

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037600.D
 Acq On : 27 Oct 2018 3:38
 Operator : JU/SJ
 Sample : J5688-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Oct 27 06:46:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

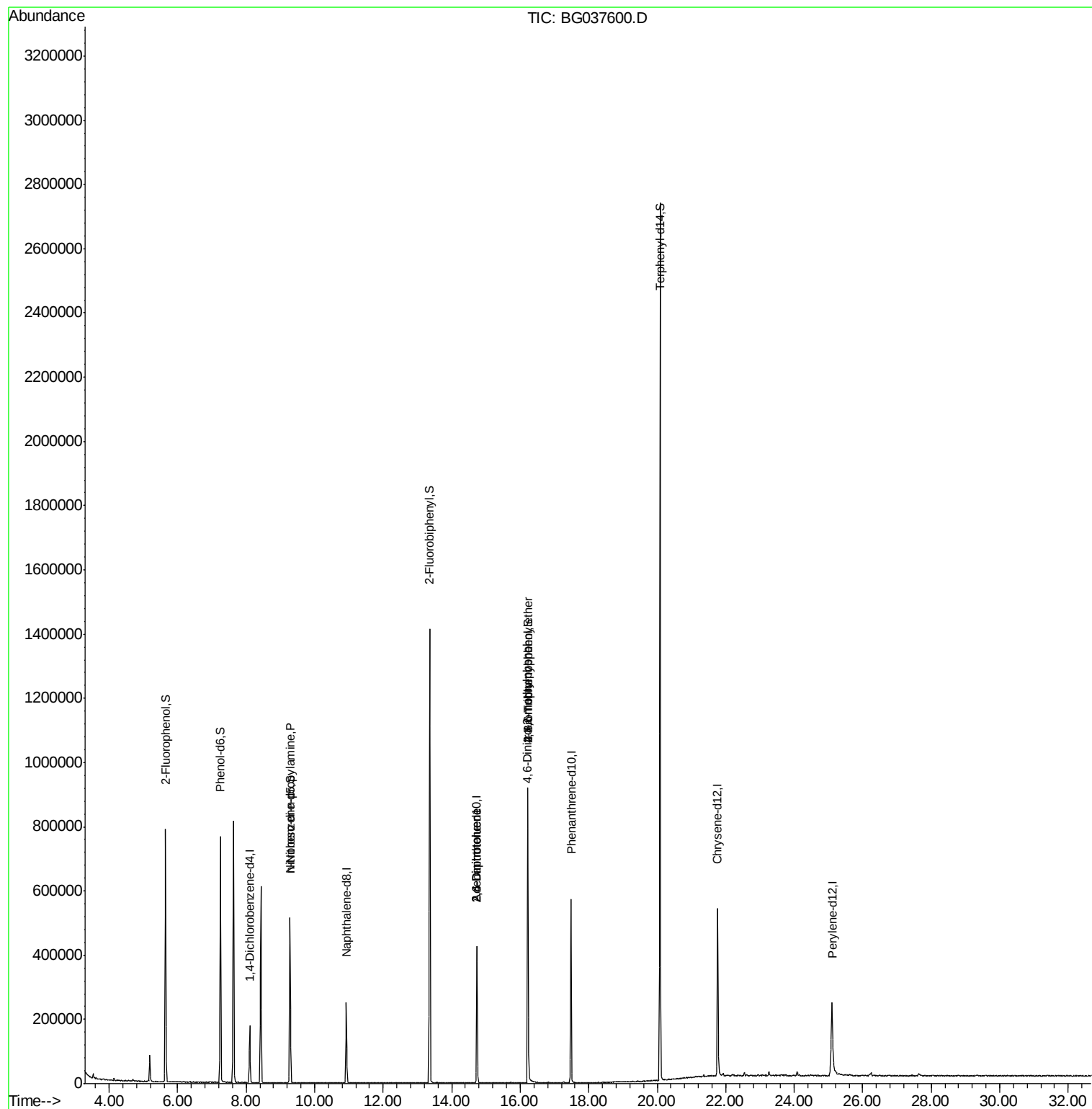
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53150	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	229164	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	152432	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	372186	20.00	ng	0.00
76) Chrysene-d12	21.76	240	345482	20.00	ng	-0.01
87) Perylene-d12	25.11	264	316772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	364215	114.57	ng	0.00
7) Phenol-d6	7.24	99	480599	99.97	ng	0.00
23) Nitrobenzene-d5	9.28	82	333867	81.61	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	169354	101.86	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	790966	78.25	ng	0.00
79) Terphenyl-d14	20.08	244	1280618	79.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	40643	12.278	ng	# 70
51) 2,6-Dinitrotoluene	14.73	165	18939	7.260	ng	# 23
57) 2,4-Dinitrotoluene	14.73	165	18939	5.531	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.21	198	140	8.566	ng	77
67) 4-Bromophenyl-phenylether	16.22	248	12469	3.051	ng	# 1

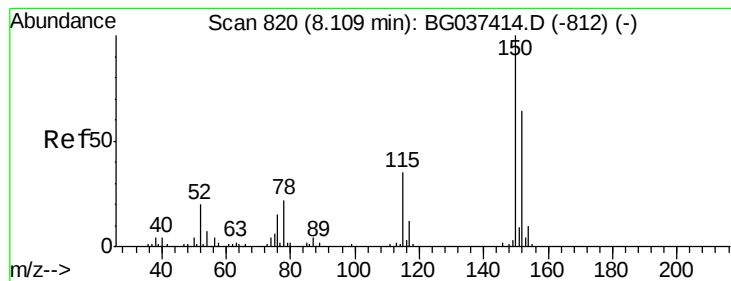
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG037600.D

