

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF052015\  
 Data File : BF079383.D  
 Acq On : 20 May 2015 17:34  
 Operator : TP/IZ  
 Sample : G2305-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KM-SP-001-150518

Quant Time: May 21 01:13:48 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 21 00:52:28 2015  
 Response via : Initial Calibration

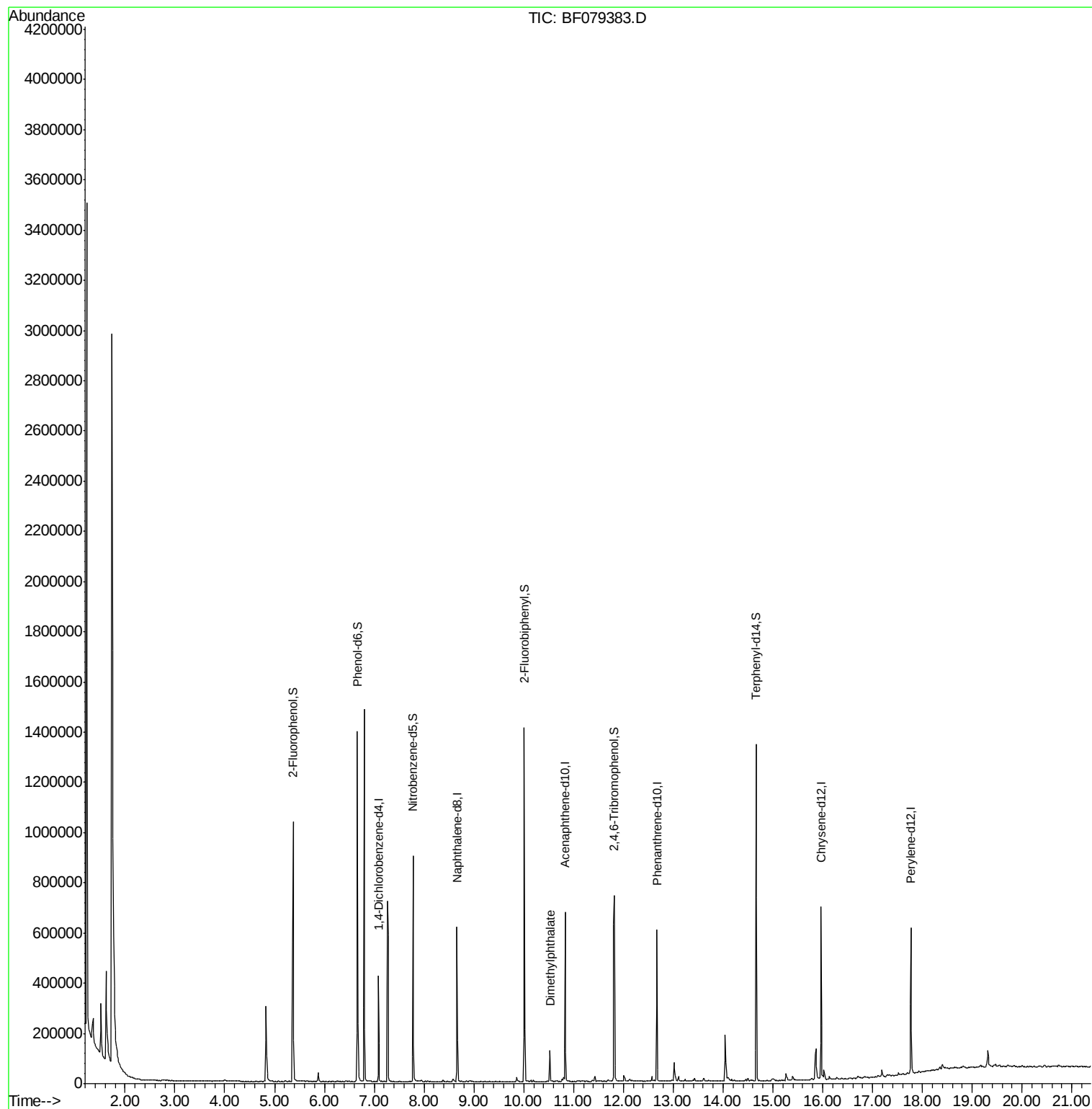
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|-------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.08  | 152  | 69085    | 20.00 | ng    | 0.00          |
| 21) Naphthalene-d8          | 8.66  | 136  | 280867   | 20.00 | ng    | 0.00          |
| 38) Acenaphthene-d10        | 10.83 | 164  | 136893   | 20.00 | ng    | 0.00          |
| 63) Phenanthrene-d10        | 12.67 | 188  | 262952   | 20.00 | ng    | 0.00          |
| 75) Chrysene-d12            | 15.97 | 240  | 271281   | 20.00 | ng    | -0.01         |
| 86) Perylene-d12            | 17.77 | 264  | 277682   | 20.00 | ng    | -0.05         |
| System Monitoring Compounds |       |      |          |       |       |               |
| 5) 2-Fluorophenol           | 5.37  | 112  | 360527   | 89.83 | ng    | 0.00          |
| 7) Phenol-d6                | 6.66  | 99   | 475606   | 89.65 | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 7.78  | 82   | 274049   | 56.08 | ng    | 0.00          |
| 41) 2,4,6-Tribromophenol    | 11.82 | 330  | 132255   | 89.31 | ng    | 0.00          |
| 44) 2-Fluorobiphenyl        | 10.01 | 172  | 421845   | 42.93 | ng    | 0.00          |
| 78) Terphenyl-d14           | 14.66 | 244  | 531368   | 46.90 | ng    | -0.01         |
| Target Compounds            |       |      |          |       |       |               |
| 49) Dimethylphthalate       | 10.52 | 163  | 71788    | 7.15  | ng    | Qvalue<br>100 |

