

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 01:43:38 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 | R.T. | QIon | Response | Conc | Units |
|-----------------------------|------|------|----------|------|-------|
| 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    |

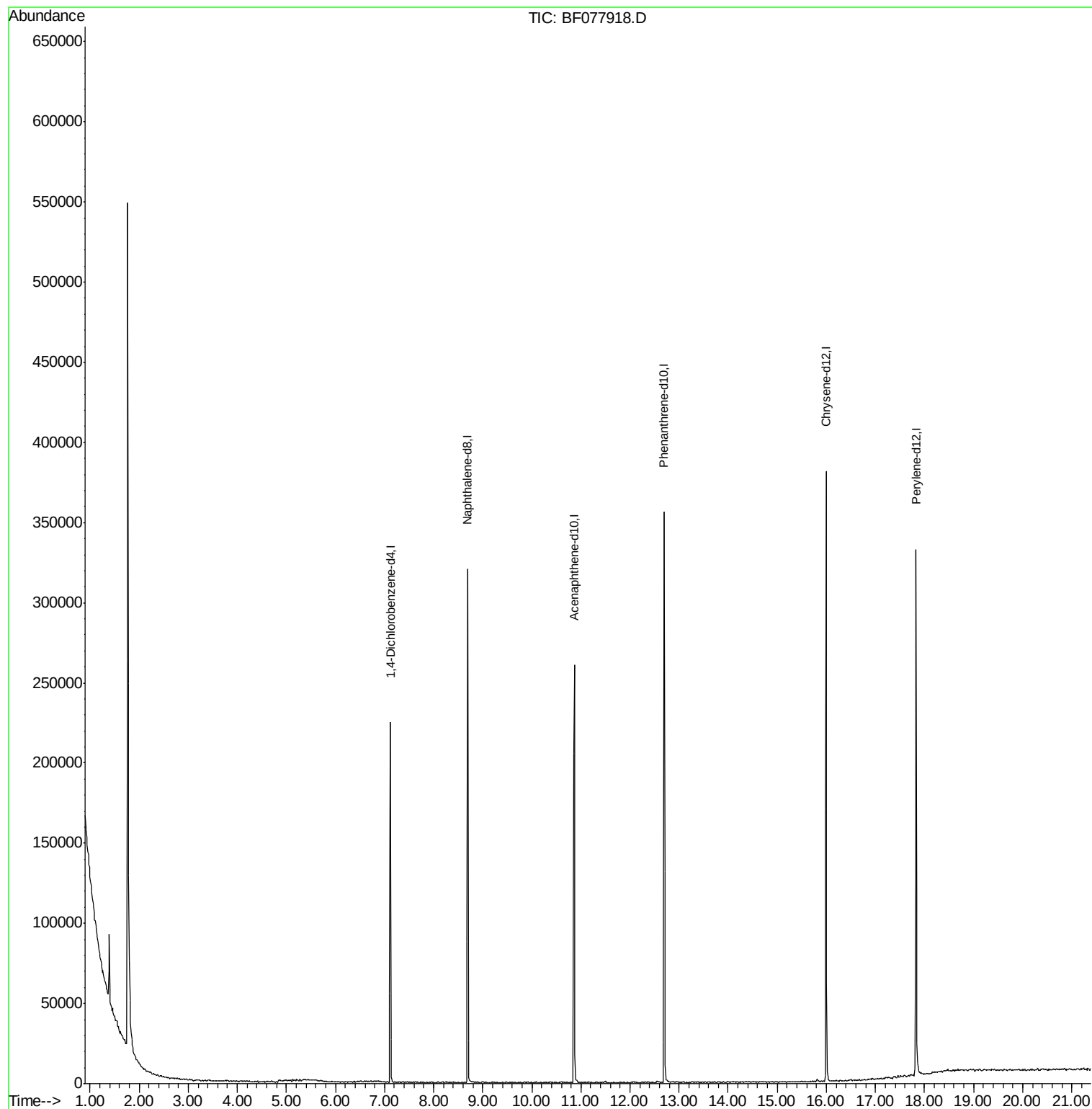
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

