

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\  
 Data File : BM016622.D  
 Acq On : 28 Aug 2018 01:40  
 Operator : SJ/JU  
 Sample : J4660-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 082318-DBRI-F-U-B

Quant Time: Aug 28 04:18:49 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 27 13:01:22 2018  
 Response via : Initial Calibration

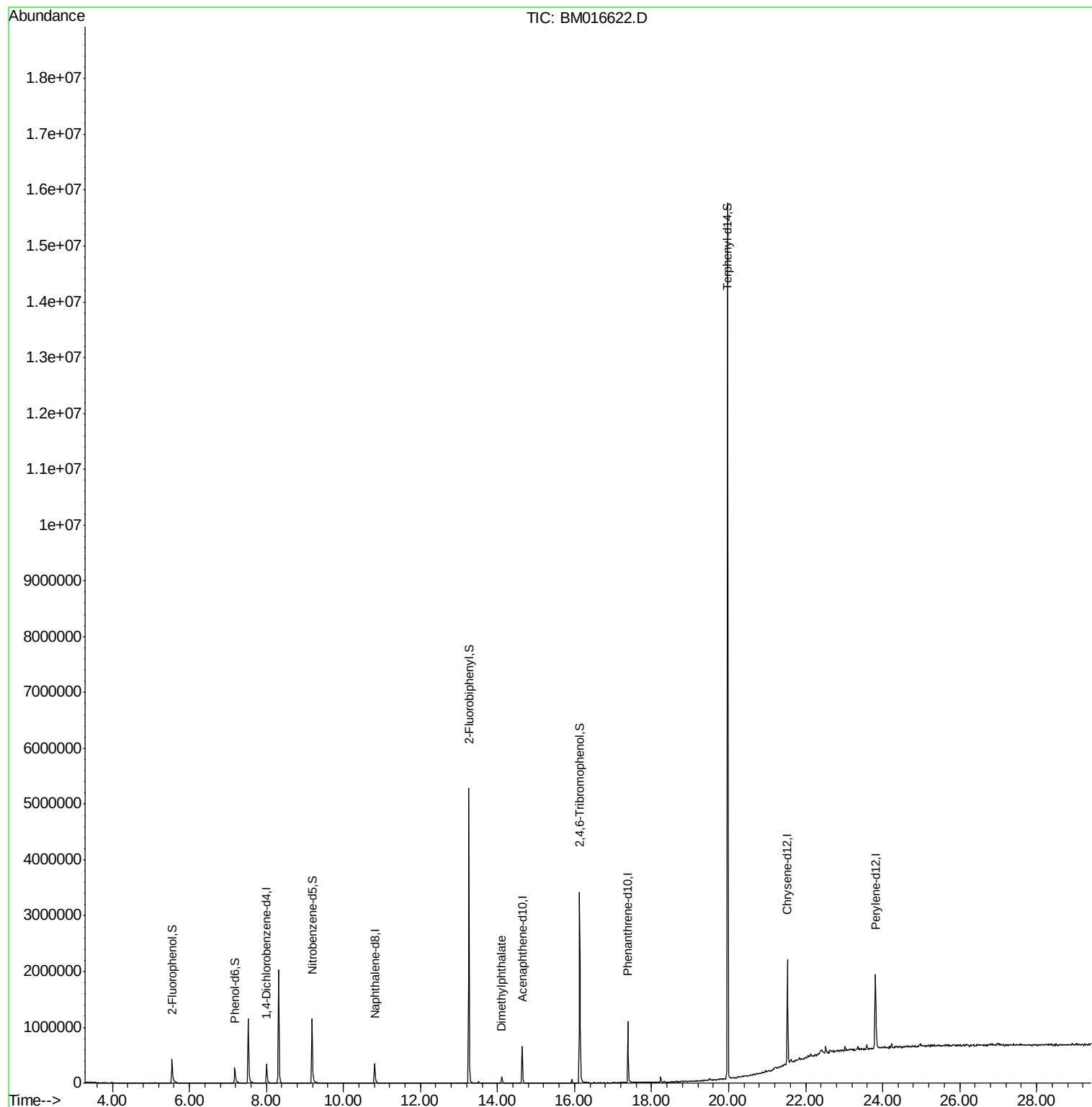
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.00  | 152  | 77724    | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 10.81 | 136  | 250328   | 20.00  | ng    | 0.00           |
| 38) Acenaphthene-d10        | 14.64 | 164  | 191065   | 20.00  | ng    | 0.00           |
| 63) Phenanthrene-d10        | 17.39 | 188  | 623631   | 20.00  | ng    | 0.00           |
| 75) Chrysene-d12            | 21.53 | 240  | 916366   | 20.00  | ng    | 0.00           |
| 86) Perylene-d12            | 23.81 | 264  | 1048926  | 20.00  | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.55  | 112  | 169077   | 42.63  | ng    | 0.00           |
| 7) Phenol-d6                | 7.18  | 99   | 128602   | 24.50  | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 9.19  | 82   | 659159   | 120.23 | ng    | 0.00           |
| 41) 2,4,6-Tribromophenol    | 16.14 | 330  | 588716   | 110.22 | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 13.26 | 172  | 2242816  | 112.83 | ng    | 0.00           |
| 78) Terphenyl-d14           | 19.97 | 244  | 5831770  | 134.70 | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 14.11 | 163  | 80290    | 4.374  | ng    | Qvalue<br># 99 |

