

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038268.D
 Acq On : 30 Nov 2018 21:58
 Operator : JU/SJ
 Sample : J6129-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112818-TIPC-F-D-B

Quant Time: Dec 01 03:31:57 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

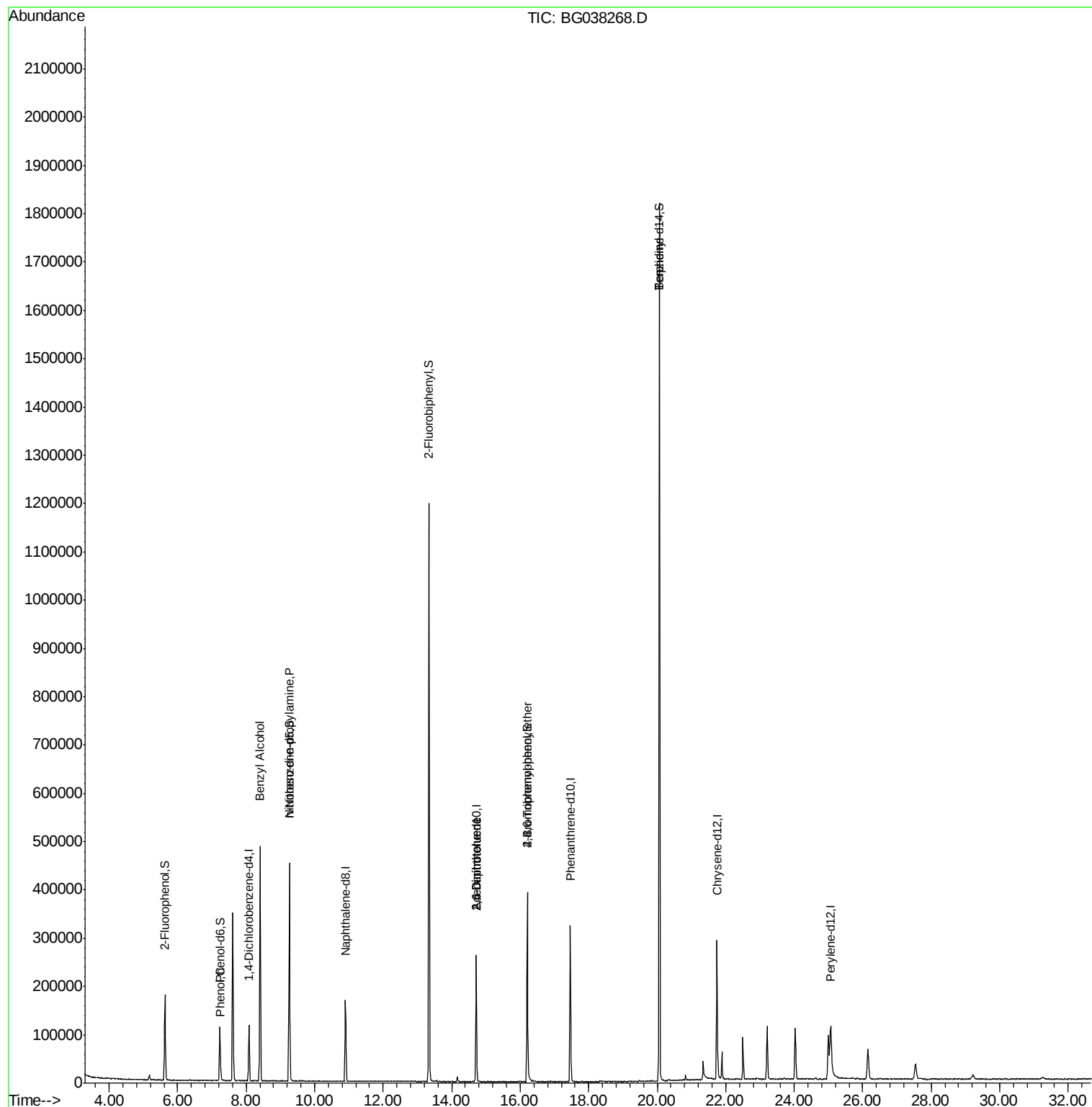
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	33008	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	150756	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	96202	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	210950	20.00	ng	0.00
76) Chrysene-d12	21.74	240	199125	20.00	ng	0.00
87) Perylene-d12	25.07	264	174743	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	80852	42.29	ng	0.00
7) Phenol-d6	7.23	99	67400	24.70	ng	0.00
23) Nitrobenzene-d5	9.26	82	277697	98.60	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	80091	73.00	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	628270	95.14	ng	0.00
79) Terphenyl-d14	20.06	244	883863	104.44	ng	0.00
Target Compounds						
10) Phenol	7.26	94	10504	3.634	ng	90
15) Benzyl Alcohol	8.40	79	4162	2.108	ng	# 46
19) n-Nitroso-di-n-propylamine	9.26	70	36228	18.347	ng	# 73
51) 2,6-Dinitrotoluene	14.72	165	12190	7.062	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	12190	5.190	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	5571	2.406	ng	# 1
77) Benizidine	20.06	184	15315	2.192	ng	# 92

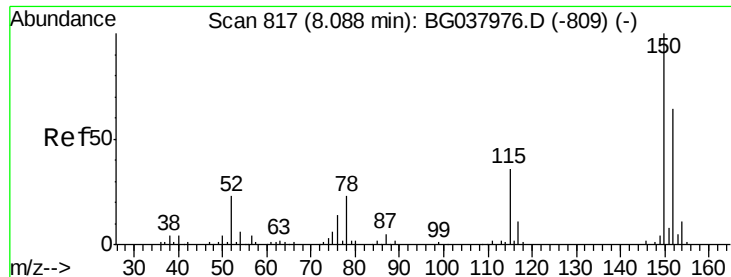
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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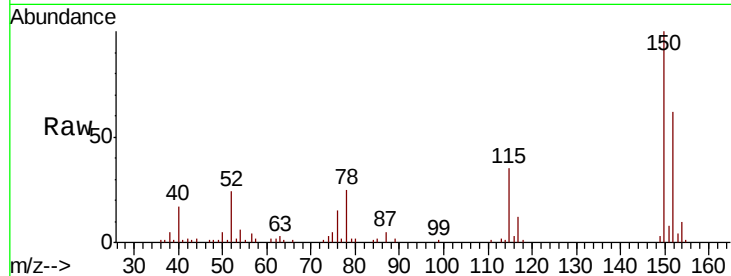


