

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038282.D
 Acq On : 1 Dec 2018 7:48
 Operator : JU/SJ
 Sample : J6129-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112818-CHDE-F-U-B

Quant Time: Dec 03 00:02:07 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

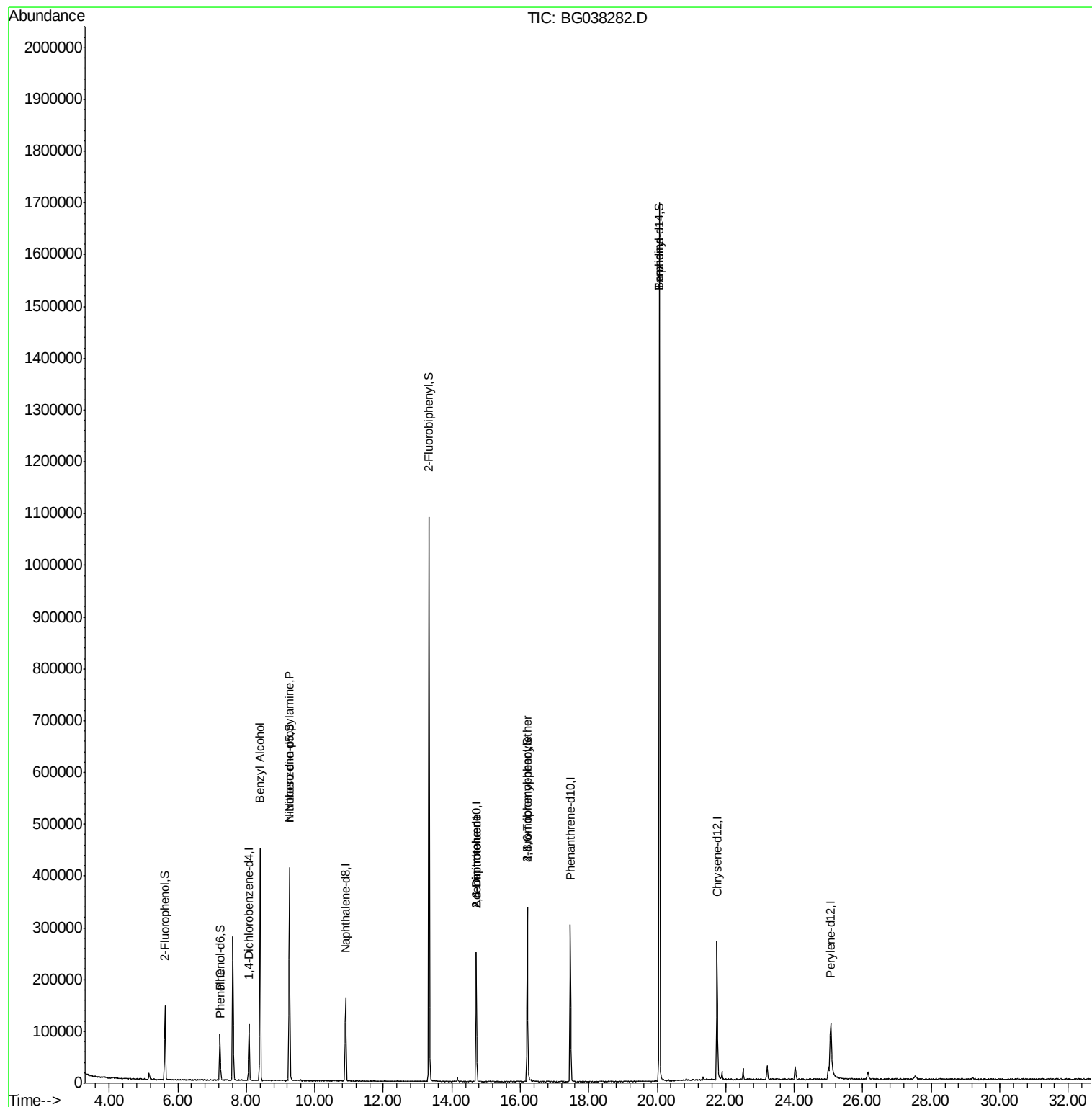
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	30868	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	139936	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	92843	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	204844	20.00	ng	0.00
76) Chrysene-d12	21.75	240	191074	20.00	ng	0.00
87) Perylene-d12	25.07	264	174343	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	64714	36.20	ng	0.00
7) Phenol-d6	7.23	99	54977	21.54	ng	0.00
23) Nitrobenzene-d5	9.26	82	257353	98.45	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	66506	62.81	ng	-0.01
45) 2-Fluorobiphenyl	13.34	172	594785	93.33	ng	0.00
79) Terphenyl-d14	20.06	244	855416	105.34	ng	0.00
Target Compounds						
10) Phenol	7.25	94	7055	2.610	ng	88
15) Benzyl Alcohol	8.40	79	3745	2.028	ng	# 60
19) n-Nitroso-di-n-propylamine	9.26	70	33561	18.175	ng	# 73
51) 2,6-Dinitrotoluene	14.72	165	11787	7.076	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	11787	5.200	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	4807	2.138	ng	# 1
77) Benizidine	20.06	184	14931	2.227	ng	# 96

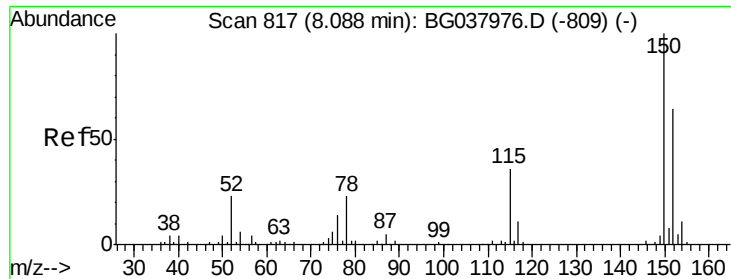
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
Data File : BG038282.D
Acq On : 1 Dec 2018 7:48
Operator : JU/SJ
Sample : J6129-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
112818-CHDE-F-U-B

Quant Time: Dec 03 00:02:07 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.01 min

Lab File: BG038282.D

Acq: 1 Dec 2018 7:48

Instrument :

BNA_G

ClientSampleId :

