

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
 Data File : BG037157.D
 Acq On : 4 Oct 2018 16:13
 Operator : JU/SJ
 Sample : J5218-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Oct 04 17:40:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

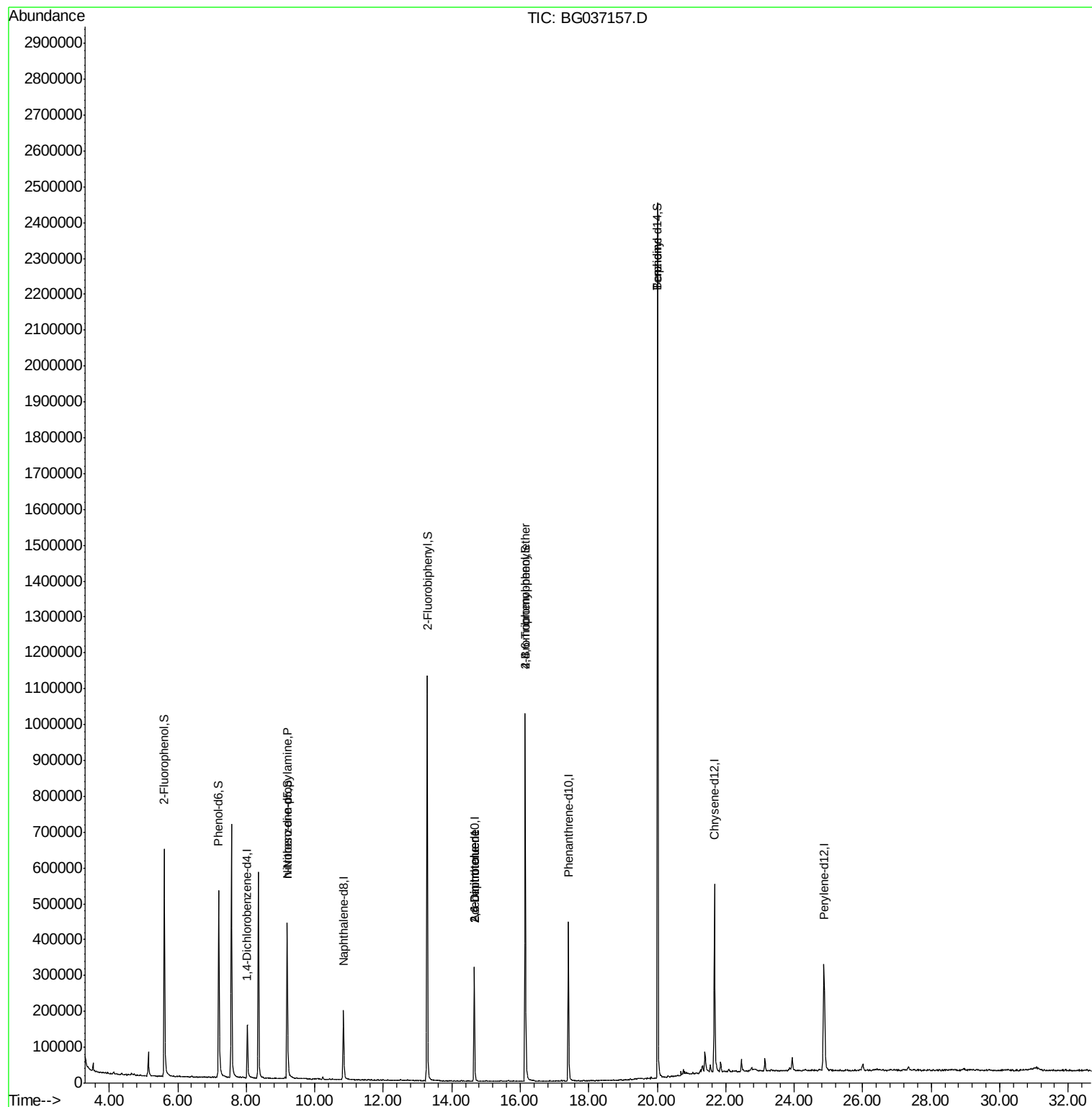
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	48132	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	187667	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	115554	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	313150	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	341362	20.00	ng	-0.02
86) Perylene-d12	24.87	264	331646	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	291848	116.28	ng	-0.01
7) Phenol-d6	7.19	99	338965	87.29	ng	-0.02
23) Nitrobenzene-d5	9.19	82	317931	90.72	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	200003	144.66	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	632550	81.53	ng	-0.02
78) Terphenyl-d14	20.02	244	1242828	95.73	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	42545	13.171	ng	# 69
50) 2,6-Dinitrotoluene	14.66	165	14243	7.018	ng	# 22
56) 2,4-Dinitrotoluene	14.66	165	14243	5.030	ng	# 20
66) 4-Bromophenyl-phenylether	16.14	248	14206	3.988	ng	# 1
76) Benzidine	20.01	184	21713	2.104	ng	# 95

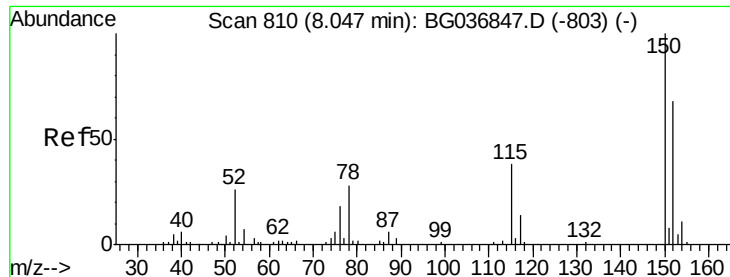
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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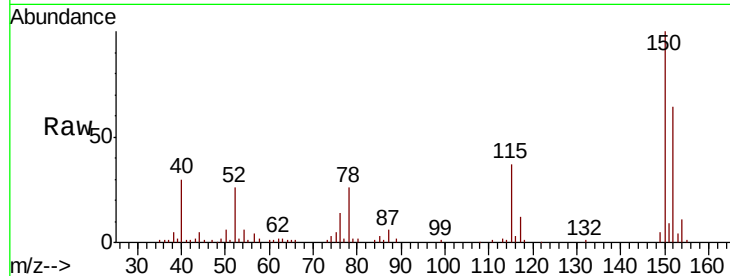


