

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\  
 Data File : BM016533.D  
 Acq On : 22 Aug 2018 23:59  
 Operator : SJ/JU  
 Sample : J4525-04  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 081518-DBRI-E-U-S

Quant Time: Aug 23 03:56:32 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 21 16:31:22 2018  
 Response via : Initial Calibration

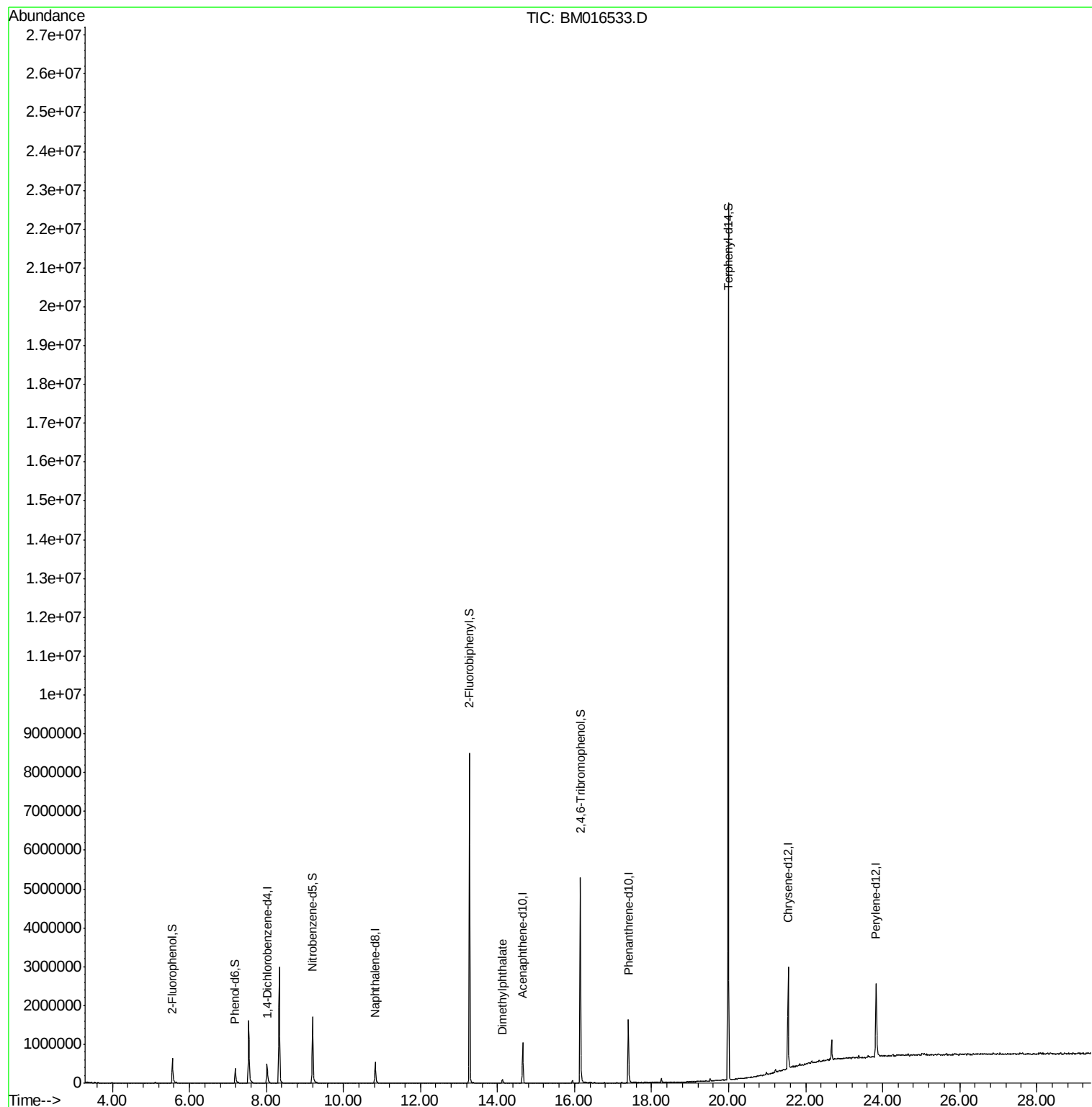
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.02  | 152  | 114975   | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 10.82 | 136  | 365508   | 20.00  | ng    | 0.00           |
| 38) Acenaphthene-d10        | 14.66 | 164  | 289170   | 20.00  | ng    | -0.01          |
| 63) Phenanthrene-d10        | 17.40 | 188  | 960742   | 20.00  | ng    | 0.00           |
| 75) Chrysene-d12            | 21.54 | 240  | 1296659  | 20.00  | ng    | 0.00           |
| 86) Perylene-d12            | 23.83 | 264  | 1484779  | 20.00  | ng    | -0.01          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.56  | 112  | 237859   | 40.54  | ng    | 0.00           |
| 7) Phenol-d6                | 7.19  | 99   | 171636   | 22.11  | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 9.20  | 82   | 988774   | 123.52 | ng    | -0.01          |
| 41) 2,4,6-Tribromophenol    | 16.15 | 330  | 894118   | 110.61 | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 13.27 | 172  | 3696568  | 122.88 | ng    | 0.00           |
| 78) Terphenyl-d14           | 19.99 | 244  | 8698958  | 142.00 | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 14.13 | 163  | 64151    | 2.309  | ng    | Qvalue<br># 93 |

