

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077918.D
 Acq On : 24 Mar 2015 18:24
 Operator : TP/IZ
 Sample : G1616-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SVOC-GPC-BLANK

Quant Time: Mar 25 00:10:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 00:51:55 2015
 Response via : Initial Calibration

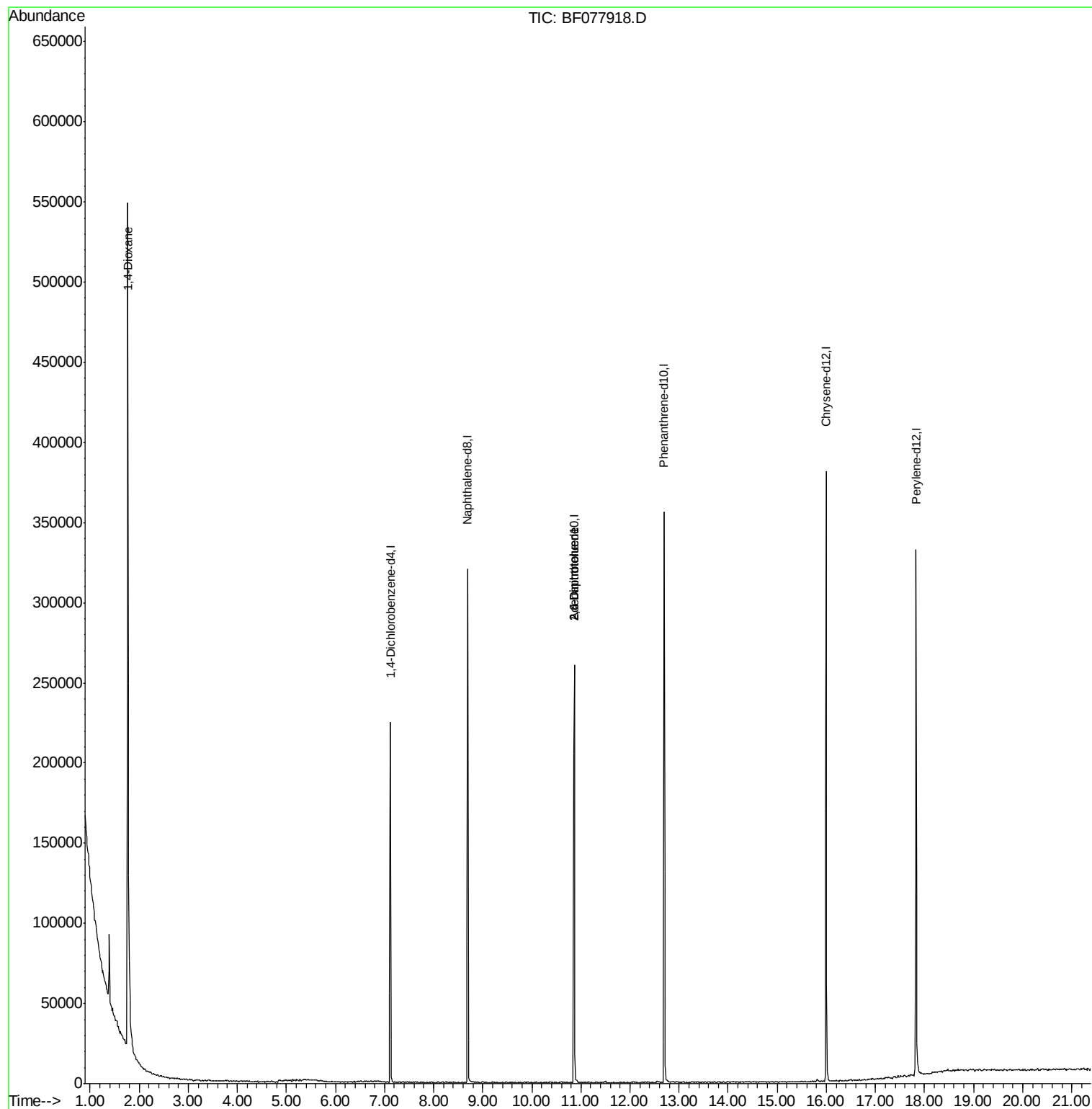
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	38493	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	159907	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	75213	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	155696	20.00	ng	0.00
75) Chrysene-d12	16.00	240	172606	20.00	ng	0.02
86) Perylene-d12	17.83	264	160041	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
2) 1,4-Dioxane	1.77	88	21802	21.78	ng	# 100
50) 2,6-Dinitrotoluene	10.86	165	9356	8.09	ng	# 24
56) 2,4-Dinitrotoluene	10.86	165	9356	6.20	ng	# 11

