

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092418\
 Data File : BG036937.D
 Acq On : 25 Sep 2018 4:15
 Operator : JU/SJ
 Sample : J4770-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Sep 25 07:30:40 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

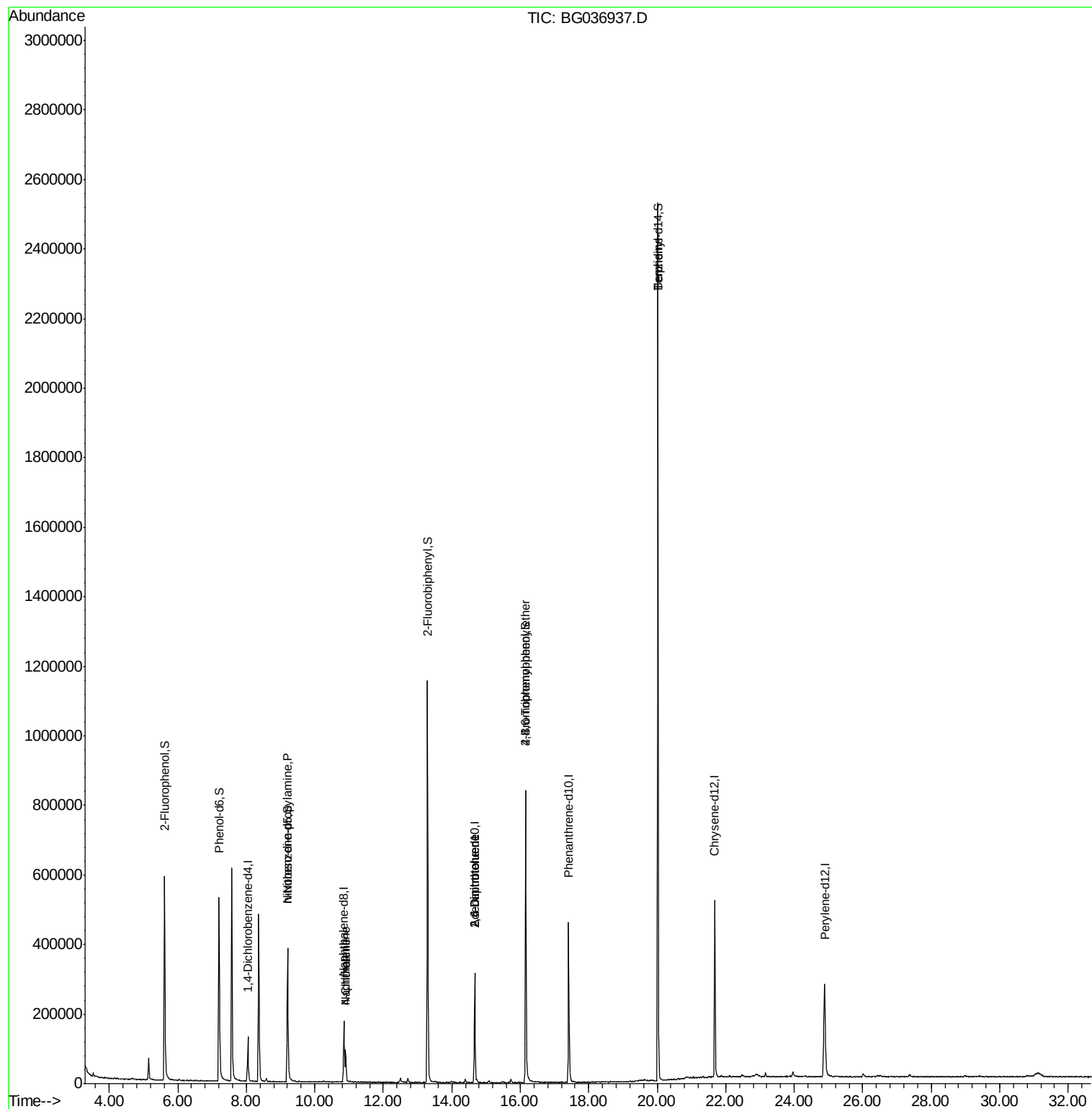
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	40795	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	172448	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	117352	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	327788	20.00	ng	0.00
75) Chrysene-d12	21.68	240	336702	20.00	ng	-0.01
86) Perylene-d12	24.89	264	324950	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	274349	128.97	ng	0.00
7) Phenol-d6	7.20	99	351465	106.79	ng	-0.01
23) Nitrobenzene-d5	9.20	82	282448	87.71	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	180348	128.45	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	663351	84.19	ng	0.00
78) Terphenyl-d14	20.02	244	1254423	97.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	36731	13.416	ng	Qvalue # 71
31) Naphthalene	10.90	128	85850	10.463	ng	# 98
33) 4-Chloroaniline	10.90	127	11467	3.074	ng	# 39
50) 2,6-Dinitrotoluene	14.67	165	15501	7.521	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	15501	5.390	ng	# 22
66) 4-Bromophenyl-phenylether	16.16	248	12261	3.289	ng	# 1
76) Benzidine	20.02	184	21216	2.084	ng	# 92

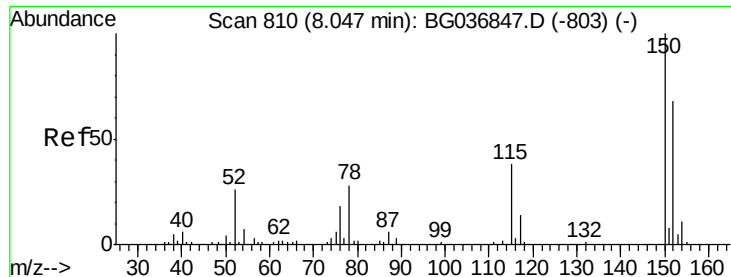
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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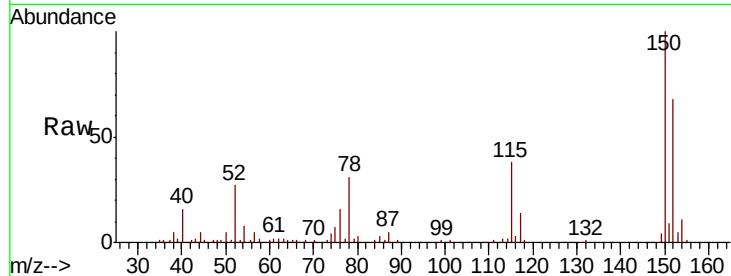


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG036937.D
Acq: 25 Sep 2018 4:15

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.3	119.5	179.3
115	56.5	44.5	66.7