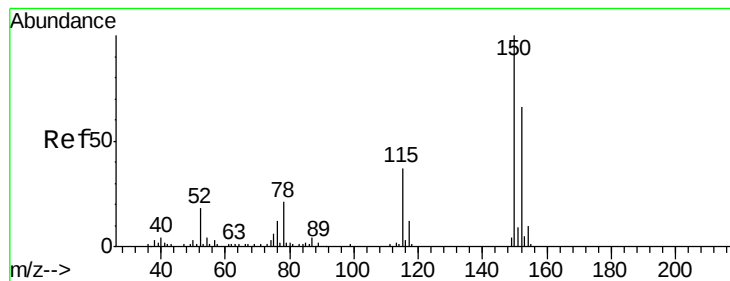
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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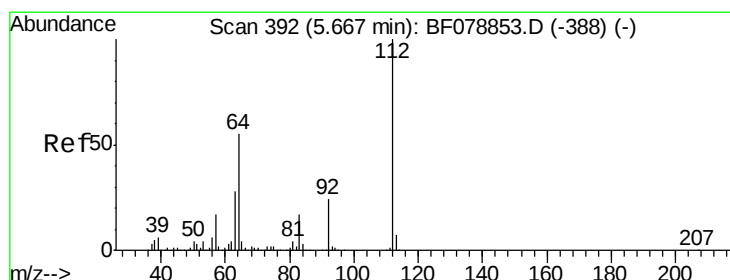
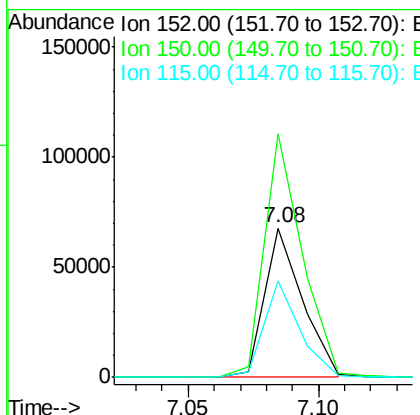
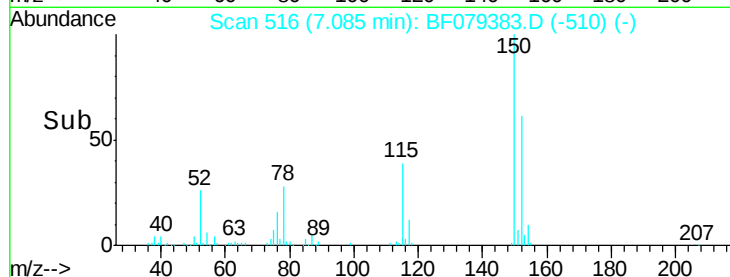
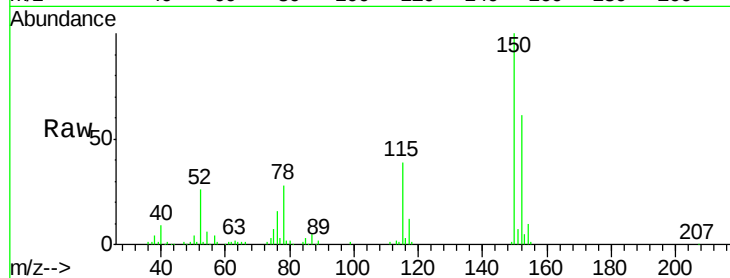




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.08 min Scan# 516  
 Delta R.T. -0.00 min  
 Lab File: BF079383.D  
 Acq: 20 May 2015 17:34

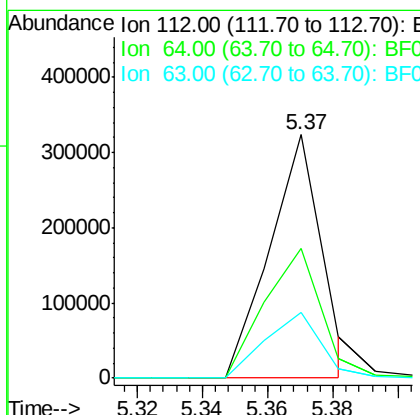
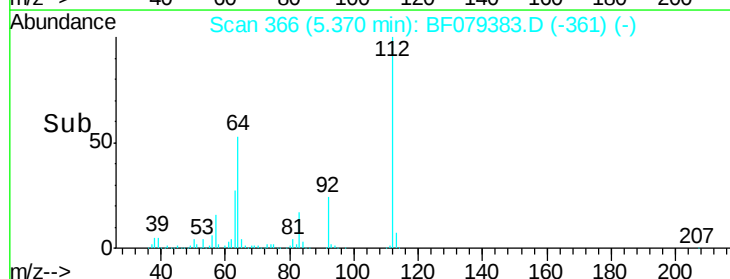
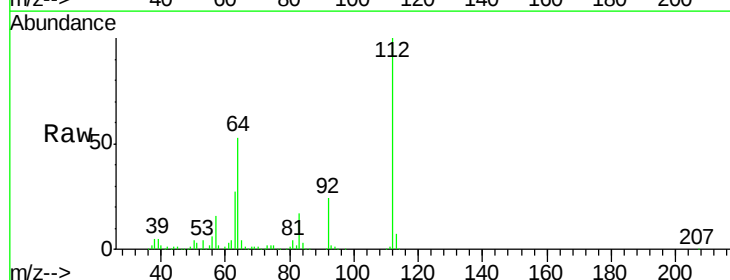
Instrument :  
 BNA\_F  
 ClientSampleId :  
 KM-SP-001-150518

