

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071315\  
 Data File : BF080434.D  
 Acq On : 13 Jul 2015 19:05  
 Operator : TP/UM  
 Sample : G2945-05  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TE-PMW-34

Quant Time: Jul 14 08:02:01 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 14 00:52:37 2015  
 Response via : Initial Calibration

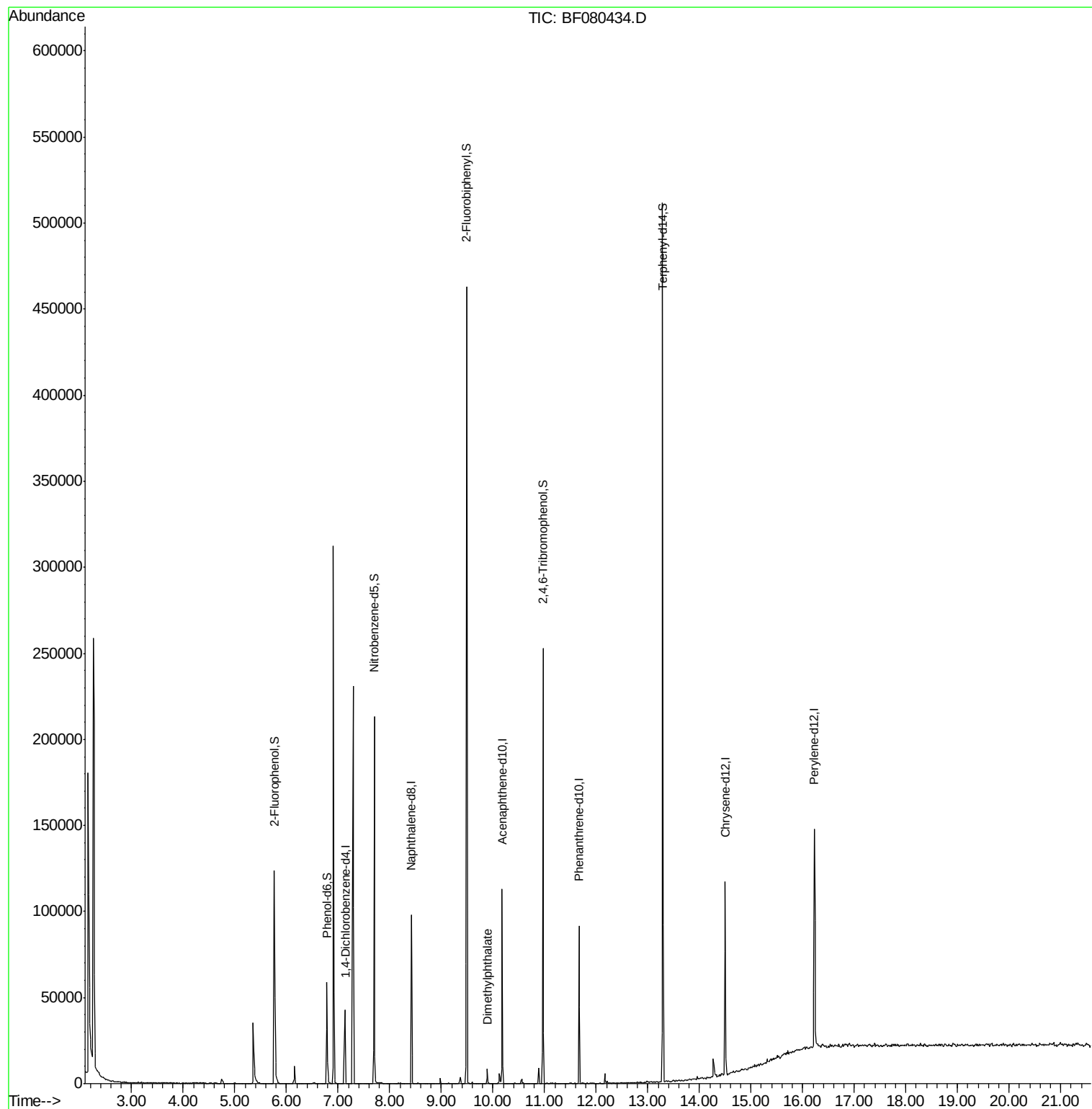
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.14  | 152  | 9247     | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 8.42  | 136  | 41689    | 20.00  | ng    | 0.00           |
| 38) Acenaphthene-d10        | 10.18 | 164  | 21047    | 20.00  | ng    | 0.00           |
| 63) Phenanthrene-d10        | 11.66 | 188  | 39303    | 20.00  | ng    | -0.02          |
| 75) Chrysene-d12            | 14.50 | 240  | 52416    | 20.00  | ng    | -0.22          |
| 86) Perylene-d12            | 16.23 | 264  | 65386    | 20.00  | ng    | -0.37          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.77  | 112  | 39050    | 72.37  | ng    | 0.00           |
| 7) Phenol-d6                | 6.78  | 99   | 28302    | 39.37  | ng    | 0.01           |
| 23) Nitrobenzene-d5         | 7.70  | 82   | 61208    | 83.74  | ng    | 0.00           |
| 41) 2,4,6-Tribromophenol    | 10.97 | 330  | 21687    | 105.58 | ng    | -0.01          |
| 44) 2-Fluorobiphenyl        | 9.49  | 172  | 135822   | 86.92  | ng    | 0.00           |
| 78) Terphenyl-d14           | 13.29 | 244  | 151233   | 62.66  | ng    | -0.11          |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 9.89  | 163  | 5485     | 3.45   | ng    | Qvalue<br># 96 |

