

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF061015\  
 Data File : BF079858.D  
 Acq On : 10 Jun 2015 11:56  
 Operator : TP/IZ  
 Sample : G2580-05  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jun 11 01:40:54 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 11 00:53:15 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.42  | 152  | 43778    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.71  | 136  | 173841   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.48 | 164  | 86343    | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 12.00 | 188  | 180310   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 15.07 | 240  | 178019   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 17.03 | 264  | 167760   | 20.00 | ng    | 0.00     |

| 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    |

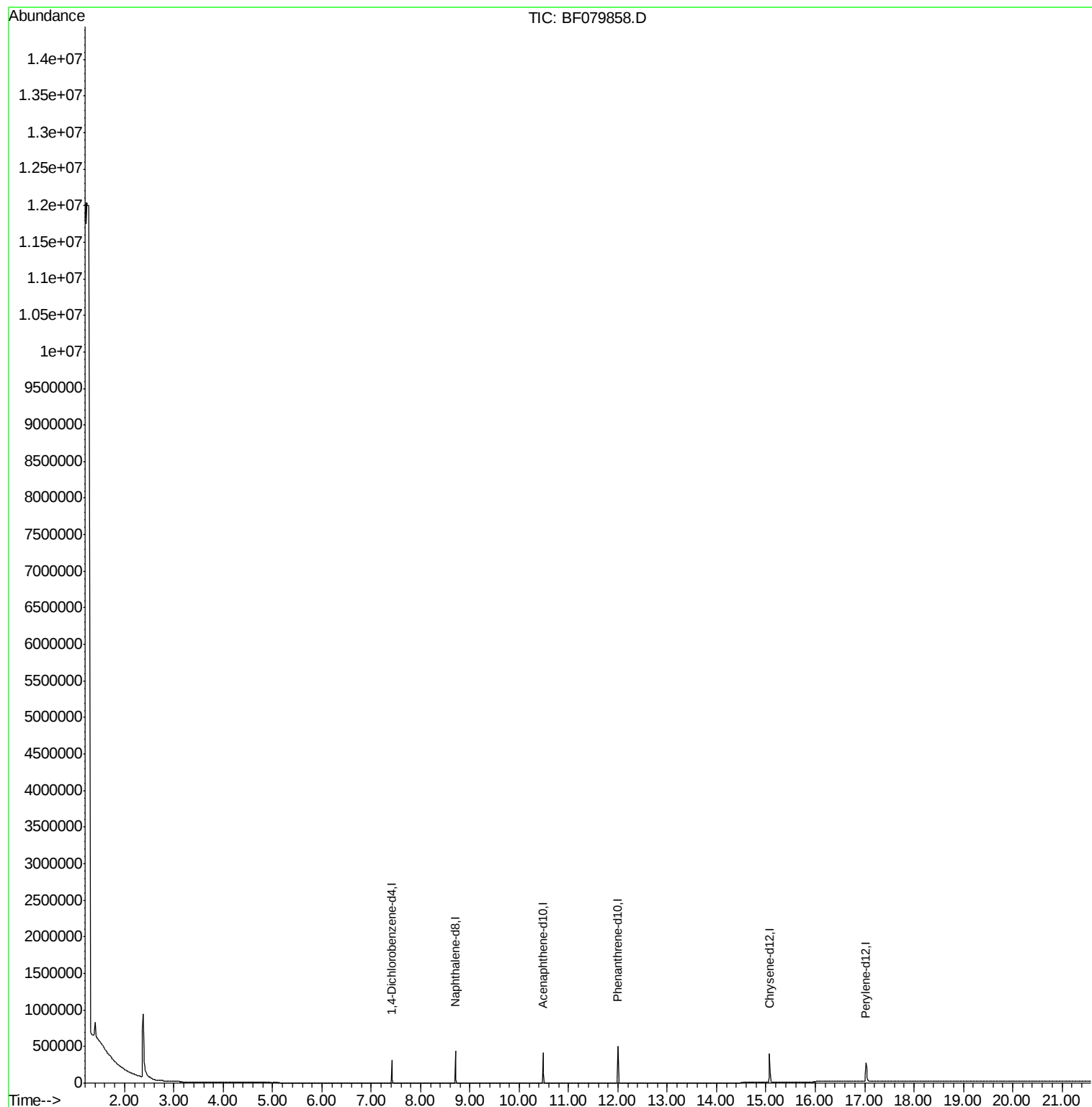
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

