

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF032415\  
 Data File : BF077930.D  
 Acq On : 25 Mar 2015 2:12  
 Operator : TP/IZ  
 Sample : G1613-19  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-13

Quant Time: Mar 25 04:52:34 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 04:36:48 2015  
 Response via : Initial Calibration

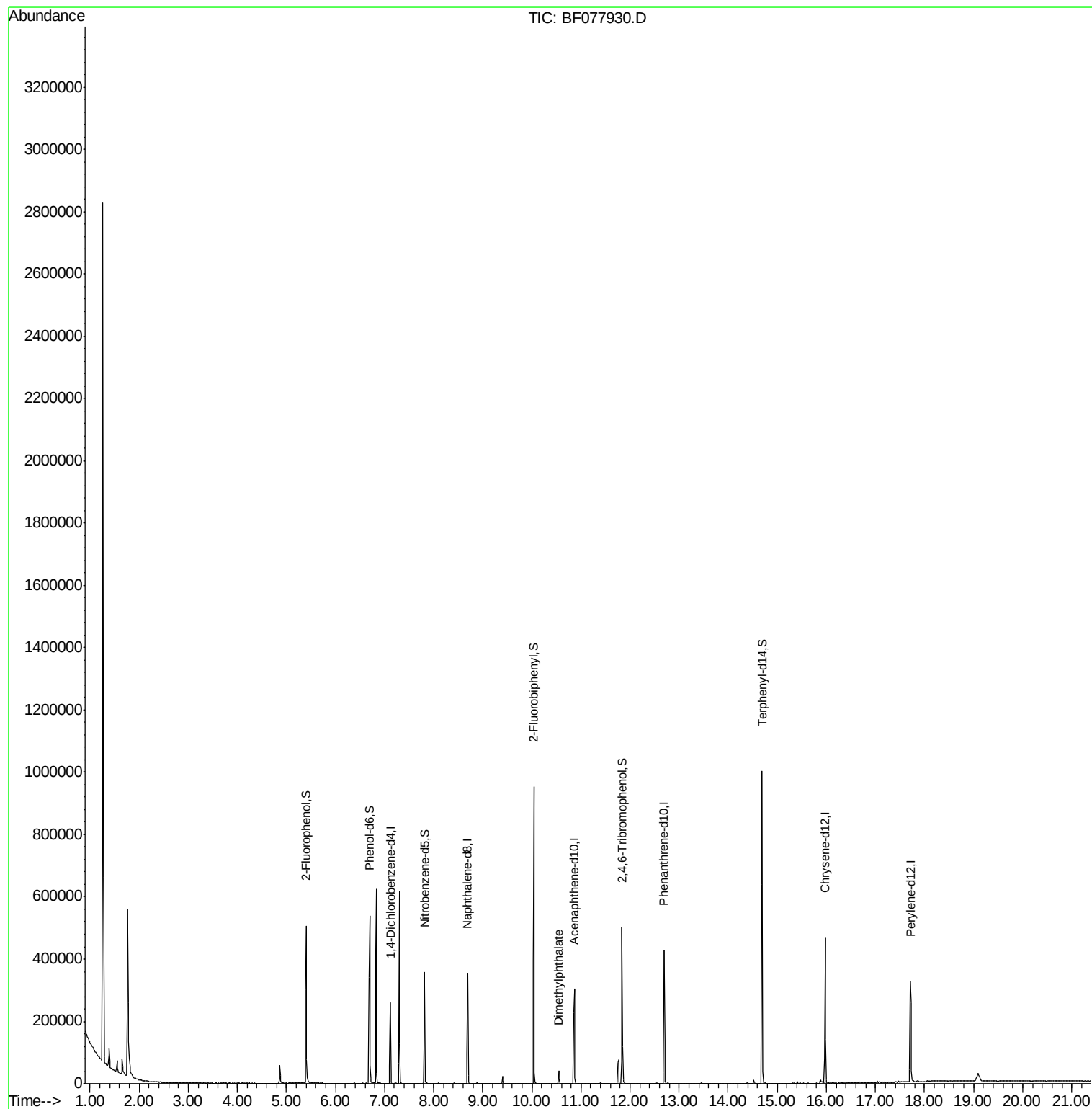
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|-------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.12  | 152  | 42025    | 20.00 | ng    | 0.00          |
| 21) Naphthalene-d8          | 8.69  | 136  | 173438   | 20.00 | ng    | 0.00          |
| 38) Acenaphthene-d10        | 10.86 | 164  | 85145    | 20.00 | ng    | 0.00          |
| 63) Phenanthrene-d10        | 12.69 | 188  | 176303   | 20.00 | ng    | 0.00          |
| 75) Chrysene-d12            | 15.97 | 240  | 187916   | 20.00 | ng    | -0.01         |
| 86) Perylene-d12            | 17.71 | 264  | 177407   | 20.00 | ng    | -0.03         |
| System Monitoring Compounds |       |      |          |       |       |               |
| 5) 2-Fluorophenol           | 5.40  | 112  | 195317   | 81.13 | ng    | 0.00          |
| 7) Phenol-d6                | 6.69  | 99   | 254966   | 85.71 | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 7.81  | 82   | 141367   | 53.43 | ng    | 0.00          |
| 41) 2,4,6-Tribromophenol    | 11.84 | 330  | 58839    | 72.23 | ng    | 0.00          |
| 44) 2-Fluorobiphenyl        | 10.04 | 172  | 347012   | 59.89 | ng    | 0.00          |
| 78) Terphenyl-d14           | 14.69 | 244  | 423833   | 55.09 | ng    | 0.00          |
| Target Compounds            |       |      |          |       |       |               |
| 49) Dimethylphthalate       | 10.54 | 163  | 21046    | 3.33  | ng    | Qvalue<br>100 |