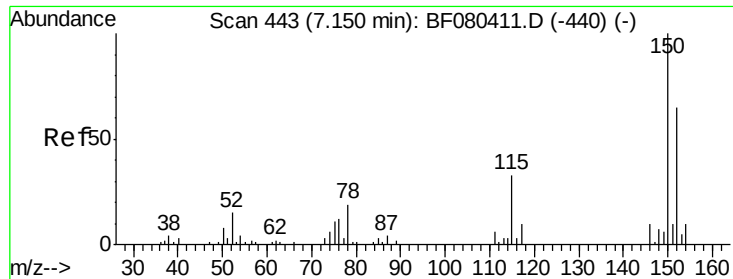
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA\_F  
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071015.M  
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QLast Update : Tue Jul 14 00:52:37 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF080434.D

Acq: 13 Jul 2015 19:05

Instrument :

BNA\_F

ClientSampleId :

TE-PMW-34

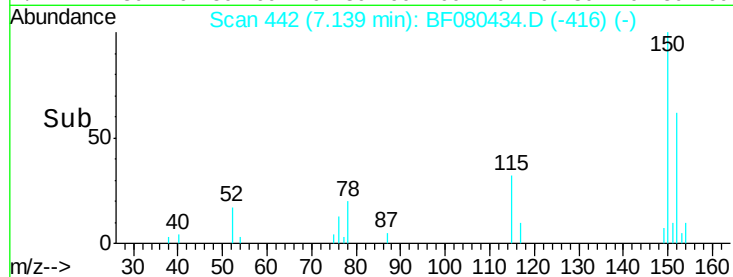
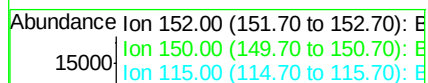
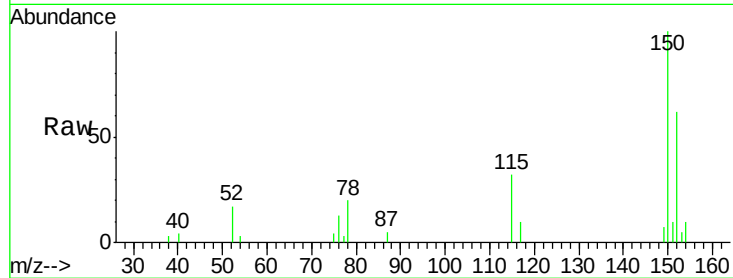
Tgt Ion:152 Resp: 9247

Ion Ratio Lower Upper

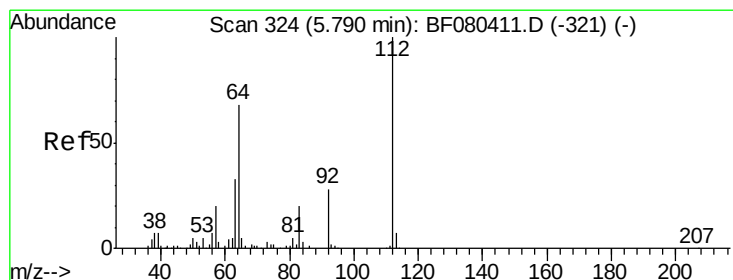
152 100

150 161.3 122.3 183.5

115 52.0 41.0 61.4



Time-->



#5

2-Fluorophenol

Concen: 72.37 ng

RT: 5.77 min Scan# 322

Delta R.T. -0.00 min

Lab File: BF080434.D

Acq: 13 Jul 2015 19:05

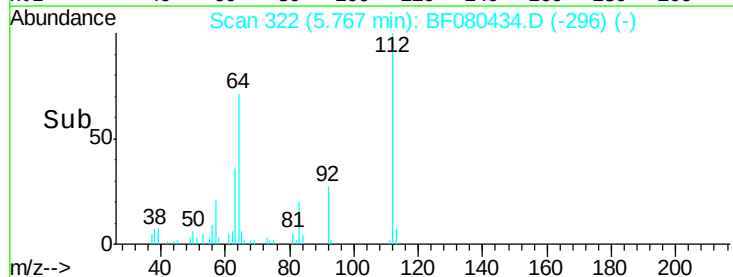
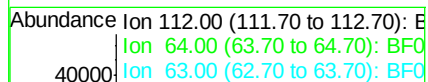
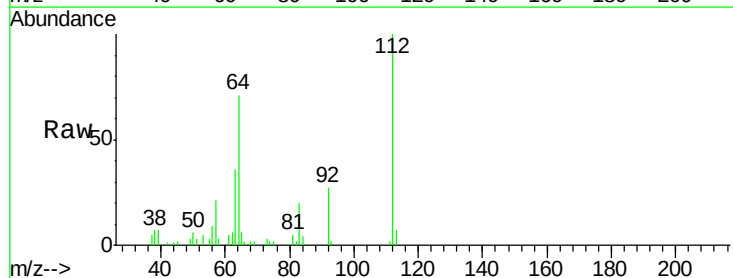
Tgt Ion:112 Resp: 39050