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

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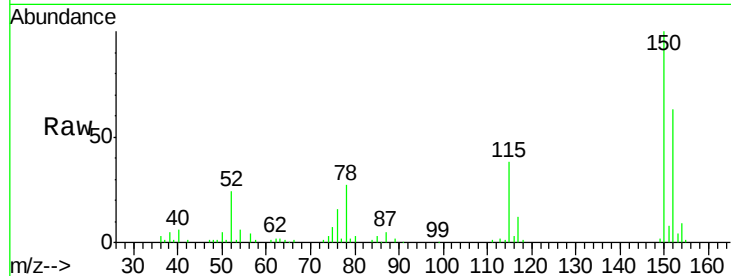


#1

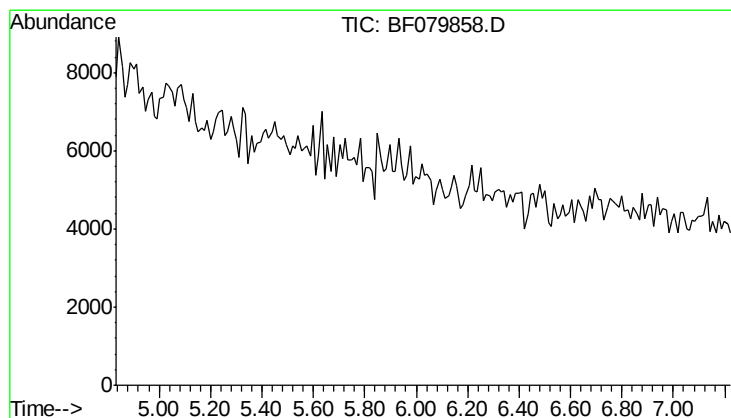
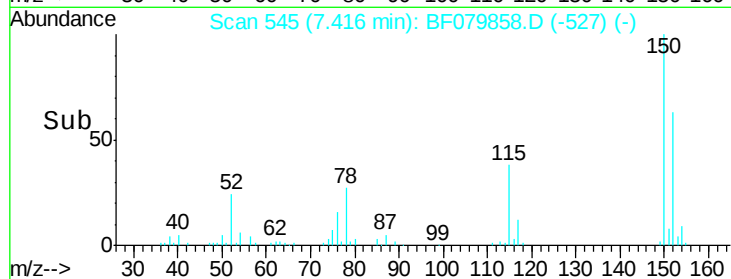
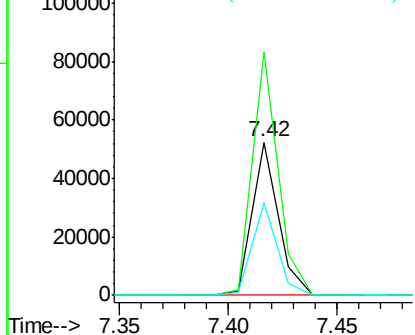
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.42 min Scan# 545  
Delta R.T. 0.00 min  
Lab File: BF079858.D  
Acq: 10 Jun 2015 11:56

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

Tgt Ion:152 Resp: 43778  
Ion Ratio Lower Upper  
152 100  
150 159.1 131.4 197.2  
115 60.3 56.5 84.7



