

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF052317\  
 Data File : BF095380.D  
 Acq On : 24 May 2017 9:06  
 Operator : SJ/MA  
 Sample : I3269-18  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-12-COMP

Quant Time: May 24 13:16:32 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 18 17:07:53 2017  
 Response via : Initial Calibration

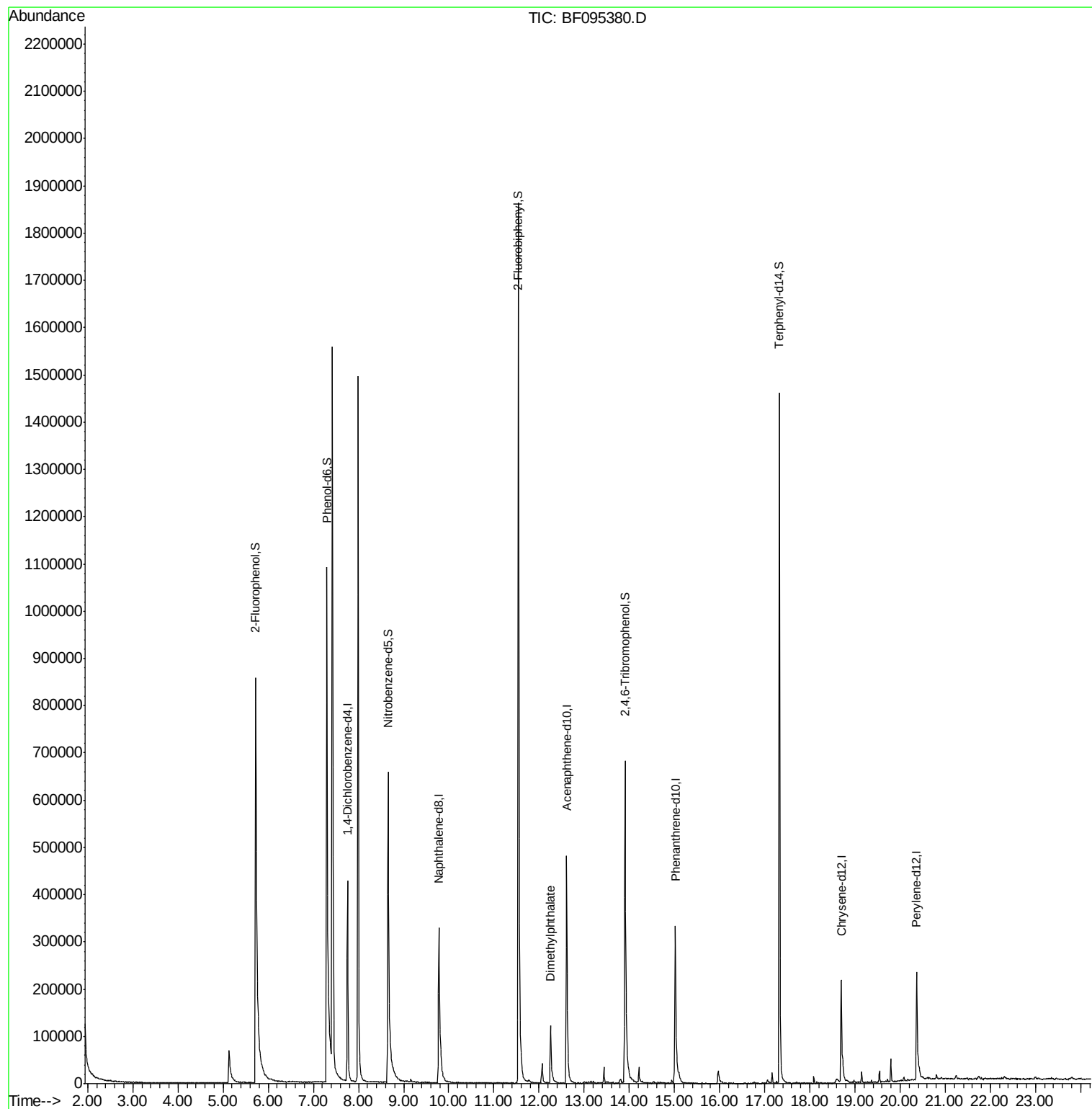
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.75  | 152  | 100050   | 20.00  | ng    | -0.01        |
| 21) Naphthalene-d8          | 9.78  | 136  | 411381   | 20.00  | ng    | 0.00         |
| 38) Acenaphthene-d10        | 12.61 | 164  | 187203   | 20.00  | ng    | -0.01        |
| 63) Phenanthrene-d10        | 15.02 | 188  | 290519   | 20.00  | ng    | 0.00         |
| 75) Chrysene-d12            | 18.69 | 240  | 173366   | 20.00  | ng    | 0.00         |
| 86) Perylene-d12            | 20.37 | 264  | 173659   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.72  | 112  | 715113   | 119.16 | ng    | -0.02        |
| 7) Phenol-d6                | 7.30  | 99   | 863589   | 119.94 | ng    | -0.02        |
| 23) Nitrobenzene-d5         | 8.65  | 82   | 504440   | 77.32  | ng    | -0.02        |
| 41) 2,4,6-Tribromophenol    | 13.91 | 330  | 171830   | 112.08 | ng    | -0.01        |
| 44) 2-Fluorobiphenyl        | 11.54 | 172  | 1083050  | 83.27  | ng    | -0.02        |
| 78) Terphenyl-d14           | 17.33 | 244  | 661156   | 84.00  | ng    | -0.02        |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 12.25 | 163  | 122751   | 7.99   | ng    | Qvalue<br>98 |

