

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF022515\  
 Data File : BF077430.D  
 Acq On : 25 Feb 2015 13:35  
 Operator : IZ / TP  
 Sample : G1355-05  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Feb 26 03:34:48 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 26 03:18:41 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.29  | 152  | 62190    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.86  | 136  | 249034   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 11.04 | 164  | 127154   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.88 | 188  | 244729   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 16.16 | 240  | 281395   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 17.87 | 264  | 269726   | 20.00 | ng    | -0.05    |

## 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 |

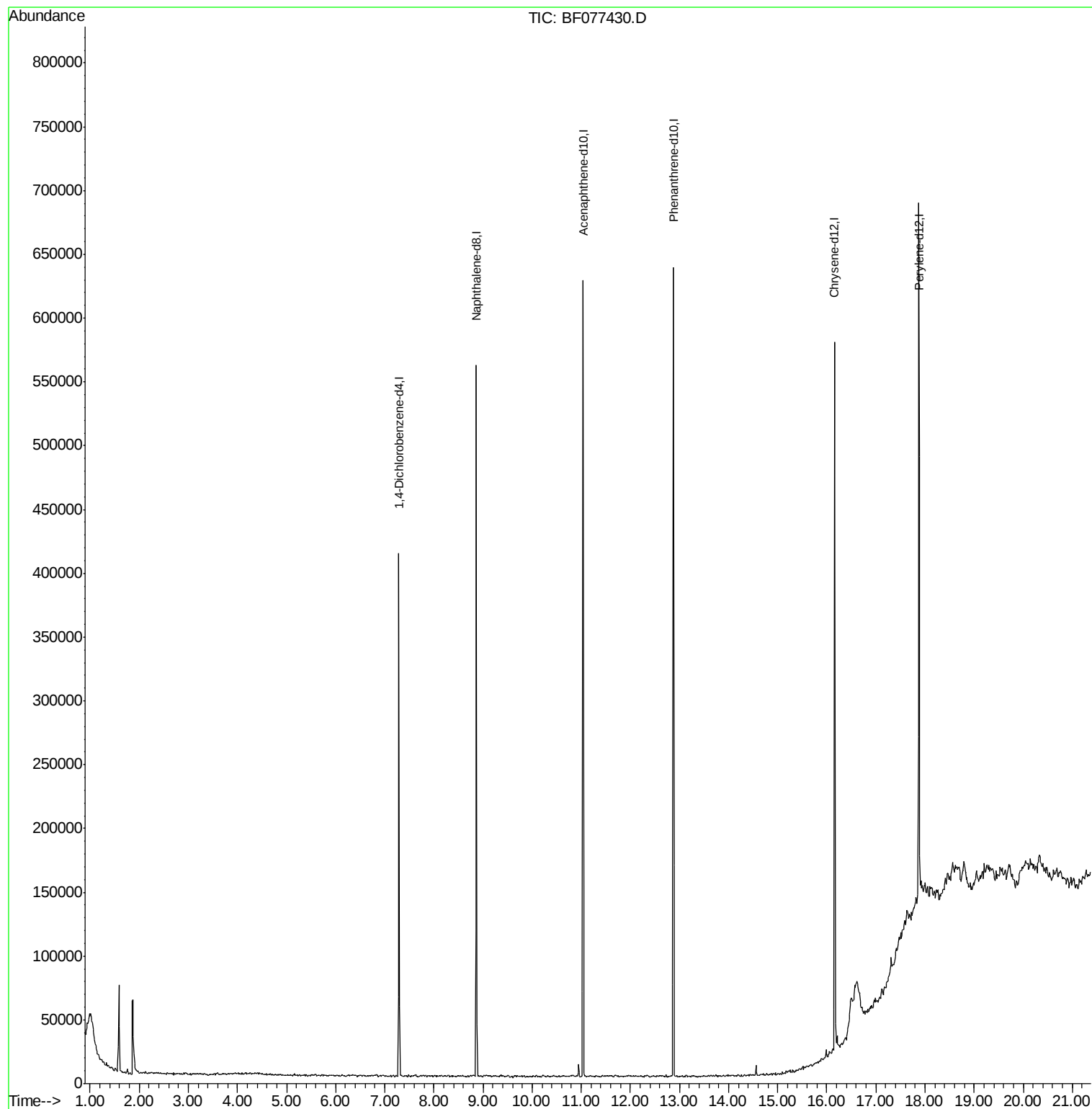
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

