

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF082515\  
 Data File : BF081202.D  
 Acq On : 25 Aug 2015 16:57  
 Operator : UM/IZ  
 Sample : G3407-06  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P003-BF003-01

Quant Time: Aug 26 00:29:25 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF081715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 24 13:58:19 2015  
 Response via : Initial Calibration

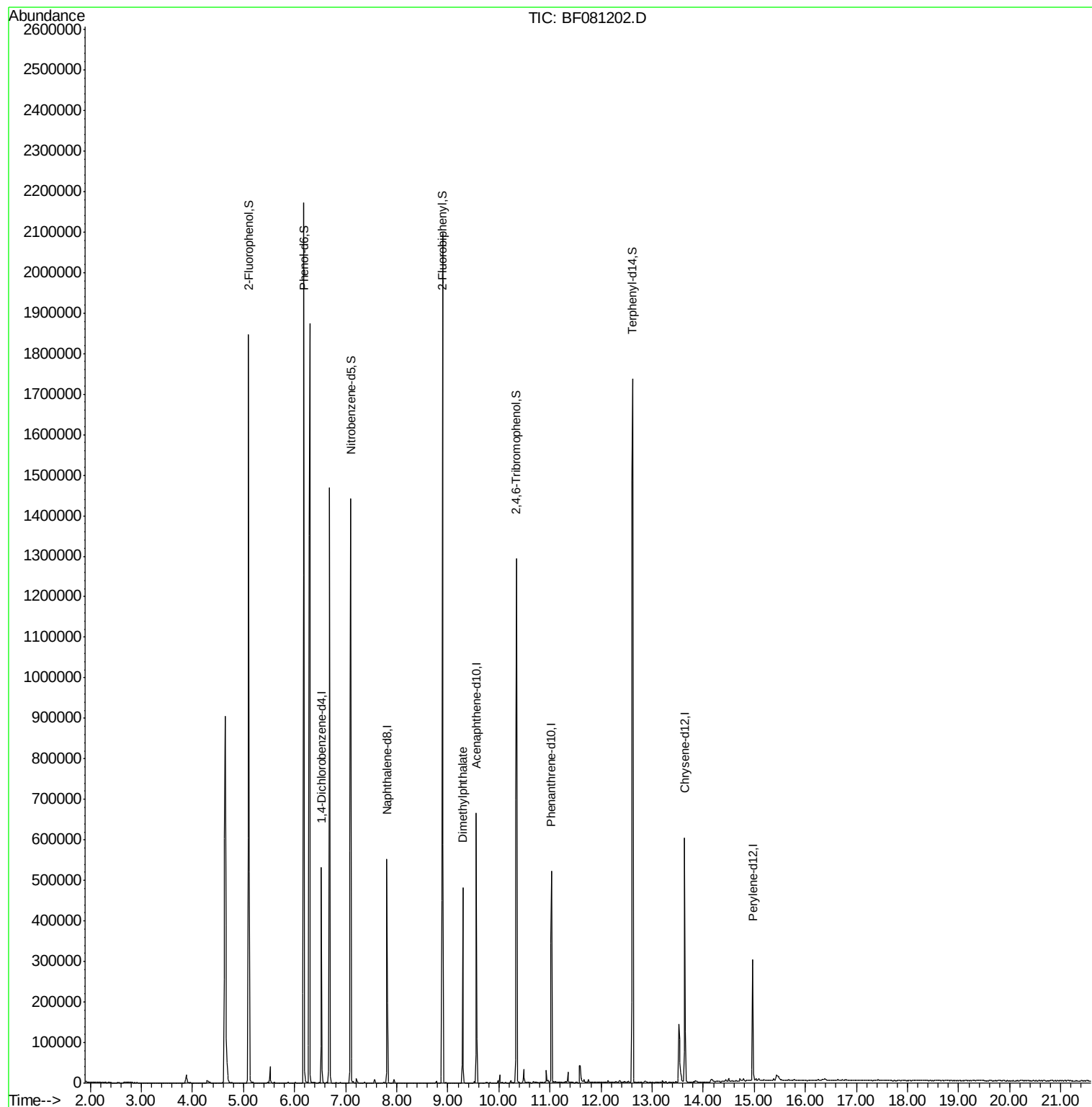
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.53  | 152  | 70212    | 20.00  | ng    | -0.01        |
| 21) Naphthalene-d8          | 7.81  | 136  | 253055   | 20.00  | ng    | -0.02        |
| 38) Acenaphthene-d10        | 9.56  | 164  | 122641   | 20.00  | ng    | -0.02        |
| 63) Phenanthrene-d10        | 11.03 | 188  | 246163   | 20.00  | ng    | -0.01        |
| 75) Chrysene-d12            | 13.64 | 240  | 200594   | 20.00  | ng    | -0.02        |
| 86) Perylene-d12            | 14.97 | 264  | 160608   | 20.00  | ng    | -0.01        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.10  | 112  | 528264   | 113.17 | ng    | 0.00         |
| 7) Phenol-d6                | 6.18  | 99   | 842080   | 138.26 | ng    | -0.01        |
| 23) Nitrobenzene-d5         | 7.10  | 82   | 481150   | 86.86  | ng    | -0.02        |
| 41) 2,4,6-Tribromophenol    | 10.34 | 330  | 134118   | 126.16 | ng    | -0.01        |
| 44) 2-Fluorobiphenyl        | 8.89  | 172  | 711651   | 76.03  | ng    | -0.01        |
| 78) Terphenyl-d14           | 12.62 | 244  | 769539   | 82.24  | ng    | -0.01        |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 9.29  | 163  | 160674   | 15.91  | ng    | Qvalue<br>99 |