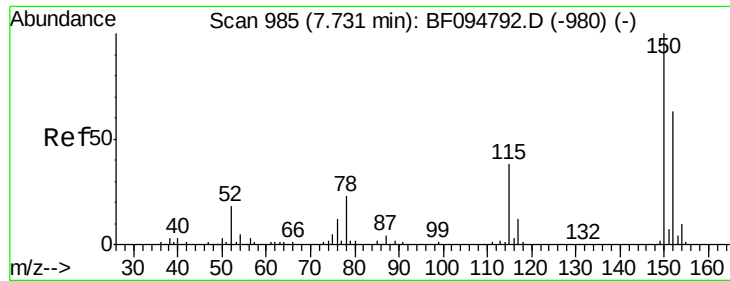
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF095380.D

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BNA\_F

ClientSampleId :

SB-12-COMP

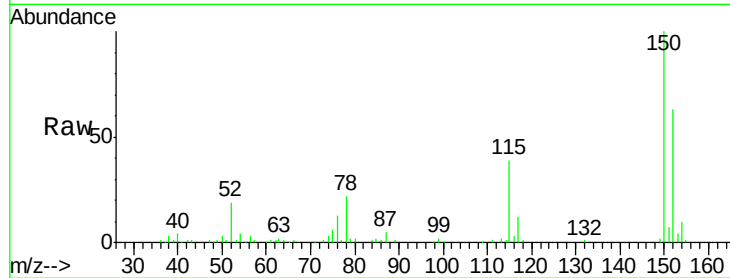
Tgt Ion:152 Resp: 100050

Ion Ratio Lower Upper

152 100

150 158.4 126.2 189.2

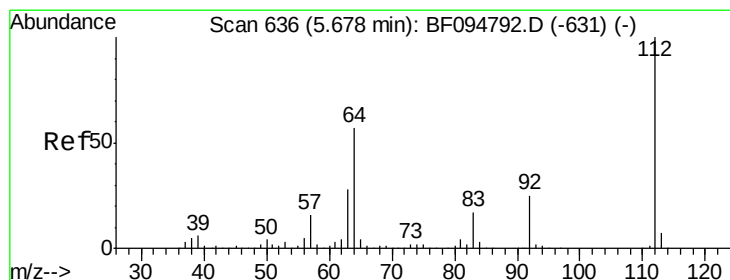
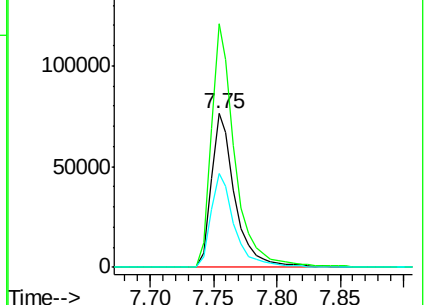
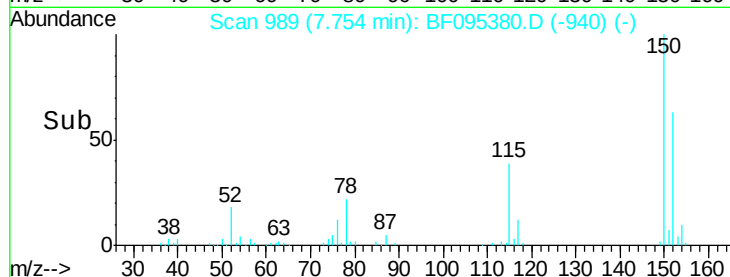
115 61.0 52.2 78.2



