

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\  
 Data File : BM016616.D  
 Acq On : 27 Aug 2018 20:52  
 Operator : SJ/JU  
 Sample : J4583-06  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TOD1-EXC-2-4

Quant Time: Aug 28 04:10:17 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

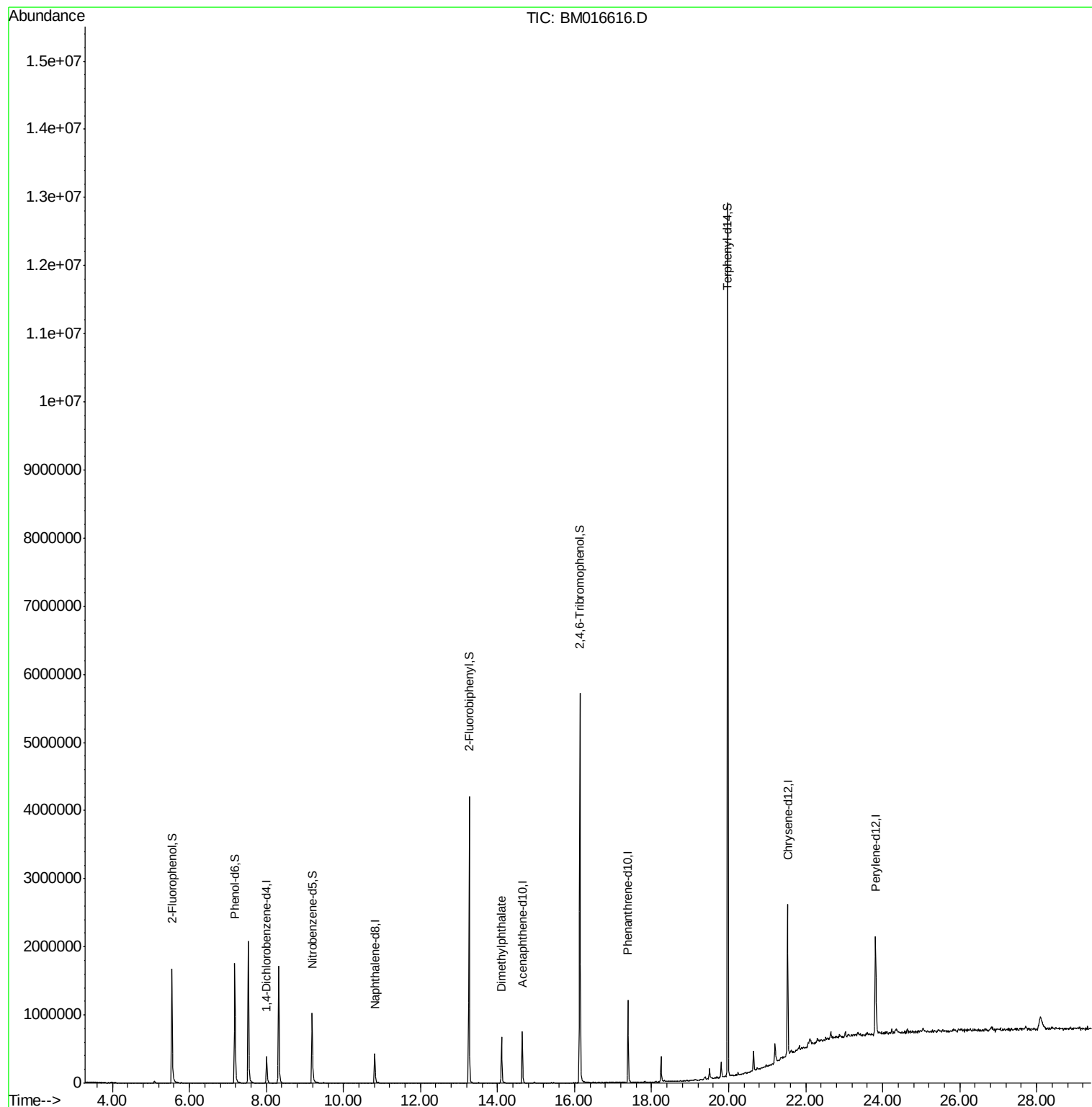
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.00  | 152  | 85953    | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 10.81 | 136  | 283163   | 20.00  | ng    | 0.00           |
| 38) Acenaphthene-d10        | 14.64 | 164  | 212591   | 20.00  | ng    | 0.00           |
| 63) Phenanthrene-d10        | 17.39 | 188  | 687581   | 20.00  | ng    | 0.00           |
| 75) Chrysene-d12            | 21.53 | 240  | 1011153  | 20.00  | ng    | 0.00           |
| 86) Perylene-d12            | 23.81 | 264  | 1158573  | 20.00  | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.55  | 112  | 545181   | 124.29 | ng    | 0.00           |
| 7) Phenol-d6                | 7.18  | 99   | 701059   | 120.78 | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 9.19  | 82   | 601300   | 96.96  | ng    | 0.00           |
| 41) 2,4,6-Tribromophenol    | 16.14 | 330  | 900632   | 151.55 | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 13.26 | 172  | 1865917  | 84.37  | ng    | 0.00           |
| 78) Terphenyl-d14           | 19.97 | 244  | 5098391  | 106.72 | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 14.10 | 163  | 386092   | 18.904 | ng    | Qvalue<br># 98 |