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

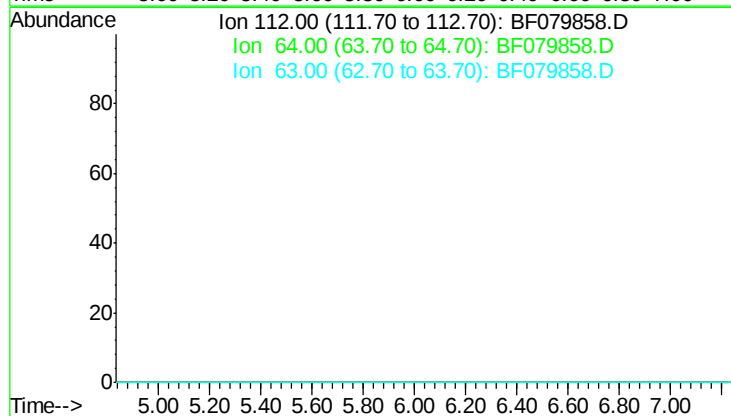


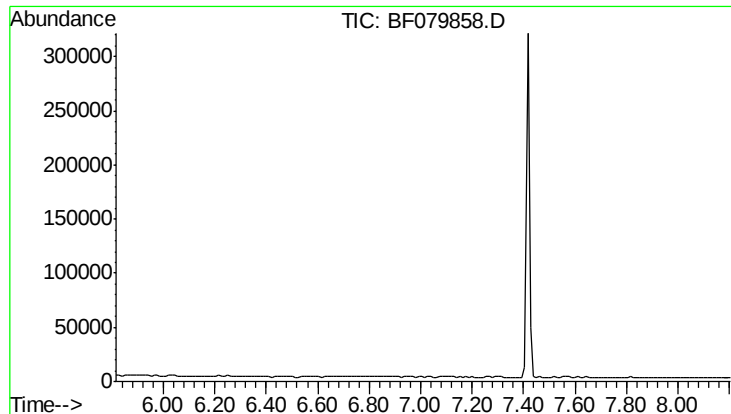
#5

2-Fluorophenol  
Concen: 0.00 ng  
Expected RT: 6.03 min

Lab File: BF079858.D  
Acq: 10 Jun 2015 11:56

Tgt Ion: 112  
Sig Exp Ratio  
112 100  
64 55.3  
63 28.5





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 7.02 min

Lab File: BF079858.D

Acq: 10 Jun 2015 11:56

Instrument :

BNA\_F

ClientSampleId :

SVOC-GPC-BLANK

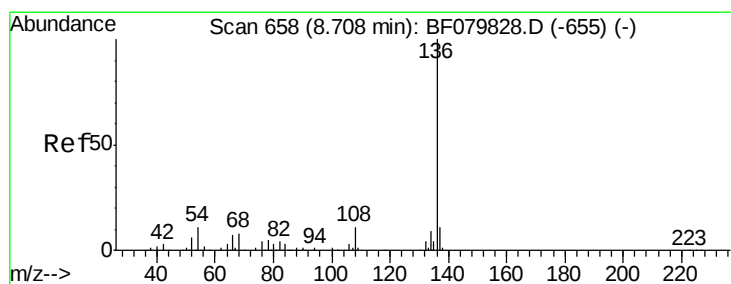
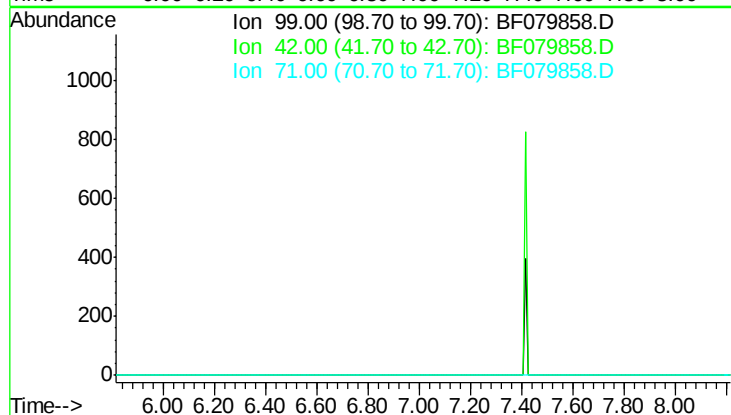
Tgt Ion: 99