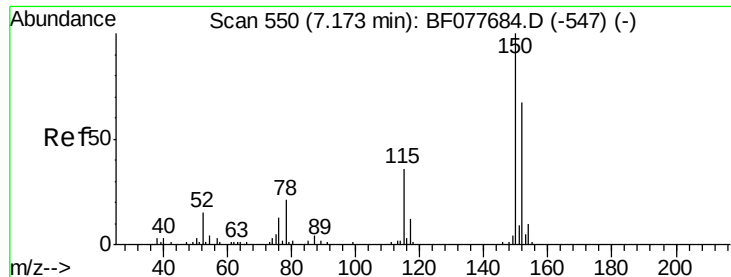
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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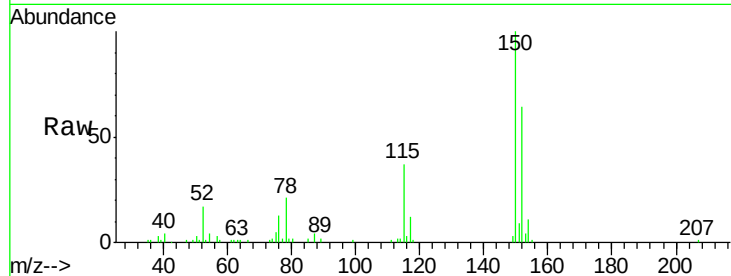


#1

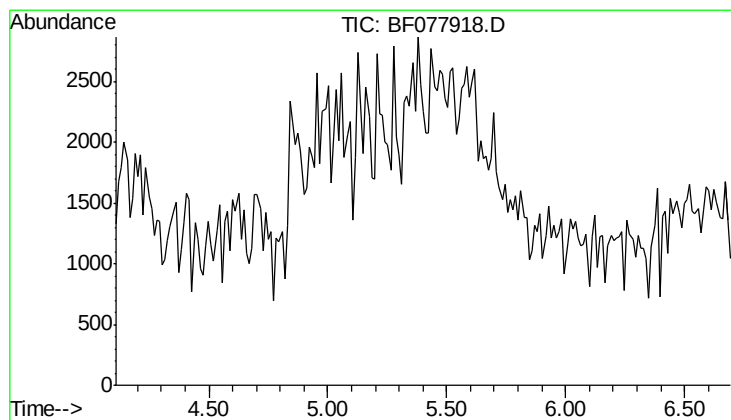
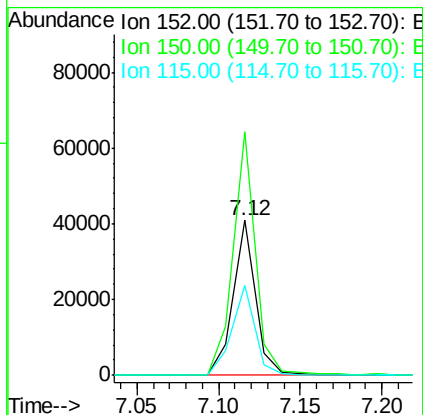
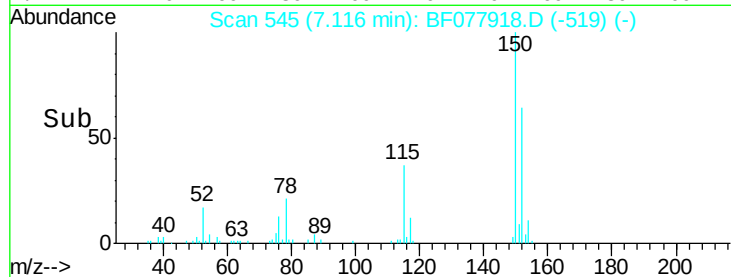
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.12 min Scan# 545  
Delta R.T. -0.00 min  
Lab File: BF077918.D  
Acq: 24 Mar 2015 18:24