#1

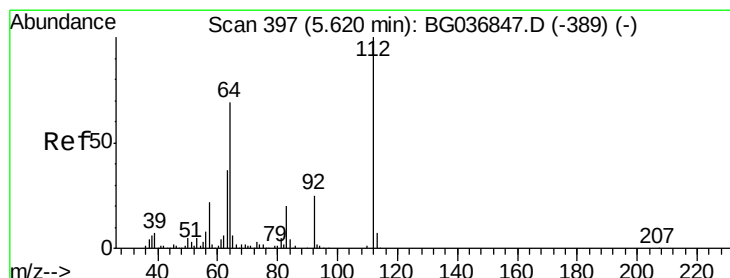
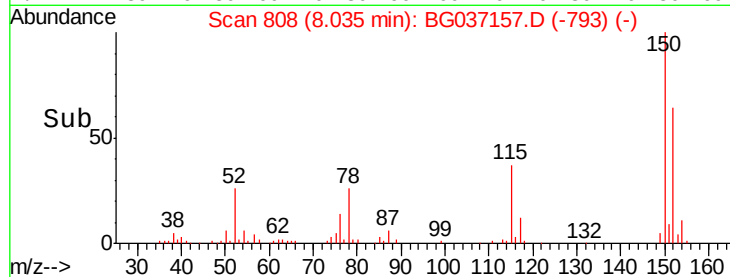
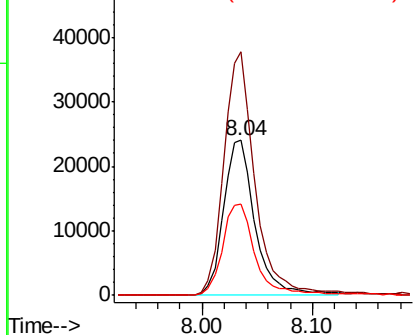
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037157.D
Acq: 4 Oct 2018 16:13

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tot Ion:152 Resp: 48132
Ion Ratio Lower Upper
152 100
150 156.9 119.5 179.3
115 58.5 44.5 66.7



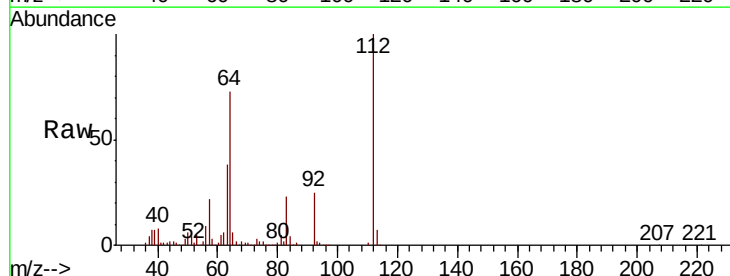
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



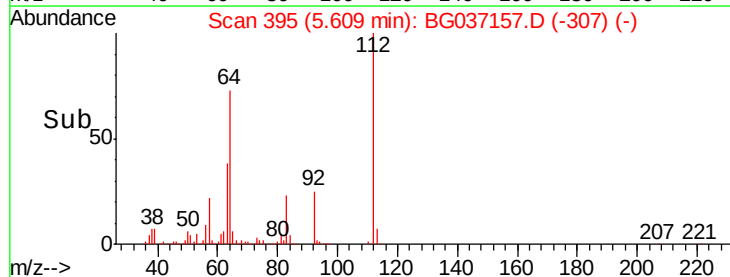
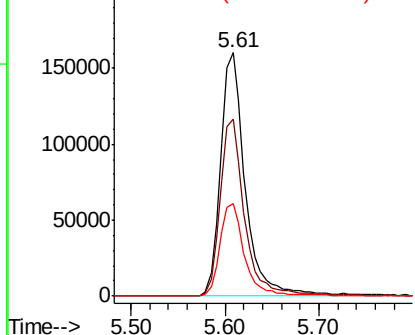
#5

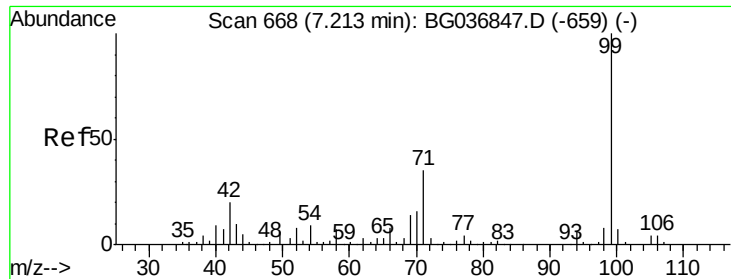
2-Fluorophenol
Concen: 116.285 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037157.D
Acq: 4 Oct 2018 16:13

Tgt Ion:112 Resp: 291848
Ion Ratio Lower Upper
112 100
64 72.9 57.2 85.8
63 38.1 30.8 46.2



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: 87.294 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037157.D

Acq: 4 Oct 2018 16:13

Instrument :

BNA_G

ClientSampleId :

