

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\  
 Data File : BF084796.D  
 Acq On : 3 Feb 2016 20:38  
 Operator : SJ/IZ  
 Sample : H1331-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BOTTOM-NORTH-END(14)

Quant Time: Feb 04 03:50:42 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 03 14:16:01 2016  
 Response via : Initial Calibration

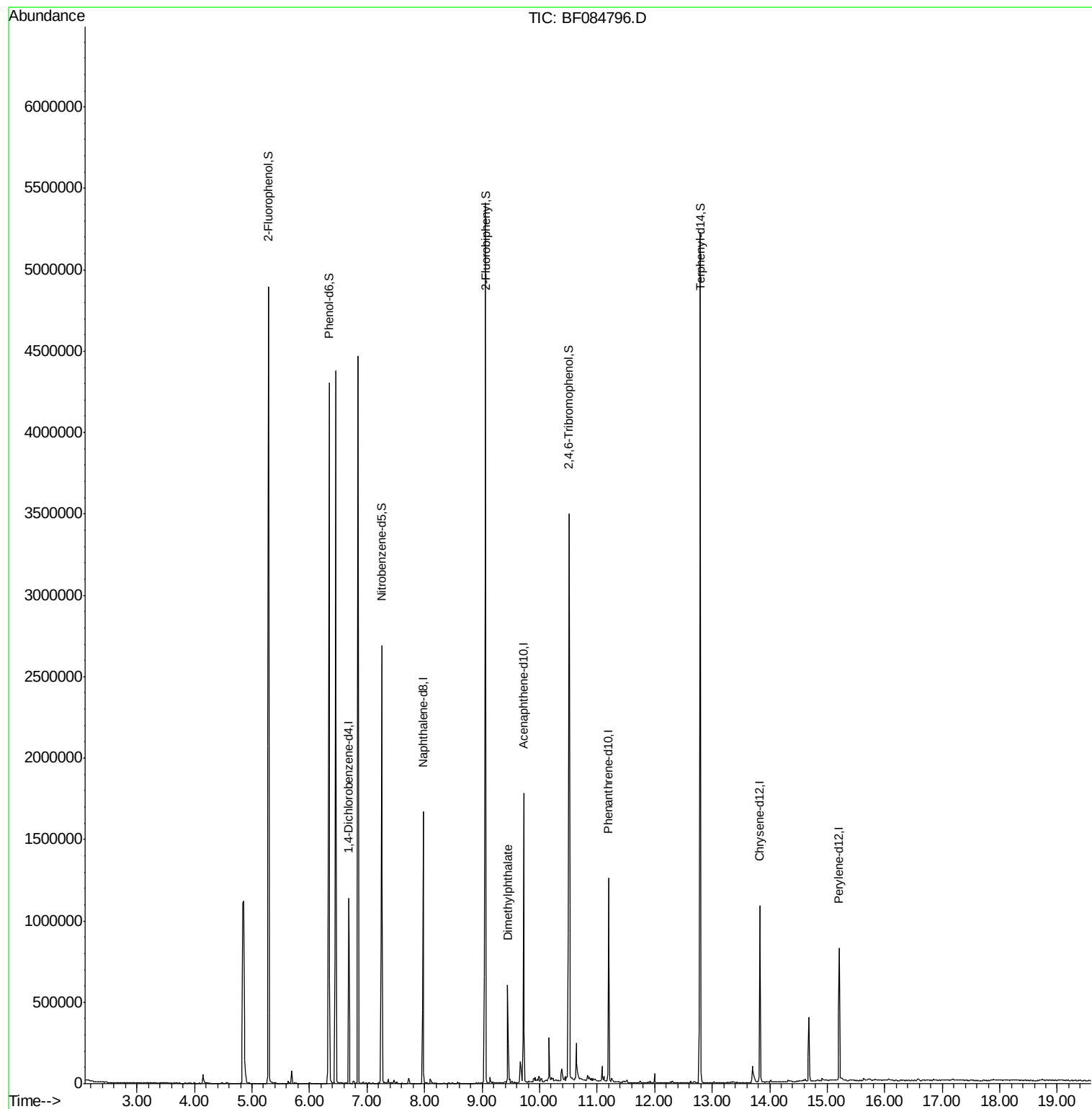
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.68  | 152  | 167362   | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 7.97  | 136  | 752624   | 20.00  | ng    | 0.00           |
| 38) Acenaphthene-d10        | 9.72  | 164  | 339056   | 20.00  | ng    | -0.01          |
| 63) Phenanthrene-d10        | 11.20 | 188  | 600961   | 20.00  | ng    | -0.01          |
| 75) Chrysene-d12            | 13.83 | 240  | 522413   | 20.00  | ng    | -0.01          |
| 86) Perylene-d12            | 15.21 | 264  | 365874   | 20.00  | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.29  | 112  | 1416697  | 131.85 | ng    | 0.01           |
| 7) Phenol-d6                | 6.34  | 99   | 1658671  | 124.52 | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 7.25  | 82   | 1113739  | 83.36  | ng    | -0.01          |
| 41) 2,4,6-Tribromophenol    | 10.51 | 330  | 491769   | 139.05 | ng    | -0.01          |
| 44) 2-Fluorobiphenyl        | 9.06  | 172  | 2121694  | 124.89 | ng    | 0.00           |
| 78) Terphenyl-d14           | 12.80 | 244  | 1994328  | 86.51  | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 9.45  | 163  | 253211   | 9.81   | ng    | Qvalue<br># 90 |