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

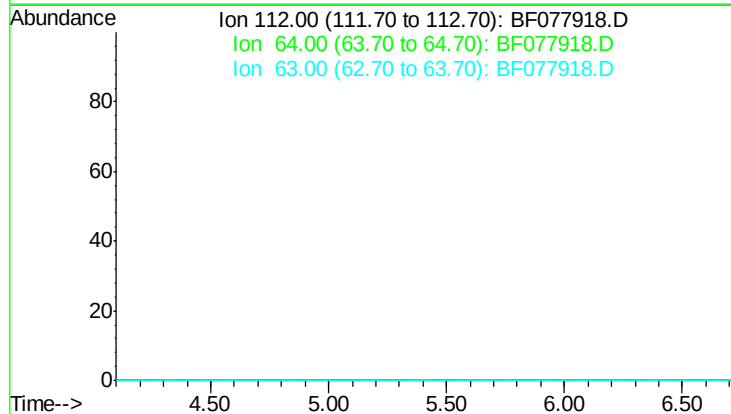


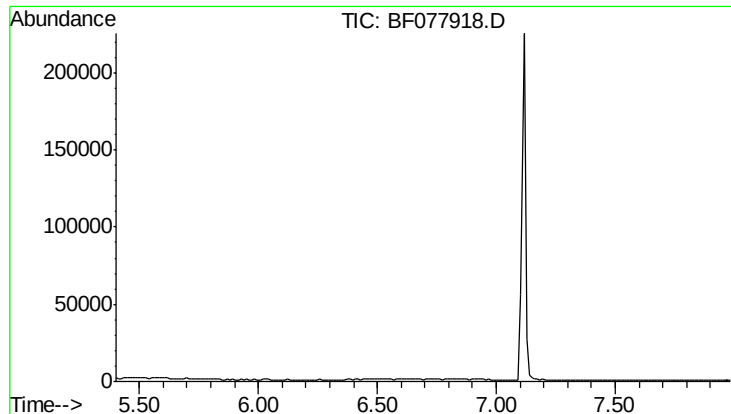
#5

2-Fluorophenol  
Concen: 0.00 ng  
Expected RT: 5.40 min

Lab File: BF077918.D  
Acq: 24 Mar 2015 18:24

Tgt Ion: 112  
Sig 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

Instrument :

BNA\_F

ClientSampleId :

SVOC-GPC-BLANK

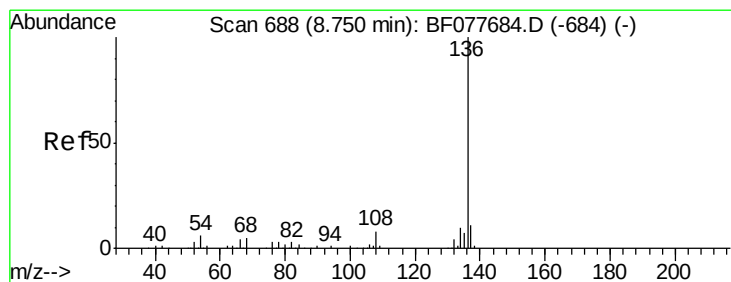
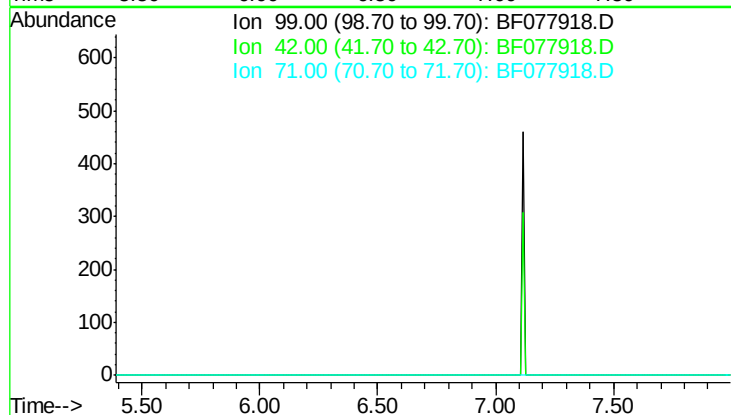
Tgt Ion: 99