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: 119.16 ng

RT: 5.72 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF095380.D

Acq: 24 May 2017 9:06

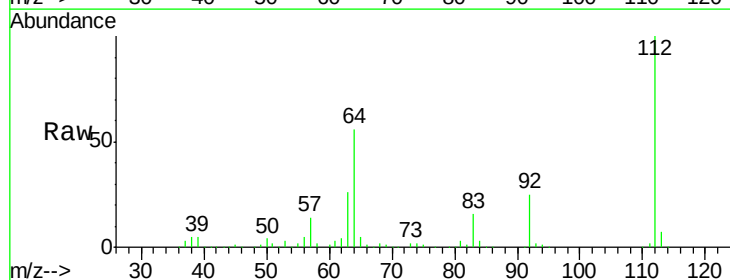
Tgt Ion:112 Resp: 715113

Ion Ratio Lower Upper

112 100

64 56.0 46.0 69.0

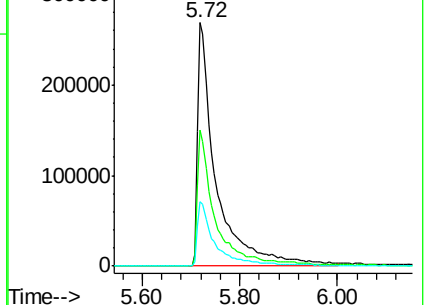
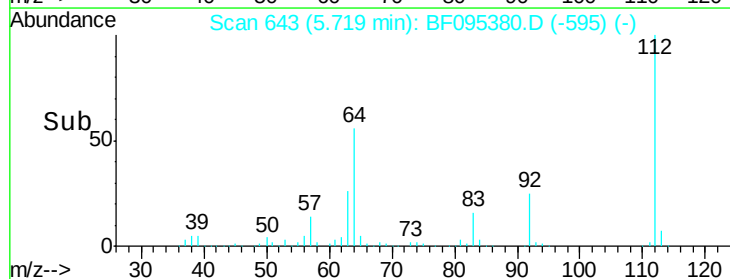
63 26.3 23.4 35.0

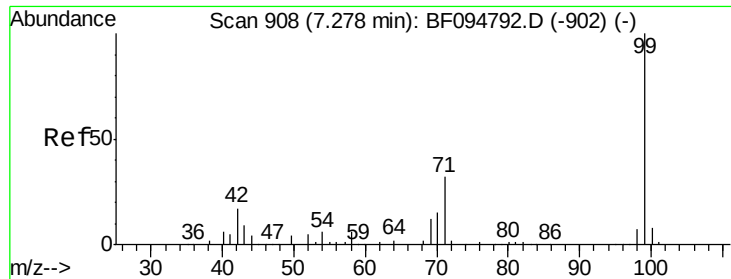


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.94 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095380.D

Acq: 24 May 2017 9:06

Instrument :

BNA\_F

ClientSampleId :

SB-12-COMP

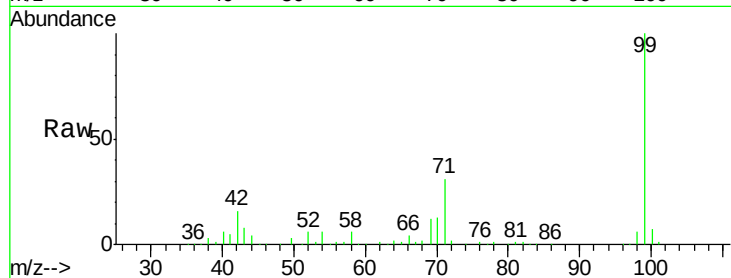
Tgt Ion: 99 Resp: 863589

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

71 31.4 24.5 36.7



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

500000

400000

300000

200000

100000

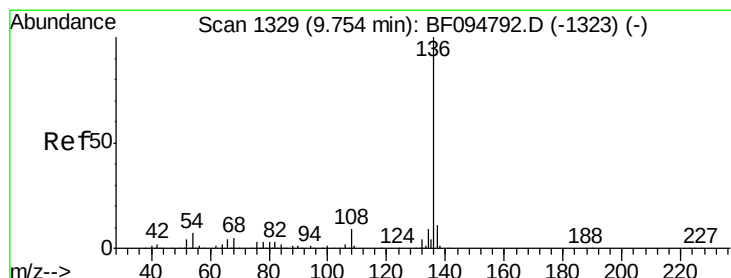
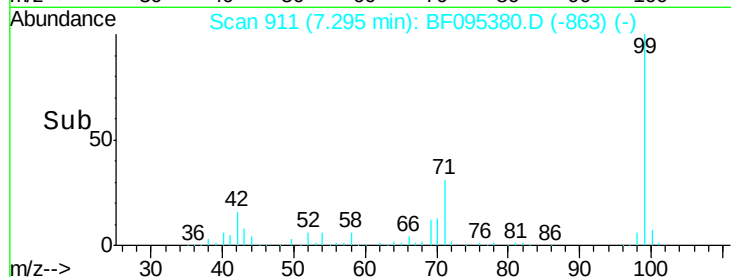
0

7.20

7.40

7.60

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095380.D

Acq: 24 May 2017 9:06

Tgt Ion: 136 Resp: 411381

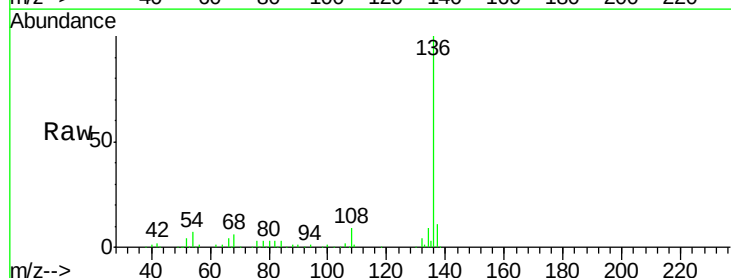
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.2 4.9 7.3