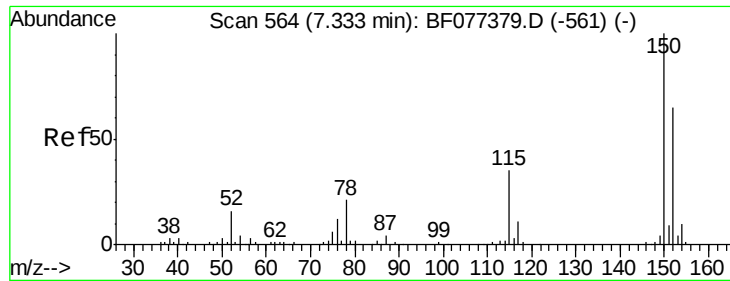
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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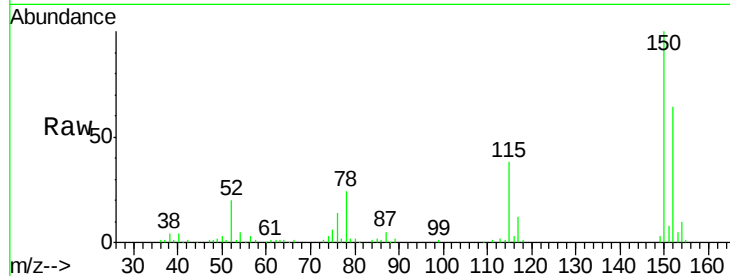


#1

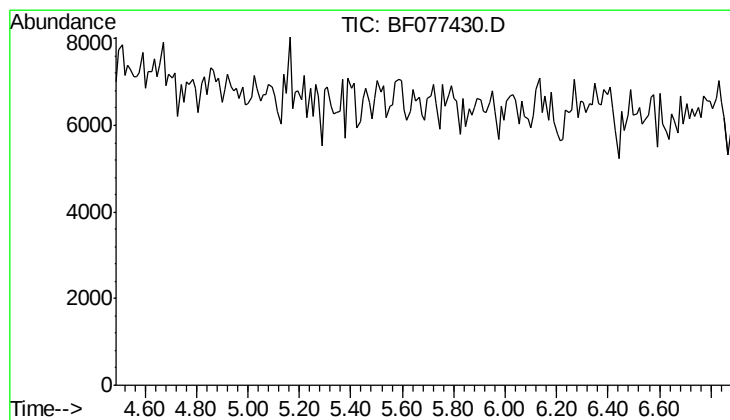
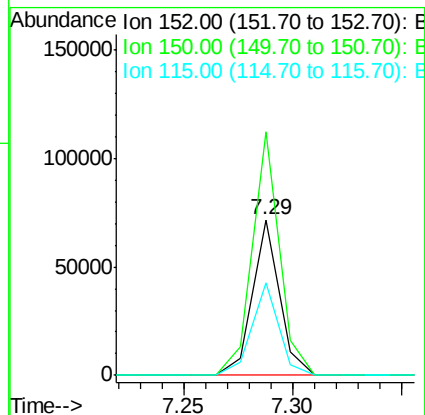
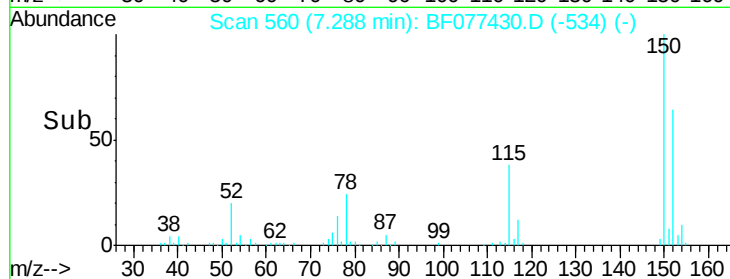
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.29 min Scan# 560  
Delta R.T. 0.00 min  
Lab File: BF077430.D  
Acq: 25 Feb 2015 13:35

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

Tgt Ion:152 Resp: 62190  
Ion Ratio Lower Upper  
152 100  
150 156.7 124.0 186.0  
115 59.3 49.4 74.2