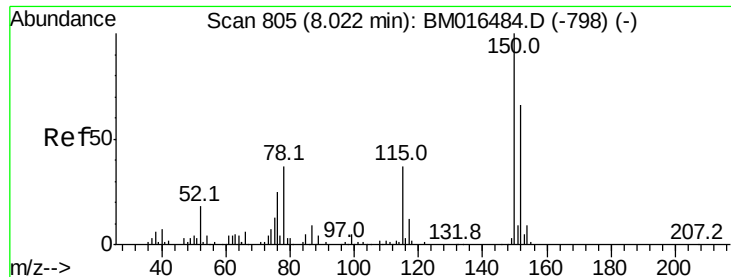
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\  
Data File : BM016616.D  
Acq On : 27 Aug 2018 20:52  
Operator : SJ/JU  
Sample : J4583-06  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
TOD1-EXC-2-4

Quant Time: Aug 28 04:10:17 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



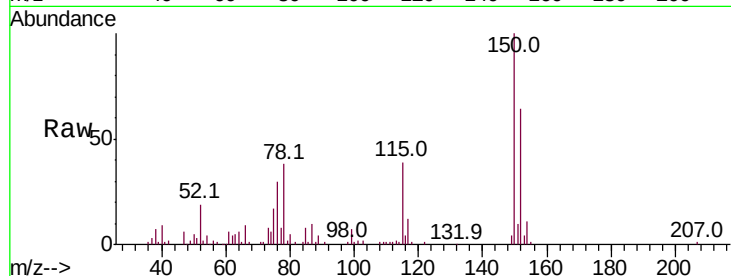


#1

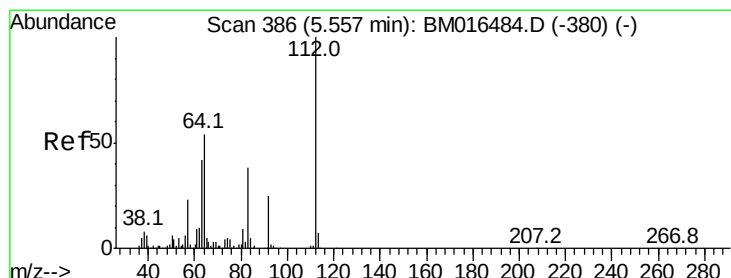
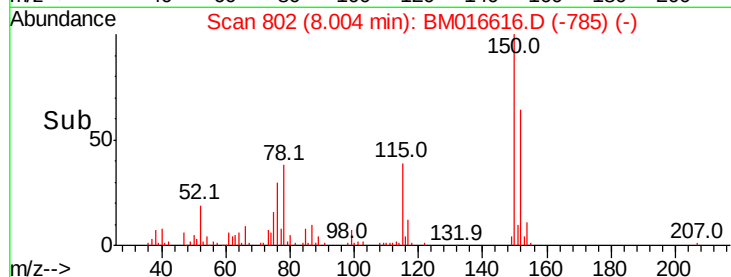
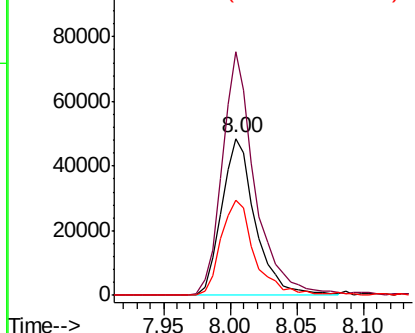
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 802  
Delta R.T. -0.00 min  
Lab File: BM016616.D  
Acq: 27 Aug 2018 20:52

Instrument :  
BNA\_M  
ClientSampleId :  
TOD1-EXC-2-4

Tot Ion:152 Resp: 85953  
Ion Ratio Lower Upper  
152 100  
150 155.4 119.5 179.3  
115 60.7 43.0 64.4



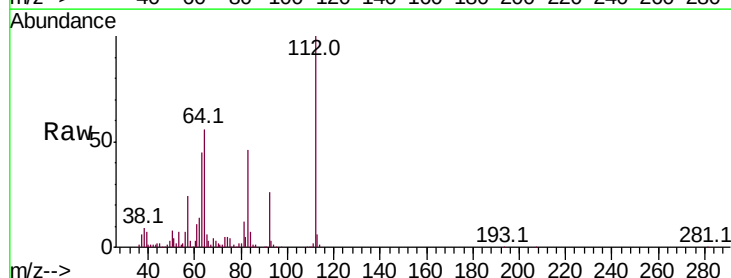
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



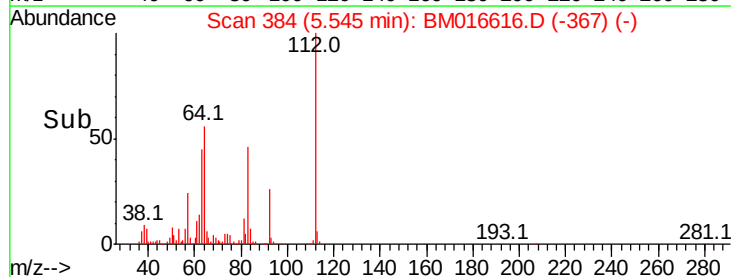
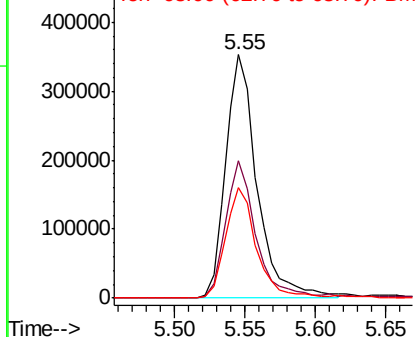
#5