Ion Ratio Lower Upper

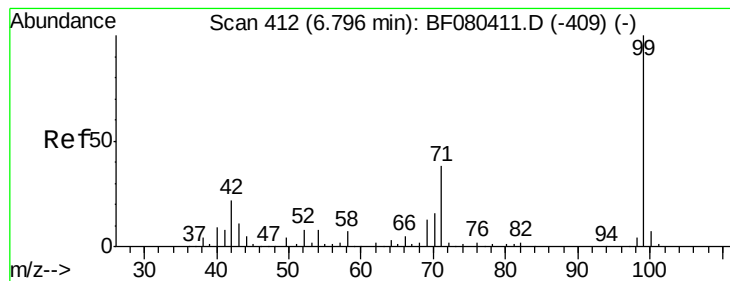
112 100

64 70.5 54.3 81.5

63 35.7 26.7 40.1



Time-->



#7

Phenol-d6

Concen: 39.37 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF080434.D

Acq: 13 Jul 2015 19:05

Instrument :

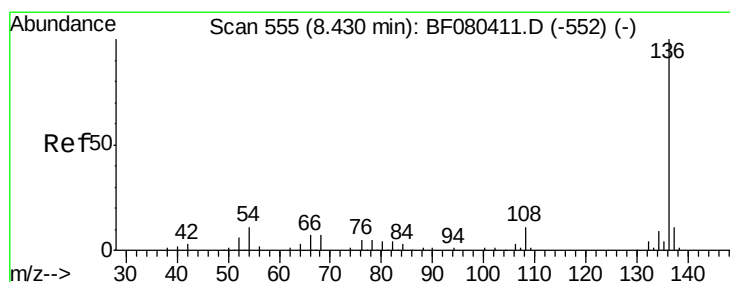
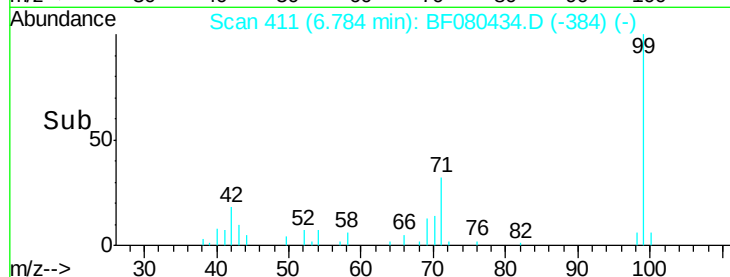
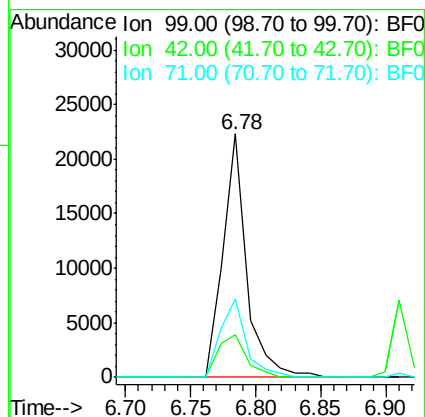
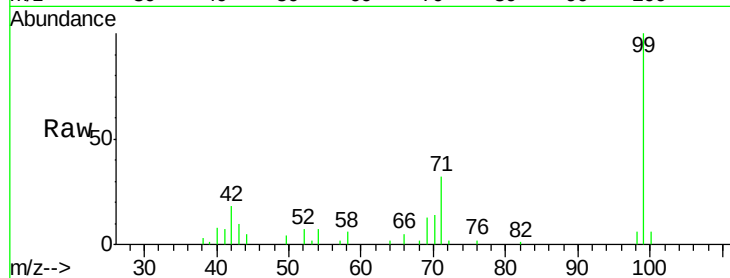
BNA\_F

ClientSampleId :

TE-PMW-34

Tgt Ion: 99 Resp: 28302

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.7  | 17.9  | 26.9# |
| 71  | 32.3  | 30.1  | 45.1  |



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.42 min Scan# 554

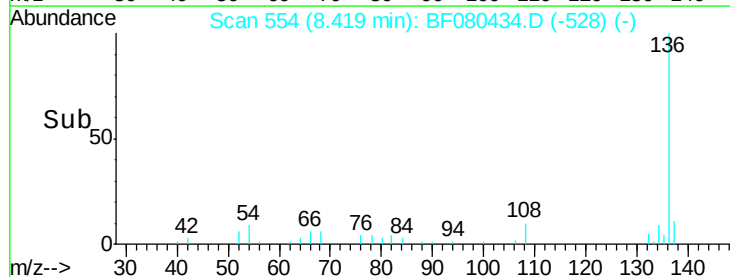
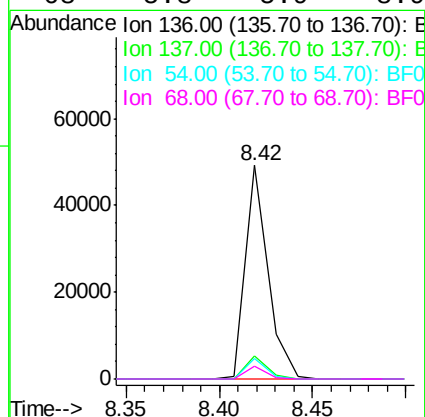
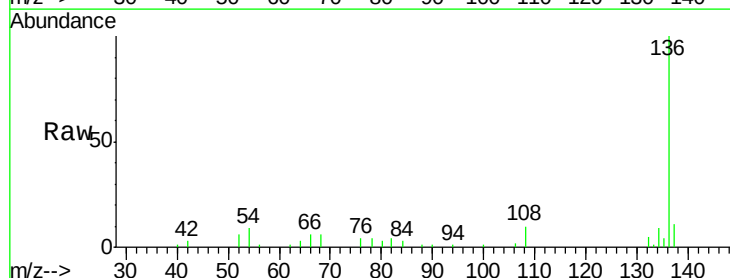
Delta R.T. -0.00 min