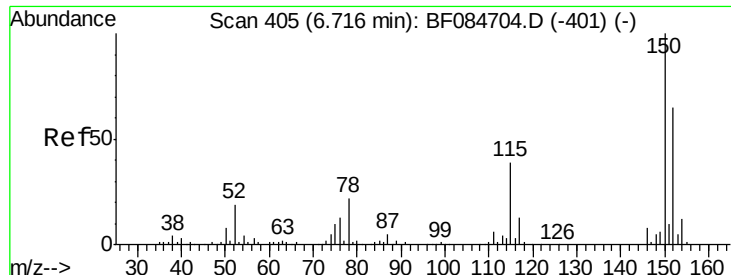
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF084796.D

Acq: 3 Feb 2016 20:38

Instrument :

BNA\_F

ClientSampleId :

BOTTOM-NORTH-END(14)

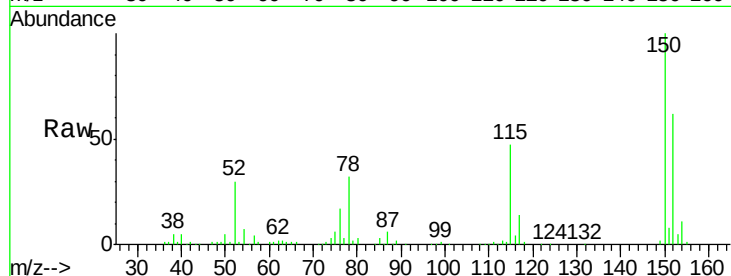
Tot Ion:152 Resp: 167362

Ion Ratio Lower Upper

152 100

150 161.2 123.0 184.4

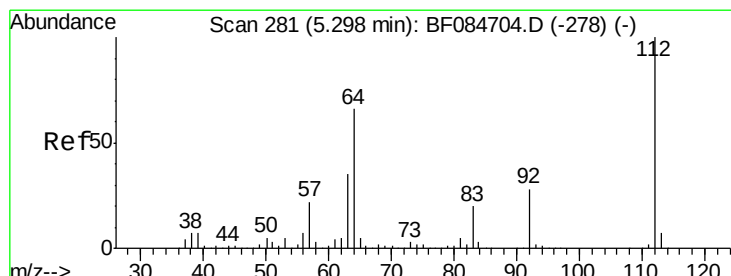
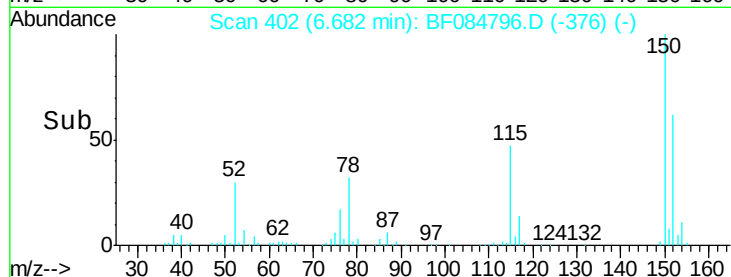
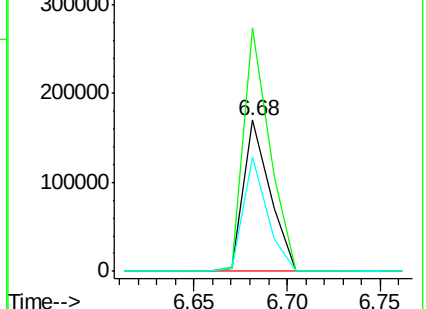
115 75.5 51.4 77.2



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: 131.85 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084796.D

Acq: 3 Feb 2016 20:38

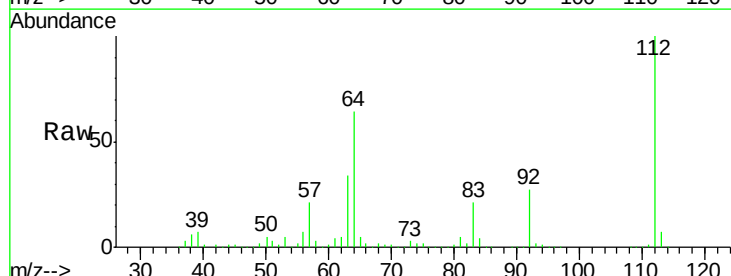
Tgt Ion:112 Resp: 1416697

Ion Ratio Lower Upper

112 100

64 64.2 36.6 55.0#

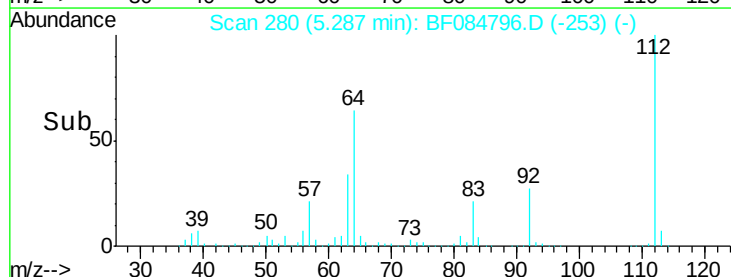
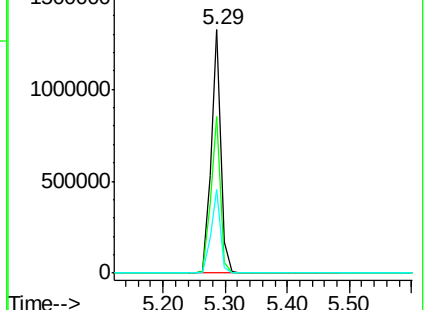
63 34.1 19.4 29.0#