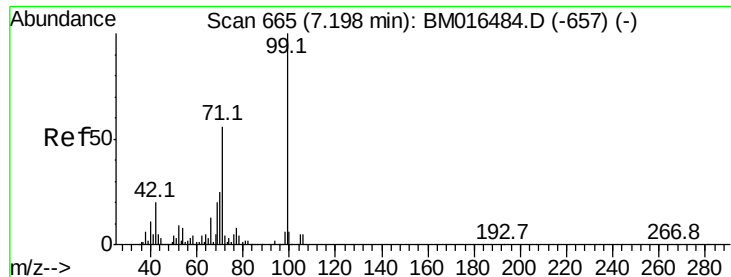
2-Fluorophenol  
Concen: 124.292 ng  
RT: 5.55 min Scan# 384  
Delta R.T. -0.00 min  
Lab File: BM016616.D  
Acq: 27 Aug 2018 20:52

Tgt Ion:112 Resp: 545181  
Ion Ratio Lower Upper  
112 100  
64 56.4 38.6 57.8  
63 45.4 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BM0  
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 120.783 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM016616.D

Acq: 27 Aug 2018 20:52

Instrument :

BNA\_M

ClientSampleId :

TOD1-EXC-2-4

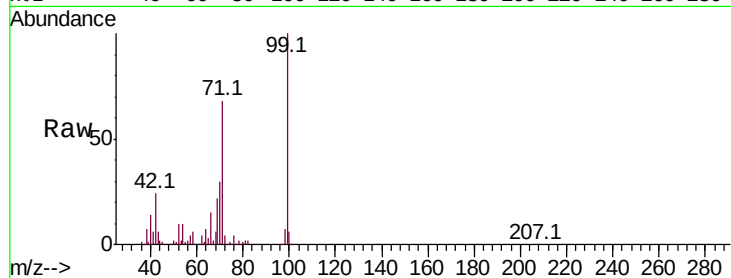
Tot Ion: 99 Resp: 701059

Ion Ratio Lower Upper

99 100

42 24.0 11.0 16.4#

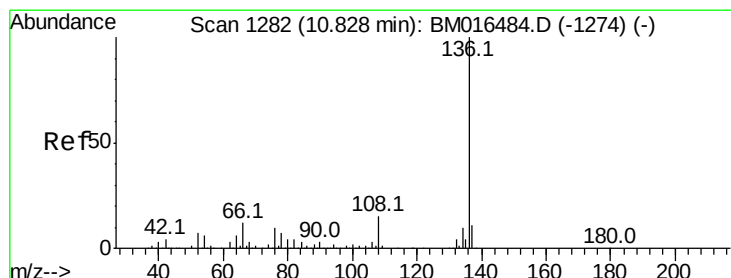
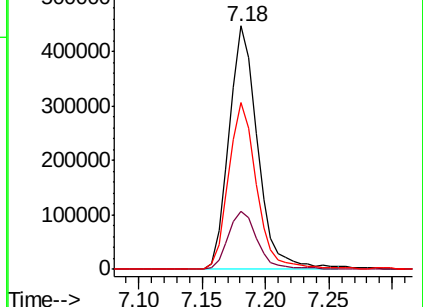
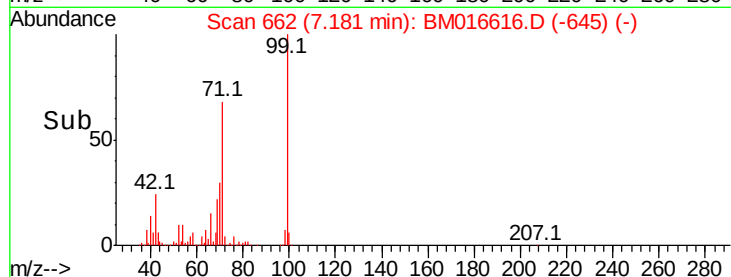
71 68.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016616.D (-645) (-)

Ion 42.00 (41.70 to 42.70): BM016616.D (-645) (-)

Ion 71.00 (70.70 to 71.70): BM016616.D (-645) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BM016616.D

Acq: 27 Aug 2018 20:52

Tgt Ion: 136 Resp: 283163

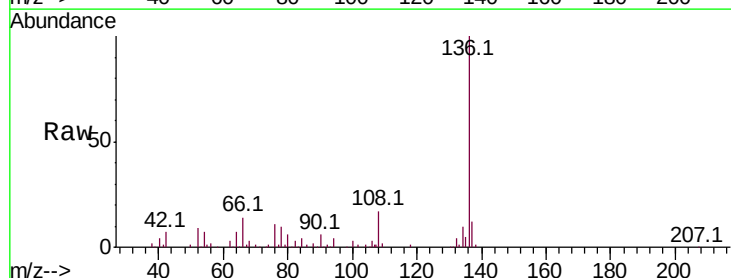
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 7.5 4.6 6.8#