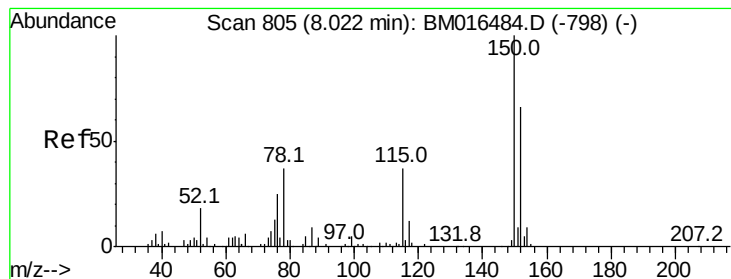
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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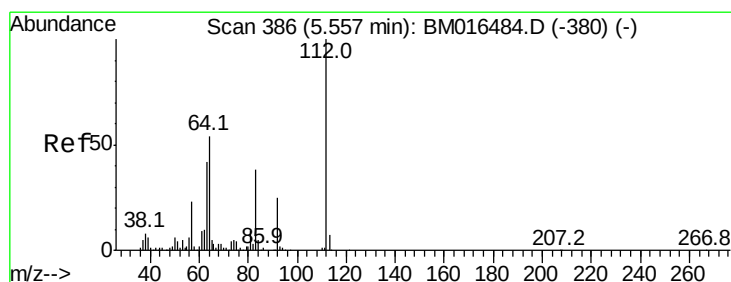
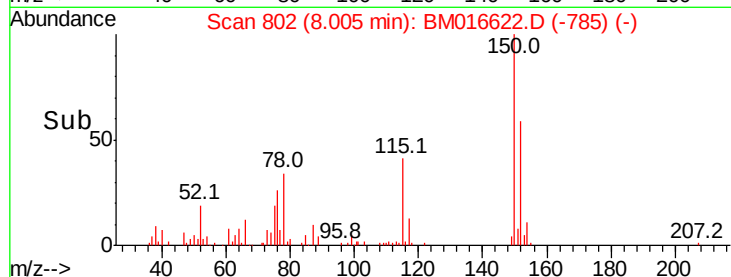
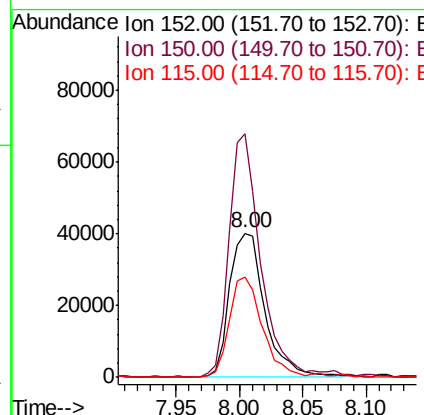
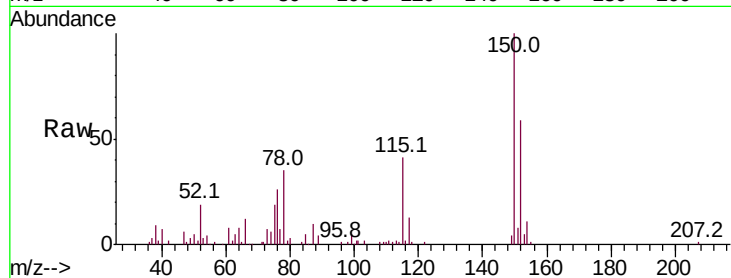




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.00 min Scan# 802  
 Delta R.T. 0.00 min  
 Lab File: BM016622.D  
 Acq: 28 Aug 2018 01:40

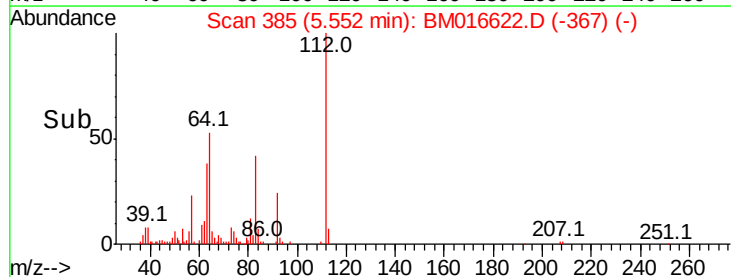
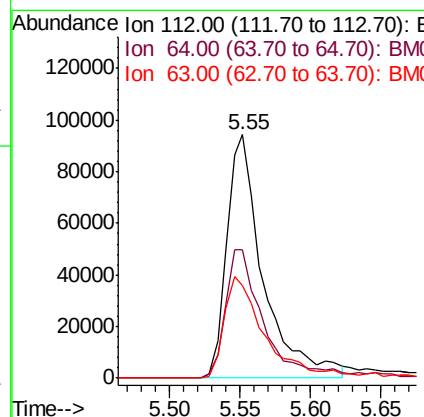
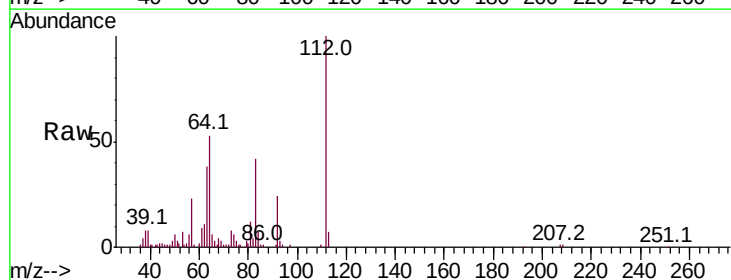
Instrument :  
 BNA\_M  
 ClientSampleId :  
 082318-DBRI-F-U-B