Sig 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

Tgt Ion:136 Resp: 159907

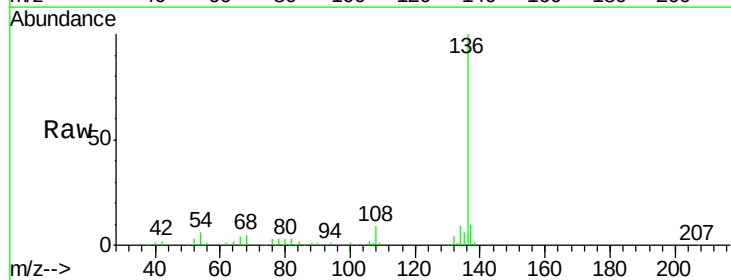
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 6.0 4.6 6.8

68 5.0 3.7 5.5

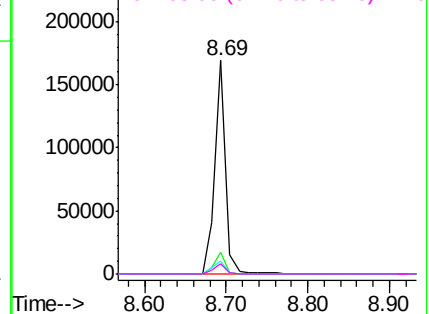
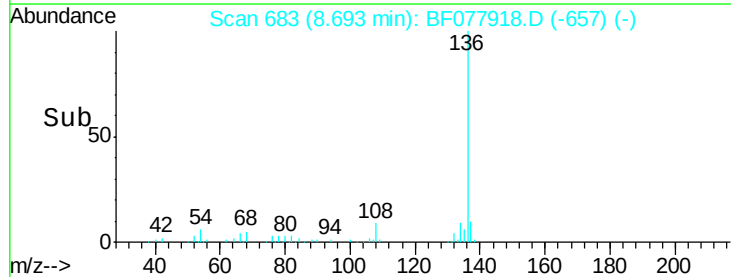


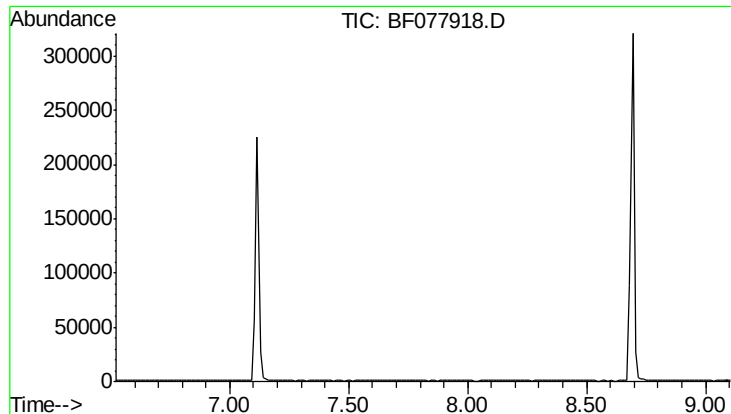
Abundance Ion 136.00 (135.70 to 136.70): E

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

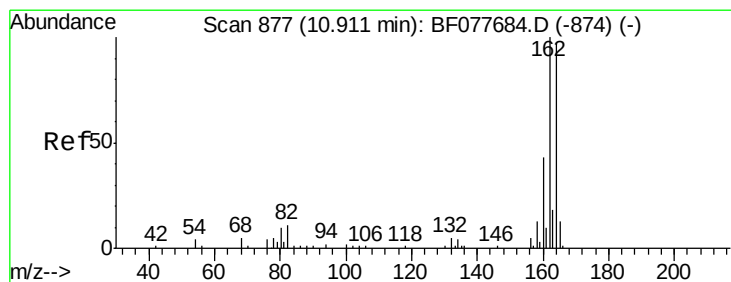
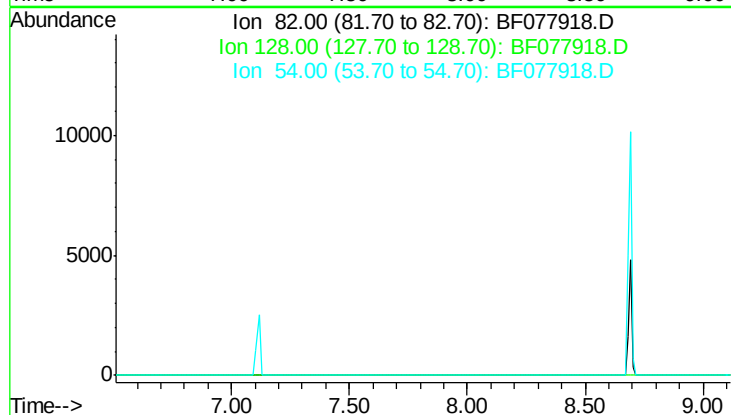




