

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF022715\  
 Data File : BF077504.D  
 Acq On : 27 Feb 2015 14:06  
 Operator : TP/IZ  
 Sample : G1355-05RE  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Feb 27 22:39:12 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 27 22:28:54 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.26  | 152  | 66042    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.83  | 136  | 267618   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 11.01 | 164  | 141030   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 12.85 | 188  | 282342   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 16.16 | 240  | 285144   | 20.00 | ng    | 0.01     |
| 86) Perylene-d12            | 17.97 | 264  | 278051   | 20.00 | ng    | 0.06     |
| 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    |          |

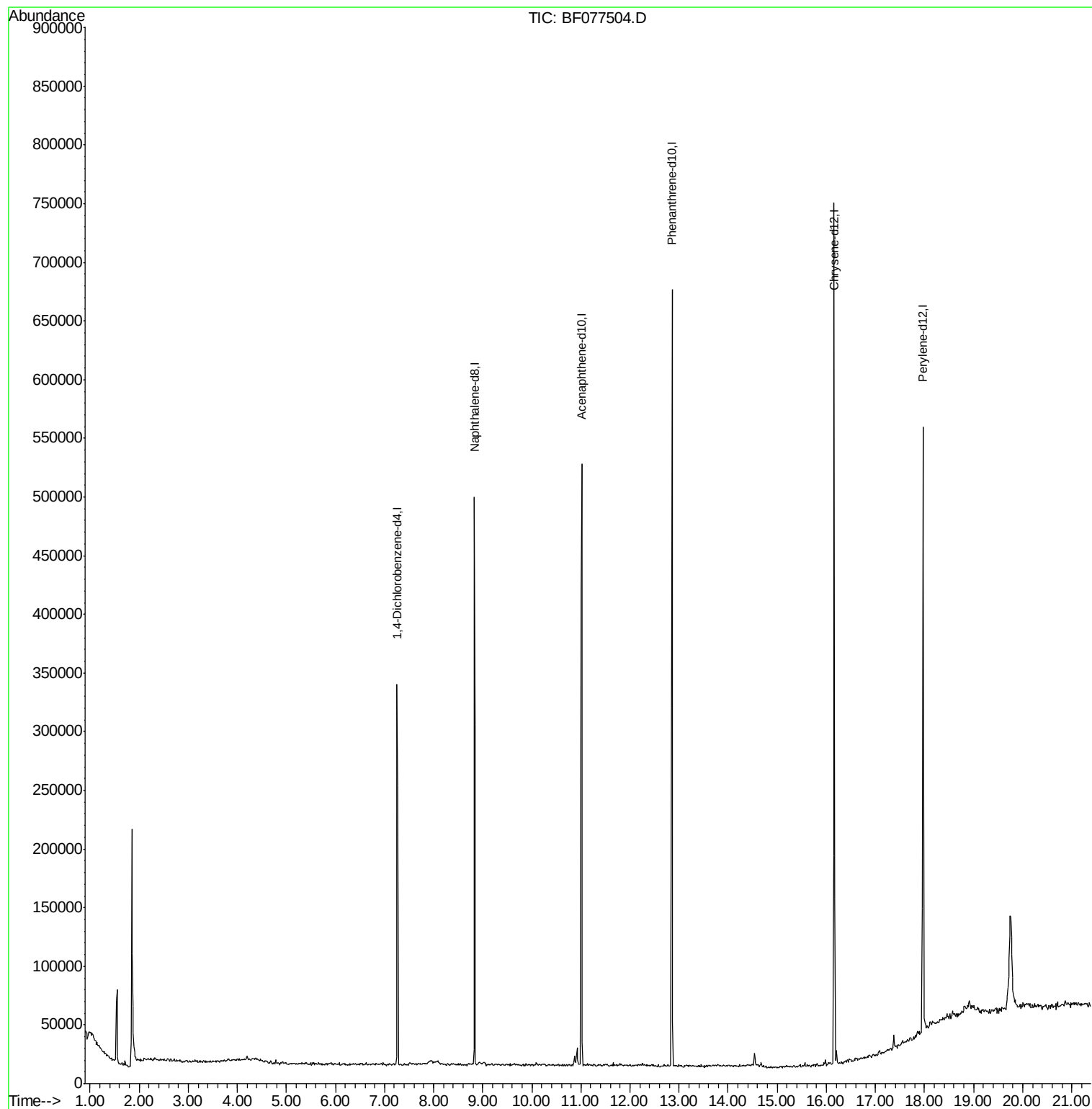
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

