

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050118\  
 Data File : BF105014.D  
 Acq On : 2 May 2018 6:27  
 Operator : JU/SJ  
 Sample : J2645-07  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 042718-JETB-E-D-M

Quant Time: May 02 08:17:04 2018  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 01 16:13:08 2018  
 Response via : Initial Calibration

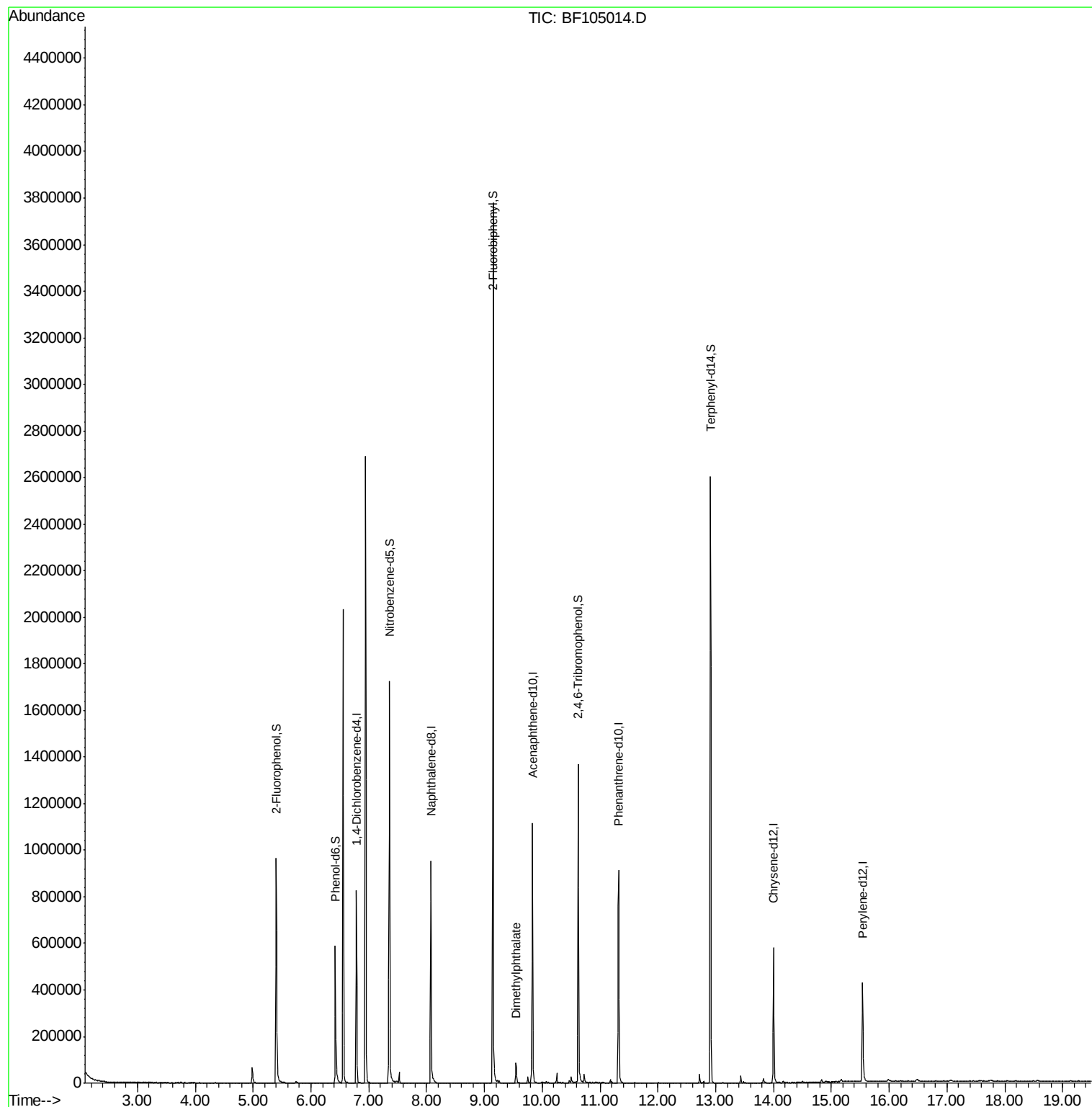
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.79  | 152  | 117448   | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.07  | 136  | 495458   | 20.00 | ng    | 0.00      |
| 38) Acenaphthene-d10        | 9.83  | 164  | 221986   | 20.00 | ng    | 0.00      |
| 63) Phenanthrene-d10        | 11.32 | 188  | 359660   | 20.00 | ng    | 0.00      |
| 75) Chrysene-d12            | 14.00 | 240  | 237117   | 20.00 | ng    | 0.03      |
| 86) Perylene-d12            | 15.54 | 264  | 218141   | 20.00 | ng    | 0.11      |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.40  | 112  | 309989   | 40.36 | ng    | 0.00      |
| 7) Phenol-d6                | 6.42  | 99   | 236596   | 25.07 | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 7.36  | 82   | 704657   | 92.87 | ng    | 0.00      |
| 41) 2,4,6-Tribromophenol    | 10.62 | 330  | 180682   | 78.46 | ng    | 0.00      |
| 44) 2-Fluorobiphenyl        | 9.15  | 172  | 1219036  | 86.75 | ng    | 0.00      |
| 78) Terphenyl-d14           | 12.91 | 244  | 963813   | 92.67 | ng    | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 49) Dimethylphthalate       | 9.55  | 163  | 43706    | 2.497 | ng    | Qvalue 99 |