Acq: 27 Oct 2018 3:38

Instrument :

BNA_G

ClientSampleId :

DFTPP

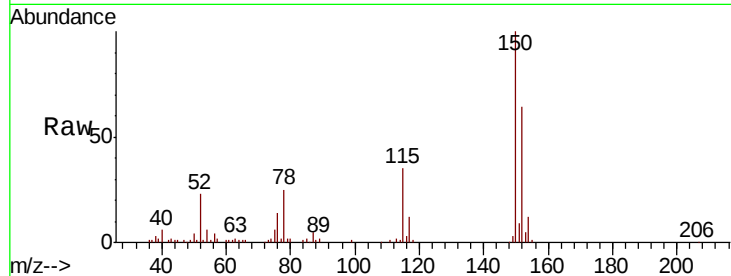
Tot Ion:152 Resp: 53150

Ion Ratio Lower Upper

152 100

150 156.2 126.0 189.0

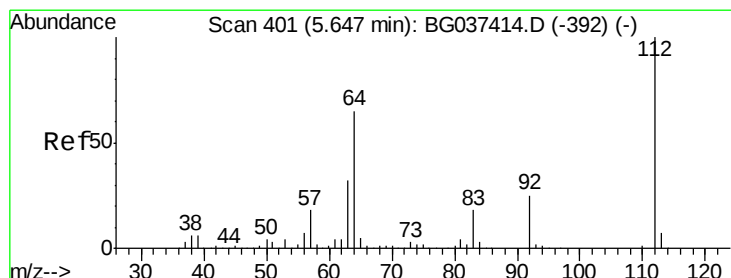
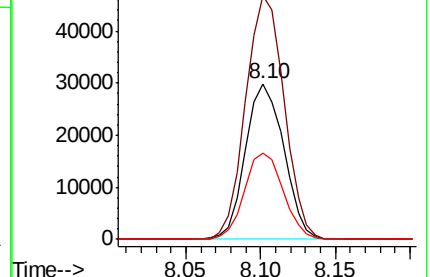
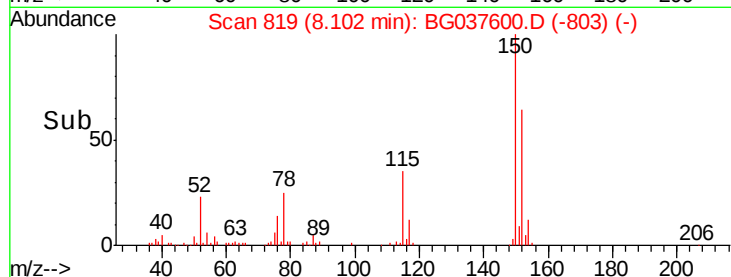
115 55.0 45.5 68.3



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: 114.565 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037600.D

Acq: 27 Oct 2018 3:38

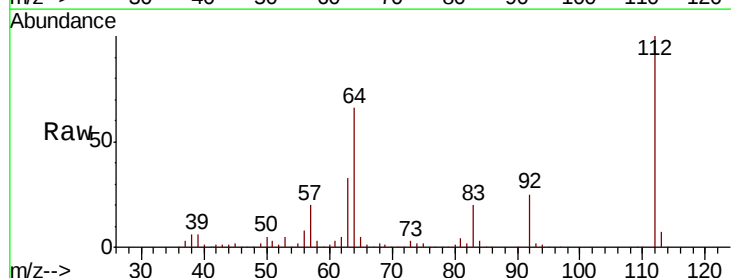
Tgt Ion:112 Resp: 364215

Ion Ratio Lower Upper

112 100

64 66.2 53.1 79.7

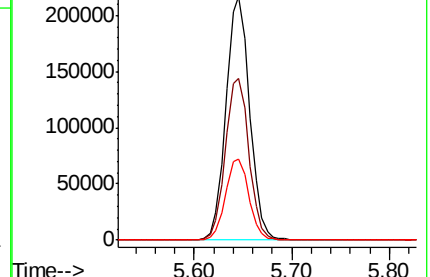
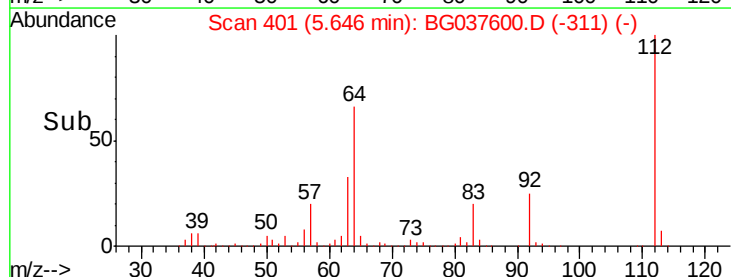
63 33.3 27.3 40.9



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: 99.975 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037600.D

Acq: 27 Oct 2018 3:38

Instrument :

BNA_G

ClientSampleId :