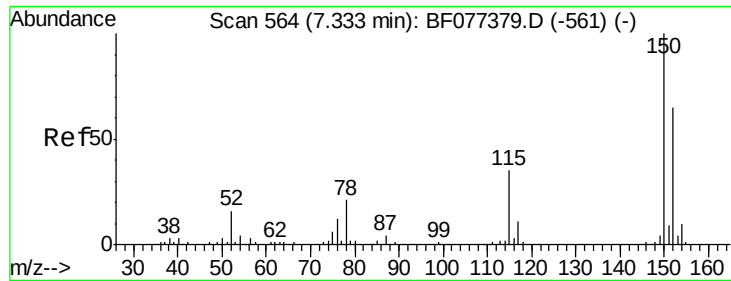
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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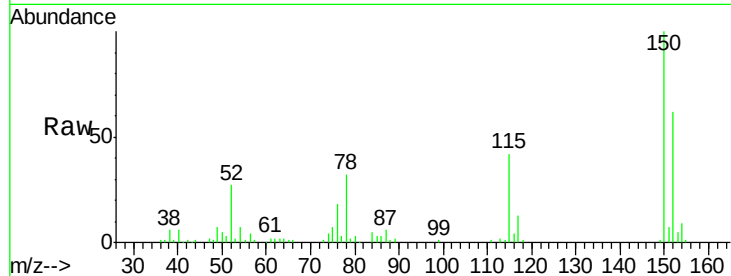


#1

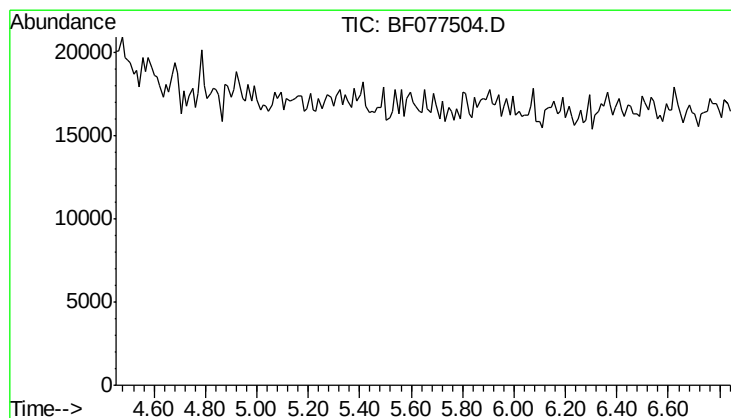
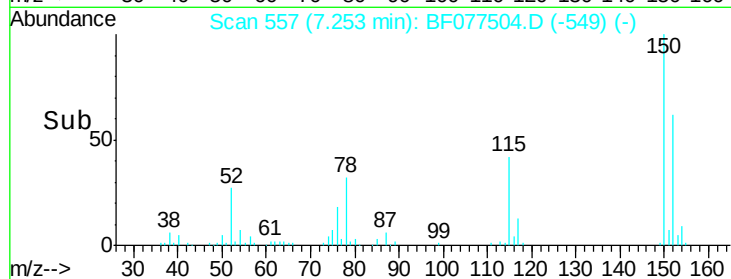
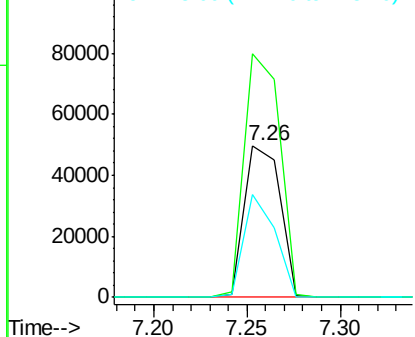
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.26 min Scan# 557  
Delta R.T. -0.00 min  
Lab File: BF077504.D  
Acq: 27 Feb 2015 14:06

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

Tgt Ion:152 Resp: 66042  
Ion Ratio Lower Upper  
152 100  
150 160.4 124.0 186.0  
115 67.8 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