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

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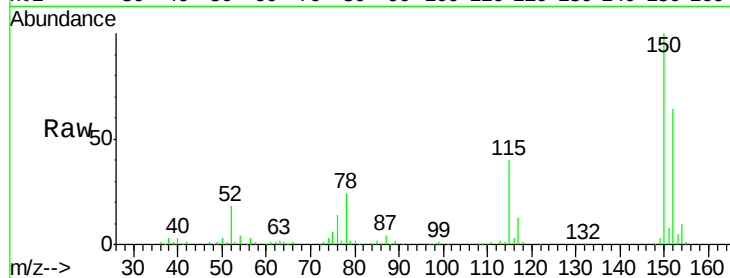


#1

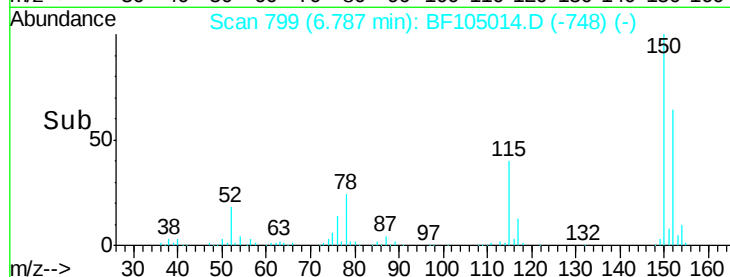
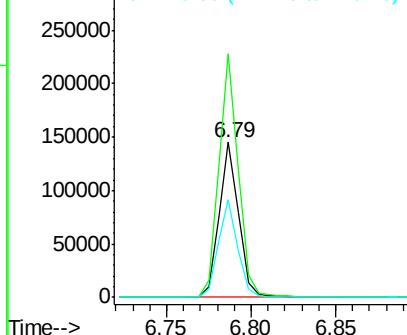
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.79 min Scan# 799  
 Delta R.T. 0.00 min  
 Lab File: BF105014.D  
 Acq: 2 May 2018 6:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 042718-JETB-E-D-M

Tgt Ion:152 Resp: 117448  
 Ion Ratio Lower Upper  
 152 100  
 150 156.9 124.6 186.8  
 115 62.7 50.1 75.1



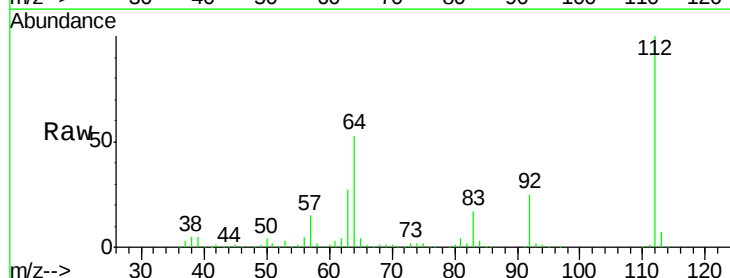
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



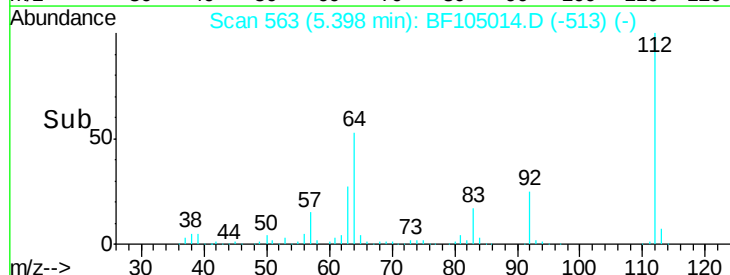
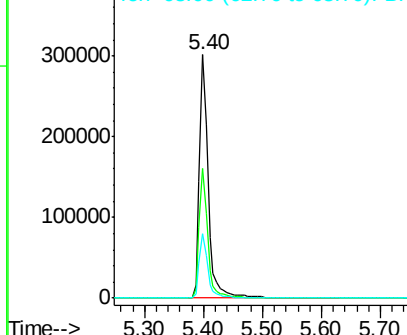
#5