DFTPP

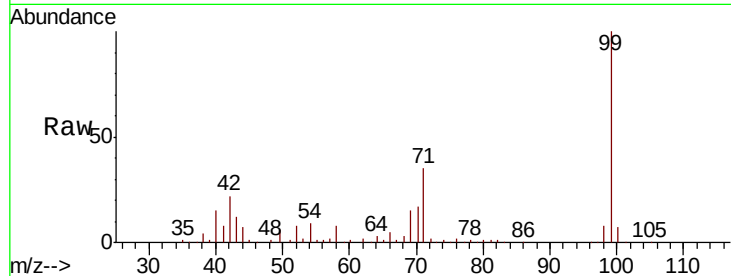
Tot Ion: 99 Resp: 338965

Ion Ratio Lower Upper

99 100

42 21.5 16.5 24.7

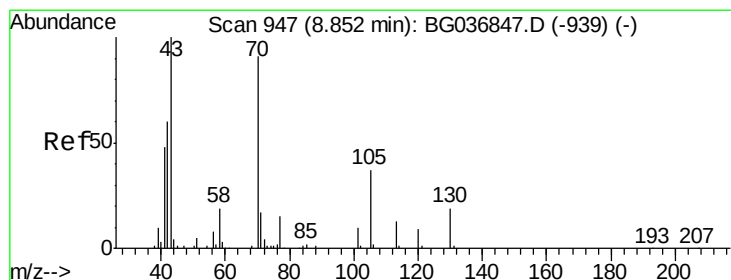
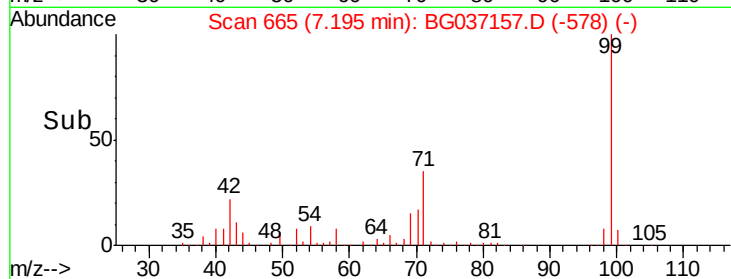
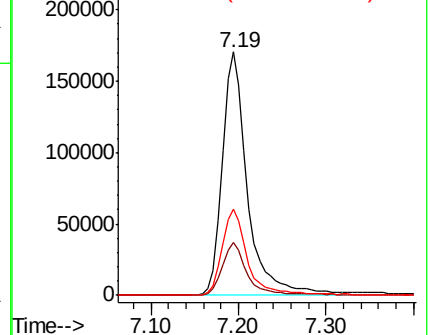
71 35.3 29.4 44.2



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: 13.171 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.34 min

Lab File: BG037157.D

Acq: 4 Oct 2018 16:13

Tgt Ion: 70 Resp: 42545

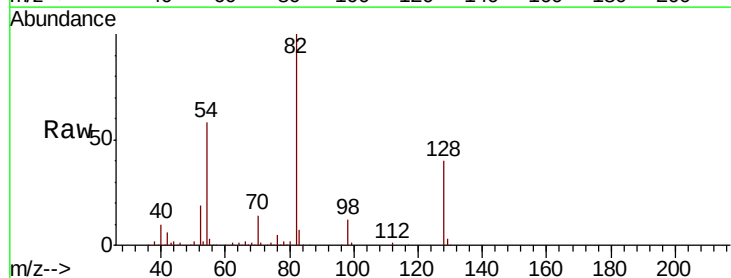
Ion Ratio Lower Upper

70 100

42 46.9 56.2 84.4#

101 0.0 7.8 11.6#

130 1.7 16.2 24.2#

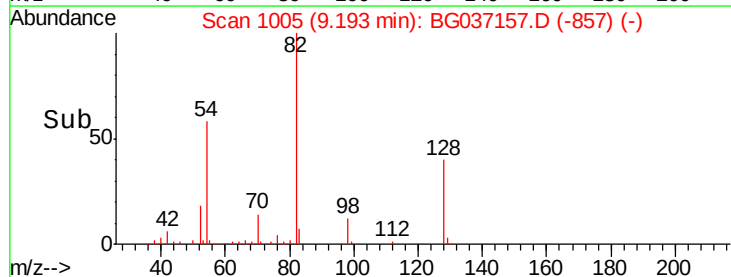
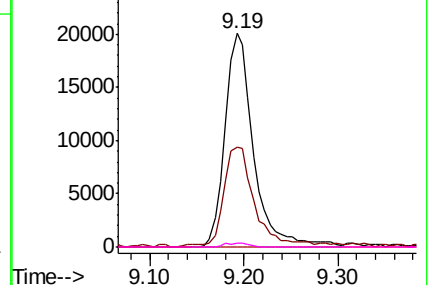


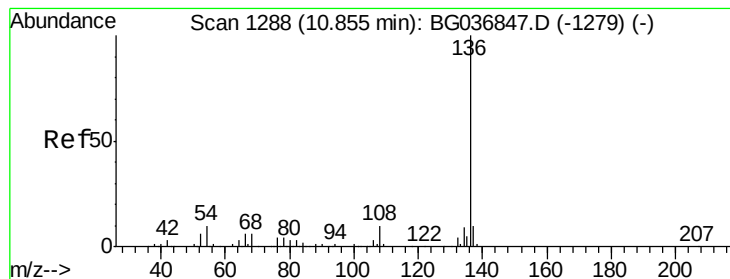
Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 10.84 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BG037157.D

Acq: 4 Oct 2018 16:13

Instrument :

BNA_G

ClientSampleId :

DFTPP

Tot Ion:136 Resp: 187667

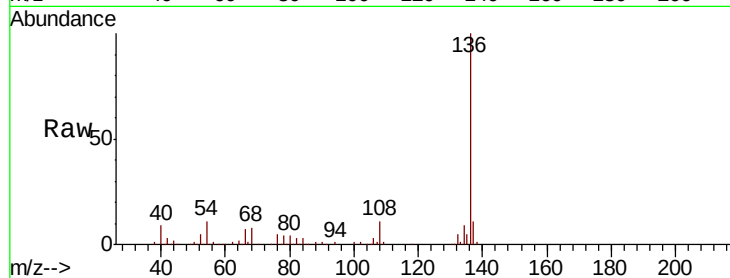
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 11.3 9.2 13.8

68 7.5 5.8 8.6

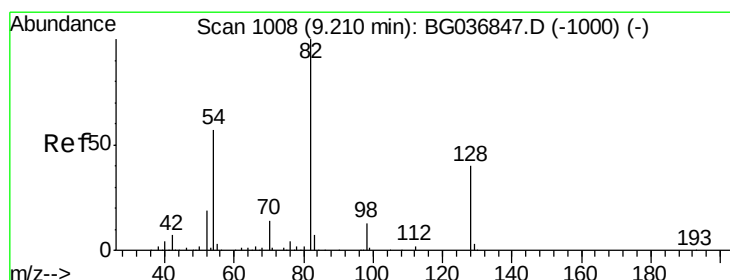
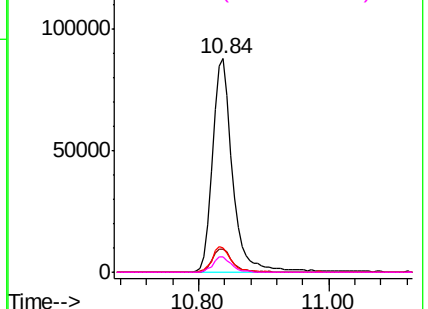
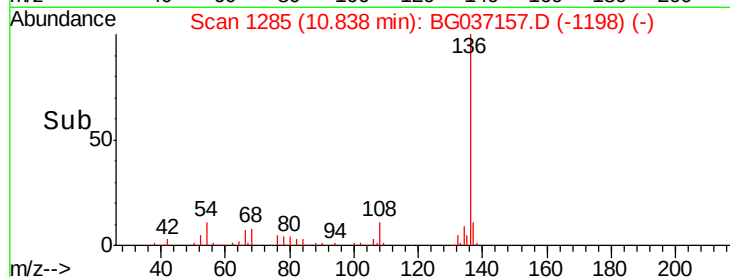


