

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090518\  
 Data File : BM016673.D  
 Acq On : 05 Sep 2018 16:05  
 Operator : SJ/JU  
 Sample : J4724-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Sep 05 17:54:57 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 05 16:42:07 2018  
 Response via : Initial Calibration

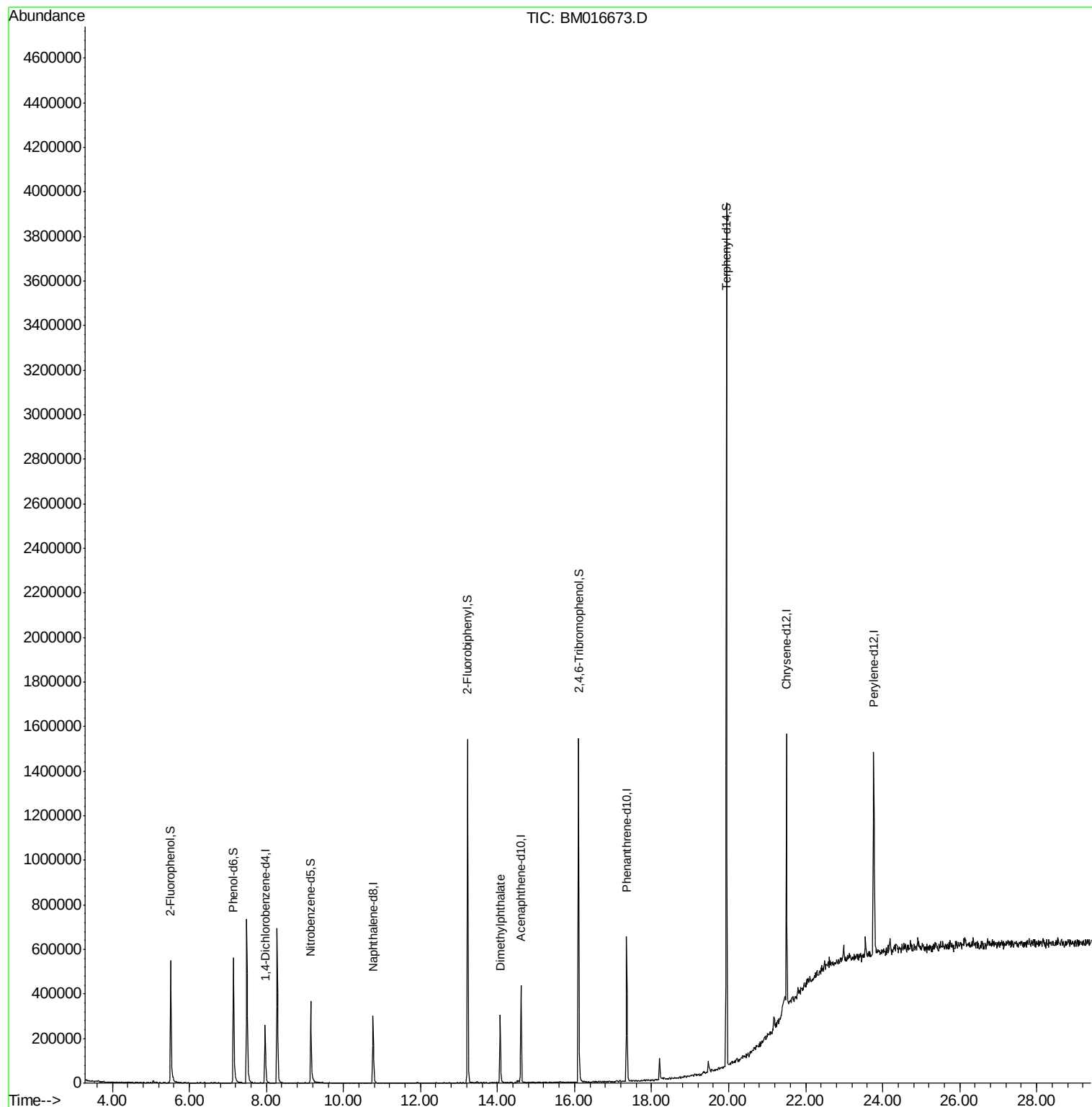
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.97  | 152  | 56573    | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 10.77 | 136  | 185185   | 20.00  | ng    | 0.00           |
| 38) Acenaphthene-d10        | 14.61 | 164  | 126894   | 20.00  | ng    | 0.00           |
| 63) Phenanthrene-d10        | 17.35 | 188  | 373873   | 20.00  | ng    | 0.00           |
| 75) Chrysene-d12            | 21.50 | 240  | 538928   | 20.00  | ng    | 0.00           |
| 86) Perylene-d12            | 23.77 | 264  | 687426   | 20.00  | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.52  | 112  | 200246   | 69.36  | ng    | 0.00           |
| 7) Phenol-d6                | 7.15  | 99   | 244551   | 64.01  | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 9.15  | 82   | 222793   | 54.93  | ng    | 0.00           |
| 41) 2,4,6-Tribromophenol    | 16.10 | 330  | 240488   | 67.80  | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 13.22 | 172  | 637781   | 48.31  | ng    | 0.00           |
| 78) Terphenyl-d14           | 19.94 | 244  | 1462160  | 57.42  | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 14.07 | 163  | 177273   | 14.541 | ng    | Qvalue<br># 96 |