68 5.9 4.1 6.1



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

250000

200000

150000

100000

50000

0

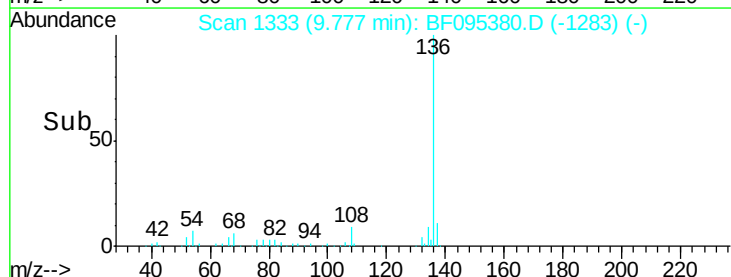
9.70

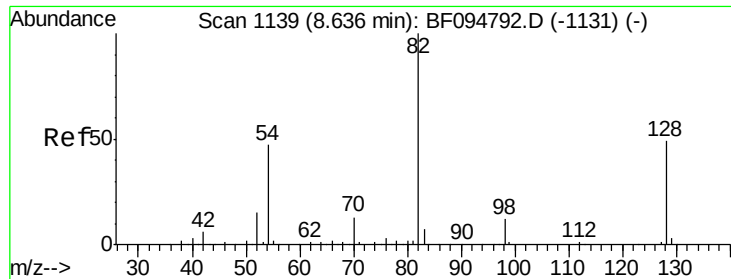
9.80

9.90

10.00

Time-->

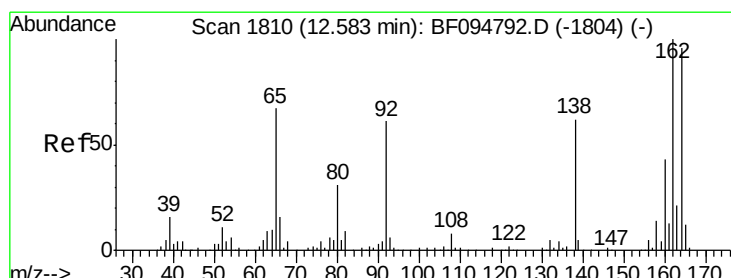
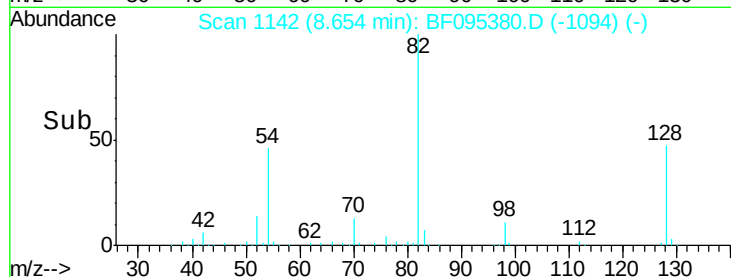
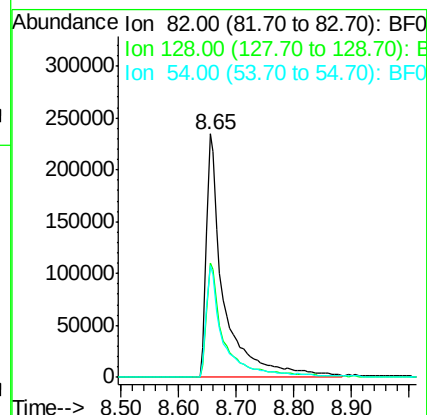
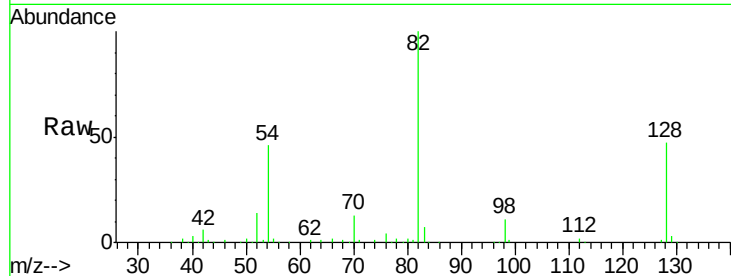




#23  
 Nitrobenzene-d5  
 Concen: 77.32 ng  
 RT: 8.65 min Scan# 1142  
 Delta R.T. -0.02 min  
 Lab File: BF095380.D  
 Acq: 24 May 2017 9:06