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.722 ng

RT: 9.19 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BG037157.D

Acq: 4 Oct 2018 16:13

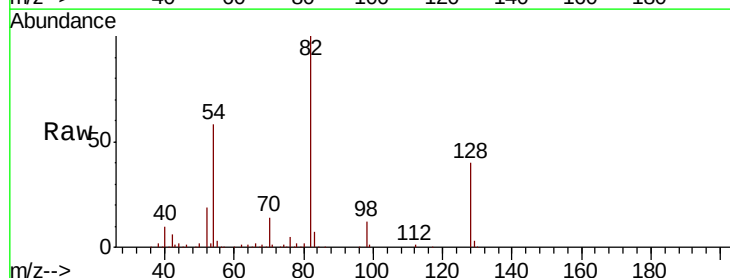
Tgt Ion: 82 Resp: 317931

Ion Ratio Lower Upper

82 100

128 40.3 33.3 49.9

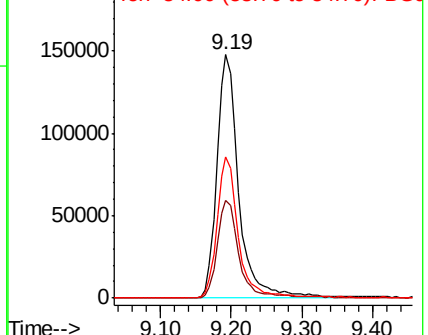
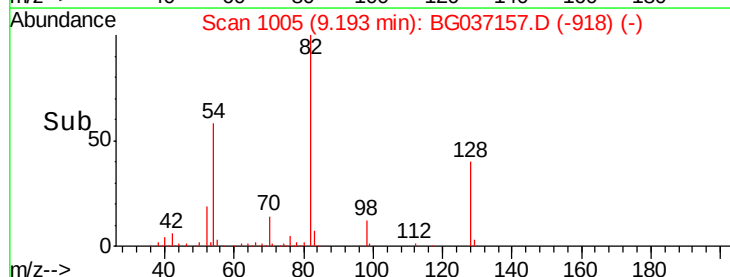
54 57.8 45.1 67.7

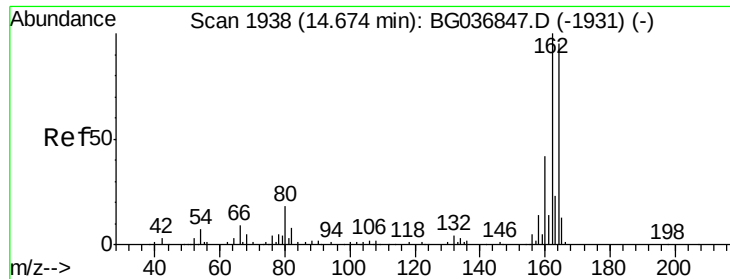


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

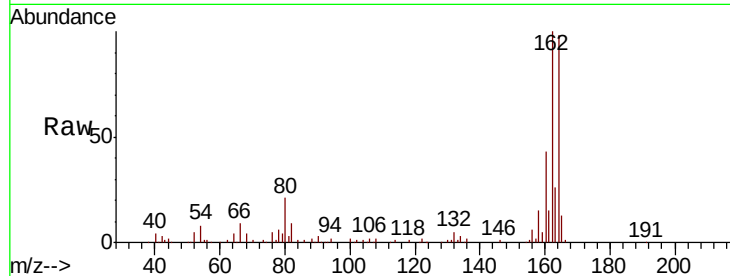




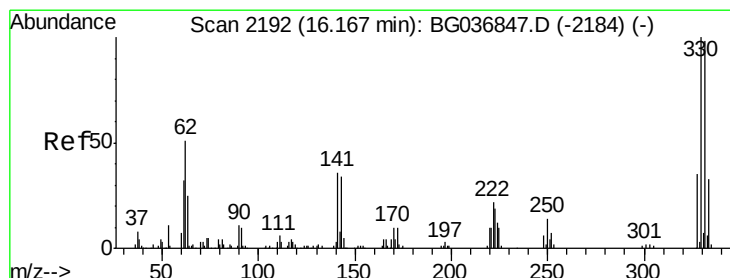
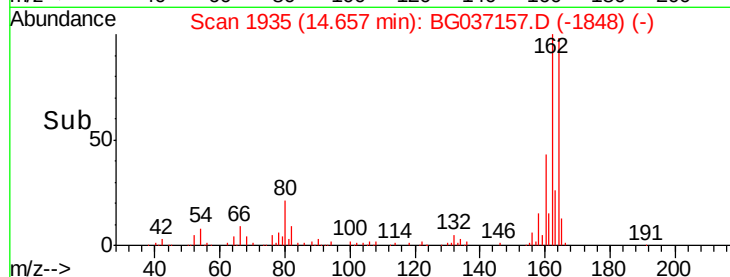
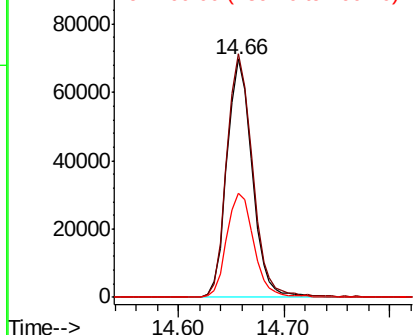
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.02 min
 Lab File: BG037157.D
 Acq: 4 Oct 2018 16:13

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tot Ion:164 Resp: 115554
 Ion Ratio Lower Upper
 164 100
 162 102.3 80.7 121.1
 160 43.6 35.3 52.9