112818-CHDE-F-U-B

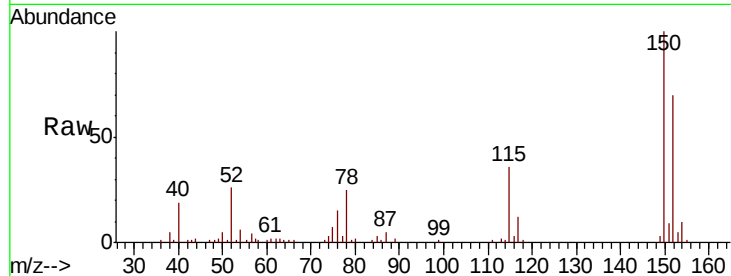
Tot Ion:152 Resp: 30868

Ion Ratio Lower Upper

152 100

150 143.8 126.0 189.0

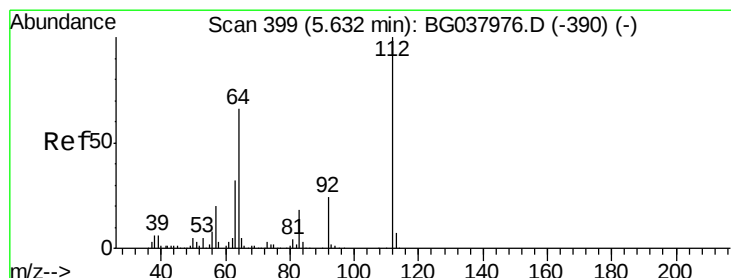
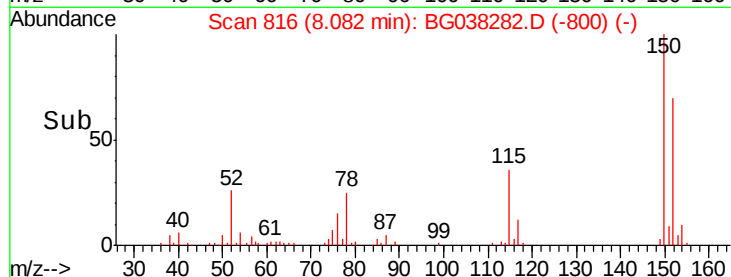
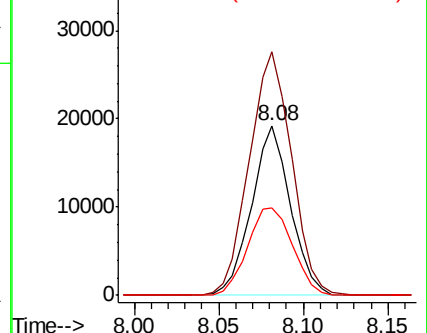
115 51.5 45.5 68.3



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: 36.197 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.01 min

Lab File: BG038282.D

Acq: 1 Dec 2018 7:48

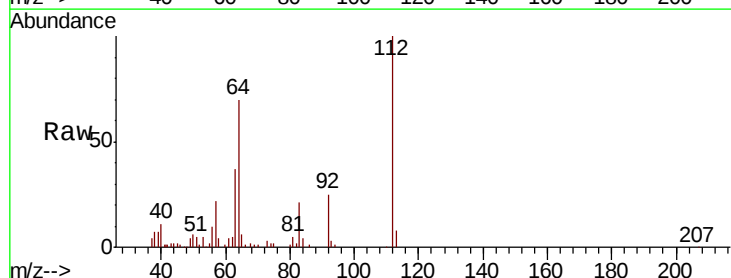
Tgt Ion:112 Resp: 64714

Ion Ratio Lower Upper

112 100

64 69.8 53.1 79.7

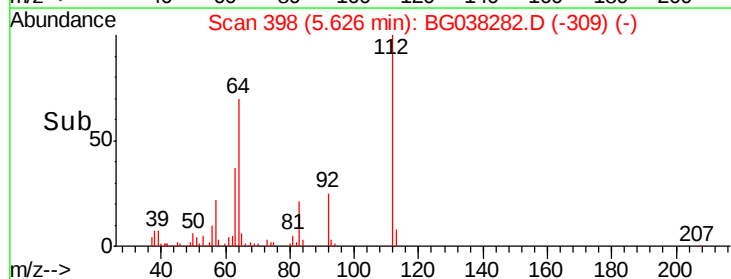
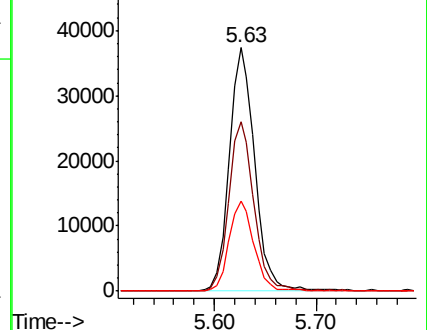
63 36.7 27.3 40.9



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: 21.543 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038282.D

Acq: 1 Dec 2018 7:48

Instrument :

BNA_G

ClientSampleId :

112818-CHDE-F-U-B

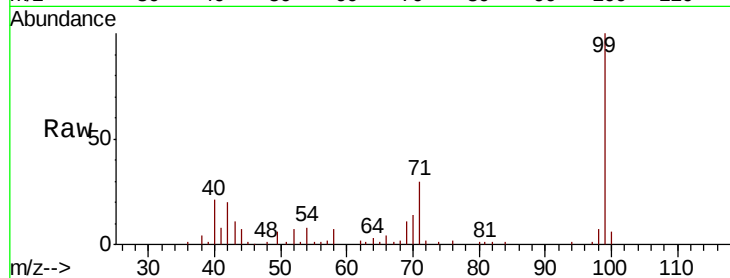
Tot Ion: 99 Resp: 54977

Ion Ratio Lower Upper

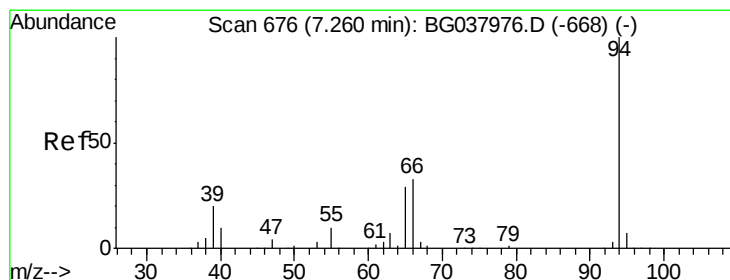
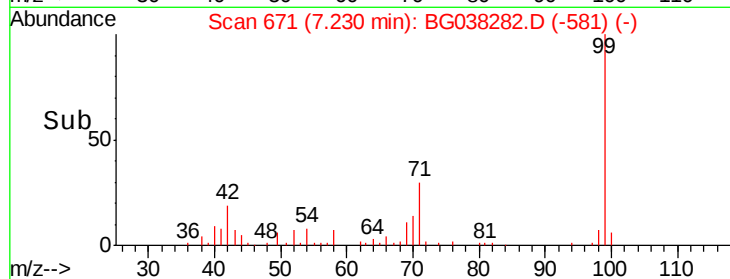
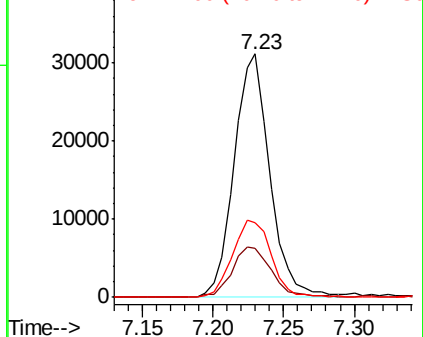
99 100

42 20.0 15.0 22.4

71 30.4 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: 2.610 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038282.D

