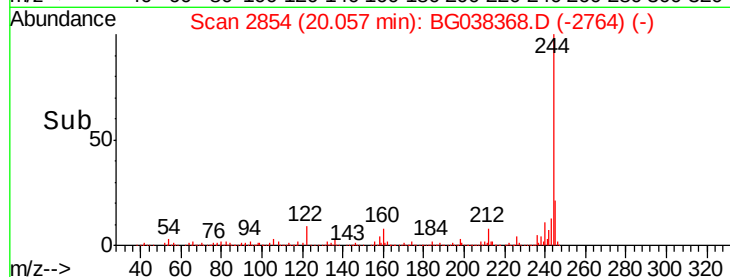
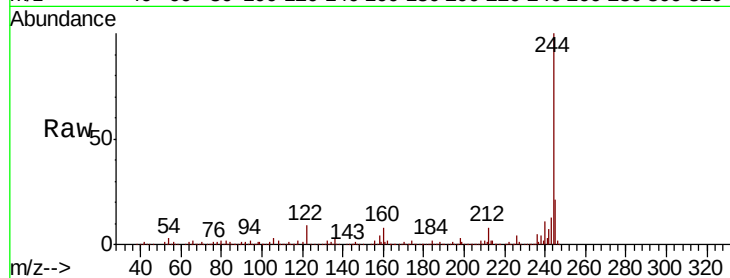
Tgt Ion:244 Resp: 856987

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 8.8 9.0 13.4#



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038368.D

Acq: 5 Dec 2018 21:07

Tgt Ion:264 Resp: 189669

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 20.3 17.9 26.9