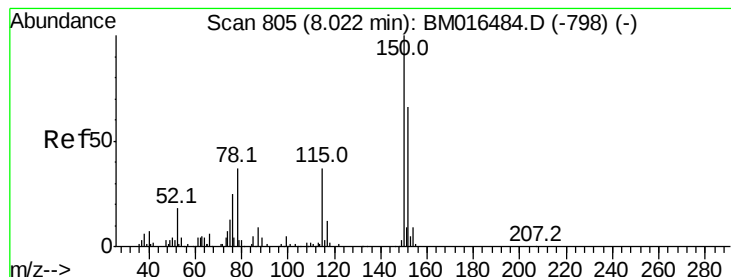
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Response via : Initial Calibration



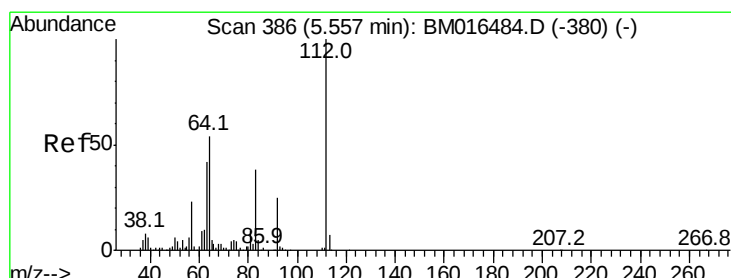
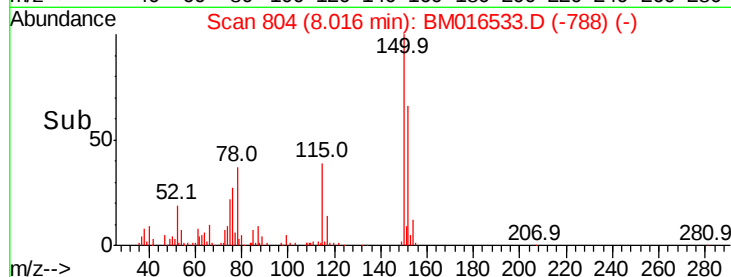
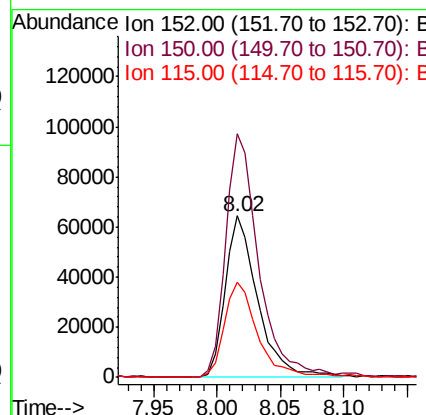
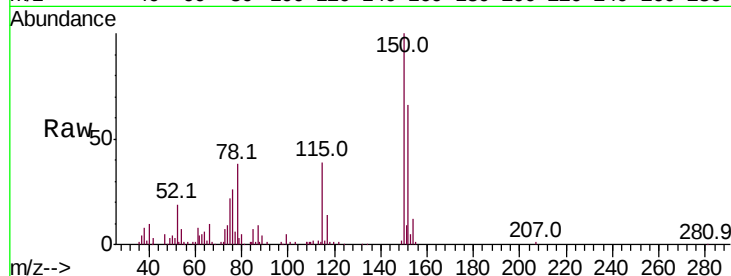


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.02 min Scan# 804  
Delta R.T. -0.01 min  
Lab File: BM016533.D  
Acq: 22 Aug 2018 23:59

Instrument :  
BNA\_M  
ClientSampleId :  
081518-DBRI-E-U-S

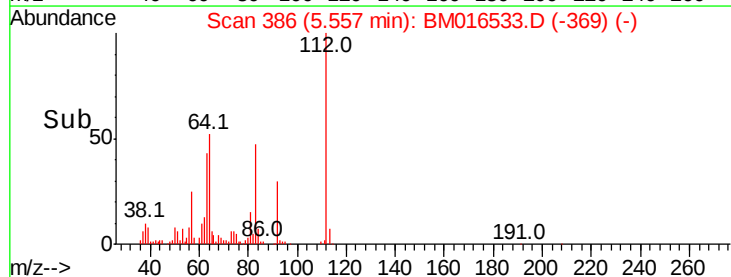
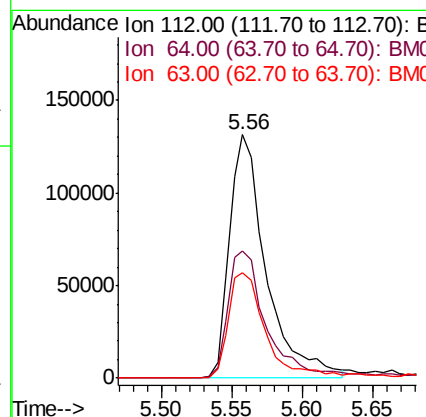
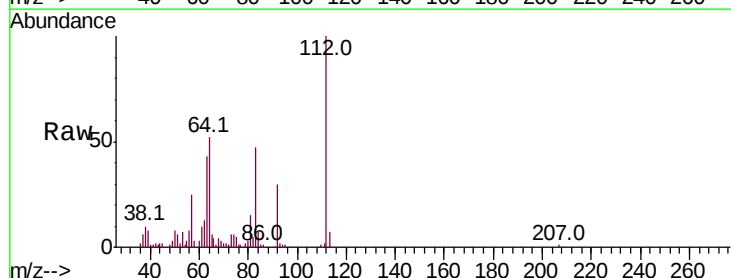
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 151.1 | 119.5 | 179.3 |
| 115     | 59.3  | 43.0  | 64.4  |