2-Fluorophenol  
 Concen: 40.357 ng  
 RT: 5.40 min Scan# 563  
 Delta R.T. -0.01 min  
 Lab File: BF105014.D  
 Acq: 2 May 2018 6:27

Tgt Ion:112 Resp: 309989  
 Ion Ratio Lower Upper  
 112 100  
 64 53.4 47.9 71.9  
 63 26.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E  
 Ion 64.00 (63.70 to 64.70): BF1  
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 25.070 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF105014.D

Acq: 2 May 2018 6:27

Instrument :

BNA\_F

ClientSampleId :

042718-JETB-E-D-M

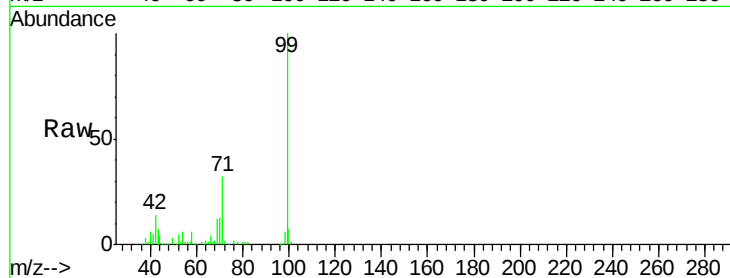
Tgt Ion: 99 Resp: 236596

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

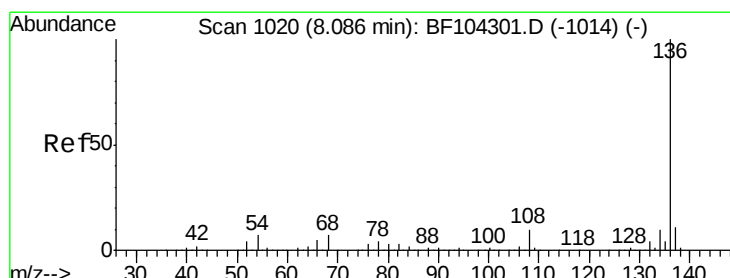
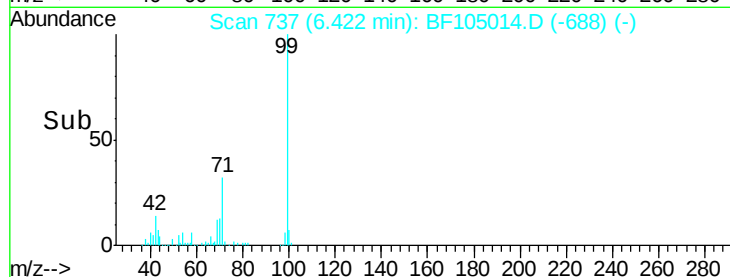
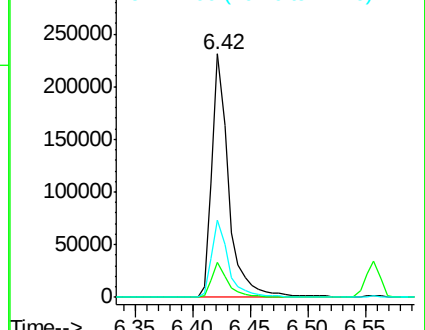
71 31.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF105014.D

Acq: 2 May 2018 6:27

Tgt Ion: 136 Resp: 495458

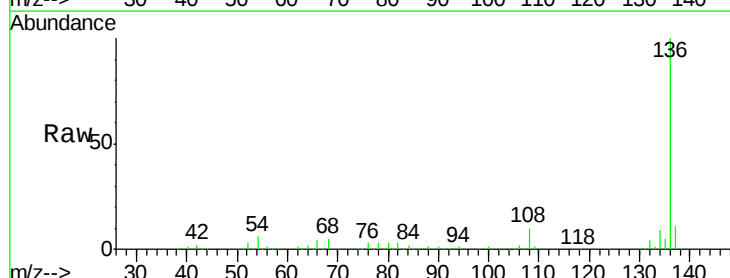
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 5.7 6.6 9.8#