#1

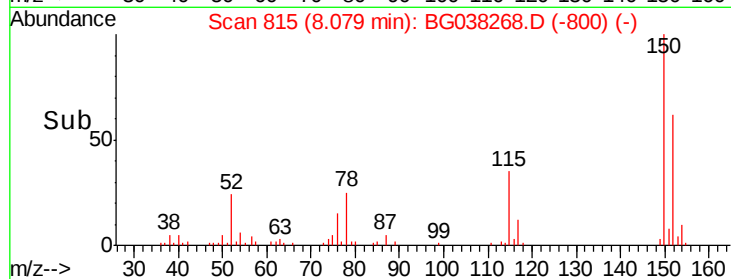
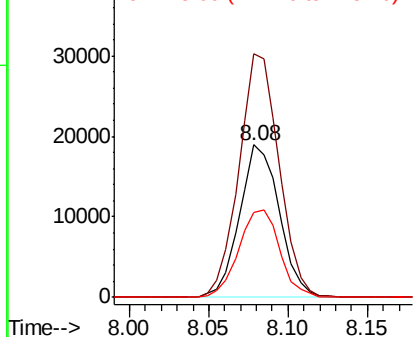
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038268.D
Acq: 30 Nov 2018 21:58

Instrument :
BNA_G
ClientSampleId :
112818-TIPC-F-D-B

Tot Ion:152 Resp: 33008
Ion Ratio Lower Upper
152 100
150 160.0 126.0 189.0
115 56.2 45.5 68.3



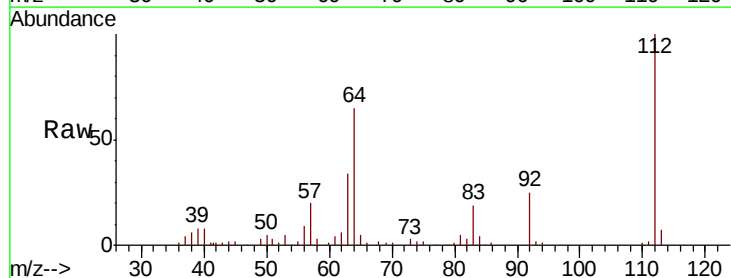
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



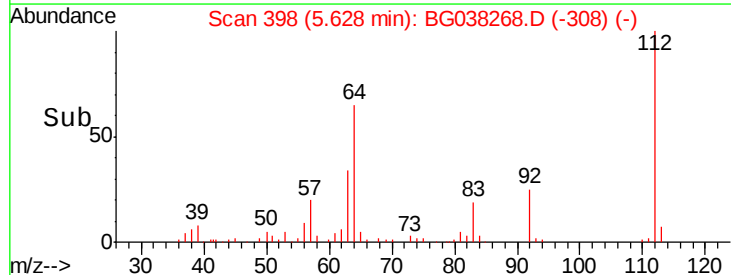
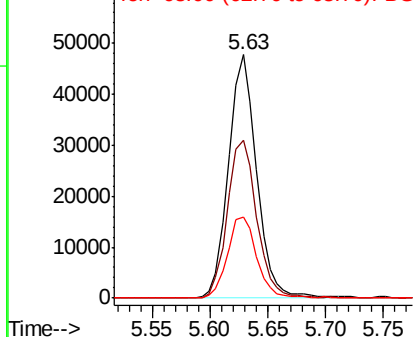
#5

2-Fluorophenol
Concen: 42.292 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038268.D
Acq: 30 Nov 2018 21:58

Tgt Ion:112 Resp: 80852
Ion Ratio Lower Upper
112 100
64 64.6 53.1 79.7
63 33.5 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: 24.698 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038268.D

Acq: 30 Nov 2018 21:58

Instrument :

BNA_G

ClientSampleId :

112818-TIPC-F-D-B

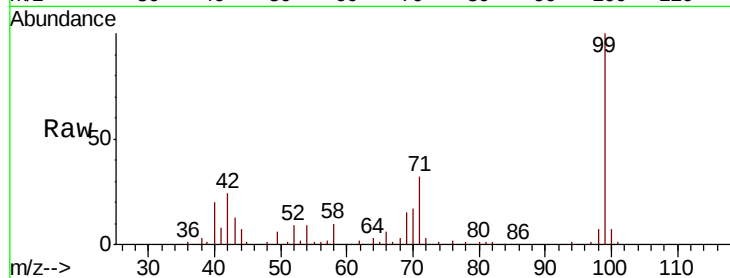
Tot Ion: 99 Resp: 67400

Ion Ratio Lower Upper

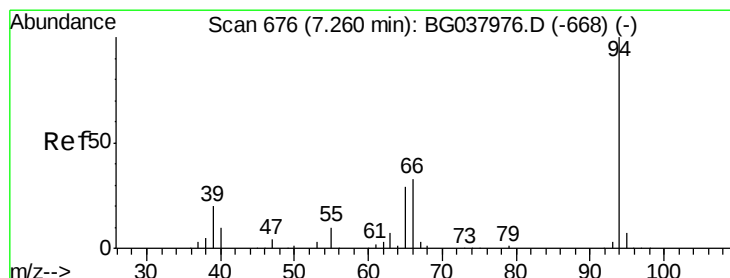
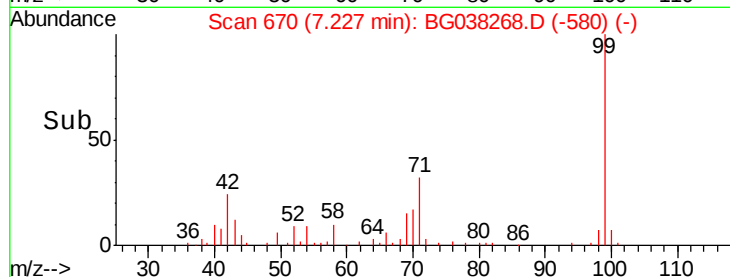
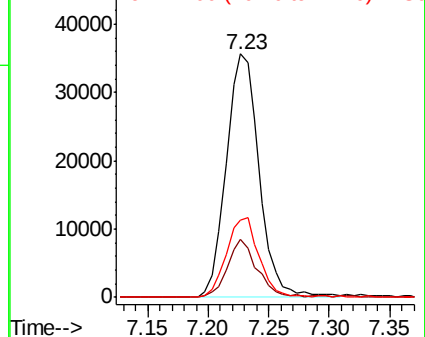
99 100

42 23.7 15.0 22.4#

71 31.8 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: 3.634 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG038268.D