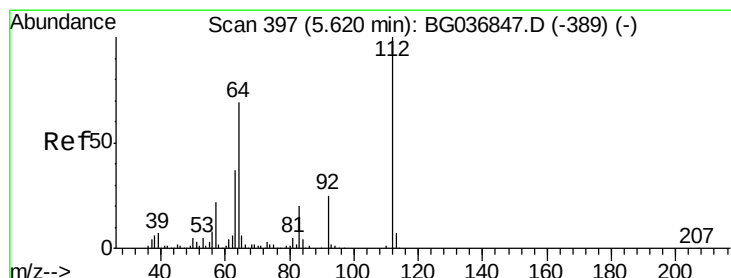
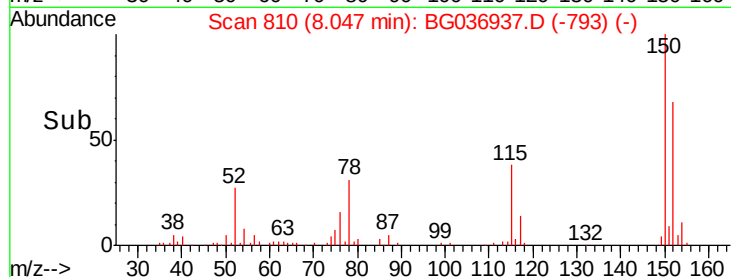
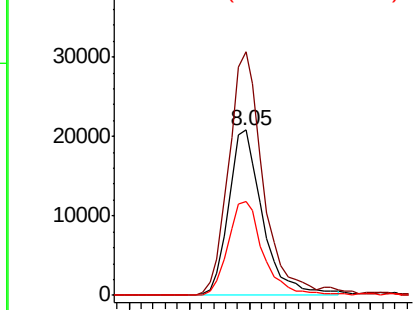


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

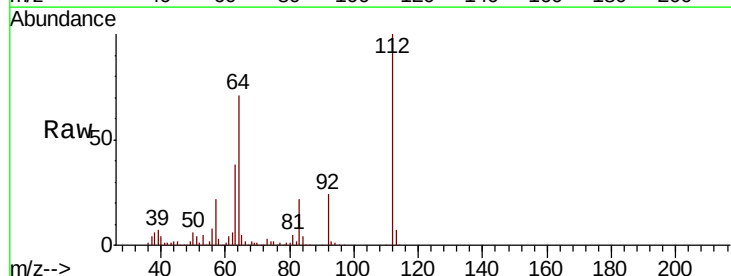
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 128.972 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036937.D
Acq: 25 Sep 2018 4:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	57.2	85.8
63	38.0	30.8	46.2

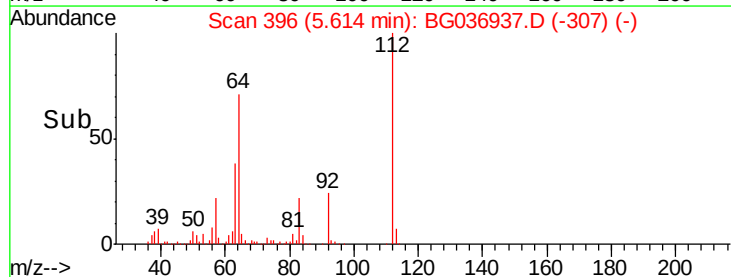
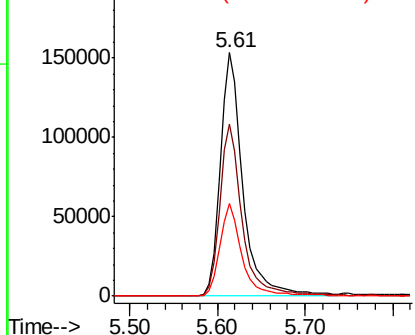


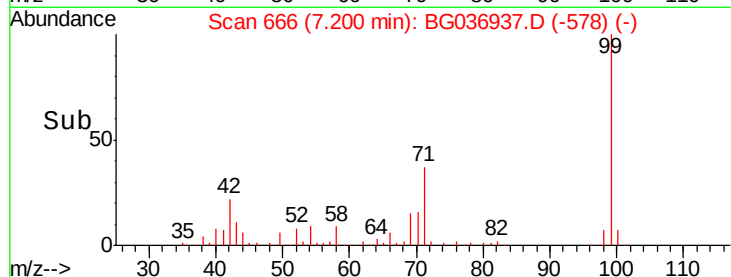
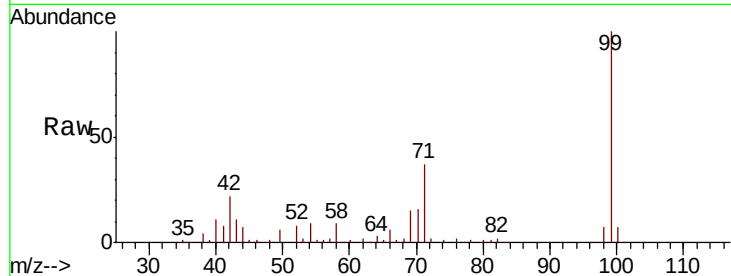
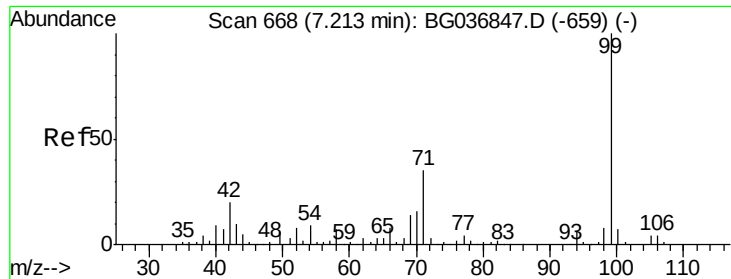
Abundance

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: 106.791 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036937.D

Acq: 25 Sep 2018 4:15

Instrument :

BNA_G

ClientSampleId :

DFTPP

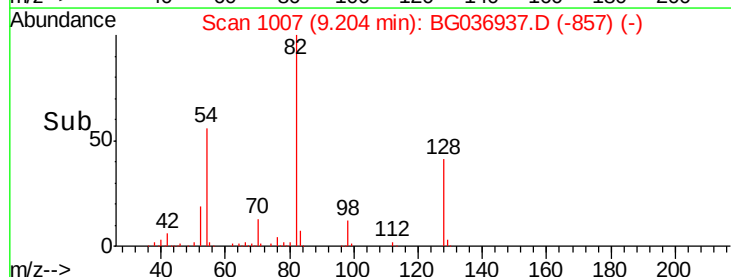
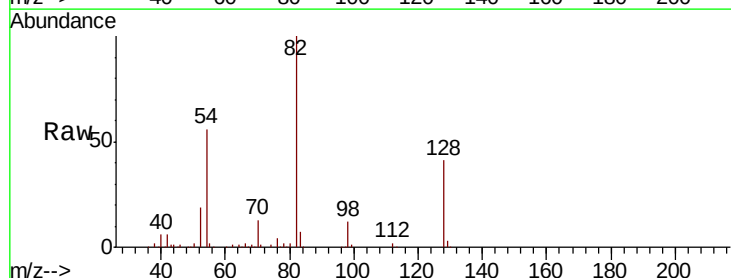
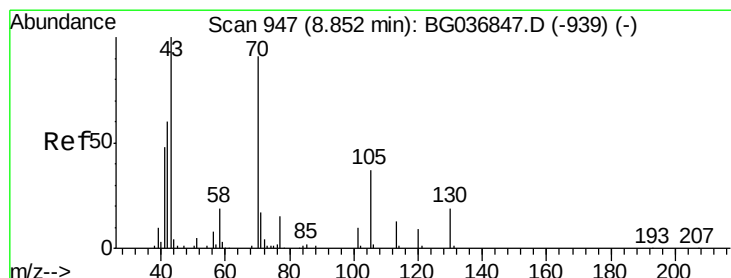
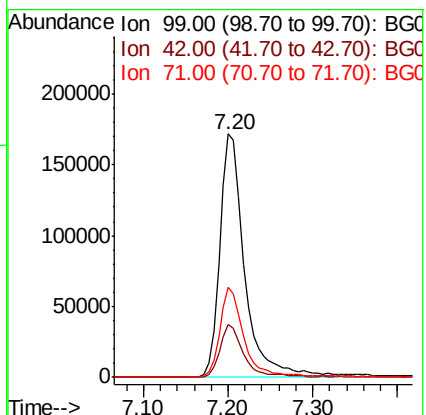
Tgt Ion: 99 Resp: 351465