#5

2-Fluorophenol  
Concen: 40.540 ng  
RT: 5.56 min Scan# 386  
Delta R.T. 0.00 min  
Lab File: BM016533.D  
Acq: 22 Aug 2018 23:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 52.2  | 38.6  | 57.8  |
| 63      | 43.1  | 19.3  | 28.9  |





#7

Phenol-d6

Concen: 22.106 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM016533.D

Acq: 22 Aug 2018 23:59

Instrument :

BNA\_M

ClientSampleId :

081518-DBRI-E-U-S

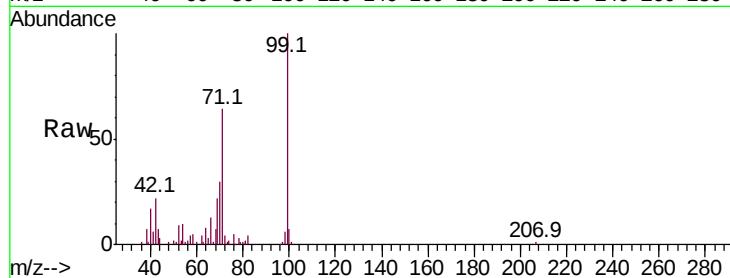
Tot Ion: 99 Resp: 171636

Ion Ratio Lower Upper

99 100

42 22.2 11.0 16.4#

71 64.2 23.4 35.2#

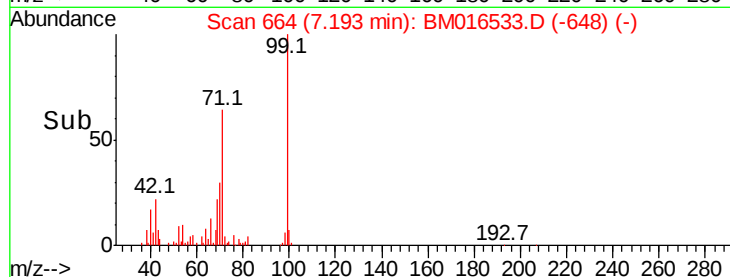


Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)

Time-->

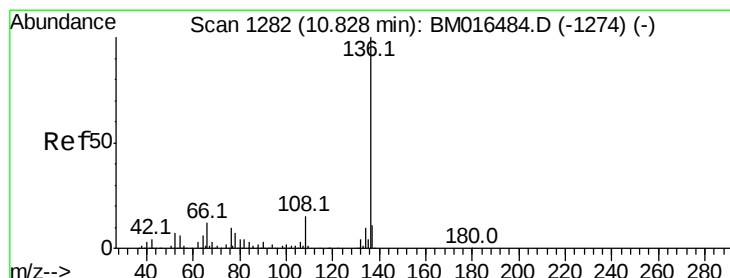


Abundance Ion 99.00 (98.70 to 99.70): BM016533.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM016533.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM016533.D (-648) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BM016533.D

Acq: 22 Aug 2018 23:59

Tgt Ion: 136 Resp: 365508

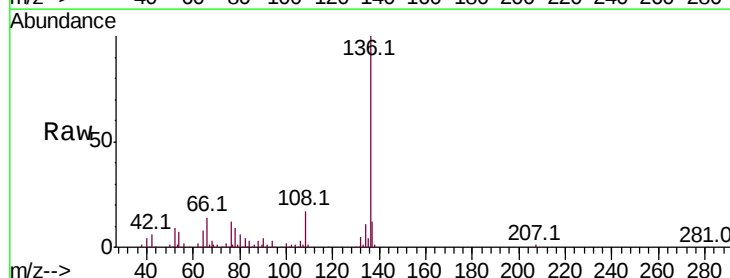
Ion Ratio Lower Upper

136 100

137 12.2 8.7 13.1

54 6.7 4.6 6.8

68 3.5 3.7 5.5#



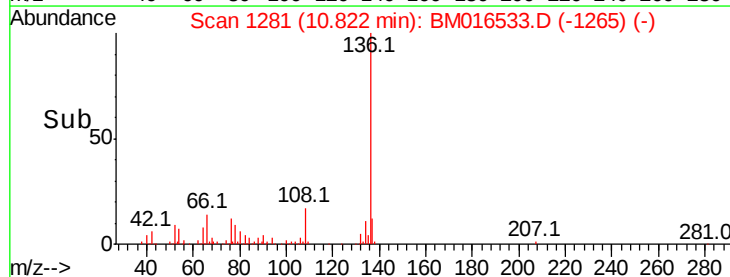
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