DFTPP

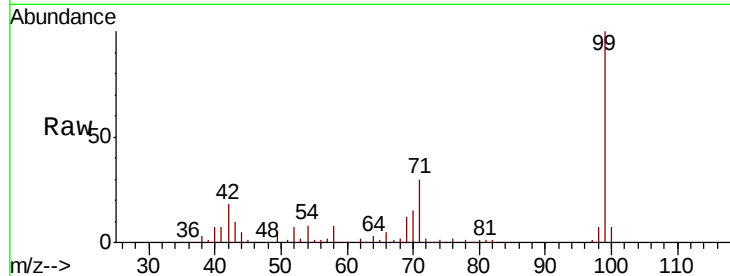
Tot Ion: 99 Resp: 480599

Ion Ratio Lower Upper

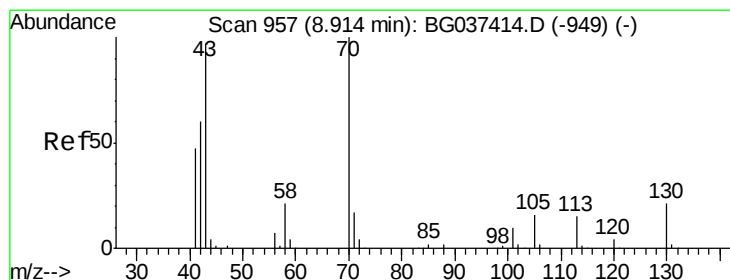
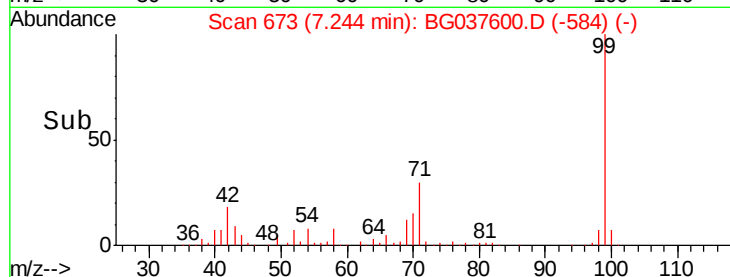
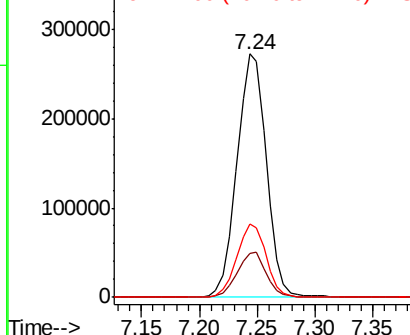
99 100

42 18.2 15.0 22.4

71 30.0 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.278 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037600.D

Acq: 27 Oct 2018 3:38

Tgt Ion: 70 Resp: 40643

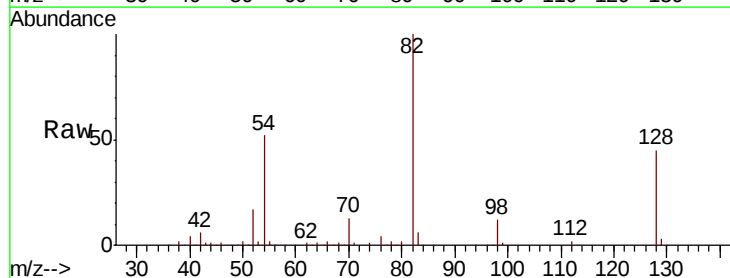
Ion Ratio Lower Upper

70 100

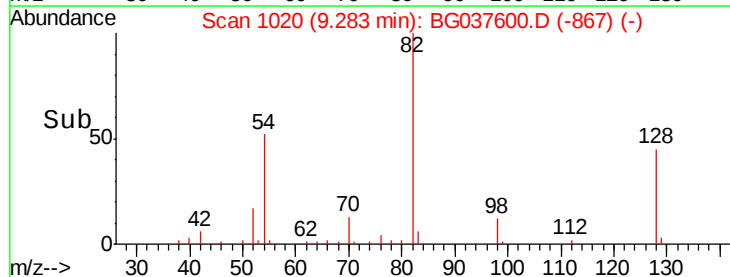
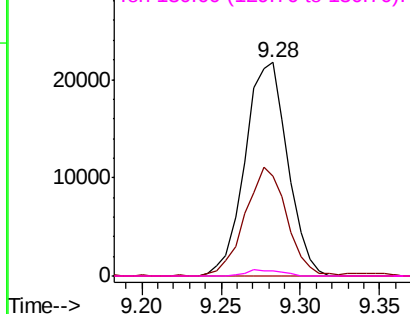
42 46.8 53.9 80.9#

101 0.0 8.2 12.2#

130 2.4 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: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037600.D

Acq: 27 Oct 2018 3:38

Instrument :

BNA_G

ClientSampleId :

DFTPP

Tot Ion:136 Resp: 229164

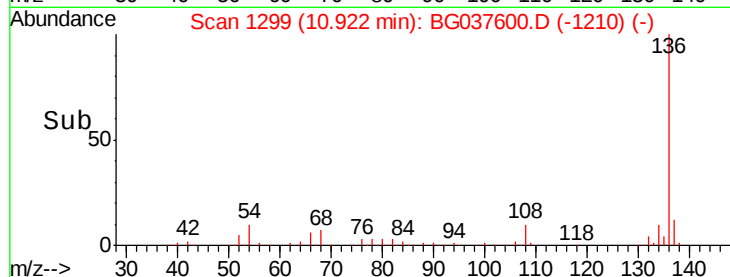
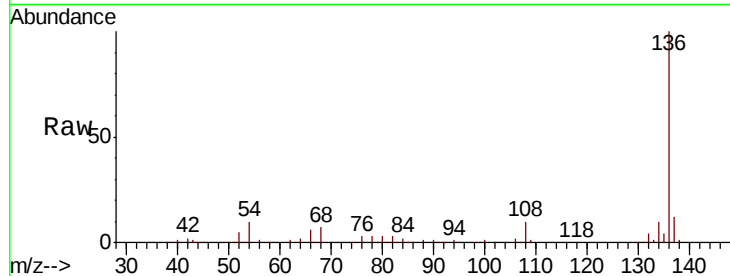
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 10.3 7.9 11.9