Ion Ratio Lower Upper

99 100

42 21.7 16.5 24.7

71 37.1 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.416 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG036937.D

Acq: 25 Sep 2018 4:15

Tgt Ion: 70 Resp: 36731

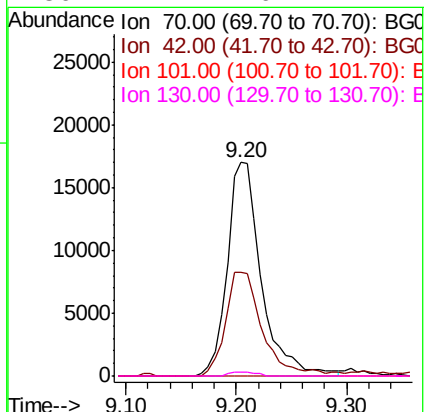
Ion Ratio Lower Upper

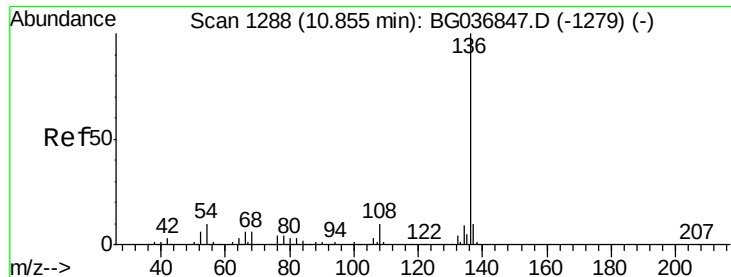
70 100

42 48.6 56.2 84.4#

101 0.0 7.8 11.6#

130 1.7 16.2 24.2#

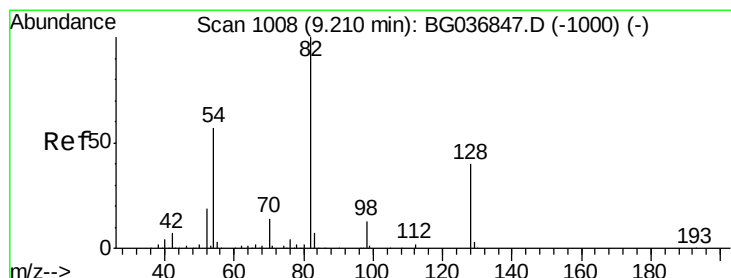
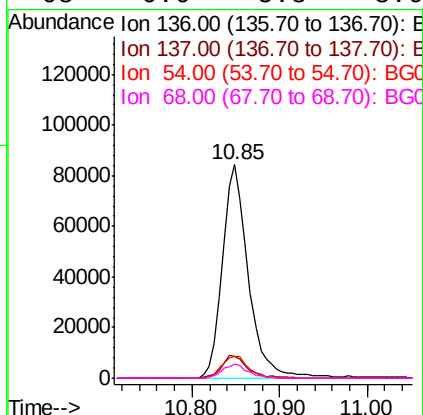
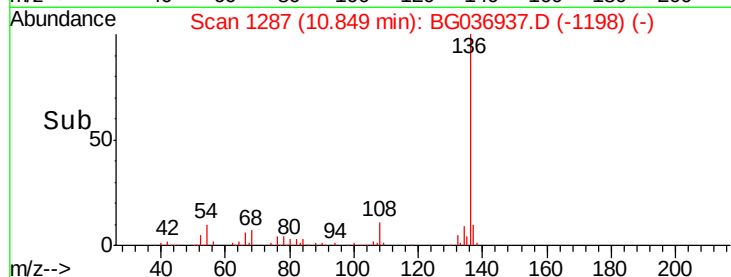
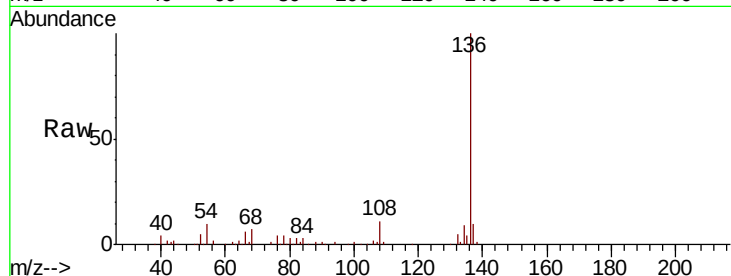




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036937.D
Acq: 25 Sep 2018 4:15

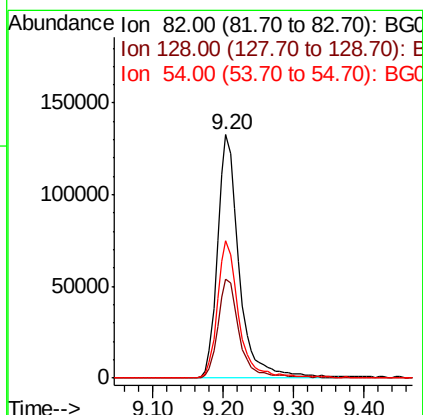
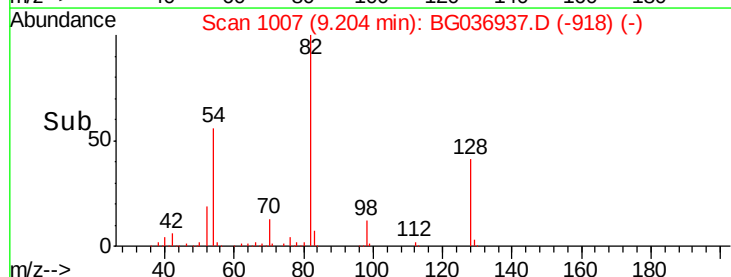
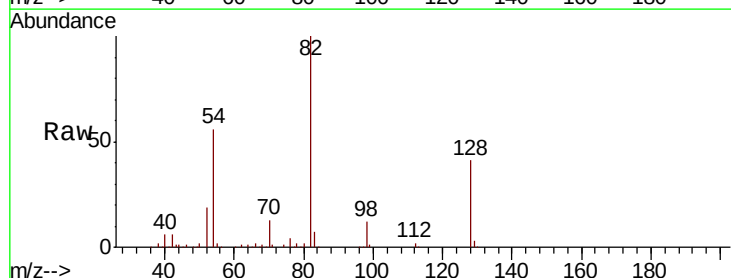
Instrument :
BNA_G
ClientSampleId :
DFTPP