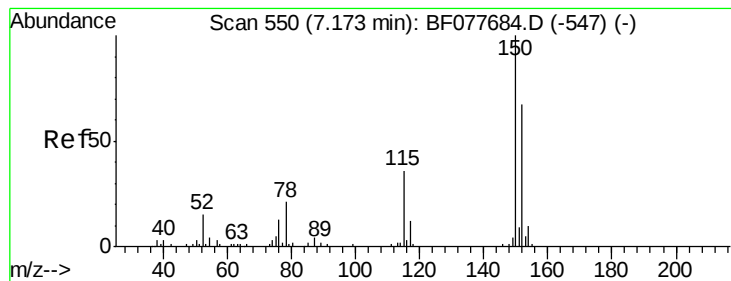
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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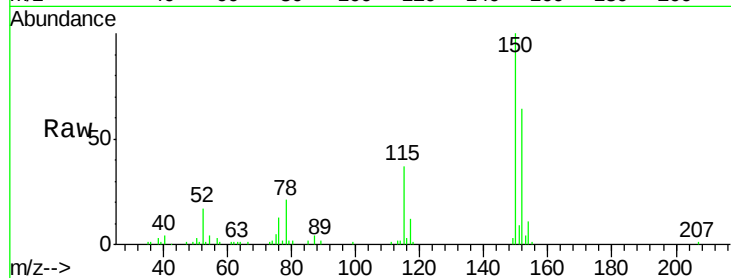


#1

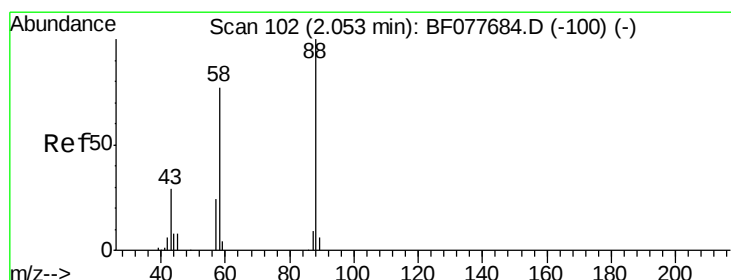
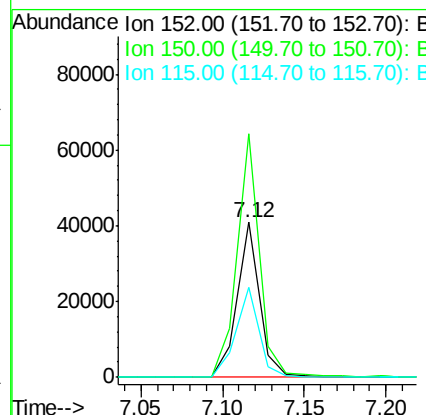
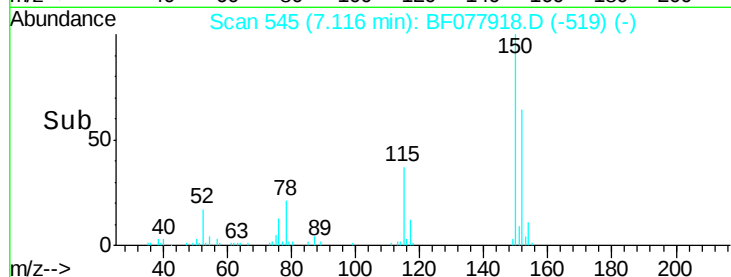
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF077918.D
Acq: 24 Mar 2015 18:24

Instrument :
BNA_F
ClientSampleId :
SVOC-GPC-BLANK

Tgt Ion:152 Resp: 38493
Ion Ratio Lower Upper
152 100
150 157.0 119.5 179.3
115 58.1 43.0 64.4



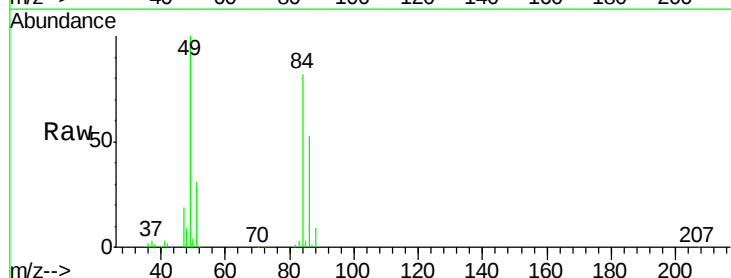
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



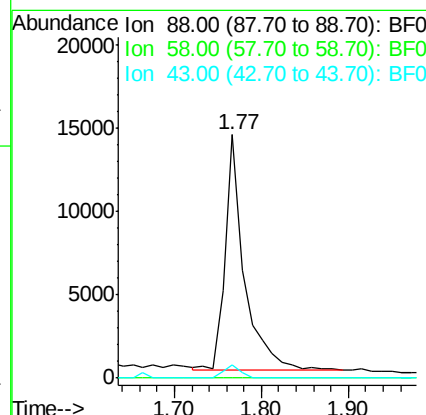
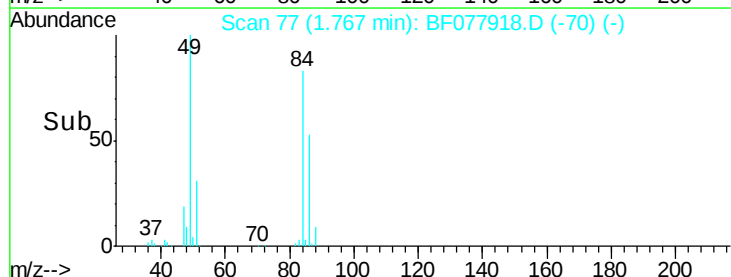
#2