68 3.3 3.7 5.5#

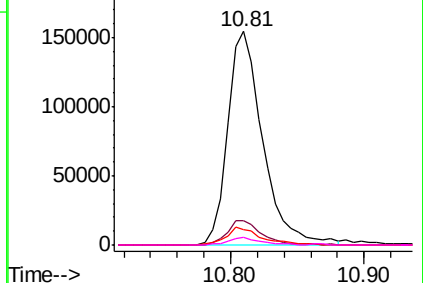
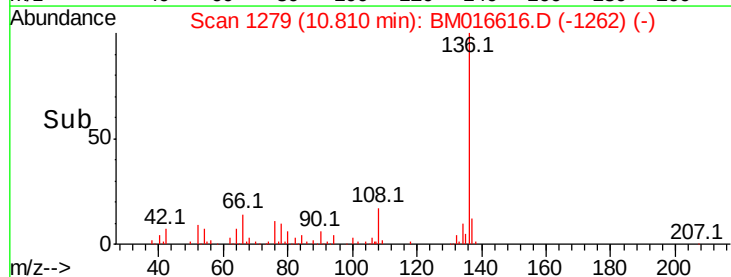


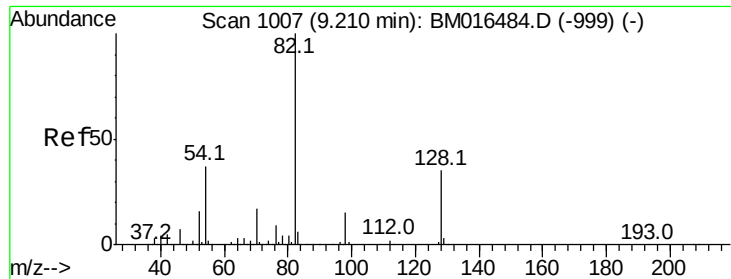
Abundance Ion 136.00 (135.70 to 136.70): BM016616.D (-1262) (-)

Ion 137.00 (136.70 to 137.70): BM016616.D (-1262) (-)

Ion 54.00 (53.70 to 54.70): BM016616.D (-1262) (-)

Ion 68.00 (67.70 to 68.70): BM016616.D (-1262) (-)

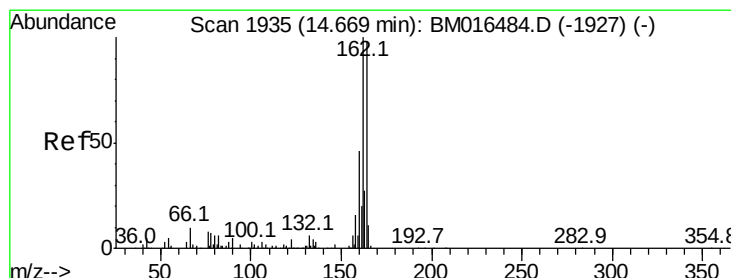
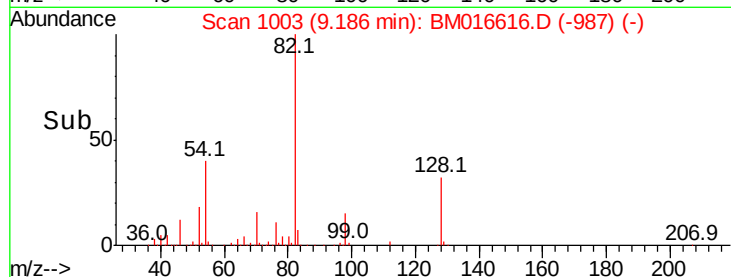
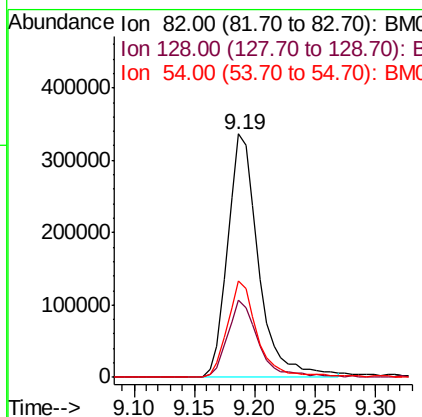
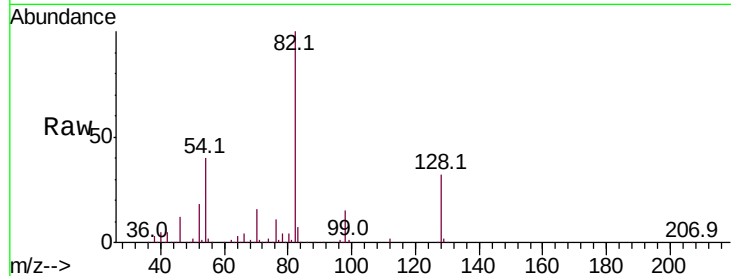




#23  
Nitrobenzene-d5  
Concen: 96.957 ng  
RT: 9.19 min Scan# 1003  
Delta R.T. -0.01 min  
Lab File: BM016616.D  
Acq: 27 Aug 2018 20:52