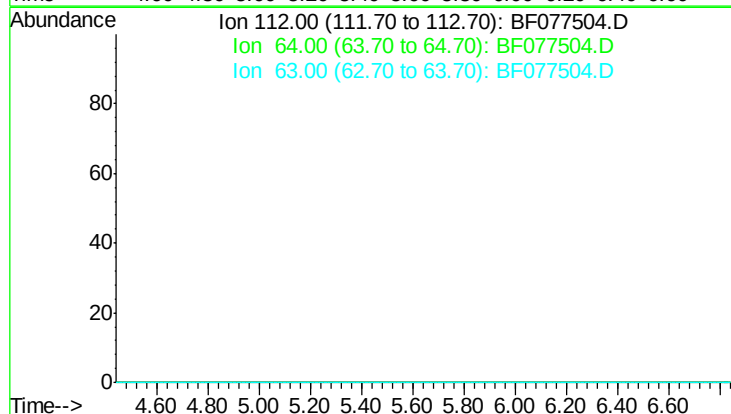


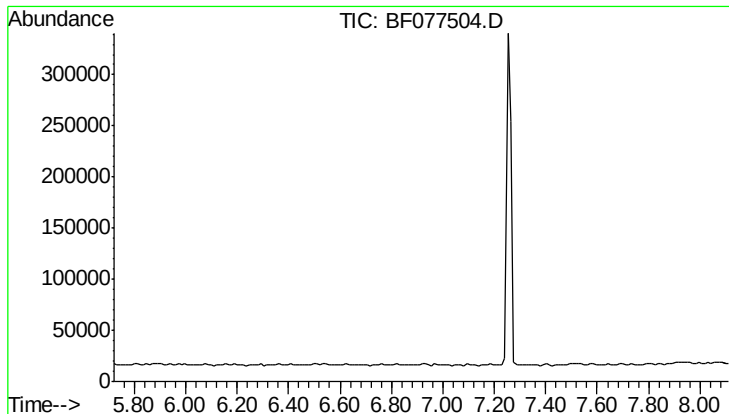
#5

2-Fluorophenol  
Concen: 0.00 ng  
Expected RT: 5.55 min

Lab File: BF077504.D  
Acq: 27 Feb 2015 14:06

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





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.82 min

Lab File: BF077504.D

Acq: 27 Feb 2015 14:06

Instrument :

BNA\_F

ClientSampleId :

SVOC-GPC-BLANK

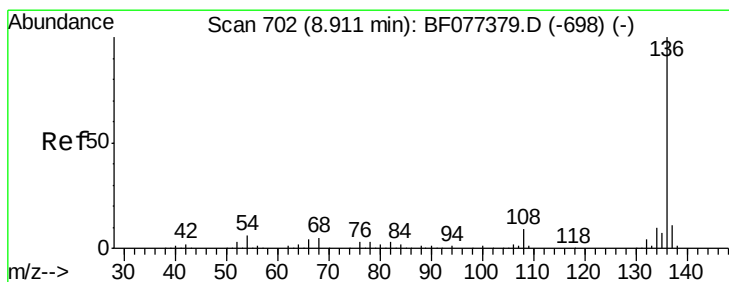
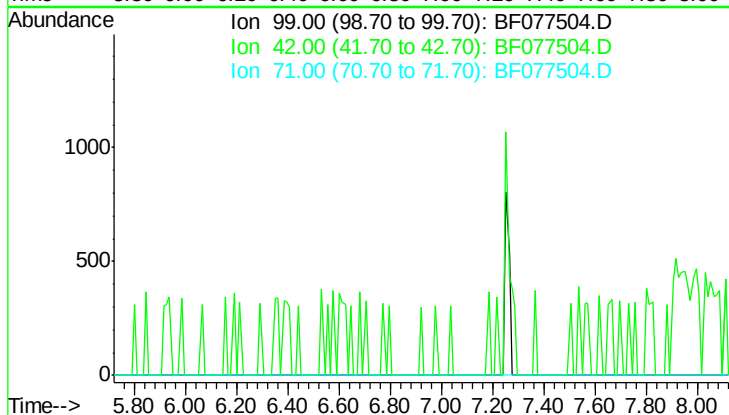
Tgt Ion: 99