#23  
 Nitrobenzene-d5  
 Concen: 0.00 ng  
 Expected RT: 7.81 min  
 Lab File: BF077918.D  
 Acq: 24 Mar 2015 18:24

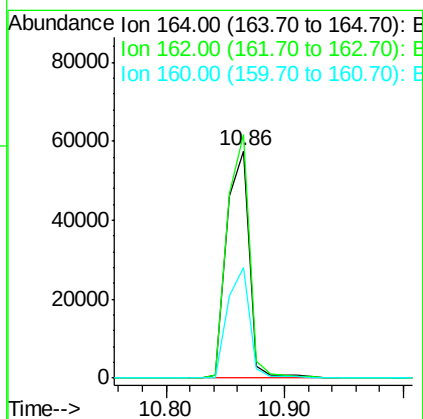
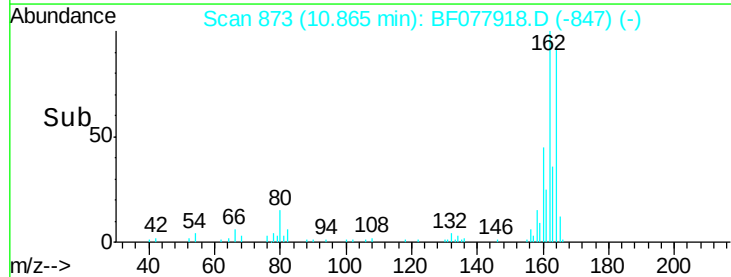
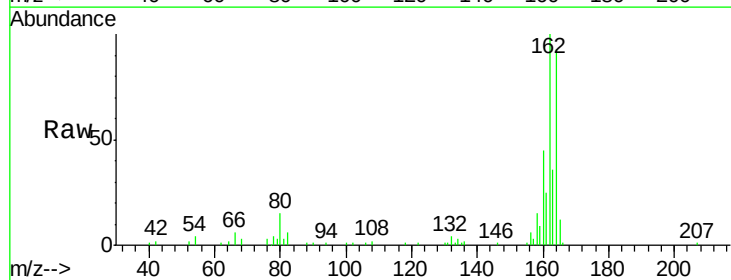
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SVOC-GPC-BLANK

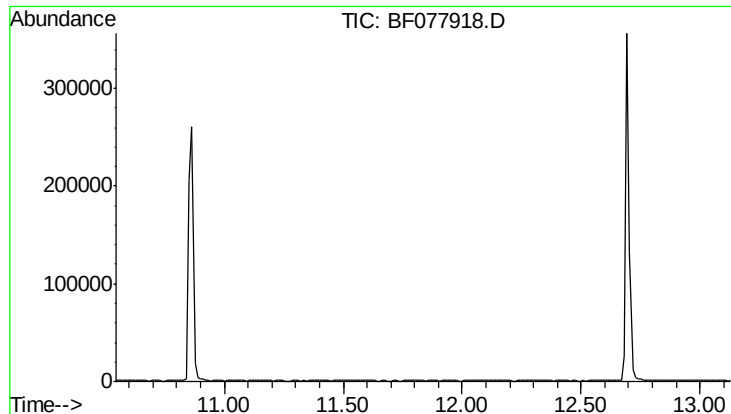
Tgt Ion: 82  
 Sig Exp Ratio  
 82 100  
 128 41.0  
 54 50.7