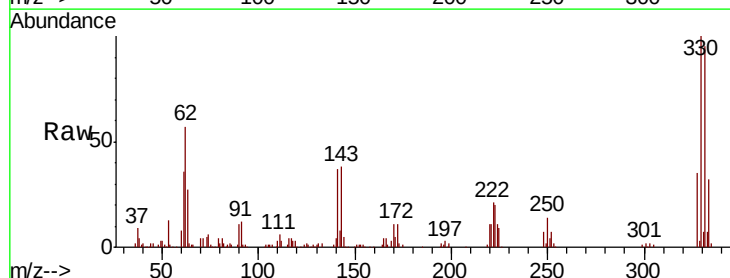


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

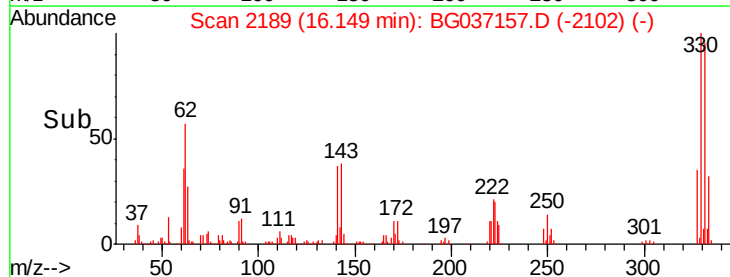
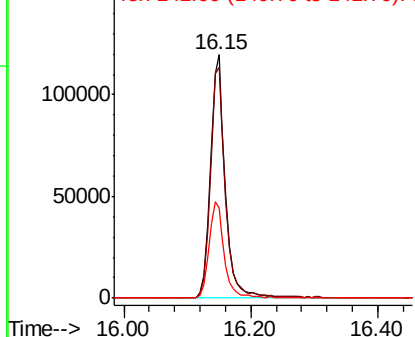


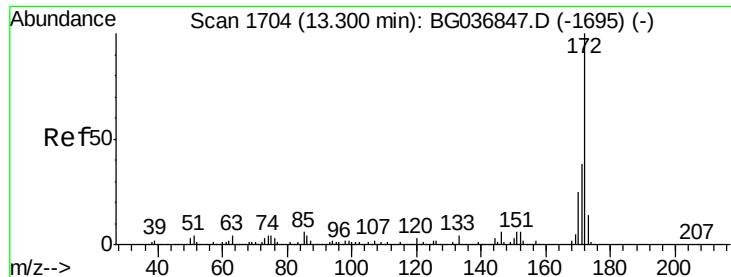
#41
 2,4,6-Tribromophenol
 Concen: 144.664 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037157.D
 Acq: 4 Oct 2018 16:13

Tgt Ion:330 Resp: 200003
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.4 113.2
 141 40.0 30.7 46.1



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

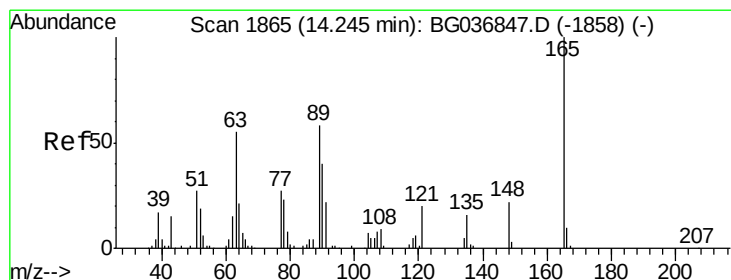
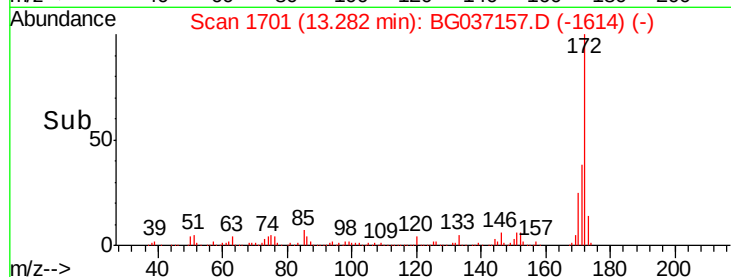
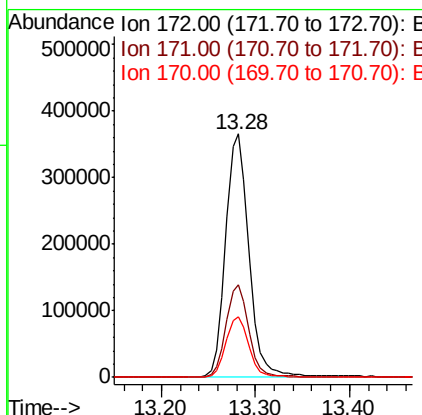
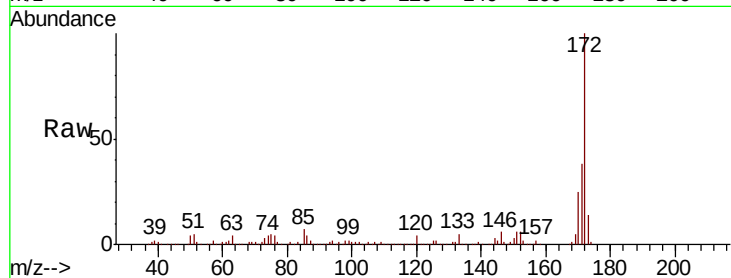




#44
 2-Fluorobiphenyl
 Concen: 81.530 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037157.D
 Acq: 4 Oct 2018 16:13

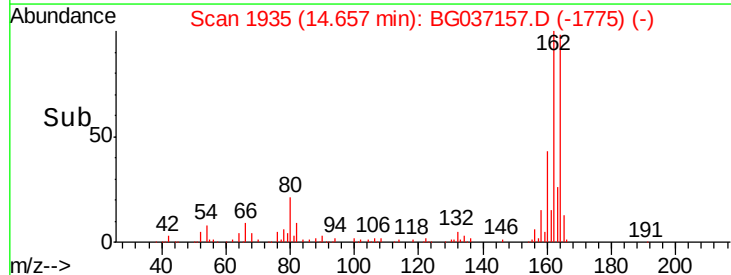
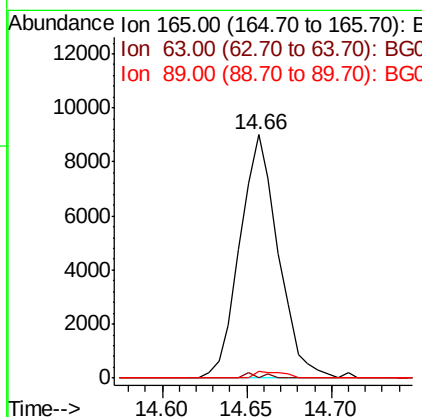
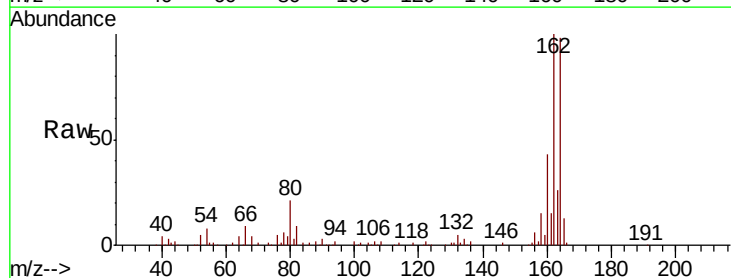
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