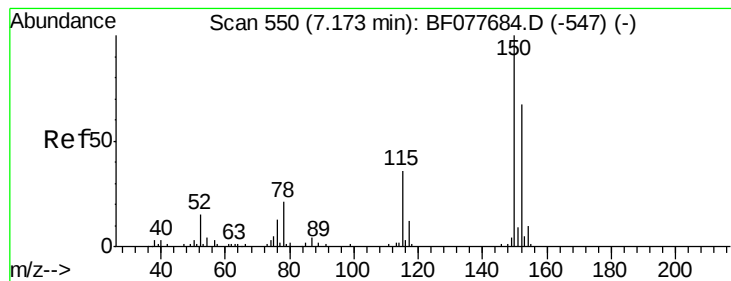
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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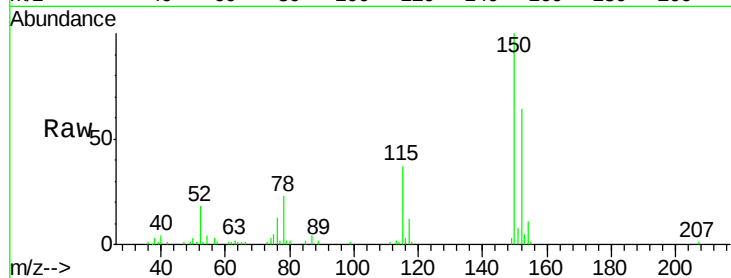




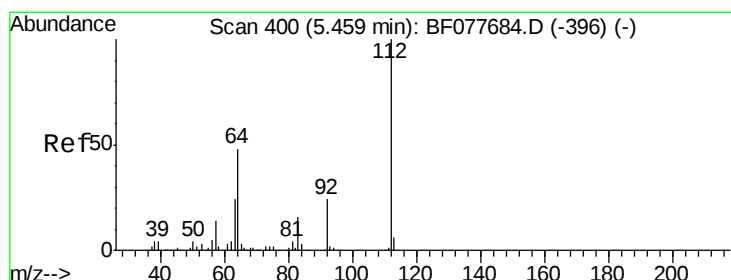
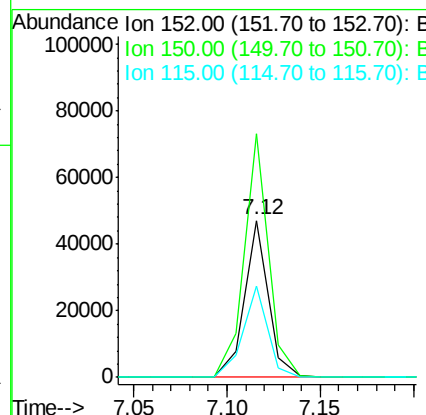
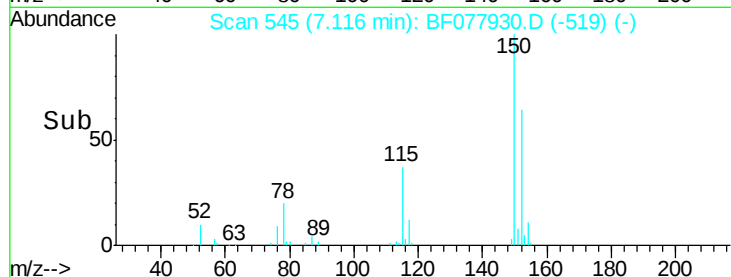
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.12 min Scan# 545  
 Delta R.T. -0.00 min  
 Lab File: BF077930.D  
 Acq: 25 Mar 2015 2:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.4 | 119.5 | 179.3 |
| 115     | 57.9  | 43.0  | 64.4  |