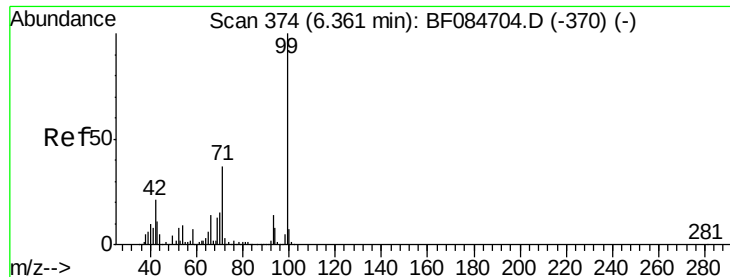


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.52 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF084796.D

Acq: 3 Feb 2016 20:38

Instrument :

BNA\_F

ClientSampleId :

BOTTOM-NORTH-END(14)

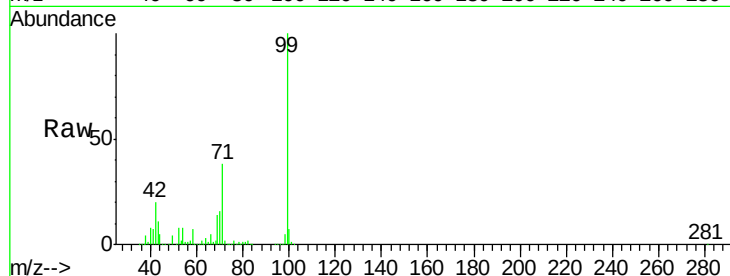
Tot Ion: 99 Resp: 1658671

Ion Ratio Lower Upper

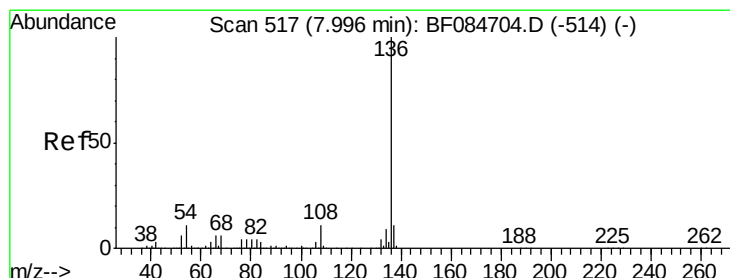
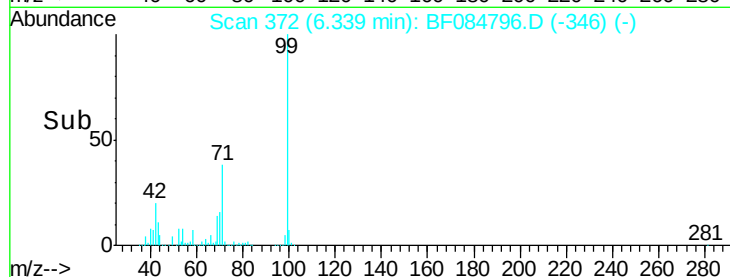
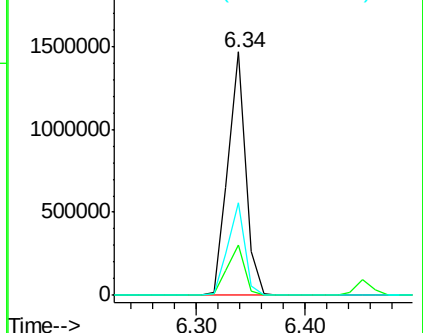
99 100

42 20.5 12.8 19.2#

71 38.0 30.9 46.3



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: 7.97 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF084796.D