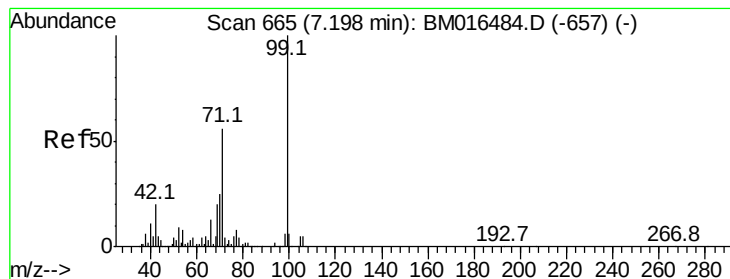
Tot Ion:152 Resp: 77724  
 Ion Ratio Lower Upper  
 152 100  
 150 168.9 119.5 179.3  
 115 69.1 43.0 64.4#



#5  
 2-Fluorophenol  
 Concen: 42.628 ng  
 RT: 5.55 min Scan# 385  
 Delta R.T. 0.01 min  
 Lab File: BM016622.D  
 Acq: 28 Aug 2018 01:40

Tgt Ion:112 Resp: 169077  
 Ion Ratio Lower Upper  
 112 100  
 64 52.9 38.6 57.8  
 63 37.9 19.3 28.9#





#7

Phenol-d6

Concen: 24.502 ng

RT: 7.18 min Scan# 662

Delta R.T. 0.00 min

Lab File: BM016622.D

Acq: 28 Aug 2018 01:40

Instrument :

BNA\_M

ClientSampleId :

082318-DBRI-F-U-B

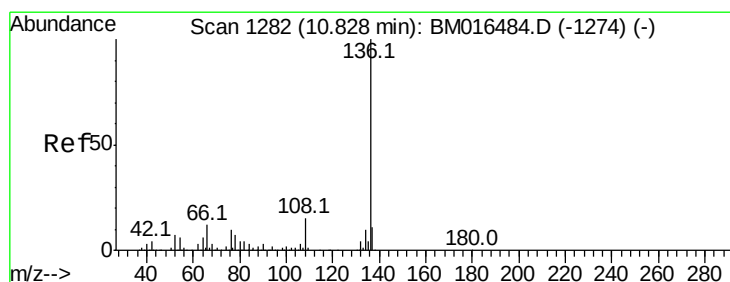
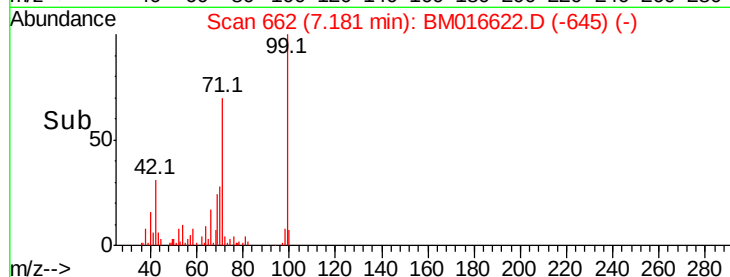
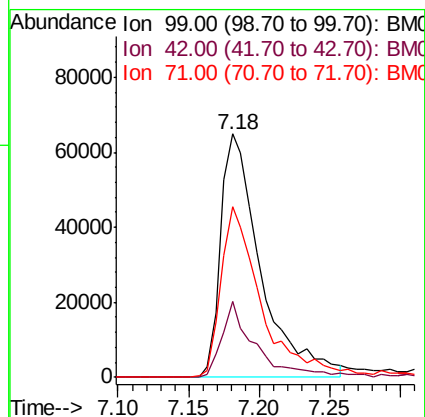
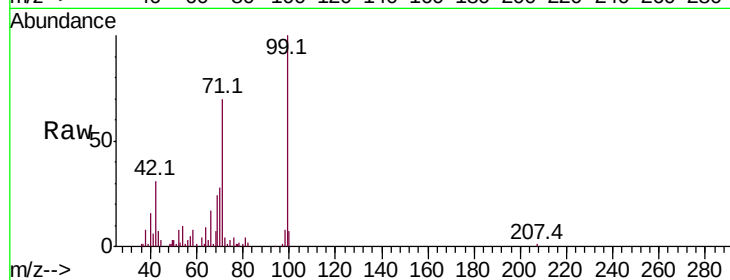
Tot Ion: 99 Resp: 128602