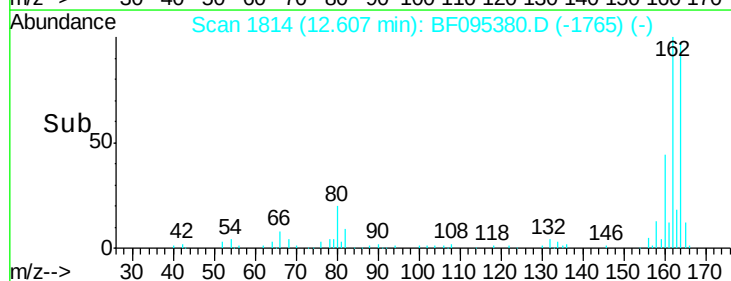
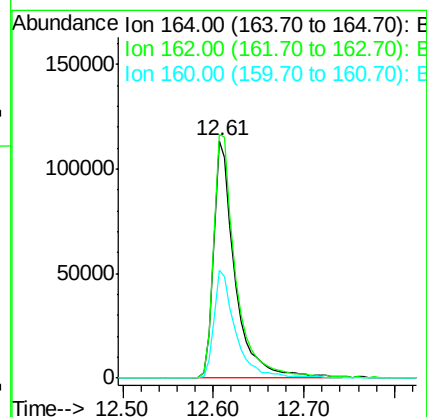
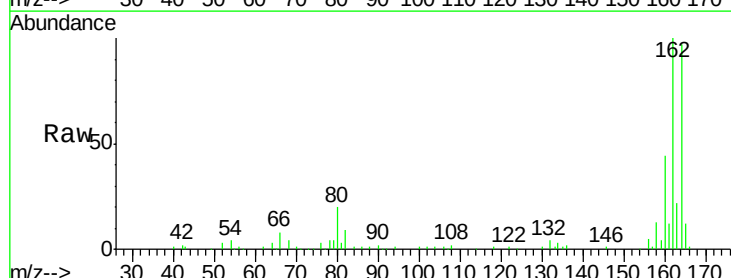
Instrument :  
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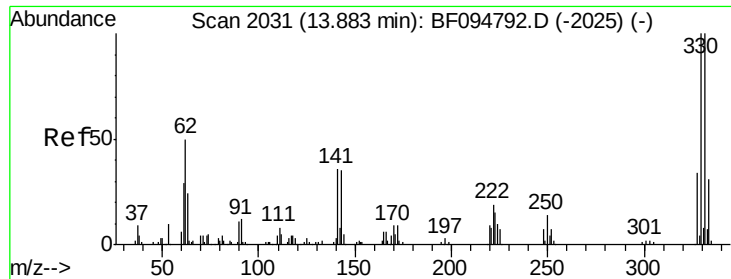
Tgt Ion: 82 Resp: 504440  
 Ion Ratio Lower Upper  
 82 100  
 128 47.2 34.0 51.0  
 54 46.0 42.2 63.2



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 12.61 min Scan# 1814  
 Delta R.T. -0.01 min  
 Lab File: BF095380.D  
 Acq: 24 May 2017 9:06

Tgt Ion: 164 Resp: 187203  
 Ion Ratio Lower Upper  
 164 100  
 162 102.6 82.6 123.8  
 160 45.3 36.2 54.2

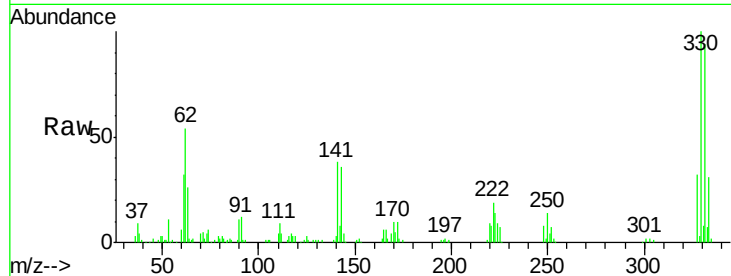




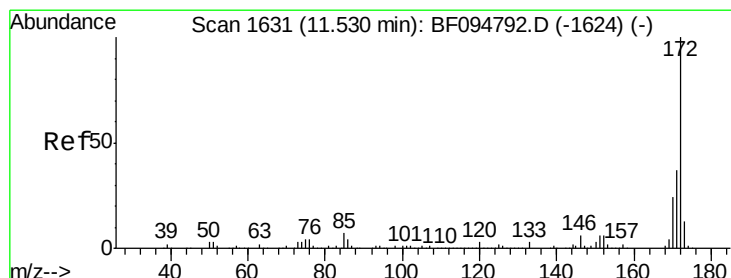
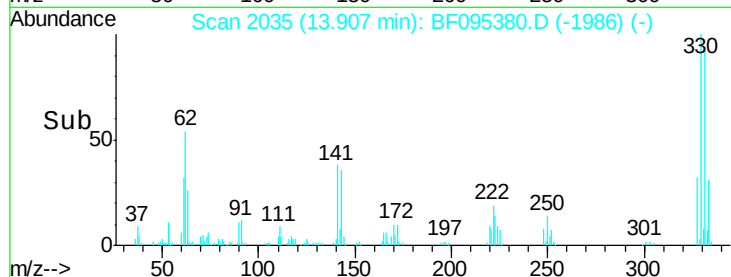
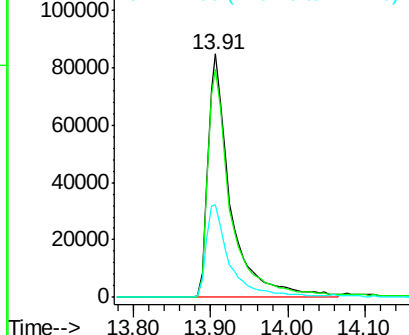
#41  
 2,4,6-Tribromophenol  
 Concen: 112.08 ng  
 RT: 13.91 min Scan# 2035  
 Delta R.T. -0.01 min  
 Lab File: BF095380.D  
 Acq: 24 May 2017 9:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-12-COMP