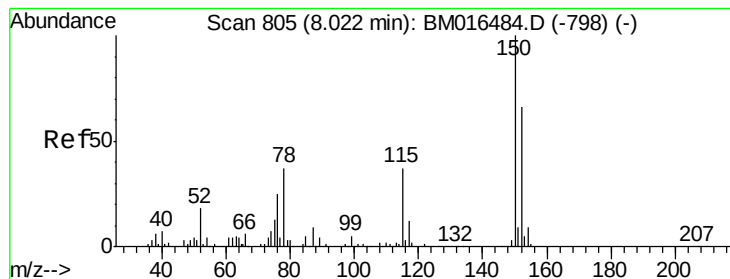
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090518\  
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Sample : J4724-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: Sep 05 17:54:57 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 05 16:42:07 2018  
Response via : Initial Calibration



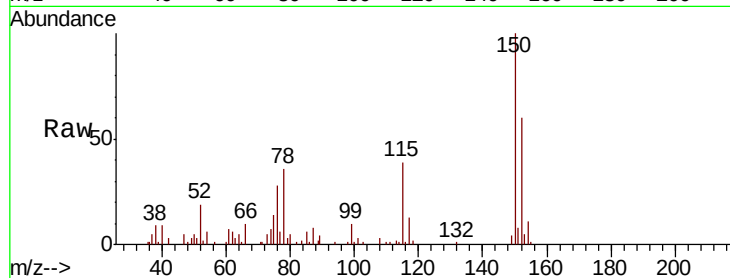


#1

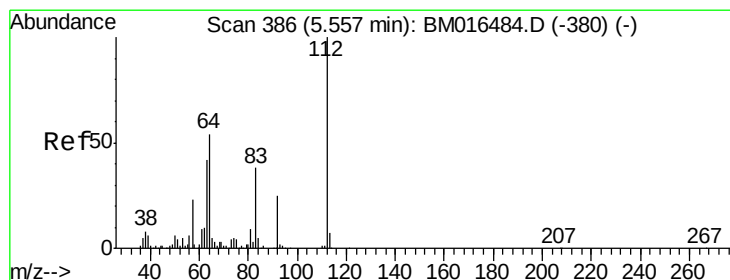
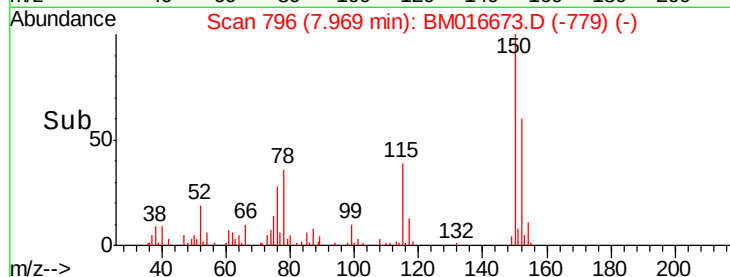
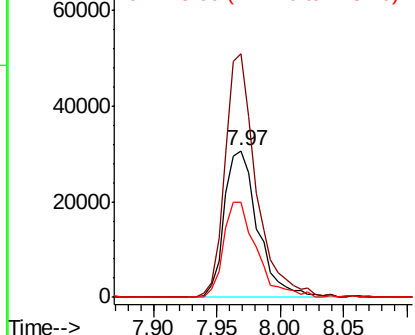
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.97 min Scan# 796  
 Delta R.T. 0.00 min  
 Lab File: BM016673.D  
 Acq: 05 Sep 2018 16:05

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 166.1 | 119.5 | 179.3 |
| 115     | 65.2  | 43.0  | 64.4  |



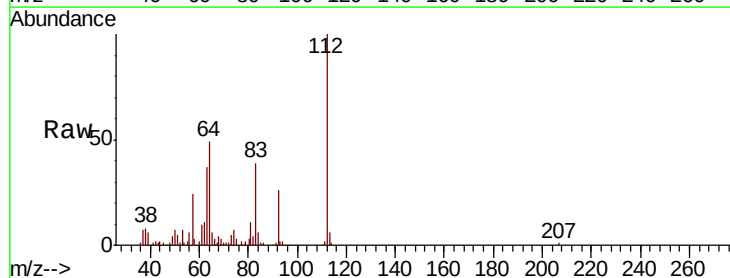
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



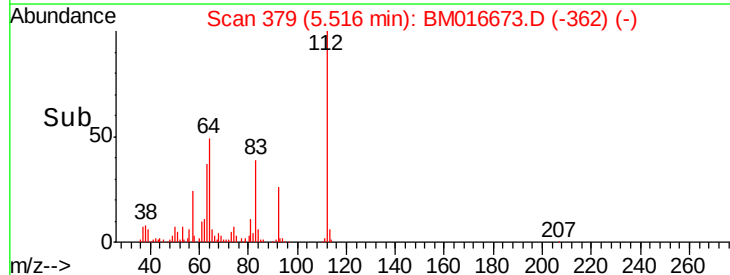
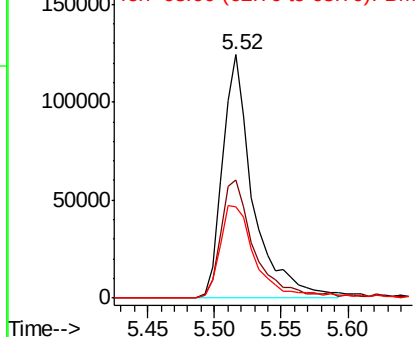
#5