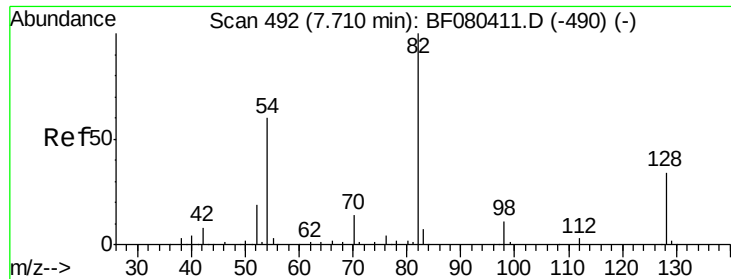
Lab File: BF080434.D

Acq: 13 Jul 2015 19:05

Tgt Ion: 136 Resp: 41689

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 9.0   | 13.4  |
| 54  | 9.5   | 9.1   | 13.7  |
| 68  | 5.8   | 5.9   | 8.9#  |

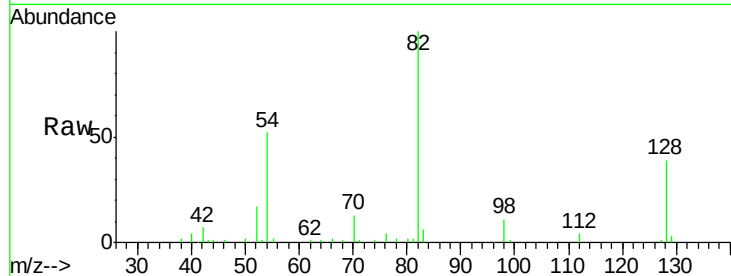




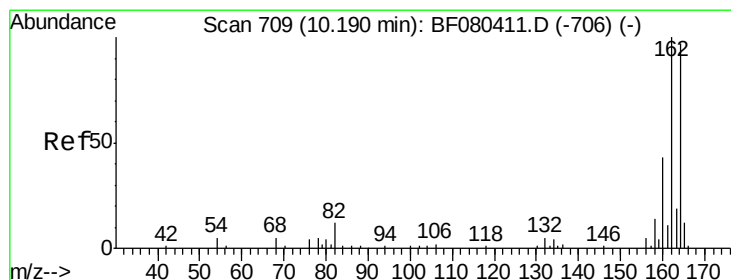
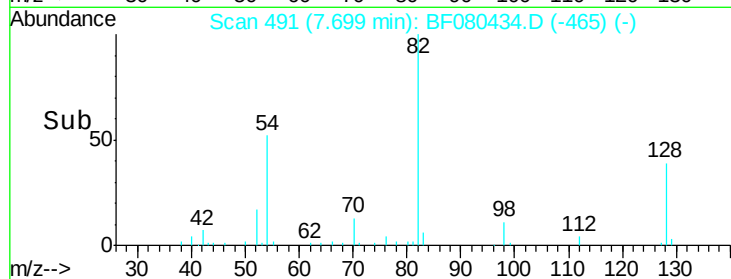
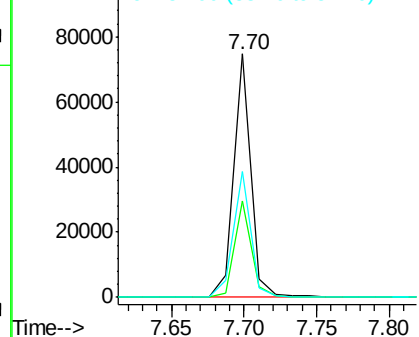
#23  
 Nitrobenzene-d5  
 Concen: 83.74 ng  
 RT: 7.70 min Scan# 491  
 Delta R.T. -0.00 min  
 Lab File: BF080434.D  
 Acq: 13 Jul 2015 19:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TE-PMW-34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 39.4  | 26.9  | 40.3  |
| 54      | 51.9  | 47.7  | 71.5  |