68 5.4 5.0 7.4

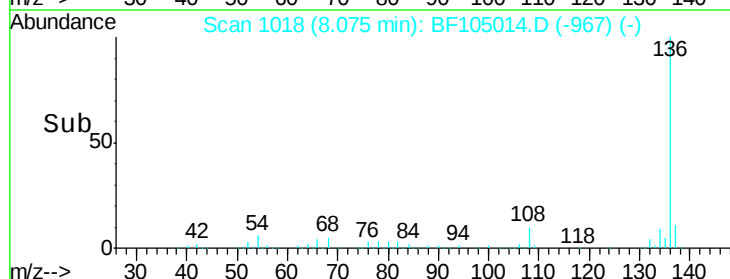
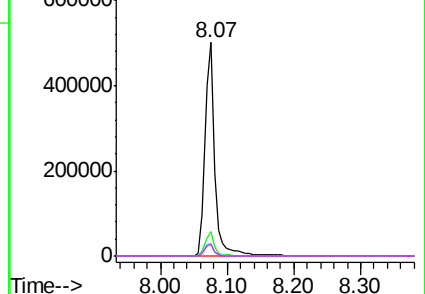


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

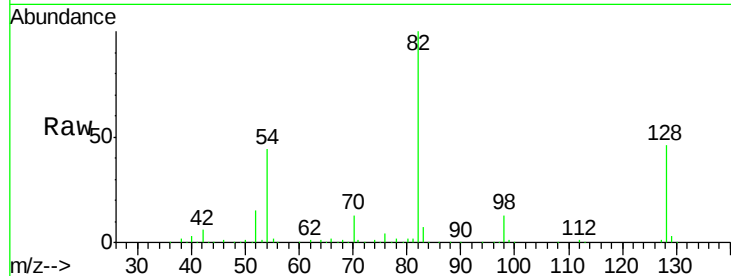




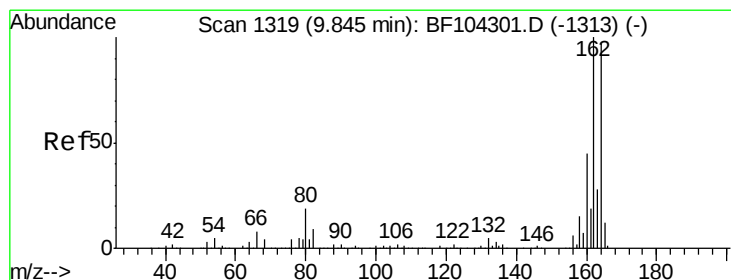
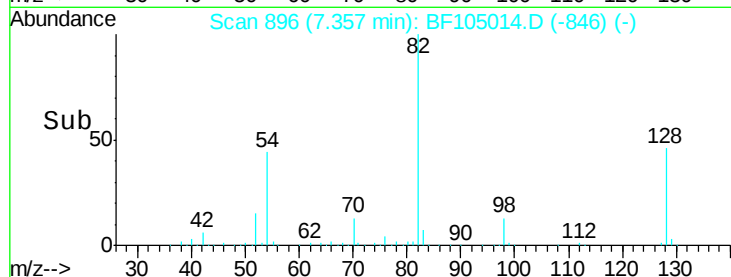
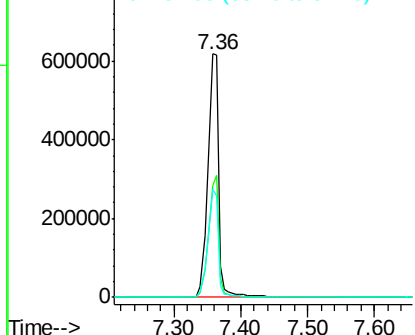
#23  
 Nitrobenzene-d5  
 Concen: 92.869 ng  
 RT: 7.36 min Scan# 896  
 Delta R.T. -0.01 min  
 Lab File: BF105014.D  
 Acq: 2 May 2018 6:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 042718-JETB-E-D-M

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.1  | 36.1  | 54.1  |
| 54      | 44.4  | 41.4  | 62.2  |

