

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\  
 Data File : BN000724.D  
 Acq On : 09 Apr 2018 23:44  
 Operator : JU/SJ  
 Sample : J2292-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 040618-JETW-E-D-B

Quant Time: Apr 10 05:16:28 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN040918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 09 13:41:40 2018  
 Response via : Initial Calibration

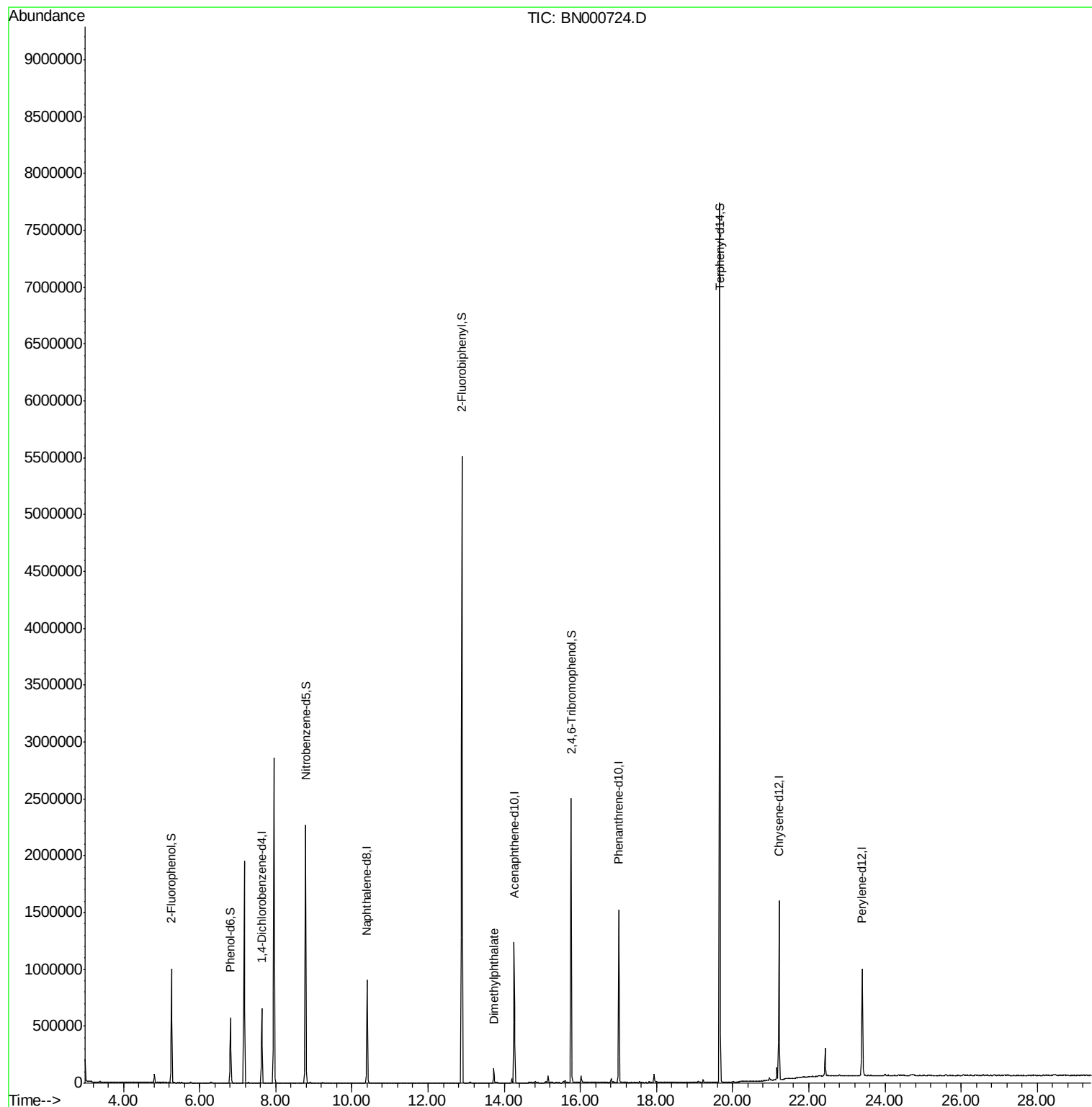
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|--------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.63  | 152  | 161168   | 20.00  | ng    | 0.00          |
| 21) Naphthalene-d8          | 10.40 | 136  | 695762   | 20.00  | ng    | 0.00          |
| 38) Acenaphthene-d10        | 14.26 | 164  | 375327   | 20.00  | ng    | 0.00          |
| 63) Phenanthrene-d10        | 17.01 | 188  | 791647   | 20.00  | ng    | 0.00          |
| 75) Chrysene-d12            | 21.22 | 240  | 667620   | 20.00  | ng    | 0.00          |
| 86) Perylene-d12            | 23.40 | 264  | 574554   | 20.00  | ng    | -0.01         |
| System Monitoring Compounds |       |      |          |        |       |               |
| 5) 2-Fluorophenol           | 5.26  | 112  | 420670   | 38.54  | ng    | 0.00          |
| 7) Phenol-d6                | 6.81  | 99   | 330796   | 22.26  | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 8.78  | 82   | 1364866  | 103.81 | ng    | 0.00          |
| 41) 2,4,6-Tribromophenol    | 15.76 | 330  | 395001   | 107.04 | ng    | 0.00          |
| 44) 2-Fluorobiphenyl        | 12.89 | 172  | 2688608  | 98.73  | ng    | 0.00          |
| 78) Terphenyl-d14           | 19.66 | 244  | 3302636  | 108.05 | ng    | 0.00          |
| Target Compounds            |       |      |          |        |       |               |
| 49) Dimethylphthalate       | 13.73 | 163  | 74351    | 2.489  | ng    | Qvalue<br>100 |