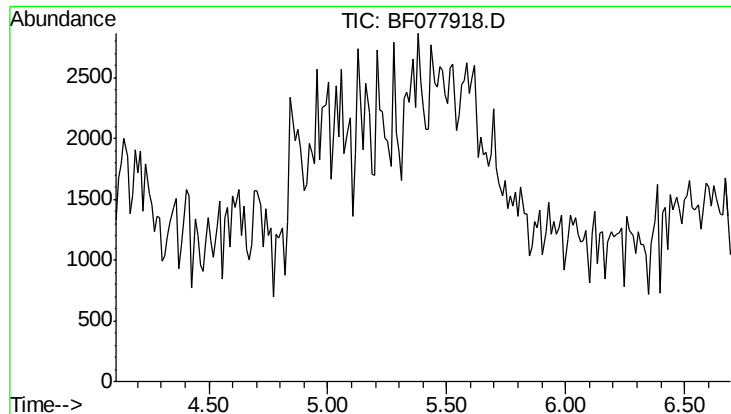
1,4-Dioxane
Concen: 21.78 ng
RT: 1.77 min Scan# 77
Delta R.T. -0.22 min
Lab File: BF077918.D
Acq: 24 Mar 2015 18:24

Tgt Ion: 88 Resp: 21802
Ion Ratio Lower Upper
88 100
58 0.0 0.0 0.0
43 4.7 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

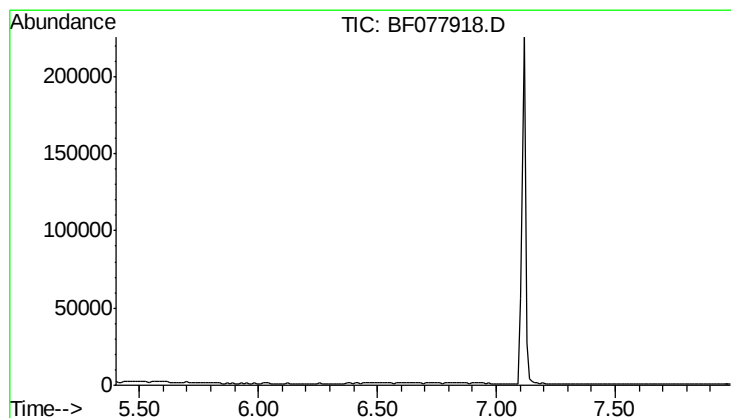
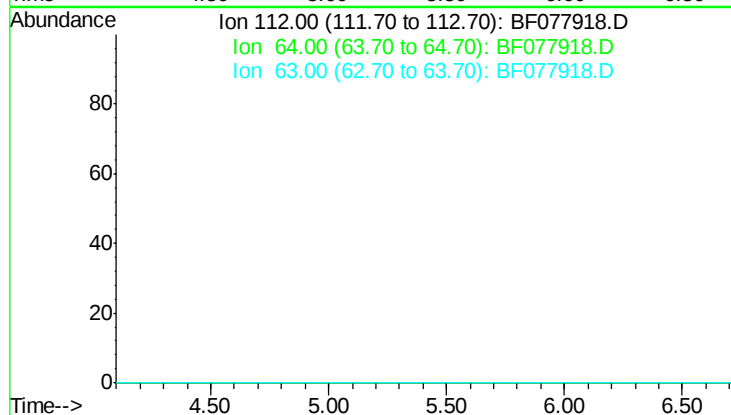




#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.40 min
 Lab File: BF077918.D
 Acq: 24 Mar 2015 18:24

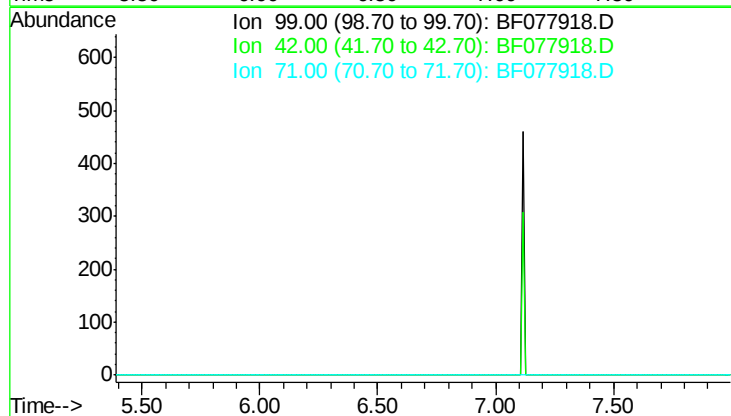
Instrument :
 BNA_F
 ClientSampleId :
 SVOC-GPC-BLANK

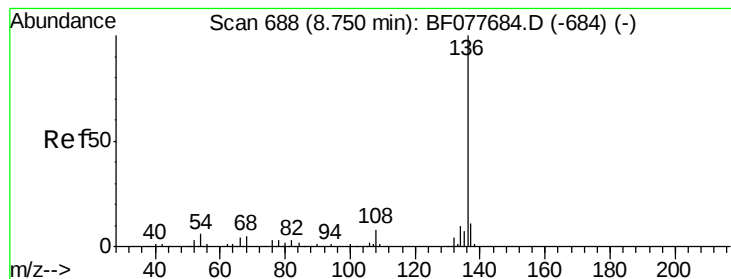
Tgt Ion	Exp Ratio
112	100
64	48.2
63	24.1



#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 6.69 min
 Lab File: BF077918.D
 Acq: 24 Mar 2015 18:24

Tgt Ion	Exp Ratio
99	100
42	13.7
71	29.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.69 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF077918.D

Acq: 24 Mar 2015 18:24

Instrument :