68 6.7 4.8 7.2

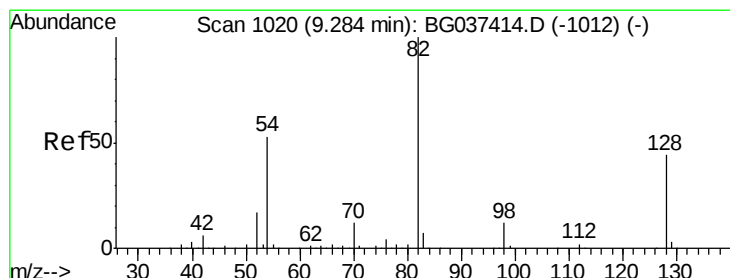
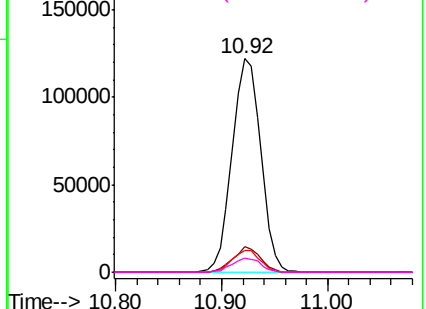


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.614 ng

RT: 9.28 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BG037600.D

Acq: 27 Oct 2018 3:38

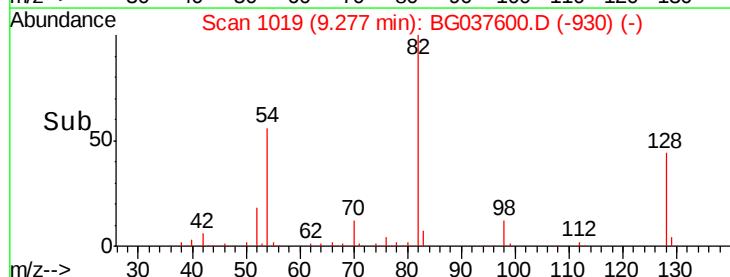
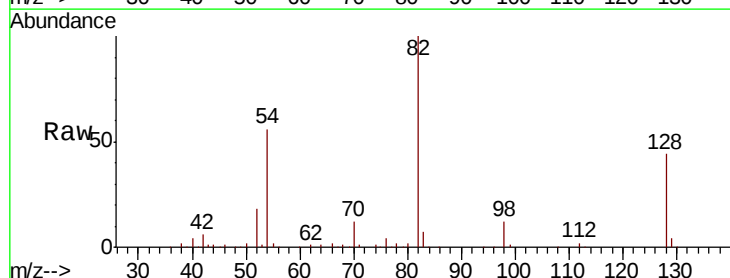
Tgt Ion: 82 Resp: 333867

Ion Ratio Lower Upper

82 100

128 43.6 34.6 51.8

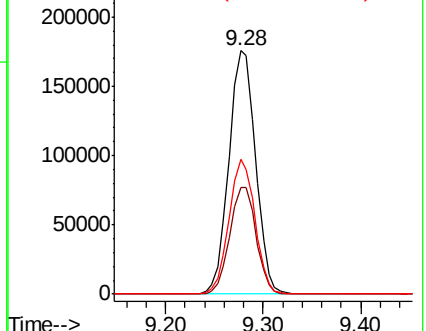
54 55.6 45.3 67.9

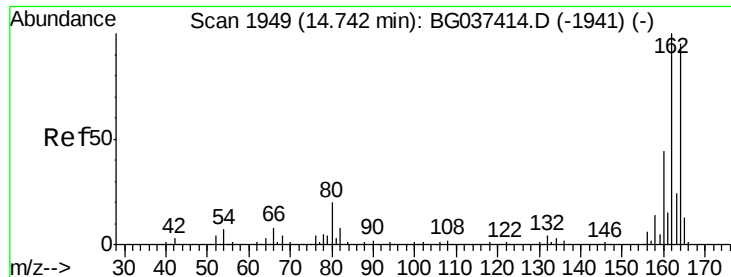


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037600.D

Acq: 27 Oct 2018 3:38

Instrument :

BNA_G

ClientSampleId :