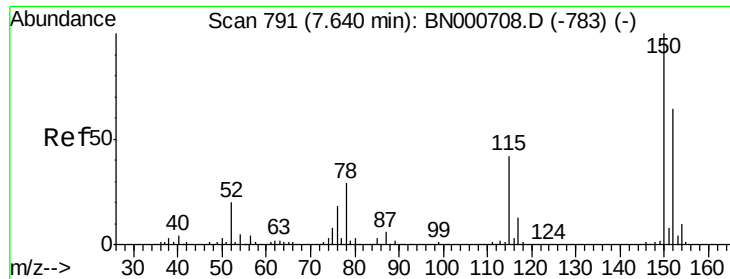
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\  
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Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
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QLast Update : Mon Apr 09 13:41:40 2018  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.63 min Scan# 790

Delta R.T. -0.01 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Instrument :

BNA\_N

ClientSampleId :

040618-JETW-E-D-B

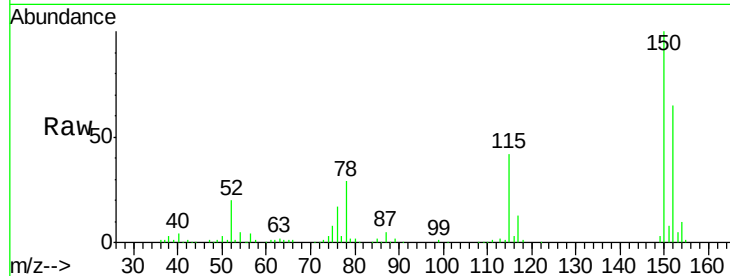
Tot Ion:152 Resp: 161168

Ion Ratio Lower Upper

152 100

150 153.3 126.6 189.8

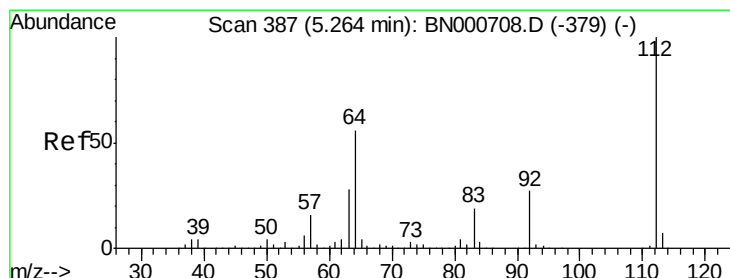
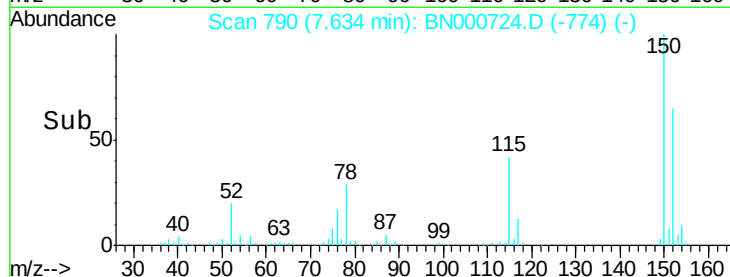
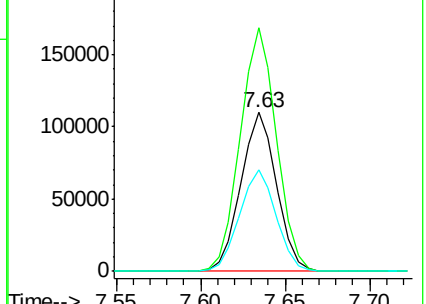
115 64.1 53.0 79.4