Acq: 30 Nov 2018 21:58

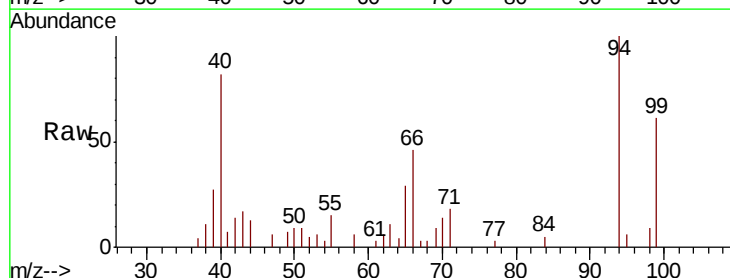
Tgt Ion: 94 Resp: 10504

Ion Ratio Lower Upper

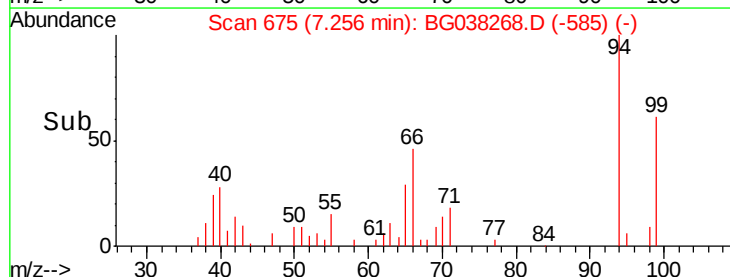
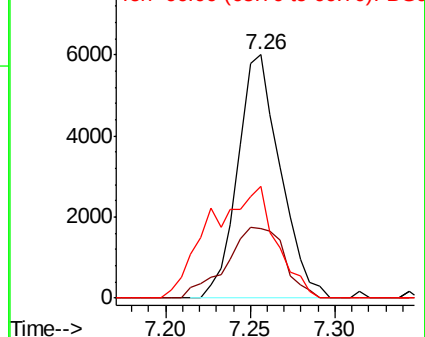
94 100

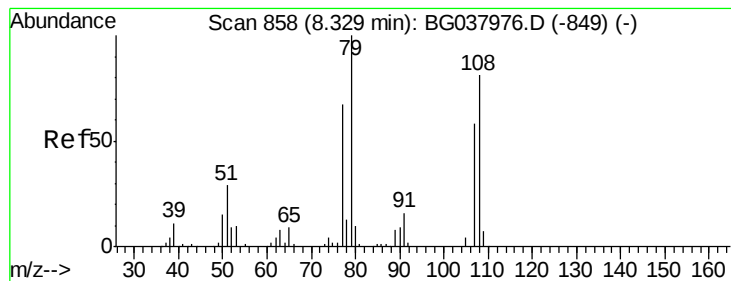
65 28.7 9.7 49.7

66 45.9 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





#15

Benzyl Alcohol

Concen: 2.108 ng

RT: 8.40 min Scan# 870

Delta R.T. 0.07 min

Lab File: BG038268.D

Acq: 30 Nov 2018 21:58

Instrument :

BNA_G

ClientSampleId :

112818-TIPC-F-D-B

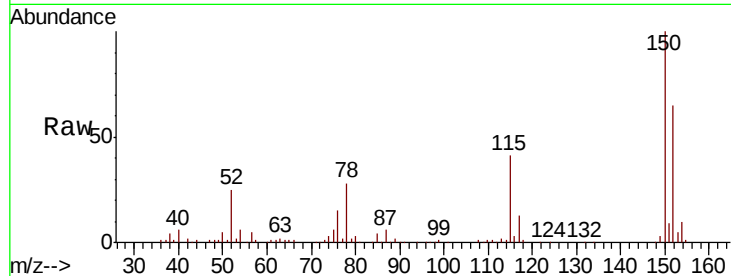
Tot Ion: 79 Resp: 4162

Ion Ratio Lower Upper

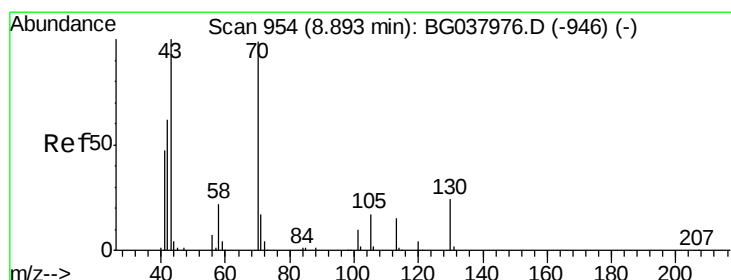
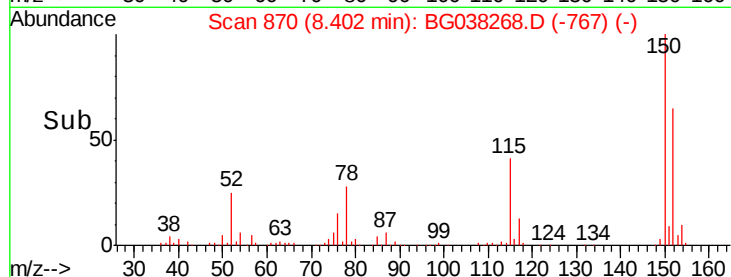
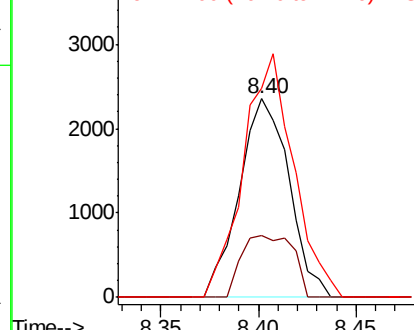
79 100

108 31.4 65.8 98.8#

77 105.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 18.347 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.37 min

Lab File: BG038268.D

Acq: 30 Nov 2018 21:58

Tgt Ion: 70 Resp: 36228

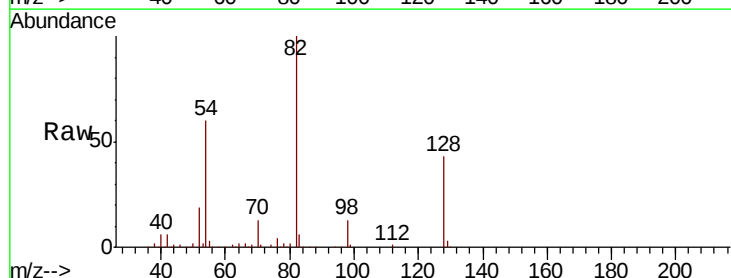
Ion Ratio Lower Upper

70 100

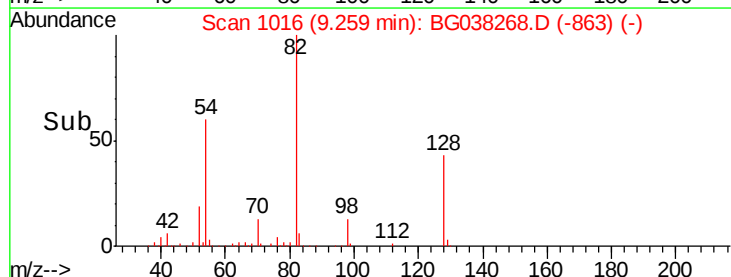
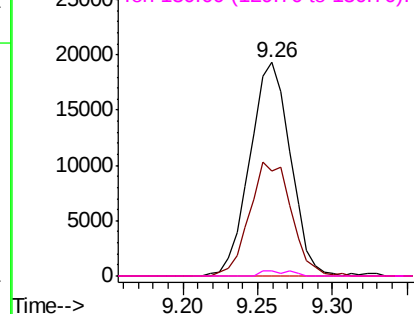
42 49.3 53.9 80.9#