Acq: 3 Feb 2016 20:38

Tgt Ion: 136 Resp: 752624

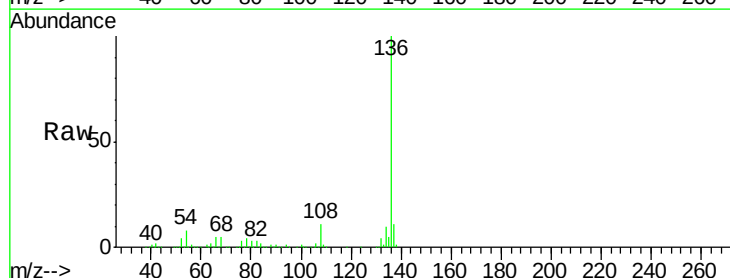
Ion Ratio Lower Upper

136 100

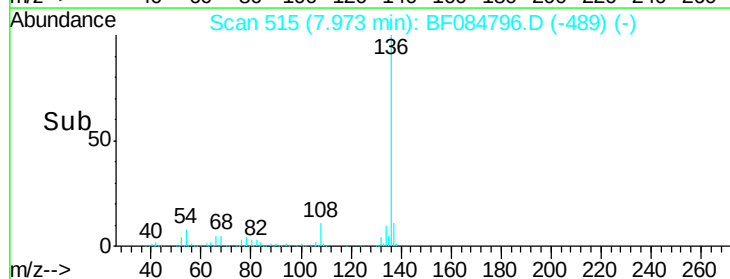
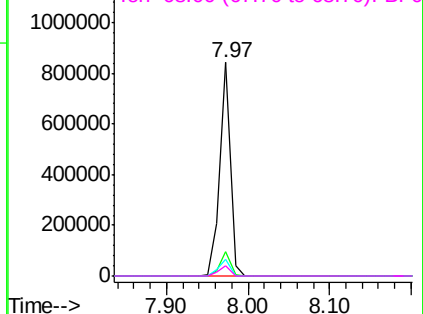
137 11.4 8.7 13.1

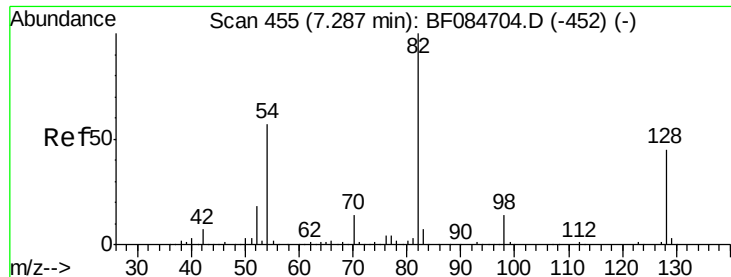
54 7.7 5.8 8.8

68 4.6 4.2 6.2



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

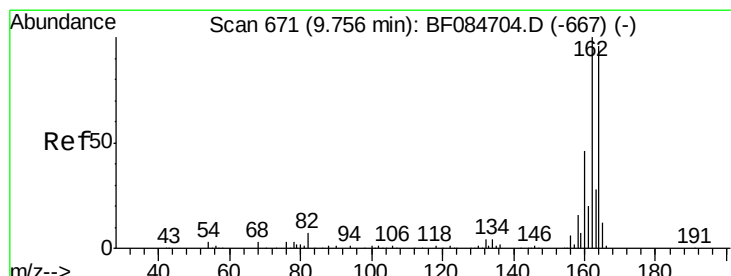
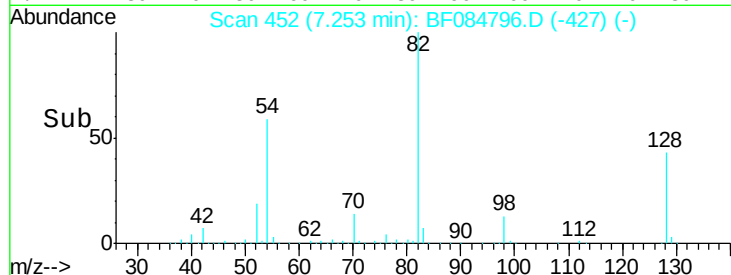
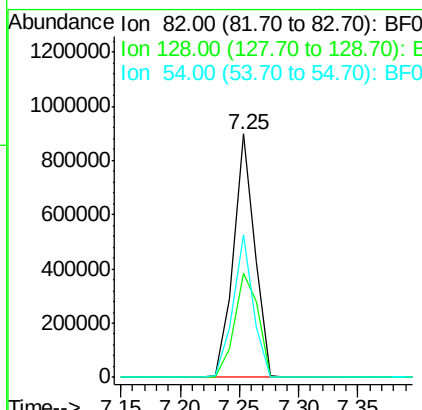
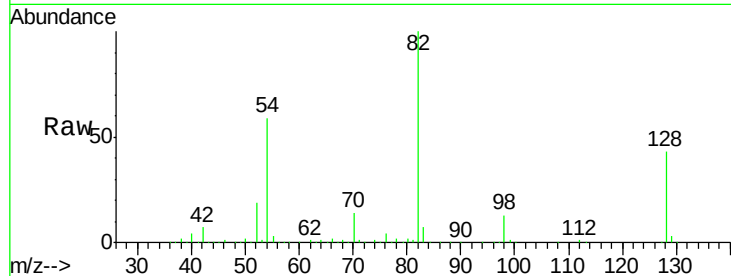




#23  
 Nitrobenzene-d5  
 Concen: 83.36 ng  
 RT: 7.25 min Scan# 452  
 Delta R.T. -0.01 min  
 Lab File: BF084796.D  
 Acq: 3 Feb 2016 20:38