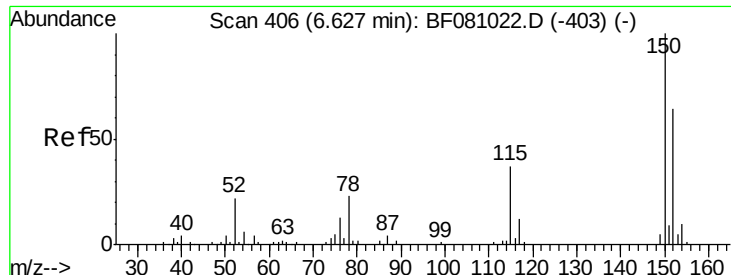
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 24 13:58:19 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.53 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF081202.D

Acq: 25 Aug 2015 16:57

Instrument :

BNA\_F

ClientSampleId :

P003-BF003-01

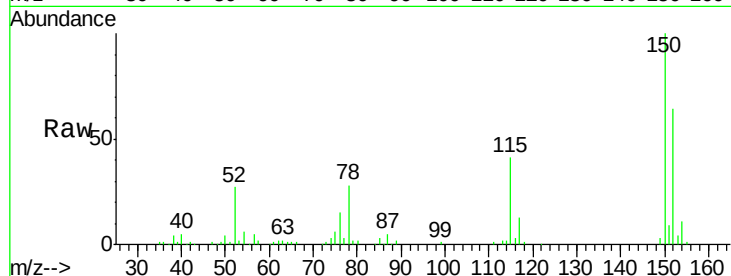
Tgt Ion:152 Resp: 70212

Ion Ratio Lower Upper

152 100

150 155.7 123.8 185.6

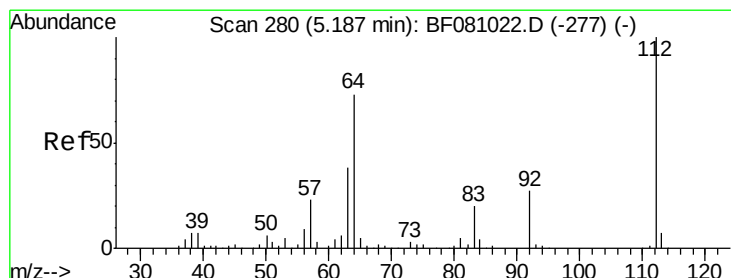
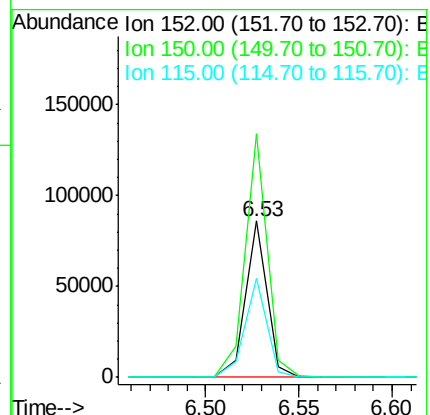
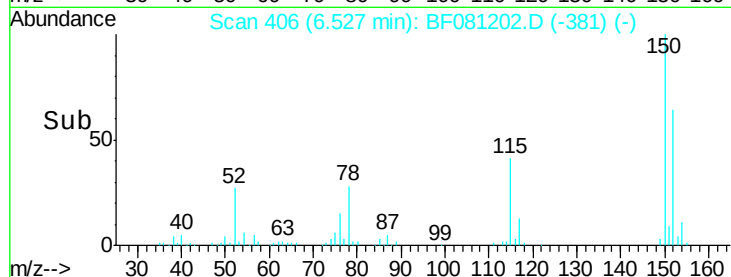
115 63.5 52.1 78.1