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

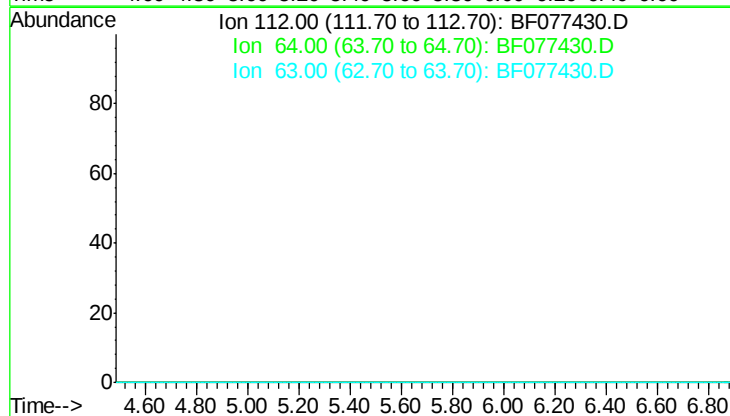


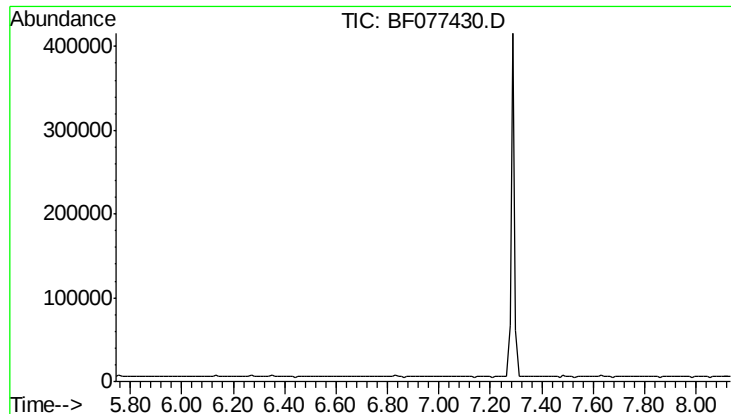
#5

2-Fluorophenol  
Concen: 0.00 ng  
Expected RT: 5.58 min

Lab File: BF077430.D  
Acq: 25 Feb 2015 13:35

Tgt Ion: 112  
Sig Exp Ratio  
112 100  
64 60.6  
63 31.2

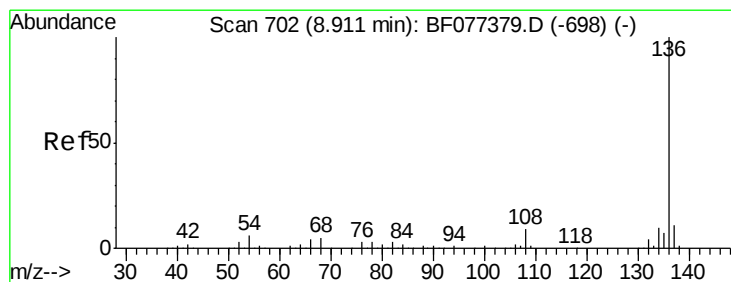
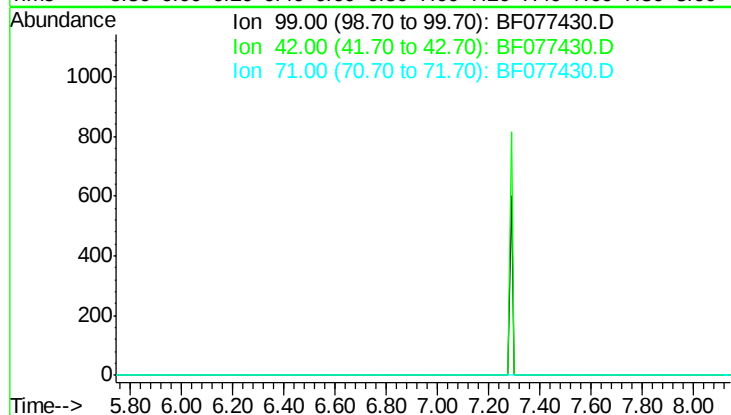




#7  
 Phenol-d6  
 Concen: 0.00 ng  
 Expected RT: 6.84 min  
 Lab File: BF077430.D  
 Acq: 25 Feb 2015 13:35