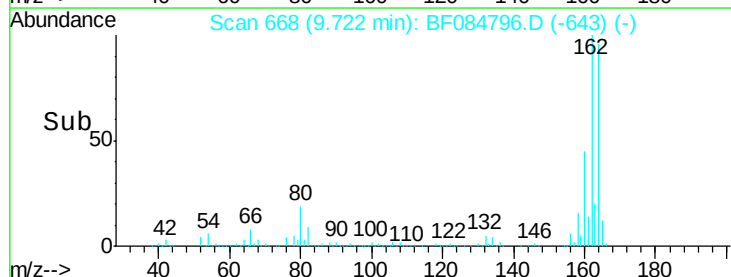
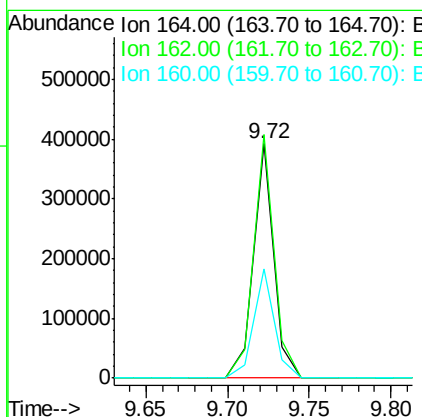
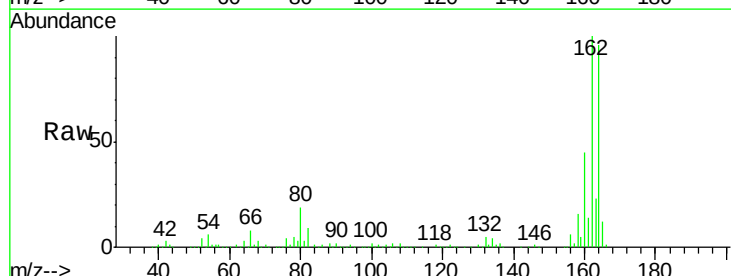
Instrument :  
 BNA\_F  
 ClientSampleId :  
 BOTTOM-NORTH-END(14)

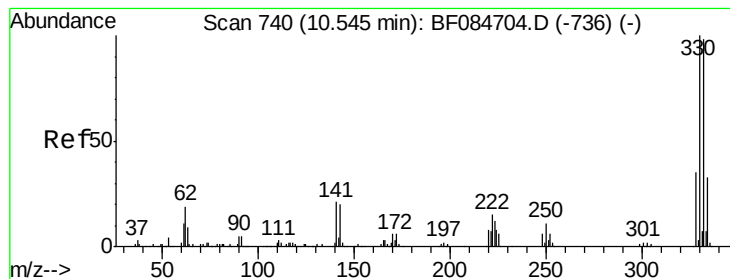
Tot Ion: 82 Resp: 1113739  
 Ion Ratio Lower Upper  
 82 100  
 128 42.6 34.6 51.8  
 54 58.5 38.4 57.6#



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.72 min Scan# 668  
 Delta R.T. -0.01 min  
 Lab File: BF084796.D  
 Acq: 3 Feb 2016 20:38

Tgt Ion:164 Resp: 339056  
 Ion Ratio Lower Upper  
 164 100  
 162 104.0 85.1 127.7  
 160 46.6 37.5 56.3





#41

2,4,6-Tribromophenol

Concen: 139.05 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF084796.D

Acq: 3 Feb 2016 20:38

Instrument :

BNA\_F

ClientSampleId :

BOTTOM-NORTH-END(14)

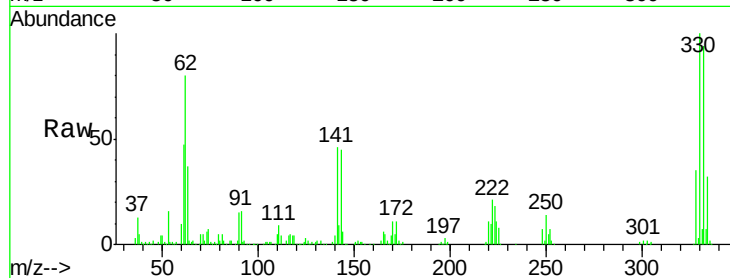
Tot Ion:330 Resp: 491769

Ion Ratio Lower Upper

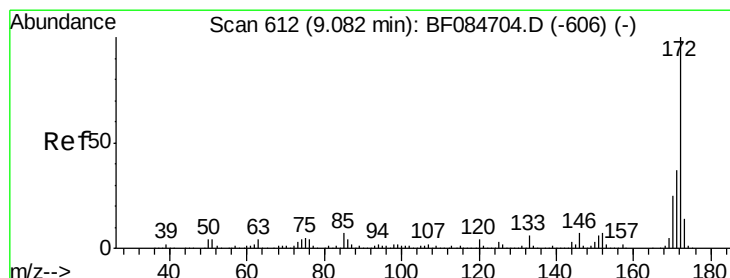
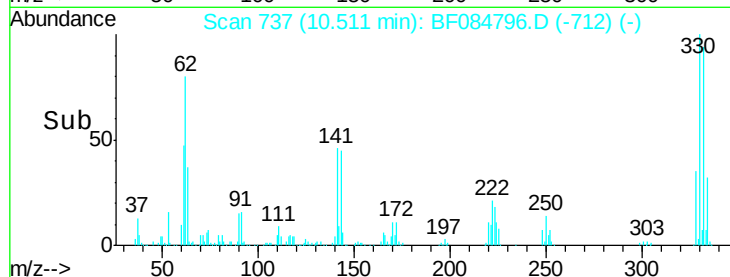
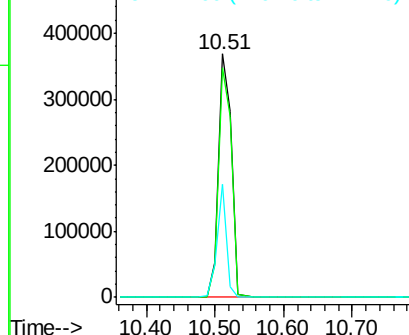
330 100