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: 38.540 ng

RT: 5.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

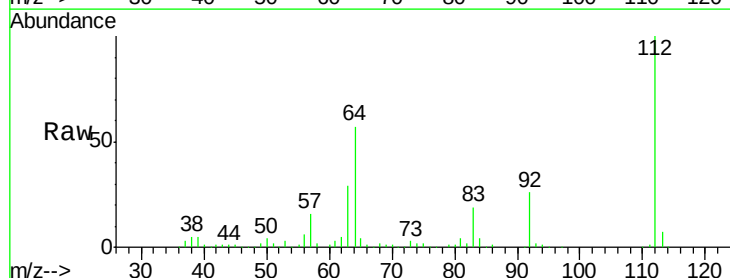
Tgt Ion:112 Resp: 420670

Ion Ratio Lower Upper

112 100

64 56.9 56.3 84.5

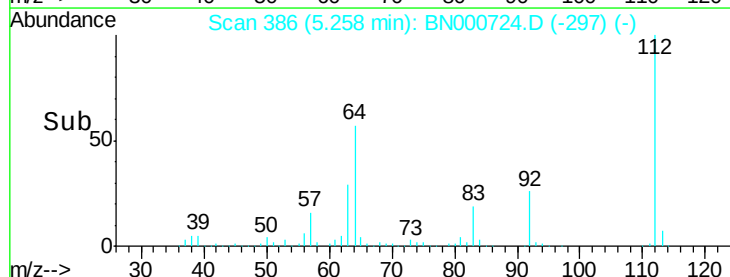
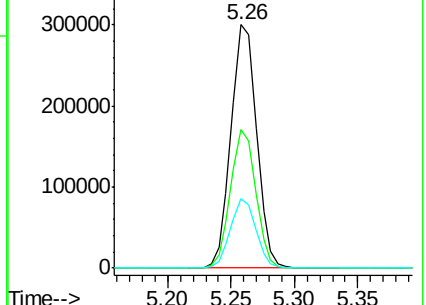
63 28.5 30.1 45.1#

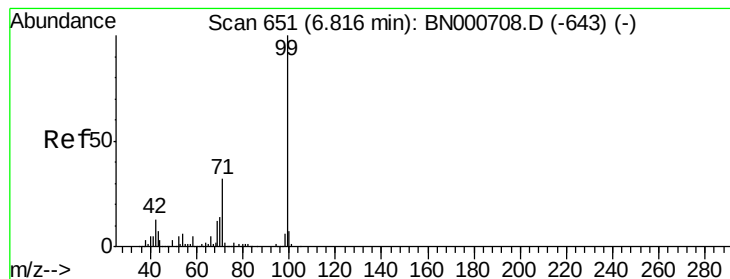


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#7

Phenol-d6

Concen: 22.262 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Instrument :

BNA\_N

ClientSampleId :

040618-JETW-E-D-B

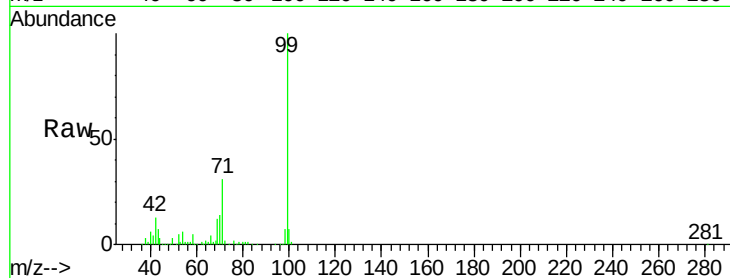
Tot Ion: 99 Resp: 330796

Ion Ratio Lower Upper

99 100

42 13.3 14.1 21.1#

71 31.4 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000708.D (-643) (-)

Ion 42.00 (41.70 to 42.70): BN000708.D (-643) (-)

Ion 71.00 (70.70 to 71.70): BN000708.D (-643) (-)

6.81

250000

200000

150000

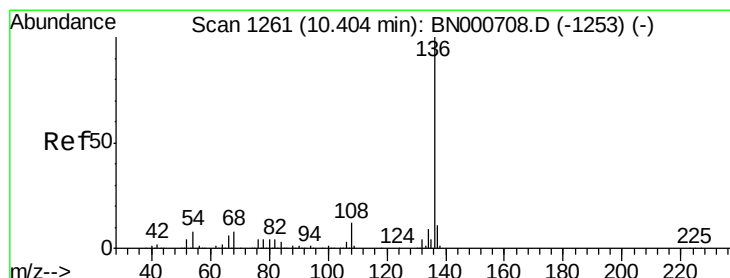
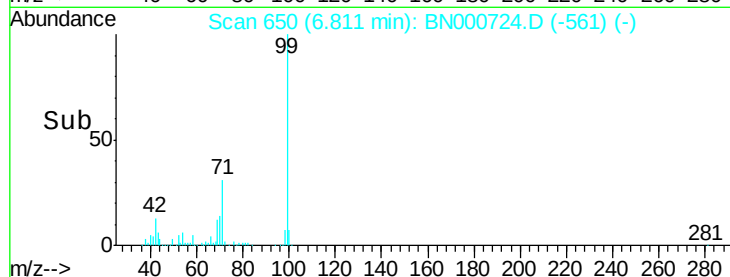
100000

50000

0

6.70 6.75 6.80 6.85 6.90

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Tgt Ion: 136 Resp: 695762

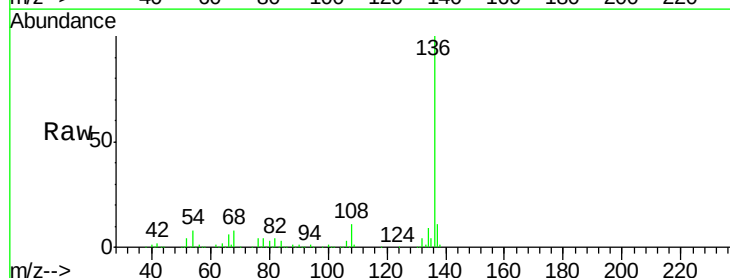
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 8.1 10.3 15.5#

68 7.7 4.5 6.7#



Abundance Ion 136.00 (135.70 to 136.70): BN000708.D (-1253) (-)

Ion 137.00 (136.70 to 137.70): BN000708.D (-1253) (-)

Ion 54.00 (53.70 to 54.70): BN000708.D (-1253) (-)