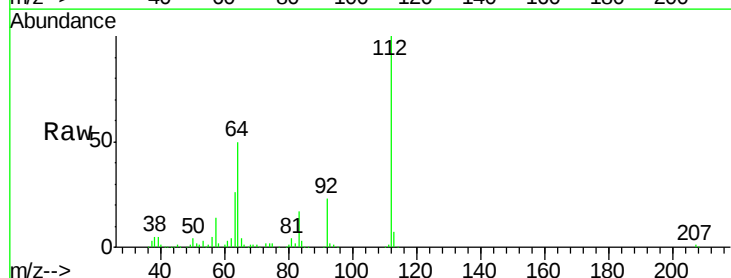


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

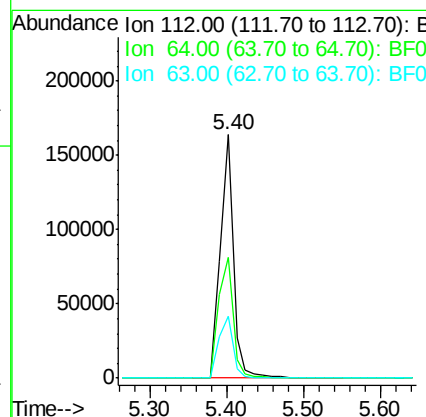
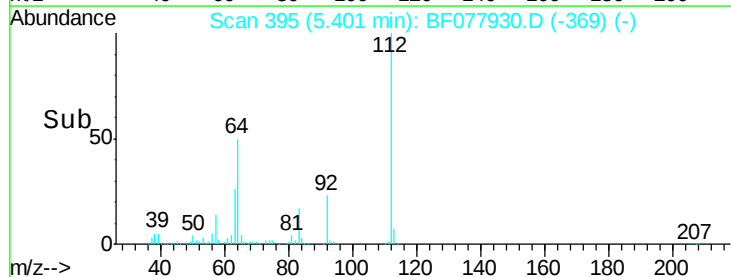


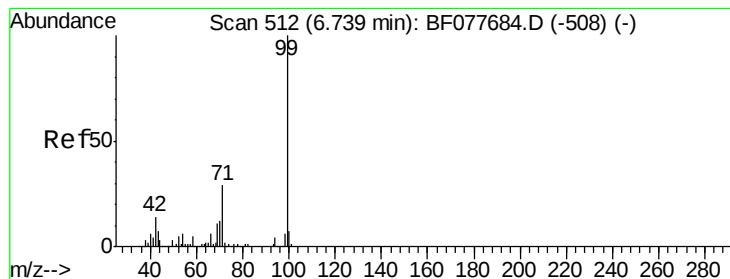
#5  
 2-Fluorophenol  
 Concen: 81.13 ng  
 RT: 5.40 min Scan# 395  
 Delta R.T. -0.00 min  
 Lab File: BF077930.D  
 Acq: 25 Mar 2015 2:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 49.7  | 38.6  | 57.8  |
| 63      | 25.6  | 19.3  | 28.9  |



Abundance Ion 112.00 (111.70 to 112.70): E  
 Ion 64.00 (63.70 to 64.70): BF0  
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 85.71 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF077930.D

Acq: 25 Mar 2015 2:12

Instrument :

BNA\_F

ClientSampleId :

SB-13

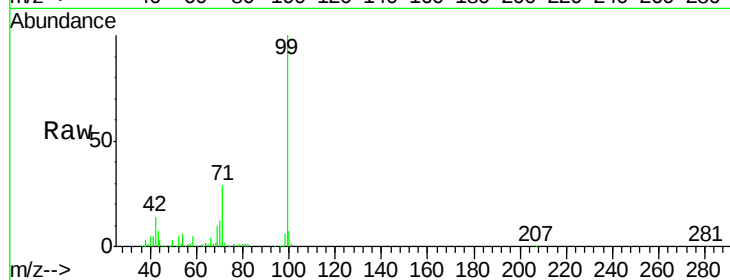
Tgt Ion: 99 Resp: 254966

Ion Ratio Lower Upper

99 100

42 13.7 11.0 16.4

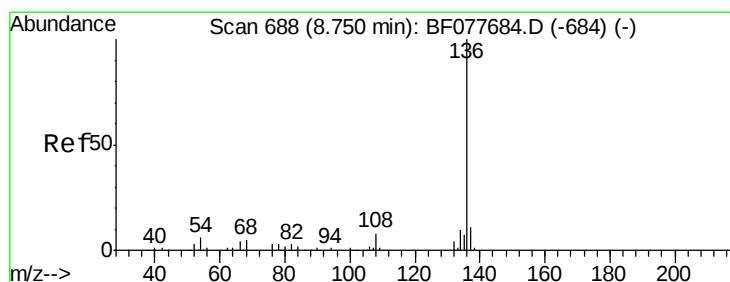
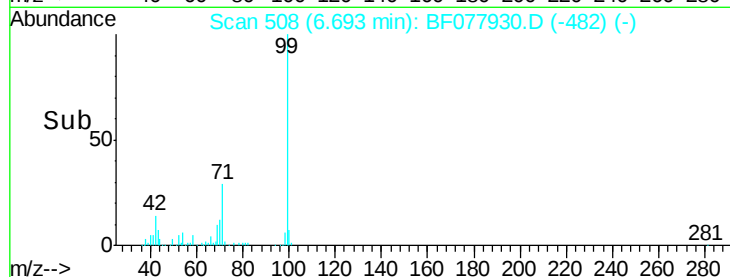
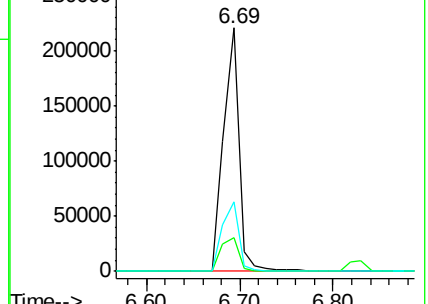
71 28.7 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.69 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF077930.D

Acq: 25 Mar 2015 2:12

Tgt Ion: 136 Resp: 173438

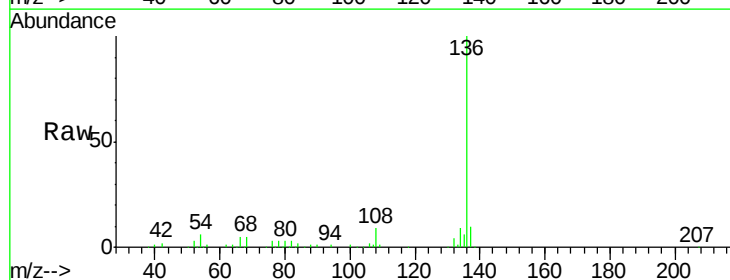
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 6.2 4.6 6.8