Sig Exp Ratio

99 100

42 20.3

71 33.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.83 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF077504.D

Acq: 27 Feb 2015 14:06

Tgt Ion: 136 Resp: 267618

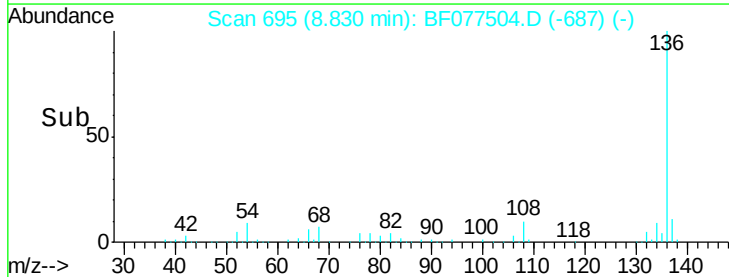
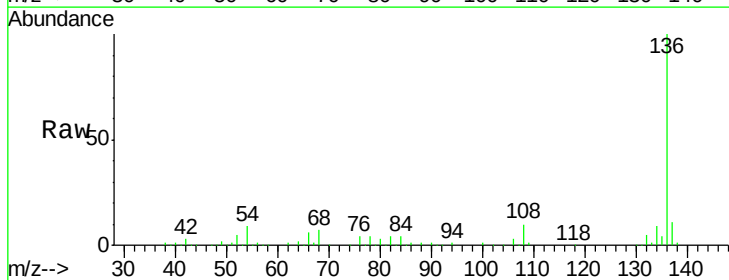
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.4 6.2 9.4#

68 7.4 5.0 7.6

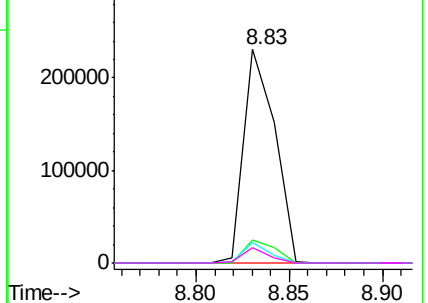


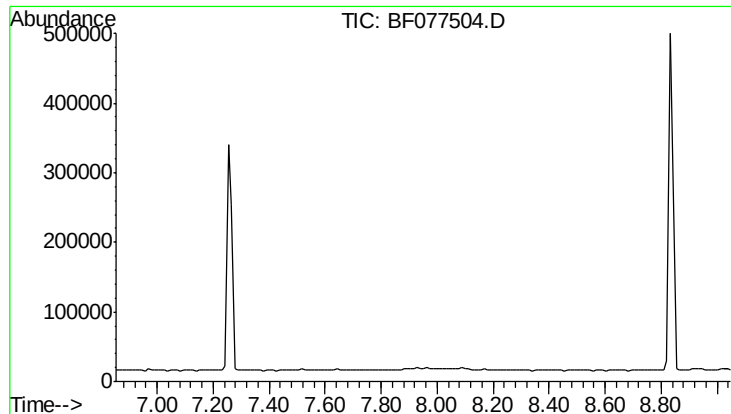
Abundance Ion 136.00 (135.70 to 136.70): E

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

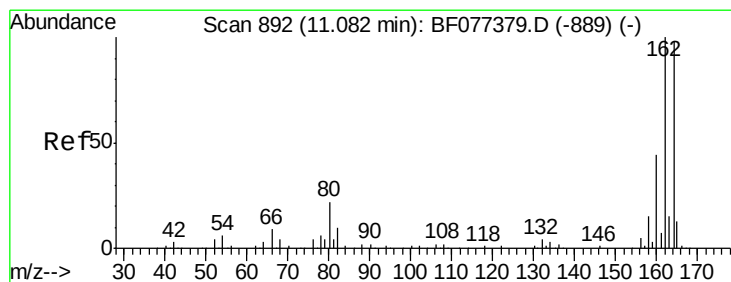
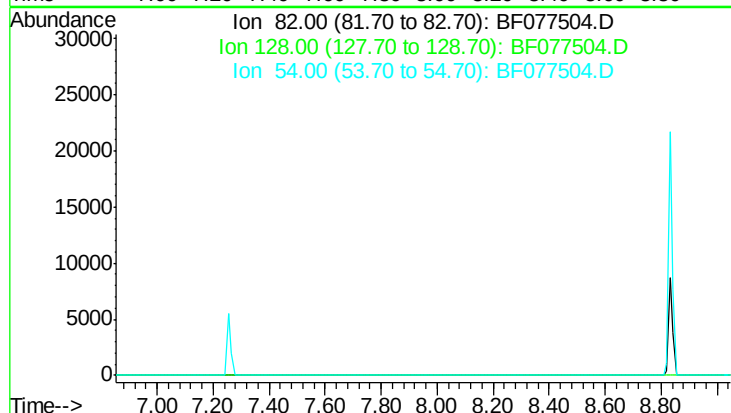