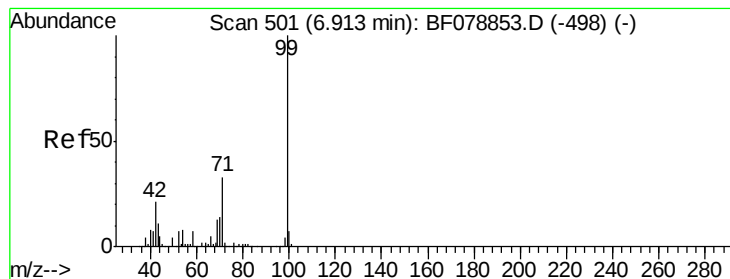
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 69085 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 150      | 163.1 | 123.8 | 185.8 |
| 115      | 64.2  | 49.4  | 74.0  |



#5  
 2-Fluorophenol  
 Concen: 89.83 ng  
 RT: 5.37 min Scan# 366  
 Delta R.T. -0.00 min  
 Lab File: BF079383.D  
 Acq: 20 May 2015 17:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 360527 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 53.2  | 44.2  | 66.2   |
| 63       | 26.9  | 22.7  | 34.1   |





#7

Phenol-d6

Concen: 89.65 ng

RT: 6.66 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF079383.D

Acq: 20 May 2015 17:34

Instrument :

BNA\_F

ClientSampleId :

KM-SP-001-150518

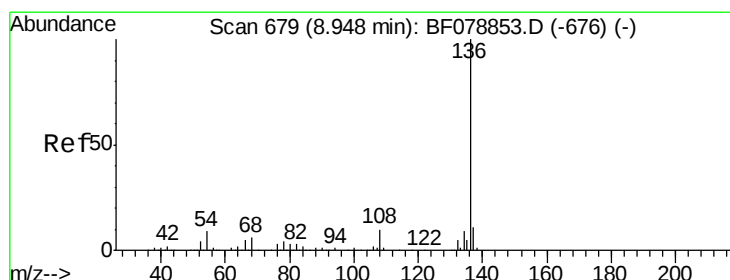
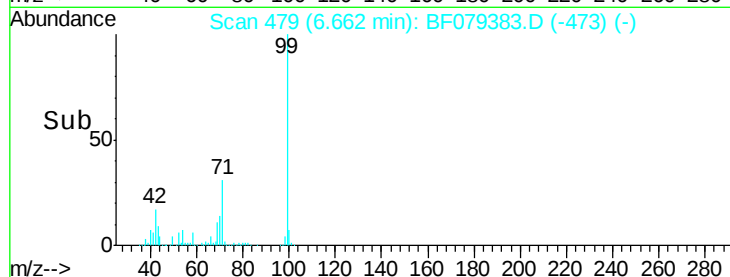
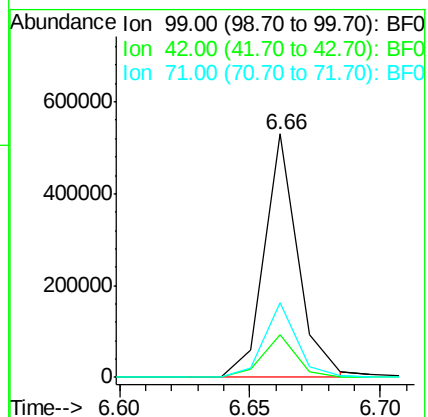
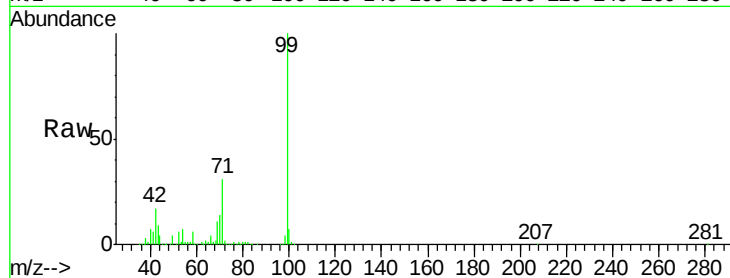
Tgt Ion: 99 Resp: 475606

Ion Ratio Lower Upper

99 100

42 17.3 17.1 25.7

71 30.7 26.3 39.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.66 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF079383.D