Sig Exp Ratio

99 100

42 17.1

71 31.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079858.D

Acq: 10 Jun 2015 11:56

Tgt Ion: 136 Resp: 173841

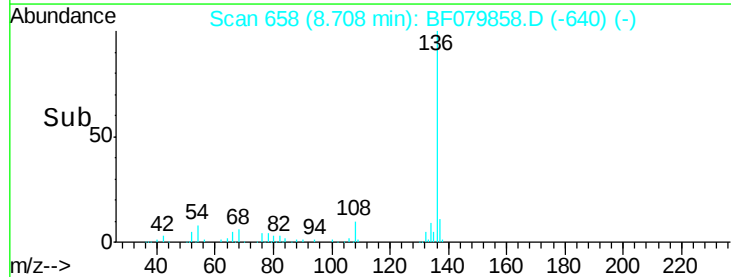
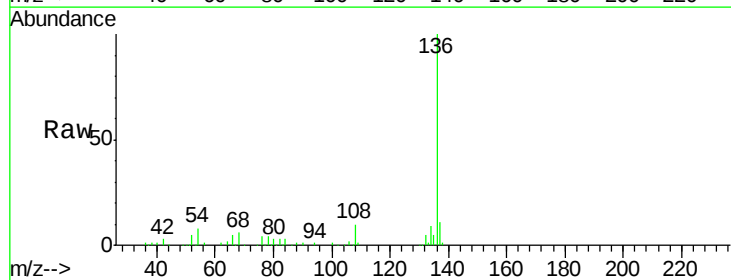
Ion Ratio Lower Upper

136 100

137 10.8 9.3 13.9

54 8.3 8.1 12.1

68 6.4 4.8 7.2

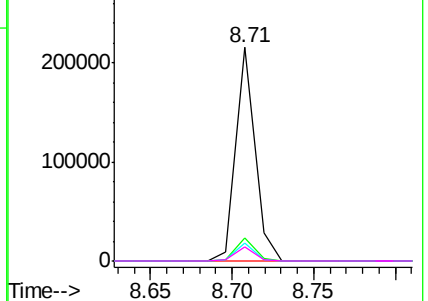


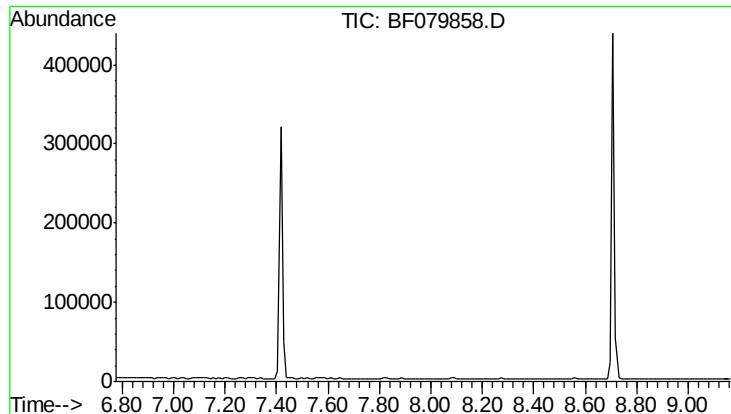
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

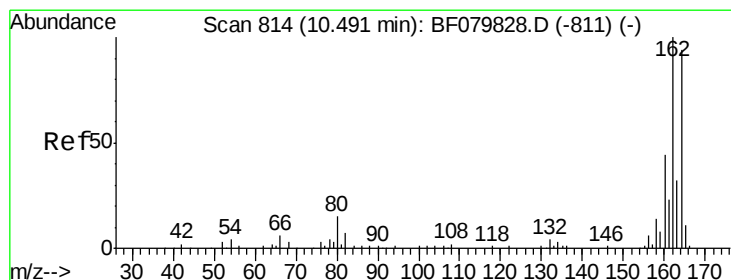
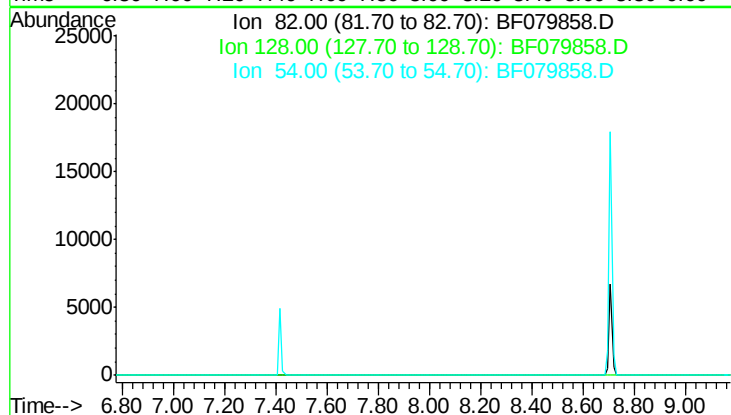