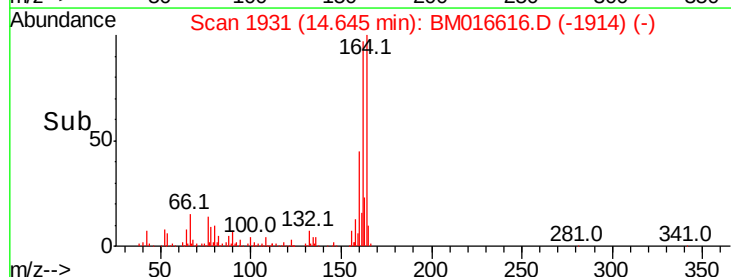
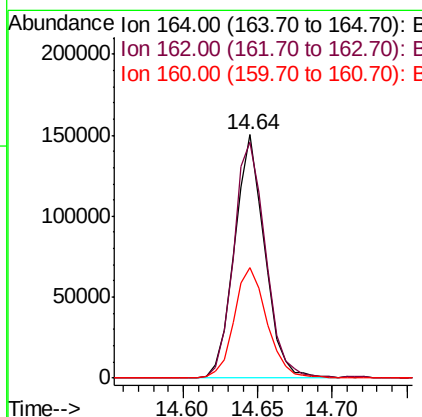
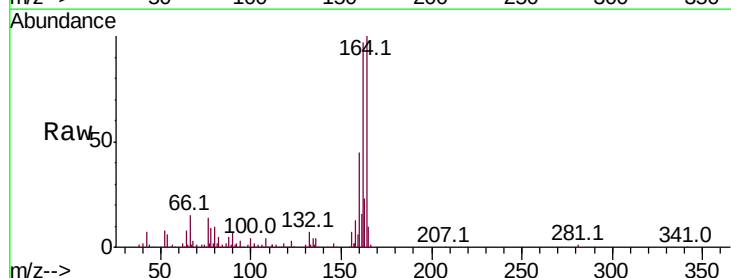
Instrument :  
BNA\_M  
ClientSampleId :  
TOD1-EXC-2-4

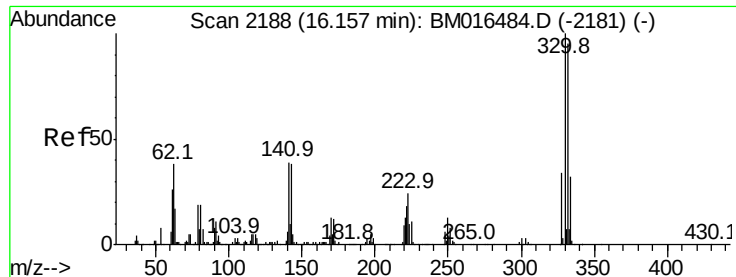
| Tot Ion   | 82    | Resp  | 601300 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 31.8  | 32.8  | 49.2#  |
| 54        | 39.6  | 40.6  | 60.8#  |



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.64 min Scan# 1931  
Delta R.T. -0.00 min  
Lab File: BM016616.D  
Acq: 27 Aug 2018 20:52

| Tgt Ion   | 164   | Resp  | 212591 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 96.8  | 82.4  | 123.6  |
| 160       | 45.5  | 35.8  | 53.6   |

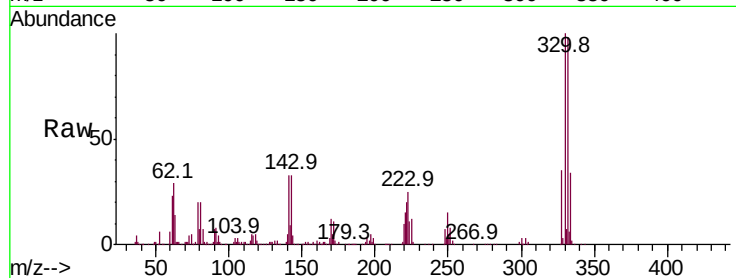




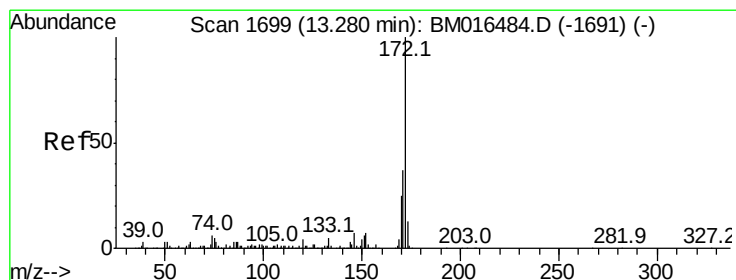
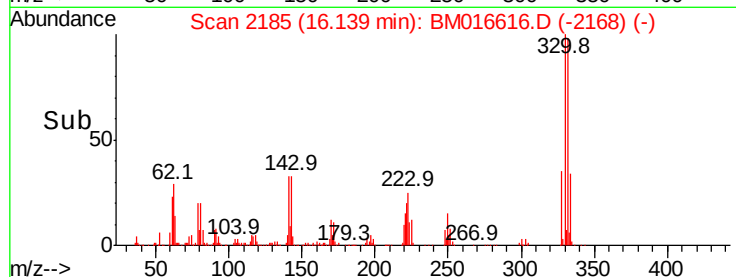
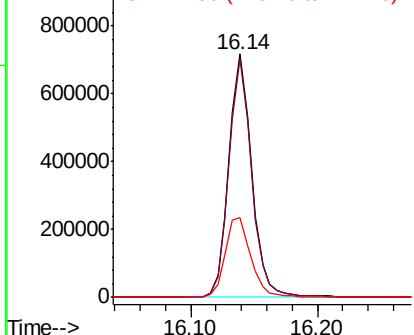
#41  
 2,4,6-Tribromophenol  
 Concen: 151.550 ng  
 RT: 16.14 min Scan# 2185  
 Delta R.T. -0.00 min  
 Lab File: BM016616.D  
 Acq: 27 Aug 2018 20:52