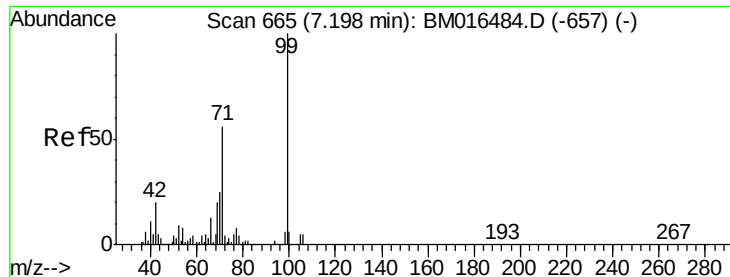
2-Fluorophenol  
 Concen: 69.362 ng  
 RT: 5.52 min Scan# 379  
 Delta R.T. 0.00 min  
 Lab File: BM016673.D  
 Acq: 05 Sep 2018 16:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 48.5  | 38.6  | 57.8  |
| 63      | 37.4  | 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: 64.014 ng

RT: 7.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM016673.D

Acq: 05 Sep 2018 16:05

Instrument :

BNA\_M

ClientSampleId :

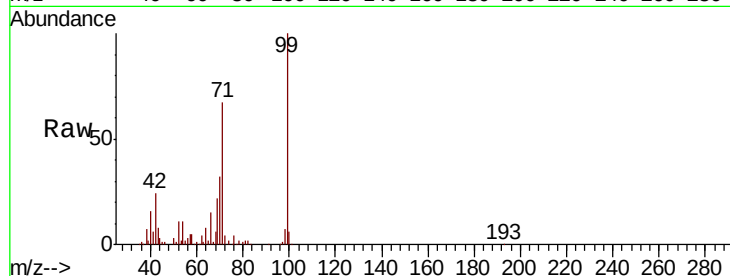
Tot Ion: 99 Resp: 244551

Ion Ratio Lower Upper

99 100

42 24.2 11.0 16.4#

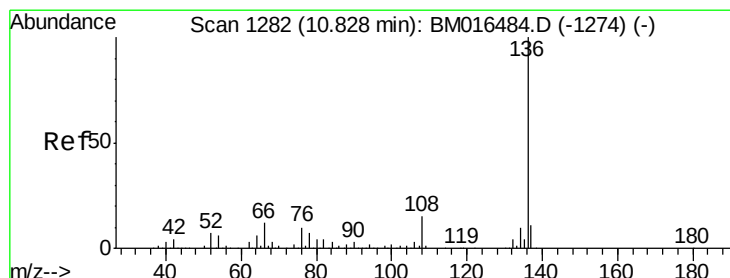
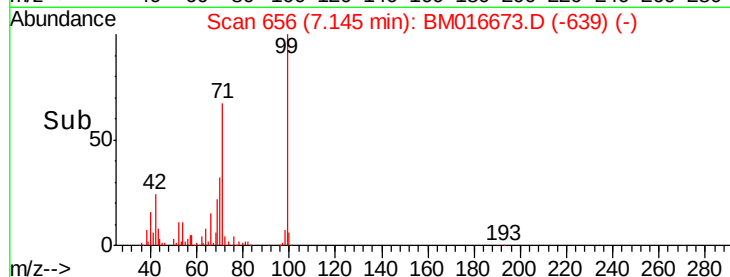
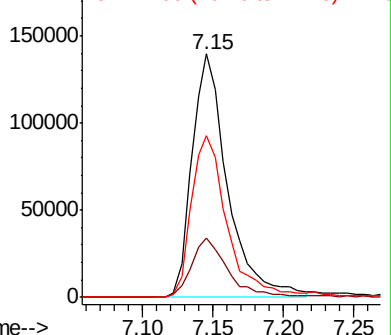
71 66.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016673.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM016673.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM016673.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BM016673.D

Acq: 05 Sep 2018 16:05

Tgt Ion: 136 Resp: 185185

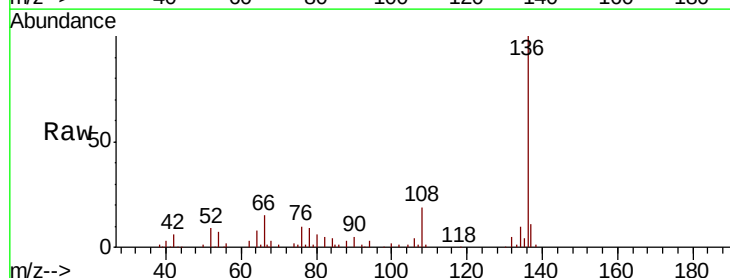
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.3 4.6 6.8#