Ion 137.00 (136.70 to 137.70): BM016484.D (-1274) (-)

Ion 54.00 (53.70 to 54.70): BM016484.D (-1274) (-)

Ion 68.00 (67.70 to 68.70): BM016484.D (-1274) (-)

Time-->



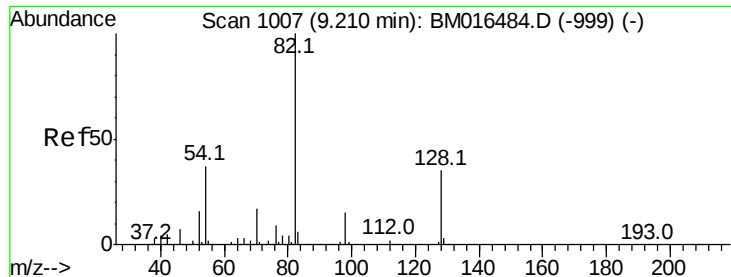
Abundance Ion 136.00 (135.70 to 136.70): BM016533.D (-1265) (-)

Ion 137.00 (136.70 to 137.70): BM016533.D (-1265) (-)

Ion 54.00 (53.70 to 54.70): BM016533.D (-1265) (-)

Ion 68.00 (67.70 to 68.70): BM016533.D (-1265) (-)

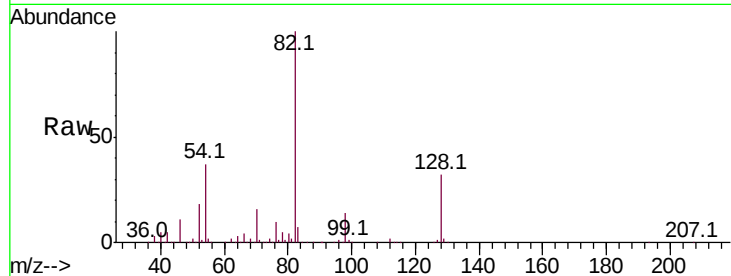
Time-->



#23  
 Nitrobenzene-d5  
 Concen: 123.517 ng  
 RT: 9.20 min Scan# 1005  
 Delta R.T. -0.01 min  
 Lab File: BM016533.D  
 Acq: 22 Aug 2018 23:59

Instrument :  
 BNA\_M  
 ClientSampleId :  
 081518-DBRI-E-U-S

| Tot Ion   | 82    | Resp  | 988774 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 32.0  | 32.8  | 49.2#  |
| 54        | 37.4  | 40.6  | 60.8#  |

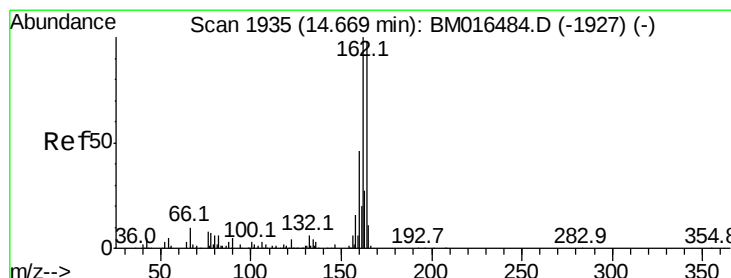
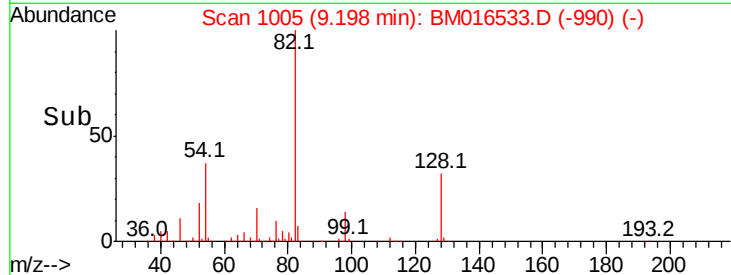
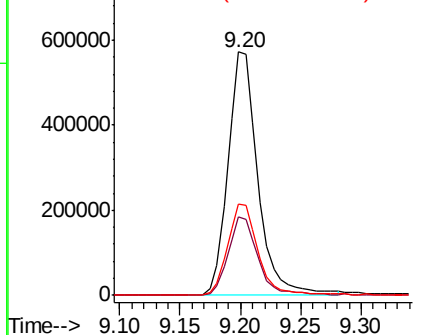


Abundance

Ion 82.00 (81.70 to 82.70): BM016484.D (-999) (-)