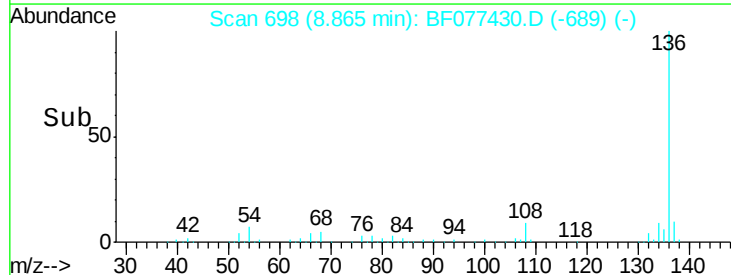
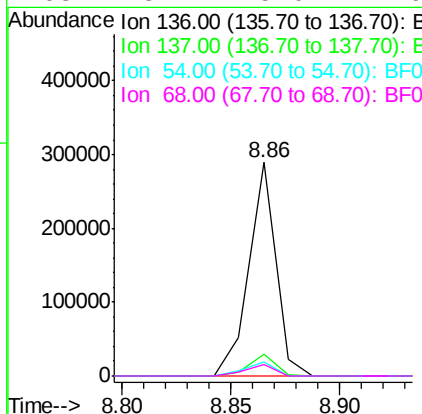
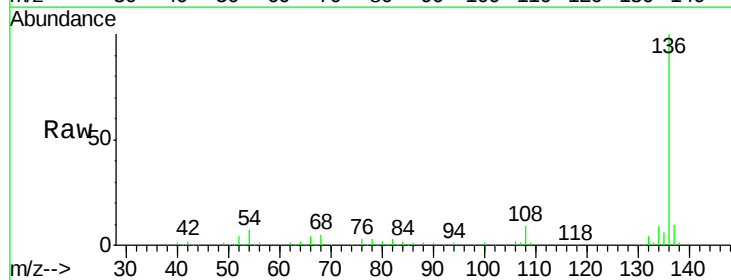
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SVOC-GPC-BLANK

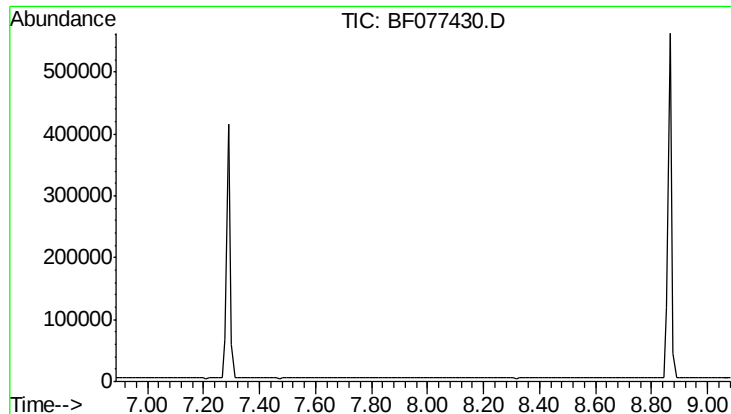
Tgt Ion: 99  
 Sig Exp Ratio  
 99 100  
 42 20.3  
 71 33.4



#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 8.86 min Scan# 698  
 Delta R.T. 0.00 min  
 Lab File: BF077430.D  
 Acq: 25 Feb 2015 13:35

Tgt Ion: 136 Resp: 249034  
 Ion Ratio Lower Upper  
 136 100  
 137 10.3 8.6 13.0  
 54 6.5 6.2 9.4  
 68 5.2 5.0 7.6

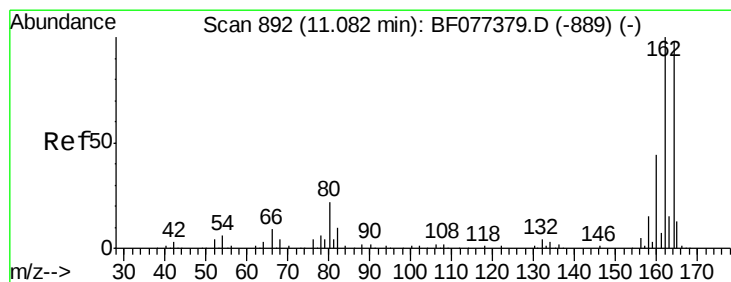
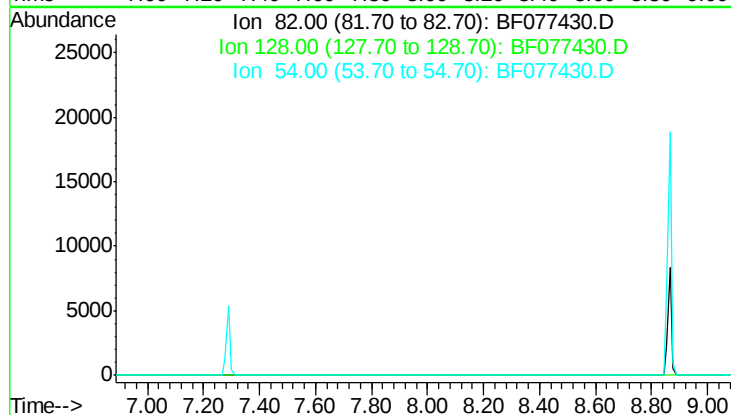