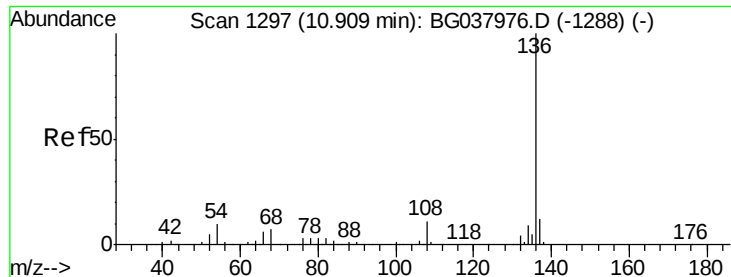
101 0.0 8.2 12.2#

130 2.5 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# 1295

Delta R.T. -0.01 min

Lab File: BG038268.D

Acq: 30 Nov 2018 21:58

Instrument :

BNA_G

ClientSampleId :

112818-TIPC-F-D-B

Tot Ion:136 Resp: 150756

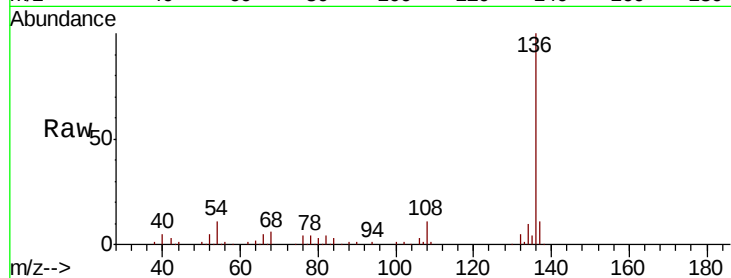
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 11.2 7.9 11.9

68 6.0 4.8 7.2

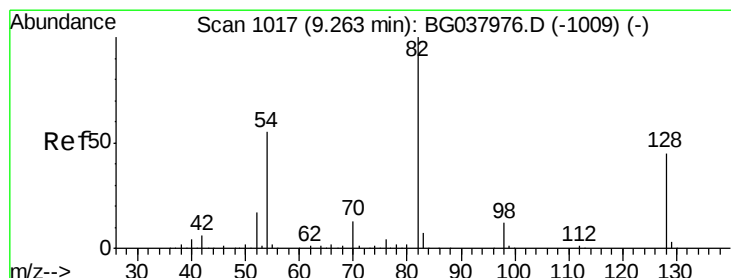
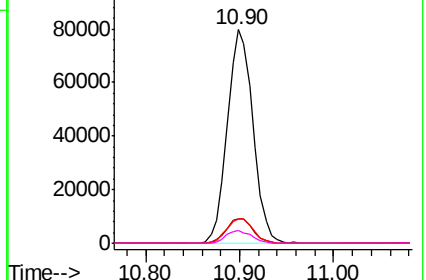
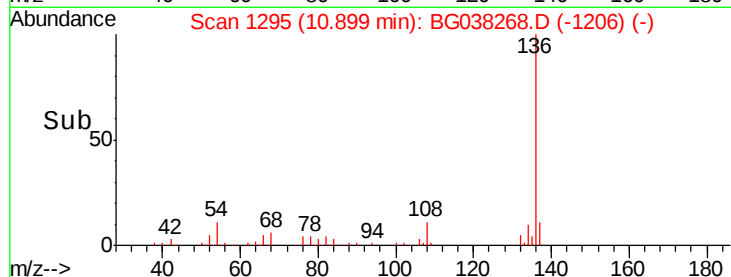


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.604 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG038268.D

Acq: 30 Nov 2018 21:58

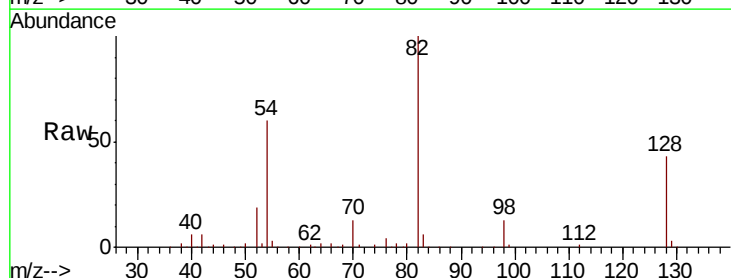
Tgt Ion: 82 Resp: 277697

Ion Ratio Lower Upper

82 100

128 42.5 34.6 51.8

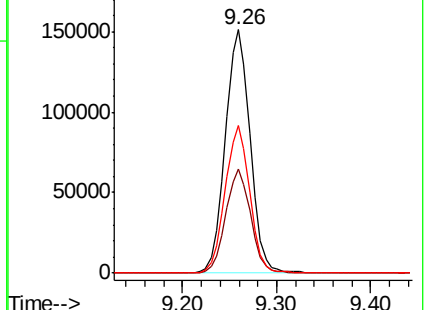
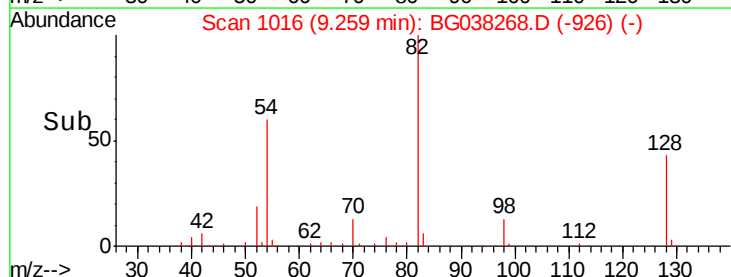
54 60.4 45.3 67.9

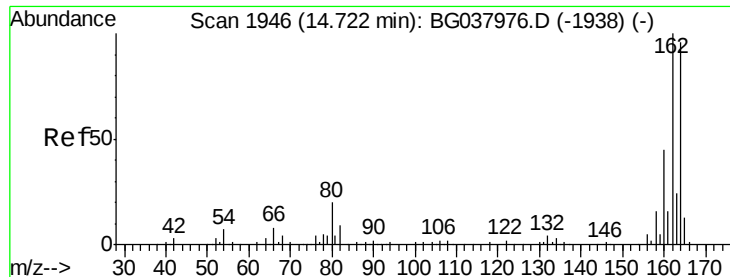


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038268.D

Acq: 30 Nov 2018 21:58

Instrument :

BNA_G

ClientSampleId :