#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

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





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 11.84 min

Lab File: BF077918.D

Acq: 24 Mar 2015 18:24

Instrument :

BNA\_F

ClientSampleId :

SVOC-GPC-BLANK

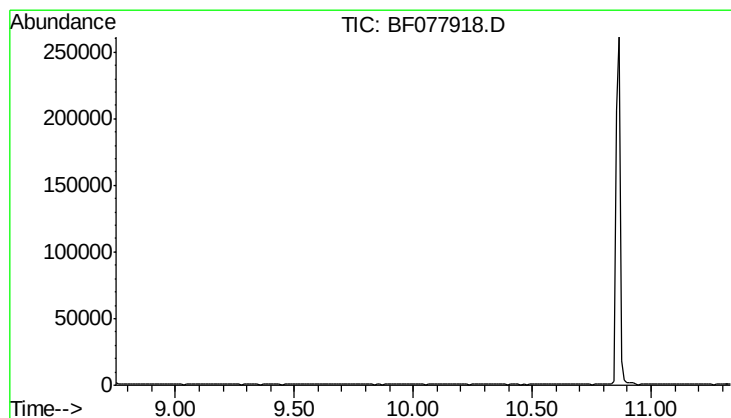
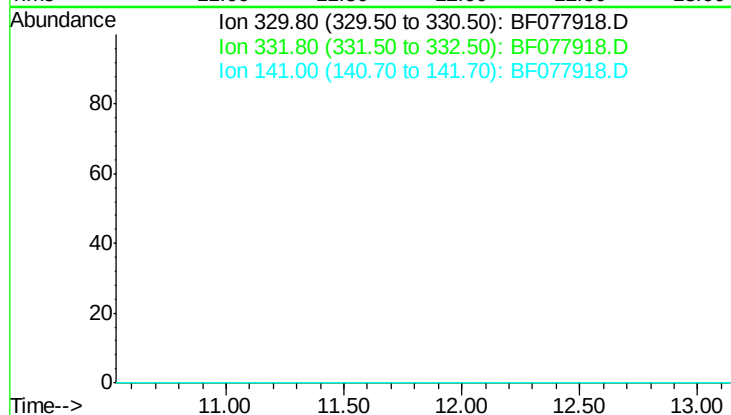
Tgt Ion: 330