Ion 68.00 (67.70 to 68.70): BN000708.D (-1253) (-)

10.40

600000

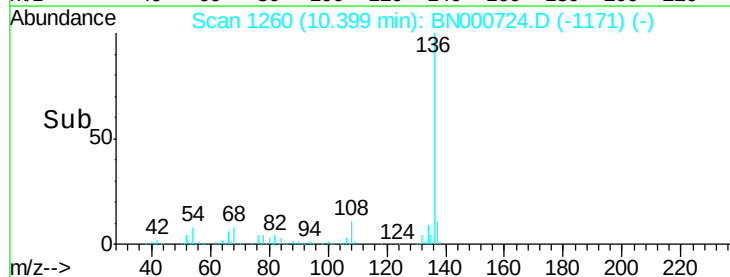
400000

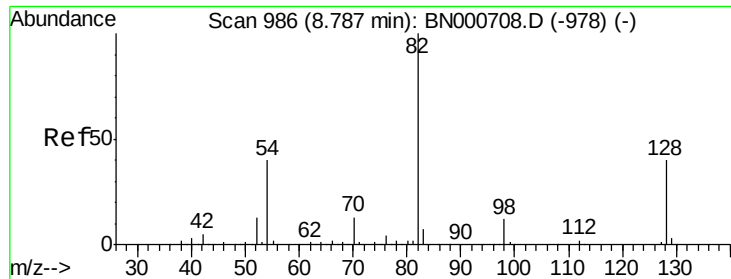
200000

0

10.30 10.35 10.40 10.45

Time-->

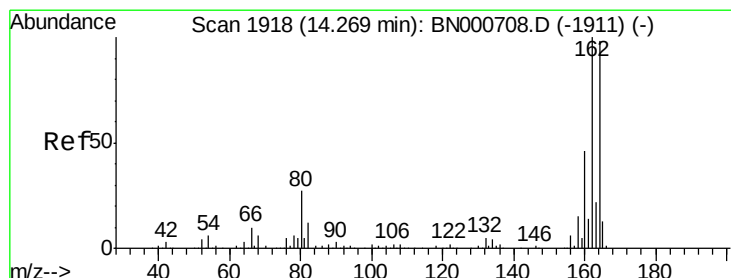
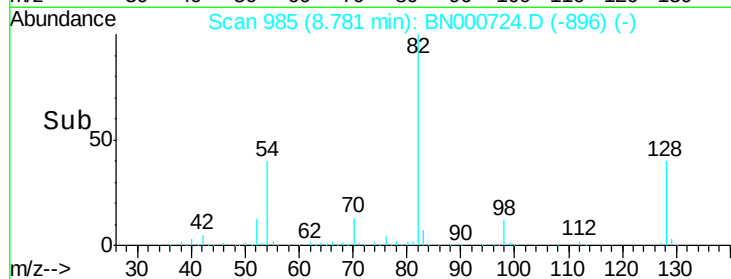
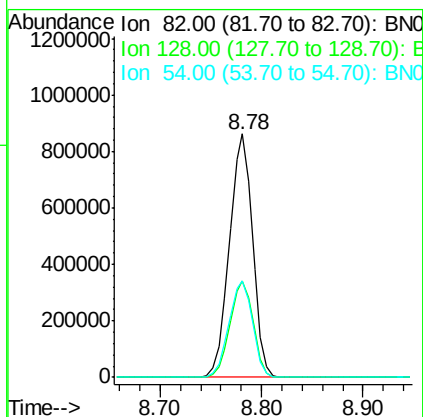
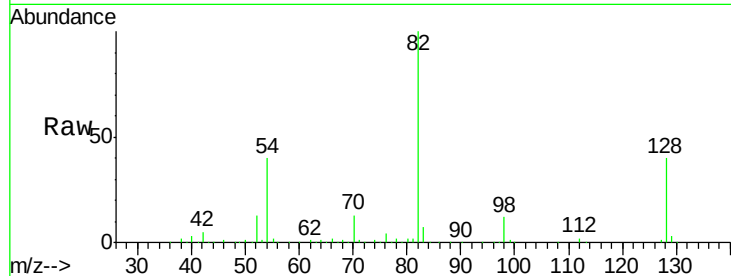




#23  
 Nitrobenzene-d5  
 Concen: 103.808 ng  
 RT: 8.78 min Scan# 985  
 Delta R.T. -0.01 min  
 Lab File: BN000724.D  
 Acq: 09 Apr 2018 23:44