68 5.0 3.7 5.5

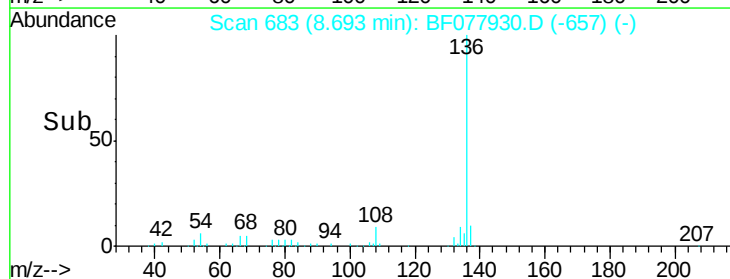
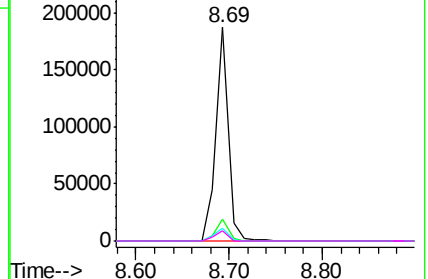


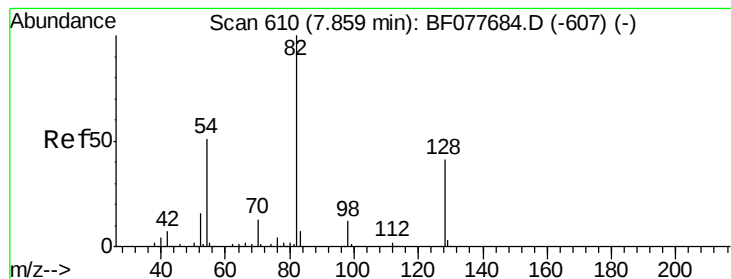
Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.43 ng

RT: 7.81 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF077930.D

Acq: 25 Mar 2015 2:12

Instrument :

BNA\_F

ClientSampleId :

SB-13

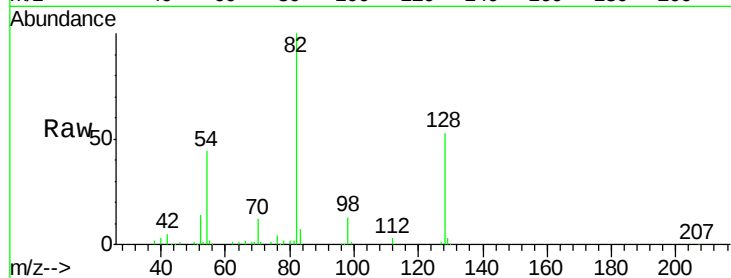
Tgt Ion: 82 Resp: 141367

Ion Ratio Lower Upper

82 100

128 52.9 32.8 49.2#

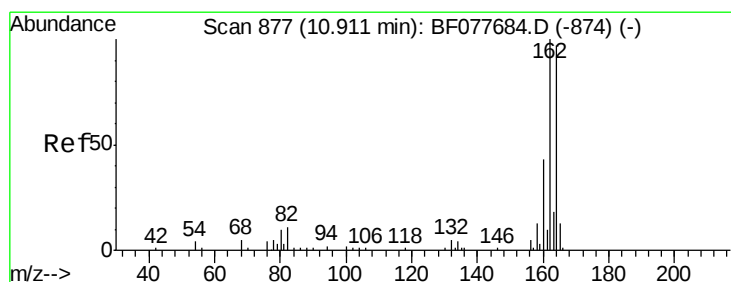
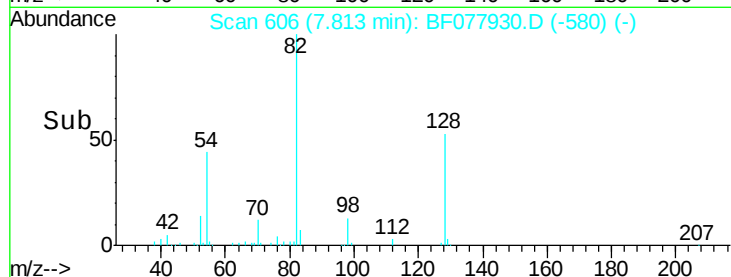
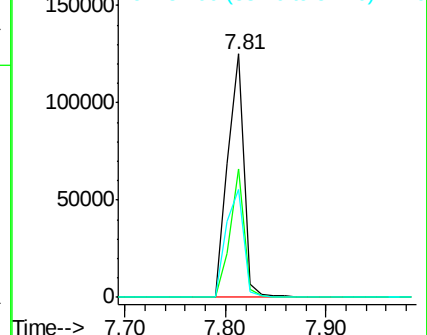
54 44.3 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF077684.D (-607) (-)

Ion 128.00 (127.70 to 128.70): BF077684.D (-607) (-)

Ion 54.00 (53.70 to 54.70): BF077684.D (-607) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.86 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF077930.D