Acq: 1 Dec 2018 7:48

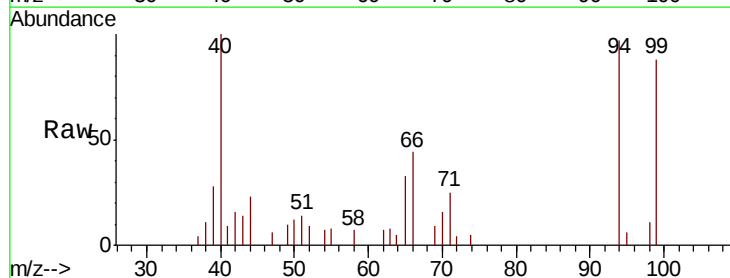
Tgt Ion: 94 Resp: 7055

Ion Ratio Lower Upper

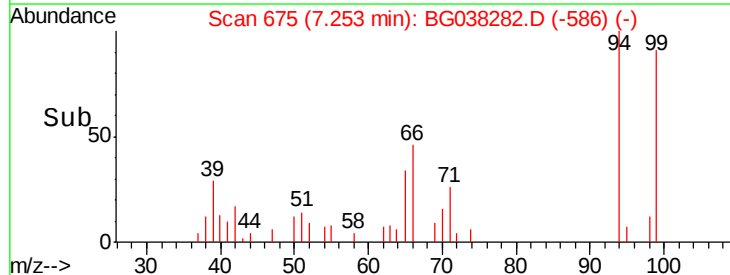
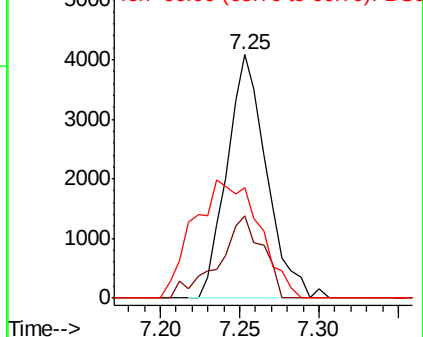
94 100

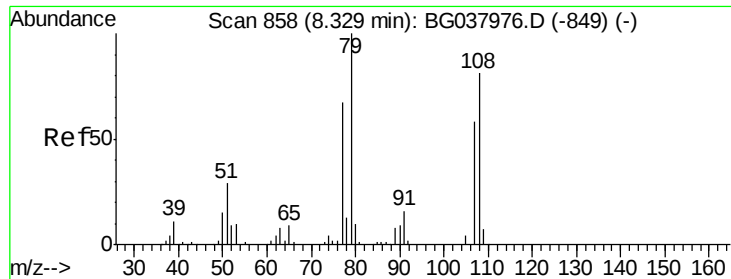
65 33.7 9.7 49.7

66 45.5 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

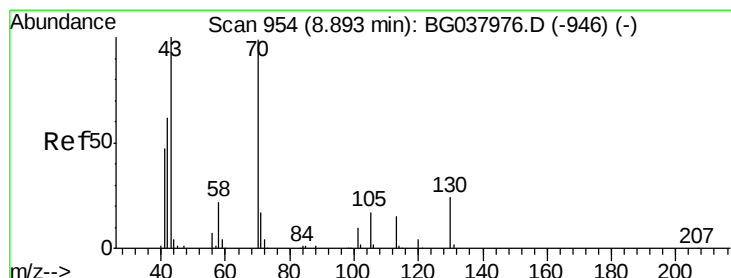
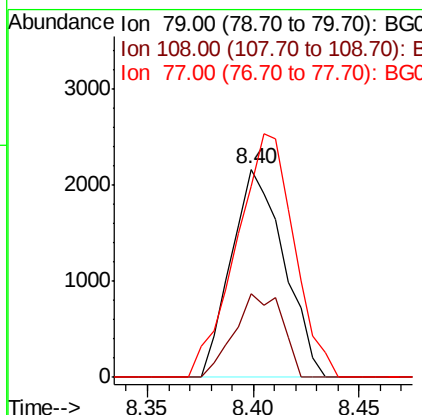
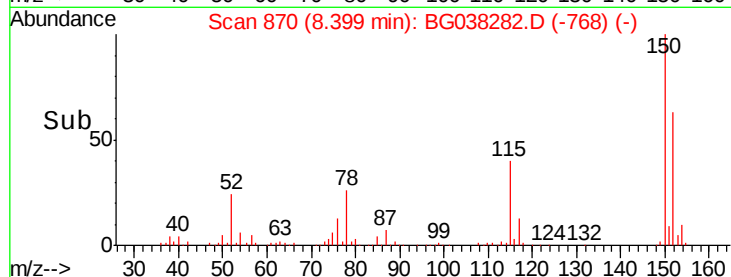
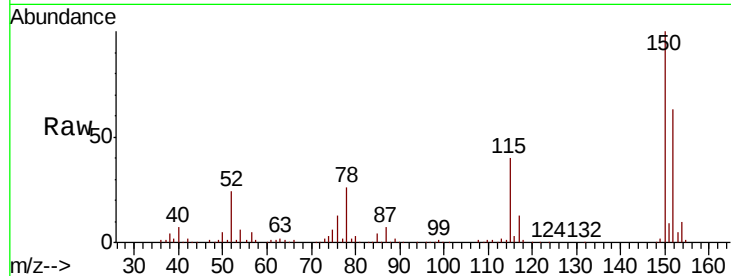




#15
Benzyl Alcohol
Concen: 2.028 ng
RT: 8.40 min Scan# 870
Delta R.T. 0.07 min
Lab File: BG038282.D
Acq: 1 Dec 2018 7:48

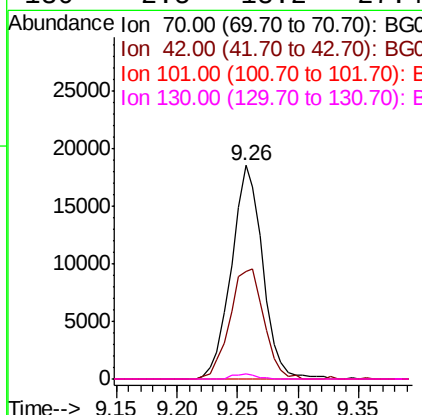
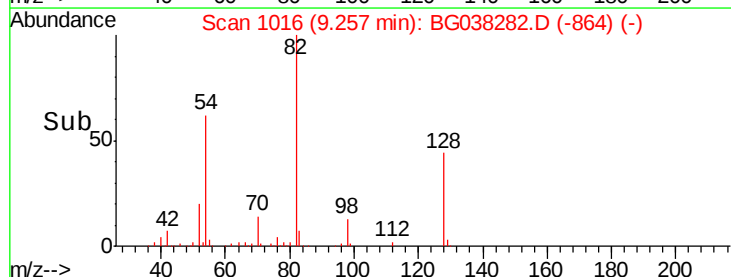
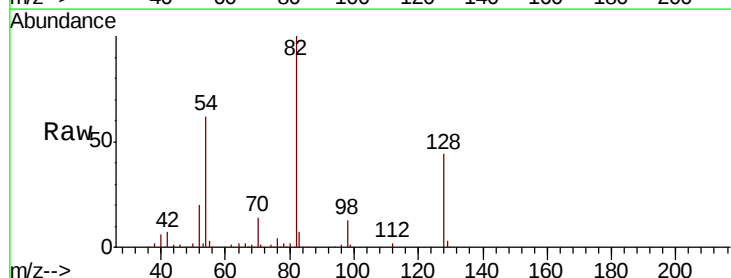
Instrument :
BNA_G
ClientSampleId :
112818-CHDE-F-U-B