Acq: 20 May 2015 17:34

Tgt Ion: 136 Resp: 280867

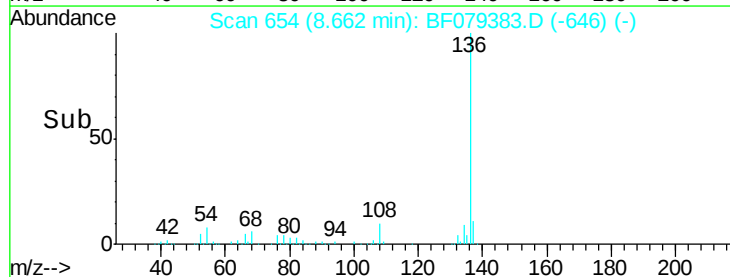
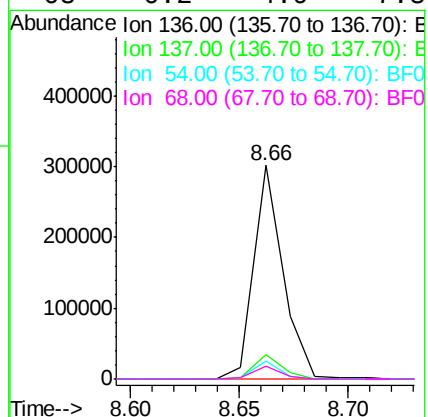
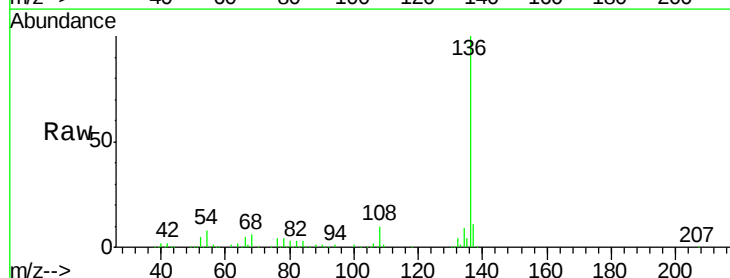
Ion Ratio Lower Upper

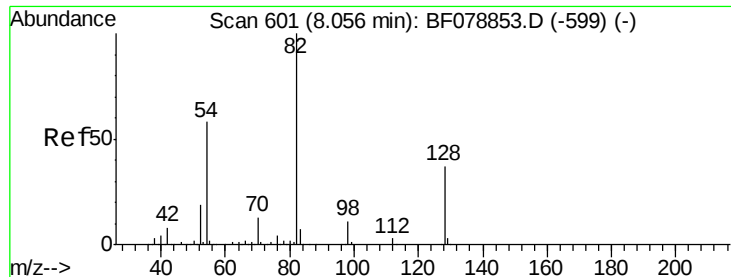
136 100

137 11.2 8.8 13.2

54 8.4 6.9 10.3

68 6.2 4.9 7.3

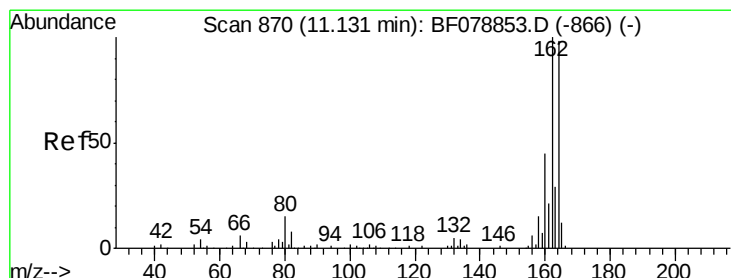
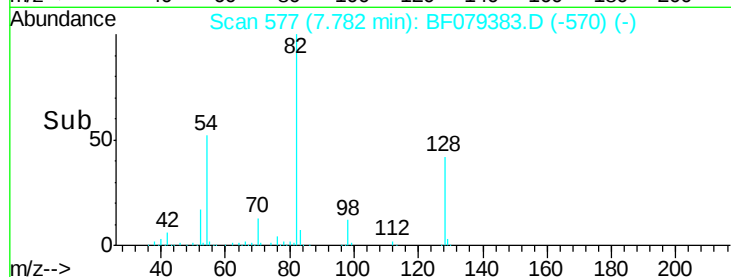
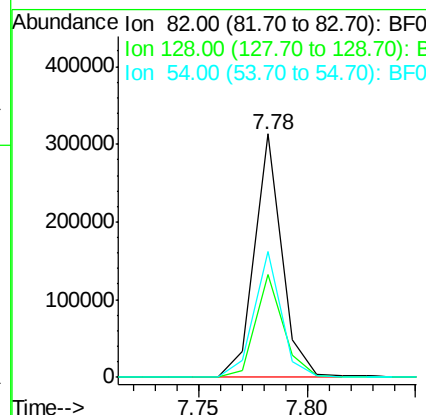
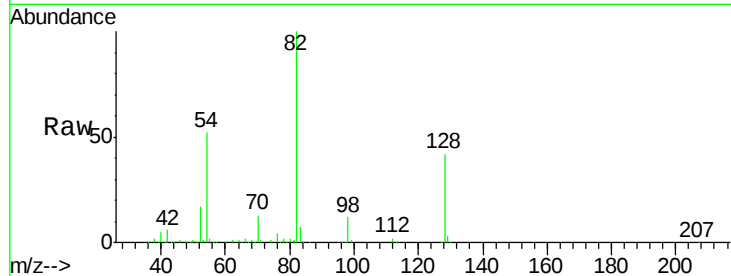




#23  
 Nitrobenzene-d5  
 Concen: 56.08 ng  
 RT: 7.78 min Scan# 577  
 Delta R.T. -0.00 min  
 Lab File: BF079383.D  
 Acq: 20 May 2015 17:34