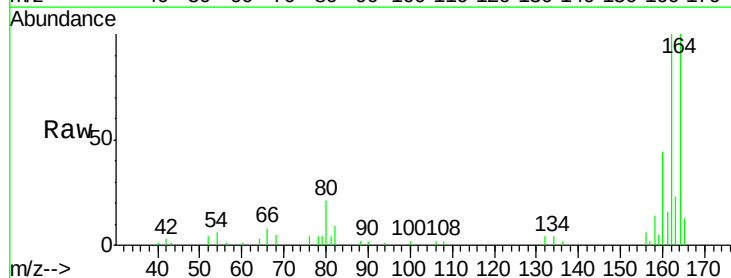


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF0

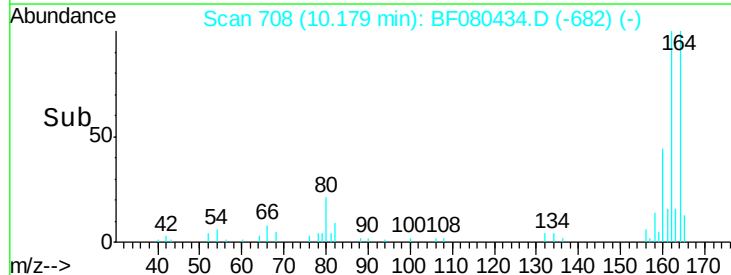
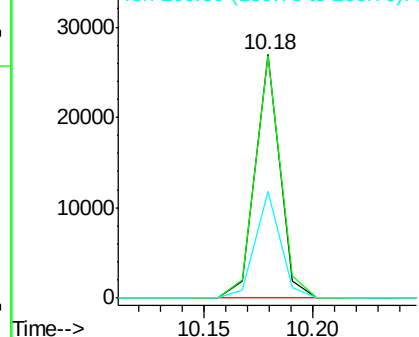


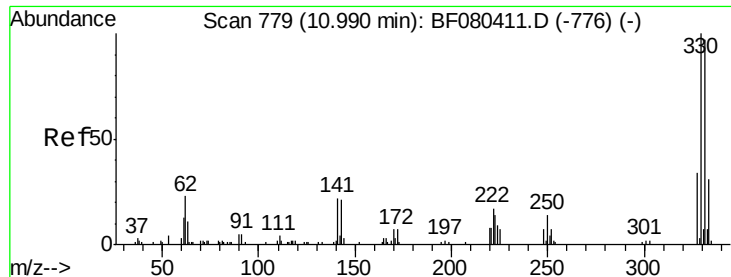
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.18 min Scan# 708  
 Delta R.T. -0.00 min  
 Lab File: BF080434.D  
 Acq: 13 Jul 2015 19:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 99.7  | 82.7  | 124.1 |
| 160     | 43.7  | 35.5  | 53.3  |



Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

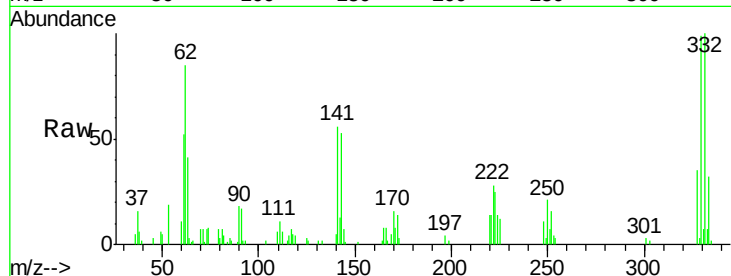




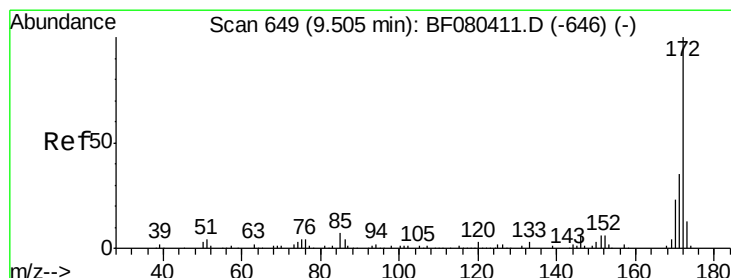
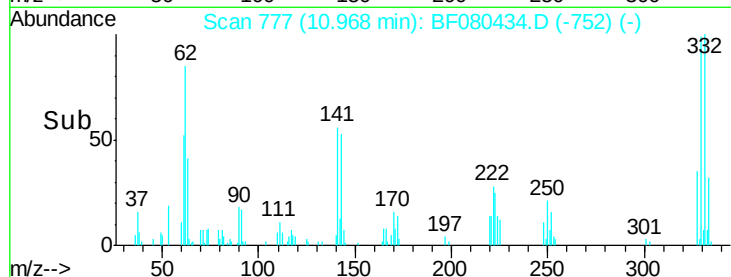
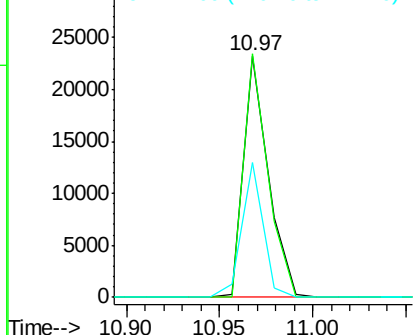
#41  
 2,4,6-Tribromophenol  
 Concen: 105.58 ng  
 RT: 10.97 min Scan# 777  
 Delta R.T. -0.01 min  
 Lab File: BF080434.D  
 Acq: 13 Jul 2015 19:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TE-PMW-34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.1  | 78.0  | 117.0 |
| 141     | 48.0  | 28.6  | 43.0  |