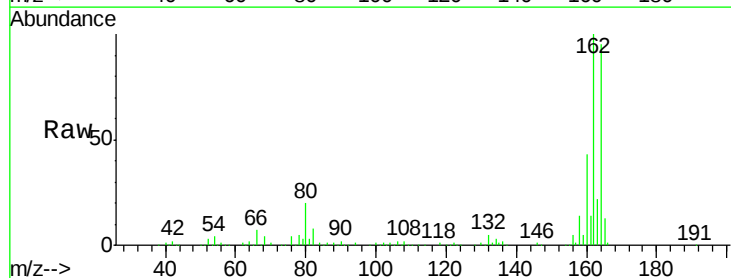


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

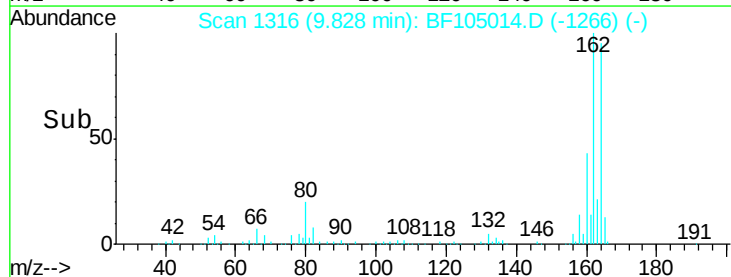
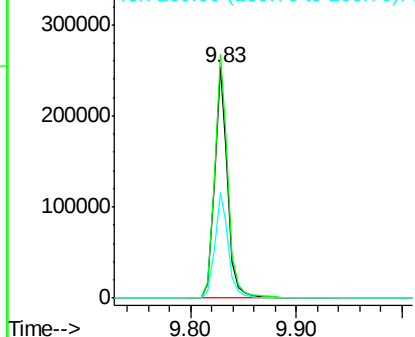


#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.83 min Scan# 1316  
 Delta R.T. -0.01 min  
 Lab File: BF105014.D  
 Acq: 2 May 2018 6:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.6 | 86.1  | 129.1 |
| 160     | 45.8  | 38.3  | 57.5  |



Abundance Ion 164.00 (163.70 to 164.70): BF1  
 Ion 162.00 (161.70 to 162.70): BF1  
 Ion 160.00 (159.70 to 160.70): BF1

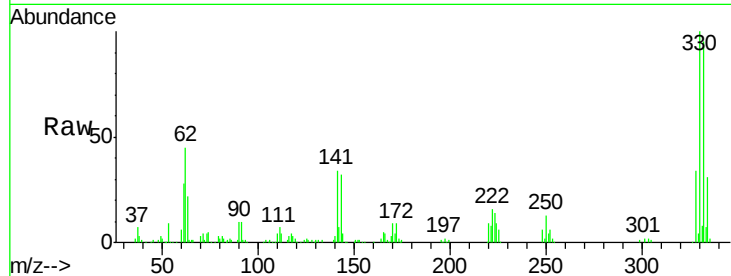




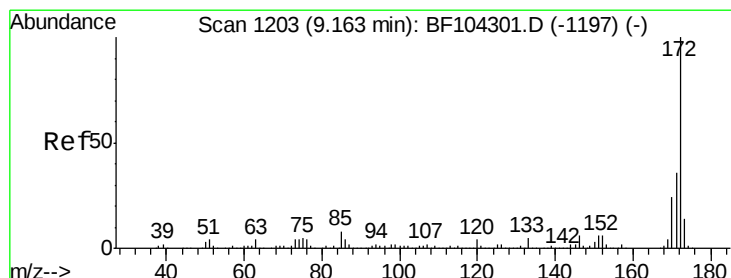
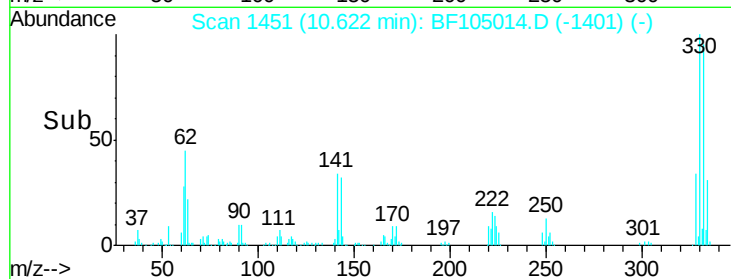
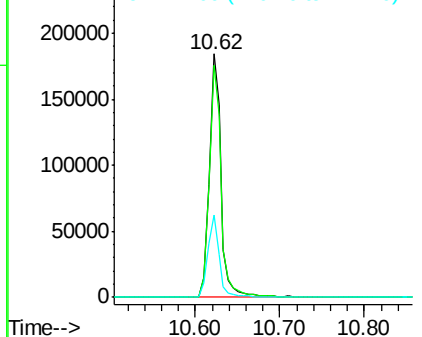
#41  
 2,4,6-Tribromophenol  
 Concen: 78.465 ng  
 RT: 10.62 min Scan# 1451  
 Delta R.T. -0.01 min  
 Lab File: BF105014.D  
 Acq: 2 May 2018 6:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 042718-JETB-E-D-M

Tgt Ion:330 Resp: 180682  
 Ion Ratio Lower Upper  
 330 100  
 332 97.0 77.0 115.6  
 141 32.6 29.9 44.9