BNA_F

ClientSampleId :

SVOC-GPC-BLANK

Tgt Ion:136 Resp: 159907

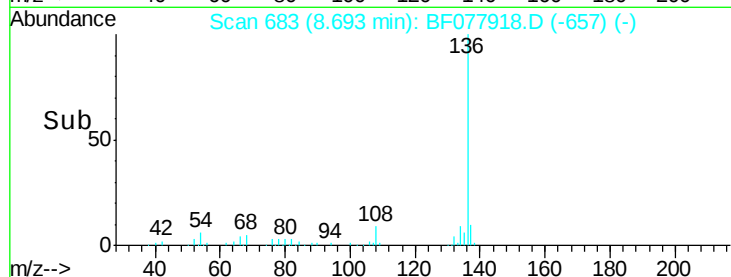
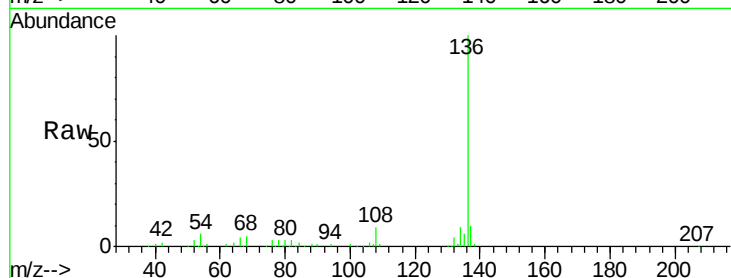
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 6.0 4.6 6.8

68 5.0 3.7 5.5



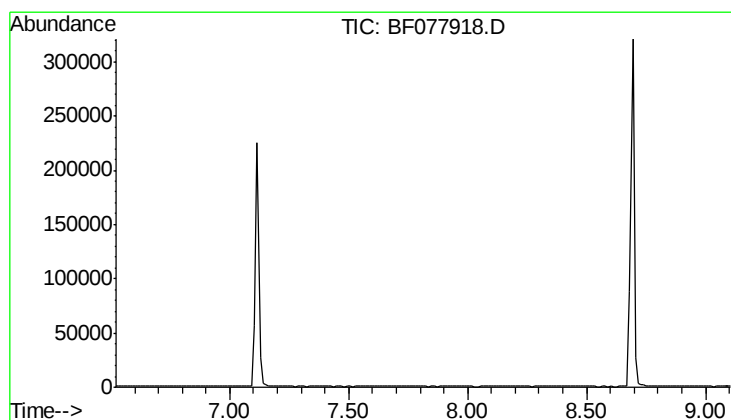
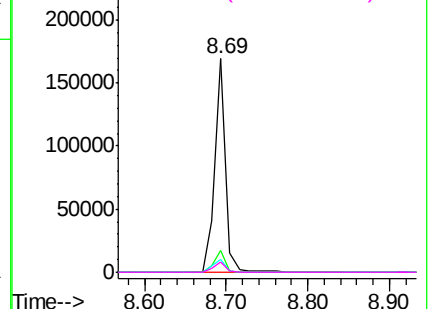
Abundance

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): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 0.00 ng

Expected RT: 7.81 min

Lab File: BF077918.D

Acq: 24 Mar 2015 18:24

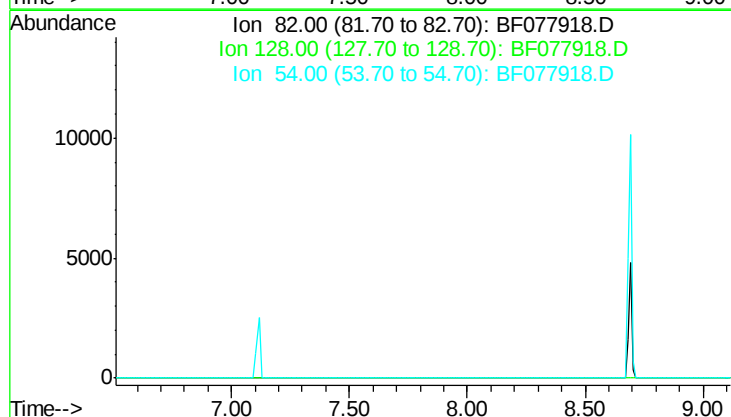
Tgt Ion: 82

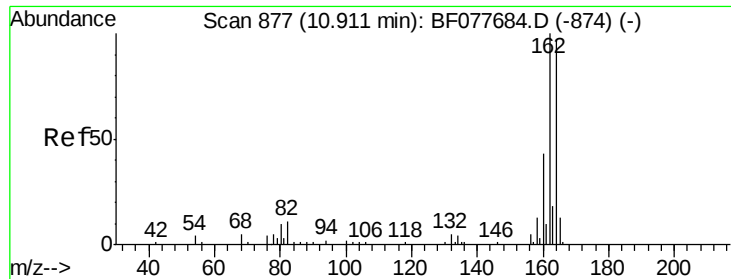
Sig Exp Ratio

82 100

128 41.0

54 50.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.86 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF077918.D

Acq: 24 Mar 2015 18:24

Instrument :

BNA_F

ClientSampleId :