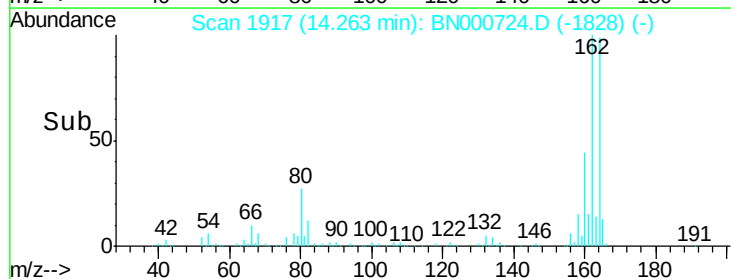
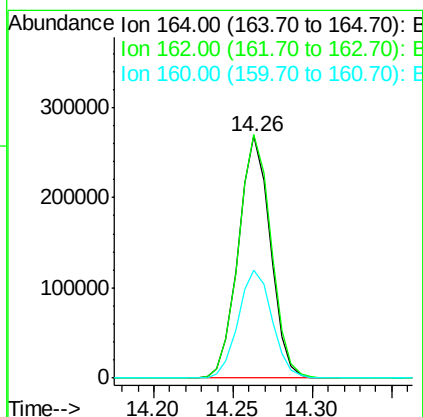
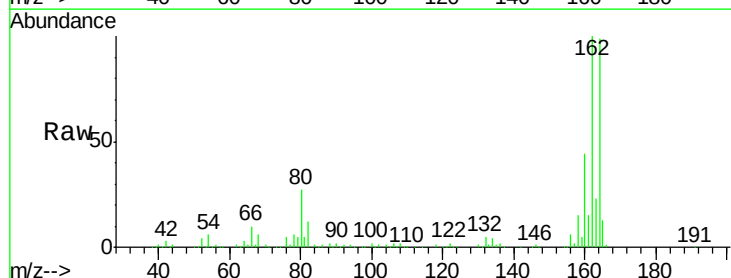
Instrument :  
 BNA\_N  
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 040618-JETW-E-D-B

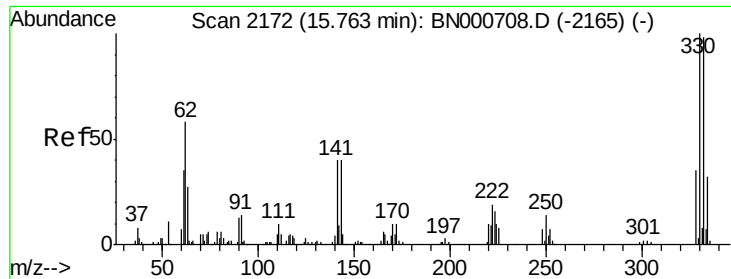
Tot Ion: 82 Resp: 1364866  
 Ion Ratio Lower Upper  
 82 100  
 128 39.5 29.7 44.5  
 54 39.7 43.1 64.7#



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.26 min Scan# 1917  
 Delta R.T. -0.01 min  
 Lab File: BN000724.D  
 Acq: 09 Apr 2018 23:44

Tgt Ion:164 Resp: 375327  
 Ion Ratio Lower Upper  
 164 100  
 162 100.6 78.8 118.2  
 160 44.6 35.4 53.0

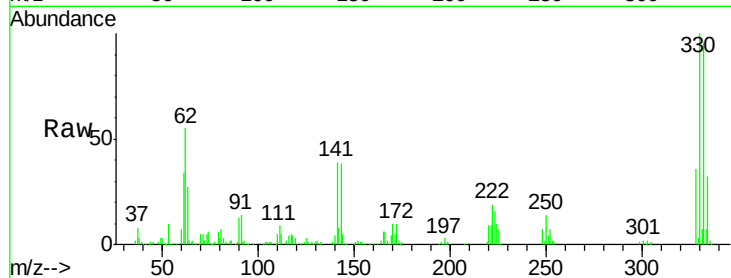




#41  
 2,4,6-Tribromophenol  
 Concen: 107.042 ng  
 RT: 15.76 min Scan# 2171  
 Delta R.T. -0.01 min  
 Lab File: BN000724.D  
 Acq: 09 Apr 2018 23:44

Instrument :  
 BNA\_N  
 ClientSampleId :  
 040618-JETW-E-D-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.8  | 77.0  | 115.6 |
| 141     | 42.7  | 25.2  | 37.8# |

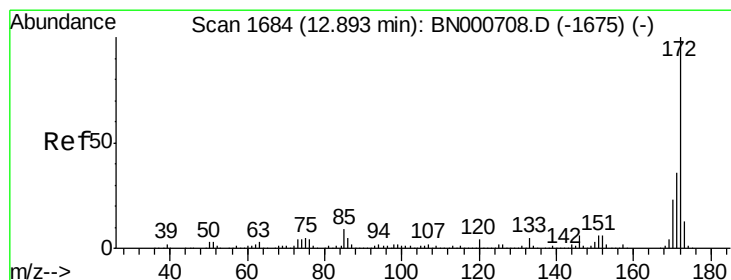
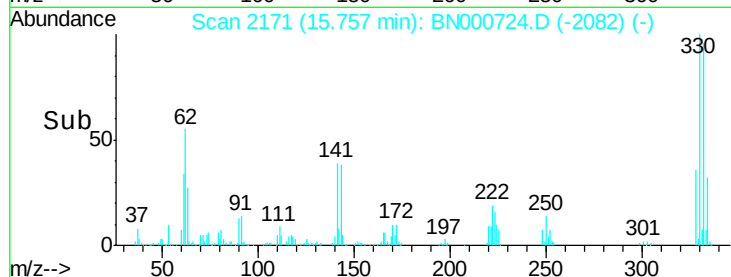
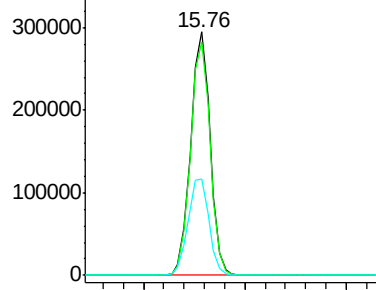