Ion Ratio Lower Upper

99 100

42 30.9 11.0 16.4#

71 70.2 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BM016622.D

Acq: 28 Aug 2018 01:40

Tgt Ion: 136 Resp: 250328

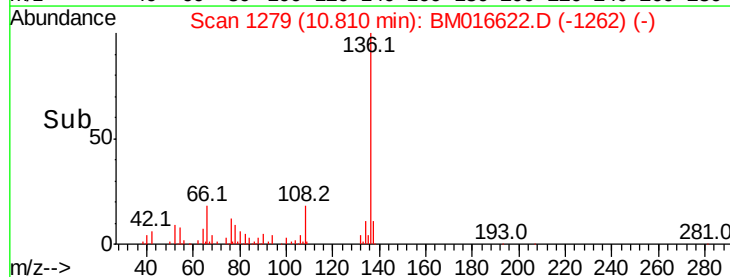
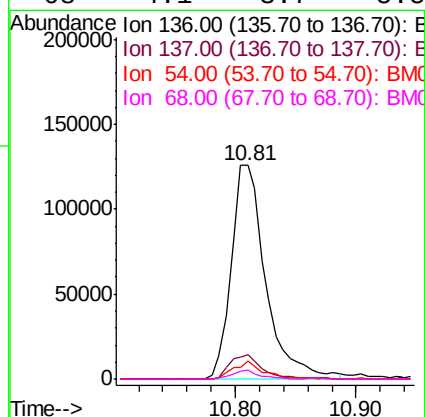
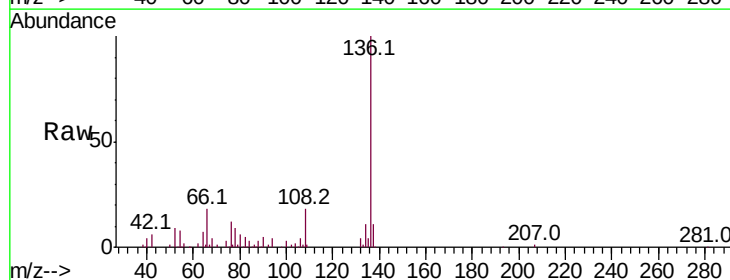
Ion Ratio Lower Upper

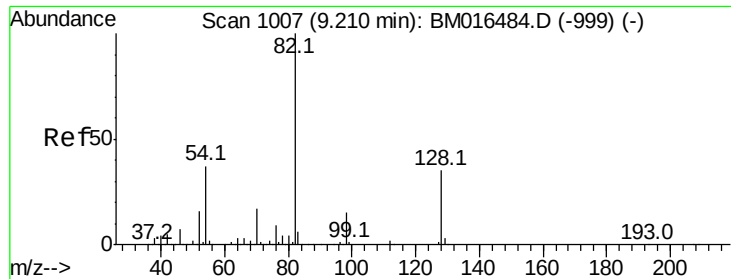
136 100

137 11.2 8.7 13.1

54 8.3 4.6 6.8#

68 4.1 3.7 5.5

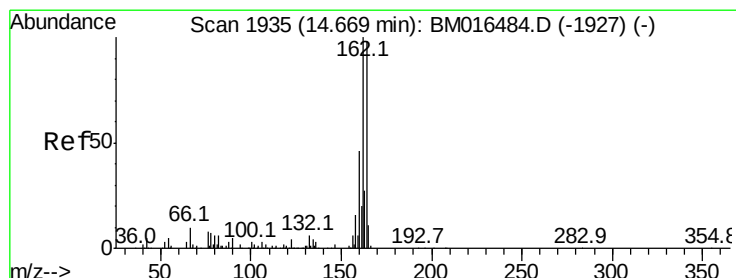
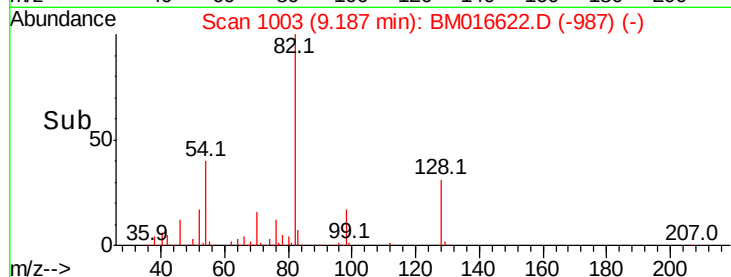
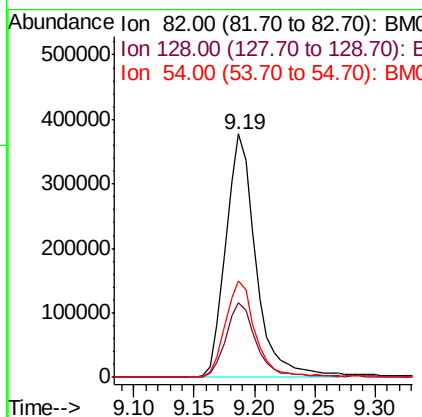
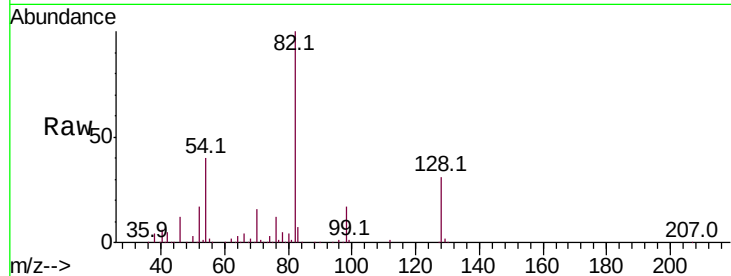




#23  
Nitrobenzene-d5  
Concen: 120.228 ng  
RT: 9.19 min Scan# 1003  
Delta R.T. -0.01 min  
Lab File: BM016622.D  
Acq: 28 Aug 2018 01:40