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

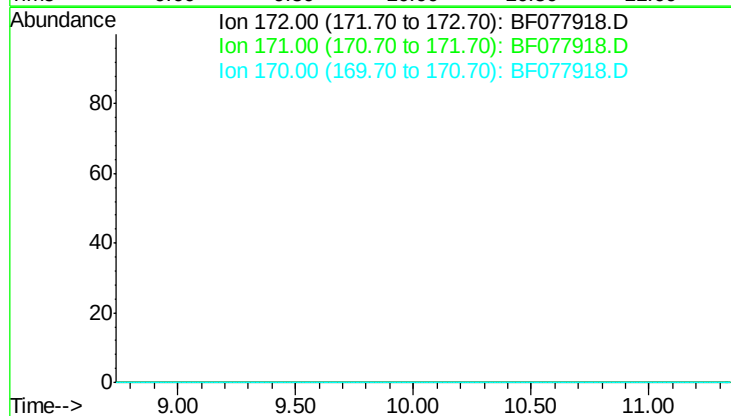
Tgt Ion: 172

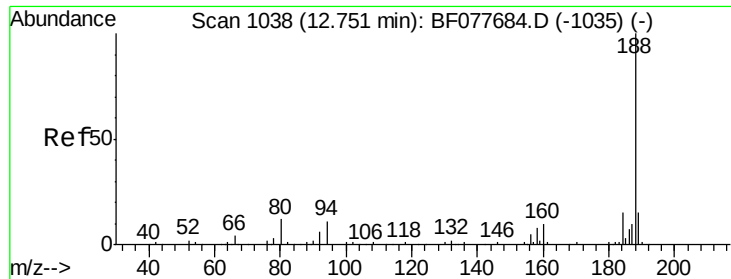
Sig Exp Ratio

172 100

171 35.6

170 23.5

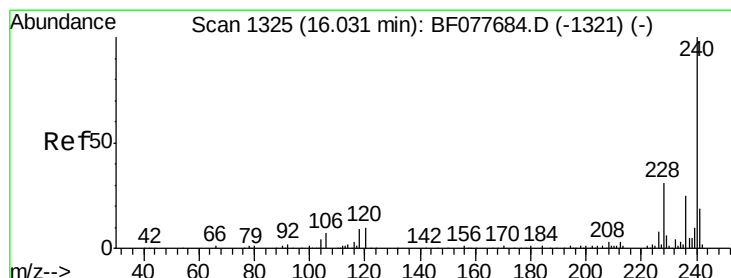
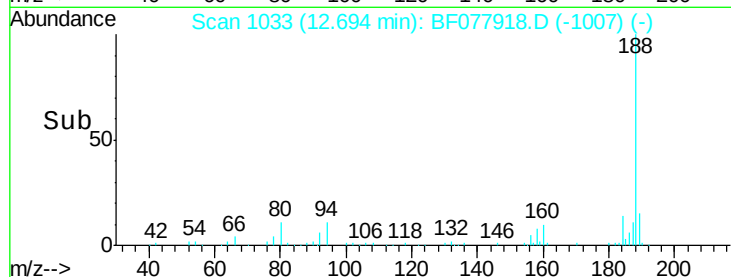
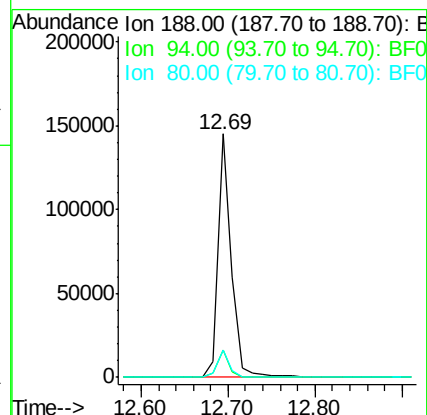
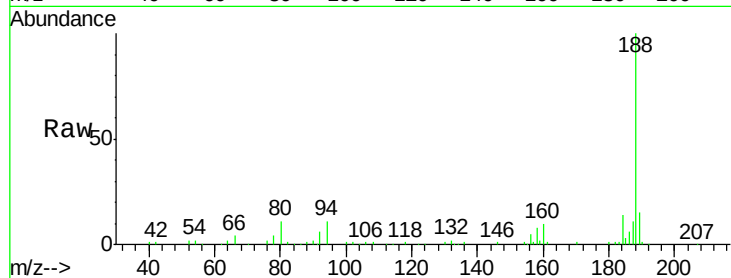




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.69 min Scan# 1033  
Delta R.T. -0.00 min  
Lab File: BF077918.D  
Acq: 24 Mar 2015 18:24

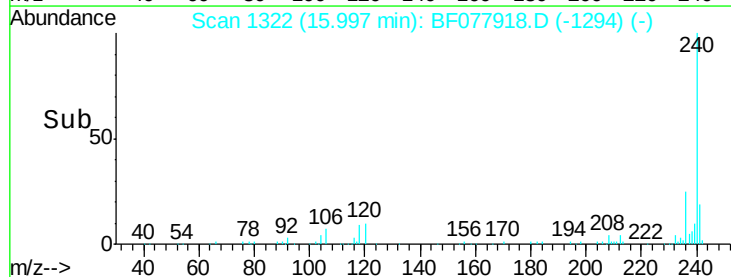
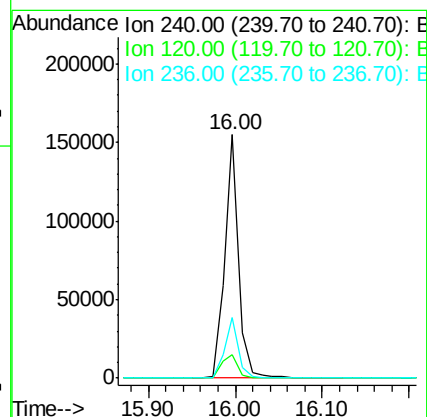
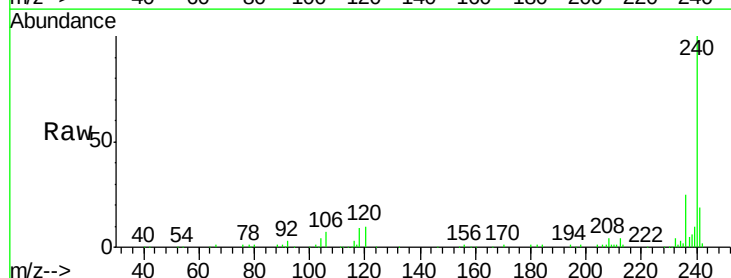
Instrument :  
BNA\_F  
ClientSampleId :  
SVOC-GPC-BLANK