68 2.8 3.7 5.5#

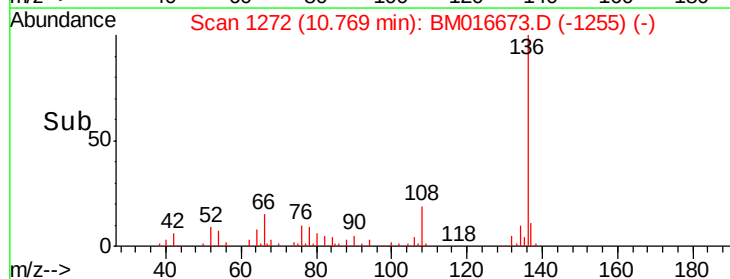
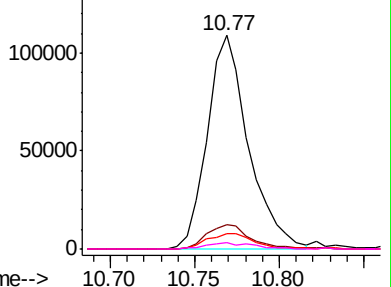


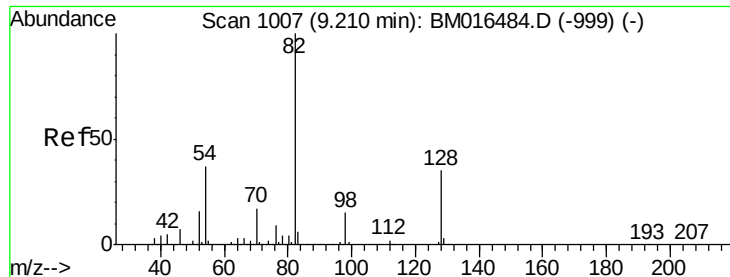
Abundance Ion 136.00 (135.70 to 136.70): BM016673.D (-1255) (-)

Ion 137.00 (136.70 to 137.70): BM016673.D (-1255) (-)

Ion 54.00 (53.70 to 54.70): BM016673.D (-1255) (-)

Ion 68.00 (67.70 to 68.70): BM016673.D (-1255) (-)

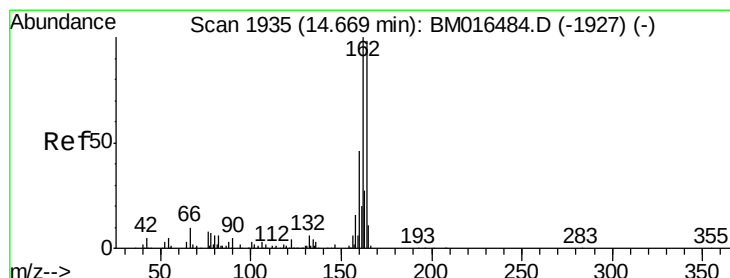
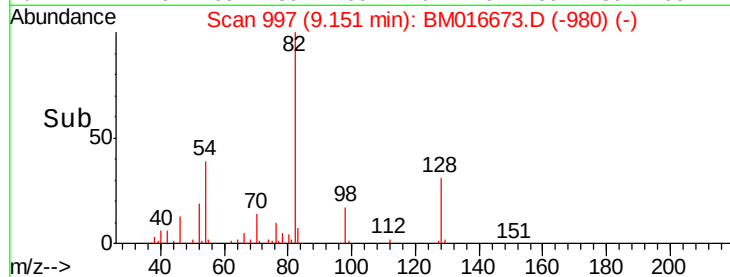
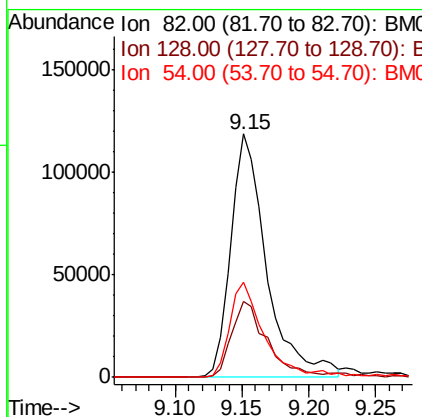
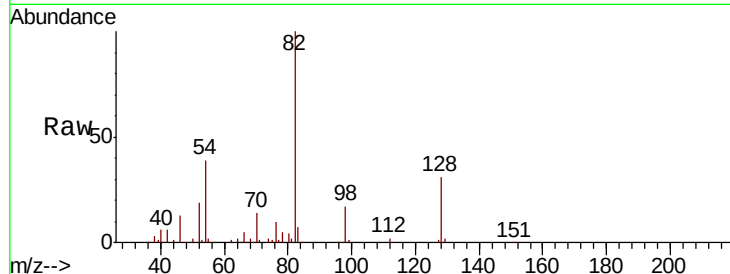




#23  
 Nitrobenzene-d5  
 Concen: 54.932 ng  
 RT: 9.15 min Scan# 997  
 Delta R.T. 0.00 min  
 Lab File: BM016673.D  
 Acq: 05 Sep 2018 16:05