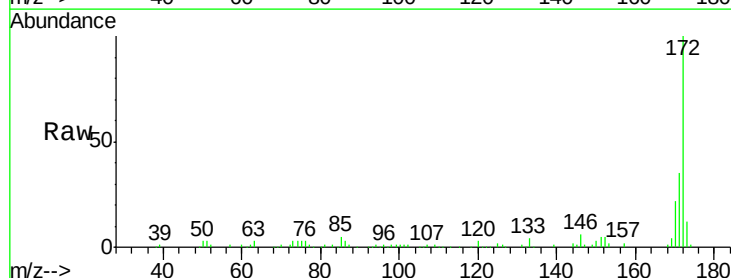


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

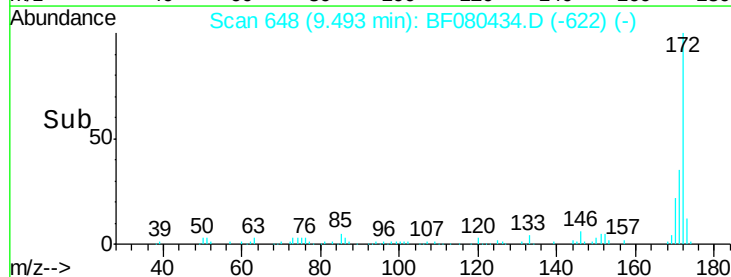
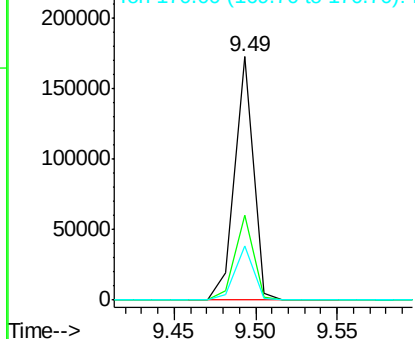


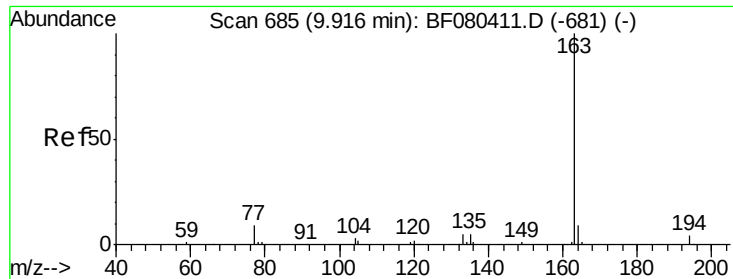
#44  
 2-Fluorobiphenyl  
 Concen: 86.92 ng  
 RT: 9.49 min Scan# 648  
 Delta R.T. -0.00 min  
 Lab File: BF080434.D  
 Acq: 13 Jul 2015 19:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.9  | 28.4  | 42.6  |
| 170     | 22.5  | 18.6  | 28.0  |



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.45 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF080434.D

Acq: 13 Jul 2015 19:05

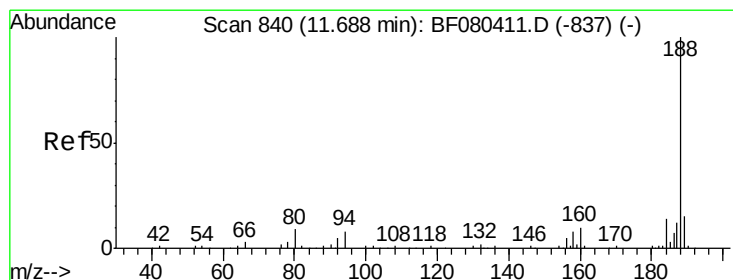
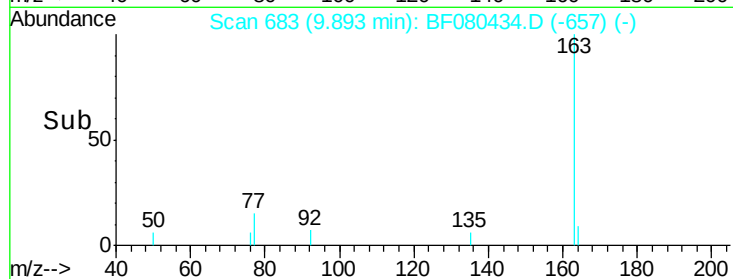
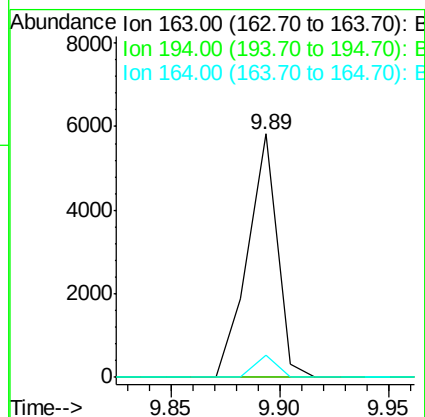
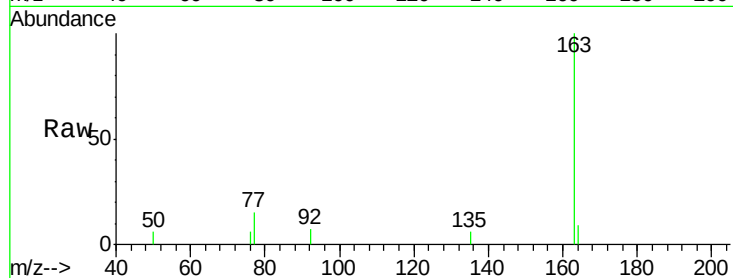
Instrument :

BNA\_F

ClientSampleId :