Tgt Ion: 330 Resp: 171830  
 Ion Ratio Lower Upper  
 330 100  
 332 95.3 76.6 115.0  
 141 39.3 31.4 47.2

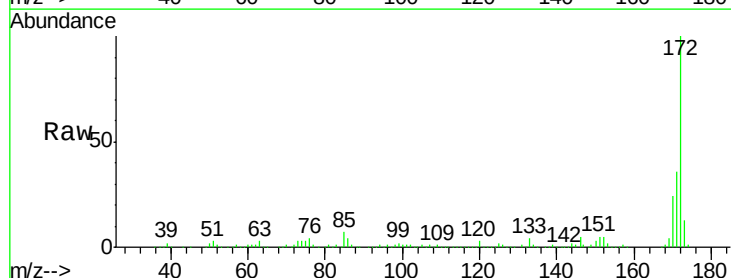


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

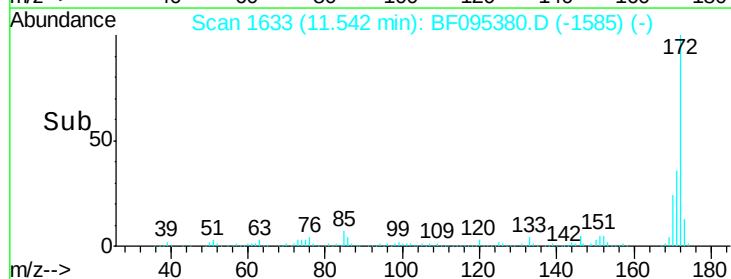
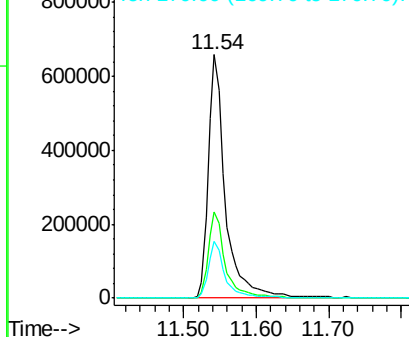


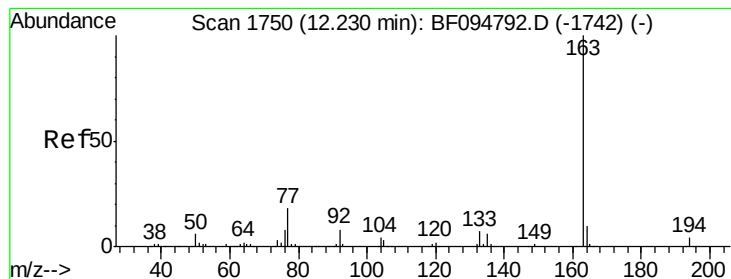
#44  
 2-Fluorobiphenyl  
 Concen: 83.27 ng  
 RT: 11.54 min Scan# 1633  
 Delta R.T. -0.02 min  
 Lab File: BF095380.D  
 Acq: 24 May 2017 9:06

Tgt Ion: 172 Resp: 1083050  
 Ion Ratio Lower Upper  
 172 100  
 171 35.6 29.6 44.4  
 170 23.5 19.8 29.8



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: 7.99 ng

RT: 12.25 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF095380.D

Acq: 24 May 2017 9:06

Instrument :

BNA\_F

ClientSampleId :