112818-TIPC-F-D-B

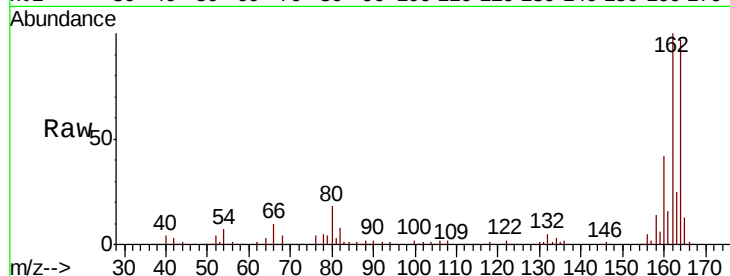
Tot Ion:164 Resp: 96202

Ion Ratio Lower Upper

164 100

162 102.6 81.3 121.9

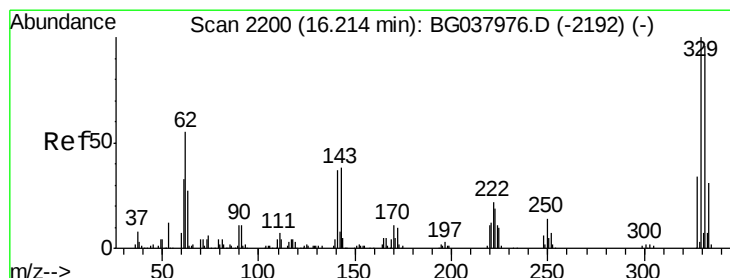
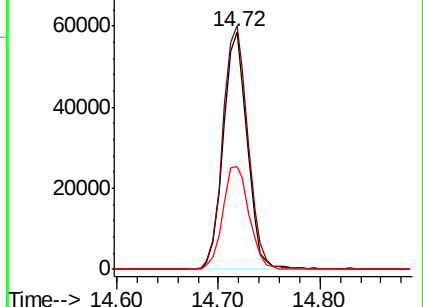
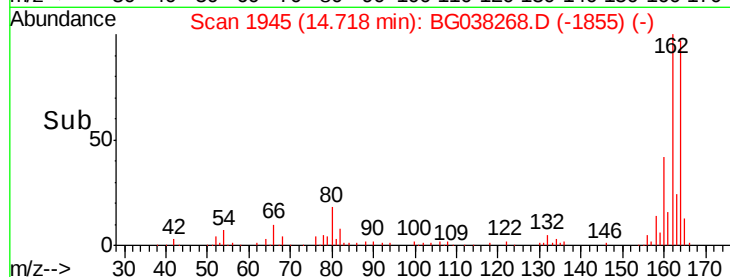
160 43.6 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 72.998 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038268.D

Acq: 30 Nov 2018 21:58

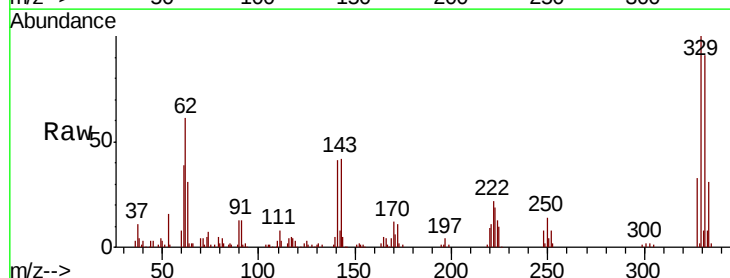
Tgt Ion:330 Resp: 80091

Ion Ratio Lower Upper

330 100

332 96.0 78.4 117.6

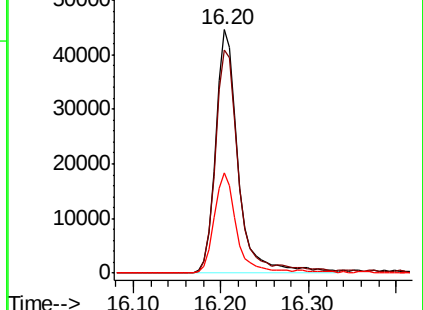
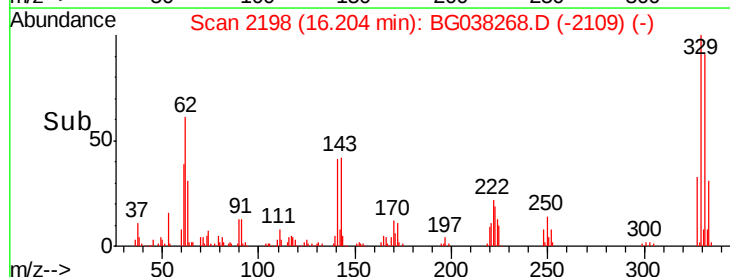
141 41.5 32.2 48.2

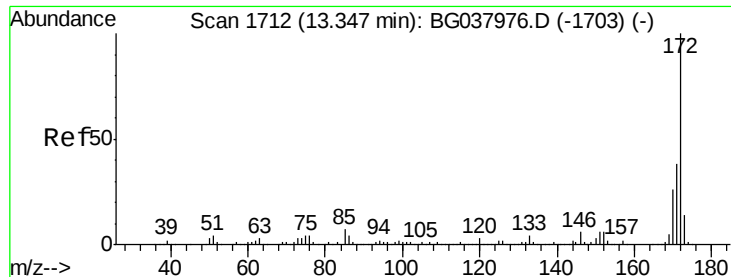


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

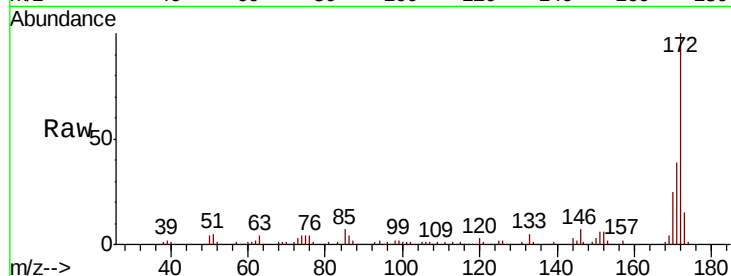




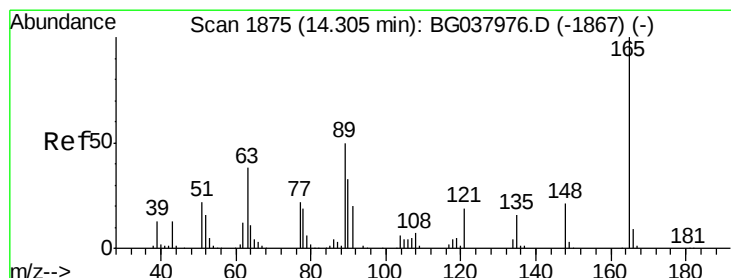
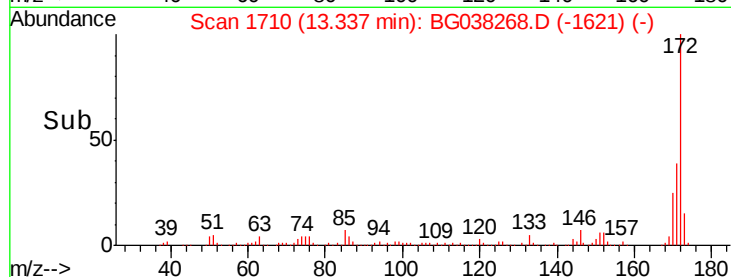
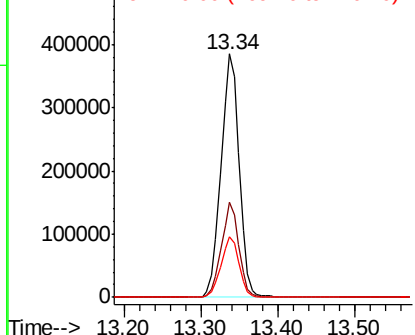
#45
 2-Fluorobiphenyl
 Concen: 95.143 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038268.D
 Acq: 30 Nov 2018 21:58