TE-PMW-34

Tgt Ion:163 Resp: 5485  
 Ion Ratio Lower Upper  
 163 100  
 194 0.0 3.4 5.2#  
 164 9.2 7.4 11.0



#63

Phenanthrene-d10

Concen: 20.00 ng

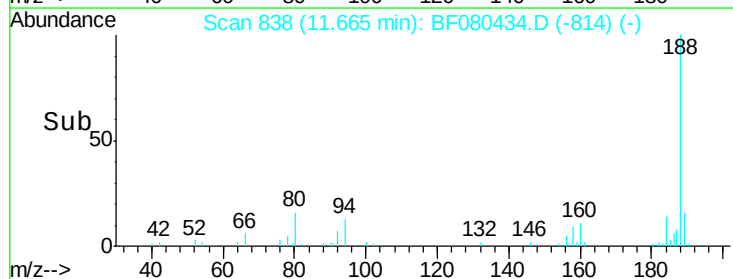
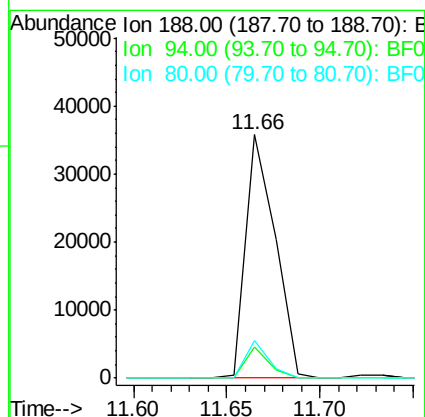
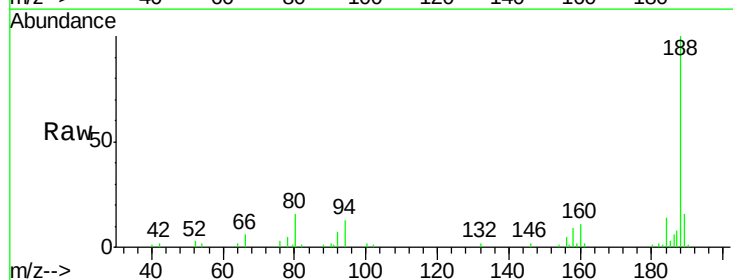
RT: 11.66 min Scan# 838

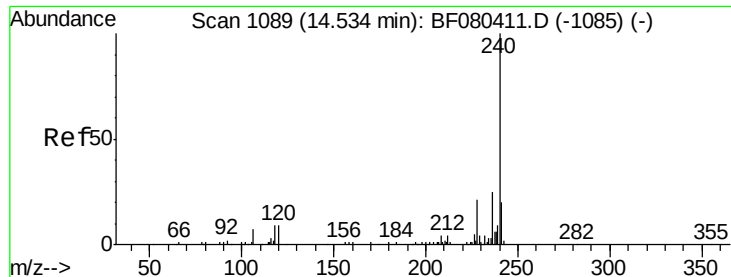
Delta R.T. -0.02 min

Lab File: BF080434.D

Acq: 13 Jul 2015 19:05

Tgt Ion:188 Resp: 39303  
 Ion Ratio Lower Upper  
 188 100  
 94 12.6 6.7 10.1#  
 80 15.5 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.50 min Scan# 1086

Delta R.T. -0.22 min

Lab File: BF080434.D

Acq: 13 Jul 2015 19:05

Instrument :

BNA\_F

ClientSampleId :

TE-PMW-34

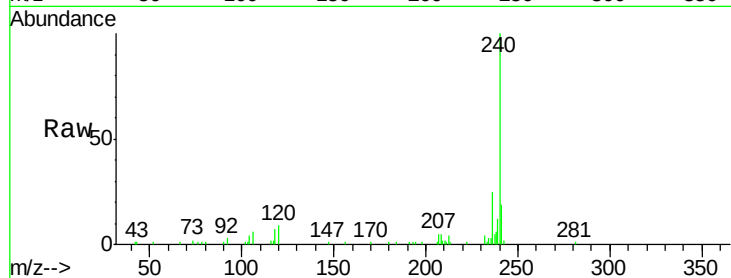
Tgt Ion:240 Resp: 52416

Ion Ratio Lower Upper

240 100

120 8.9 7.4 11.2

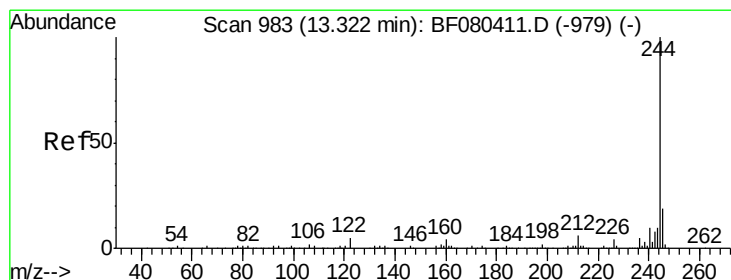
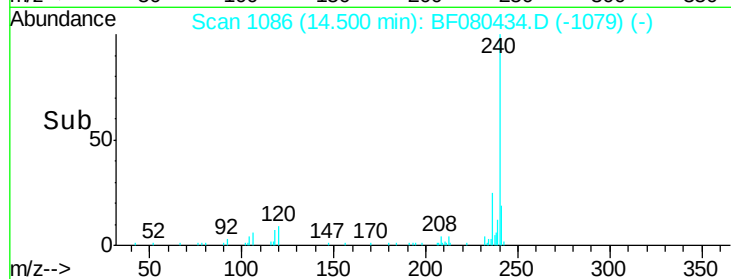
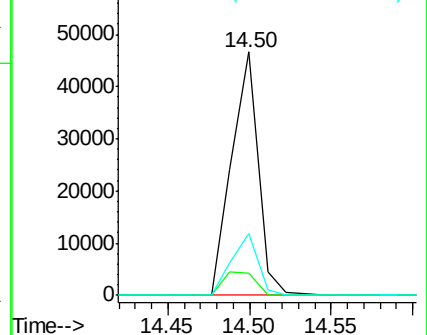
236 25.4 19.7 29.5