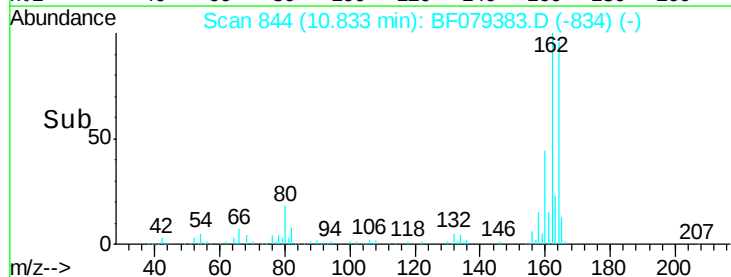
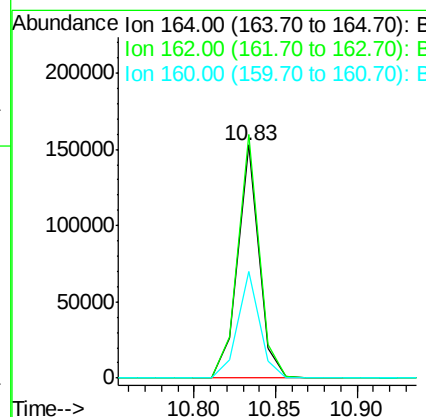
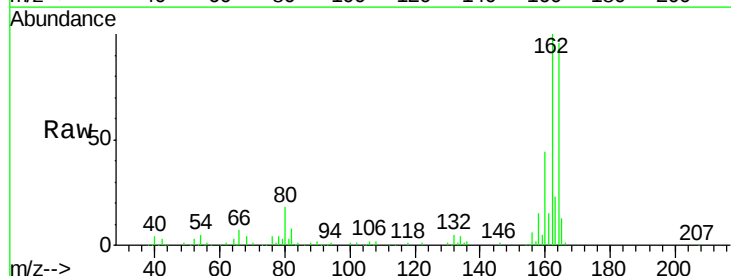
Instrument :  
 BNA\_F  
 ClientSampleId :  
 KM-SP-001-150518

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.2  | 29.7  | 44.5  |
| 54      | 51.8  | 46.2  | 69.4  |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.83 min Scan# 844  
 Delta R.T. -0.00 min  
 Lab File: BF079383.D  
 Acq: 20 May 2015 17:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.6 | 81.4  | 122.0 |
| 160     | 45.9  | 36.6  | 54.8  |

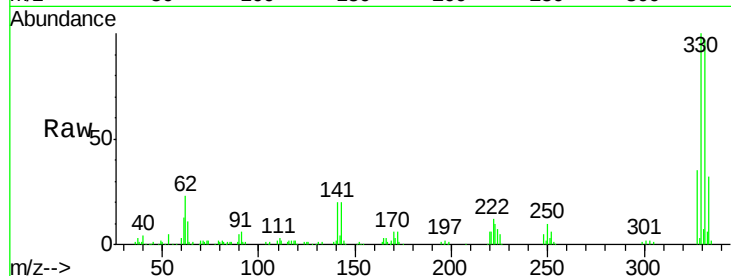




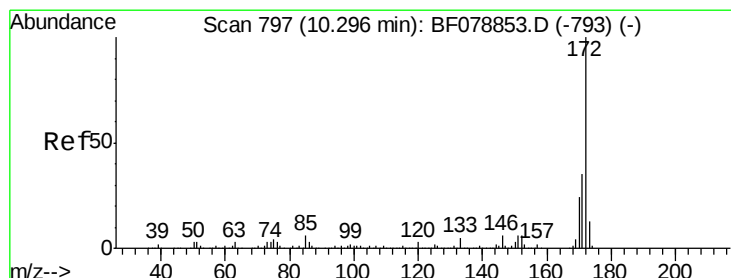
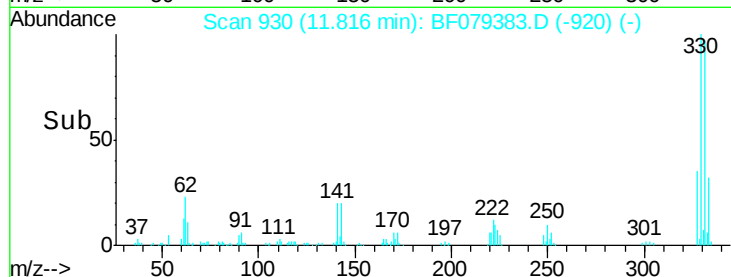
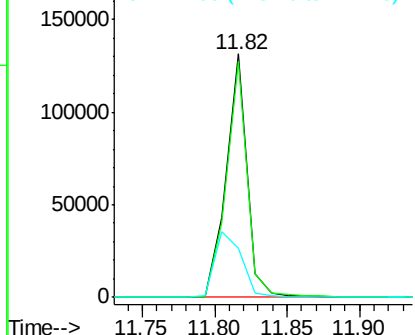
#41  
 2,4,6-Tribromophenol  
 Concen: 89.31 ng  
 RT: 11.82 min Scan# 930  
 Delta R.T. -0.00 min  
 Lab File: BF079383.D  
 Acq: 20 May 2015 17:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KM-SP-001-150518