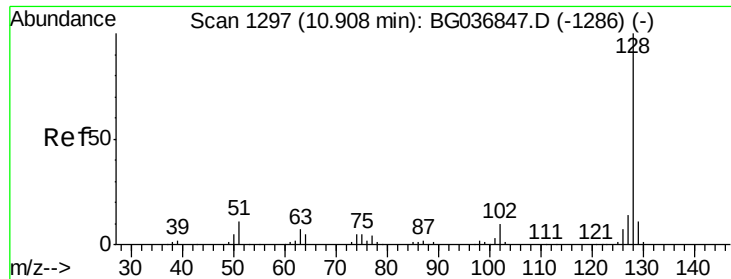
Tgt Ion:	136	Resp:	172448
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	10.3	9.2	13.8
68	6.6	5.8	8.6



#23
Nitrobenzene-d5
Concen: 87.710 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036937.D
Acq: 25 Sep 2018 4:15

Tgt Ion:	82	Resp:	282448
Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.3	49.9
54	56.2	45.1	67.7

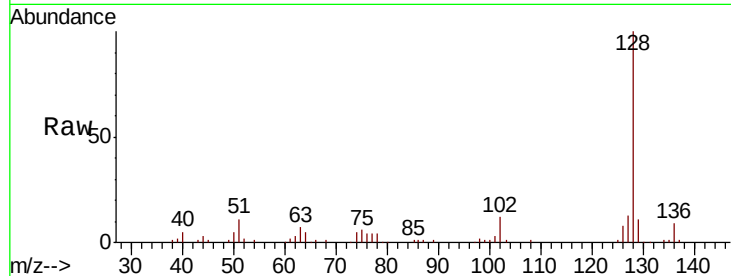




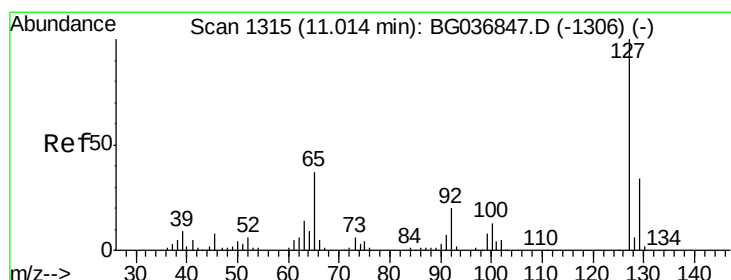
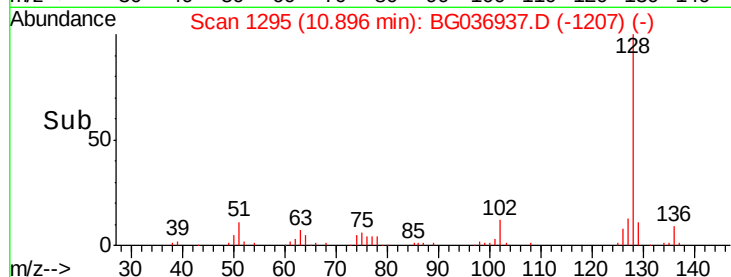
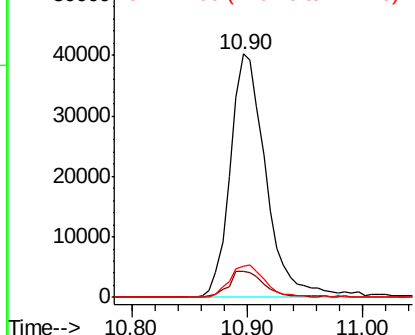
#31
Naphthalene
Concen: 10.463 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG036937.D
Acq: 25 Sep 2018 4:15

Instrument :
BNA_G
ClientSampled :
DFTPP

Tgt Ion:128 Resp: 85850
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 12.9 11.0 16.4

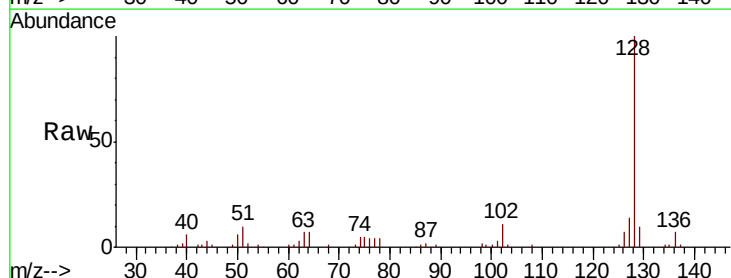


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

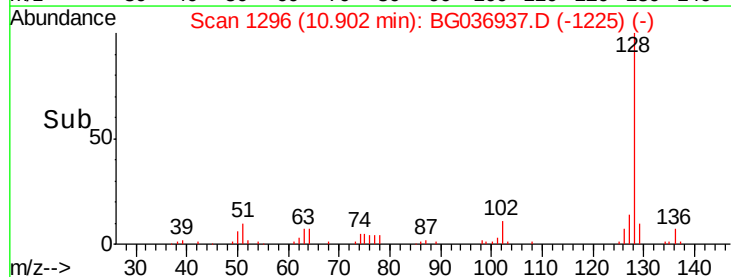
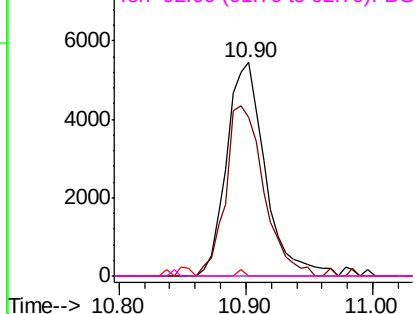


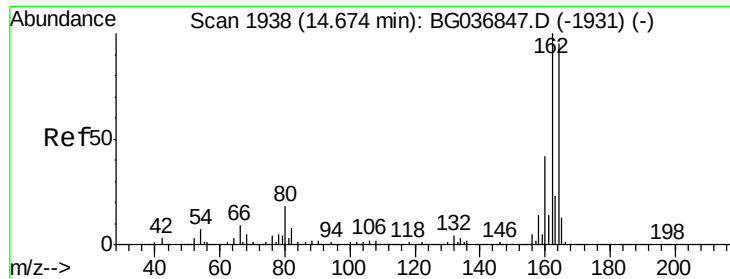
#33
4-Chloroaniline
Concen: 3.074 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.11 min
Lab File: BG036937.D
Acq: 25 Sep 2018 4:15

Tgt Ion:127 Resp: 11467
Ion Ratio Lower Upper
127 100
129 74.1 25.9 38.9#
65 0.0 27.5 41.3#
92 0.0 16.2 24.2#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036937.D

Acq: 25 Sep 2018 4:15

Instrument :

BNA_G

ClientSampleId :