Instrument :
 BNA_G
 ClientSampleId :
 112818-TIPC-F-D-B

Tot Ion:172 Resp: 628270
 Ion Ratio Lower Upper
 172 100
 171 38.9 31.0 46.4
 170 24.9 20.2 30.2

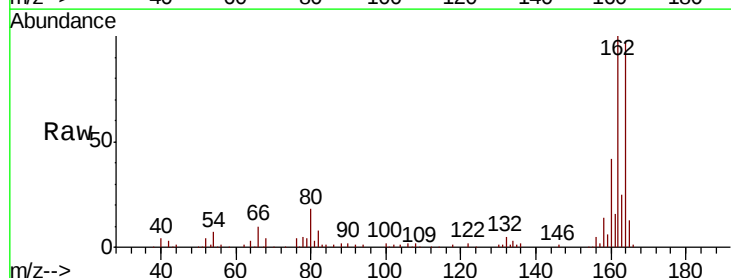


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

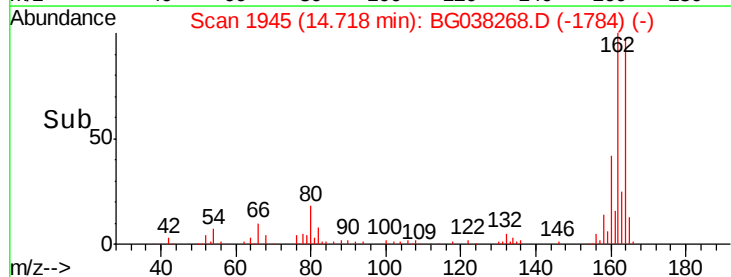
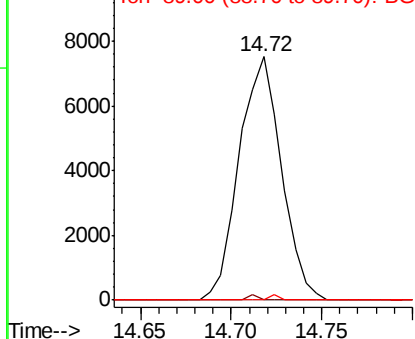


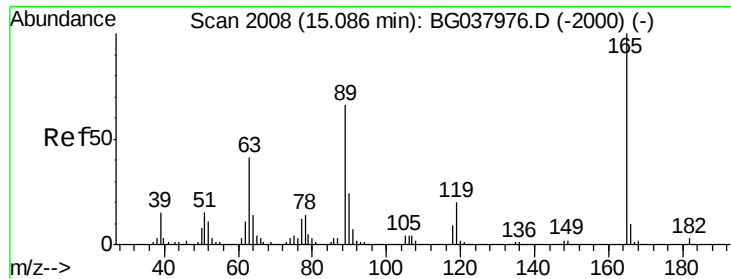
#51
 2,6-Dinitrotoluene
 Concen: 7.062 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038268.D
 Acq: 30 Nov 2018 21:58

Tgt Ion:165 Resp: 12190
 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): BG
 Ion 89.00 (88.70 to 89.70): BG

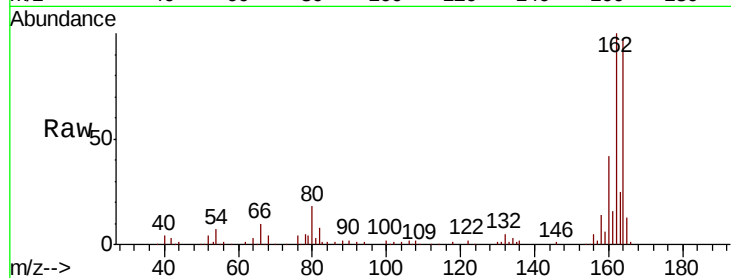




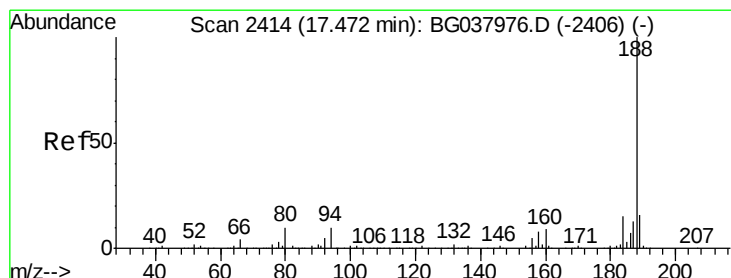
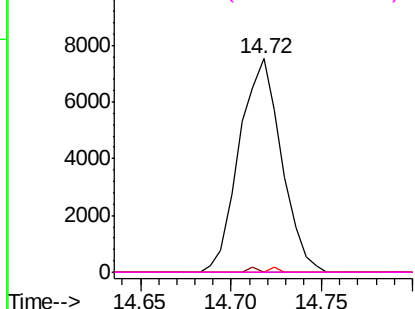
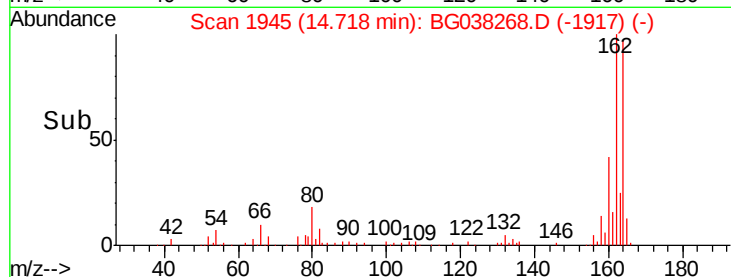
#57
 2,4-Dinitrotoluene
 Concen: 5.190 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038268.D
 Acq: 30 Nov 2018 21:58