Tgt Ion:330 Resp: 132255  
 Ion Ratio Lower Upper  
 330 100  
 332 96.6 76.9 115.3  
 141 34.3 27.8 41.8

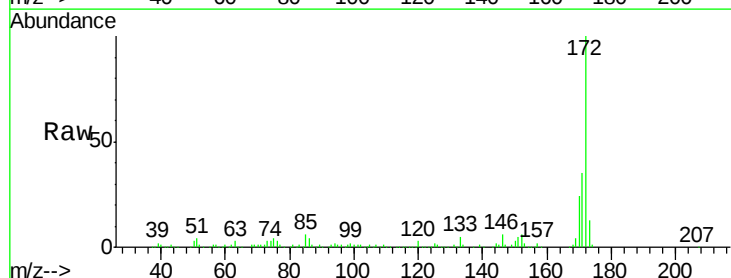


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

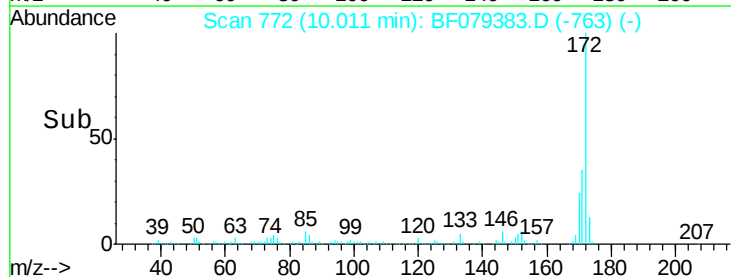
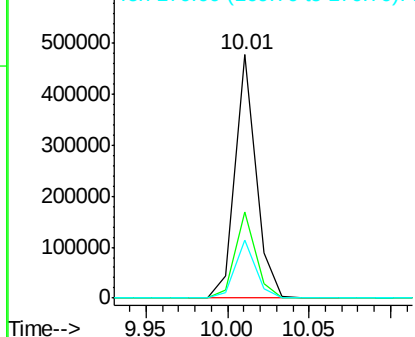


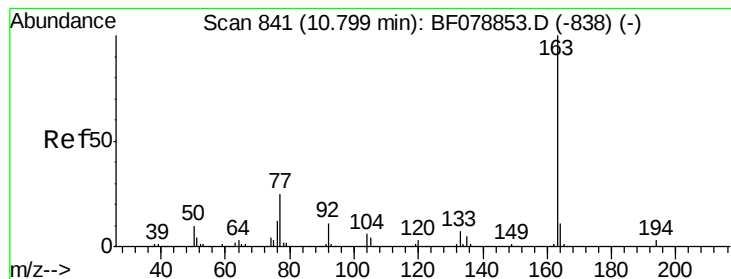
#44  
 2-Fluorobiphenyl  
 Concen: 42.93 ng  
 RT: 10.01 min Scan# 772  
 Delta R.T. -0.00 min  
 Lab File: BF079383.D  
 Acq: 20 May 2015 17:34

Tgt Ion:172 Resp: 421845  
 Ion Ratio Lower Upper  
 172 100  
 171 35.3 28.3 42.5  
 170 24.0 19.4 29.2



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: 7.15 ng

RT: 10.52 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF079383.D

Acq: 20 May 2015 17:34

Instrument :

BNA\_F

ClientSampleId :

KM-SP-001-150518

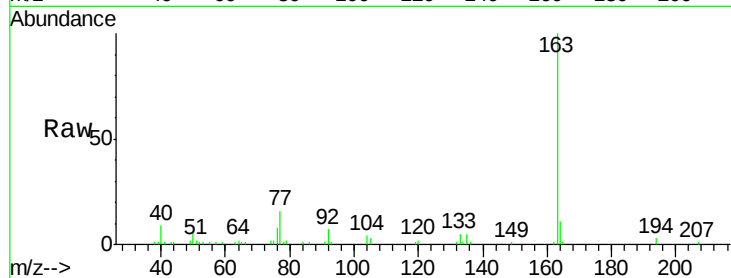
Tgt Ion:163 Resp: 71788

Ion Ratio Lower Upper

163 100

194 3.1 2.4 3.6

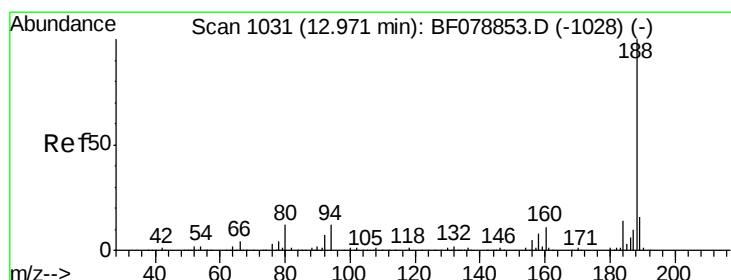
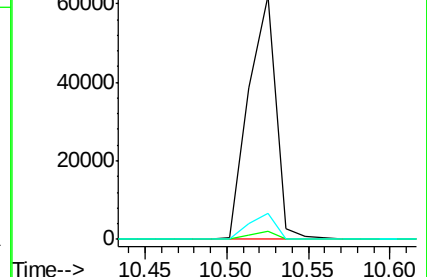
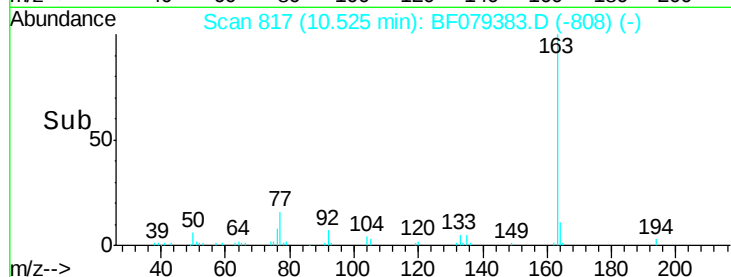
164 10.5 8.6 12.8