#23  
 Nitrobenzene-d5  
 Concen: 0.00 ng  
 Expected RT: 7.98 min  
 Lab File: BF079858.D  
 Acq: 10 Jun 2015 11:56

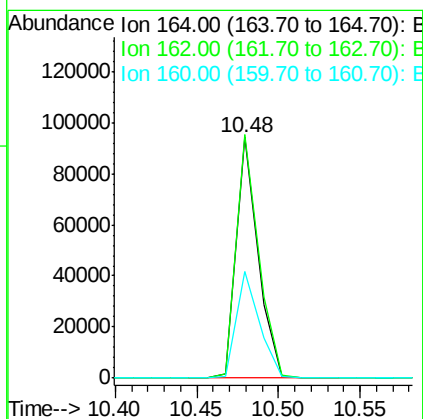
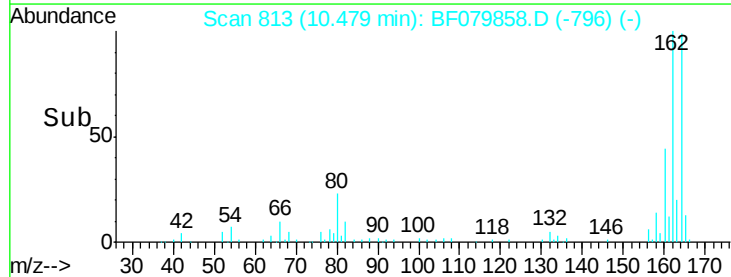
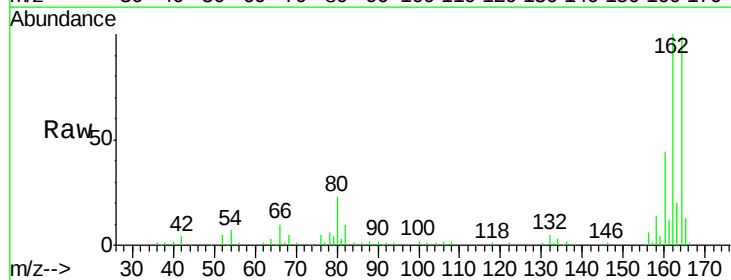
Instrument :  
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 ClientSampleId :  
 SVOC-GPC-BLANK

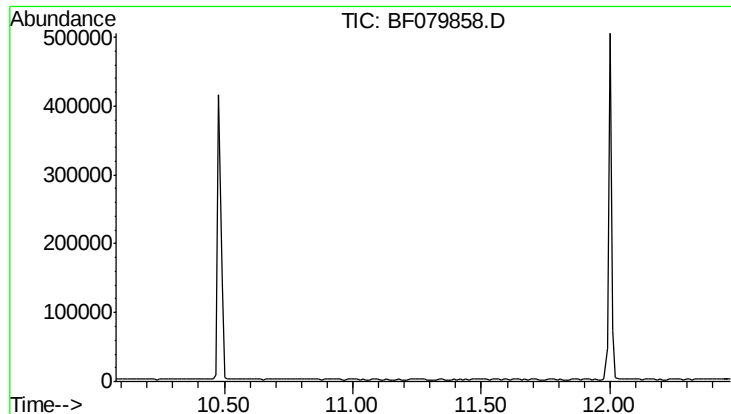
Tgt Ion: 82  
 Sig Exp Ratio  
 82 100  
 128 44.0  
 54 49.0



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.48 min Scan# 813  
 Delta R.T. -0.01 min  
 Lab File: BF079858.D  
 Acq: 10 Jun 2015 11:56

Tgt Ion:164 Resp: 86343  
 Ion Ratio Lower Upper  
 164 100  
 162 101.1 89.8 134.8  
 160 44.5 39.6 59.4