DFTPP

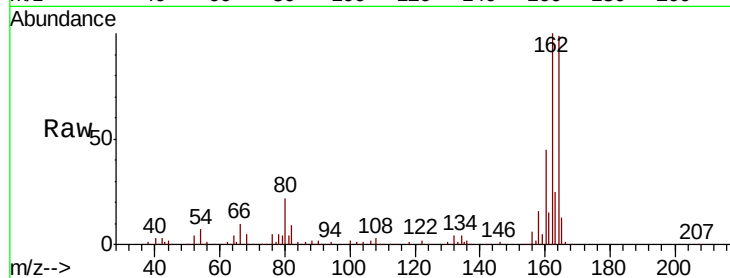
Tgt Ion:164 Resp: 117352

Ion Ratio Lower Upper

164 100

162 100.6 80.7 121.1

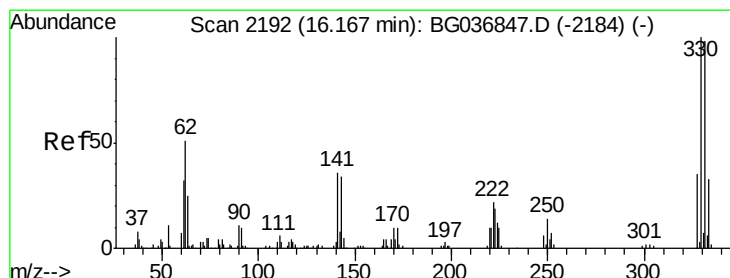
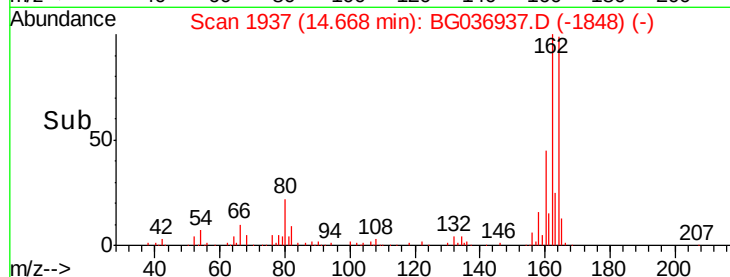
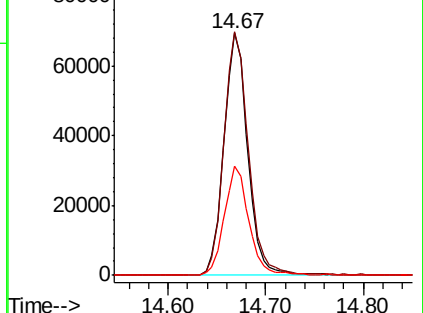
160 45.0 35.3 52.9



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: 128.449 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036937.D

Acq: 25 Sep 2018 4:15

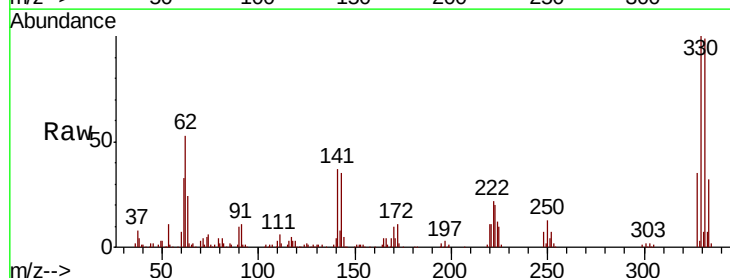
Tgt Ion:330 Resp: 180348

Ion Ratio Lower Upper

330 100

332 96.3 75.4 113.2

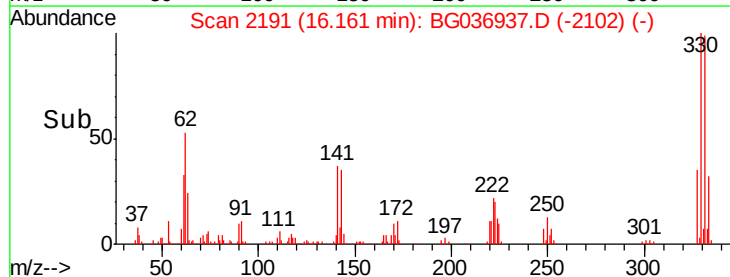
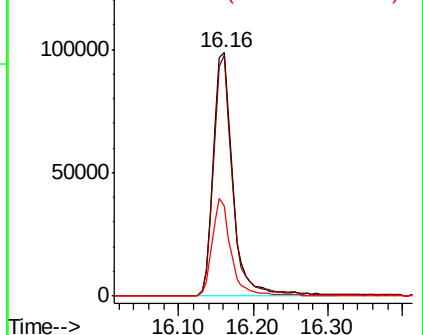
141 38.5 30.7 46.1

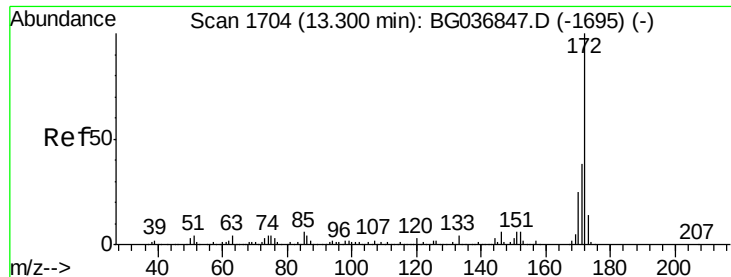


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

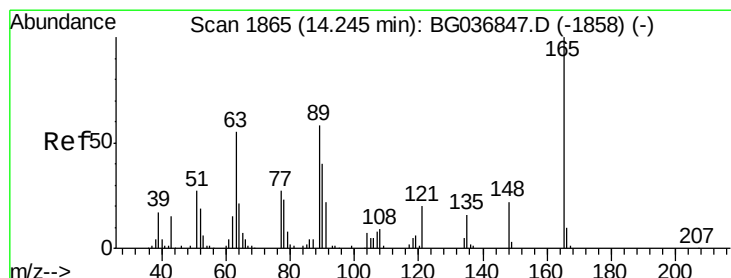
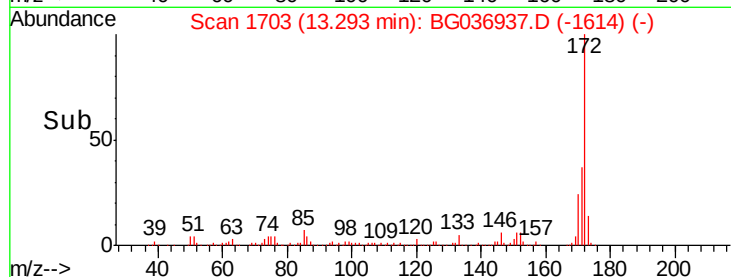
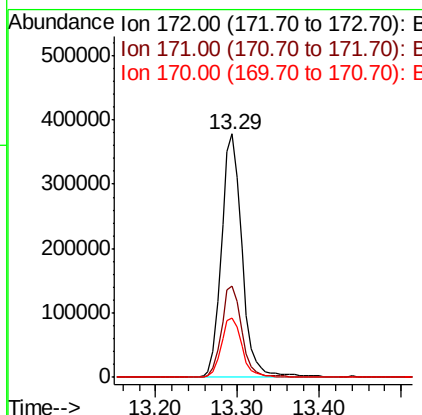
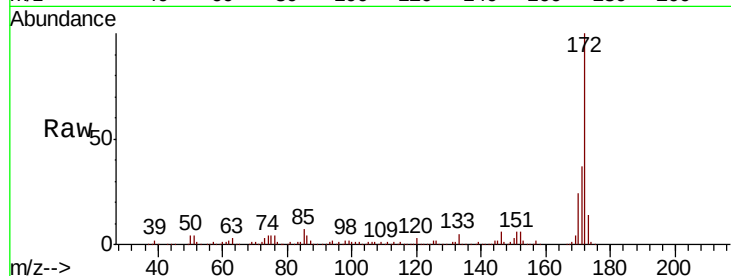