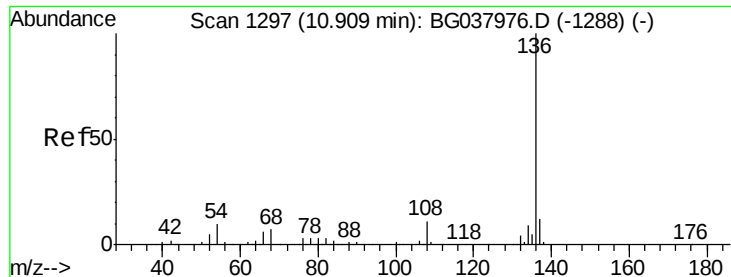
Tot Ion: 79 Resp: 3745
Ion Ratio Lower Upper
79 100
108 40.2 65.8 98.8#
77 91.6 52.9 79.3#



#19
n-Nitroso-di-n-propylamine
Concen: 18.175 ng
RT: 9.26 min Scan# 1016
Delta R.T. 0.36 min
Lab File: BG038282.D
Acq: 1 Dec 2018 7:48

Tgt Ion: 70 Resp: 33561
Ion Ratio Lower Upper
70 100
42 50.1 53.9 80.9#
101 0.0 8.2 12.2#
130 2.5 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038282.D

Acq: 1 Dec 2018 7:48

Instrument :

BNA_G

ClientSampleId :

112818-CHDE-F-U-B

Tot Ion:136 Resp: 139936

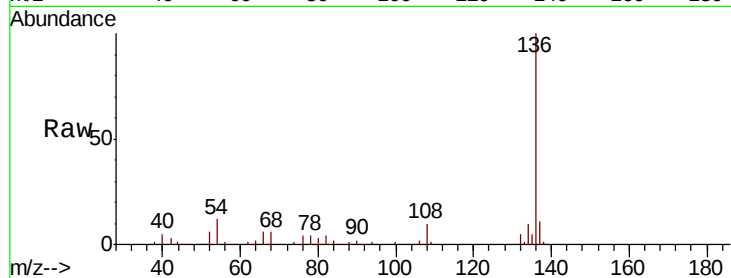
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 11.6 7.9 11.9

68 6.0 4.8 7.2

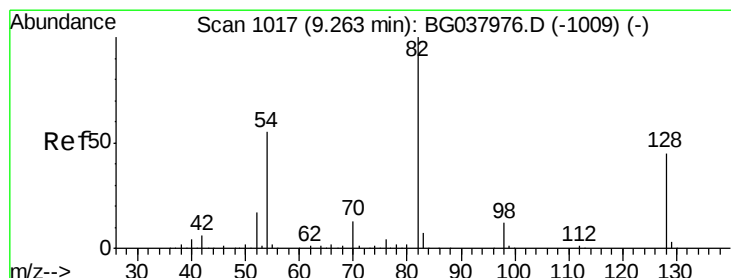
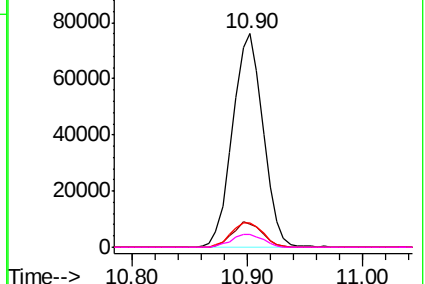
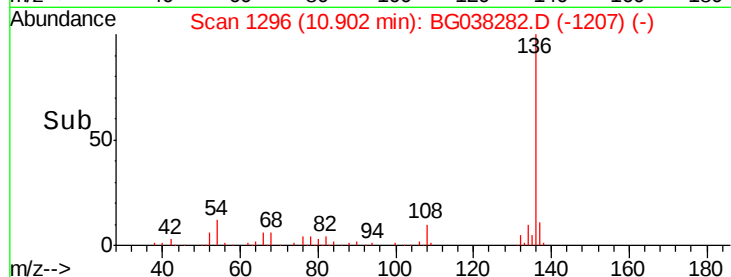


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.446 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG038282.D

Acq: 1 Dec 2018 7:48

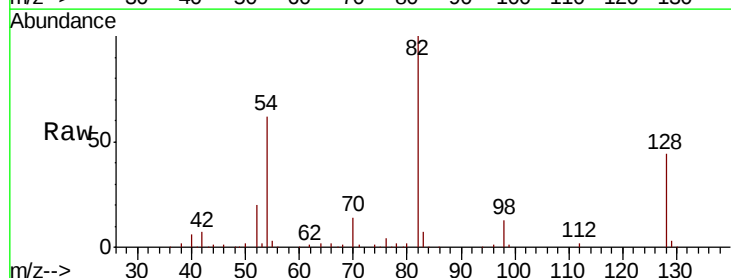
Tgt Ion: 82 Resp: 257353

Ion Ratio Lower Upper

82 100

128 44.0 34.6 51.8

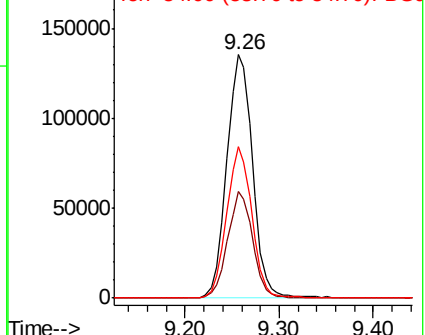
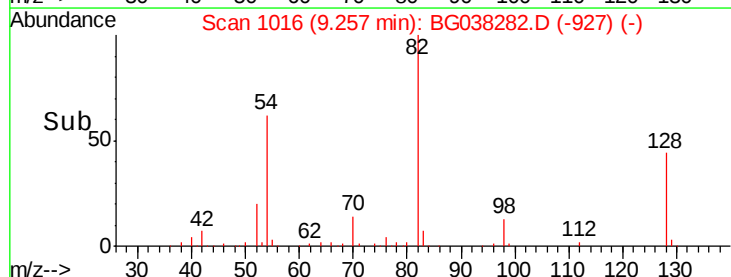
54 62.0 45.3 67.9

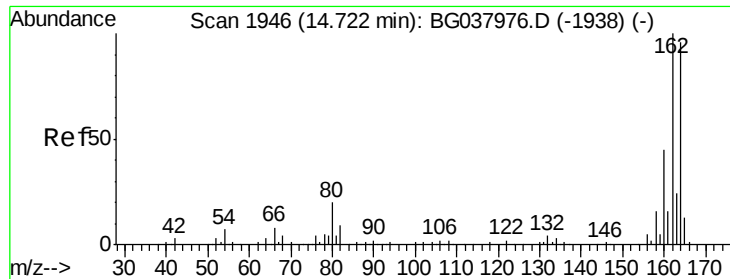


Abundance Ion 82.00 (81.70 to 82.70): BGC

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. -0.01 min

Lab File: BG038282.D

Acq: 1 Dec 2018 7:48

Instrument :

BNA_G

ClientSampleId :