Acq: 25 Mar 2015 2:12

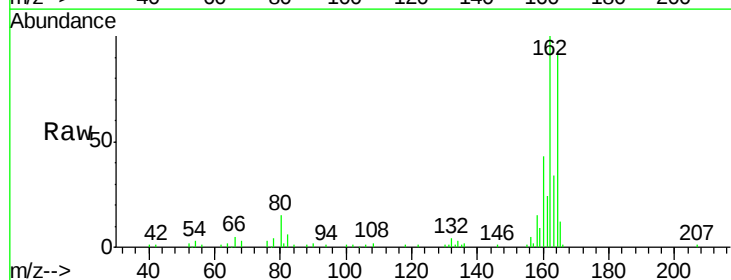
Tgt Ion: 164 Resp: 85145

Ion Ratio Lower Upper

164 100

162 107.1 82.4 123.6

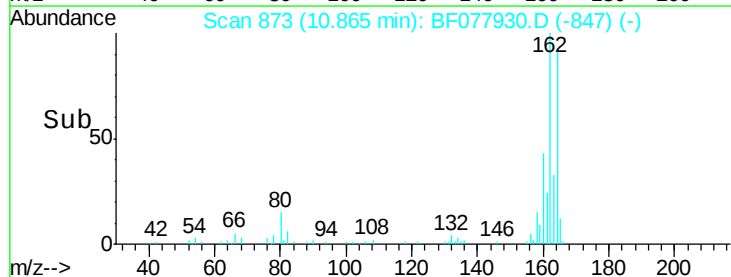
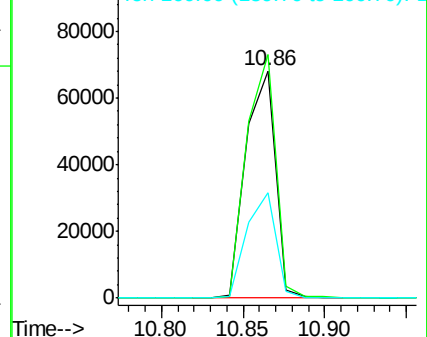
160 46.5 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BF077684.D (-874) (-)

Ion 162.00 (161.70 to 162.70): BF077684.D (-874) (-)

Ion 160.00 (159.70 to 160.70): BF077684.D (-874) (-)

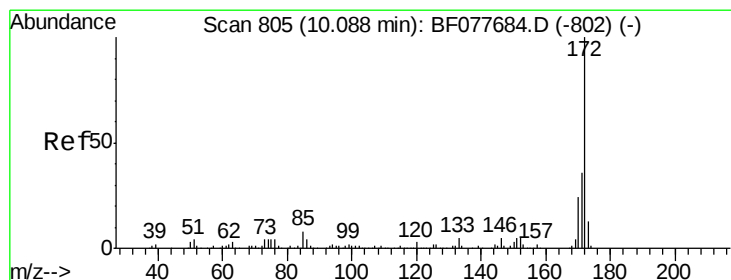
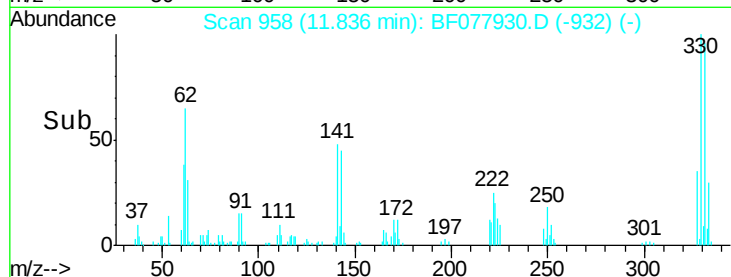
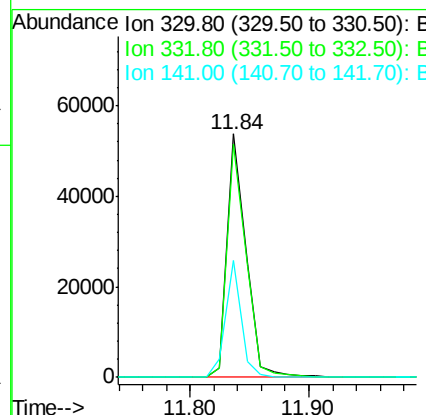
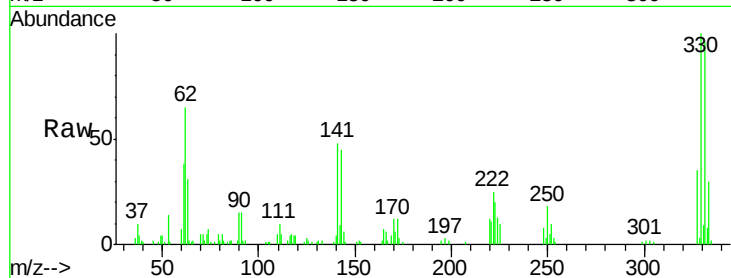




#41  
 2,4,6-Tribromophenol  
 Concen: 72.23 ng  
 RT: 11.84 min Scan# 958  
 Delta R.T. -0.00 min  
 Lab File: BF077930.D  
 Acq: 25 Mar 2015 2:12