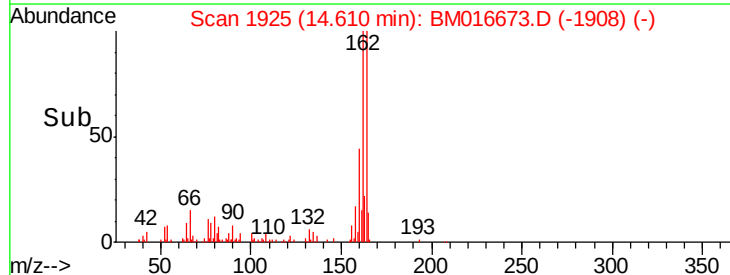
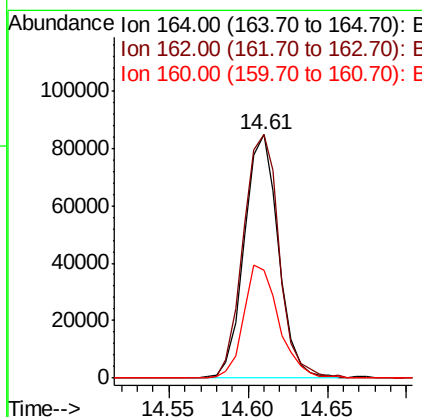
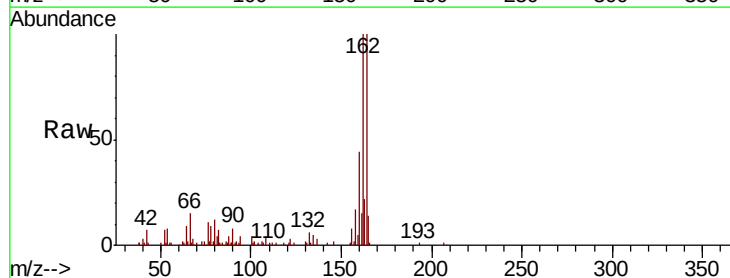
Instrument :  
 BNA\_M  
 ClientSampleId :

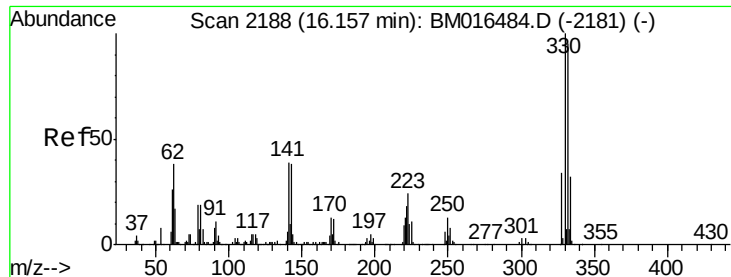
| Tot Ion   | 82    | Resp  | 222793 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 31.1  | 32.8  | 49.2#  |
| 54        | 39.2  | 40.6  | 60.8#  |



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.61 min Scan# 1925  
 Delta R.T. 0.00 min  
 Lab File: BM016673.D  
 Acq: 05 Sep 2018 16:05

| Tgt Ion   | 164   | Resp  | 126894 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 99.8  | 82.4  | 123.6  |
| 160       | 44.5  | 35.8  | 53.6   |

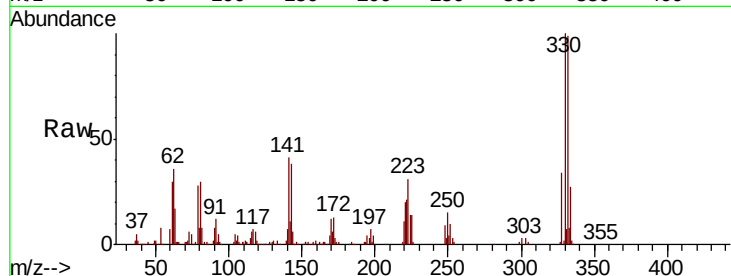




#41  
 2,4,6-Tribromophenol  
 Concen: 67.796 ng  
 RT: 16.10 min Scan# 2179  
 Delta R.T. 0.00 min  
 Lab File: BM016673.D  
 Acq: 05 Sep 2018 16:05

Instrument :  
 BNA\_M  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.1  | 0.0   | 0.0#  |
| 141     | 40.2  | 0.0   | 0.0#  |

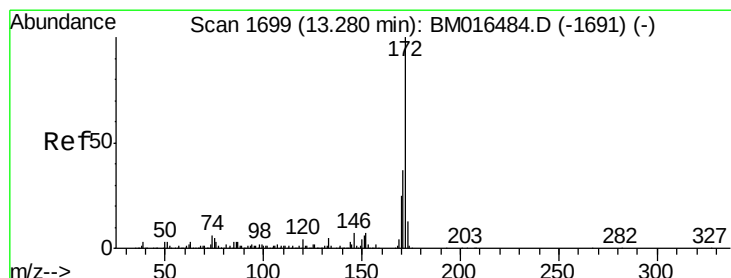
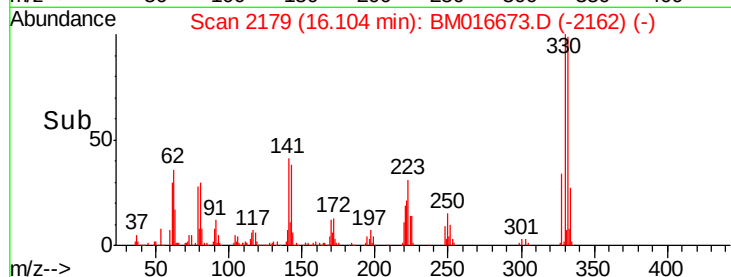
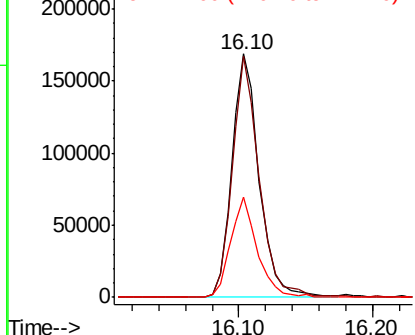