112818-CHDE-F-U-B

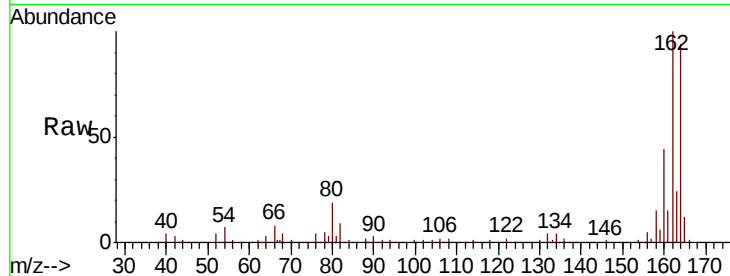
Tot Ion:164 Resp: 92843

Ion Ratio Lower Upper

164 100

162 106.2 81.3 121.9

160 47.2 36.3 54.5

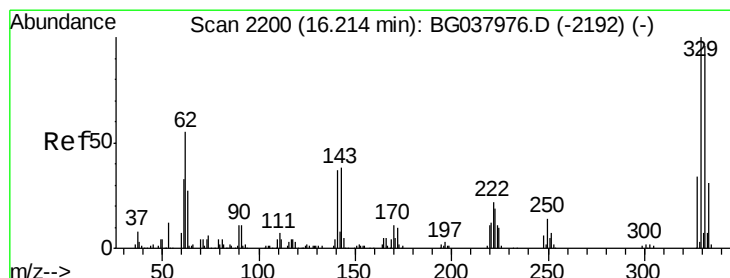
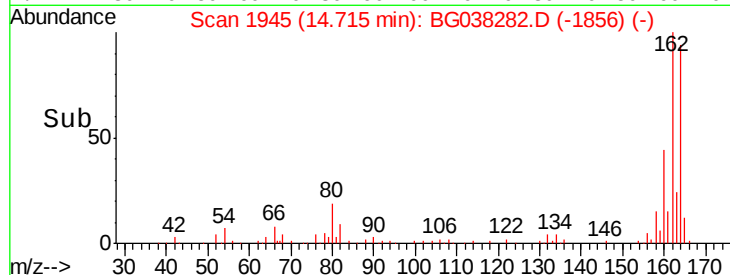
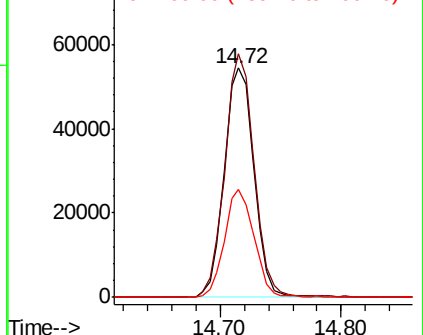


Abundance

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: 62.810 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038282.D

Acq: 1 Dec 2018 7:48

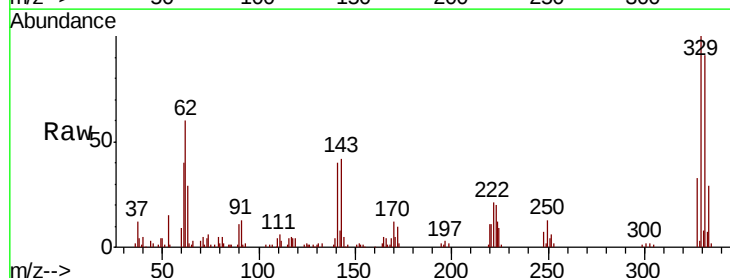
Tgt Ion:330 Resp: 66506

Ion Ratio Lower Upper

330 100

332 94.5 78.4 117.6

141 40.3 32.2 48.2

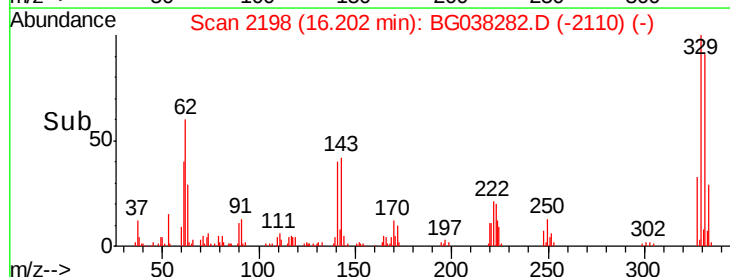
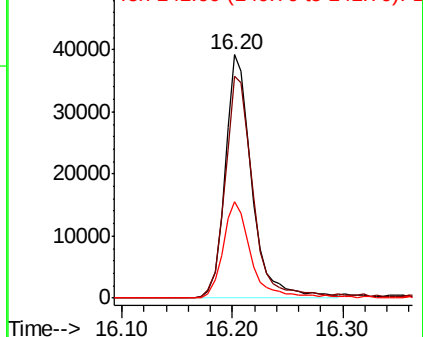


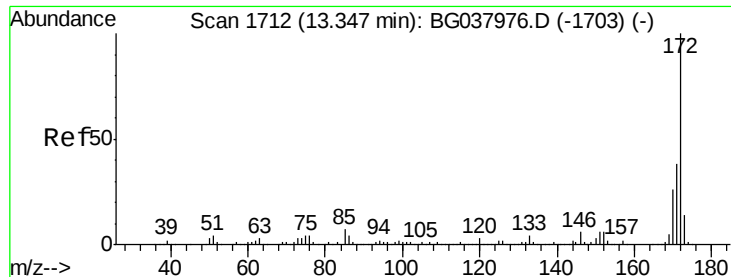
Abundance

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

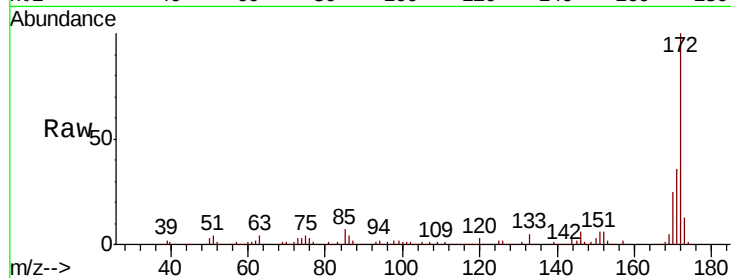




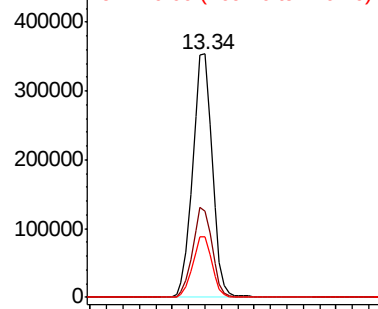
#45
 2-Fluorobiphenyl
 Concen: 93.331 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038282.D
 Acq: 1 Dec 2018 7:48