332 95.4 76.6 114.8

141 33.8 27.8 41.6



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: 124.89 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF084796.D

Acq: 3 Feb 2016 20:38

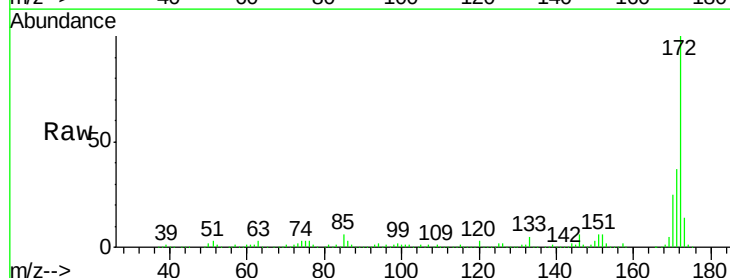
Tgt Ion:172 Resp: 2121694

Ion Ratio Lower Upper

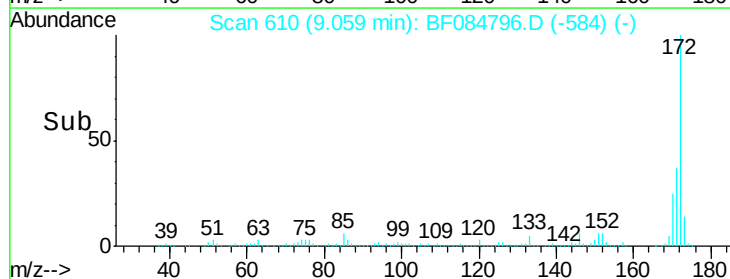
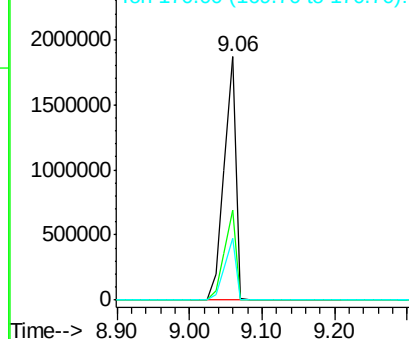
172 100

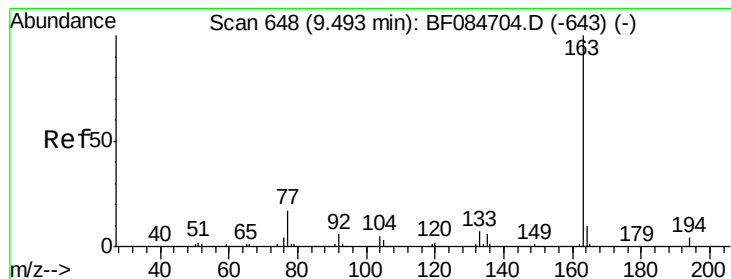
171 37.0 28.9 43.3

170 25.2 18.6 27.8



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: 9.81 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF084796.D

Acq: 3 Feb 2016 20:38

Instrument :

BNA\_F

ClientSampleId :

BOTTOM-NORTH-END(14)

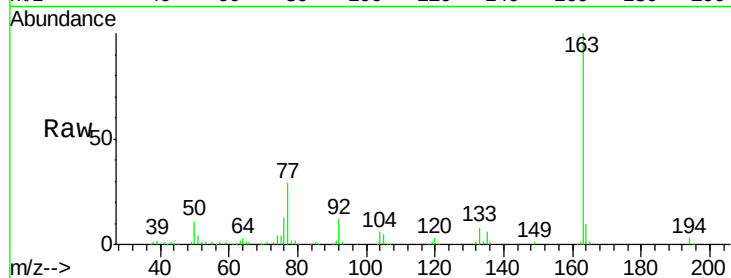
Tot Ion:163 Resp: 253211

Ion Ratio Lower Upper

163 100

194 3.0 8.0 12.0#

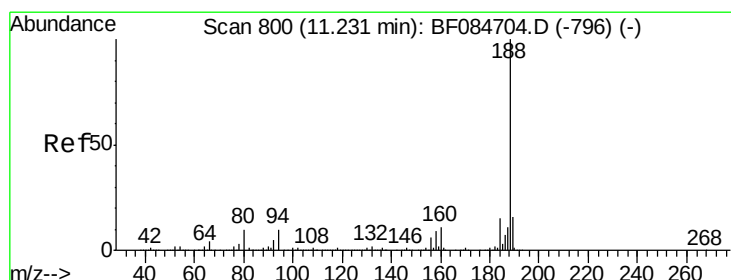
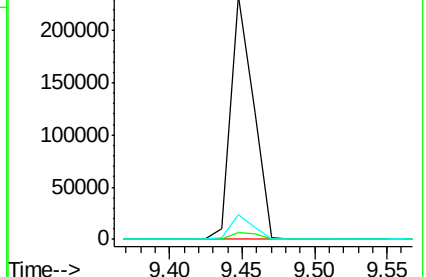
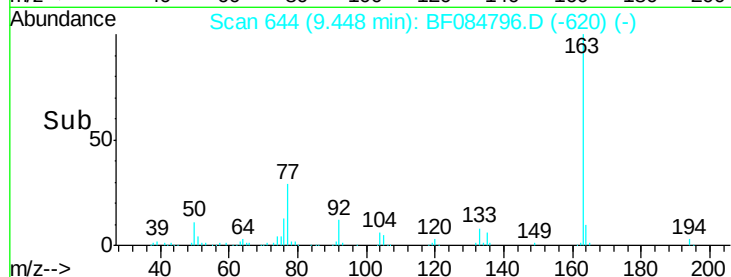
164 10.4 8.0 12.0