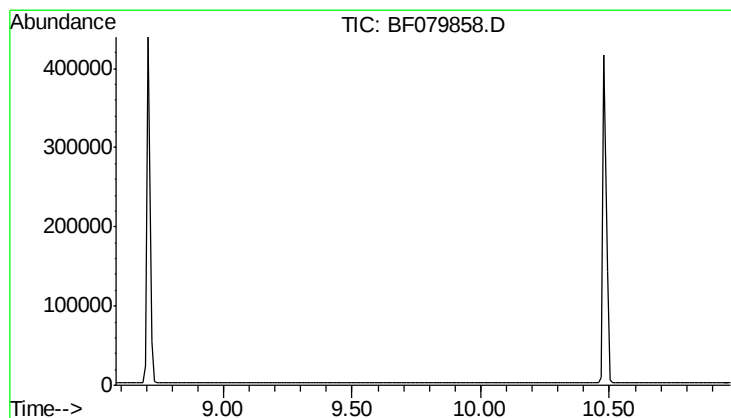
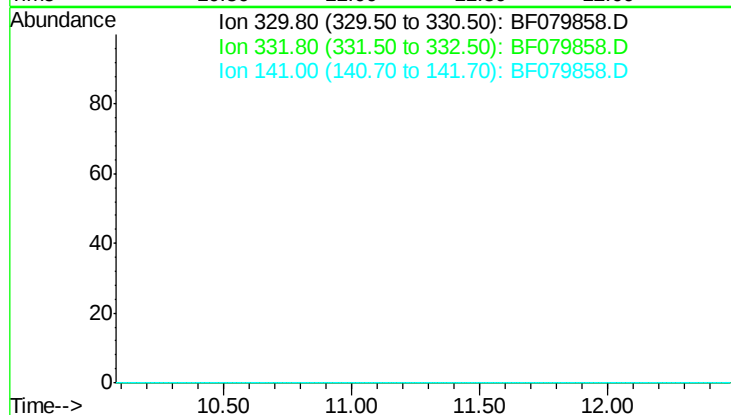




#41  
 2,4,6-Tribromophenol  
 Concen: 0.00 ng  
 Expected RT: 11.28 min  
 Lab File: BF079858.D  
 Acq: 10 Jun 2015 11:56

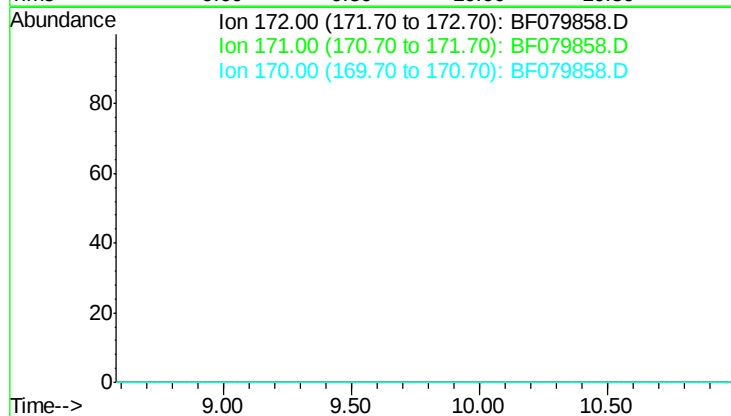
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SVOC-GPC-BLANK

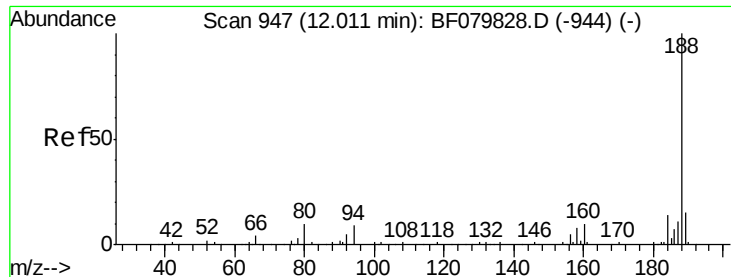
Tgt Ion: 330  
 Sig Exp Ratio  
 330 100  
 332 96.0  
 141 36.4



#44  
 2-Fluorobiphenyl  
 Concen: 0.00 ng  
 Expected RT: 9.78 min  
 Lab File: BF079858.D  
 Acq: 10 Jun 2015 11:56