#23  
 Nitrobenzene-d5  
 Concen: 0.00 ng  
 Expected RT: 7.95 min  
 Lab File: BF077504.D  
 Acq: 27 Feb 2015 14:06

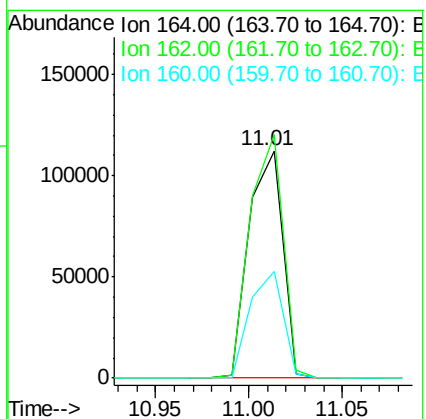
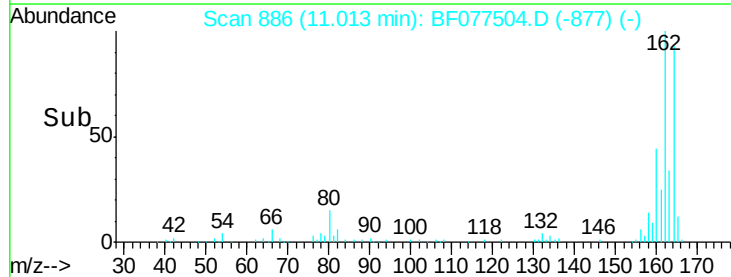
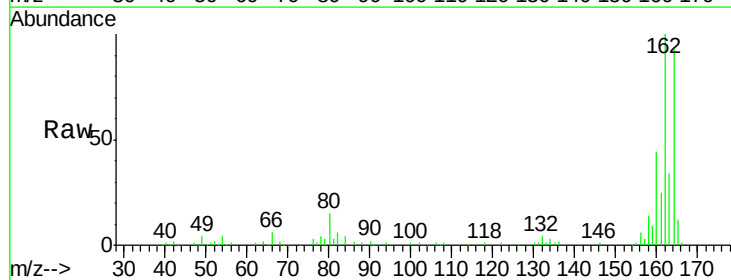
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SVOC-GPC-BLANK

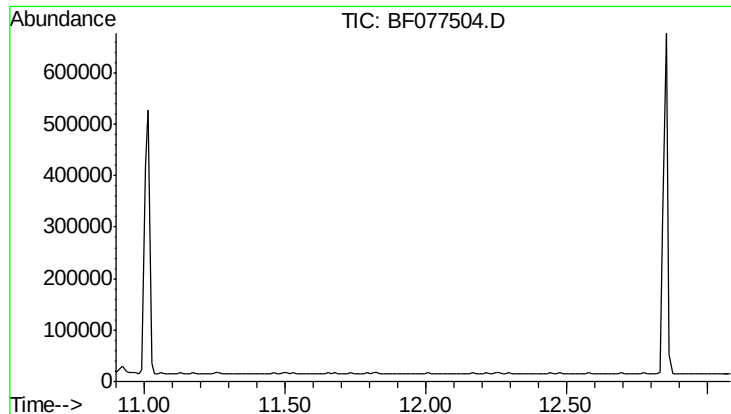
Tgt Ion: 82  
 Sig Exp Ratio  
 82 100  
 128 54.8  
 54 45.9



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 11.01 min Scan# 886  
 Delta R.T. -0.00 min  
 Lab File: BF077504.D  
 Acq: 27 Feb 2015 14:06