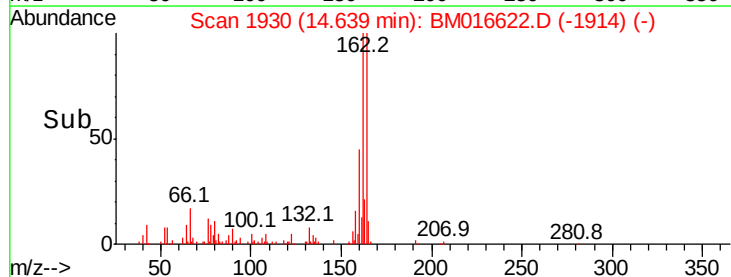
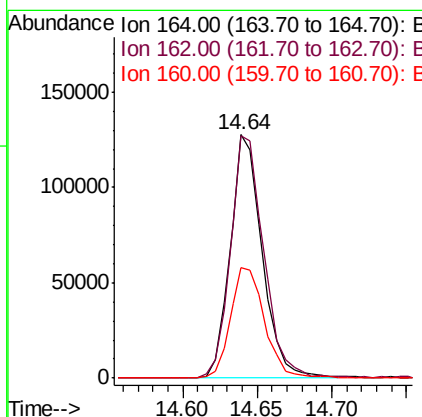
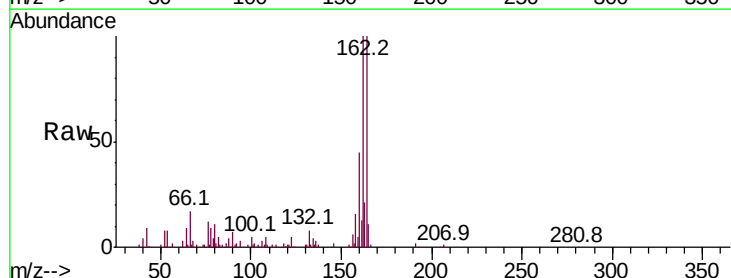
Instrument :  
BNA\_M  
ClientSampleId :  
082318-DBRI-F-U-B

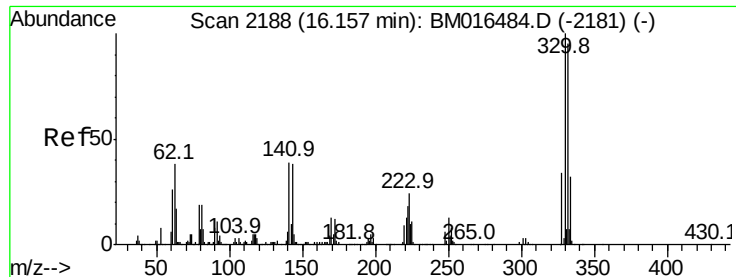
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 30.8  | 32.8  | 49.2# |
| 54      | 39.6  | 40.6  | 60.8# |



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.64 min Scan# 1930  
Delta R.T. -0.01 min  
Lab File: BM016622.D  
Acq: 28 Aug 2018 01:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 99.6  | 82.4  | 123.6 |
| 160     | 45.4  | 35.8  | 53.6  |

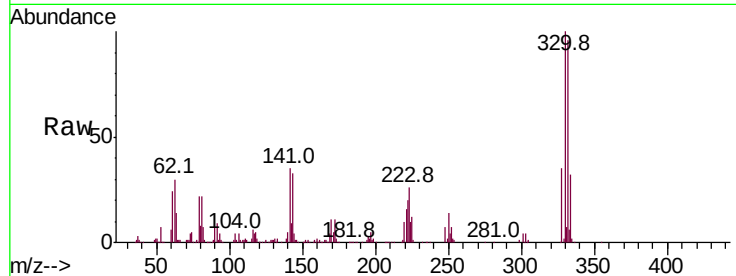




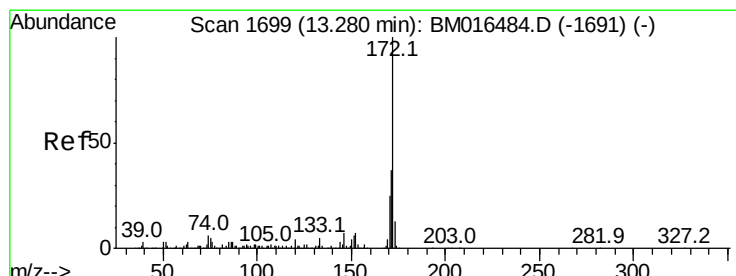
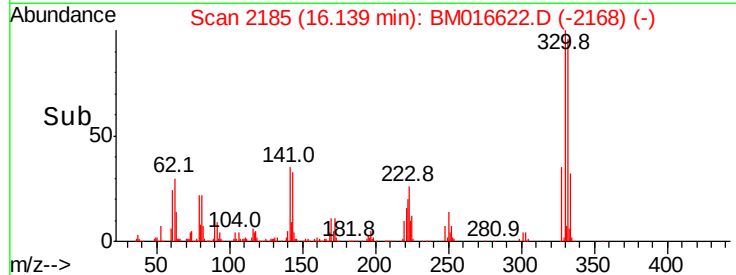
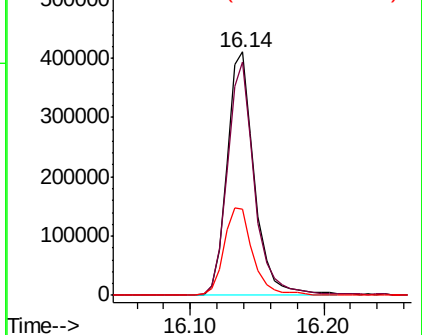
#41  
 2,4,6-Tribromophenol  
 Concen: 110.224 ng  
 RT: 16.14 min Scan# 2185  
 Delta R.T. 0.00 min  
 Lab File: BM016622.D  
 Acq: 28 Aug 2018 01:40