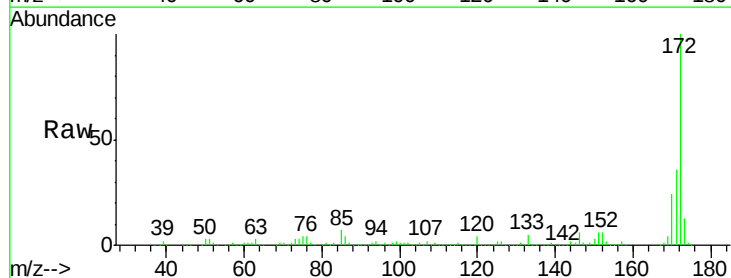


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

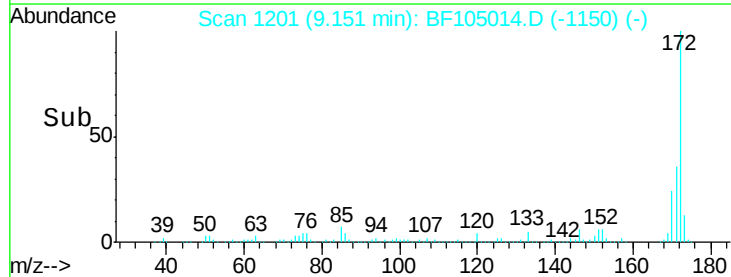
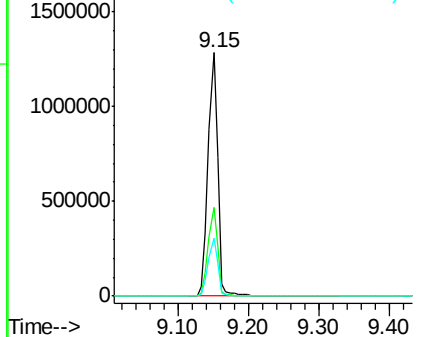


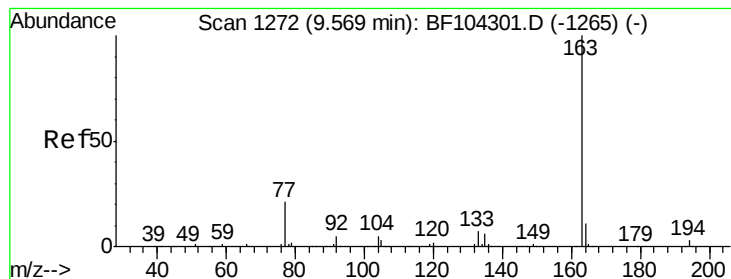
#44  
 2-Fluorobiphenyl  
 Concen: 86.752 ng  
 RT: 9.15 min Scan# 1201  
 Delta R.T. 0.00 min  
 Lab File: BF105014.D  
 Acq: 2 May 2018 6:27

Tgt Ion:172 Resp: 1219036  
 Ion Ratio Lower Upper  
 172 100  
 171 36.4 29.7 44.5  
 170 24.0 19.6 29.4



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: 2.497 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF105014.D

Acq: 2 May 2018 6:27

Instrument :

BNA\_F

ClientSampleId :

042718-JETB-E-D-M

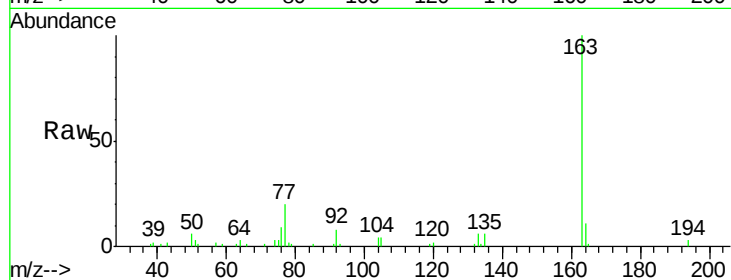
Tgt Ion:163 Resp: 43706

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

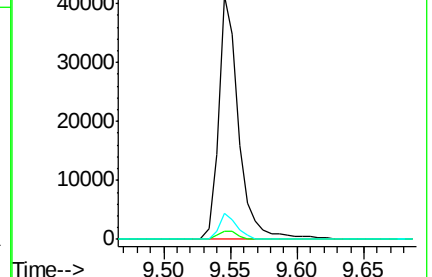
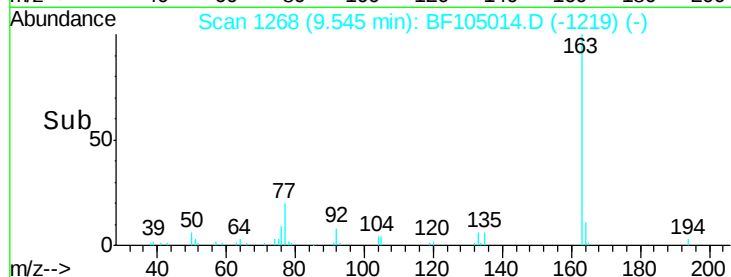
164 10.5 8.2 12.2



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: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF105014.D