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: 113.17 ng

RT: 5.10 min Scan# 281

Delta R.T. 0.00 min

Lab File: BF081202.D

Acq: 25 Aug 2015 16:57

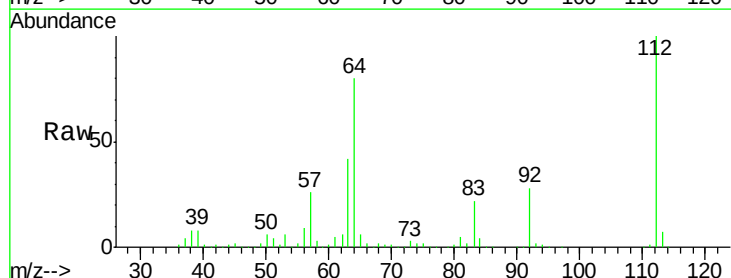
Tgt Ion:112 Resp: 528264

Ion Ratio Lower Upper

112 100

64 79.6 66.9 100.3

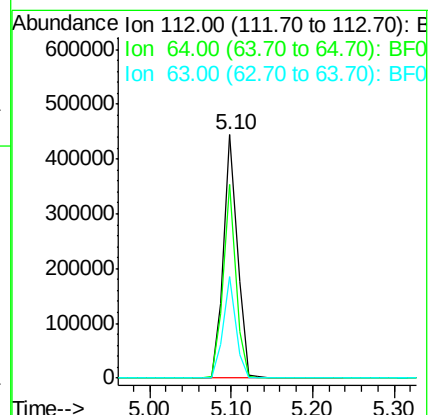
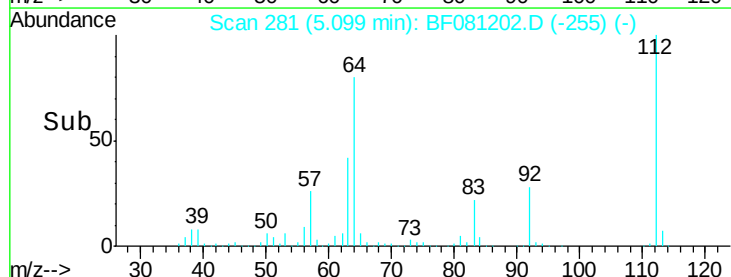
63 41.6 38.1 57.1

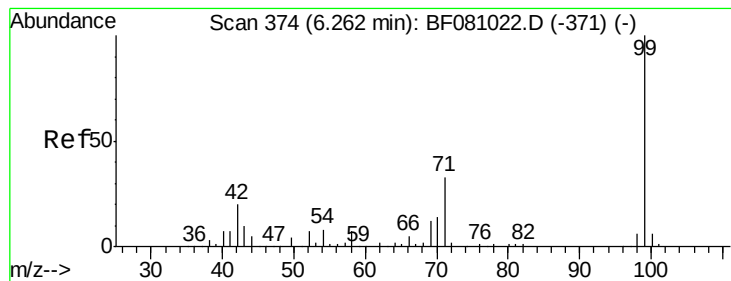


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.26 ng

RT: 6.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF081202.D

Acq: 25 Aug 2015 16:57

Instrument :

BNA\_F

ClientSampleId :

P003-BF003-01

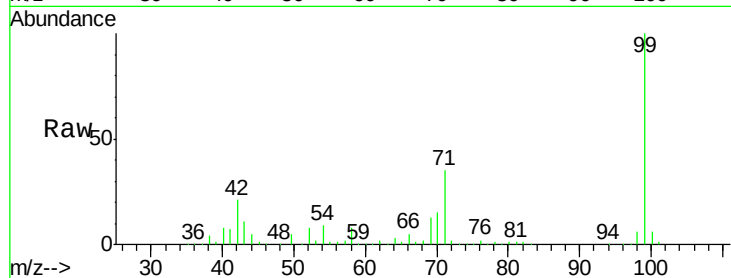
Tgt Ion: 99 Resp: 842080

Ion Ratio Lower Upper

99 100

42 21.2 19.6 29.4

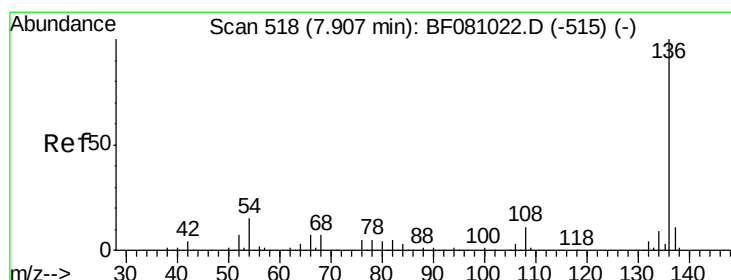
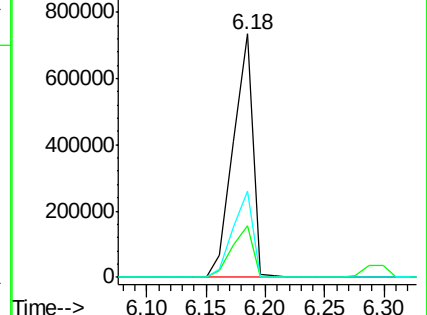
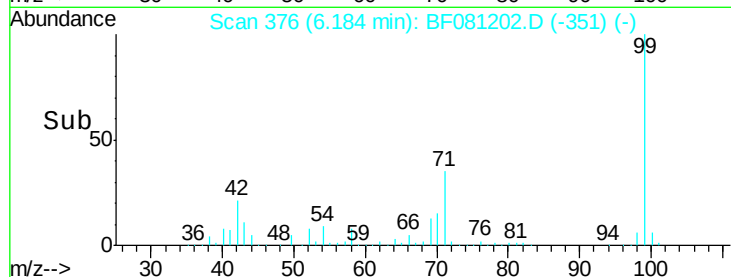
71 35.5 31.2 46.8



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: 7.81 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF081202.D

Acq: 25 Aug 2015 16:57

Tgt Ion: 136 Resp: 253055

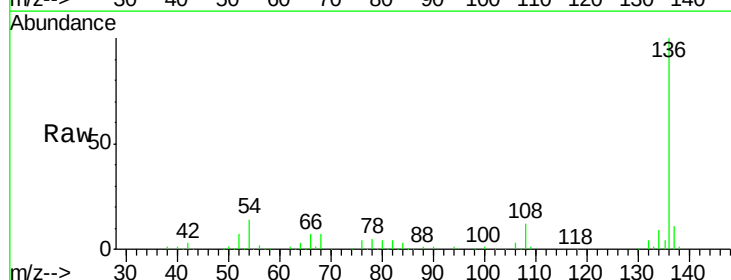
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.2