#44
 2-Fluorobiphenyl
 Concen: 84.190 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036937.D
 Acq: 25 Sep 2018 4:15

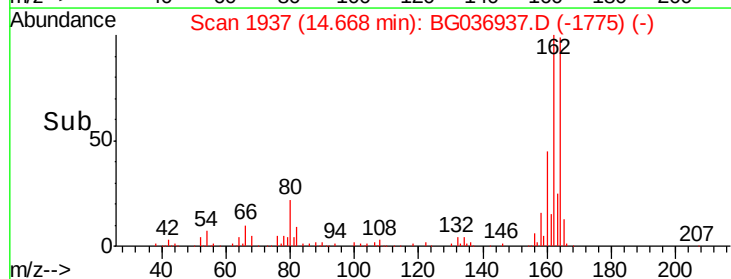
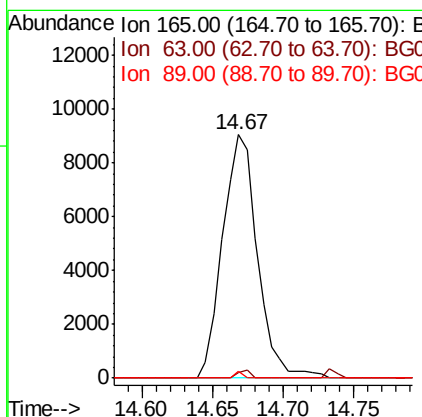
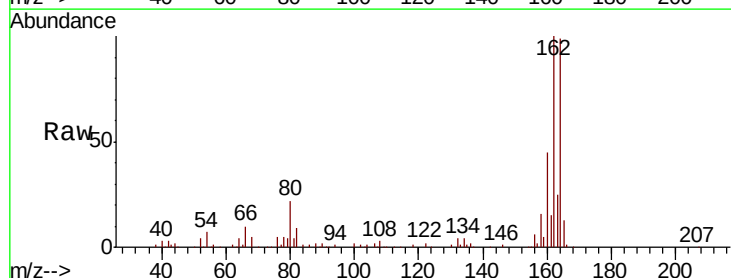
Instrument :
 BNA_G
 ClientSampleID :
 DFTPP

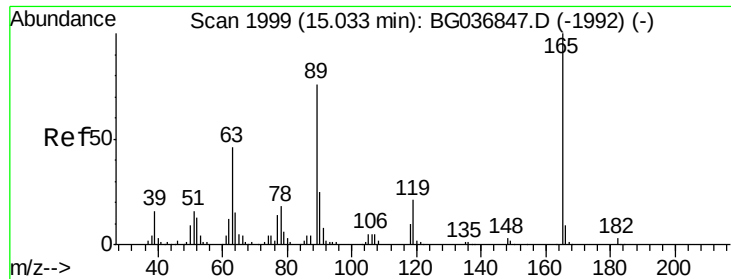
Tgt Ion:172 Resp: 663351
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.3 46.9
 170 24.4 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.521 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.42 min
 Lab File: BG036937.D
 Acq: 25 Sep 2018 4:15

Tgt Ion:165 Resp: 15501
 Ion Ratio Lower Upper
 165 100
 63 2.5 50.1 75.1#
 89 2.9 47.8 71.6#

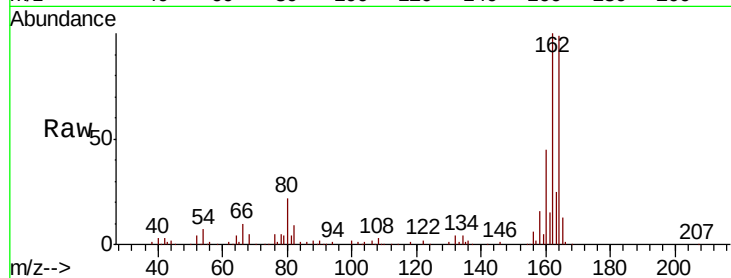




#56
 2,4-Dinitrotoluene
 Concen: 5.390 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.36 min
 Lab File: BG036937.D
 Acq: 25 Sep 2018 4:15

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	40.1	60.1#
89	2.9	63.7	95.5#
182	0.0	2.5	3.7#

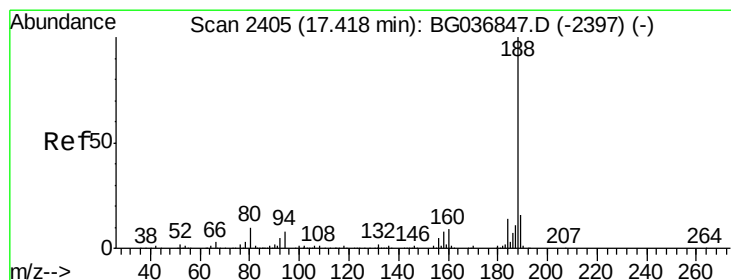
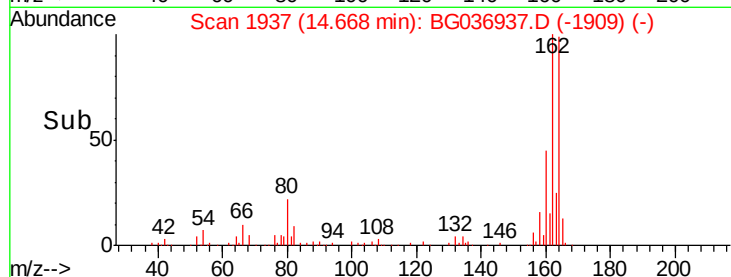
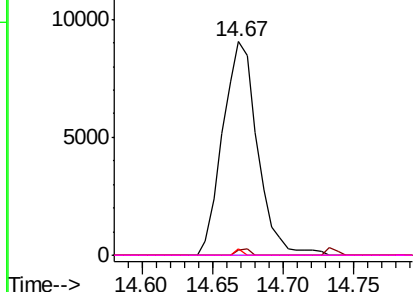