SB-12-COMP

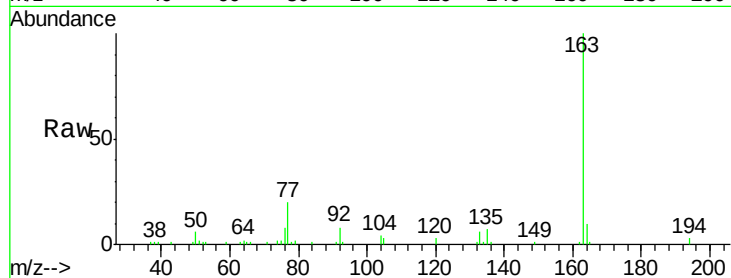
Tgt Ion:163 Resp: 122751

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

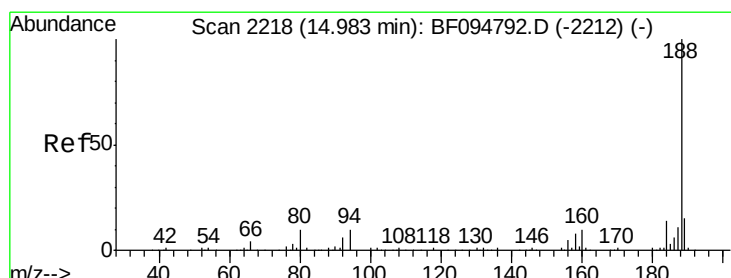
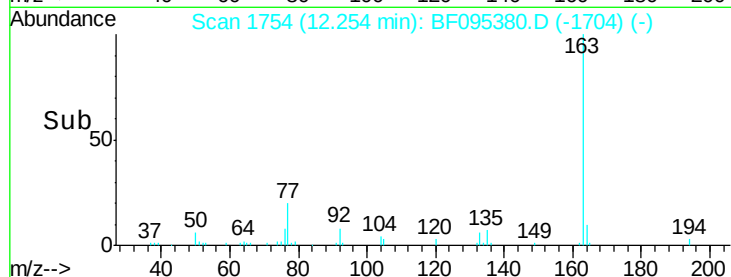
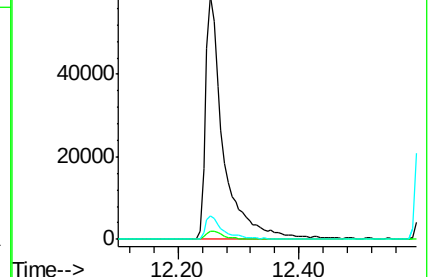
164 9.7 8.4 12.6



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: 15.02 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF095380.D

Acq: 24 May 2017 9:06

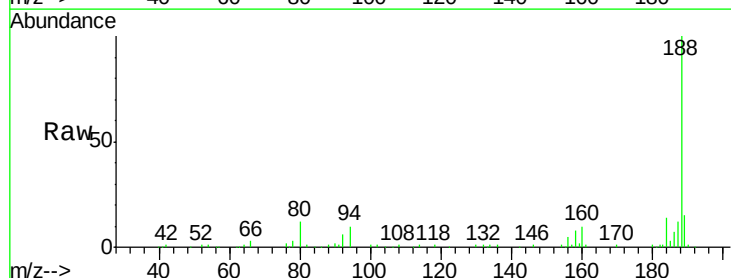
Tgt Ion:188 Resp: 290519

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

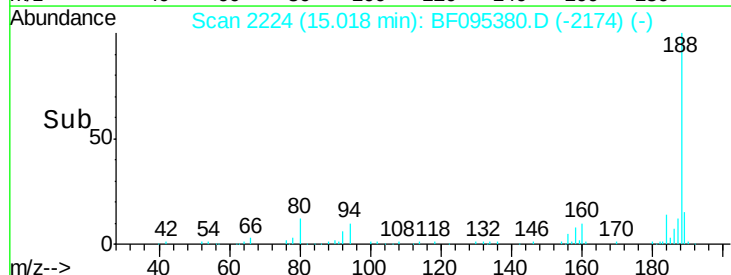
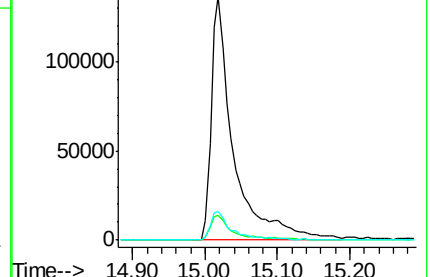
80 11.5 10.2 15.2

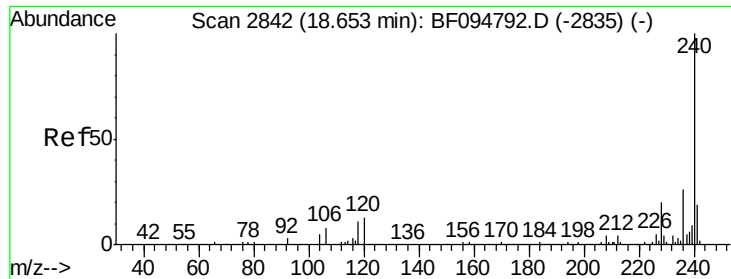


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

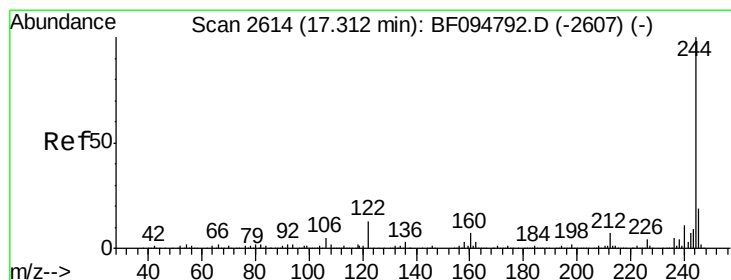
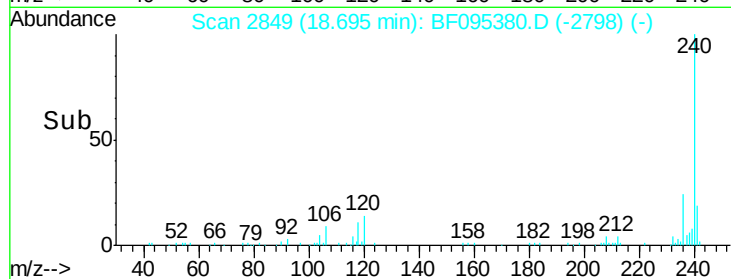
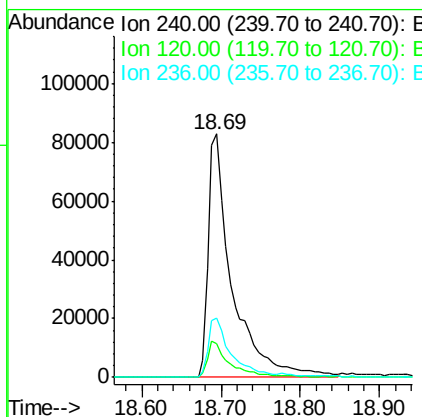
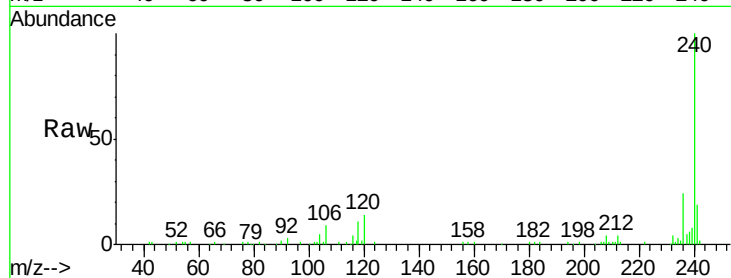