54 13.9 7.7 11.5#

68 7.0 3.4 5.2#

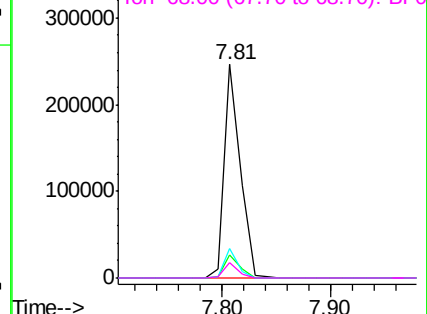
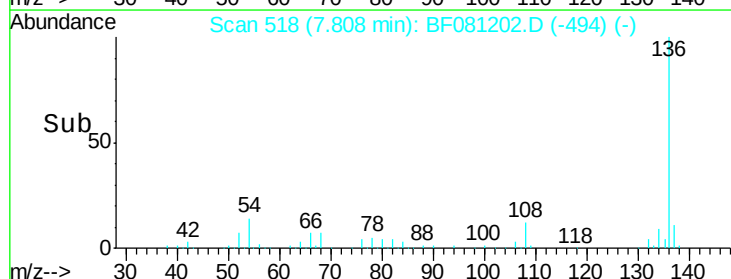


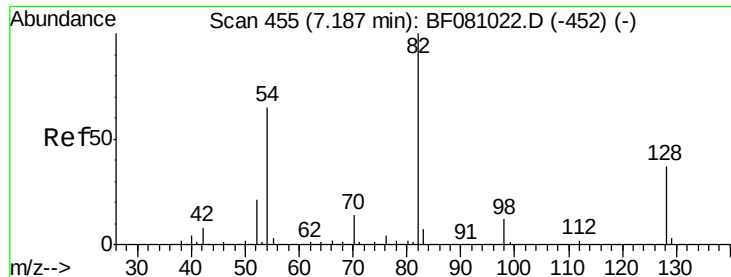
Abundance Ion 136.00 (135.70 to 136.70): E

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

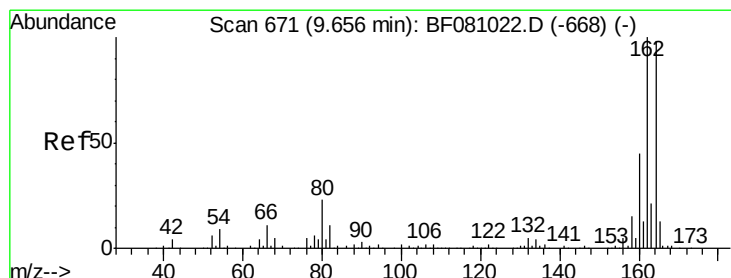
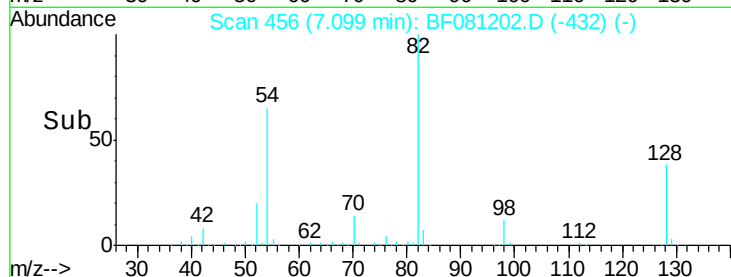
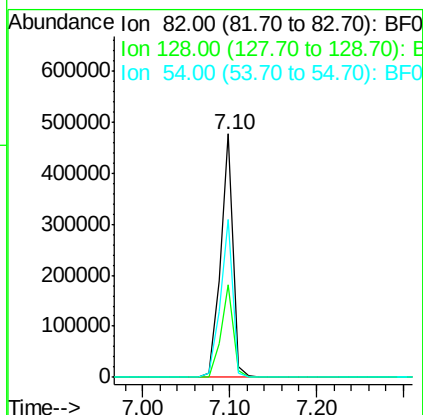
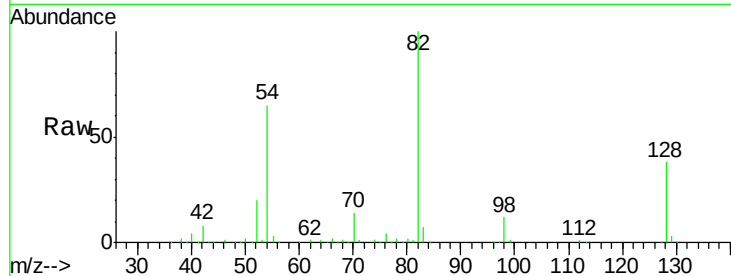




#23  
 Nitrobenzene-d5  
 Concen: 86.86 ng  
 RT: 7.10 min Scan# 456  
 Delta R.T. -0.02 min  
 Lab File: BF081202.D  
 Acq: 25 Aug 2015 16:57