Abundance

Ion 329.80 (329.50 to 330.50): E

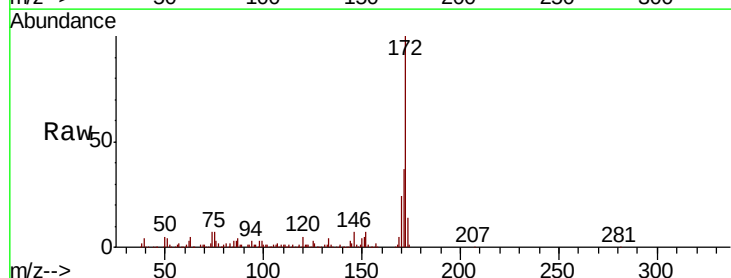
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 48.312 ng  
 RT: 13.22 min Scan# 1689  
 Delta R.T. 0.00 min  
 Lab File: BM016673.D  
 Acq: 05 Sep 2018 16:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.7  | 28.5  | 42.7  |
| 170     | 24.4  | 18.8  | 28.2  |

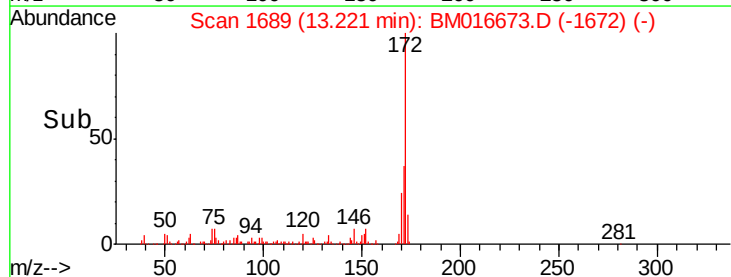
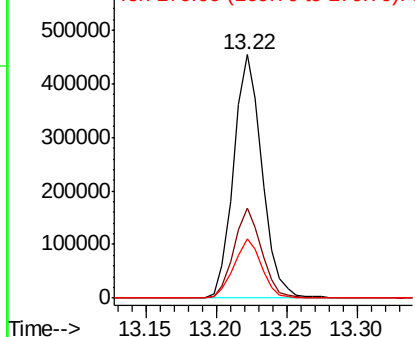


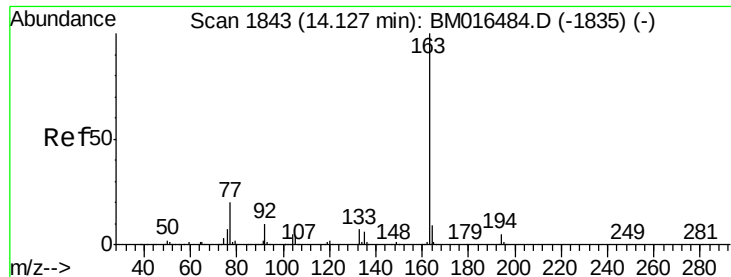
Abundance

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: 14.541 ng

RT: 14.07 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BM016673.D

Acq: 05 Sep 2018 16:05

Instrument :

BNA\_M

ClientSampleId :