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: 11.20 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF084796.D

Acq: 3 Feb 2016 20:38

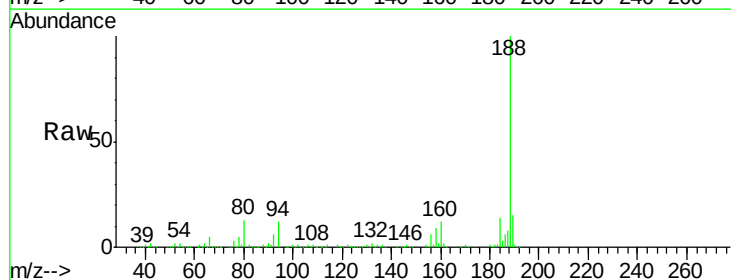
Tgt Ion:188 Resp: 600961

Ion Ratio Lower Upper

188 100

94 11.5 9.0 13.4

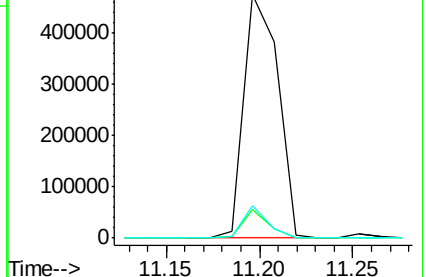
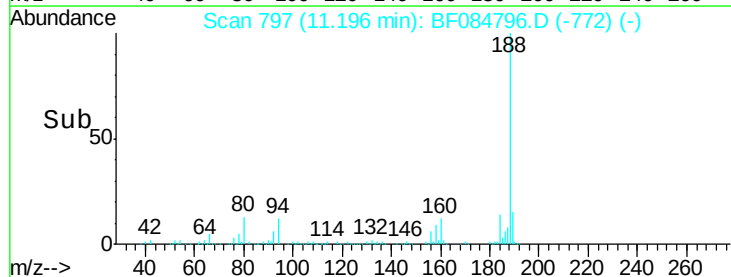
80 13.2 9.6 14.4

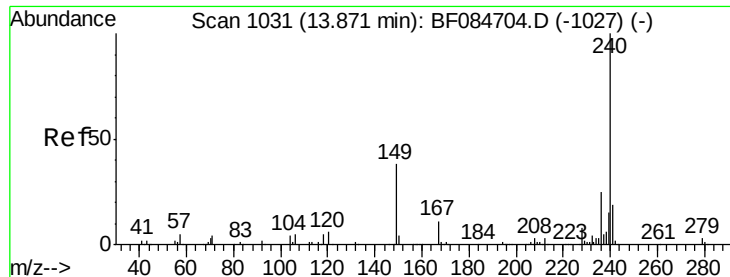


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084796.D

Acq: 3 Feb 2016 20:38

Instrument :

BNA\_F

ClientSampleId :

BOTTOM-NORTH-END(14)

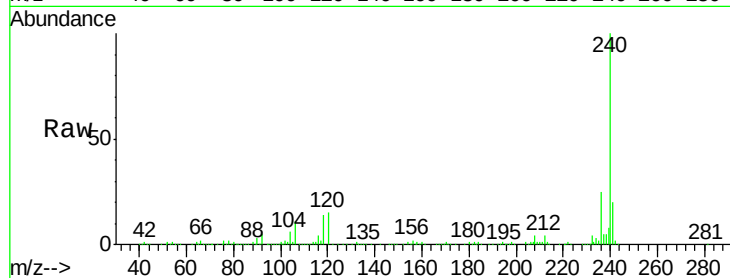
Tot Ion:240 Resp: 522413

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

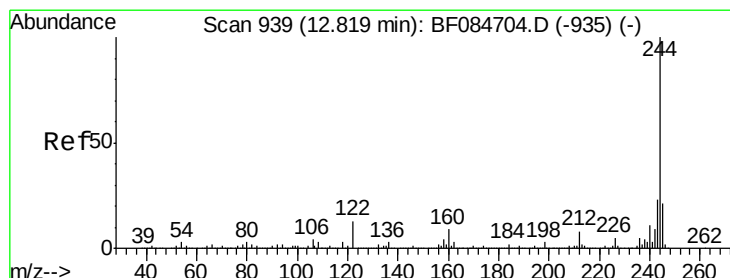
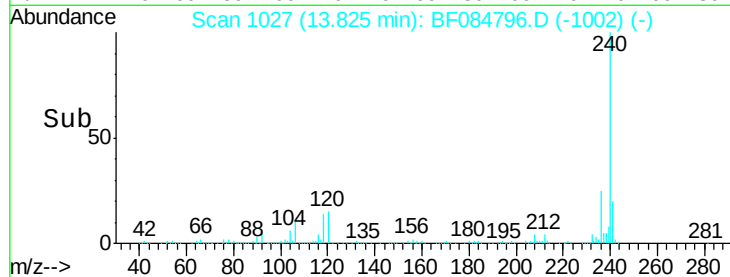
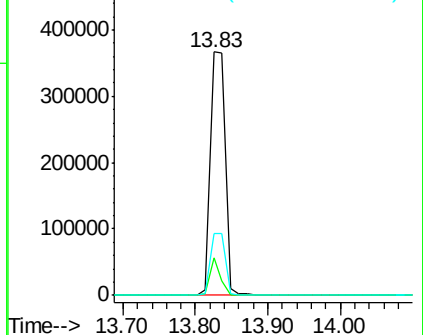
236 25.2 20.6 31.0