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

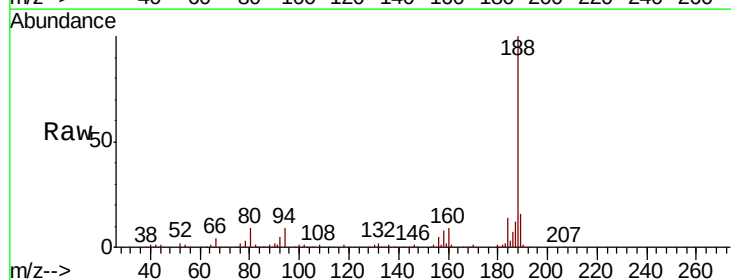
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036937.D
 Acq: 25 Sep 2018 4:15

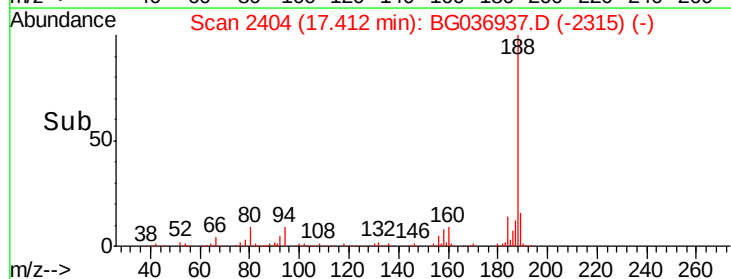
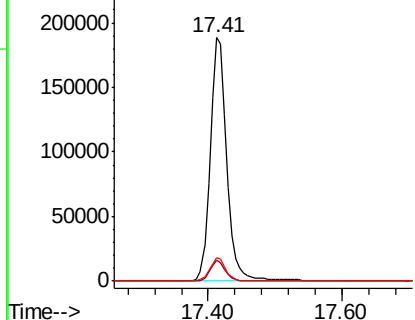
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	9.4	8.1	12.1

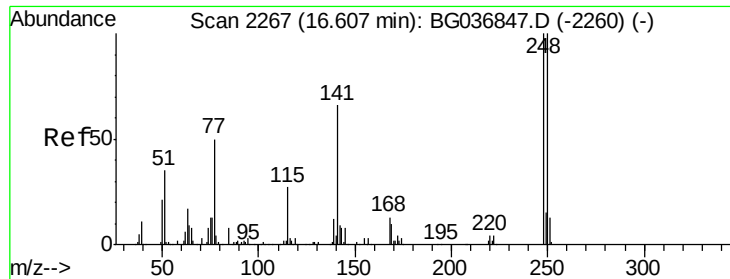


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

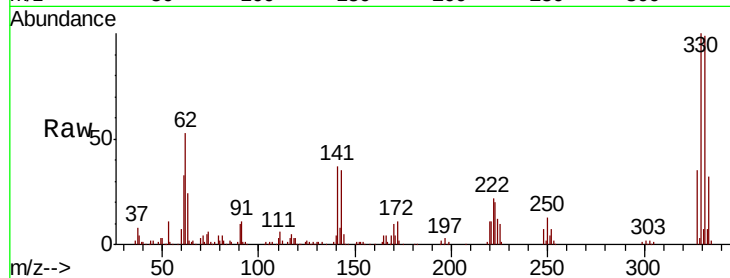




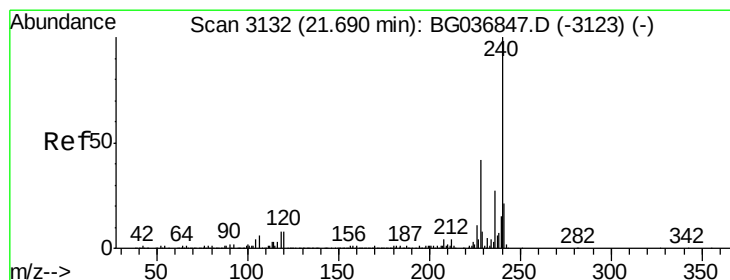
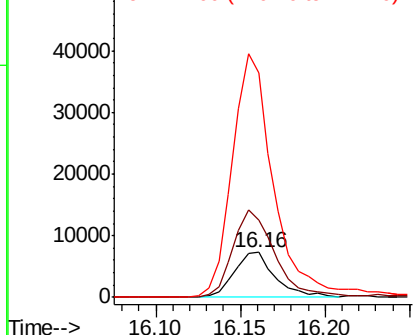
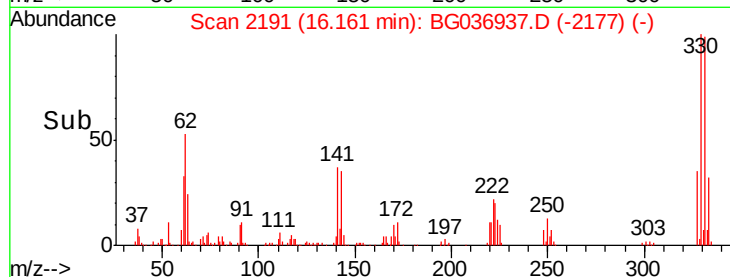
#66
 4-Bromophenyl-phenylether
 Concen: 3.289 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.45 min
 Lab File: BG036937.D
 Acq: 25 Sep 2018 4:15

Instrument :
 BNA_G
 ClientSampled :
 DFTPP

Tgt Ion:248 Resp: 12261
 Ion Ratio Lower Upper
 248 100
 250 170.9 78.1 117.1#
 141 499.5 53.7 80.5#

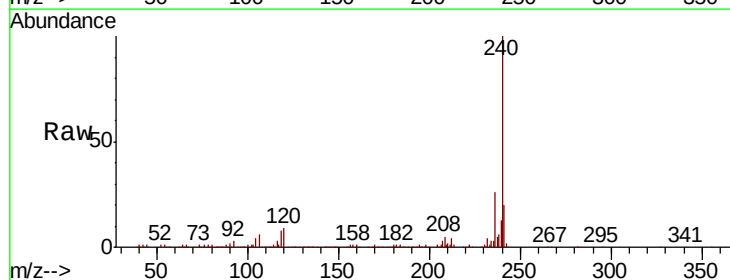


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

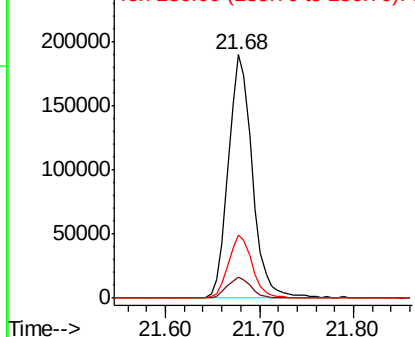
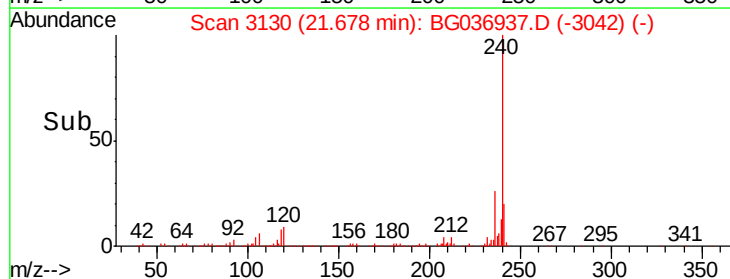