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: 62.66 ng

RT: 13.29 min Scan# 980

Delta R.T. -0.11 min

Lab File: BF080434.D

Acq: 13 Jul 2015 19:05

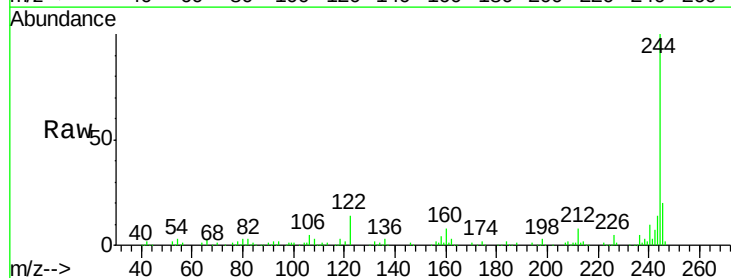
Tgt Ion:244 Resp: 151233

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

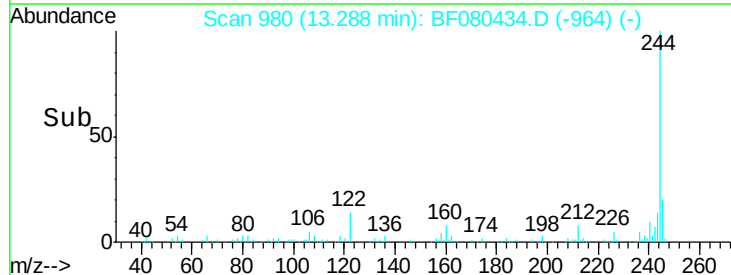
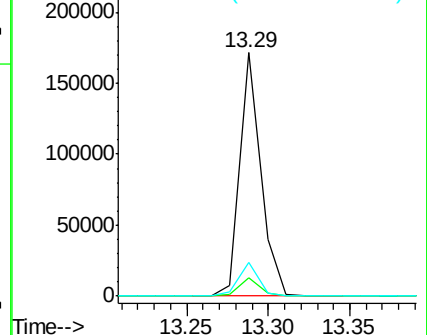
122 13.7 4.1 6.1#



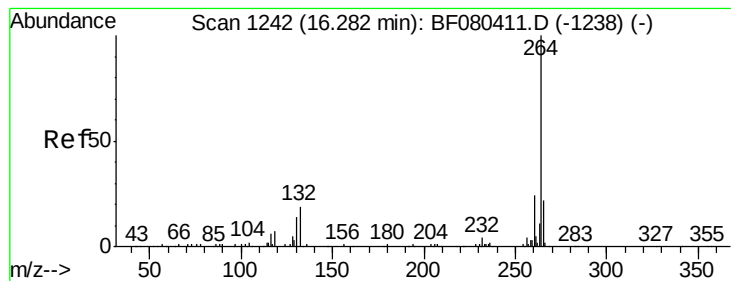
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E







#86

Perylene-d12

Concen: 20.00 ng

RT: 16.23 min Scan# 1237

Delta R.T. -0.37 min

Lab File: BF080434.D

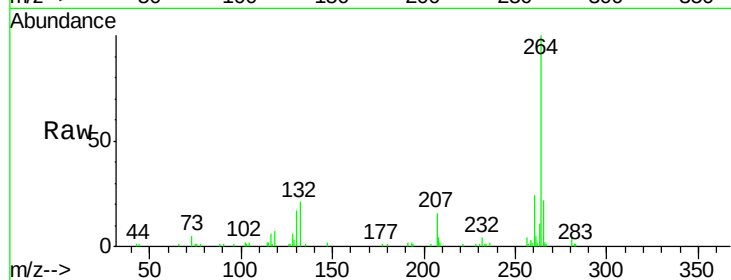
Acq: 13 Jul 2015 19:05

Instrument :

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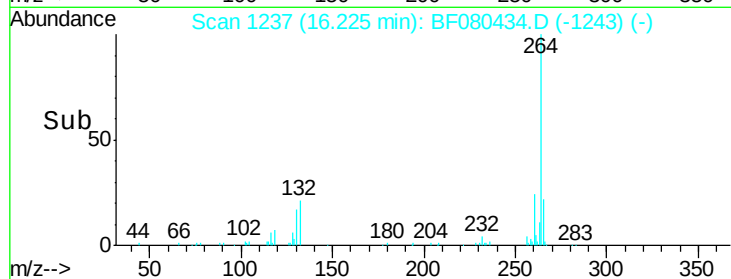
Tgt Ion: 264 Resp: 65386

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.8 17.8 26.8



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