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TOD1-EXC-2-4

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.1  | 0.0   | 0.0#  |
| 141     | 36.5  | 0.0   | 0.0#  |

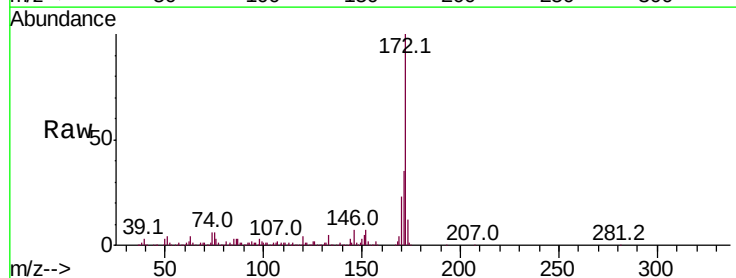


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

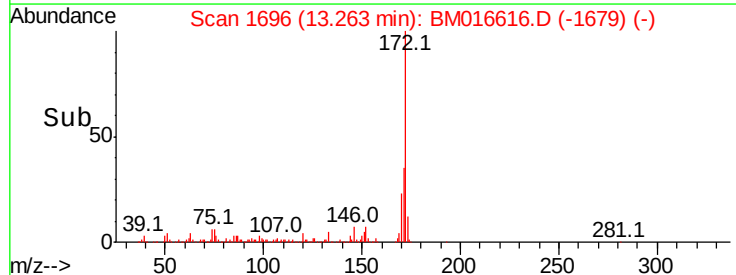
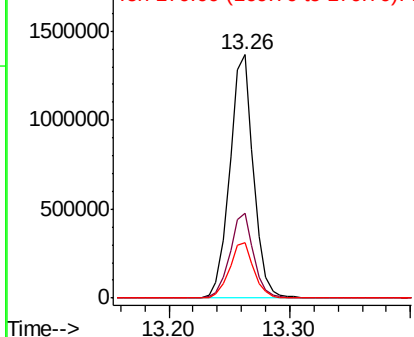


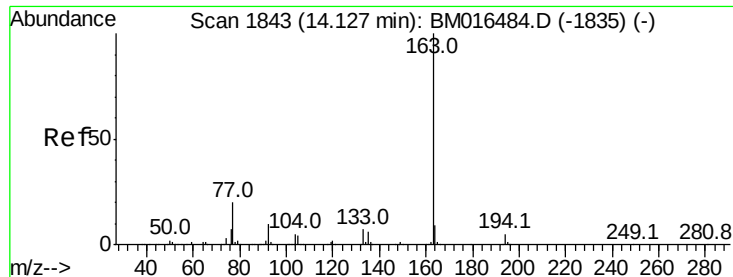
#44  
 2-Fluorobiphenyl  
 Concen: 84.367 ng  
 RT: 13.26 min Scan# 1696  
 Delta R.T. -0.00 min  
 Lab File: BM016616.D  
 Acq: 27 Aug 2018 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.1  | 28.5  | 42.7  |
| 170     | 22.8  | 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

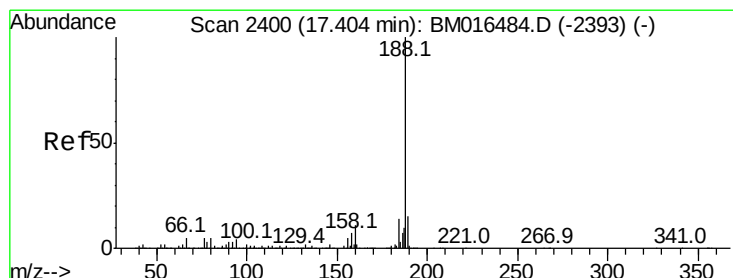
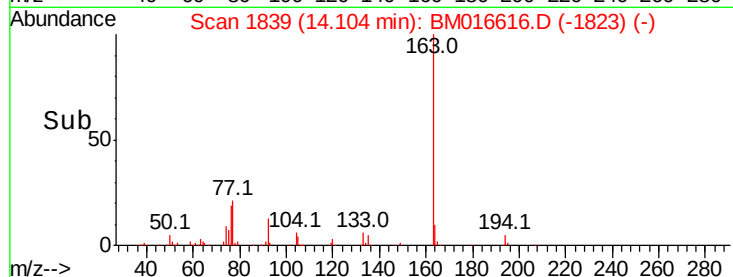
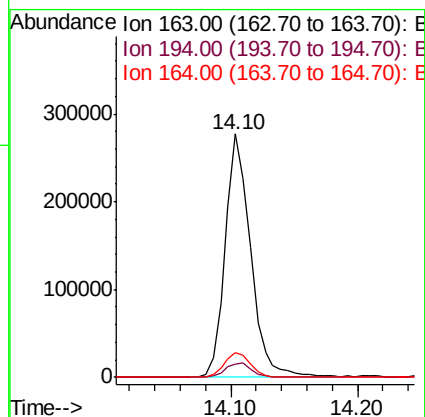
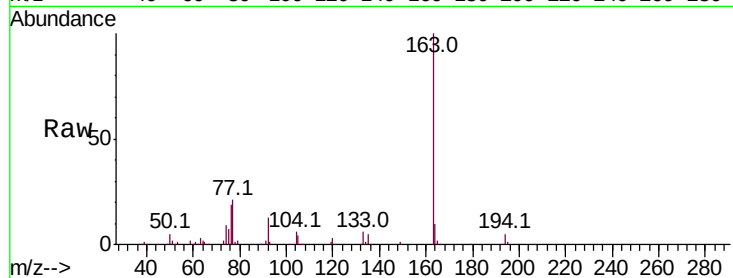