#23  
 Nitrobenzene-d5  
 Concen: 0.00 ng  
 Expected RT: 7.98 min  
 Lab File: BF077430.D  
 Acq: 25 Feb 2015 13:35

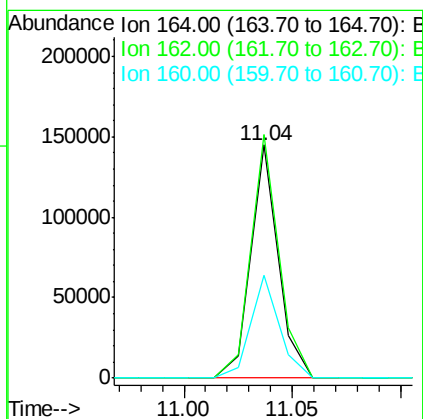
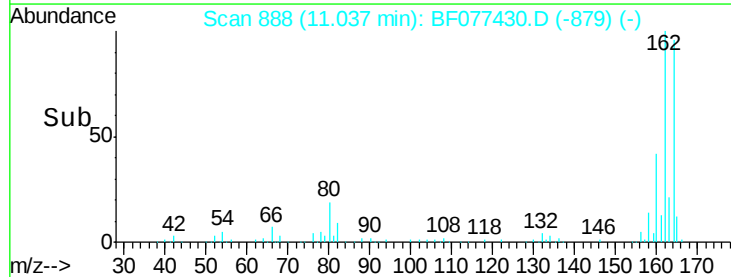
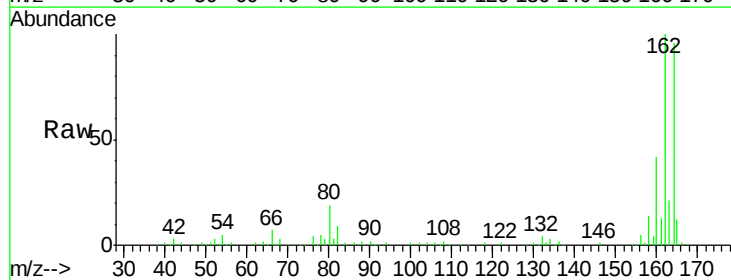
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SVOC-GPC-BLANK

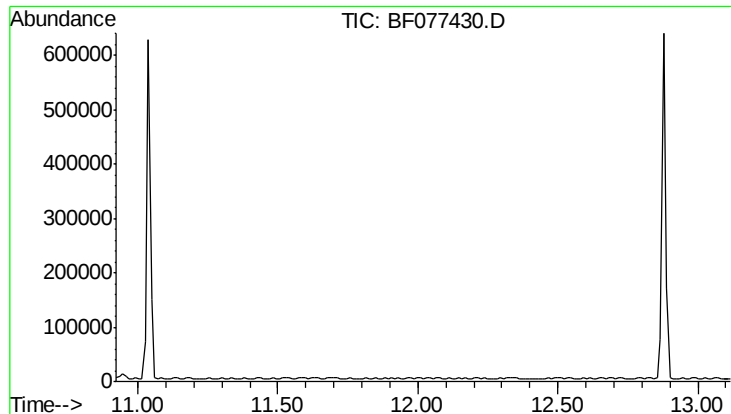
Tgt Ion: 82  
 Sig Exp Ratio  
 82 100  
 128 54.8  
 54 45.9



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 11.04 min Scan# 888  
 Delta R.T. 0.00 min  
 Lab File: BF077430.D  
 Acq: 25 Feb 2015 13:35

Tgt Ion: 164 Resp: 127154  
 Ion Ratio Lower Upper  
 164 100  
 162 104.5 83.2 124.8  
 160 44.2 34.6 52.0