Abundance

Ion 329.80 (329.50 to 330.50): E

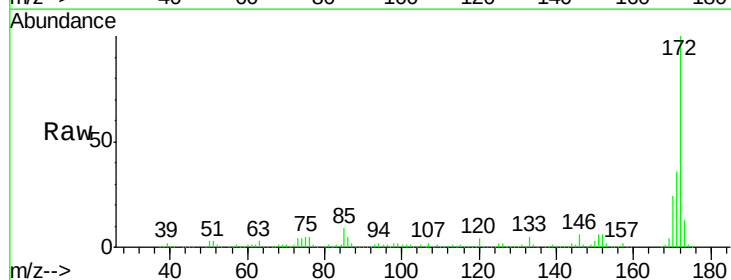
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 98.729 ng  
 RT: 12.89 min Scan# 1683  
 Delta R.T. -0.01 min  
 Lab File: BN000724.D  
 Acq: 09 Apr 2018 23:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.9  | 30.0  | 45.0  |
| 170     | 23.7  | 19.5  | 29.3  |

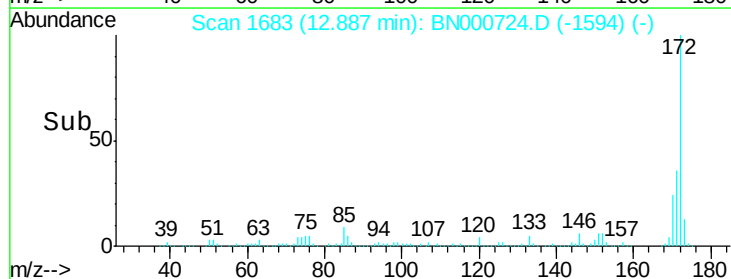
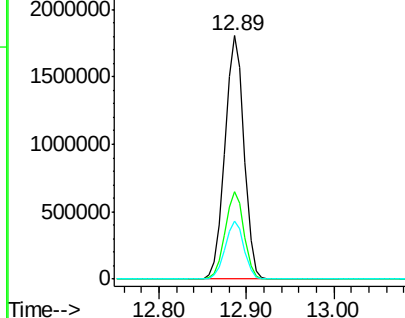


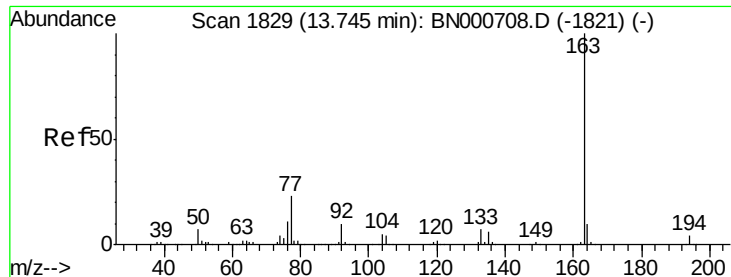
Abundance

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: 2.489 ng

RT: 13.73 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Instrument :

BNA\_N

ClientSampleId :

040618-JETW-E-D-B

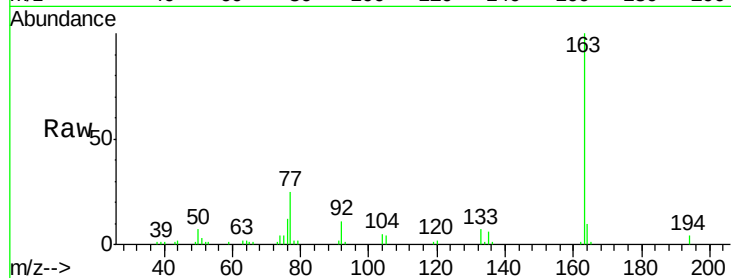
Tot Ion:163 Resp: 74351

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

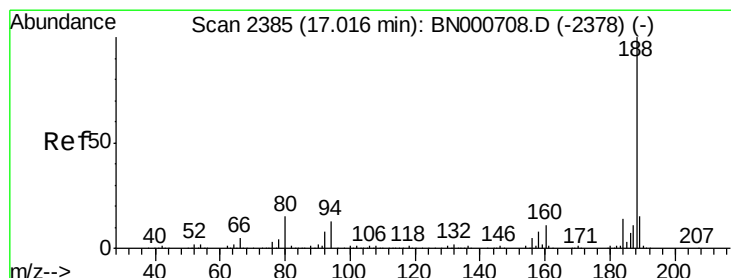
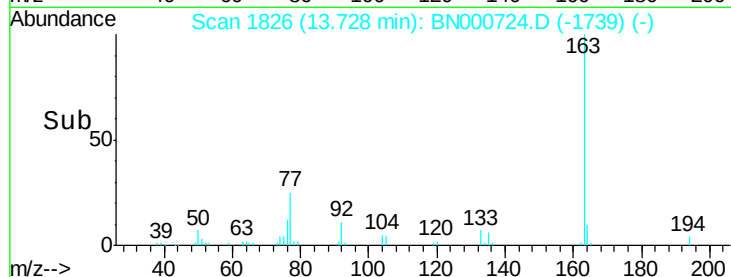
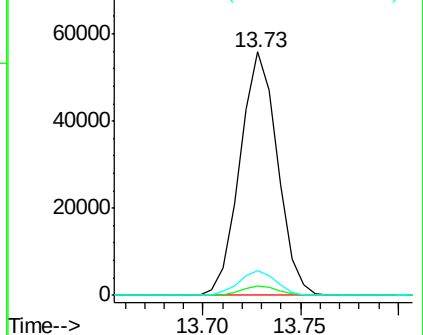
164 10.3 8.2 12.4