SVOC-GPC-BLANK

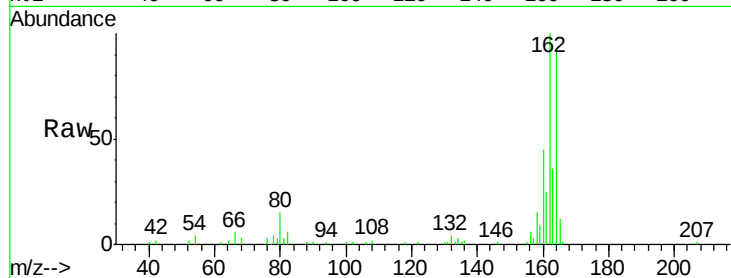
Tgt Ion:164 Resp: 75213

Ion Ratio Lower Upper

164 100

162 107.2 82.4 123.6

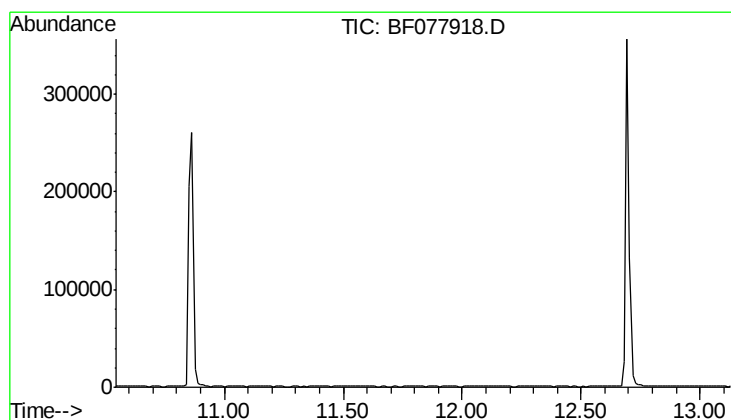
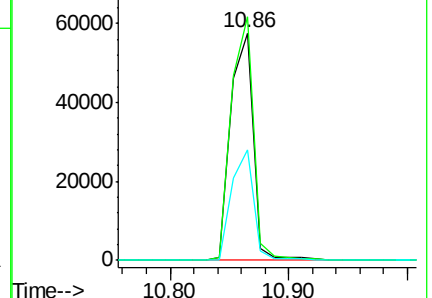
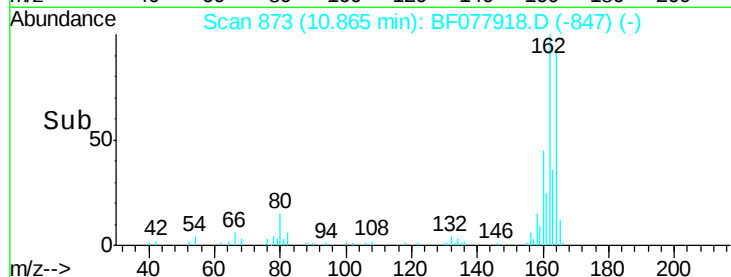
160 48.4 35.8 53.6