Instrument :
 BNA_G
 ClientSampleId :
 112818-TIPC-F-D-B

Tot Ion:165	Resp:	12190
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#

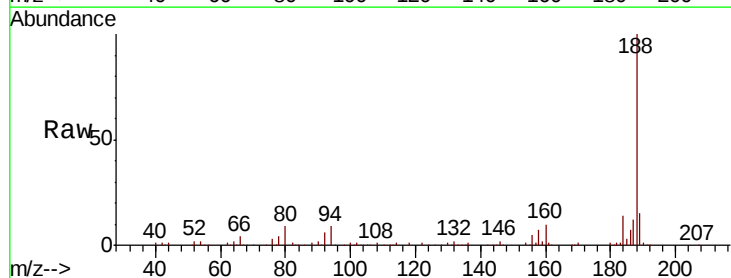


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

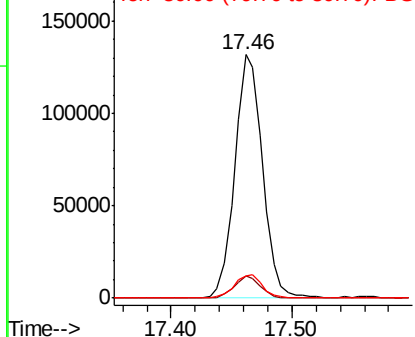
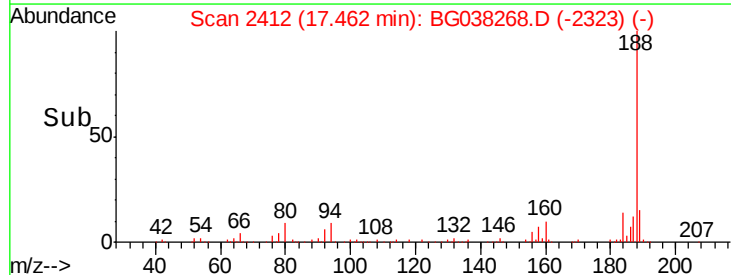


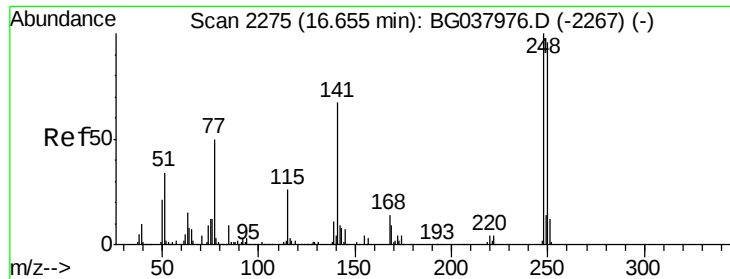
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG038268.D
 Acq: 30 Nov 2018 21:58

Tgt Ion:188	Resp:	210950
Ion	Ratio	Lower Upper
188	100	
94	9.1	7.2 10.8
80	9.3	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

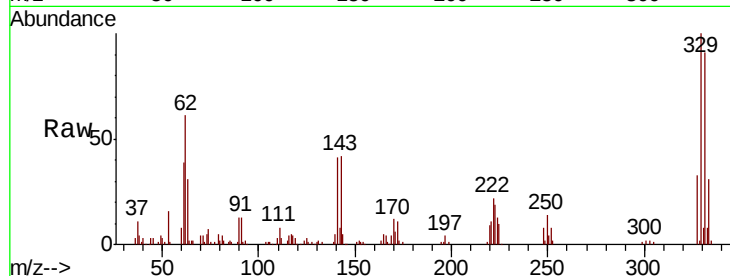




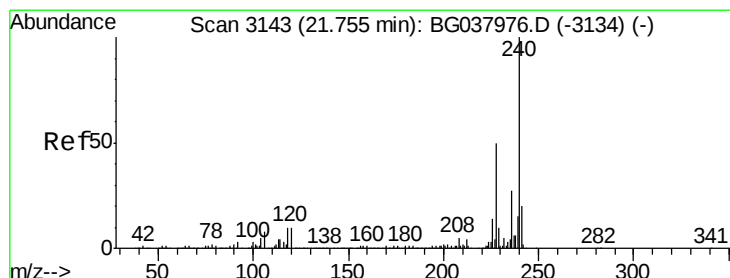
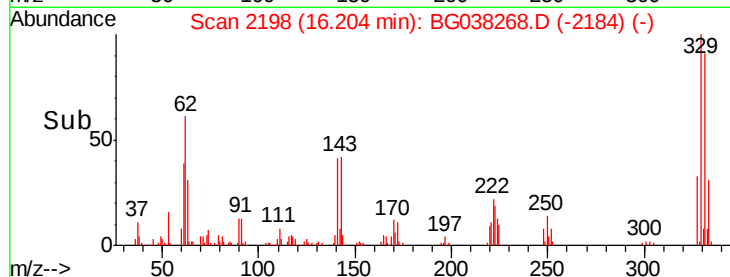
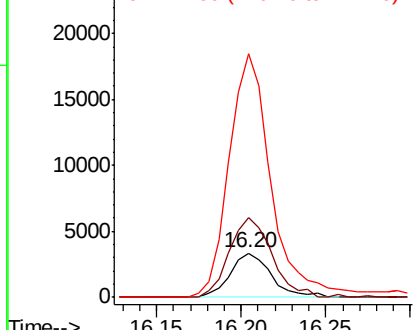
#67
4-Bromophenyl-phenylether
Concen: 2.406 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.45 min
Lab File: BG038268.D
Acq: 30 Nov 2018 21:58

Instrument :
BNA_G
ClientSampleId :
112818-TIPC-F-D-B

Tot Ion:248 Resp: 5571
Ion Ratio Lower Upper
248 100
250 181.3 77.0 115.6#
141 426.9 55.5 83.3#

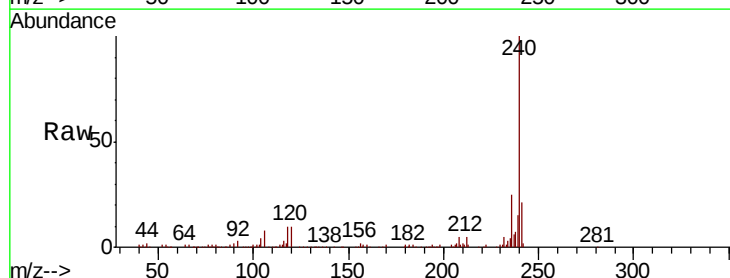


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

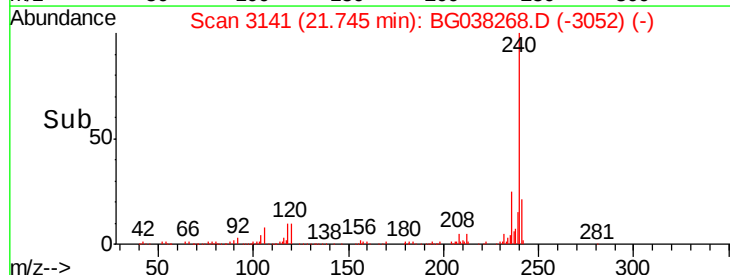
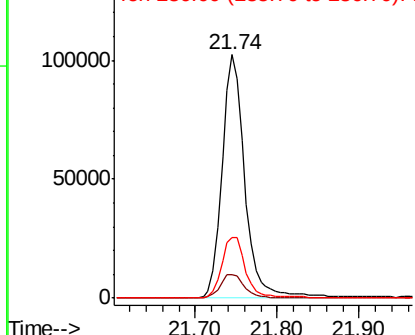