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: 20.000 ng

RT: 17.01 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

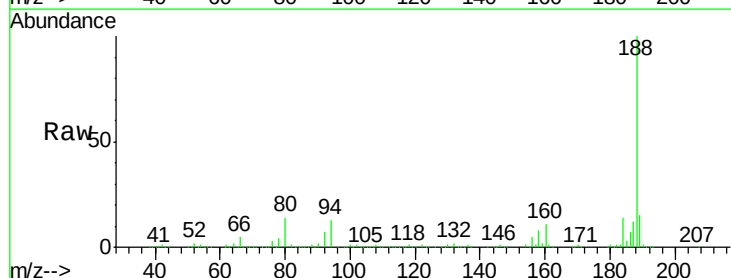
Tgt Ion:188 Resp: 791647

Ion Ratio Lower Upper

188 100

94 13.2 6.9 10.3#

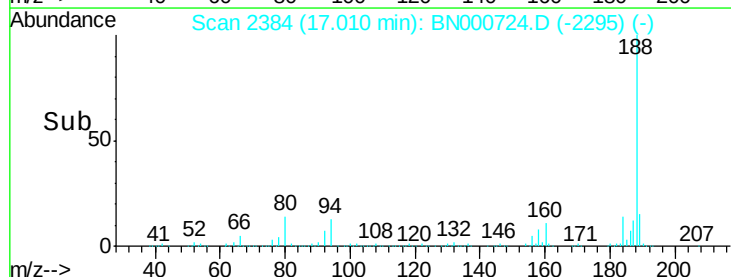
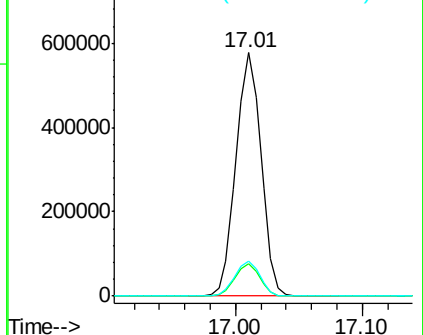
80 14.4 7.7 11.5#

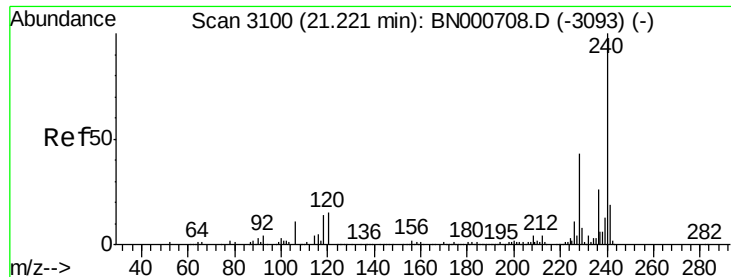


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

Instrument :

BNA\_N

ClientSampleId :

040618-JETW-E-D-B

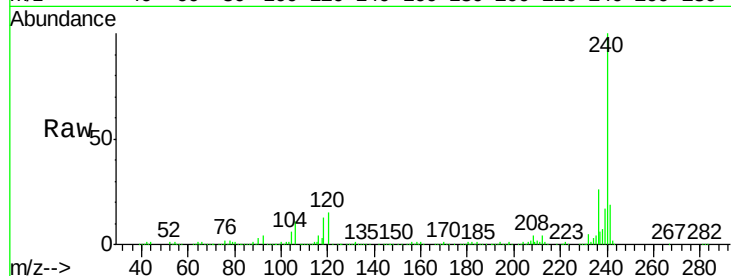
Tot Ion:240 Resp: 667620

Ion Ratio Lower Upper

240 100

120 14.7 6.8 10.2#

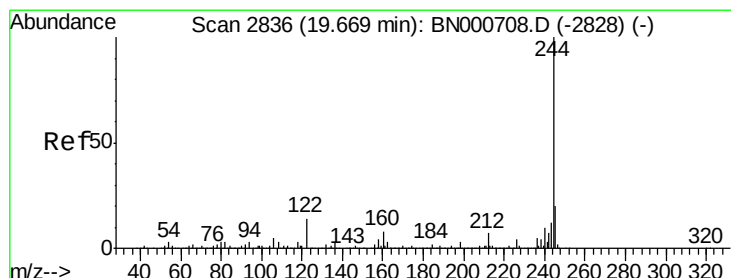
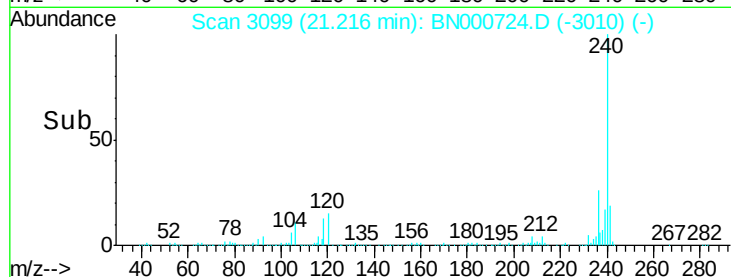
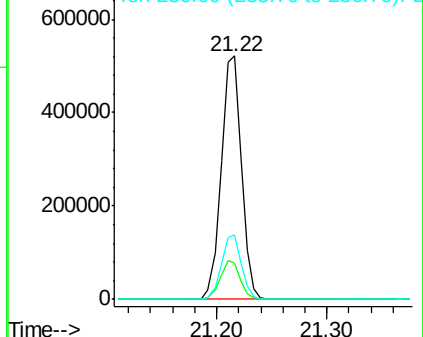
236 26.3 20.9 31.3