DFTPP

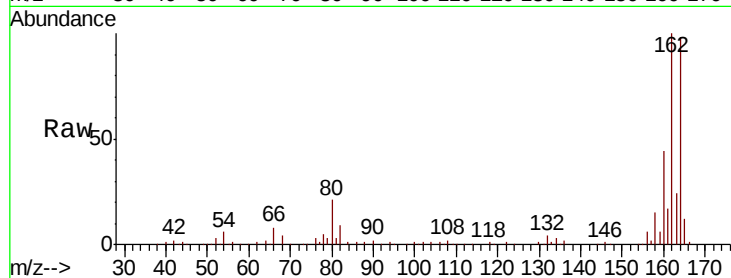
Tot Ion:164 Resp: 152432

Ion Ratio Lower Upper

164 100

162 101.6 81.3 121.9

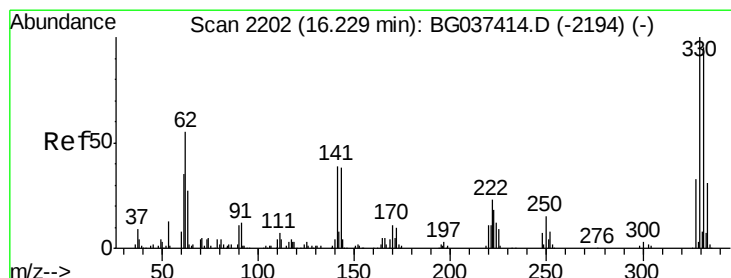
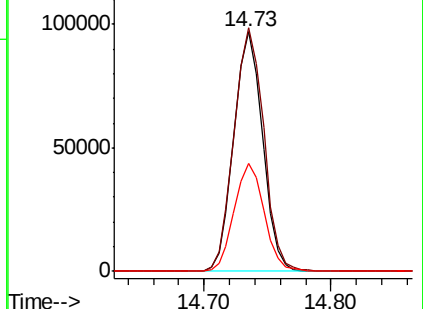
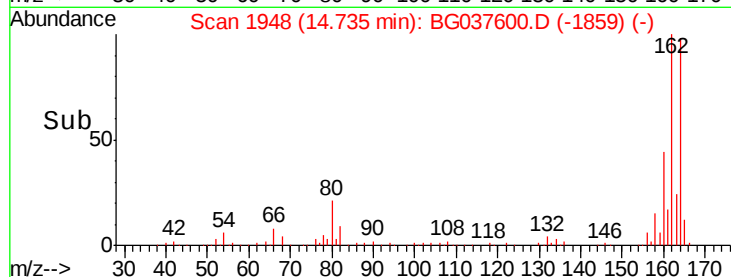
160 45.0 36.3 54.5



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: 101.863 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037600.D

Acq: 27 Oct 2018 3:38

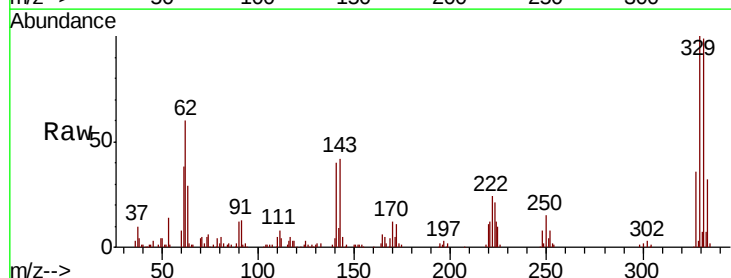
Tgt Ion:330 Resp: 169354

Ion Ratio Lower Upper

330 100

332 94.9 78.4 117.6

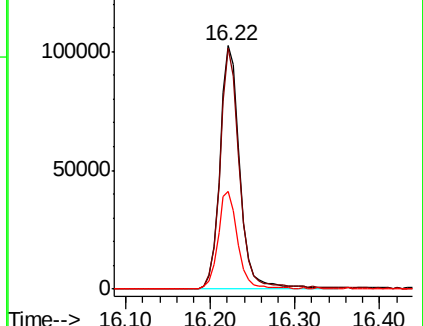
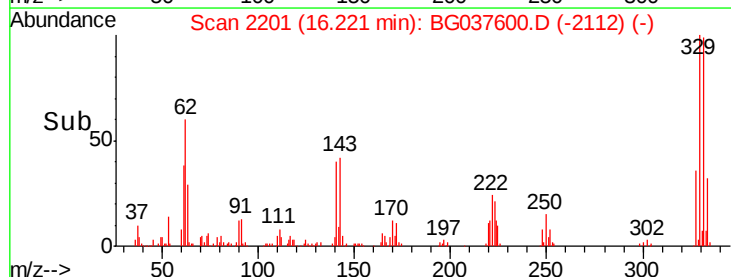
141 39.8 32.2 48.2



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

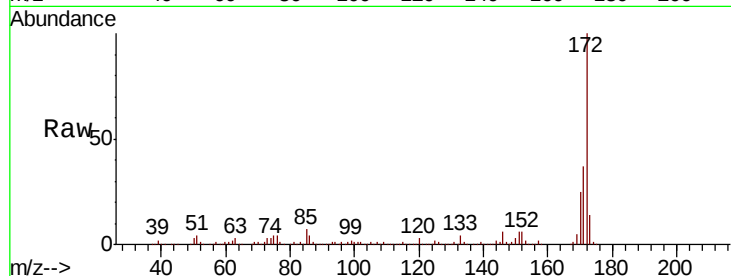




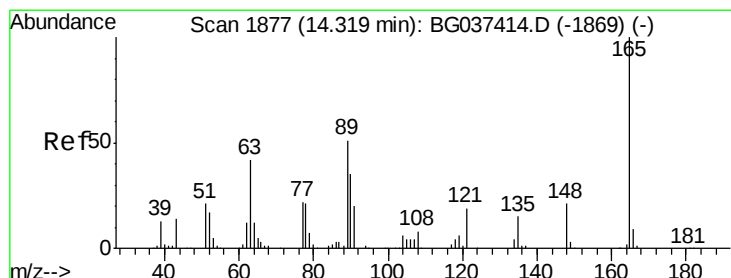
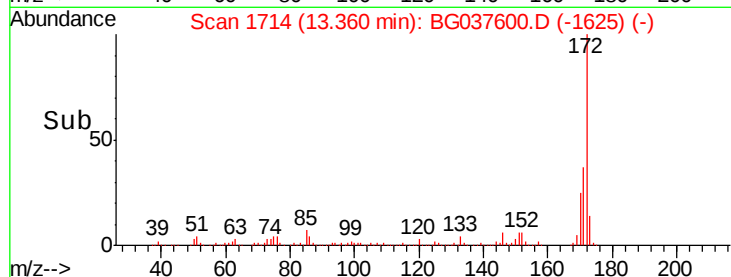
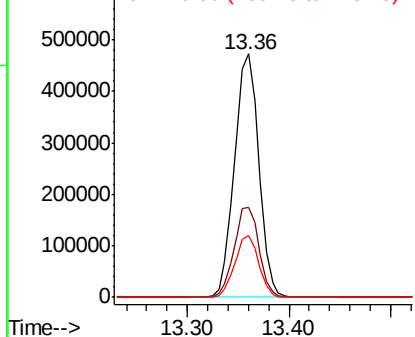
#45
 2-Fluorobiphenyl
 Concen: 78.247 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037600.D
 Acq: 27 Oct 2018 3:38