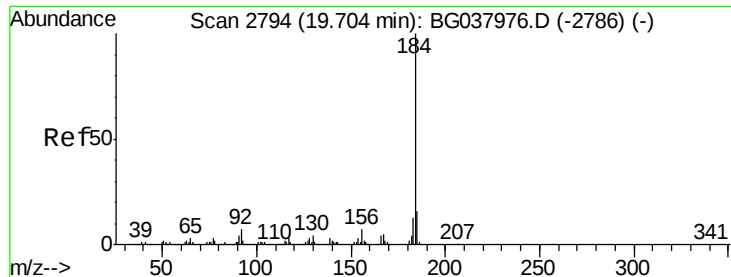
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038268.D
Acq: 30 Nov 2018 21:58

Tgt Ion:240 Resp: 199125
Ion Ratio Lower Upper
240 100
120 9.5 8.1 12.1
236 25.0 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





#77

Benzidine

Concen: 2.192 ng

RT: 20.06 min Scan# 2855

Delta R.T. 0.36 min

Lab File: BG038268.D

Acq: 30 Nov 2018 21:58

Instrument :

BNA_G

ClientSampleId :

112818-TIPC-F-D-B

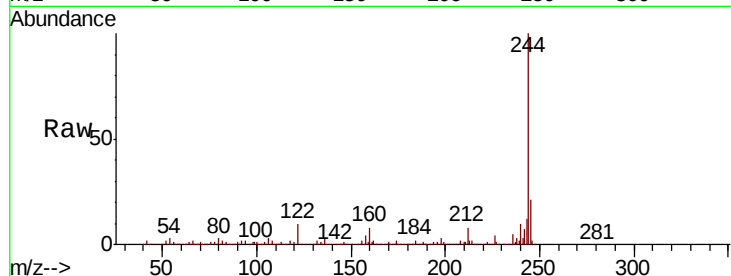
Tot Ion:184 Resp: 15315

Ion Ratio Lower Upper

184 100

185 16.5 12.6 18.8

183 6.5 10.2 15.2#

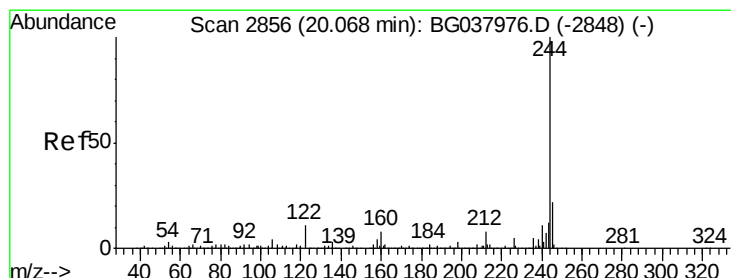
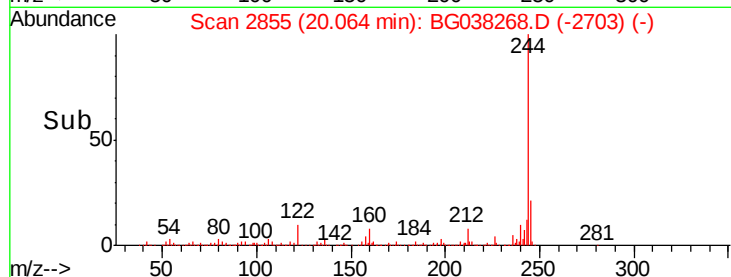
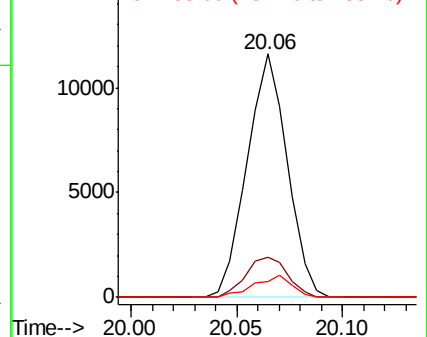


Abundance

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



#79

Terphenyl-d14

Concen: 104.444 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038268.D

Acq: 30 Nov 2018 21:58

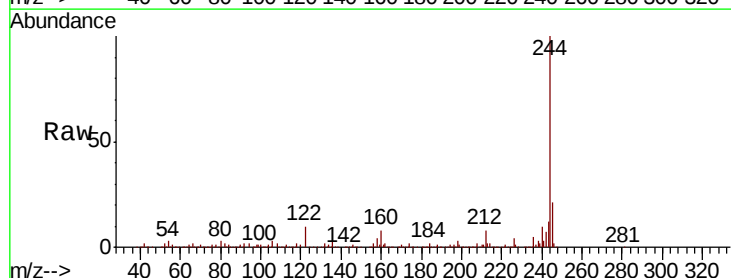
Tgt Ion:244 Resp: 883863

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 10.0 9.0 13.4

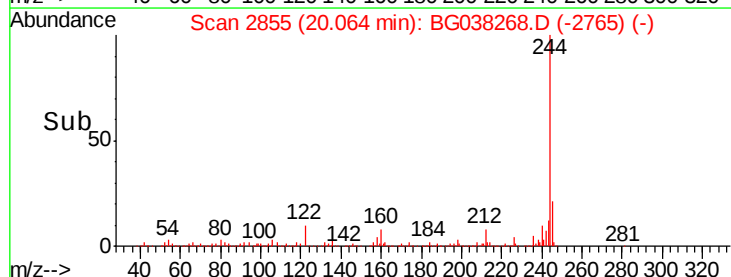
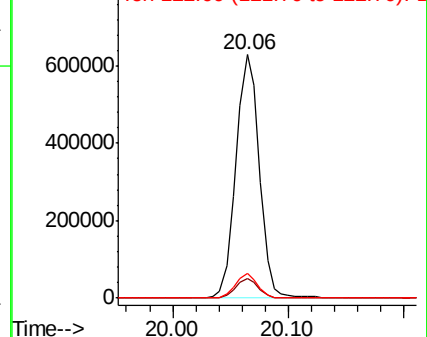


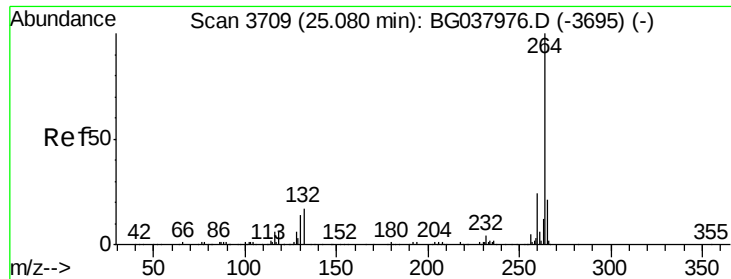
Abundance

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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG038268.D
Acq: 30 Nov 2018 21:58

Instrument :
BNA_G
ClientSampleId :
112818-TIPC-F-D-B

Tot Ion: 264 Resp: 174743

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	20.7	17.9	26.9