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: 0.00 ng

Expected RT: 11.84 min

Lab File: BF077918.D

Acq: 24 Mar 2015 18:24

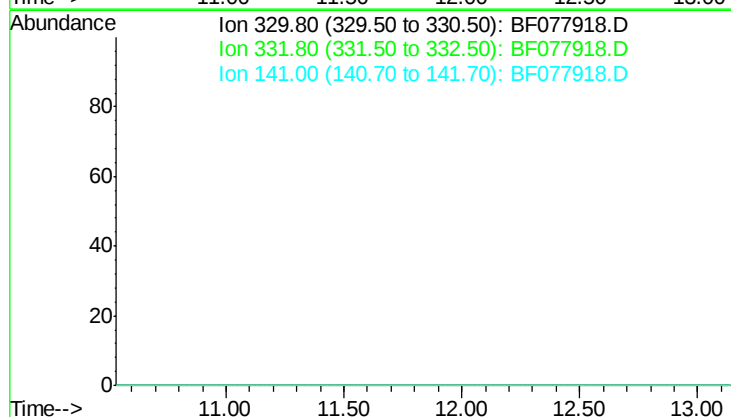
Tgt Ion: 330

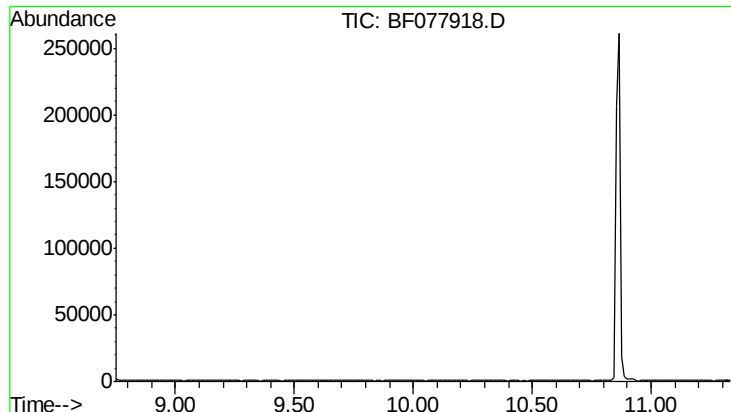
Sig Exp Ratio

330 100

332 0.0

141 0.0



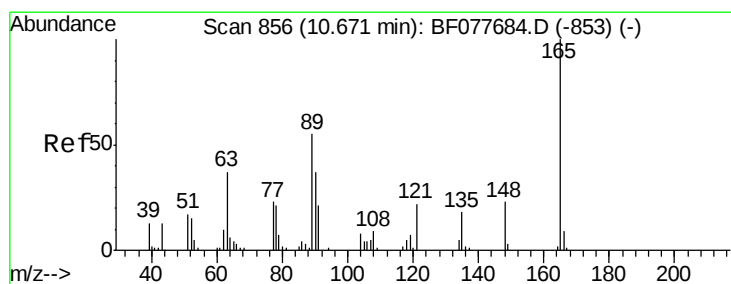
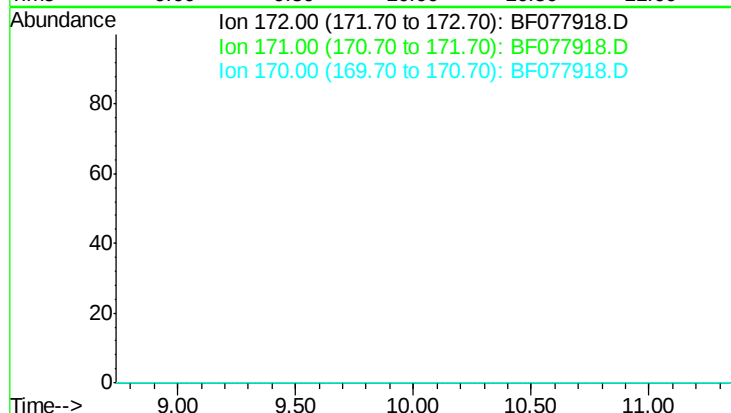


#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 10.04 min
 Lab File: BF077918.D
 Acq: 24 Mar 2015 18:24

Instrument :
 BNA_F
 ClientSampleId :
 SVOC-GPC-BLANK

Tgt Ion: 172

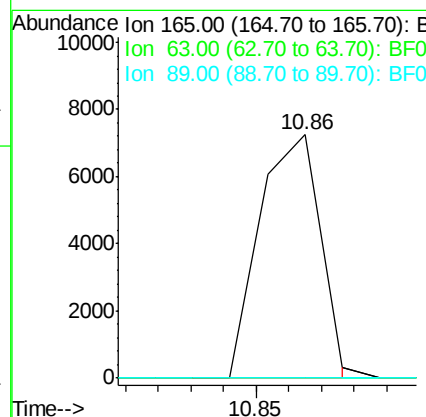
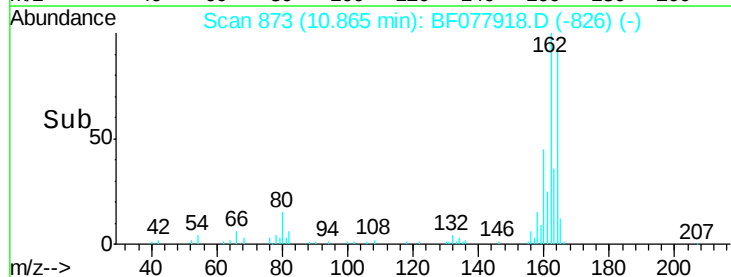
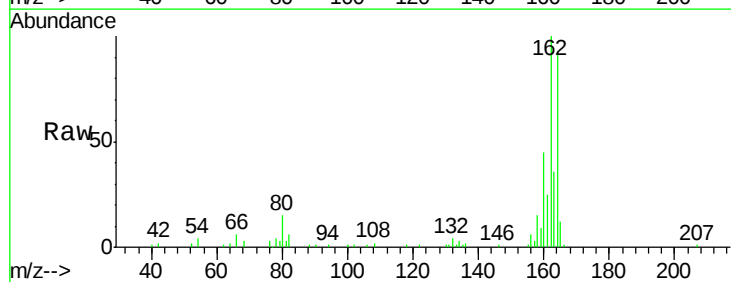
Sig	Exp Ratio
172	100
171	35.6
170	23.5

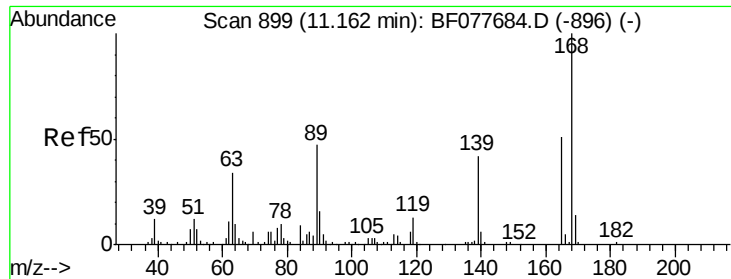


#50
 2,6-Dinitrotoluene
 Concen: 8.09 ng
 RT: 10.86 min Scan# 873
 Delta R.T. 0.24 min
 Lab File: BF077918.D
 Acq: 24 Mar 2015 18:24