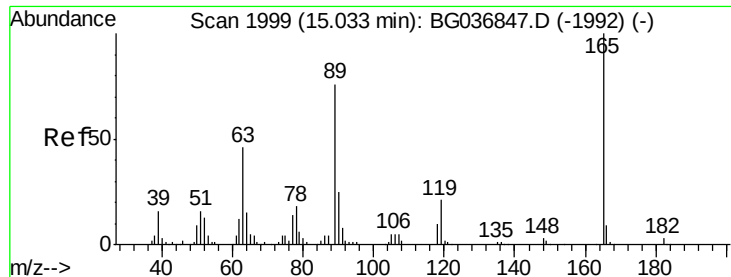
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	24.9	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.018 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. 0.41 min
 Lab File: BG037157.D
 Acq: 4 Oct 2018 16:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	3.0	47.8	71.6#

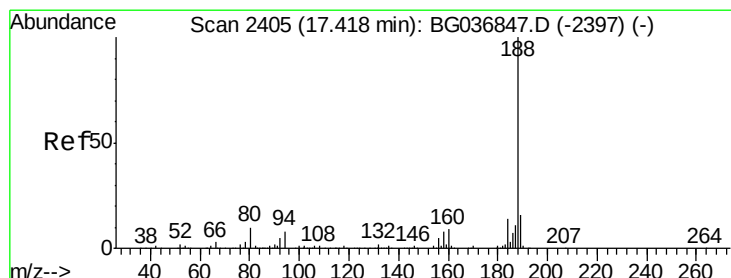
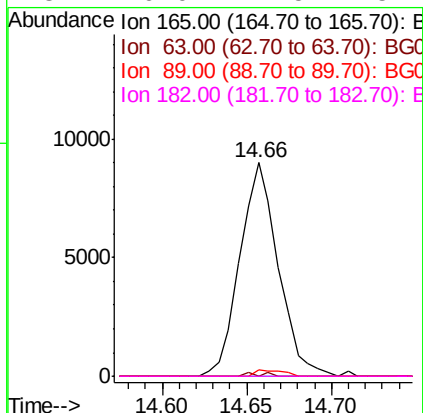
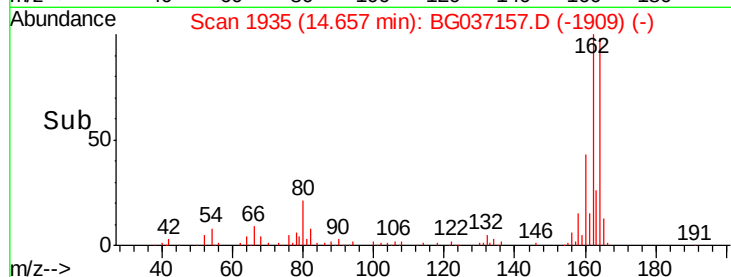
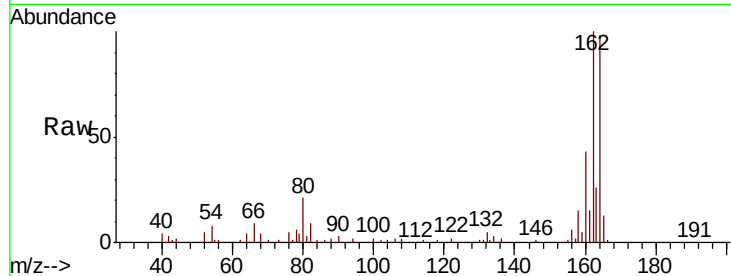




#56
 2,4-Dinitrotoluene
 Concen: 5.030 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.38 min
 Lab File: BG037157.D
 Acq: 4 Oct 2018 16:13

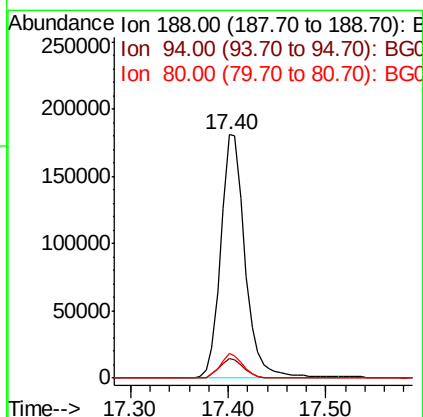
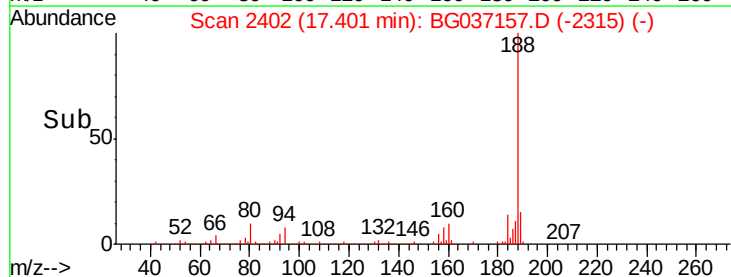
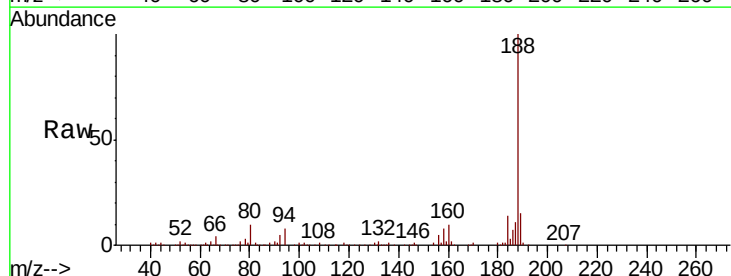
Instrument :
 BNA_G
 ClientSampled :
 DFTPP