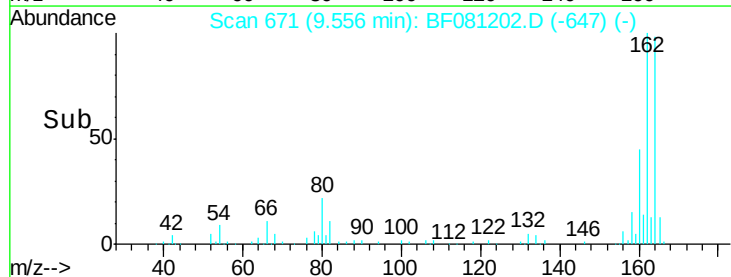
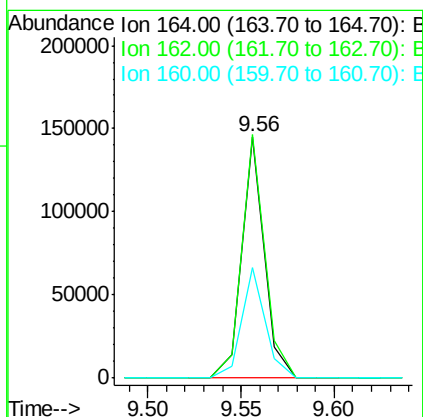
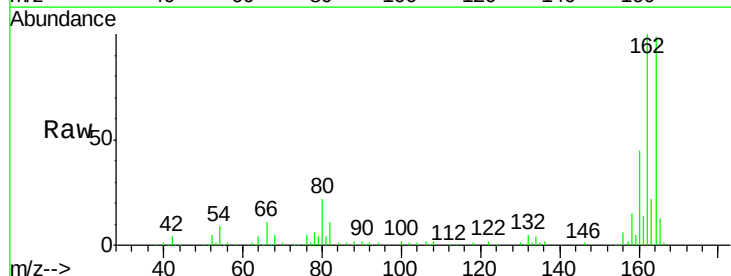
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P003-BF003-01

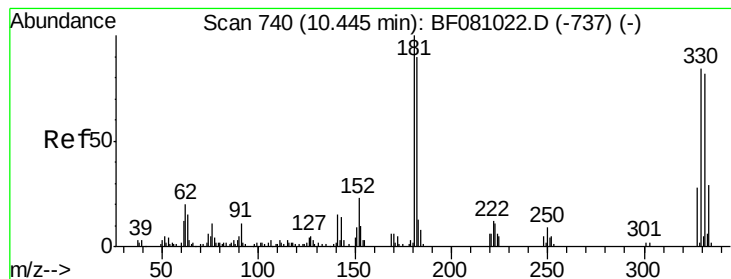
Tgt Ion: 82 Resp: 481150  
 Ion Ratio Lower Upper  
 82 100  
 128 38.1 28.6 42.8  
 54 65.0 55.1 82.7



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.56 min Scan# 671  
 Delta R.T. -0.02 min  
 Lab File: BF081202.D  
 Acq: 25 Aug 2015 16:57

Tgt Ion: 164 Resp: 122641  
 Ion Ratio Lower Upper  
 164 100  
 162 101.0 83.8 125.8  
 160 45.9 39.8 59.8





#41

2,4,6-Tribromophenol

Concen: 126.16 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF081202.D

Acq: 25 Aug 2015 16:57

Instrument :

BNA\_F

ClientSampleId :

P003-BF003-01

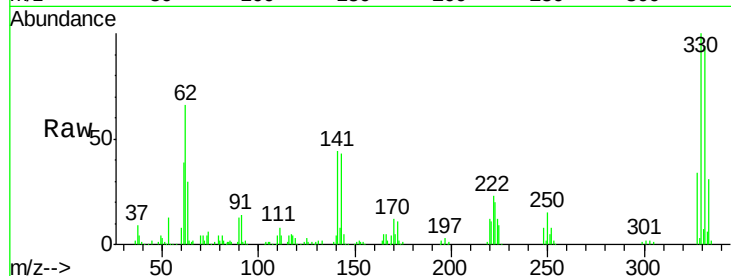
Tgt Ion:330 Resp: 134118

Ion Ratio Lower Upper

330 100

332 94.2 77.3 115.9

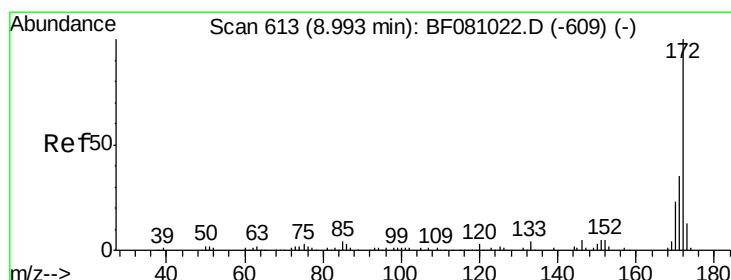
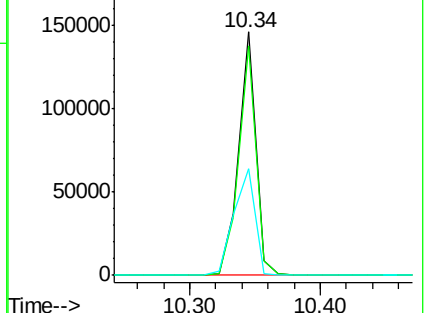
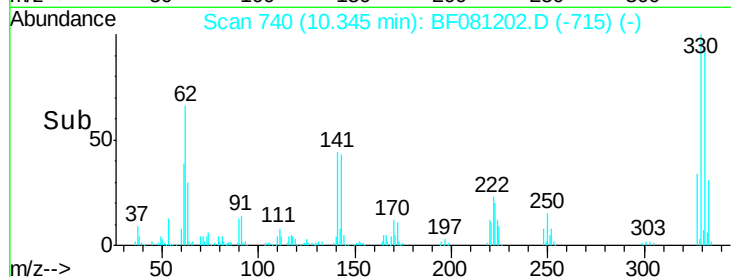
141 53.8 44.9 67.3