Acq: 2 May 2018 6:27

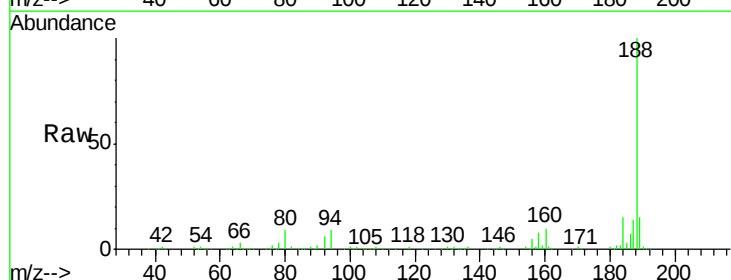
Tgt Ion:188 Resp: 359660

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

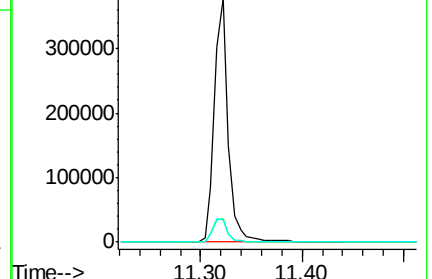
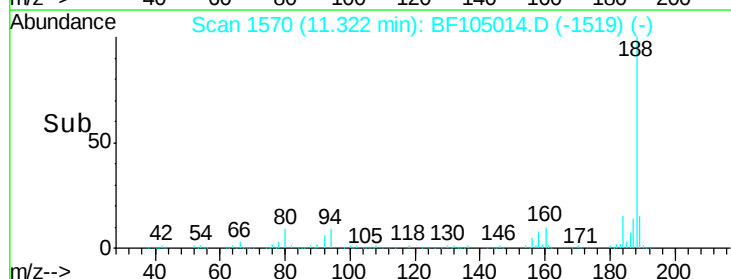
80 9.3 9.2 13.8

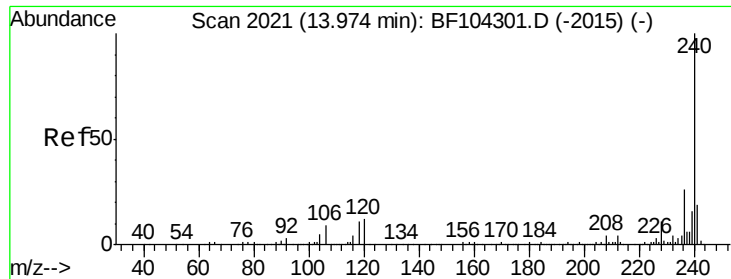


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

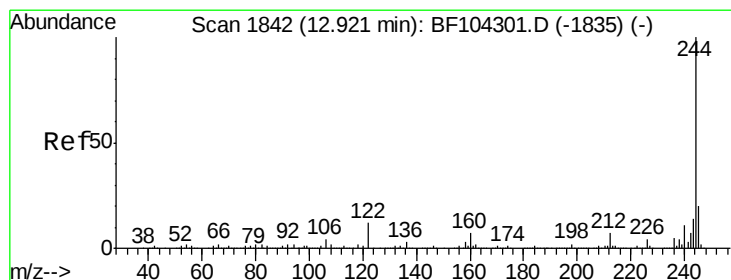
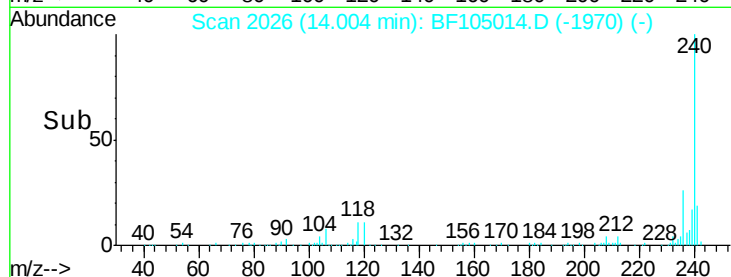
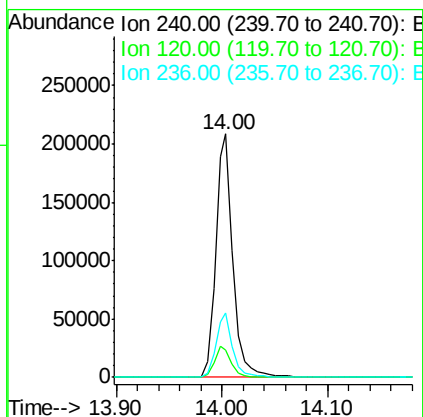
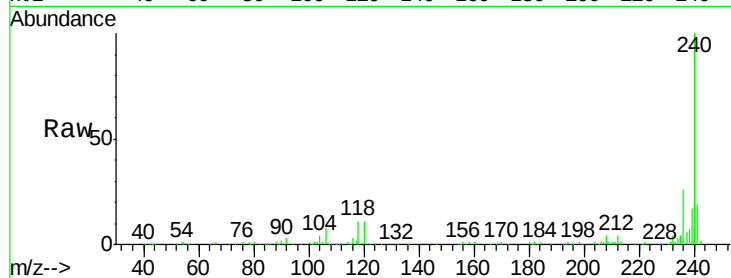