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 12.02 min

Lab File: BF077430.D

Acq: 25 Feb 2015 13:35

Instrument :

BNA\_F

ClientSampleId :

SVOC-GPC-BLANK

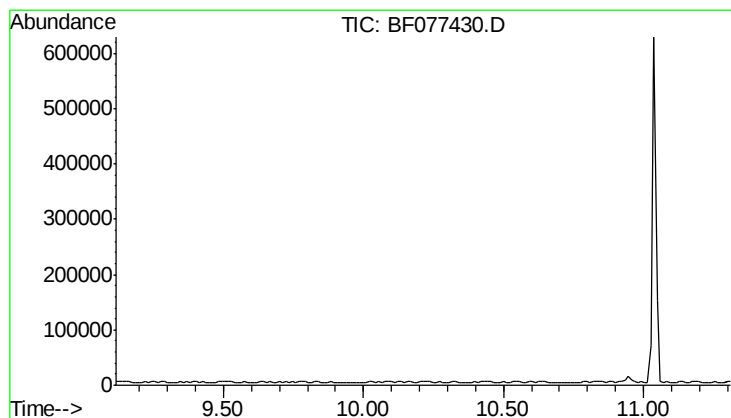
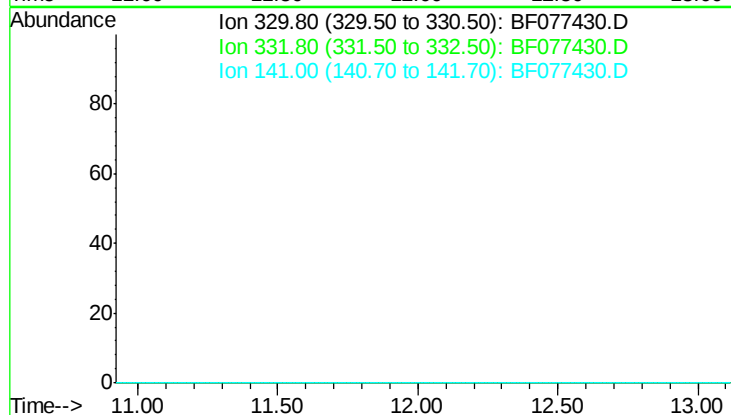
Tgt Ion: 330