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: 76.03 ng

RT: 8.89 min Scan# 613

Delta R.T. -0.01 min

Lab File: BF081202.D

Acq: 25 Aug 2015 16:57

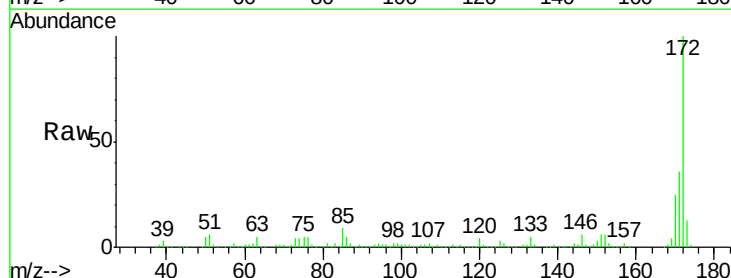
Tgt Ion:172 Resp: 711651

Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

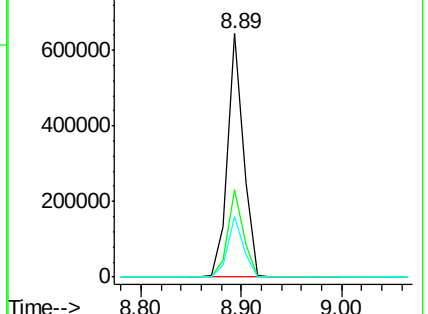
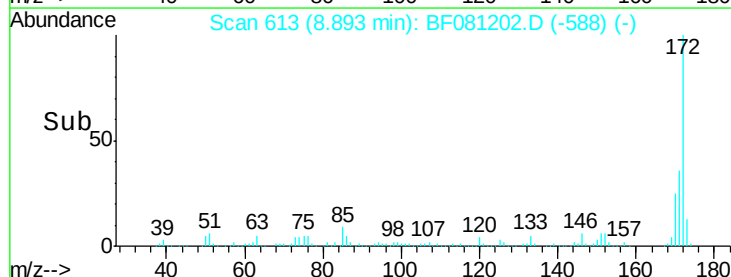
170 24.7 19.4 29.2

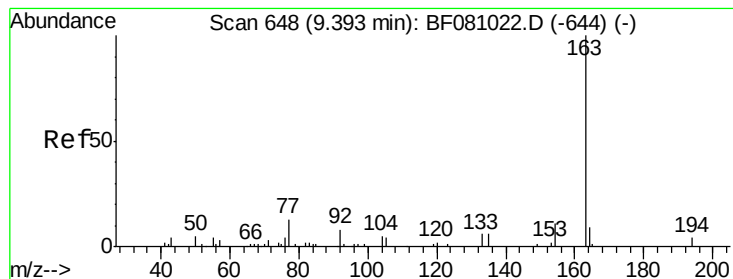


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 15.91 ng

RT: 9.29 min Scan# 648

Delta R.T. -0.02 min

Lab File: BF081202.D

Acq: 25 Aug 2015 16:57

Instrument :

BNA\_F

ClientSampleId :