Tgt Ion: 165 Resp: 9356

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#

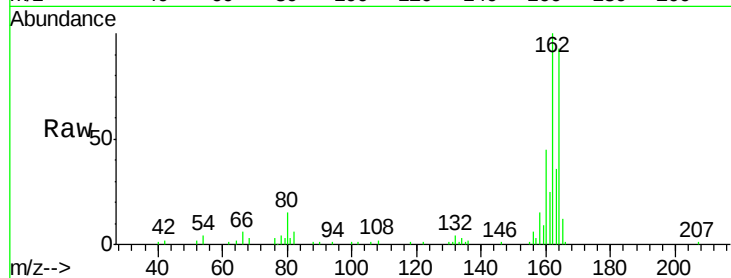




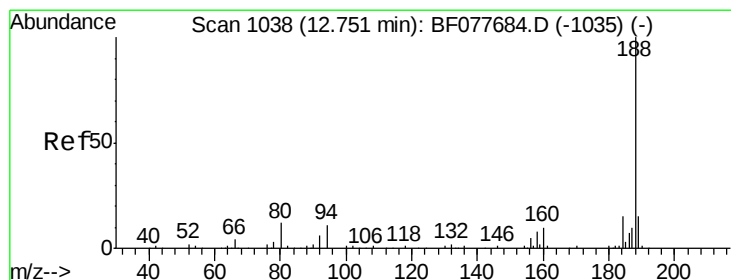
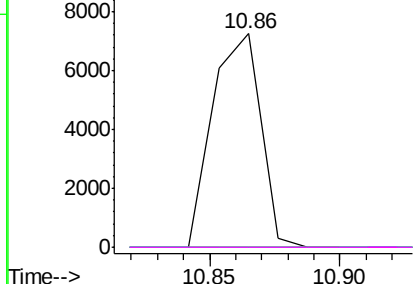
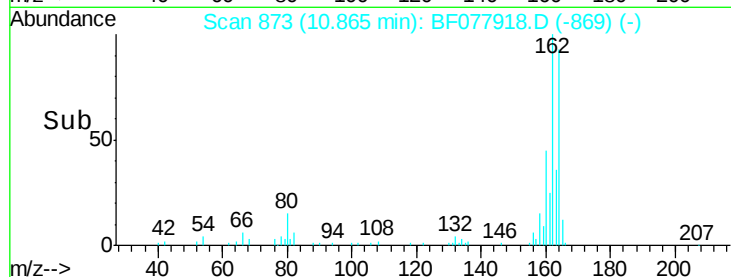
#56
 2,4-Dinitrotoluene
 Concen: 6.20 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.25 min
 Lab File: BF077918.D
 Acq: 24 Mar 2015 18:24

Instrument :
 BNA_F
 ClientSampleId :
 SVOC-GPC-BLANK

Tgt Ion:165 Resp: 9356
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.4 78.6#
 89 0.0 72.4 108.6#
 182 0.0 2.0 3.0#

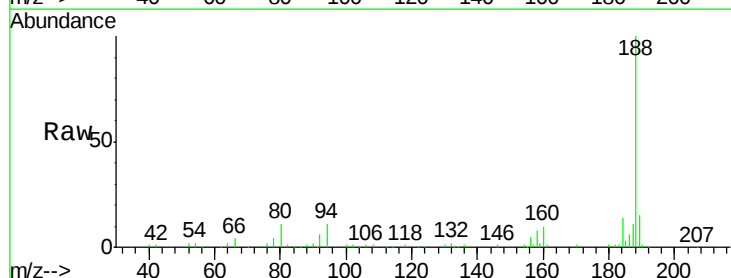


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

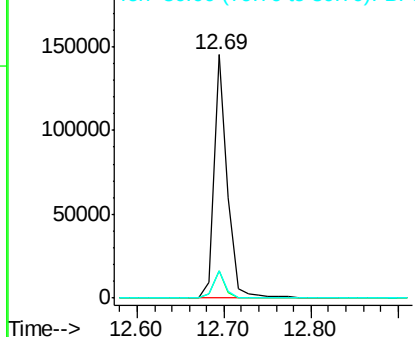
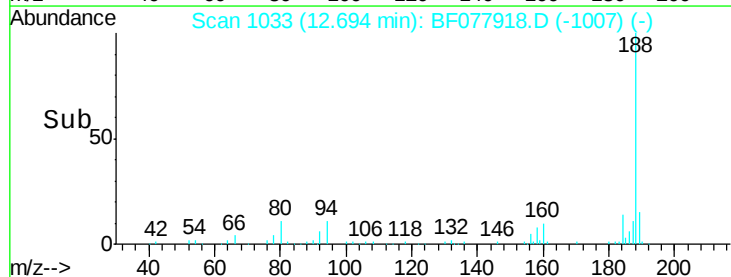


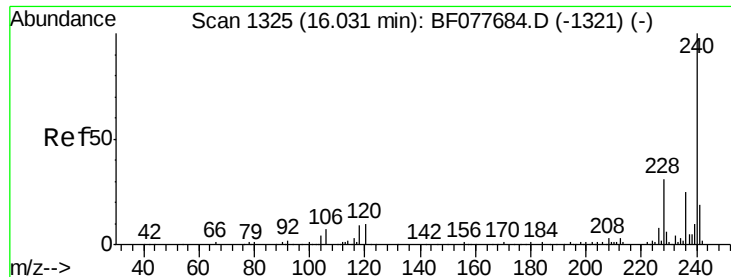
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.69 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF077918.D
 Acq: 24 Mar 2015 18:24

Tgt Ion:188 Resp: 155696
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.7 13.1
 80 11.4 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.00 min Scan# 1322

Delta R.T. 0.02 min

Lab File: BF077918.D

Acq: 24 Mar 2015 18:24

Instrument :

BNA_F

ClientSampleId :