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.0	46.4
170	25.3	20.2	30.2

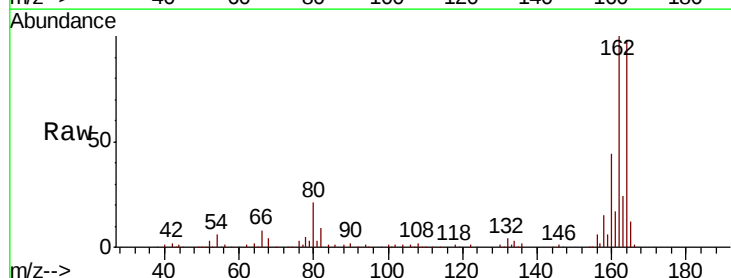


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

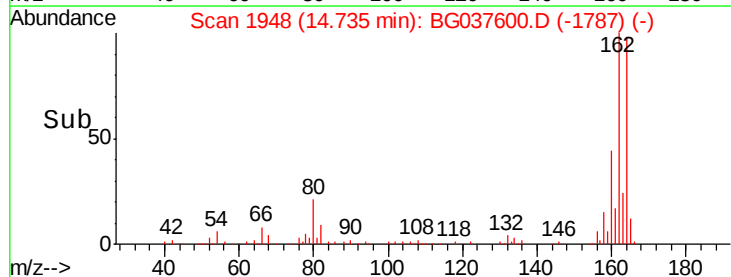
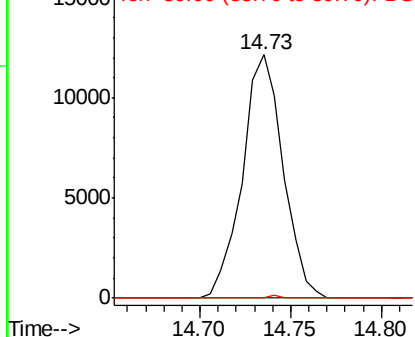


#51
 2,6-Dinitrotoluene
 Concen: 7.260 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.42 min
 Lab File: BG037600.D
 Acq: 27 Oct 2018 3:38

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): BG
 Ion 89.00 (88.70 to 89.70): BG

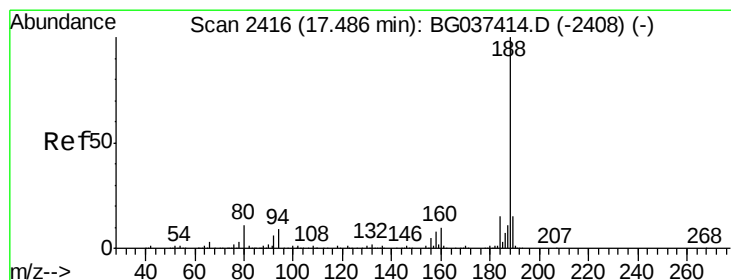
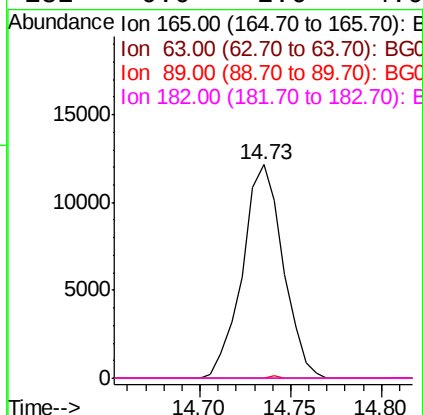
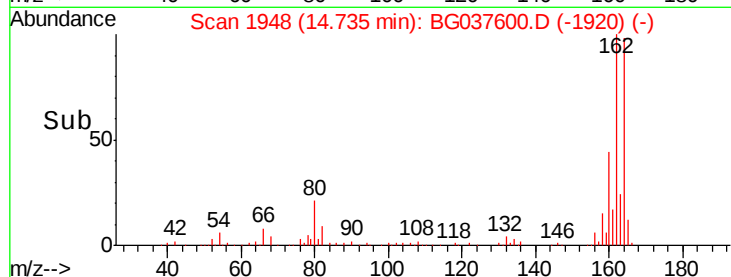
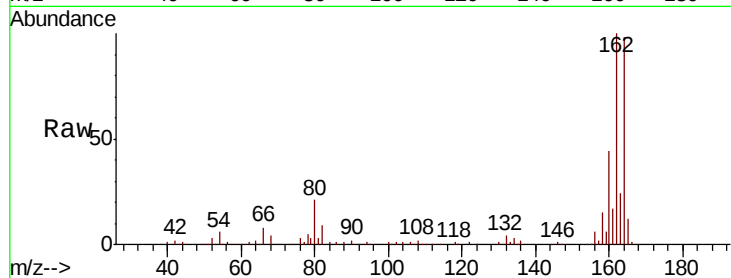




#57
 2,4-Dinitrotoluene
 Concen: 5.531 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037600.D
 Acq: 27 Oct 2018 3:38