Instrument :
 BNA_G
 ClientSampleId :
 112818-CHDE-F-U-B

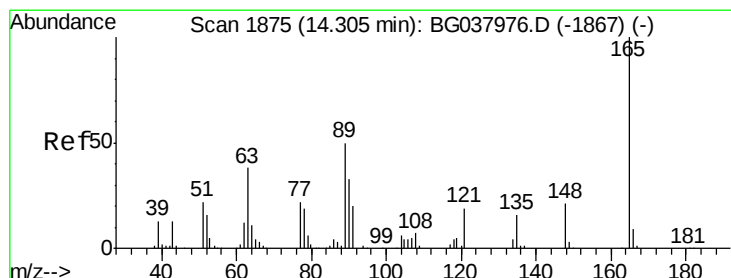
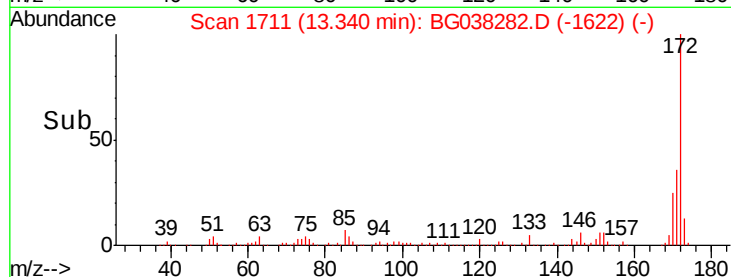
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	31.0	46.4
170	24.7	20.2	30.2



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

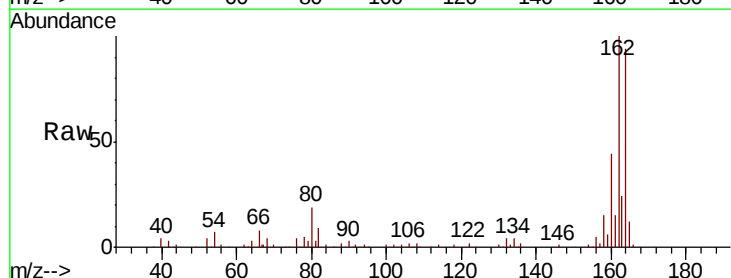


Time--> 13.20 13.30 13.40 13.50

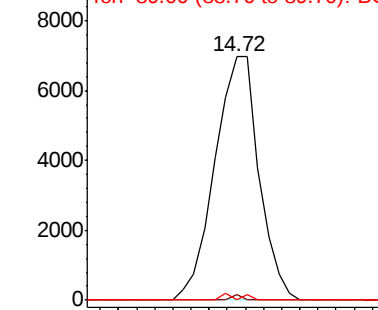


#51
 2,6-Dinitrotoluene
 Concen: 7.076 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038282.D
 Acq: 1 Dec 2018 7:48

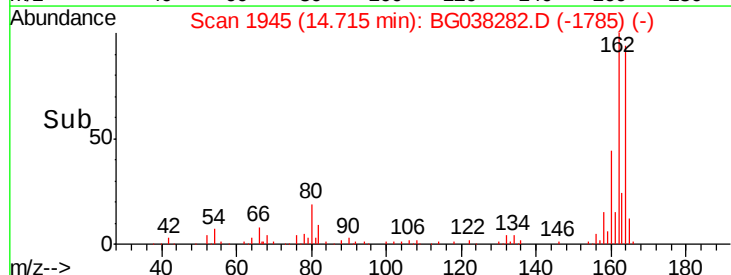
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	43.4	65.2#
89	0.0	45.8	68.6#

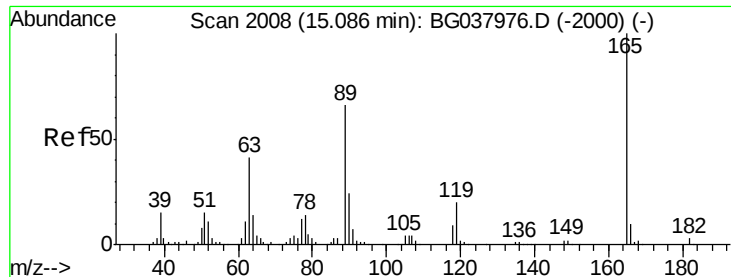


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG



Time--> 14.65 14.70 14.75

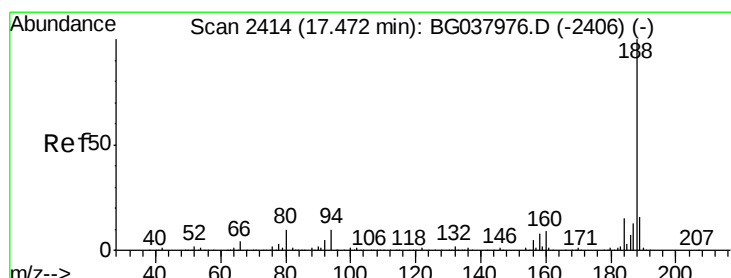
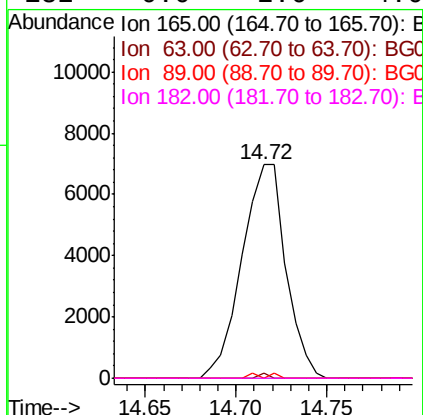
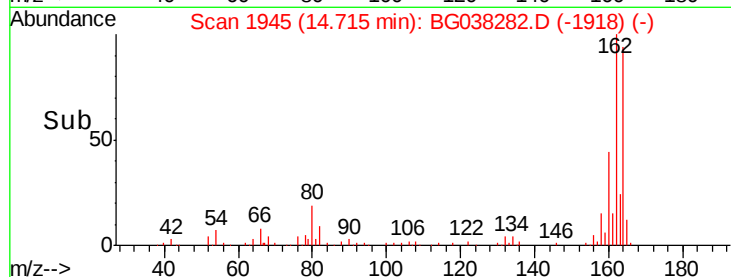
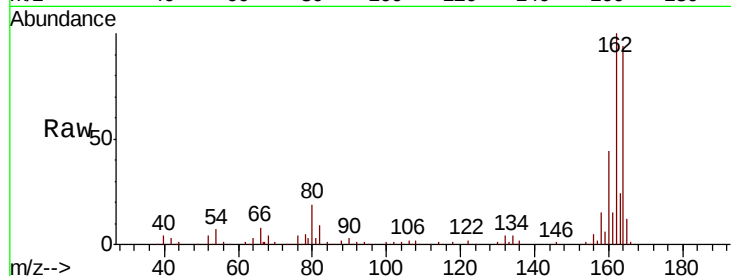




#57
 2,4-Dinitrotoluene
 Concen: 5.200 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038282.D
 Acq: 1 Dec 2018 7:48