Tgt Ion: 172  
 Sig Exp Ratio  
 172 100  
 171 35.6  
 170 23.5

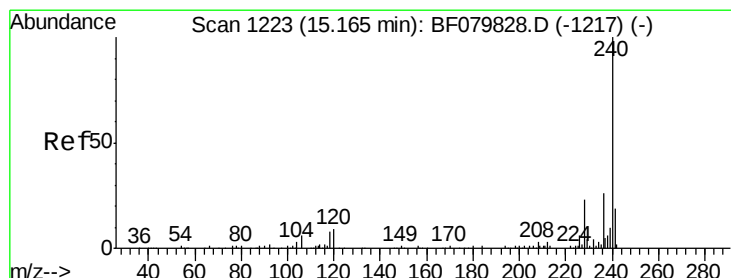
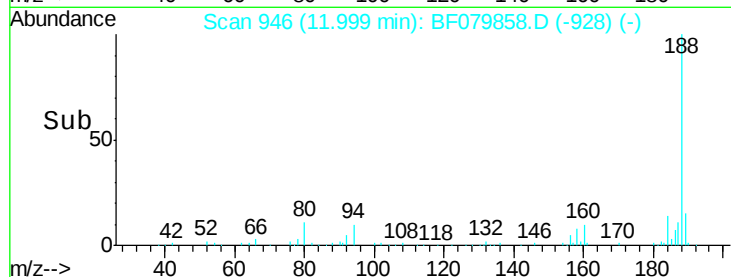
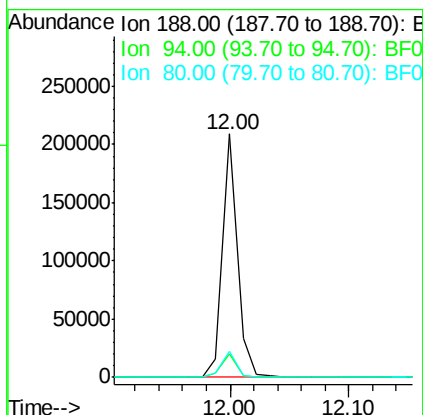
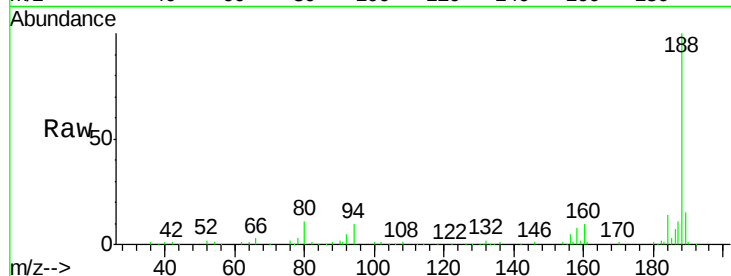




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.00 min Scan# 946  
Delta R.T. 0.00 min  
Lab File: BF079858.D  
Acq: 10 Jun 2015 11:56

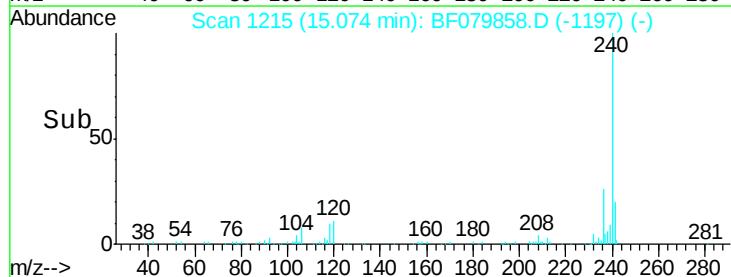
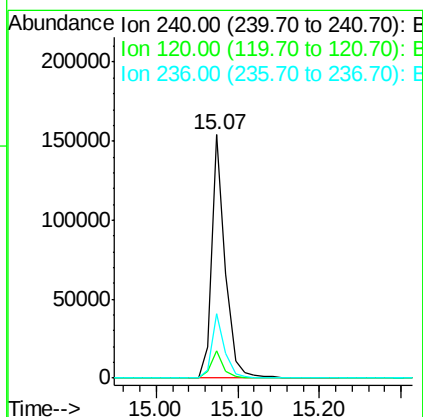
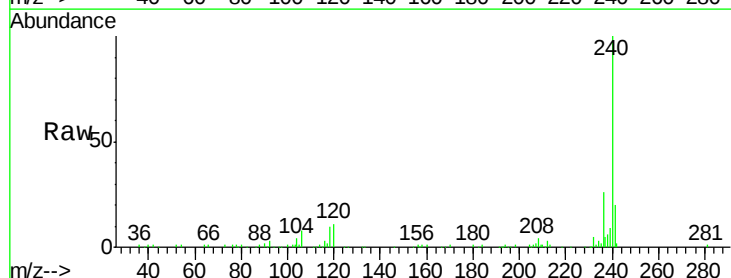
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ClientSampleId :  
SVOC-GPC-BLANK