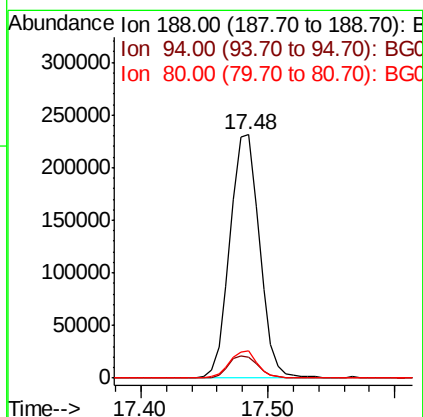
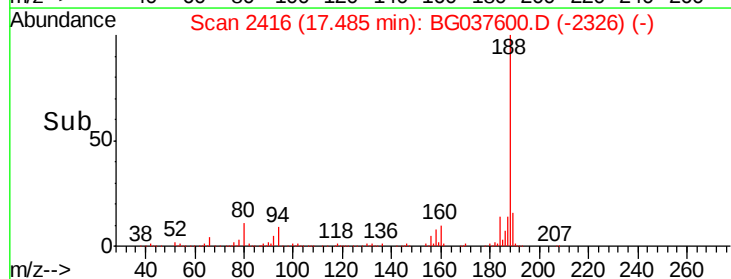
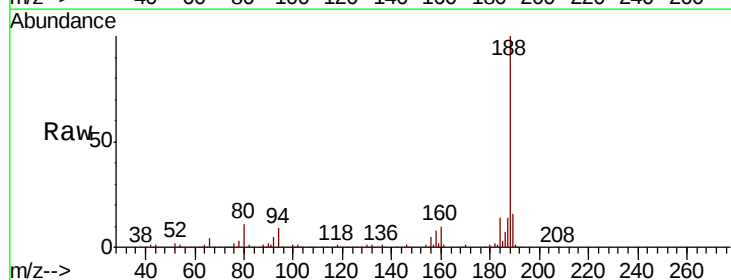
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tot Ion:165	Resp:	18939
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#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037600.D
 Acq: 27 Oct 2018 3:38

Tgt Ion:188	Resp:	372186
Ion Ratio	Lower	Upper
188	100	
94	8.8	7.2 10.8
80	11.0	7.7 11.5

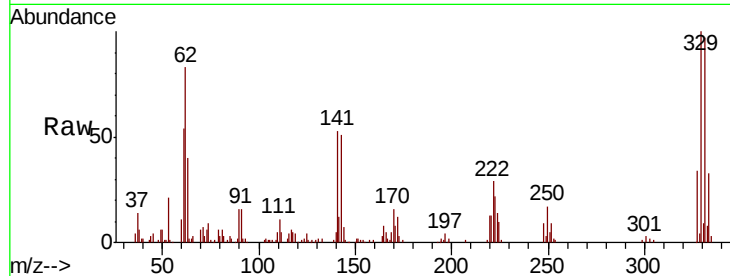




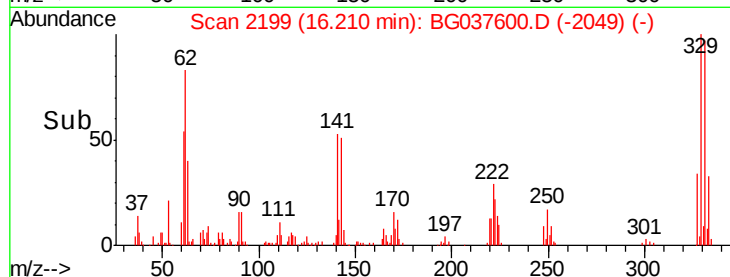
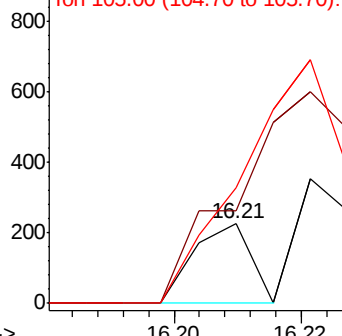
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.566 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.35 min
 Lab File: BG037600.D
 Acq: 27 Oct 2018 3:38

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tot Ion:198 Resp: 140
 Ion Ratio Lower Upper
 198 100
 51 23.9 22.7 62.7
 105 29.8 19.7 59.7

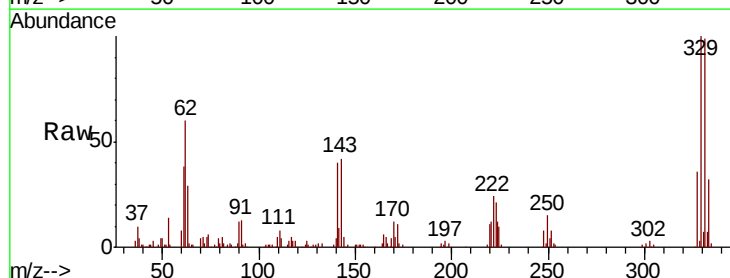


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

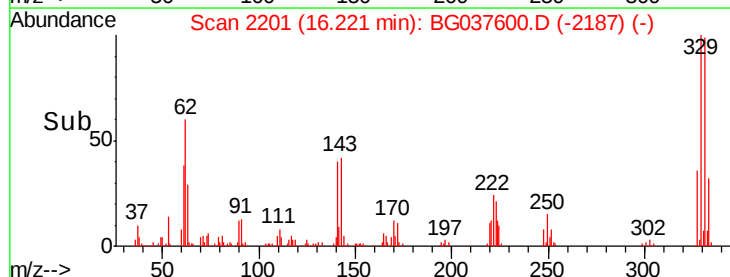
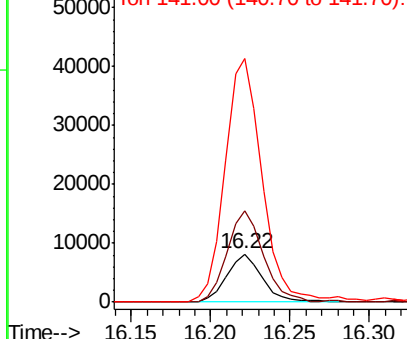