P003-BF003-01

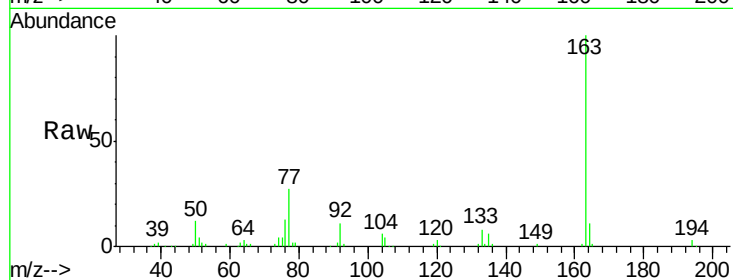
Tgt Ion:163 Resp: 160674

Ion Ratio Lower Upper

163 100

194 3.2 2.5 3.7

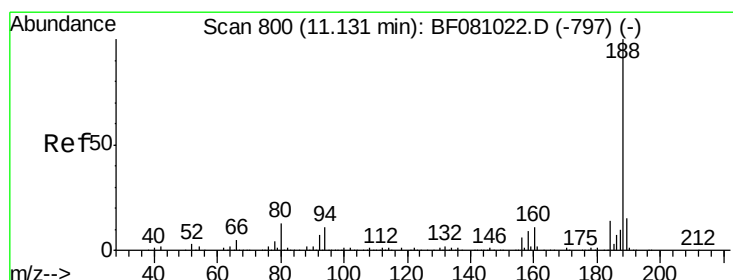
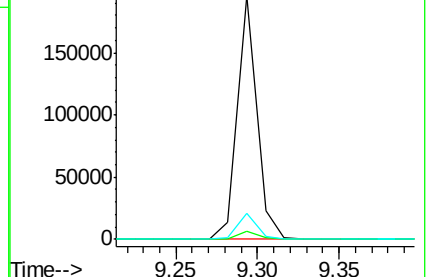
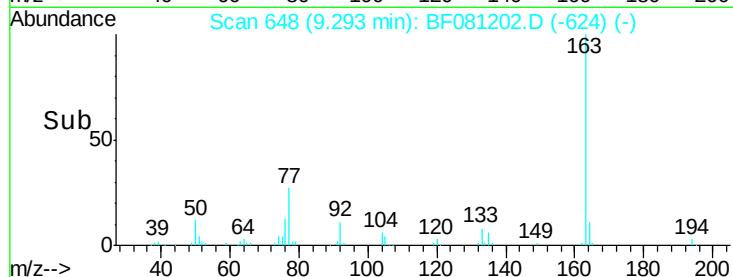
164 10.6 8.1 12.1



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: 11.03 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF081202.D

Acq: 25 Aug 2015 16:57

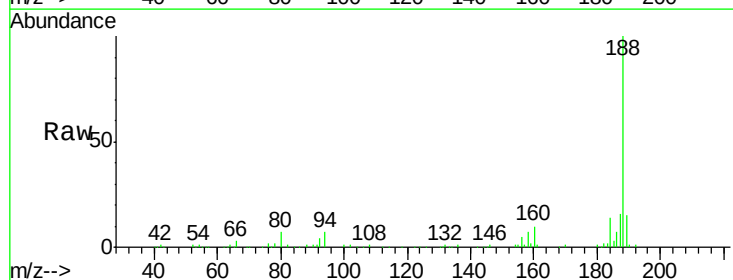
Tgt Ion:188 Resp: 246163

Ion Ratio Lower Upper

188 100

94 7.0 8.2 12.2#

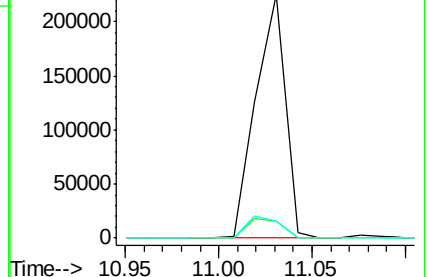
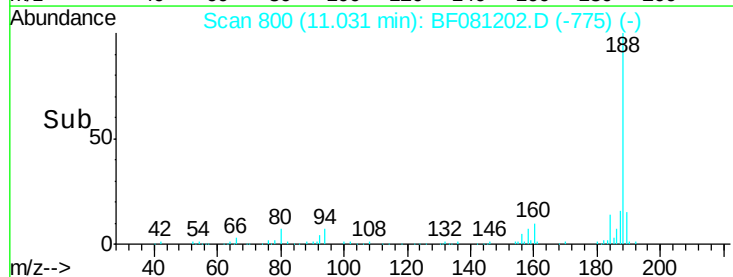
80 6.9 9.5 14.3#