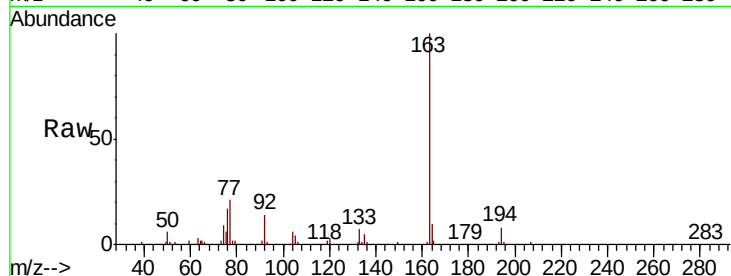
Tot Ion:163 Resp: 177273

Ion Ratio Lower Upper

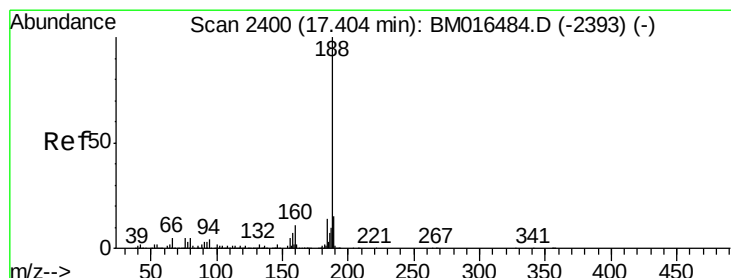
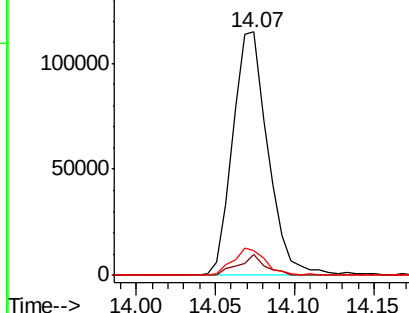
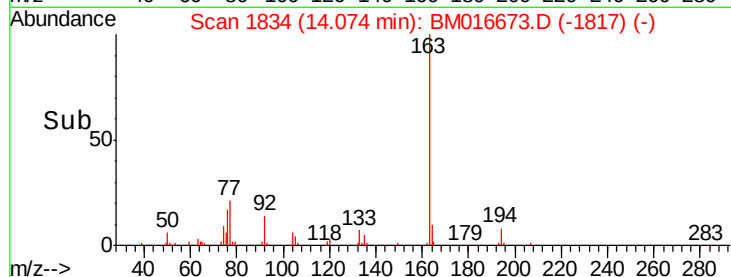
163 100

194 8.4 2.7 4.1#

164 10.4 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: 17.35 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM016673.D

Acq: 05 Sep 2018 16:05

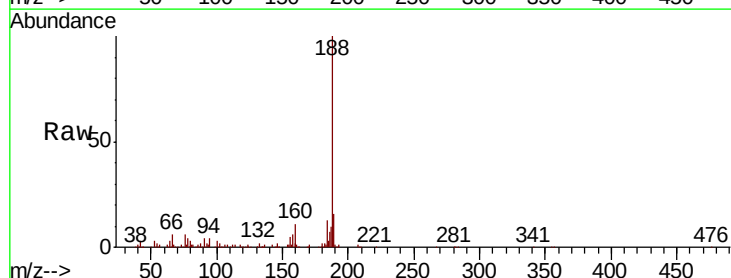
Tgt Ion:188 Resp: 373873

Ion Ratio Lower Upper

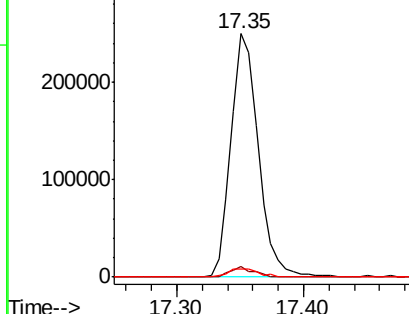
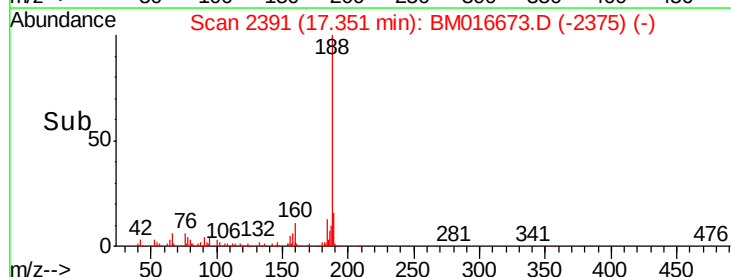
188 100

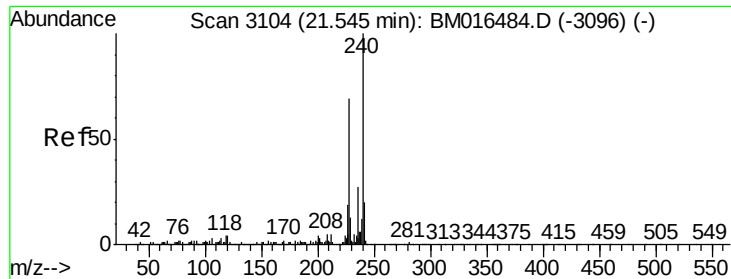
94 4.4 8.7 13.1#

80 4.3 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BM  
Ion 80.00 (79.70 to 80.70): BM





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.50 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BM016673.D

Acq: 05 Sep 2018 16:05

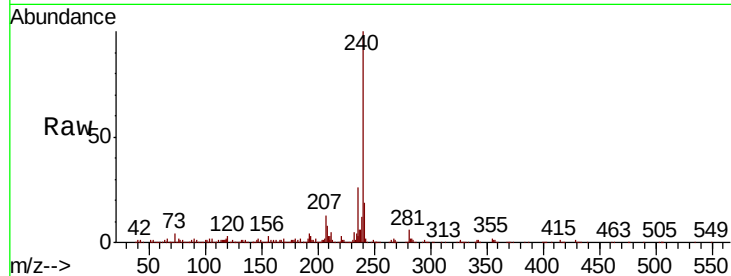
Instrument :

BNA\_M

ClientSampled :

Tot Ion:240 Resp: 538928

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 2.5   | 8.2   | 12.2# |
| 236 | 25.5  | 20.0  | 30.0  |