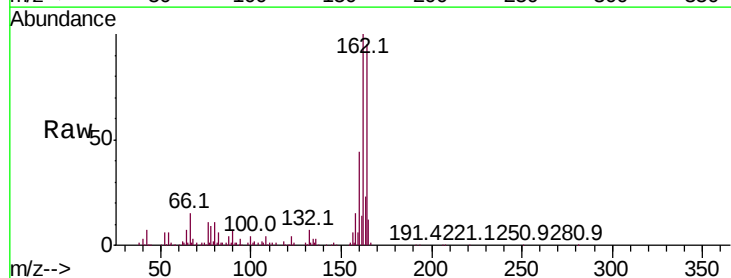
Ion 128.00 (127.70 to 128.70): BM016484.D (-999) (-)

Ion 54.00 (53.70 to 54.70): BM016484.D (-999) (-)



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.66 min Scan# 1933  
 Delta R.T. -0.01 min  
 Lab File: BM016533.D  
 Acq: 22 Aug 2018 23:59

| Tgt Ion   | 164   | Resp  | 289170 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 105.1 | 82.4  | 123.6  |
| 160       | 46.4  | 35.8  | 53.6   |

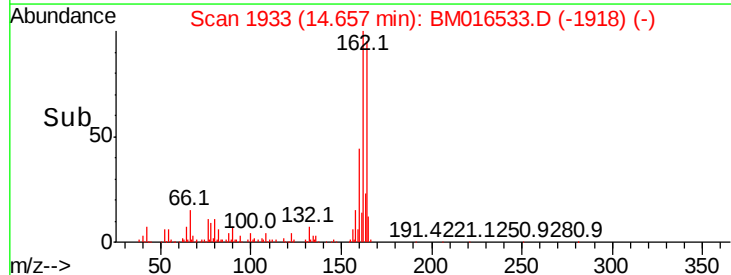
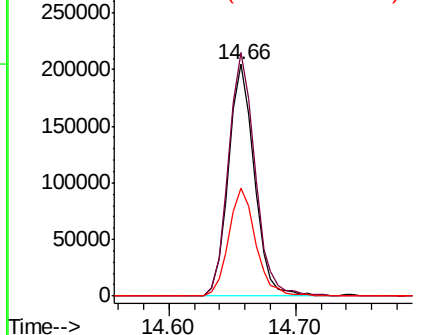


Abundance

Ion 164.00 (163.70 to 164.70): BM016484.D (-1927) (-)

Ion 162.00 (161.70 to 162.70): BM016484.D (-1927) (-)

Ion 160.00 (159.70 to 160.70): BM016484.D (-1927) (-)

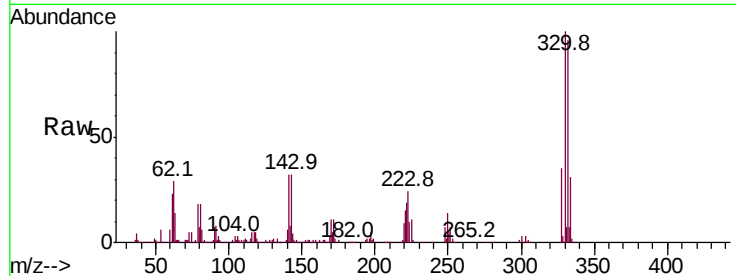




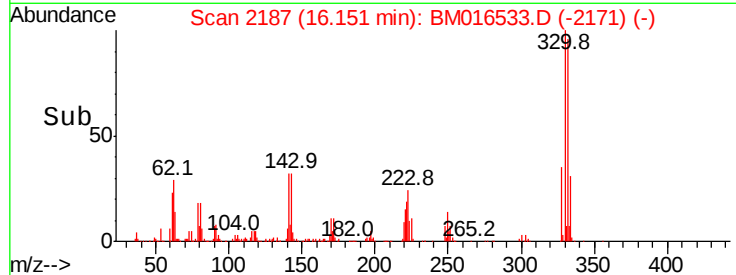
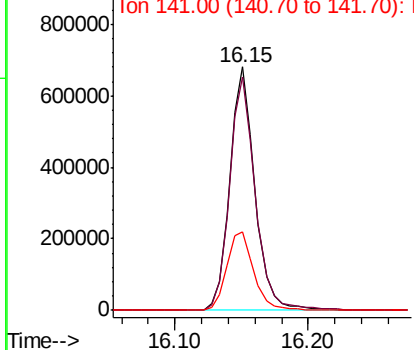
#41  
2,4,6-Tribromophenol  
Concen: 110.610 ng  
RT: 16.15 min Scan# 2187  
Delta R.T. -0.01 min  
Lab File: BM016533.D  
Acq: 22 Aug 2018 23:59

Instrument :  
BNA\_M  
ClientSampleId :  
081518-DBRI-E-U-S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.7  | 0.0   | 0.0#  |
| 141     | 35.2  | 0.0   | 0.0#  |