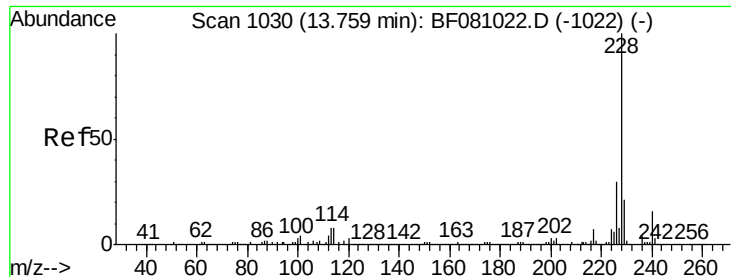


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

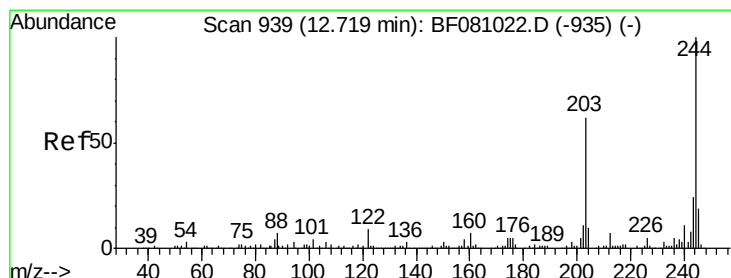
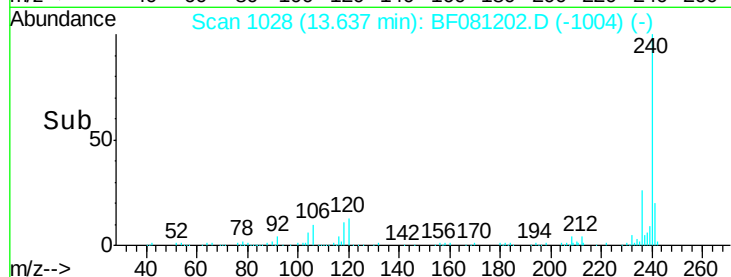
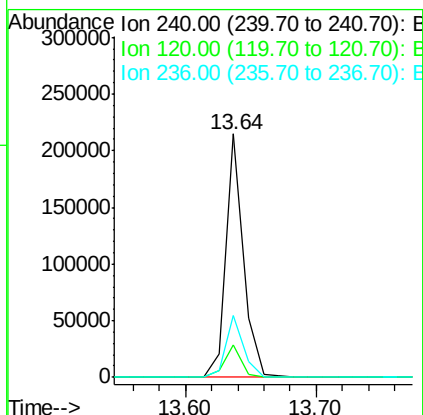
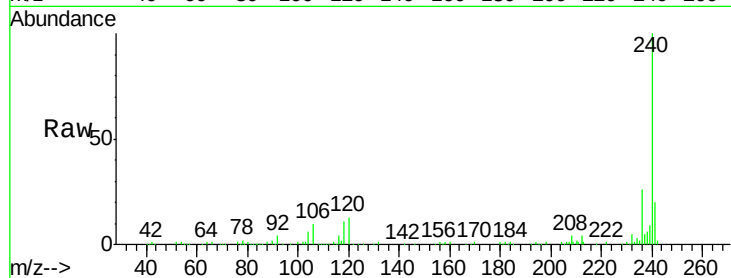




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 13.64 min Scan# 1028  
 Delta R.T. -0.02 min  
 Lab File: BF081202.D  
 Acq: 25 Aug 2015 16:57

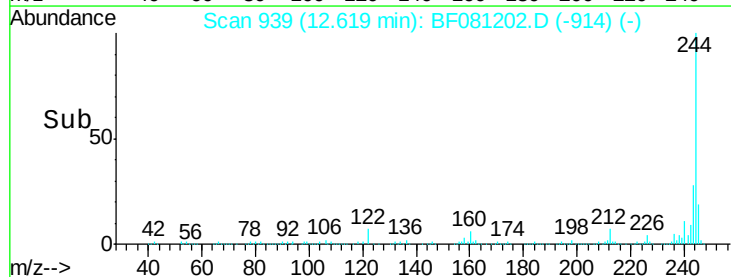
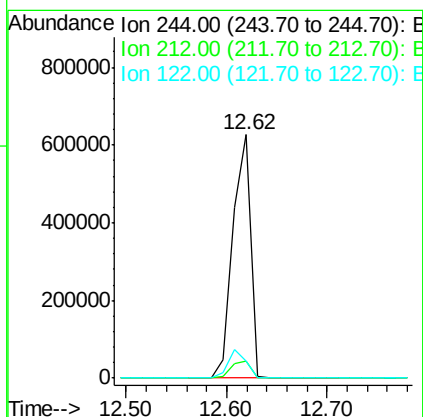
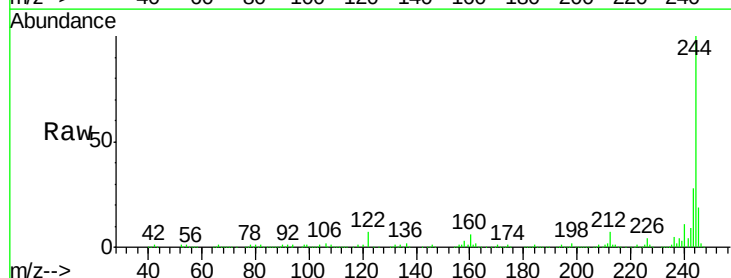
Instrument :  
 BNA\_F  
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 P003-BF003-01

Tgt Ion:240 Resp: 200594  
 Ion Ratio Lower Upper  
 240 100  
 120 13.3 5.6 8.4#  
 236 25.6 20.6 30.8

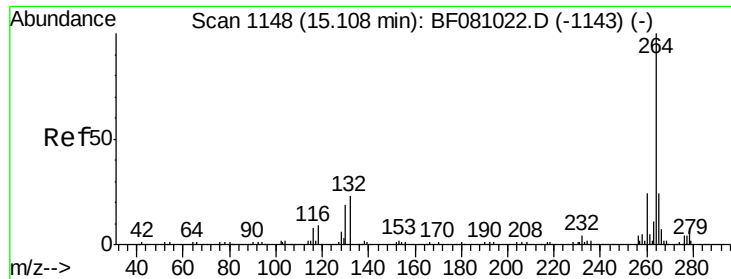


#78  
 Terphenyl-d14  
 Concen: 82.24 ng  
 RT: 12.62 min Scan# 939  
 Delta R.T. -0.01 min  
 Lab File: BF081202.D  
 Acq: 25 Aug 2015 16:57

Tgt Ion:244 Resp: 769539  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.8 8.8  
 122 7.1 8.2 12.4#







#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 14.97 min Scan# 1145  
Delta R.T. -0.01 min  
Lab File: BF081202.D  
Acq: 25 Aug 2015 16:57

Instrument :  
BNA\_F  
ClientSampleId :  
P003-BF003-01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 160608 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 23.6  | 19.6  | 29.4   |
| 265      | 20.7  | 17.5  | 26.3   |