Tgt Ion:164 Resp: 141030  
 Ion Ratio Lower Upper  
 164 100  
 162 107.1 83.2 124.8  
 160 47.1 34.6 52.0

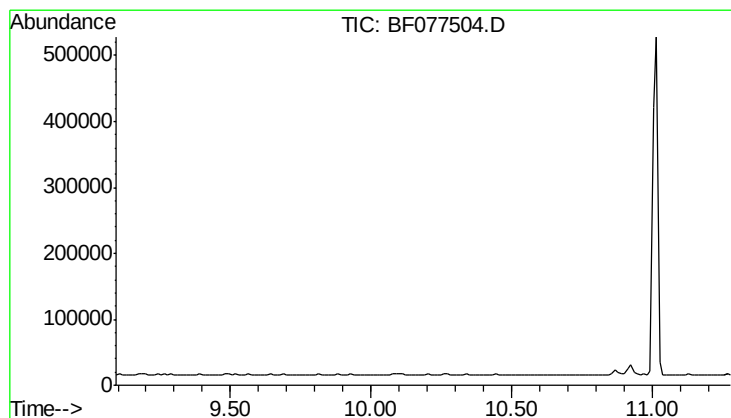
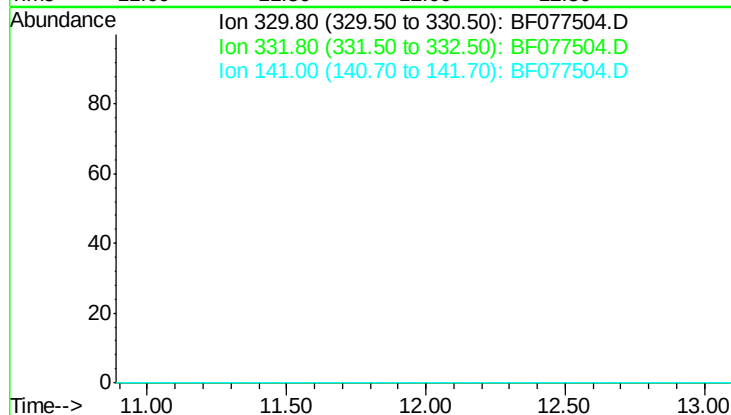




#41  
 2,4,6-Tribromophenol  
 Concen: 0.00 ng  
 Expected RT: 11.99 min  
 Lab File: BF077504.D  
 Acq: 27 Feb 2015 14:06

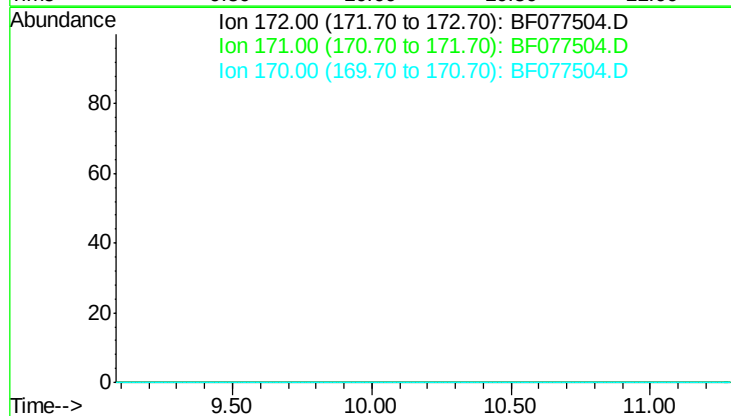
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SVOC-GPC-BLANK

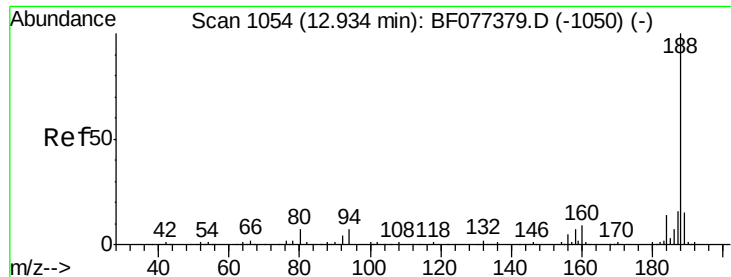
Tgt Ion: 330  
 Sig Exp Ratio  
 330 100  
 332 96.8  
 141 36.0