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: 86.51 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF084796.D

Acq: 3 Feb 2016 20:38

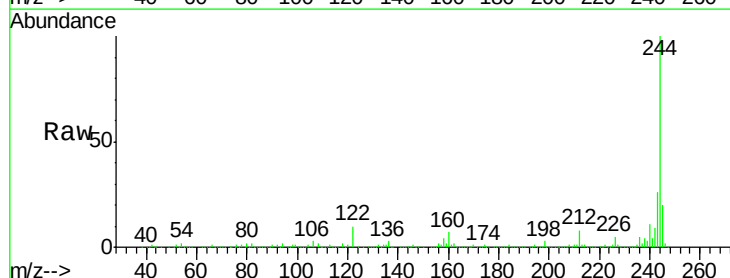
Tgt Ion:244 Resp: 1994328

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

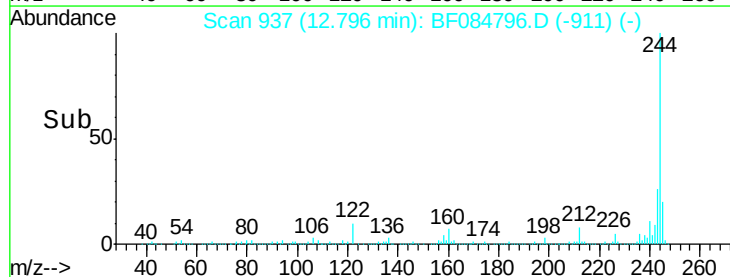
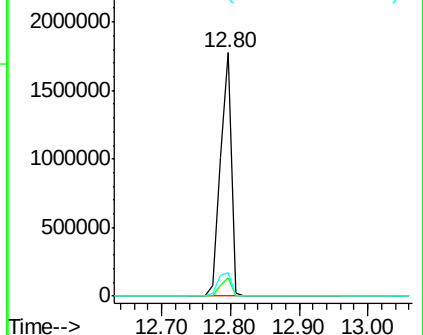
122 9.7 7.4 11.0



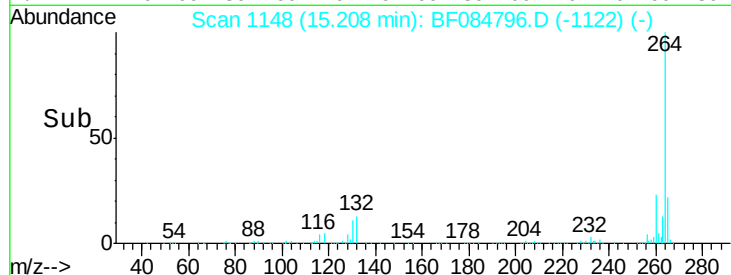
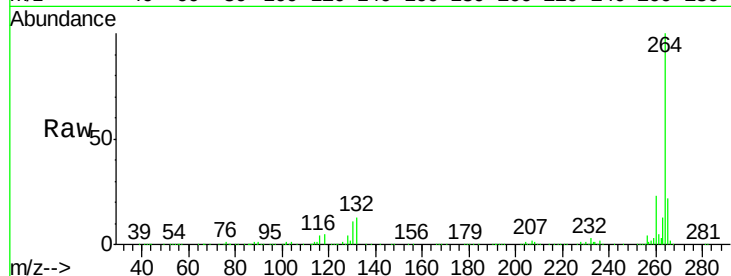
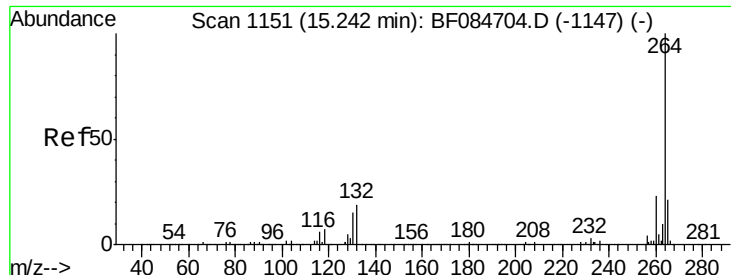
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E







#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 15.21 min Scan# 1148  
 Delta R.T. -0.00 min  
 Lab File: BF084796.D  
 Acq: 3 Feb 2016 20:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BOTTOM-NORTH-END(14)

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 365874 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 23.2  | 19.4  | 29.2   |
| 265      | 21.7  | 17.8  | 26.6   |