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: 12.67 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF079383.D

Acq: 20 May 2015 17:34

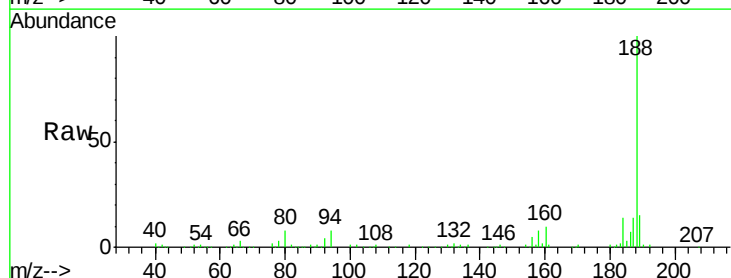
Tgt Ion:188 Resp: 262952

Ion Ratio Lower Upper

188 100

94 8.5 9.4 14.0#

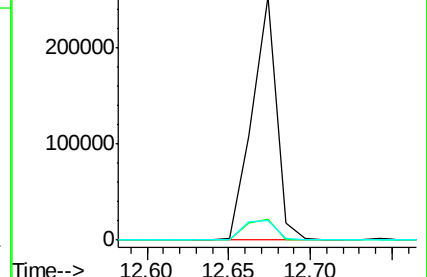
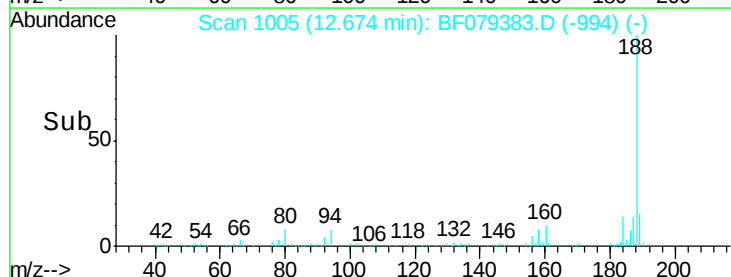
80 8.2 9.8 14.6#

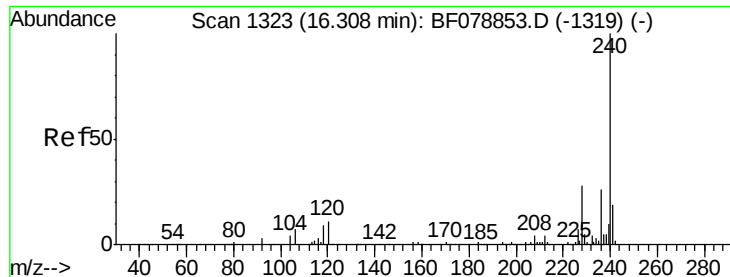


Abundance Ion 188.00 (187.70 to 188.70): E

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# 1293

Delta R.T. -0.01 min

Lab File: BF079383.D

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ClientSampleId :

KM-SP-001-150518

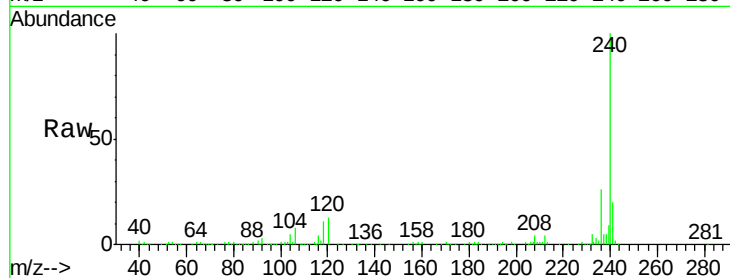
Tgt Ion:240 Resp: 271281

Ion Ratio Lower Upper

240 100

120 13.4 8.6 12.8#

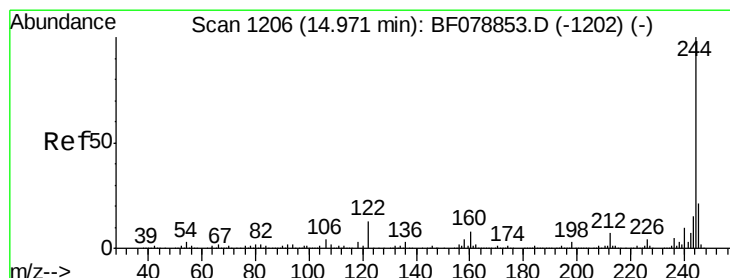
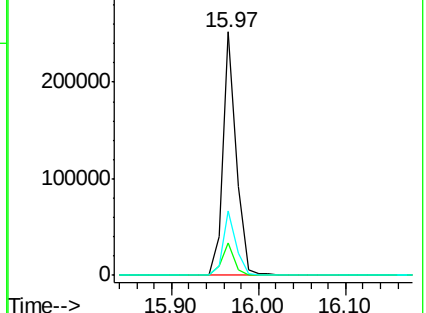
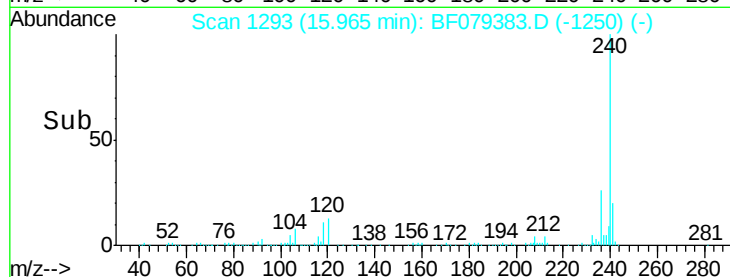
236 26.4 21.0 31.6