SVOC-GPC-BLANK

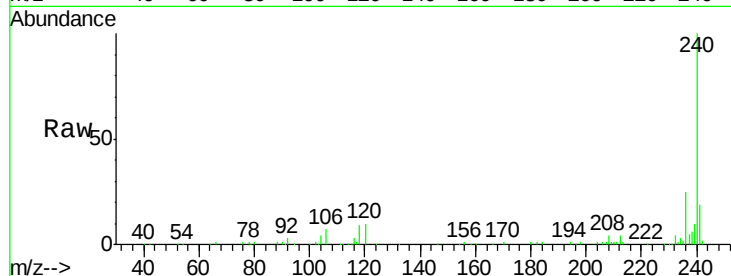
Tgt Ion: 240 Resp: 172606

Ion Ratio Lower Upper

240 100

120 9.8 8.2 12.2

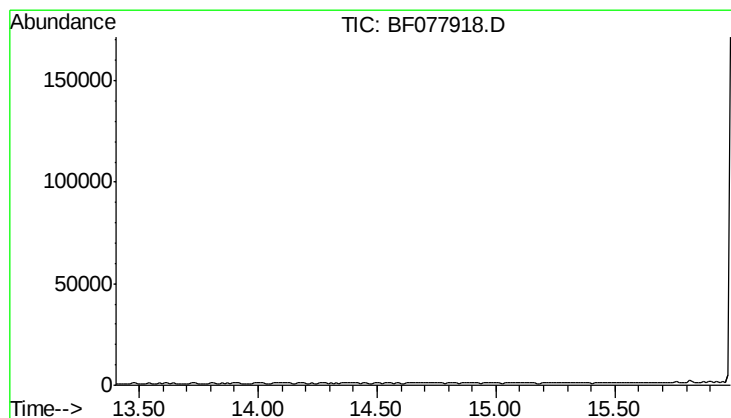
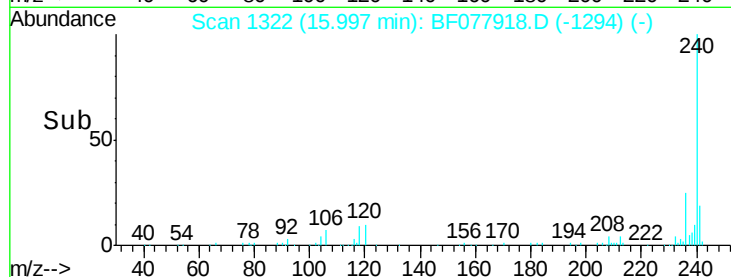
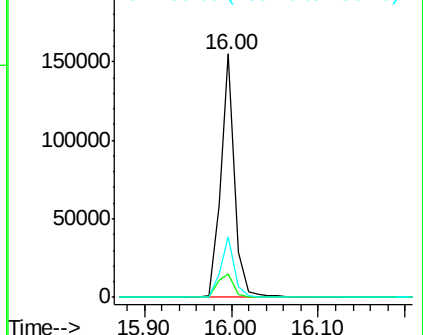
236 24.7 20.0 30.0



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



#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 14.69 min

Lab File: BF077918.D

Acq: 24 Mar 2015 18:24

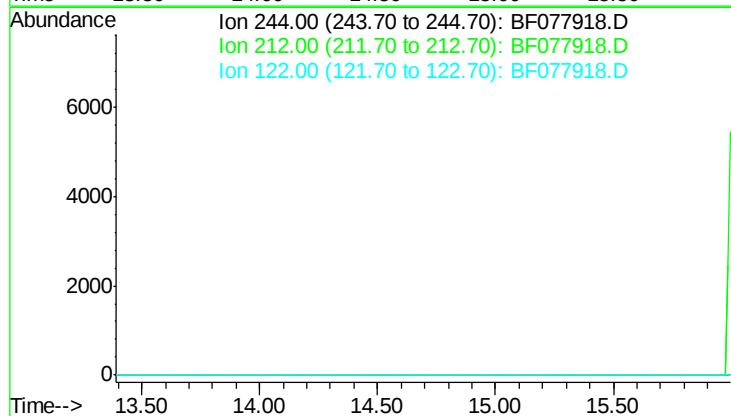
Tgt Ion: 244

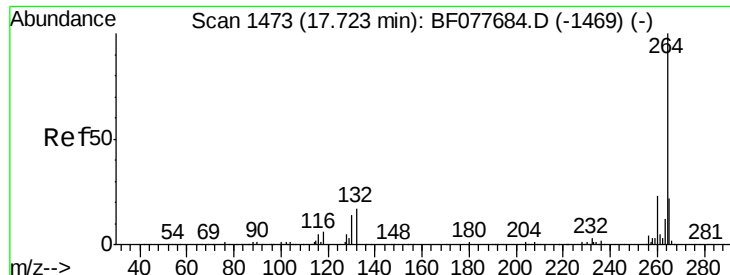
Sig Exp Ratio

244 100

212 6.1

122 7.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.83 min Scan# 1482
Delta R.T. 0.13 min
Lab File: BF077918.D
Acq: 24 Mar 2015 18:24

Instrument :
BNA_F
ClientSampleId :
SVOC-GPC-BLANK

Tgt Ion: 264 Resp: 160041
Ion Ratio Lower Upper
264 100
260 22.4 18.6 27.8
265 21.1 17.3 25.9