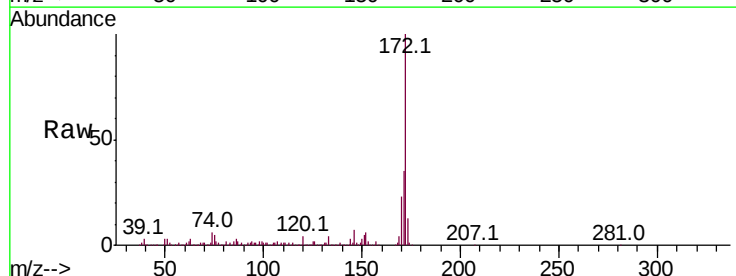


Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

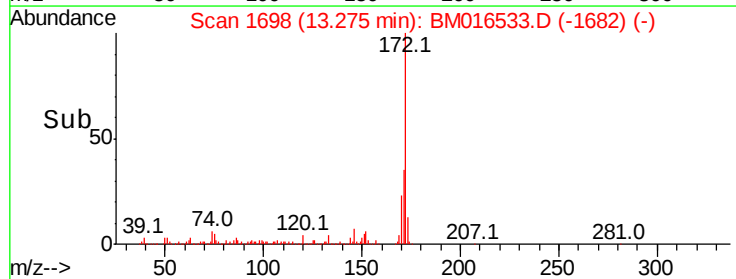
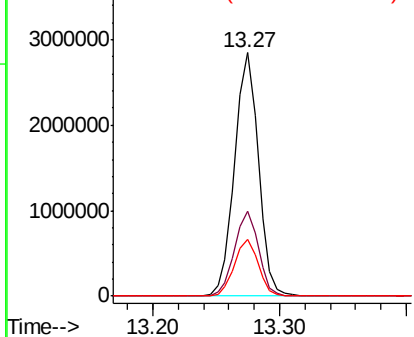


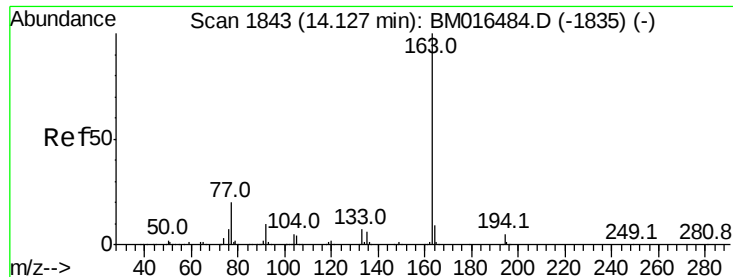
#44  
2-Fluorobiphenyl  
Concen: 122.877 ng  
RT: 13.27 min Scan# 1698  
Delta R.T. -0.01 min  
Lab File: BM016533.D  
Acq: 22 Aug 2018 23:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.6  | 28.5  | 42.7  |
| 170     | 23.4  | 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

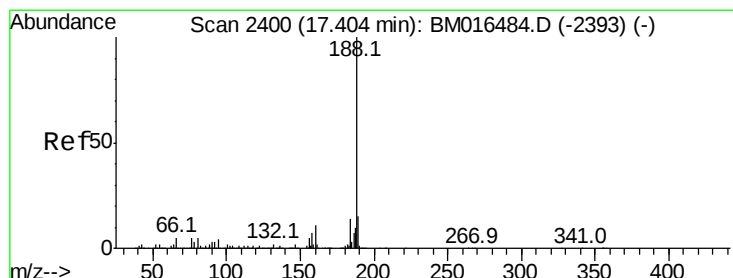
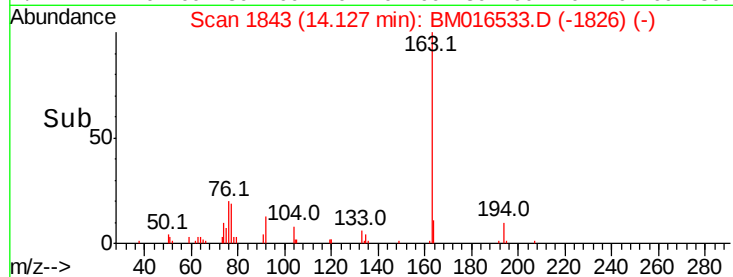
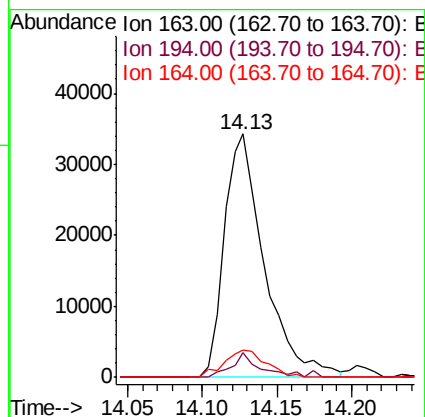
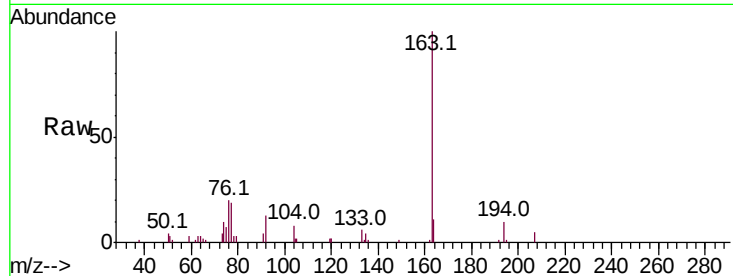