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 18.69 min Scan# 2849  
 Delta R.T. 0.00 min  
 Lab File: BF095380.D  
 Acq: 24 May 2017 9:06

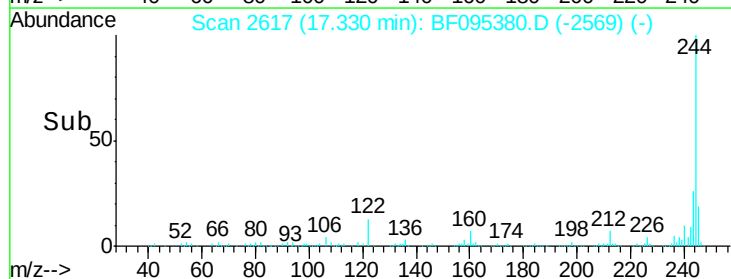
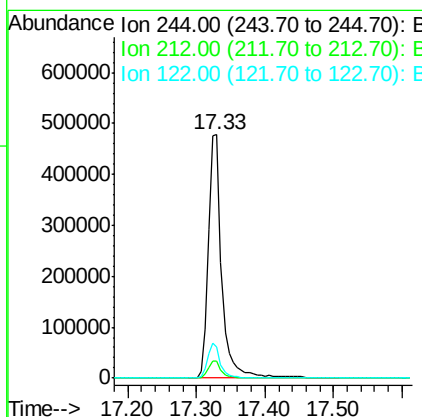
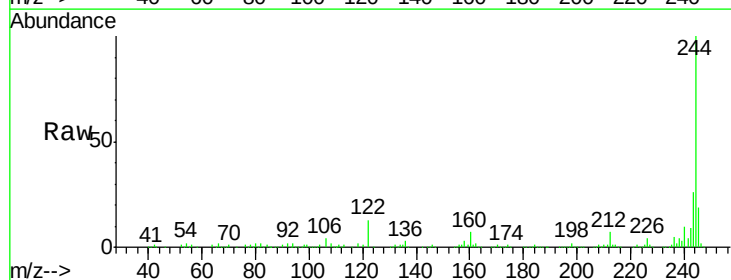
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Tgt Ion:240 Resp: 173366  
 Ion Ratio Lower Upper  
 240 100  
 120 13.7 5.8 8.8#  
 236 24.5 20.5 30.7

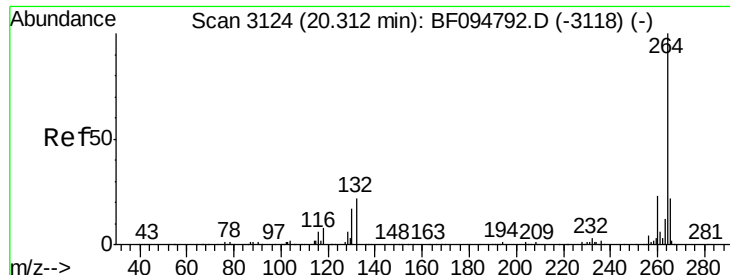


#78  
 Terphenyl-d14  
 Concen: 84.00 ng  
 RT: 17.33 min Scan# 2617  
 Delta R.T. -0.02 min  
 Lab File: BF095380.D  
 Acq: 24 May 2017 9:06

Tgt Ion:244 Resp: 661156  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 6.0 9.0  
 122 12.6 10.3 15.5







#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 20.37 min Scan# 3133  
Delta R.T. 0.00 min  
Lab File: BF095380.D  
Acq: 24 May 2017 9:06

Instrument :  
BNA\_F  
ClientSampleId :  
SB-12-COMP

Tgt Ion: 264 Resp: 173659  
Ion Ratio Lower Upper  
264 100  
260 23.4 19.5 29.3  
265 19.9 17.2 25.8