#49  
Dimethylphthalate  
Concen: 18.904 ng  
RT: 14.10 min Scan# 1839  
Delta R.T. -0.01 min  
Lab File: BM016616.D  
Acq: 27 Aug 2018 20:52

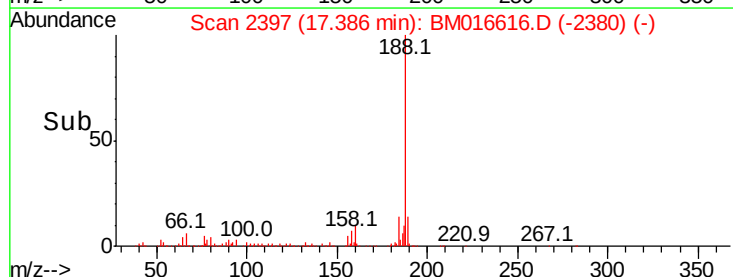
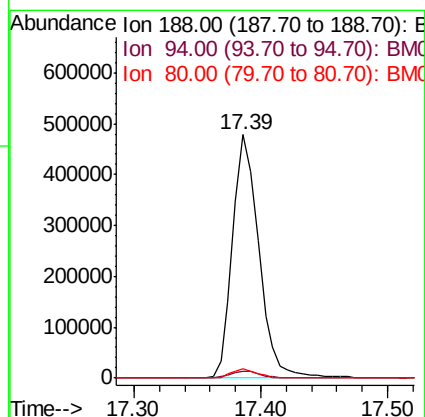
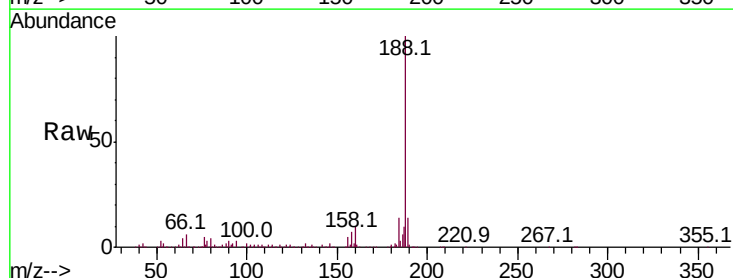
Instrument :  
BNA\_M  
ClientSampleId :  
TOD1-EXC-2-4

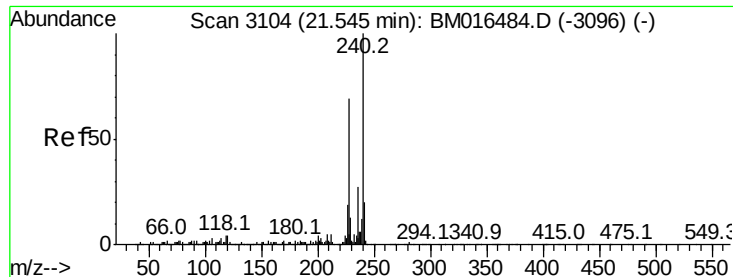
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 5.5   | 2.7   | 4.1#  |
| 164     | 10.4  | 8.2   | 12.2  |



#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.39 min Scan# 2397  
Delta R.T. -0.00 min  
Lab File: BM016616.D  
Acq: 27 Aug 2018 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 3.0   | 8.7   | 13.1# |
| 80      | 4.1   | 9.3   | 13.9# |





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM016616.D

Acq: 27 Aug 2018 20:52

Instrument :

BNA\_M

ClientSampleId :

TOD1-EXC-2-4

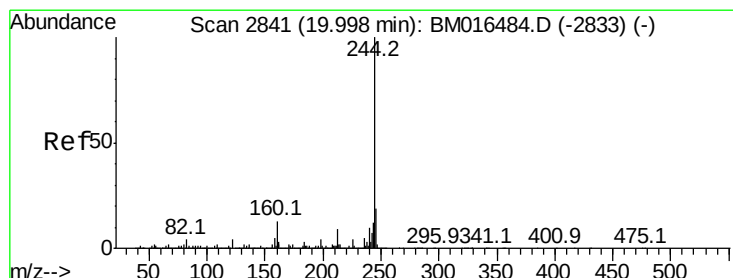
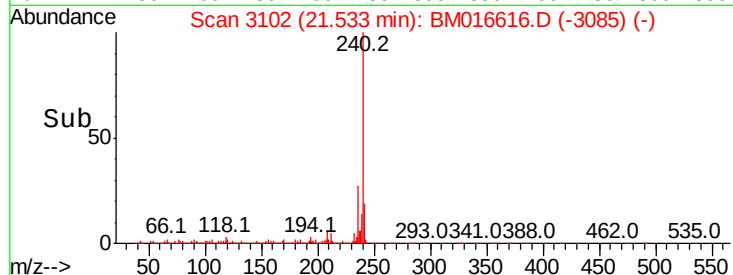
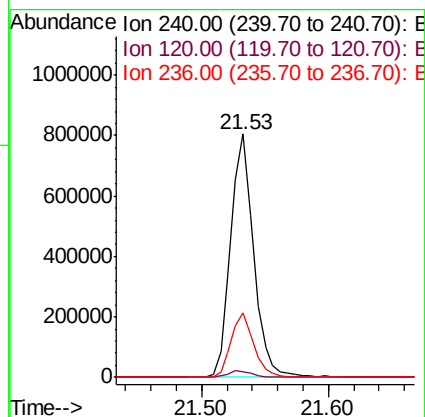
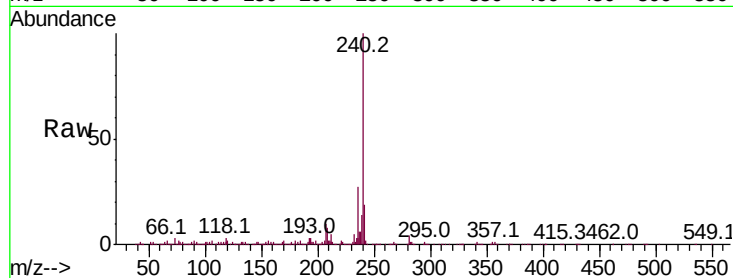
Tot Ion:240 Resp: 1011153