#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.00 min Scan# 2026  
Delta R.T. 0.03 min  
Lab File: BF105014.D  
Acq: 2 May 2018 6:27

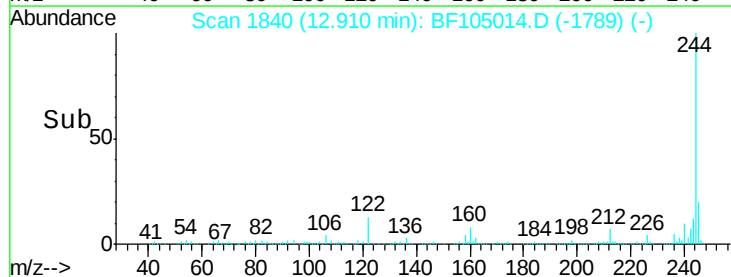
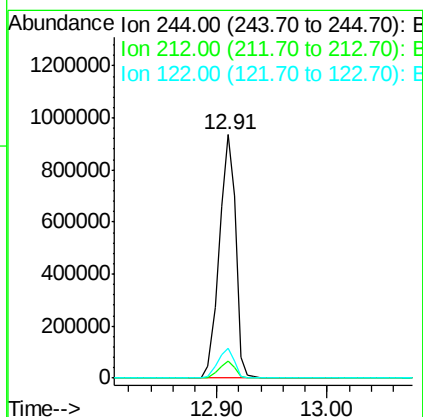
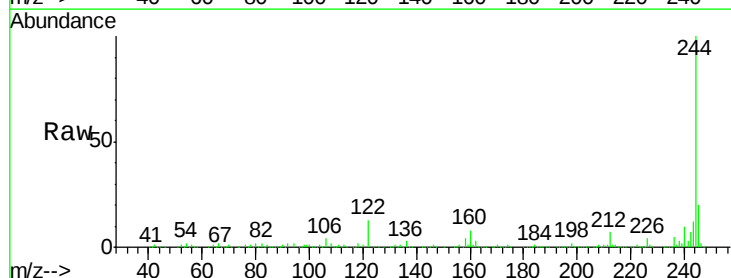
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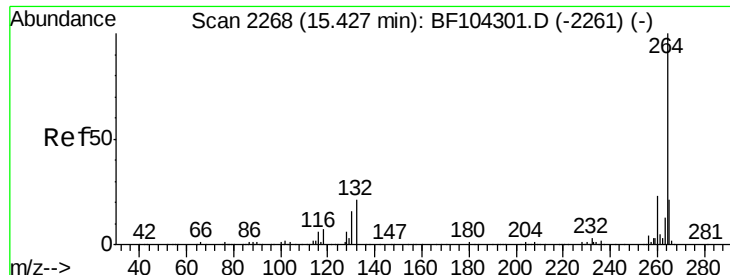
Tgt Ion:240 Resp: 237117  
Ion Ratio Lower Upper  
240 100  
120 11.4 9.5 14.3  
236 26.4 20.7 31.1



#78  
Terphenyl-d14  
Concen: 92.669 ng  
RT: 12.91 min Scan# 1840  
Delta R.T. 0.00 min  
Lab File: BF105014.D  
Acq: 2 May 2018 6:27

Tgt Ion:244 Resp: 963813  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.4 8.0  
122 12.5 11.0 16.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.11 min

Lab File: BF105014.D

Acq: 2 May 2018 6:27

Instrument :

BNA\_F

ClientSampleId :

042718-JETB-E-D-M

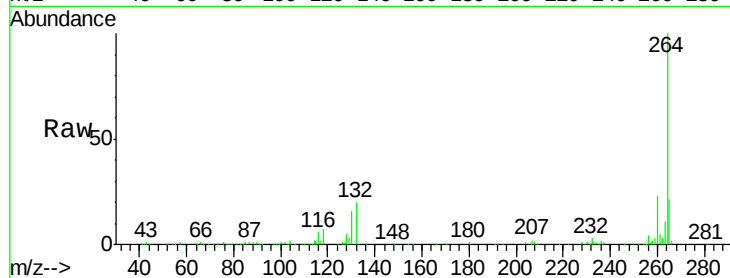
Tgt Ion:264 Resp: 218141

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