#49  
Dimethylphthalate  
Concen: 2.309 ng  
RT: 14.13 min Scan# 1843  
Delta R.T. 0.00 min  
Lab File: BM016533.D  
Acq: 22 Aug 2018 23:59

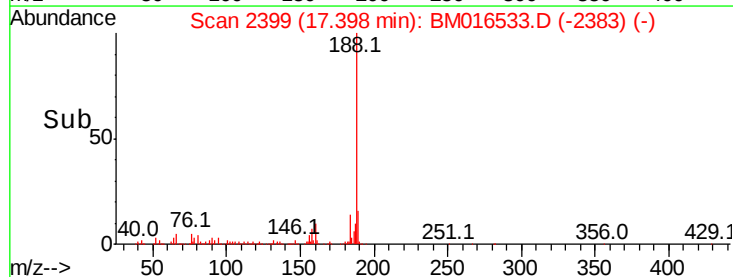
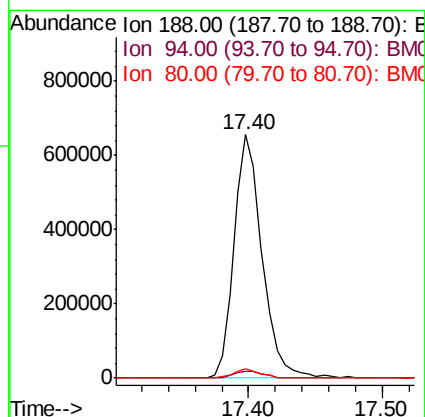
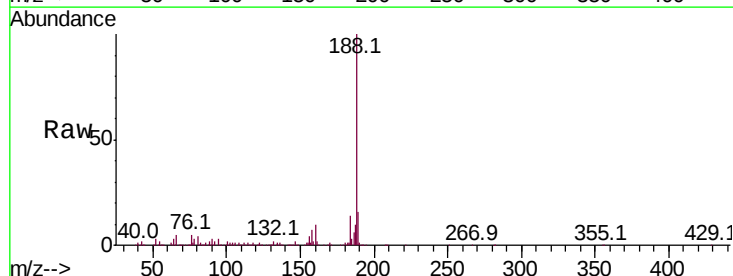
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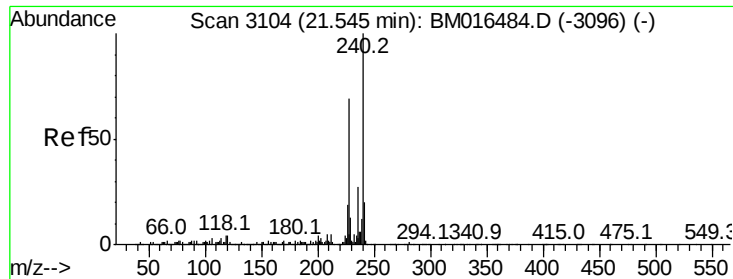
Tot Ion:163 Resp: 64151  
Ion Ratio Lower Upper  
163 100  
194 10.0 2.7 4.1#  
164 11.0 8.2 12.2



#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.40 min Scan# 2399  
Delta R.T. -0.01 min  
Lab File: BM016533.D  
Acq: 22 Aug 2018 23:59

Tgt Ion:188 Resp: 960742  
Ion Ratio Lower Upper  
188 100  
94 2.7 8.7 13.1#  
80 4.0 9.3 13.9#

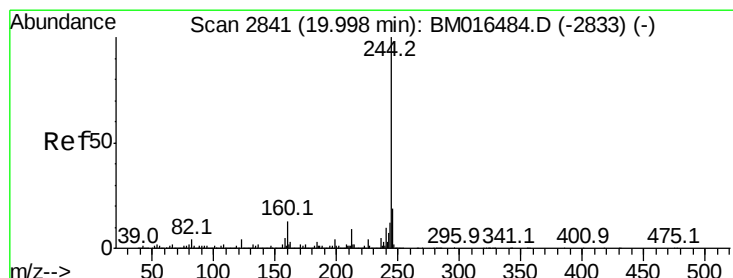
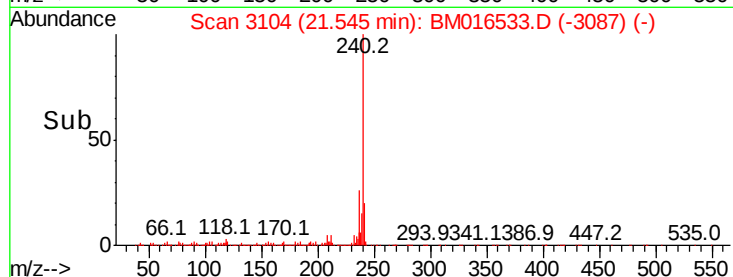
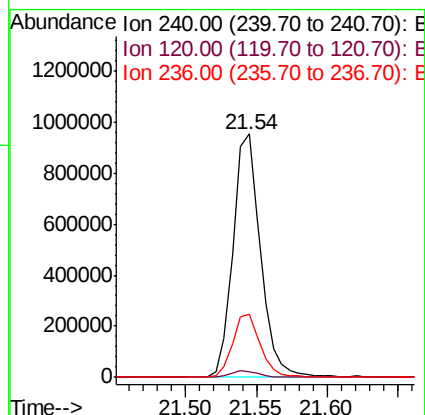
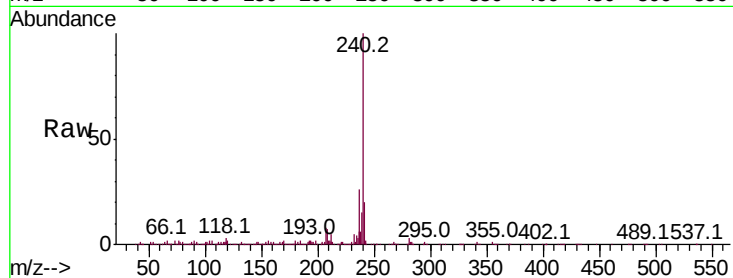