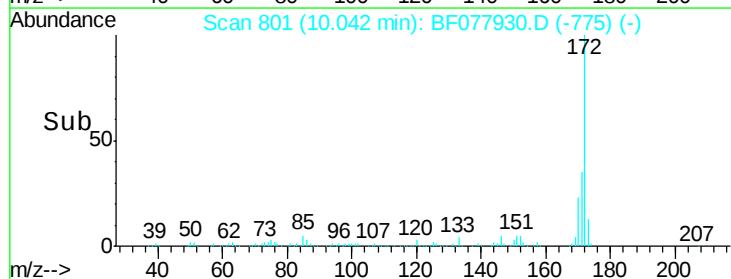
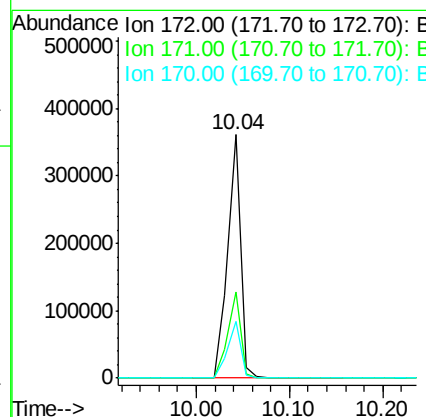
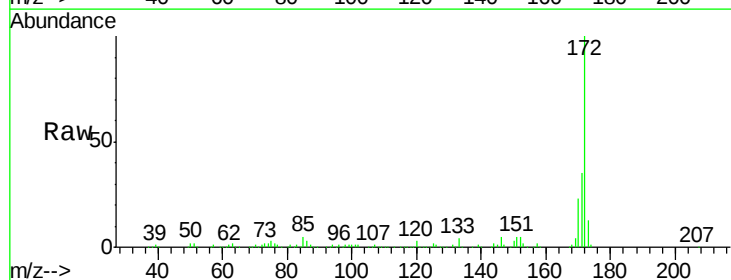
Instrument :  
 BNA\_F  
 ClientSampleId :  
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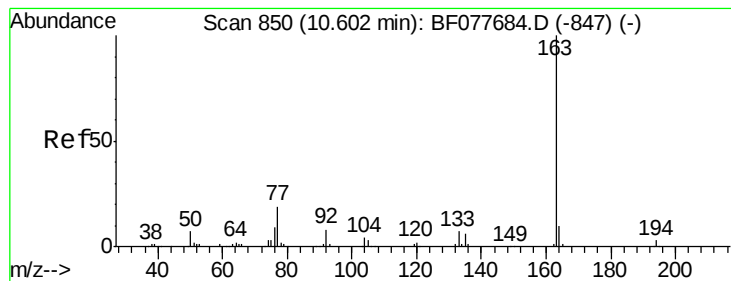
Tgt Ion:330 Resp: 58839  
 Ion Ratio Lower Upper  
 330 100  
 332 96.1 0.0 0.0#  
 141 39.8 0.0 0.0#



#44  
 2-Fluorobiphenyl  
 Concen: 59.89 ng  
 RT: 10.04 min Scan# 801  
 Delta R.T. -0.00 min  
 Lab File: BF077930.D  
 Acq: 25 Mar 2015 2:12

Tgt Ion:172 Resp: 347012  
 Ion Ratio Lower Upper  
 172 100  
 171 35.3 28.5 42.7  
 170 23.2 18.8 28.2





#49

Dimethylphthalate

Concen: 3.33 ng

RT: 10.54 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF077930.D

Acq: 25 Mar 2015 2:12

Instrument :

BNA\_F

ClientSampled :

SB-13

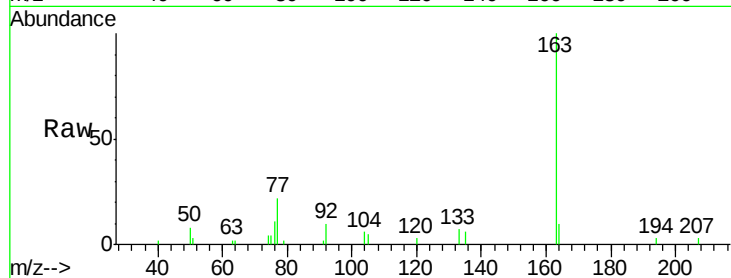
Tgt Ion:163 Resp: 21046

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

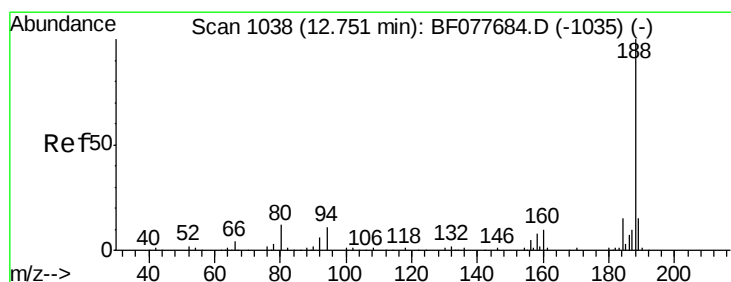
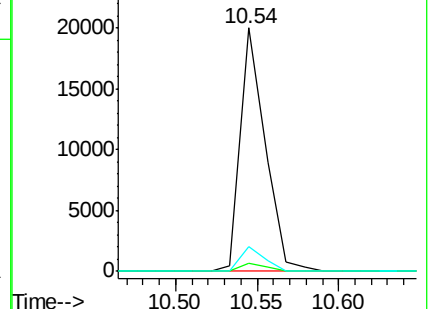
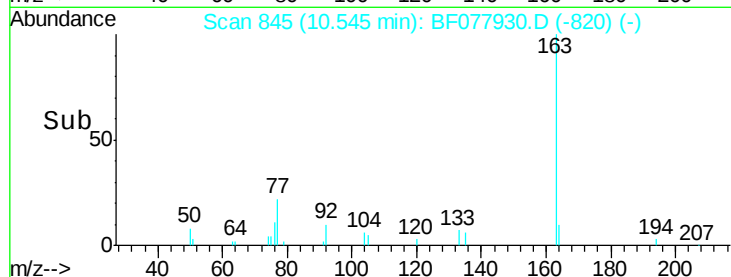
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.69 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF077930.D