Instrument :  
 BNA\_M  
 ClientSampleId :  
 082318-DBRI-F-U-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.9  | 0.0   | 0.0#  |
| 141     | 38.2  | 0.0   | 0.0#  |

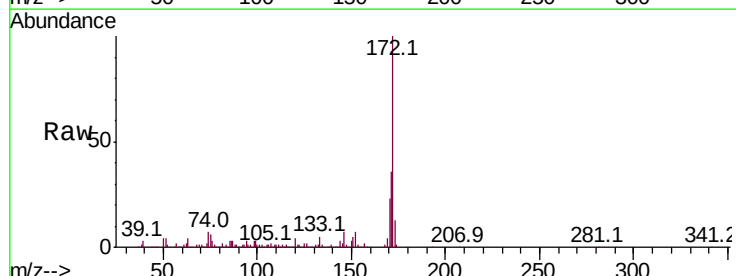


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

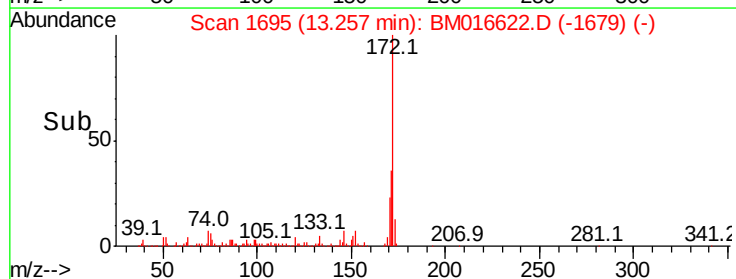
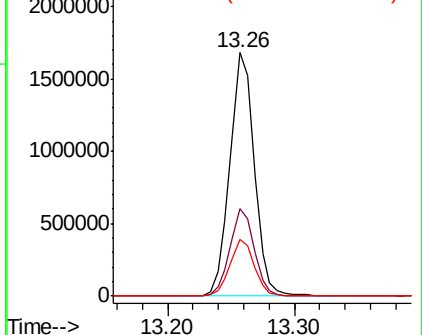


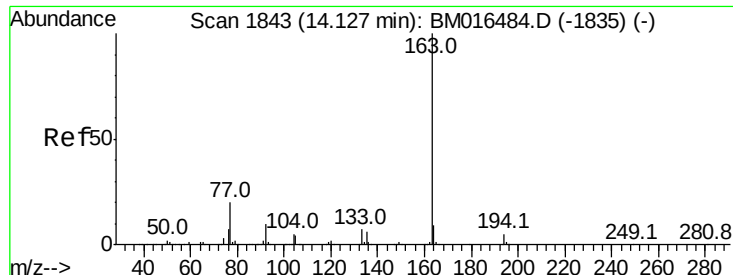
#44  
 2-Fluorobiphenyl  
 Concen: 112.833 ng  
 RT: 13.26 min Scan# 1695  
 Delta R.T. -0.01 min  
 Lab File: BM016622.D  
 Acq: 28 Aug 2018 01:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.7  | 28.5  | 42.7  |
| 170     | 23.2  | 18.8  | 28.2  |



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: 4.374 ng

RT: 14.11 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BM016622.D

Acq: 28 Aug 2018 01:40

Instrument :

BNA\_M

ClientSampleId :

082318-DBRI-F-U-B

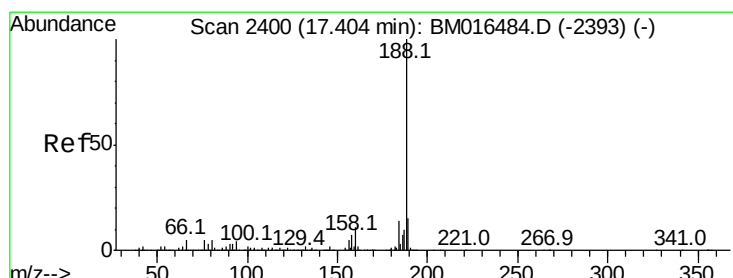
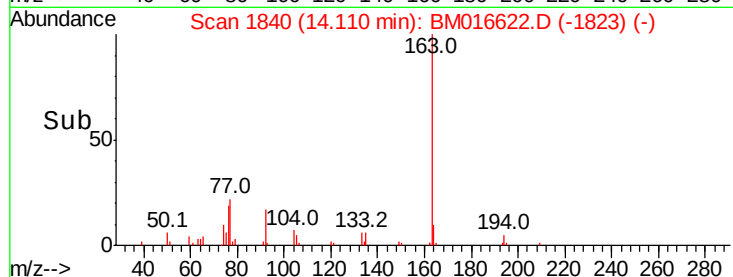
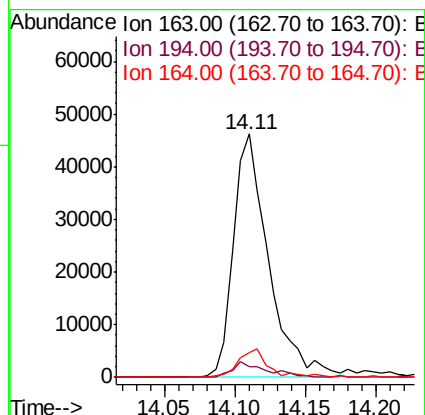
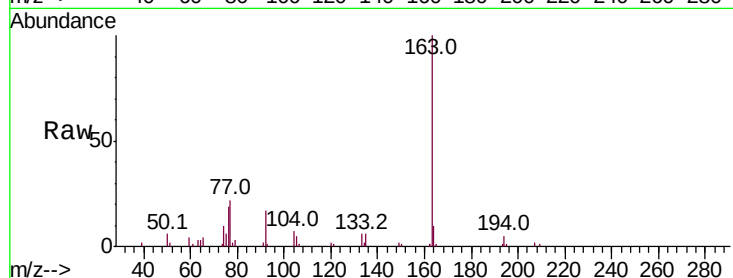
Tot Ion:163 Resp: 80290