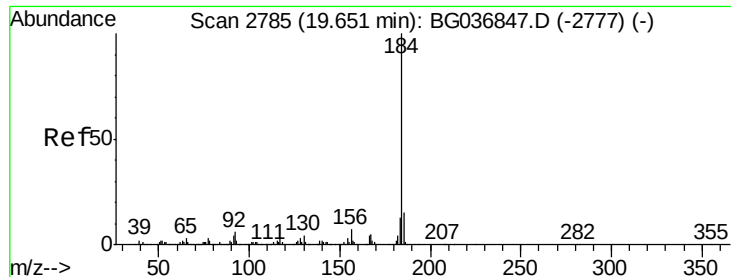
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG036937.D
 Acq: 25 Sep 2018 4:15

Tgt Ion:240 Resp: 336702
 Ion Ratio Lower Upper
 240 100
 120 8.8 6.9 10.3
 236 26.2 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

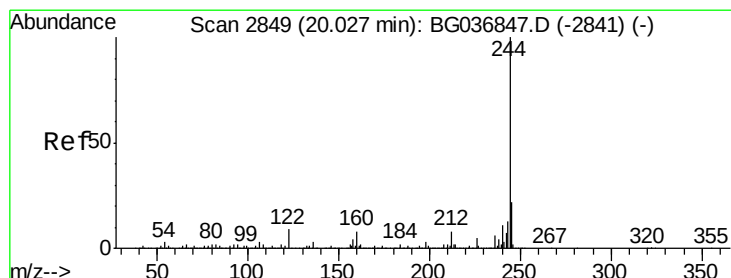
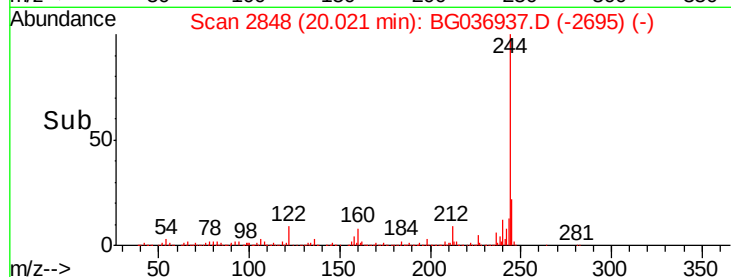
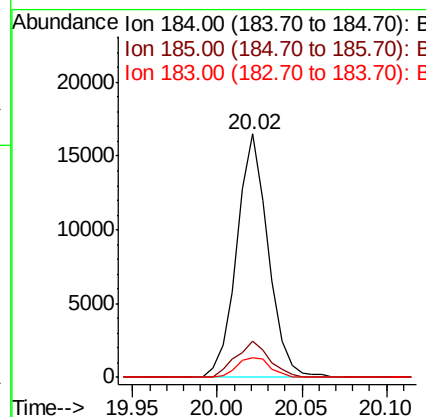
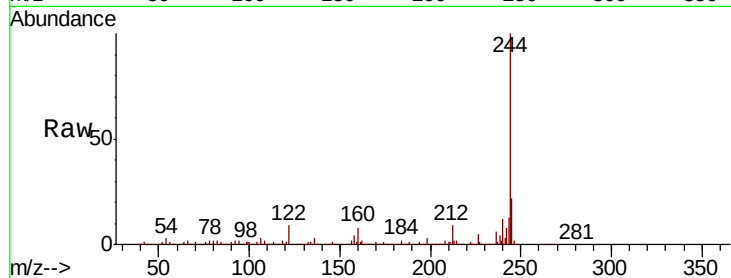




#76
Benzidine
Concen: 2.084 ng
RT: 20.02 min Scan# 2848
Delta R.T. 0.37 min
Lab File: BG036937.D
Acq: 25 Sep 2018 4:15

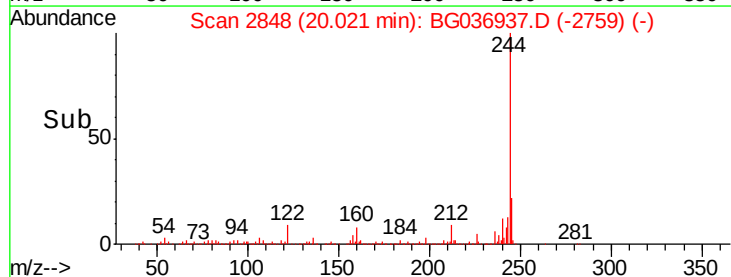
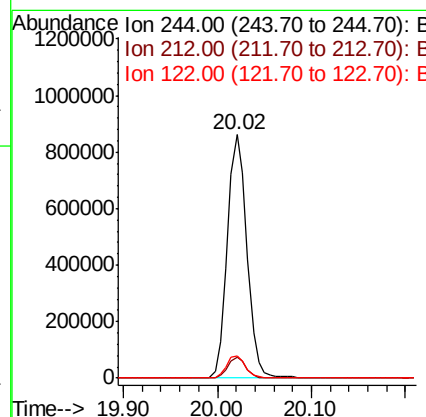
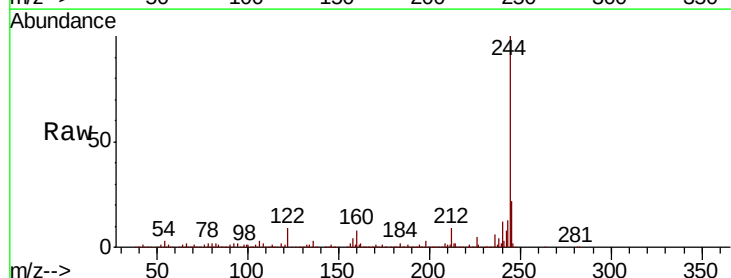
Instrument :
BNA_G
ClientSampleId :
DFTPP

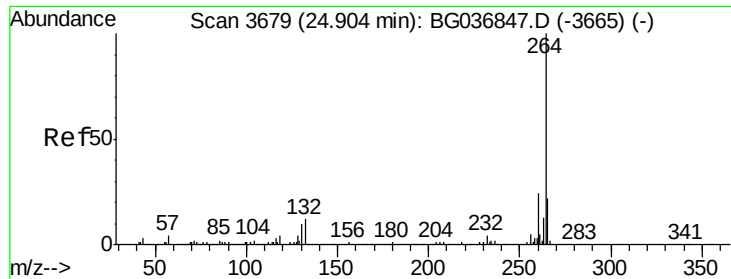
Tgt Ion:184 Resp: 21216
Ion Ratio Lower Upper
184 100
185 14.9 12.6 18.8
183 7.9 10.9 16.3#



#78
Terphenyl-d14
Concen: 97.965 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036937.D
Acq: 25 Sep 2018 4:15

Tgt Ion:244 Resp: 1254423
Ion Ratio Lower Upper
244 100
212 8.7 7.0 10.6
122 8.9 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036937.D
Acq: 25 Sep 2018 4:15

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.6	29.4
265	21.4	17.4	26.0