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: 46.90 ng

RT: 14.66 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF079383.D

Acq: 20 May 2015 17:34

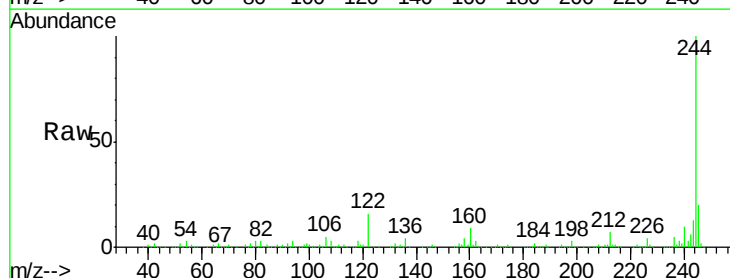
Tgt Ion:244 Resp: 531368

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

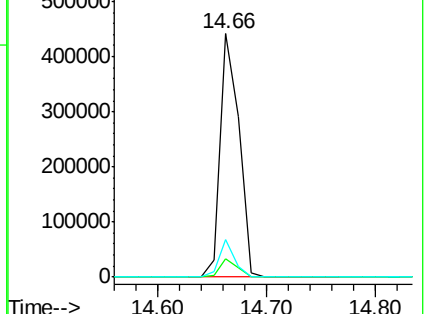
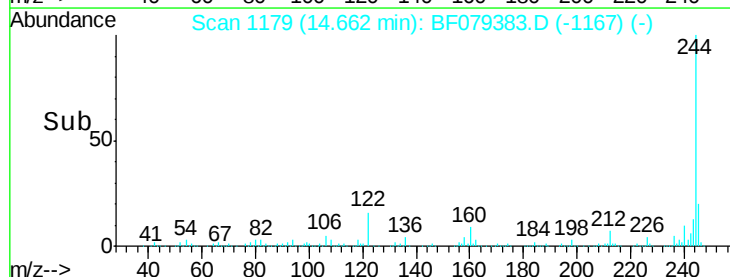
122 15.5 10.5 15.7

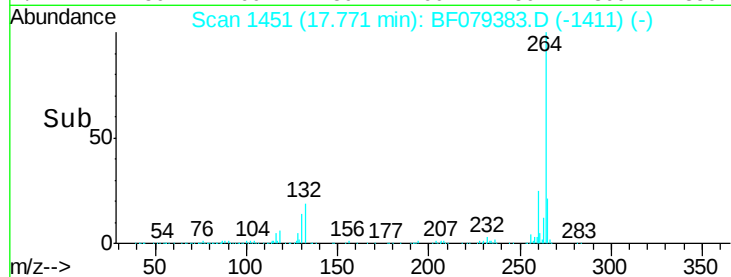
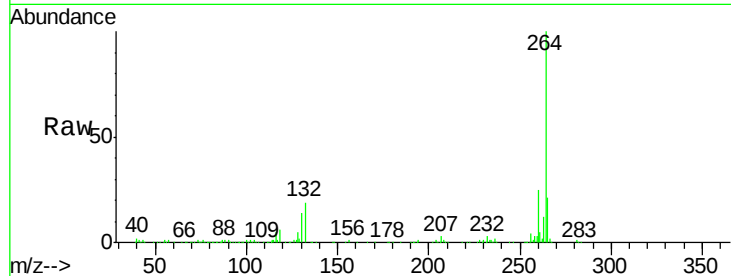
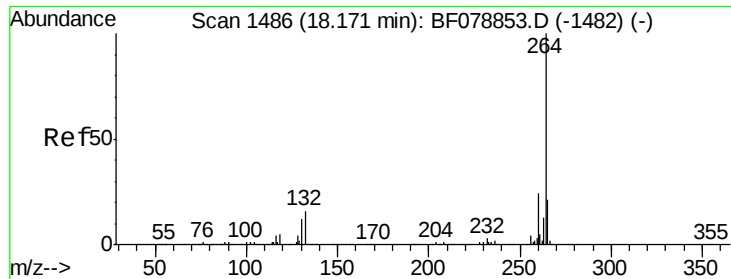


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.77 min Scan# 1451

Delta R.T. -0.05 min

Lab File: BF079383.D

Acq: 20 May 2015 17:34

Instrument :

BNA\_F

ClientSampleId :

KM-SP-001-150518

Tgt Ion: 264 Resp: 277682

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.3 17.2 25.8