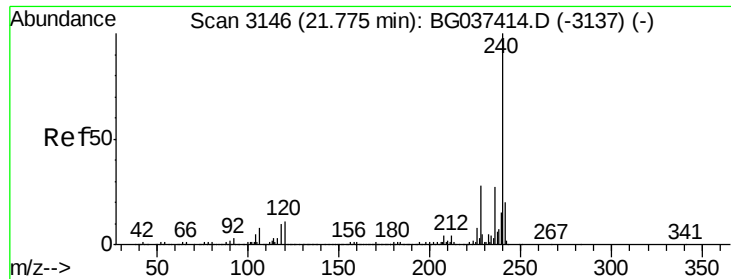
#67
 4-Bromophenyl-phenylether
 Concen: 3.051 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037600.D
 Acq: 27 Oct 2018 3:38

Tgt Ion:248 Resp: 12469
 Ion Ratio Lower Upper
 248 100
 250 192.2 77.0 115.6#
 141 401.6 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

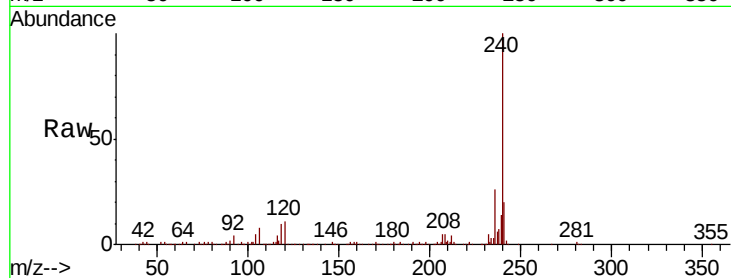




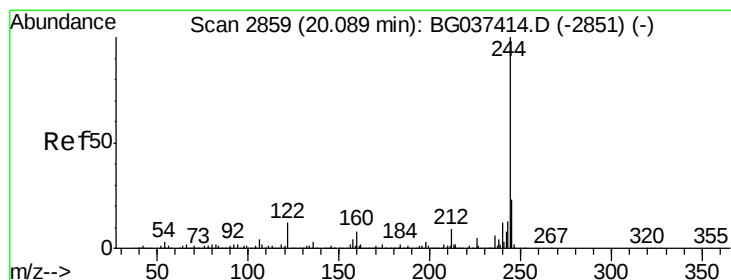
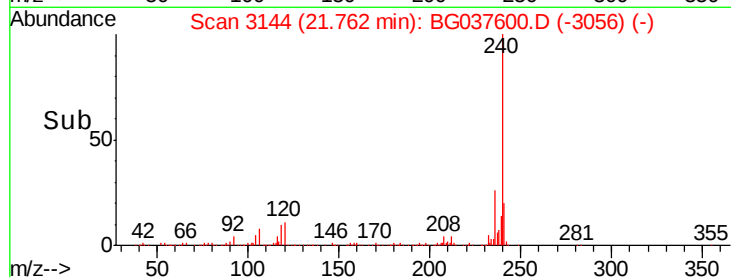
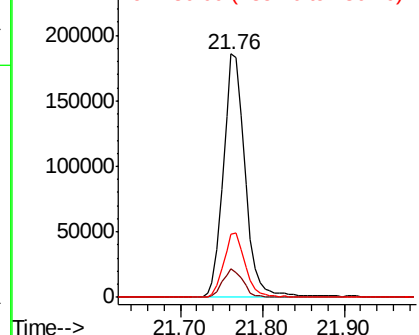
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037600.D
 Acq: 27 Oct 2018 3:38

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tot Ion:240 Resp: 345482
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.1 12.1
 236 26.2 21.4 32.0

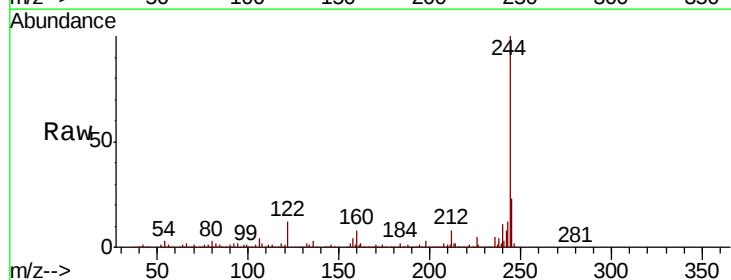


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

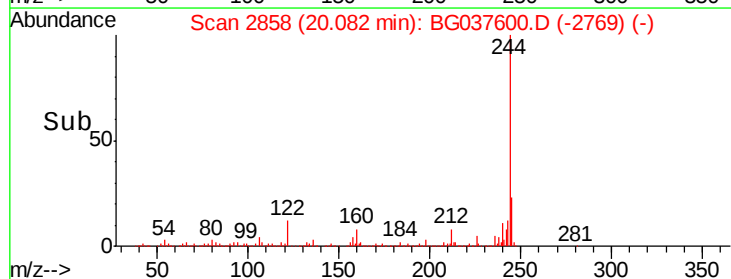
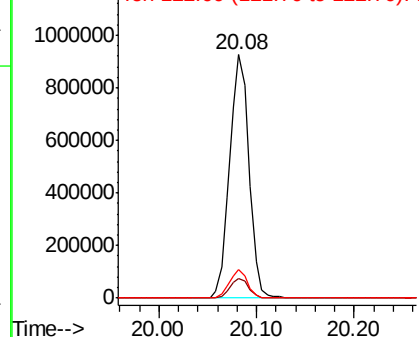


#79
 Terphenyl-d14
 Concen: 79.205 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037600.D
 Acq: 27 Oct 2018 3:38

Tgt Ion:244 Resp: 1280618
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 11.6 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: 25.11 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037600.D
Acq: 27 Oct 2018 3:38

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tot Ion:264 Resp: 316772

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.9	17.9	26.9