Ion Ratio Lower Upper

163 100

194 4.6 2.7 4.1#

164 10.3 8.2 12.2



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BM016622.D

Acq: 28 Aug 2018 01:40

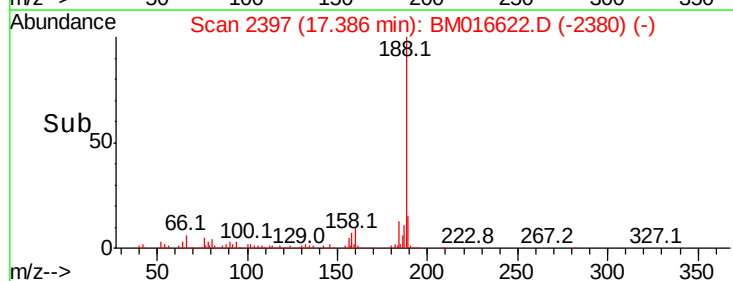
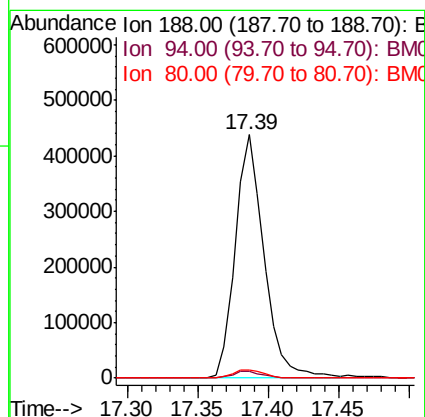
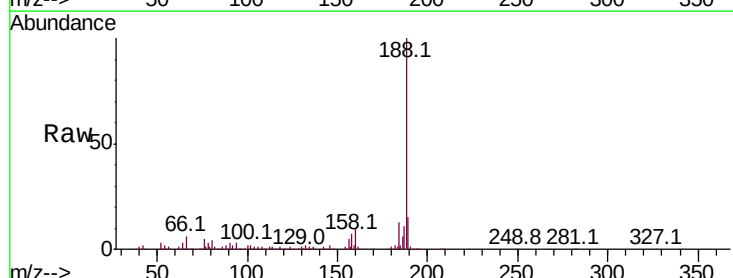
Tgt Ion:188 Resp: 623631

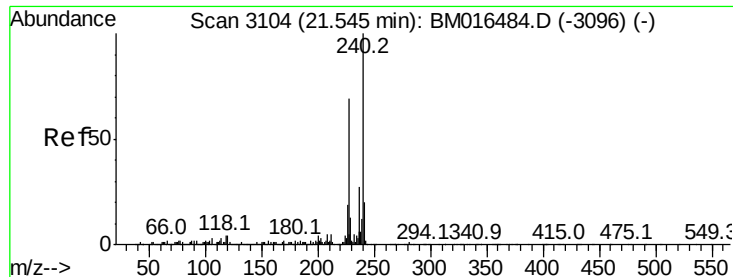
Ion Ratio Lower Upper

188 100

94 2.9 8.7 13.1#

80 3.5 9.3 13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM016622.D

Acq: 28 Aug 2018 01:40

Instrument :

BNA\_M

ClientSampleId :