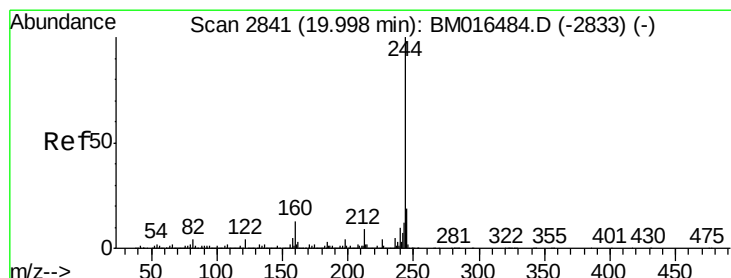
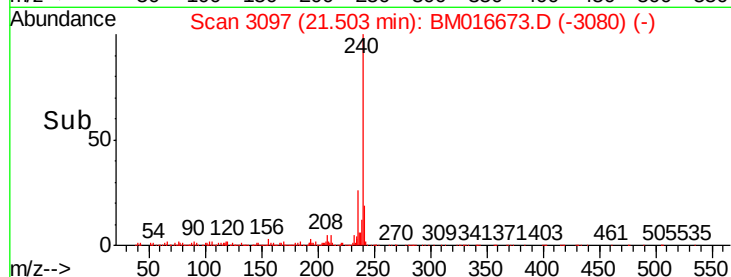
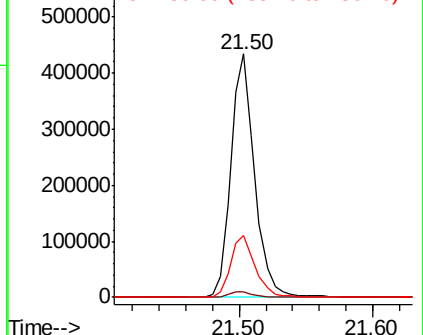


Abundance

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: 57.424 ng

RT: 19.94 min Scan# 2832

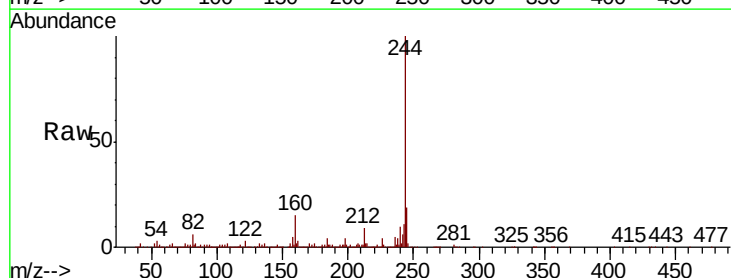
Delta R.T. 0.00 min

Lab File: BM016673.D

Acq: 05 Sep 2018 16:05

Tgt Ion:244 Resp: 1462160

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.2   | 4.9   | 7.3#  |
| 122 | 3.4   | 6.2   | 9.4#  |

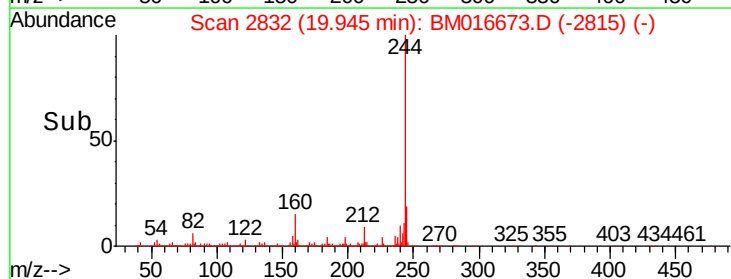
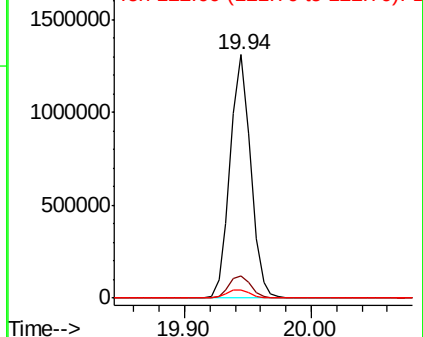


Abundance

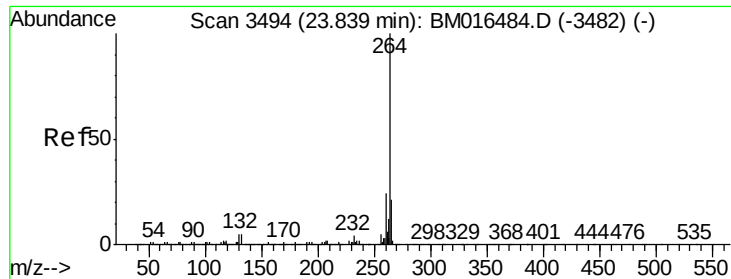
Ion 244.00 (243.70 to 244.70): E

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: 23.77 min Scan# 3482  
 Delta R.T. 0.00 min  
 Lab File: BM016673.D  
 Acq: 05 Sep 2018 16:05

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.0  | 18.6  | 27.8  |
| 265     | 23.3  | 17.3  | 25.9  |