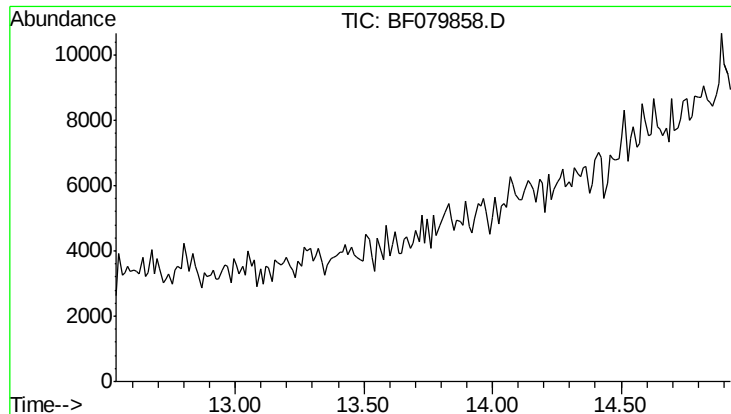
Tgt Ion:188 Resp: 180310  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.4 11.0  
80 10.7 8.0 12.0



#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 15.07 min Scan# 1215  
Delta R.T. 0.00 min  
Lab File: BF079858.D  
Acq: 10 Jun 2015 11:56

Tgt Ion:240 Resp: 178019  
Ion Ratio Lower Upper  
240 100  
120 11.1 6.6 9.8#  
236 26.3 20.2 30.4

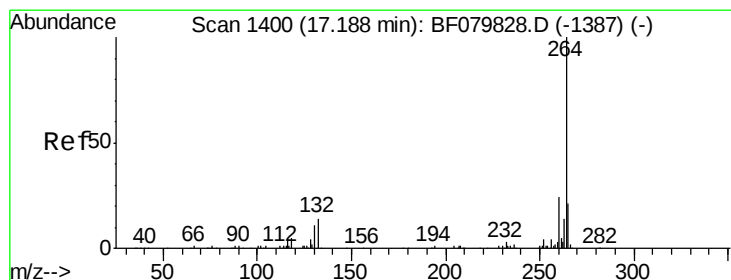
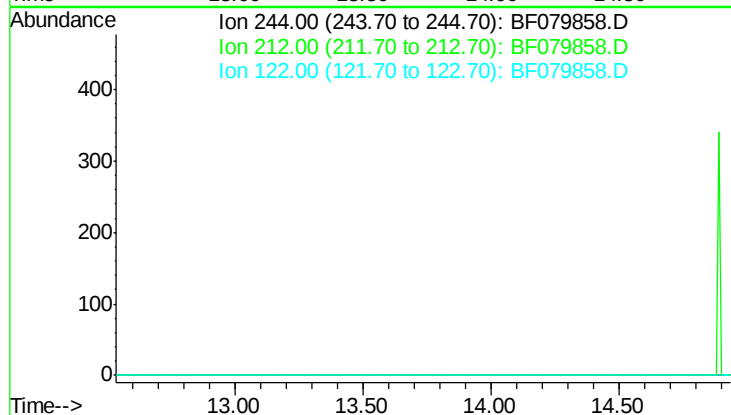




#78  
 Terphenyl-d14  
 Concen: 0.00 ng  
 Expected RT: 13.74 min  
 Lab File: BF079858.D  
 Acq: 10 Jun 2015 11:56

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

Tgt Ion: 244  
 Sig Exp Ratio  
 244 100  
 212 7.0  
 122 10.2



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 17.03 min Scan# 1386  
 Delta R.T. 0.00 min  
 Lab File: BF079858.D  
 Acq: 10 Jun 2015 11:56

Tgt Ion: 264 Resp: 167760  
 Ion Ratio Lower Upper  
 264 100  
 260 22.3 19.5 29.3  
 265 20.9 18.0 27.0