Sig Exp Ratio

330 100

332 96.8

141 36.0



#44

2-Fluorobiphenyl

Concen: 0.00 ng

Expected RT: 10.21 min

Lab File: BF077430.D

Acq: 25 Feb 2015 13:35

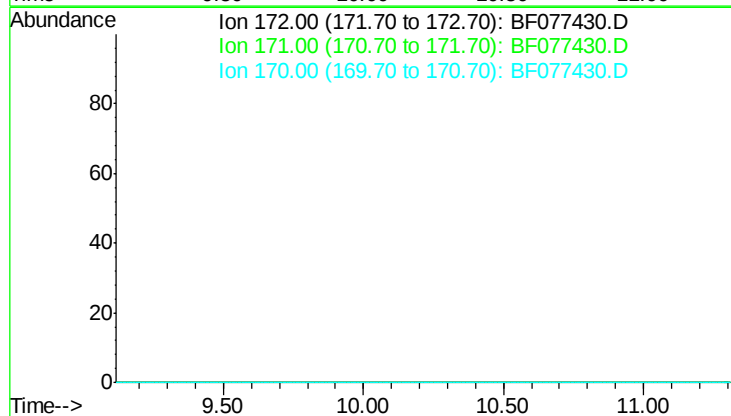
Tgt Ion: 172

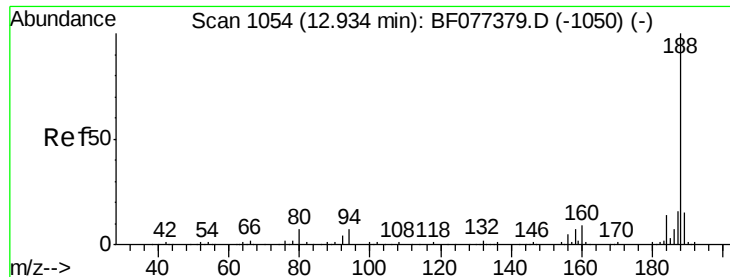
Sig Exp Ratio

172 100

171 36.1

170 24.3

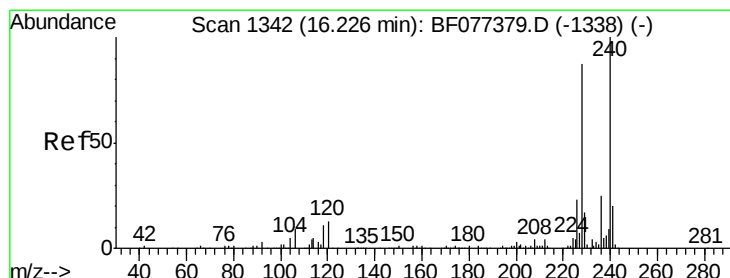
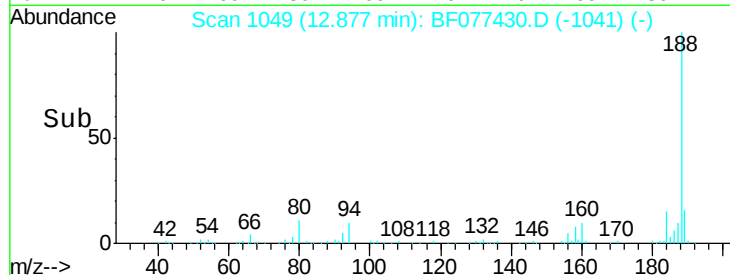
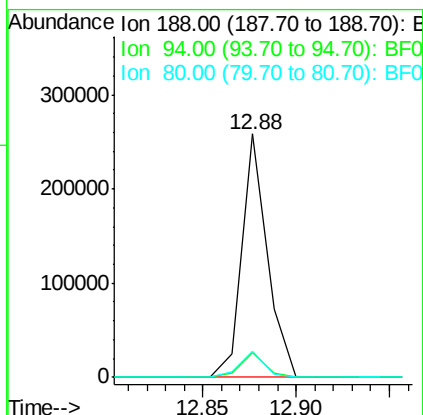
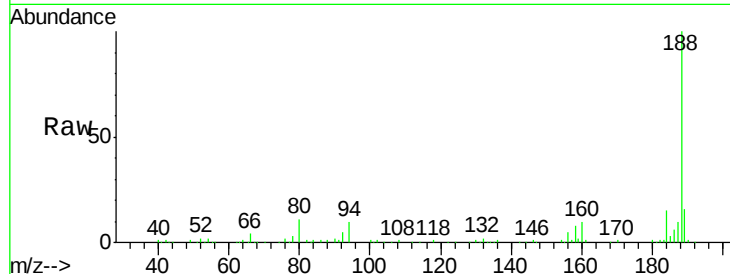




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.88 min Scan# 1049  
Delta R.T. -0.01 min  
Lab File: BF077430.D  
Acq: 25 Feb 2015 13:35

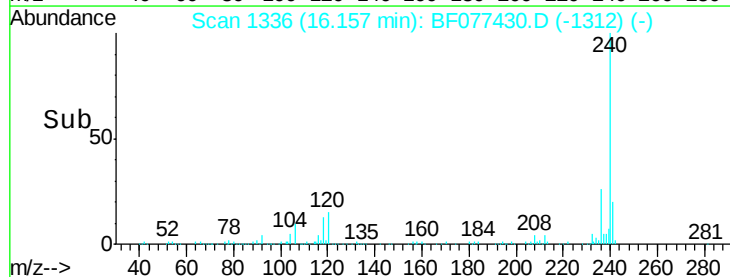
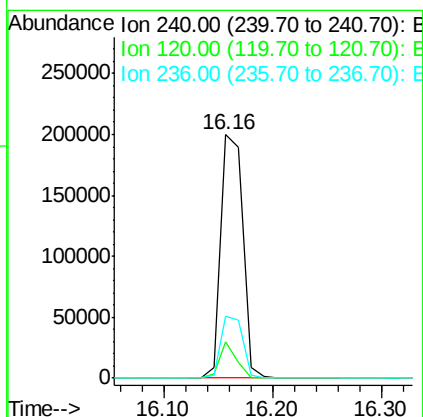
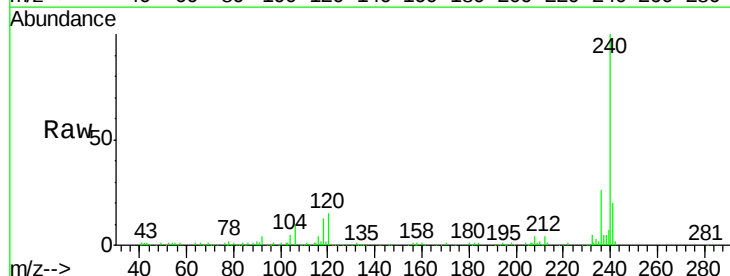
Instrument :  
BNA\_F  
ClientSampleId :  
SVOC-GPC-BLANK