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: 108.052 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BN000724.D

Acq: 09 Apr 2018 23:44

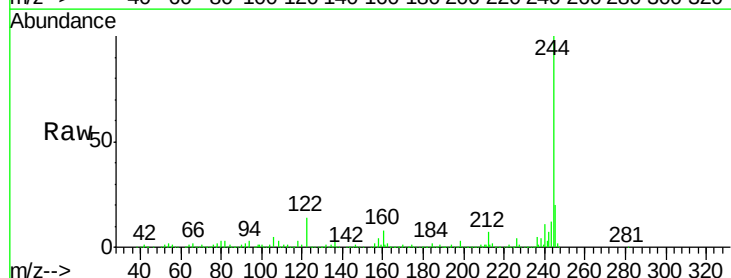
Tgt Ion:244 Resp: 3302636

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

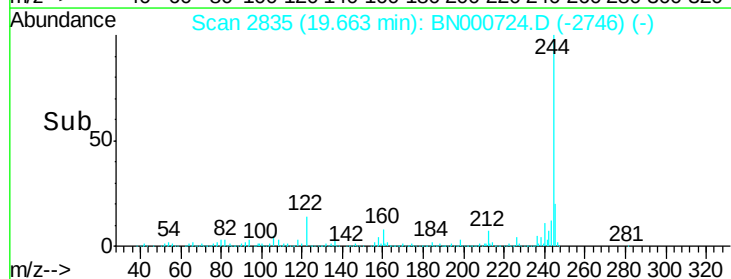
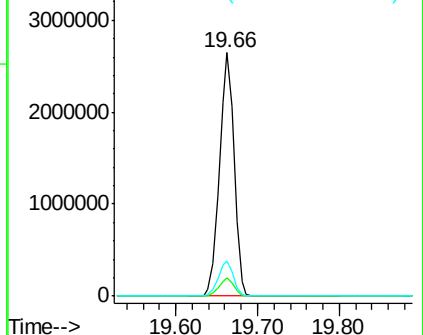
122 14.2 7.0 10.4#



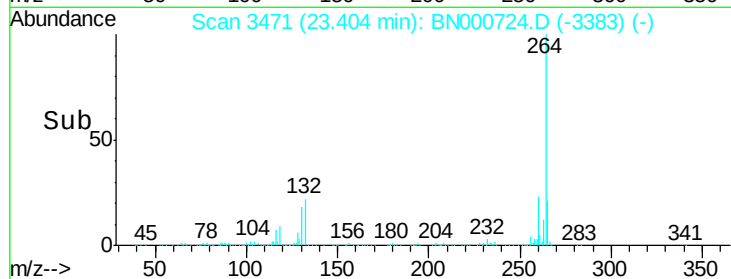
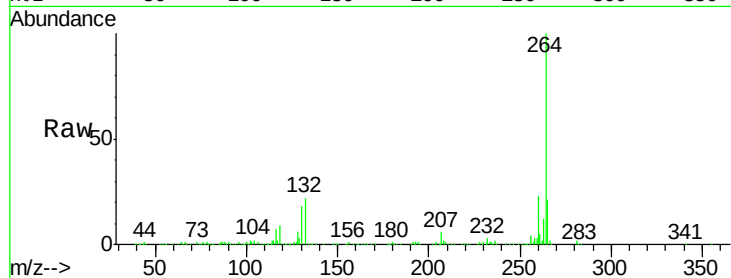
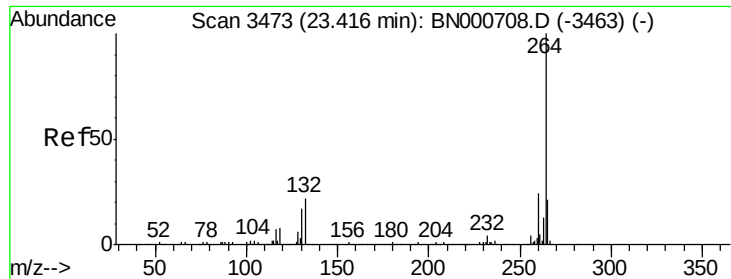
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E







#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.40 min Scan# 3471  
Delta R.T. -0.01 min  
Lab File: BN000724.D  
Acq: 09 Apr 2018 23:44

Instrument :  
BNA\_N  
ClientSampleId :  
040618-JETW-E-D-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.4  | 17.4  | 26.0  |
| 265     | 21.1  | 17.7  | 26.5  |