Acq: 25 Mar 2015 2:12

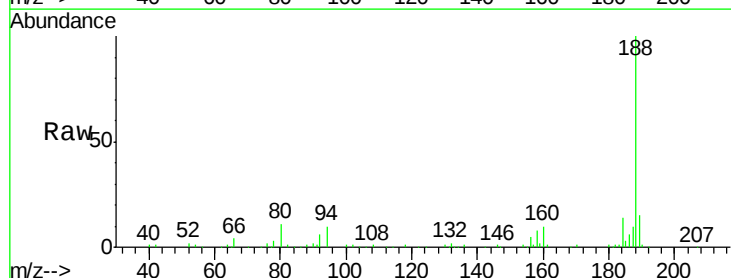
Tgt Ion:188 Resp: 176303

Ion Ratio Lower Upper

188 100

94 10.5 8.7 13.1

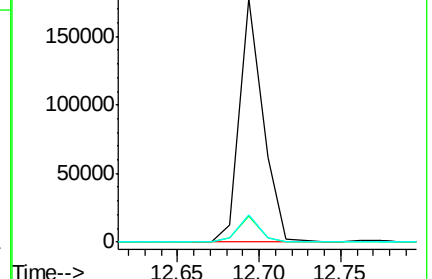
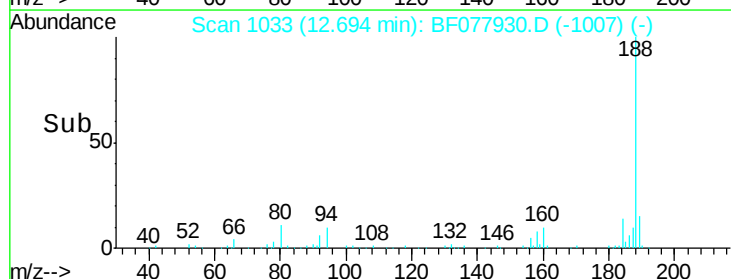
80 11.0 9.3 13.9

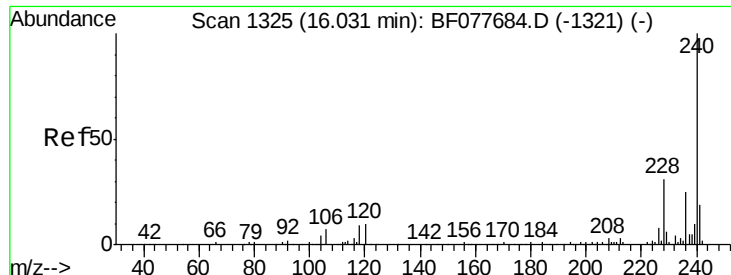


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

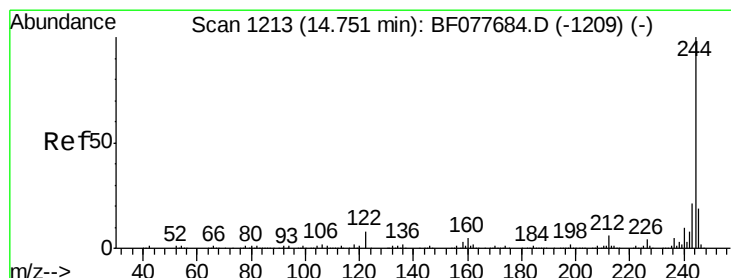
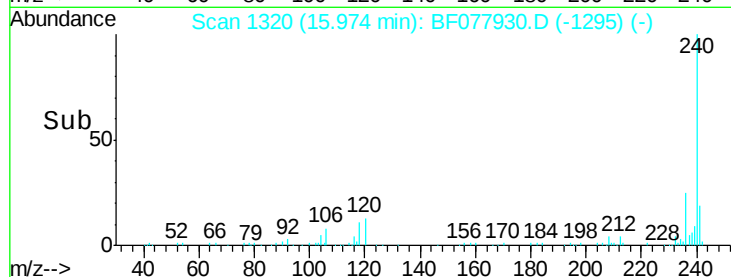
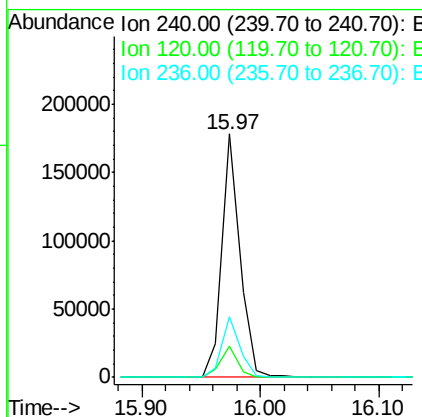
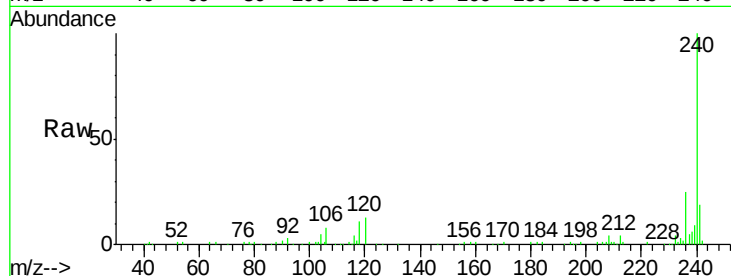