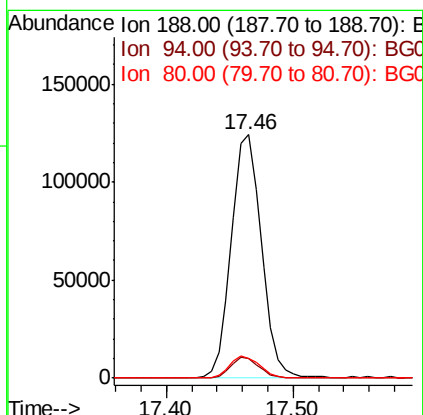
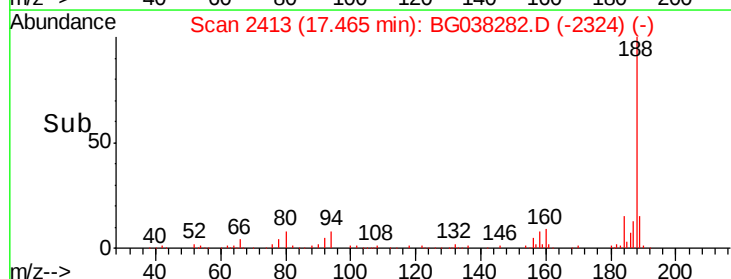
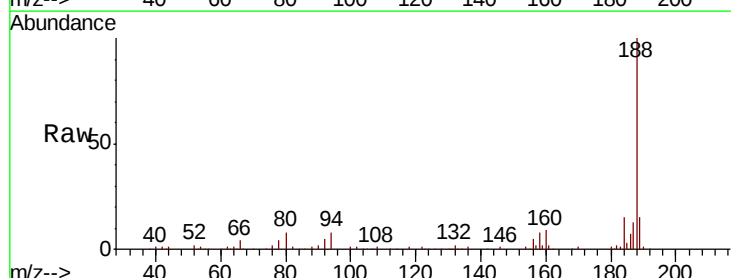
Instrument :
 BNA_G
 ClientSampleId :
 112818-CHDE-F-U-B

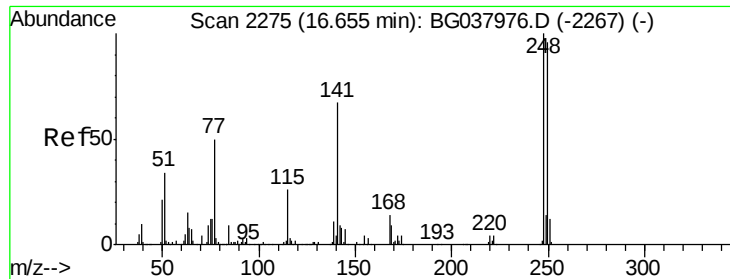
Tot Ion:165	Resp:	11787
Ion Ratio	Lower	Upper
165	100	
63	2.4	33.4 50.0#
89	0.0	57.2 85.8#
182	0.0	2.6 4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038282.D
 Acq: 1 Dec 2018 7:48

Tgt Ion:188	Resp:	204844
Ion Ratio	Lower	Upper
188	100	
94	8.0	7.2 10.8
80	8.2	7.7 11.5

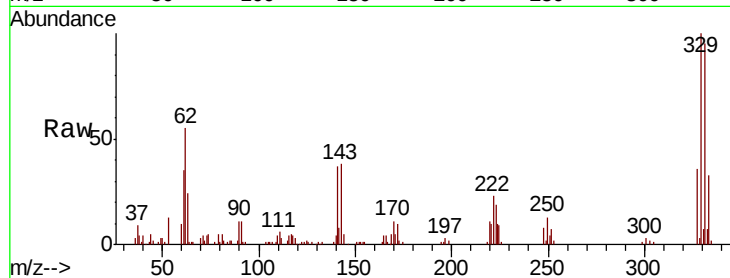




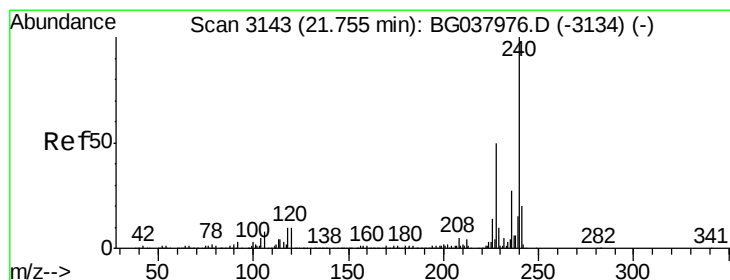
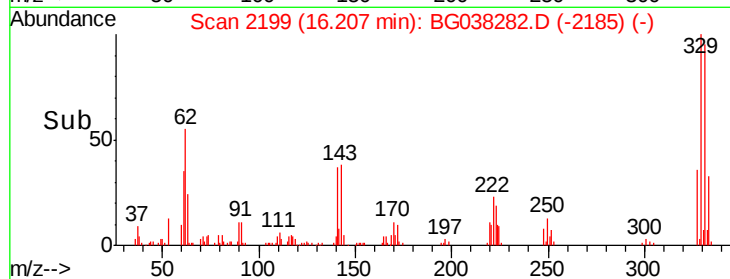
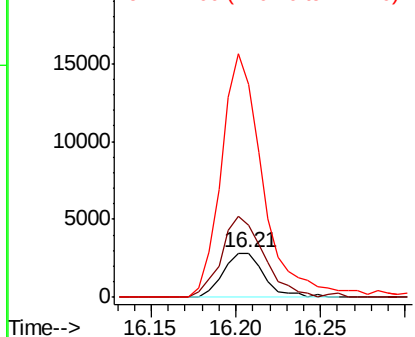
#67
4-Bromophenyl-phenylether
Concen: 2.138 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG038282.D
Acq: 1 Dec 2018 7:48

Instrument :
BNA_G
ClientSampleId :
112818-CHDE-F-U-B

Tot Ion:248 Resp: 4807
Ion Ratio Lower Upper
248 100
250 167.7 77.0 115.6#
141 364.5 55.5 83.3#

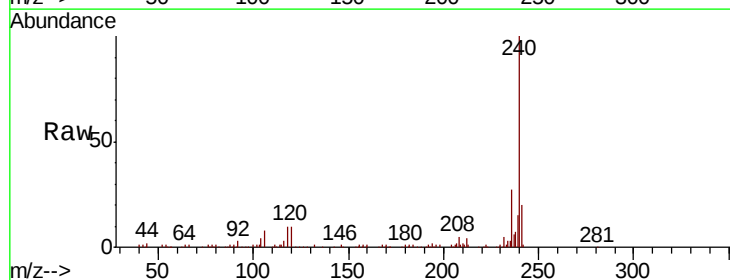


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

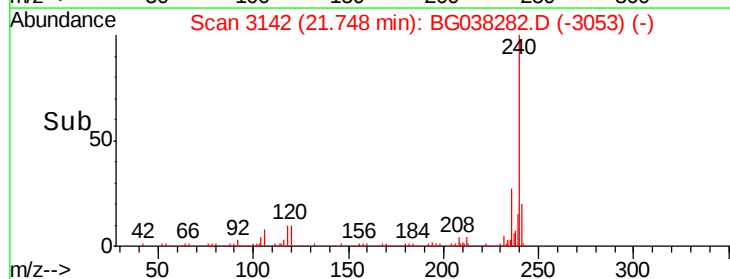
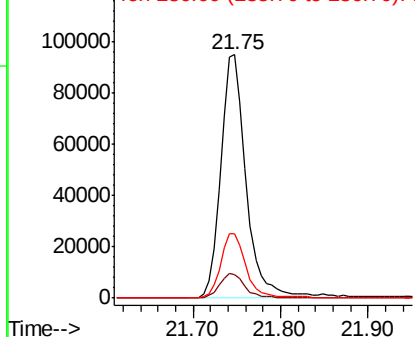