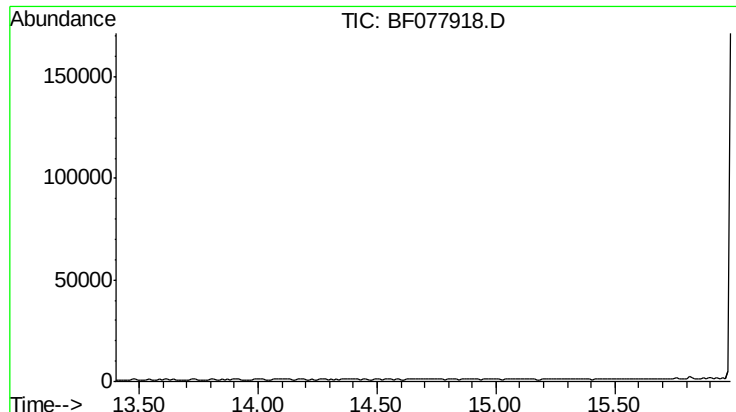
Tgt Ion:188 Resp: 155696  
Ion Ratio Lower Upper  
188 100  
94 11.1 8.7 13.1  
80 11.4 9.3 13.9



#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

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





#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 14.69 min

Lab File: BF077918.D

Acq: 24 Mar 2015 18:24

Instrument :

BNA\_F

ClientSampleId :

SVOC-GPC-BLANK

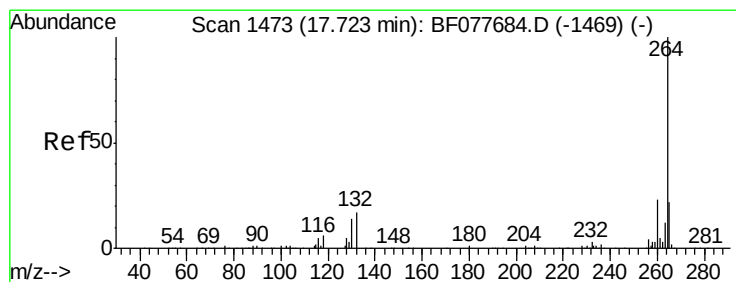
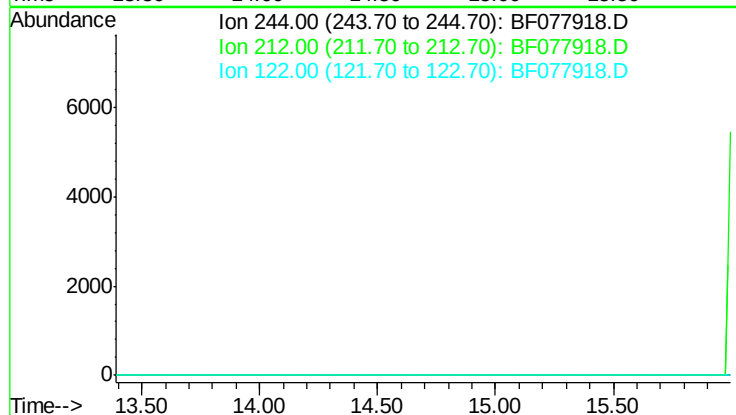
Tgt Ion: 244

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

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