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 15.97 min Scan# 1320  
Delta R.T. -0.01 min  
Lab File: BF077930.D  
Acq: 25 Mar 2015 2:12

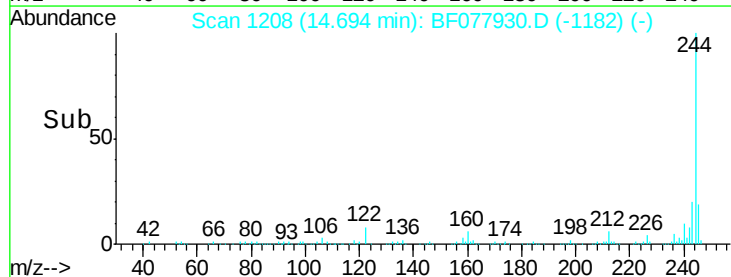
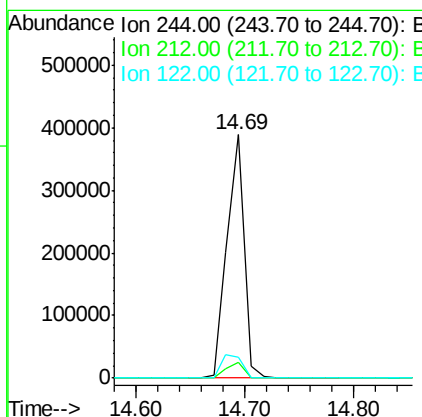
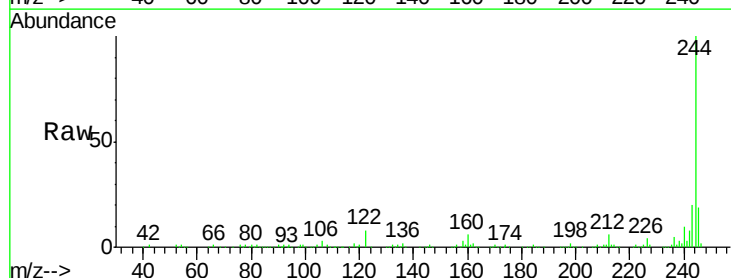
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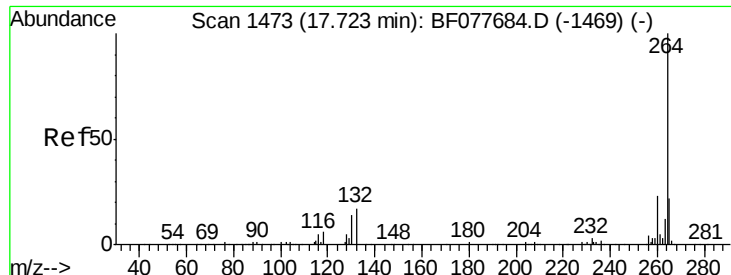
Tgt Ion:240 Resp: 187916  
Ion Ratio Lower Upper  
240 100  
120 12.8 8.2 12.2#  
236 25.0 20.0 30.0



#78  
Terphenyl-d14  
Concen: 55.09 ng  
RT: 14.69 min Scan# 1208  
Delta R.T. -0.00 min  
Lab File: BF077930.D  
Acq: 25 Mar 2015 2:12

Tgt Ion:244 Resp: 423833  
Ion Ratio Lower Upper  
244 100  
212 6.3 4.9 7.3  
122 8.5 6.2 9.4

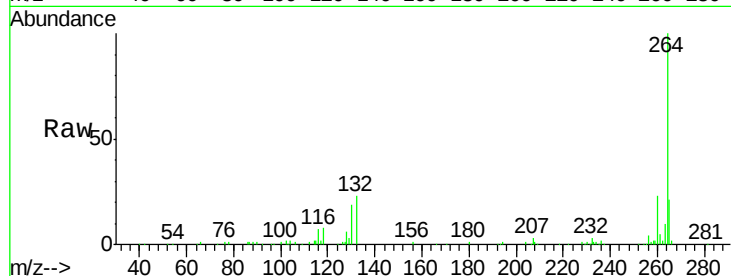




#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 17.71 min Scan# 1472  
Delta R.T. -0.03 min  
Lab File: BF077930.D  
Acq: 25 Mar 2015 2:12

Instrument :  
BNA\_F  
ClientSampleId :  
SB-13

Tgt Ion: 264 Resp: 177407  
Ion Ratio Lower Upper  
264 100  
260 23.0 18.6 27.8  
265 21.5 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