Ion Ratio Lower Upper

240 100

120 2.2 8.2 12.2#

236 26.6 20.0 30.0



#78

Terphenyl-d14

Concen: 106.721 ng

RT: 19.97 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BM016616.D

Acq: 27 Aug 2018 20:52

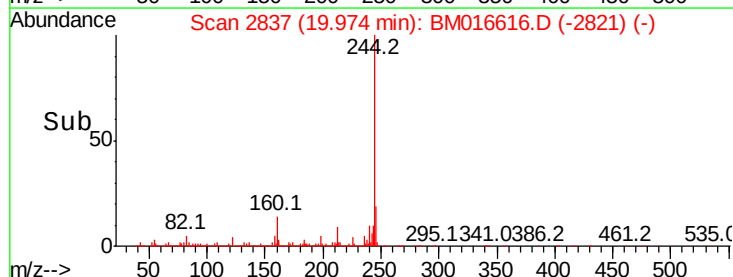
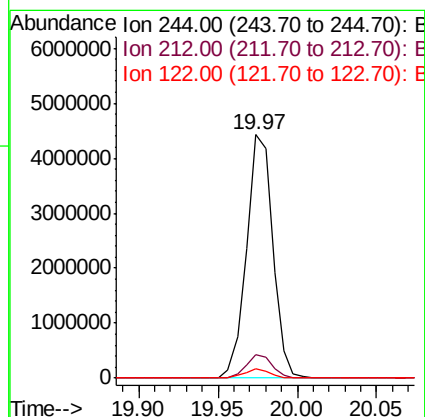
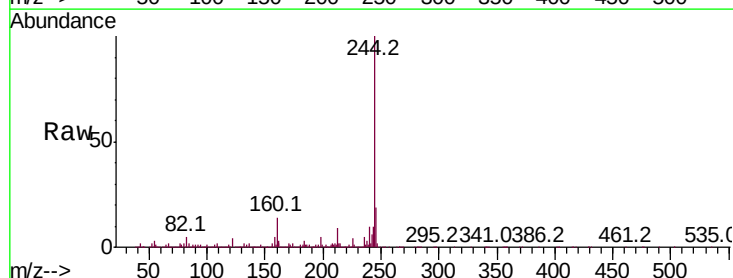
Tgt Ion:244 Resp: 5098391

Ion Ratio Lower Upper

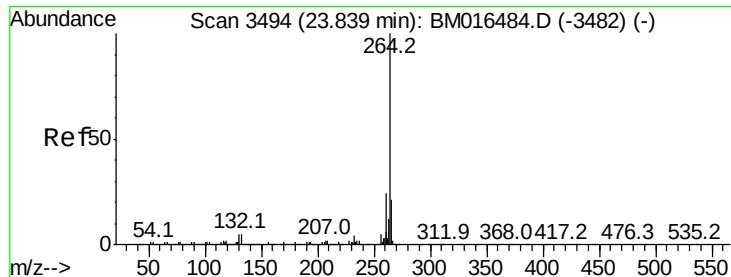
244 100

212 9.4 4.9 7.3#

122 3.7 6.2 9.4#





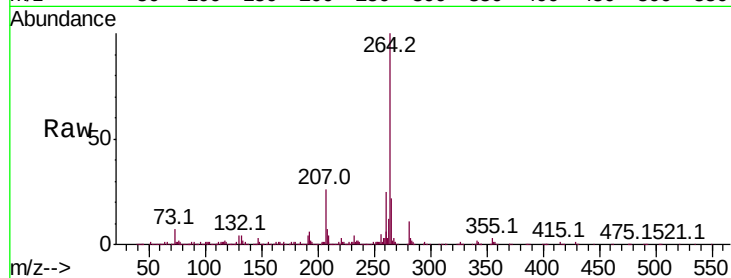


#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.81 min Scan# 3490  
Delta R.T. -0.00 min  
Lab File: BM016616.D  
Acq: 27 Aug 2018 20:52

Instrument :  
BNA\_M  
ClientSampleId :  
TOD1-EXC-2-4

Tot Ion:264 Resp: 1158573  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.0  | 18.6  | 27.8  |
| 265 | 22.4  | 17.3  | 25.9  |



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