#44  
 2-Fluorobiphenyl  
 Concen: 0.00 ng  
 Expected RT: 10.18 min  
 Lab File: BF077504.D  
 Acq: 27 Feb 2015 14:06

Tgt Ion: 172  
 Sig Exp Ratio  
 172 100  
 171 36.1  
 170 24.3

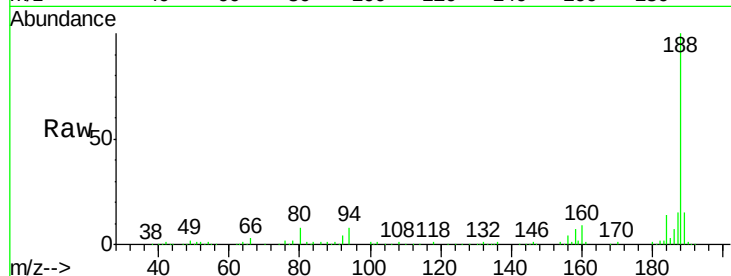




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.85 min Scan# 1047  
Delta R.T. -0.00 min  
Lab File: BF077504.D  
Acq: 27 Feb 2015 14:06

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

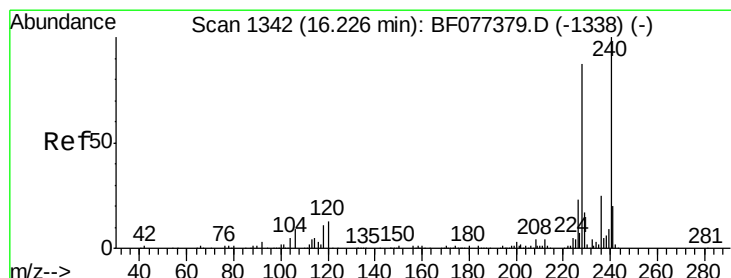
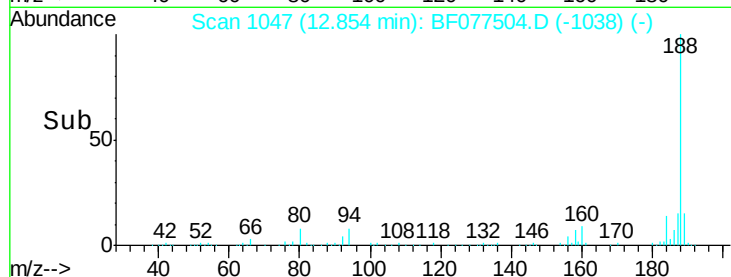
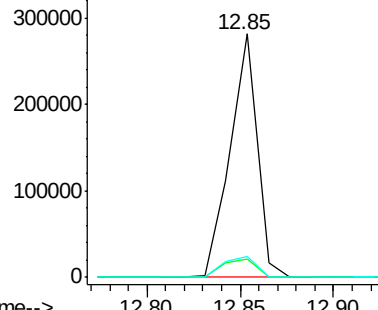
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 7.7   | 7.4   | 11.2  |
| 80      | 8.3   | 8.0   | 12.0  |



Abundance Ion 188.00 (187.70 to 188.70): E

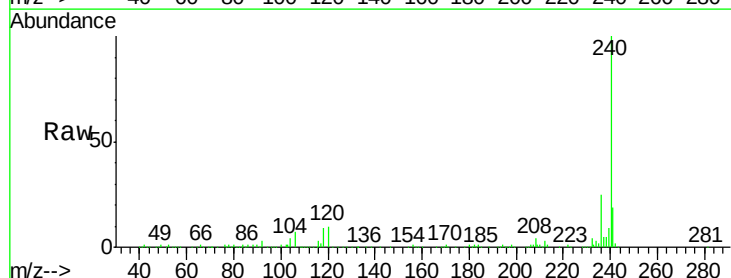
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 16.16 min Scan# 1336  
Delta R.T. 0.01 min  
Lab File: BF077504.D  
Acq: 27 Feb 2015 14:06