#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.54 min Scan# 3104  
 Delta R.T. 0.00 min  
 Lab File: BM016533.D  
 Acq: 22 Aug 2018 23:59

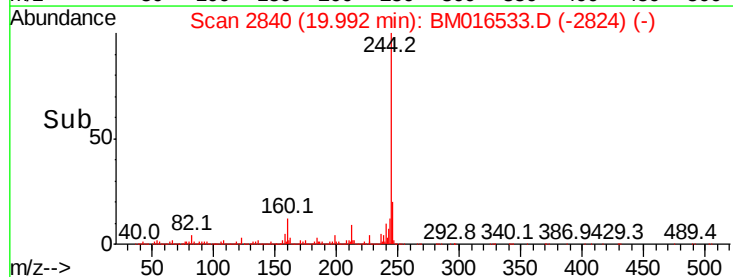
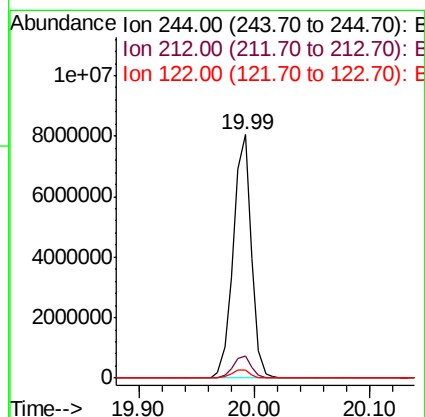
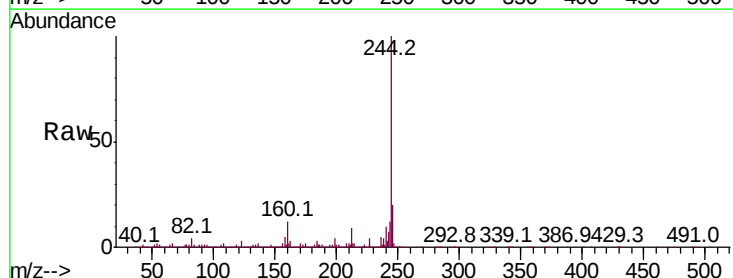
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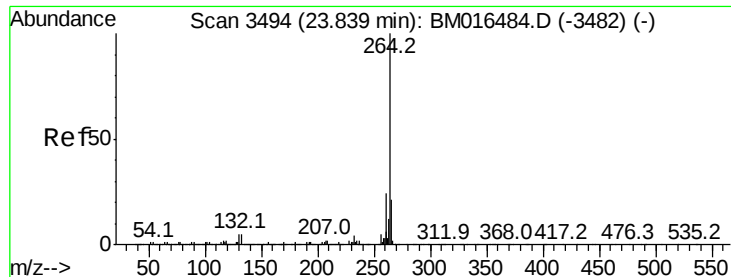
Tot Ion:240 Resp: 1296659  
 Ion Ratio Lower Upper  
 240 100  
 120 2.5 8.2 12.2#  
 236 25.9 20.0 30.0



#78  
 Terphenyl-d14  
 Concen: 141.995 ng  
 RT: 19.99 min Scan# 2840  
 Delta R.T. -0.01 min  
 Lab File: BM016533.D  
 Acq: 22 Aug 2018 23:59

Tgt Ion:244 Resp: 8698958  
 Ion Ratio Lower Upper  
 244 100  
 212 9.1 4.9 7.3#  
 122 3.1 6.2 9.4#





#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 23.83 min Scan# 3492  
 Delta R.T. -0.01 min  
 Lab File: BM016533.D  
 Acq: 22 Aug 2018 23:59

Instrument :  
 BNA\_M  
 ClientSampleId :  
 081518-DBRI-E-U-S

Tot Ion: 264 Resp: 1484779

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.8  | 18.6  | 27.8  |
| 265 | 22.9  | 17.3  | 25.9  |