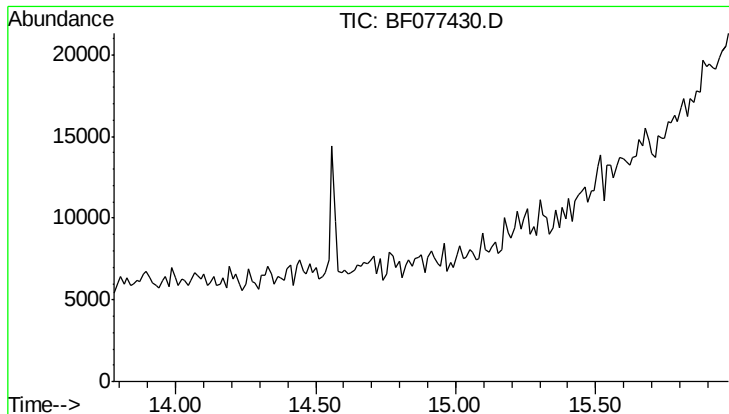
Tgt Ion:188 Resp: 244729  
Ion Ratio Lower Upper  
188 100  
94 10.3 7.4 11.2  
80 10.6 8.0 12.0



#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 16.16 min Scan# 1336  
Delta R.T. -0.02 min  
Lab File: BF077430.D  
Acq: 25 Feb 2015 13:35

Tgt Ion:240 Resp: 281395  
Ion Ratio Lower Upper  
240 100  
120 14.9 8.8 13.2#  
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 14.88 min

Lab File: BF077430.D

Acq: 25 Feb 2015 13:35

Instrument :

BNA\_F

ClientSampleId :

SVOC-GPC-BLANK

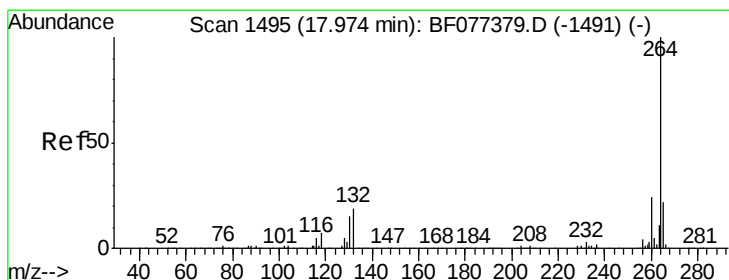
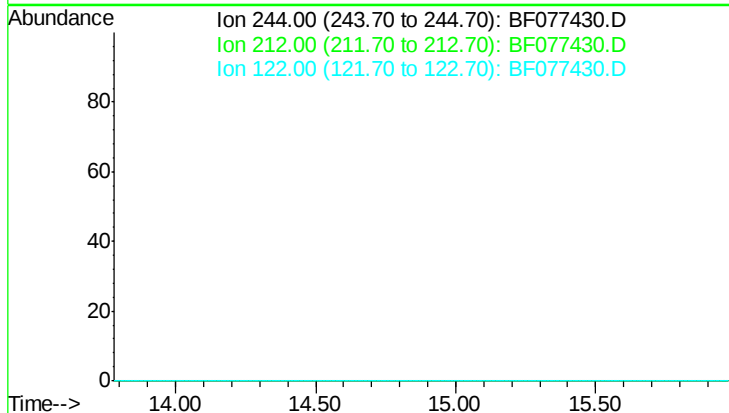
Tgt Ion: 244

Sig Exp Ratio

244 100

212 6.5

122 9.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.87 min Scan# 1486

Delta R.T. -0.05 min

Lab File: BF077430.D

Acq: 25 Feb 2015 13:35

Tgt Ion: 264 Resp: 269726

Ion Ratio Lower Upper

264 100

260 24.7 19.3 28.9

265 21.6 16.8 25.2