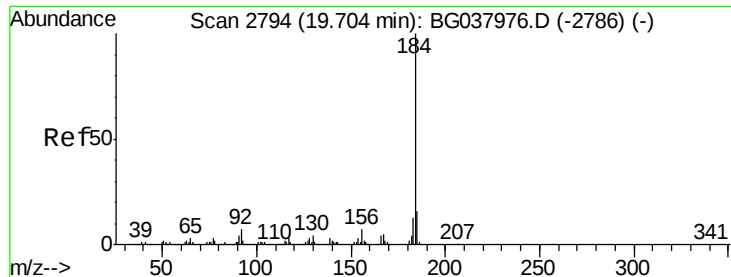
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038282.D
Acq: 1 Dec 2018 7:48

Tgt Ion:240 Resp: 191074
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 26.6 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: 2.227 ng

RT: 20.06 min Scan# 2855

Delta R.T. 0.36 min

Lab File: BG038282.D

Acq: 1 Dec 2018 7:48

Instrument :

BNA_G

ClientSampleId :

112818-CHDE-F-U-B

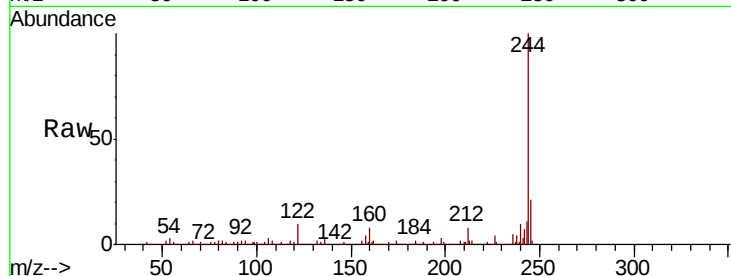
Tot Ion:184 Resp: 14931

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

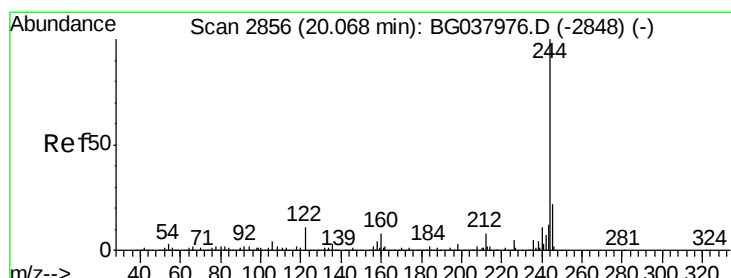
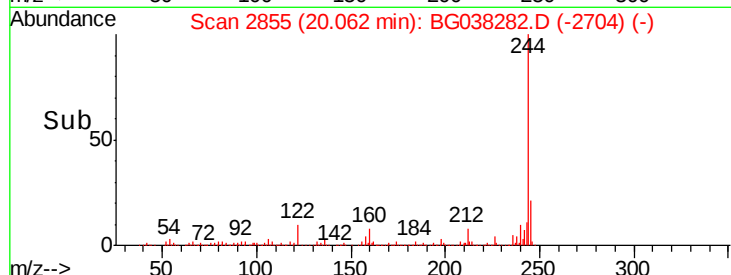
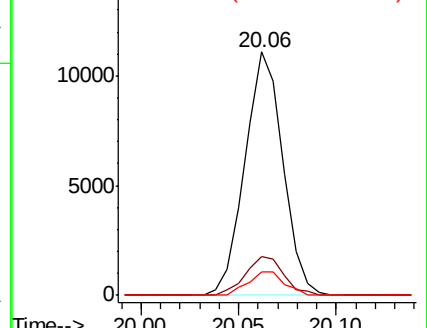
183 9.5 10.2 15.2#



Abundance Ion 184.00 (183.70 to 184.70): E

15000 Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 105.341 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038282.D

Acq: 1 Dec 2018 7:48

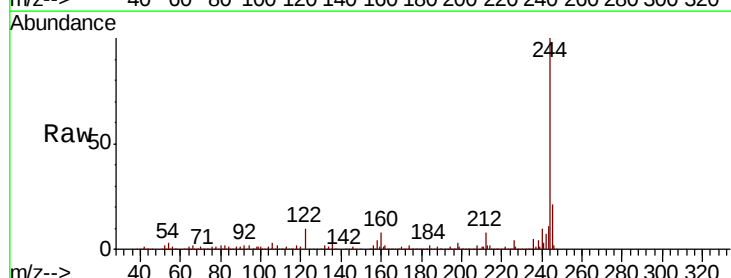
Tgt Ion:244 Resp: 855416

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

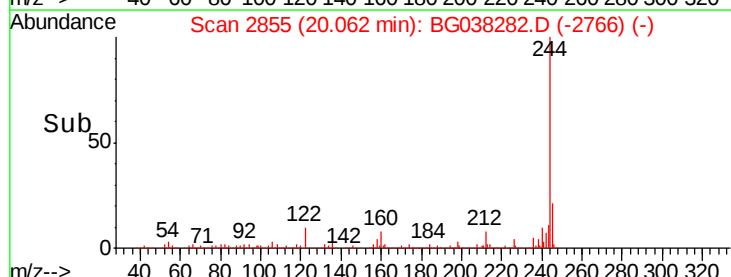
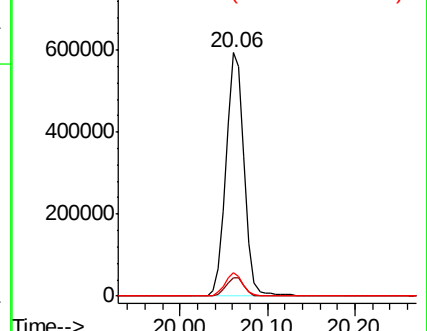
122 9.5 9.0 13.4

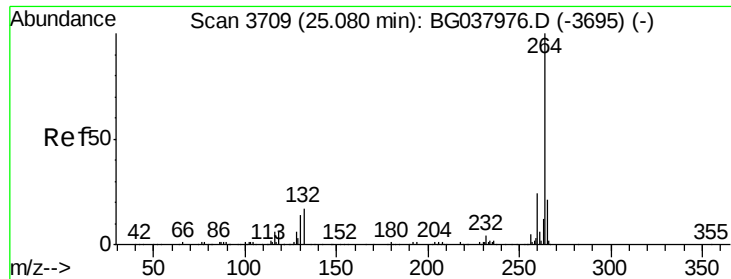


Abundance Ion 244.00 (243.70 to 244.70): E

800000 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: BG038282.D
Acq: 1 Dec 2018 7:48

Instrument :
BNA_G
ClientSampleId :
112818-CHDE-F-U-B

Tot Ion:264 Resp: 174343
Ion Ratio Lower Upper
264 100
260 22.9 18.2 27.4
265 20.7 17.9 26.9