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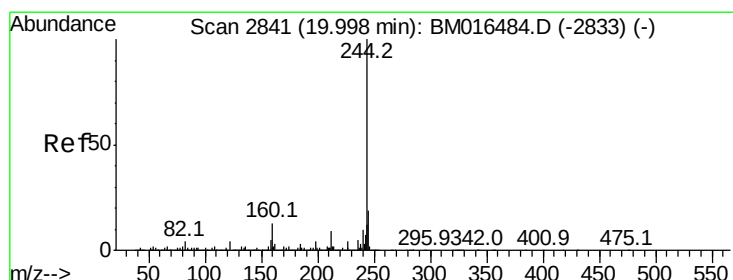
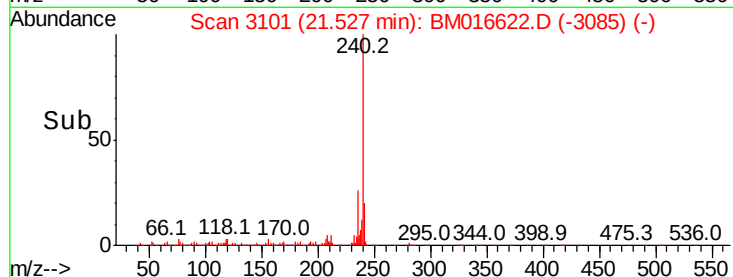
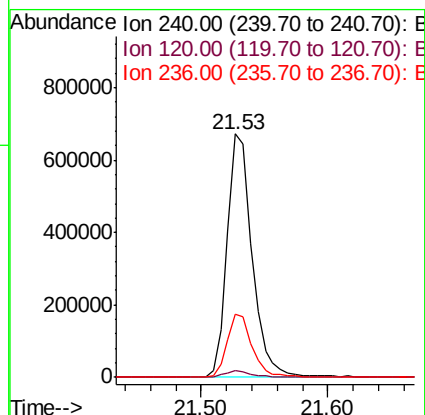
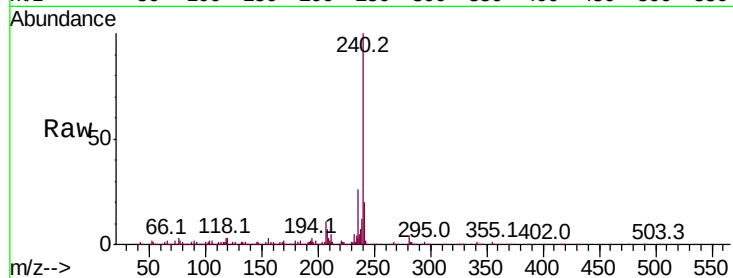
Tot Ion:240 Resp: 916366

Ion Ratio Lower Upper

240 100

120 3.0 8.2 12.2#

236 25.7 20.0 30.0



#78

Terphenyl-d14

Concen: 134.699 ng

RT: 19.97 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BM016622.D

Acq: 28 Aug 2018 01:40

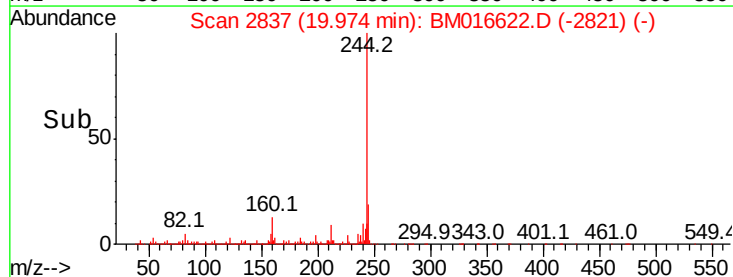
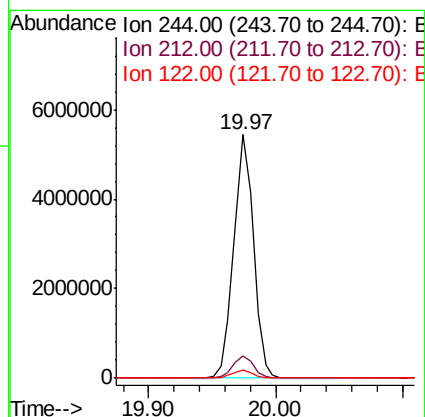
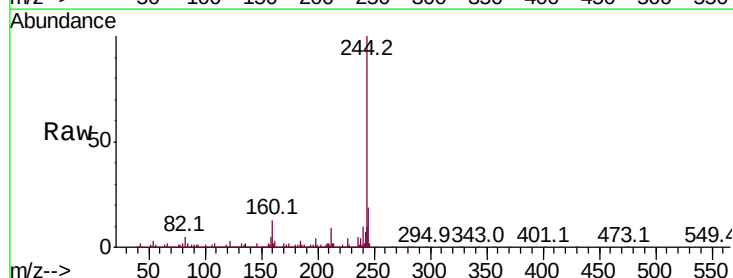
Tgt Ion:244 Resp: 5831770

Ion Ratio Lower Upper

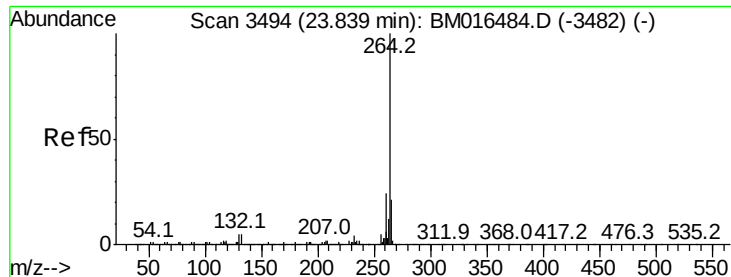
244 100

212 9.3 4.9 7.3#

122 3.3 6.2 9.4#







#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 23.81 min Scan# 3489  
 Delta R.T. -0.01 min  
 Lab File: BM016622.D  
 Acq: 28 Aug 2018 01:40

Instrument :  
 BNA\_M  
 ClientSampleId :  
 082318-DBRI-F-U-B

Tot Ion: 264 Resp: 1048926

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 26.0  | 18.6  | 27.8  |
| 265 | 22.9  | 17.3  | 25.9  |