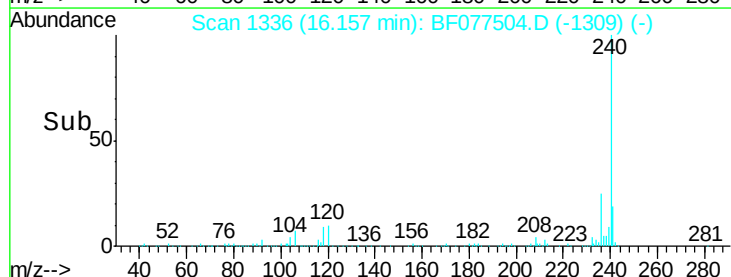
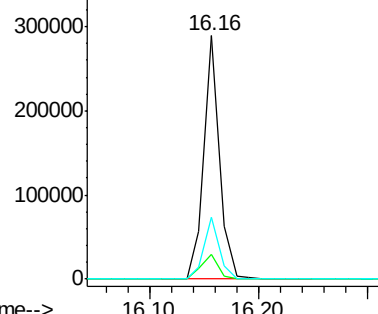
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.2  | 8.8   | 13.2  |
| 236     | 25.5  | 20.7  | 31.1  |

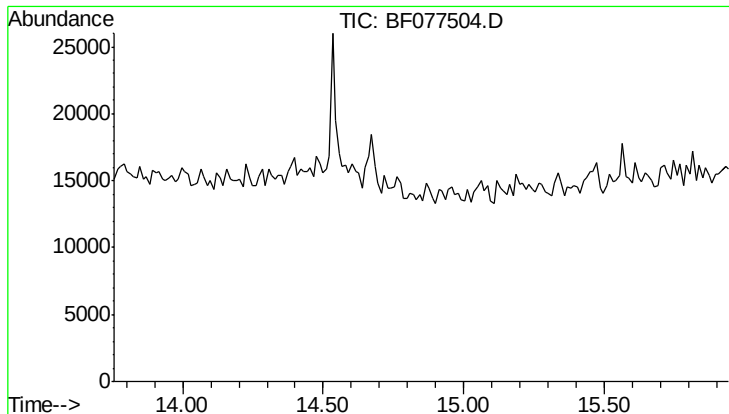


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

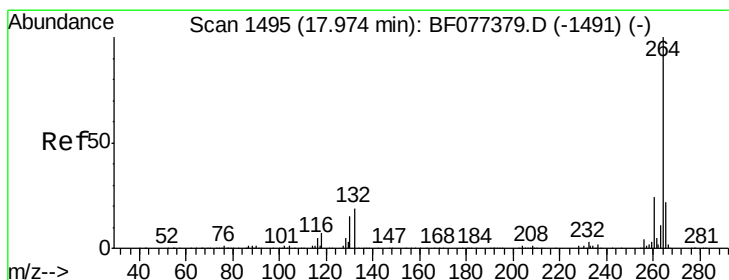
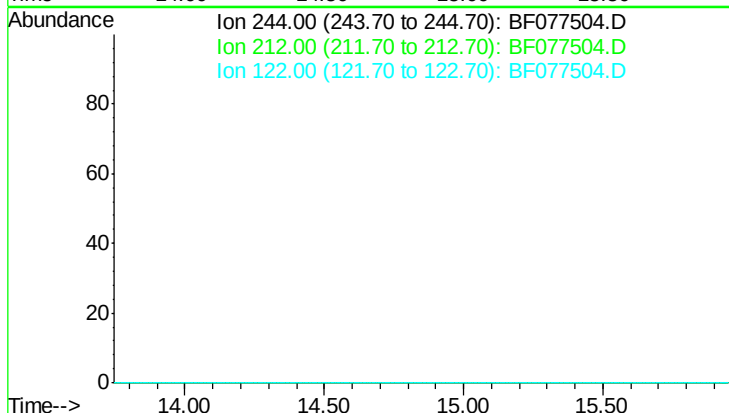




#78  
 Terphenyl-d14  
 Concen: 0.00 ng  
 Expected RT: 14.85 min  
 Lab File: BF077504.D  
 Acq: 27 Feb 2015 14:06

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: 17.97 min Scan# 1495  
 Delta R.T. 0.06 min  
 Lab File: BF077504.D  
 Acq: 27 Feb 2015 14:06

Tgt Ion: 264 Resp: 278051  
 Ion Ratio Lower Upper  
 264 100  
 260 22.6 19.3 28.9  
 265 20.9 16.8 25.2