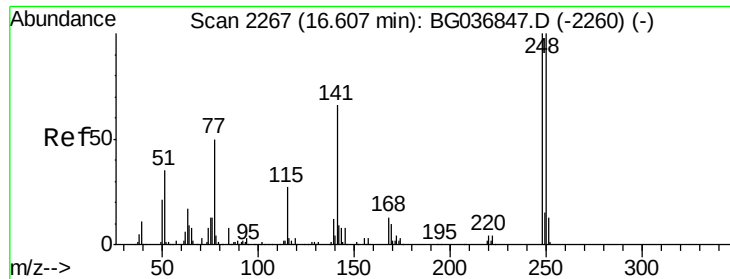
Tot Ion:165	Resp:	14243
Ion Ratio	Lower	Upper
165 100		
63 0.0	40.1	60.1#
89 3.0	63.7	95.5#
182 0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. -0.02 min
 Lab File: BG037157.D
 Acq: 4 Oct 2018 16:13

Tgt Ion	188	Resp: Lower	313150 Upper
	Ratio		
188	100		
94	8.1	6.7	10.1
80	10.4	8.1	12.1

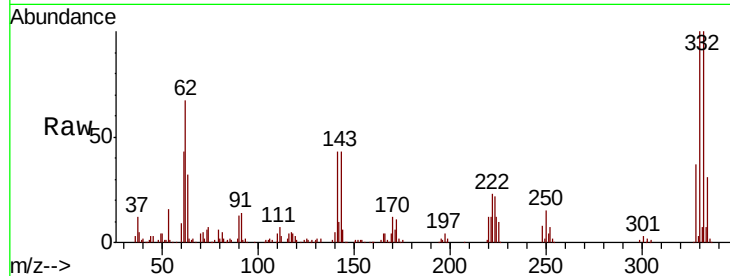




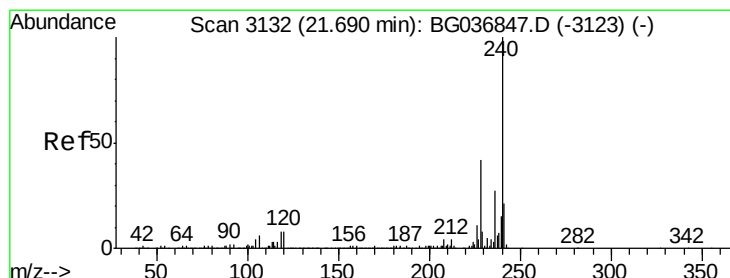
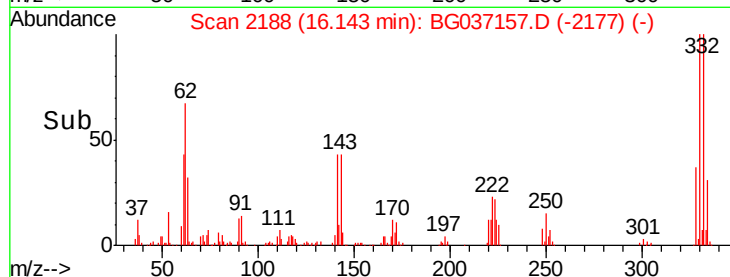
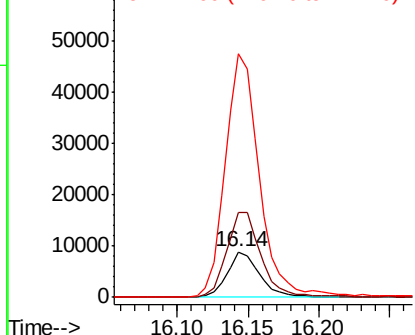
#66
 4-Bromophenyl-phenylether
 Concen: 3.988 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.46 min
 Lab File: BG037157.D
 Acq: 4 Oct 2018 16:13

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tot Ion:248 Resp: 14206
 Ion Ratio Lower Upper
 248 100
 250 189.0 78.1 117.1#
 141 538.5 53.7 80.5#

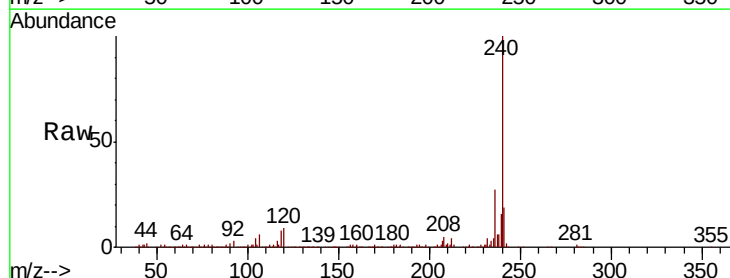


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

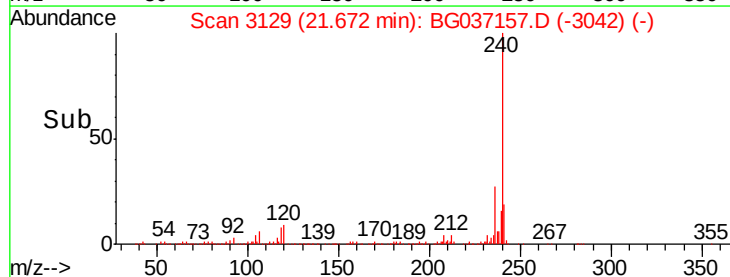
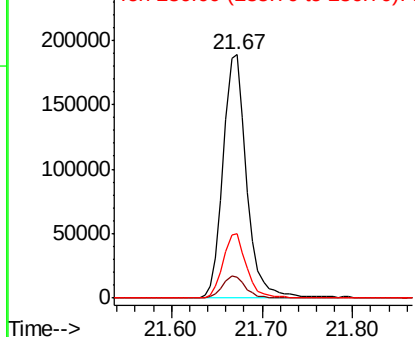


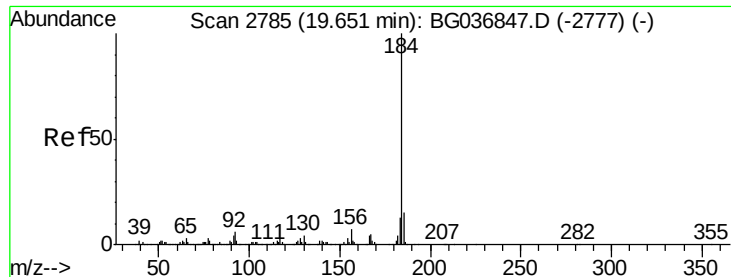
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.02 min
 Lab File: BG037157.D
 Acq: 4 Oct 2018 16:13

Tgt Ion:240 Resp: 341362
 Ion Ratio Lower Upper
 240 100
 120 8.8 6.9 10.3
 236 26.7 21.2 31.8



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

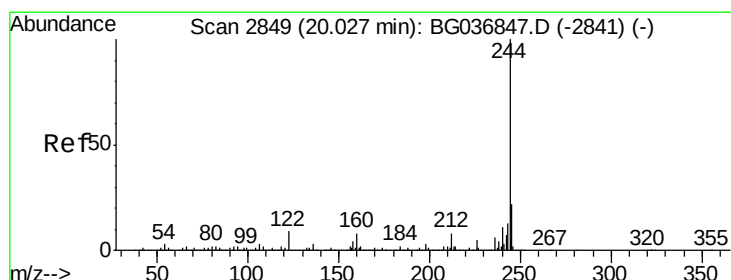
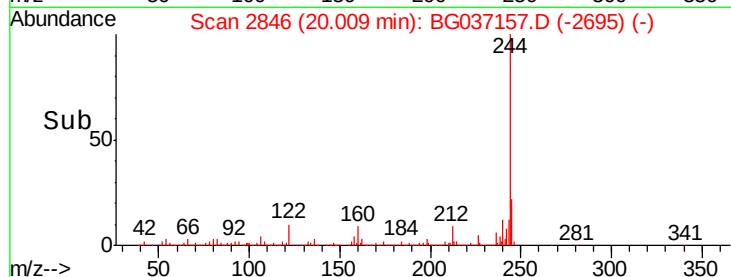
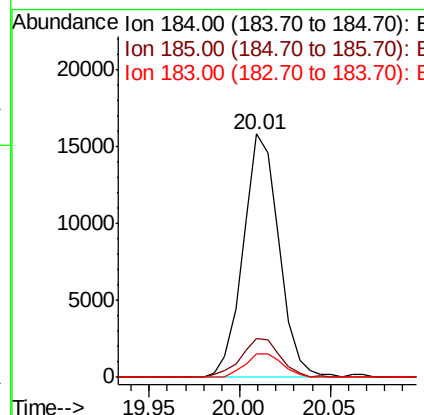
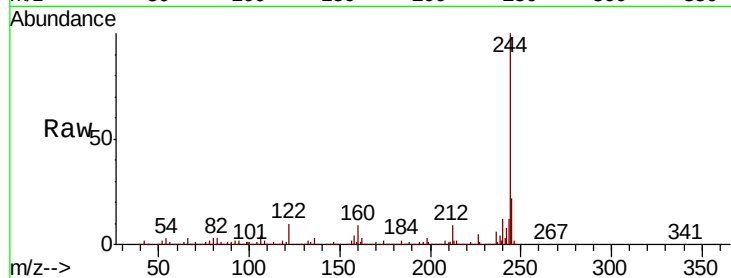




#76
Benzidine
Concen: 2.104 ng
RT: 20.01 min Scan# 2846
Delta R.T. 0.36 min
Lab File: BG037157.D
Acq: 4 Oct 2018 16:13

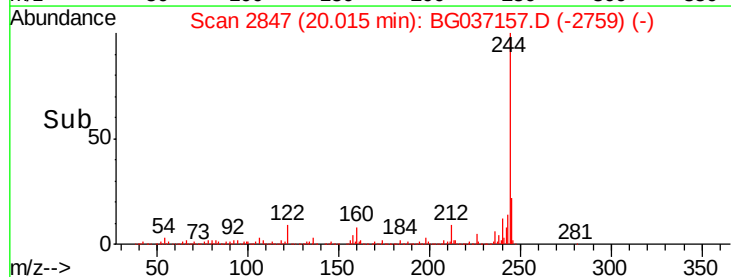
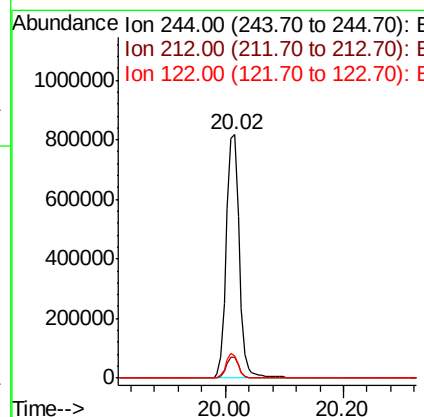
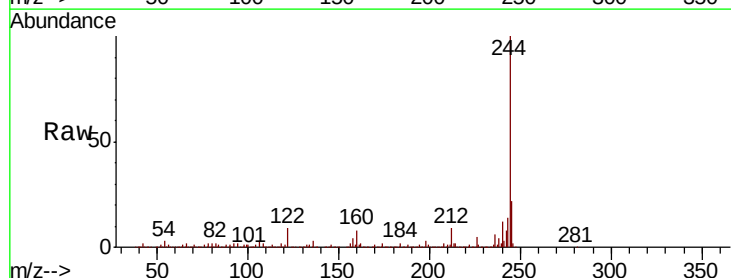
Instrument :
BNA_G
ClientSampleId :
DFTPP

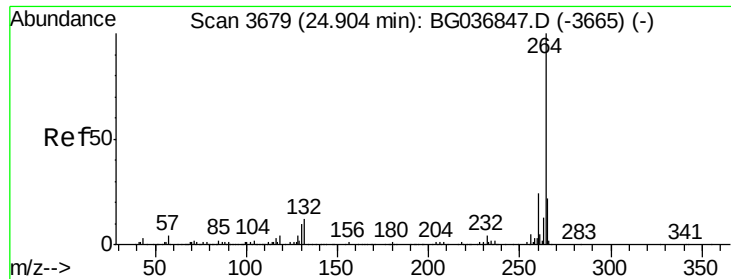
Tot Ion:184 Resp: 21713
Ion Ratio Lower Upper
184 100
185 15.8 12.6 18.8
183 9.8 10.9 16.3#



#78
Terphenyl-d14
Concen: 95.734 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037157.D
Acq: 4 Oct 2018 16:13

Tgt Ion:244 Resp: 1242828
Ion Ratio Lower Upper
244 100
212 8.6 7.0 10.6
122 8.9 7.1 10.7





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.87 min Scan# 3673
 Delta R.T. -0.04 min
 Lab File: BG037157.D
 Acq: 4 Oct 2018 16:13

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tot Ion:	264	Resp:	331646
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	22.0	17.4	26.0

