

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081418\  
 Data File : BM016372.D  
 Acq On : 15 Aug 2018 03:30  
 Operator : SJ/JU  
 Sample : J4440-01  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 080918-TIPC-F-D-B

Quant Time: Aug 15 12:12:28 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 15 11:23:48 2018  
 Response via : Initial Calibration

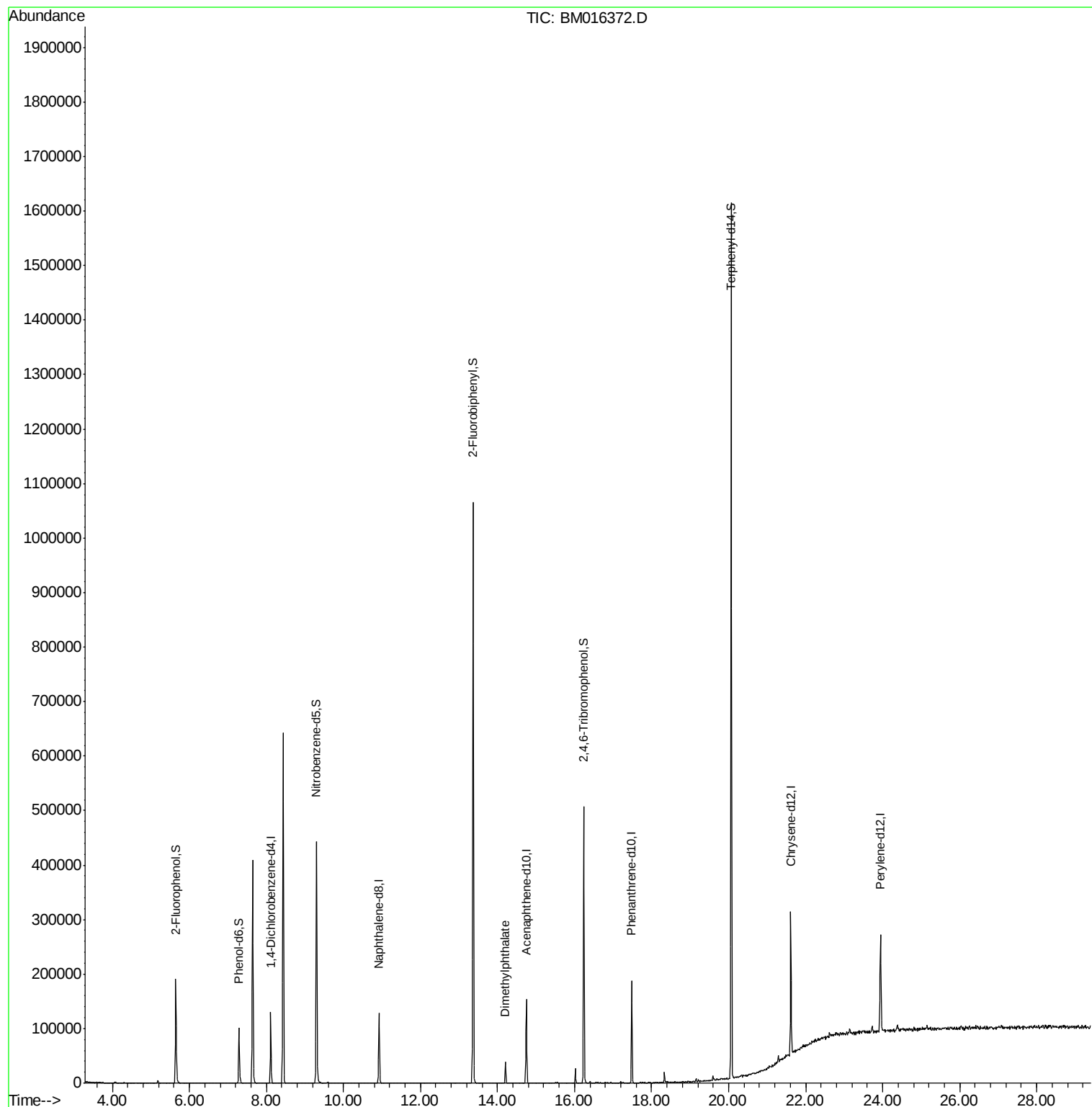
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.11  | 152  | 24758    | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 10.93 | 136  | 84819    | 20.00  | ng    | 0.00           |
| 38) Acenaphthene-d10        | 14.75 | 164  | 41573    | 20.00  | ng    | 0.00           |
| 63) Phenanthrene-d10        | 17.49 | 188  | 84261    | 20.00  | ng    | 0.00           |
| 75) Chrysene-d12            | 21.62 | 240  | 100166   | 20.00  | ng    | 0.00           |
| 86) Perylene-d12            | 23.94 | 264  | 111545   | 20.00  | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.65  | 112  | 59735    | 40.08  | ng    | 0.00           |
| 7) Phenol-d6                | 7.29  | 99   | 41410    | 21.27  | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 9.30  | 82   | 209229   | 114.73 | ng    | 0.00           |
| 41) 2,4,6-Tribromophenol    | 16.24 | 330  | 45872    | 87.00  | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 13.37 | 172  | 389154   | 113.90 | ng    | 0.00           |
| 78) Terphenyl-d14           | 20.07 | 244  | 507076   | 105.97 | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 14.20 | 163  | 21432    | 5.891  | ng    | Qvalue<br># 98 |

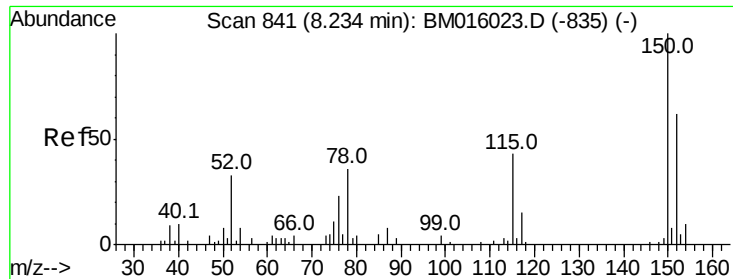
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081418\  
Data File : BM016372.D  
Acq On : 15 Aug 2018 03:30  
Operator : SJ/JU  
Sample : J4440-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
080918-TIPC-F-D-B

Quant Time: Aug 15 12:12:28 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 15 11:23:48 2018  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.01 min

Lab File: BM016372.D

Acq: 15 Aug 2018 03:30

Instrument :

BNA\_M

ClientSampleId :

080918-TIPC-F-D-B

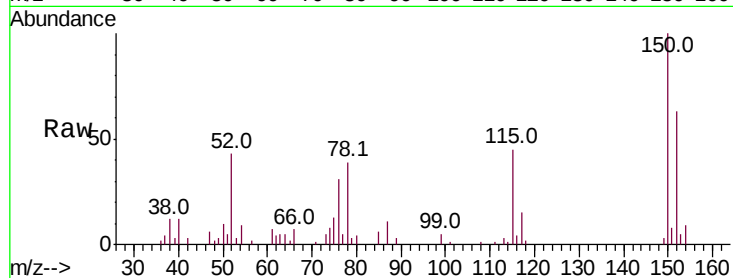
Tot Ion:152 Resp: 24758

Ion Ratio Lower Upper

152 100

150 157.8 119.5 179.3

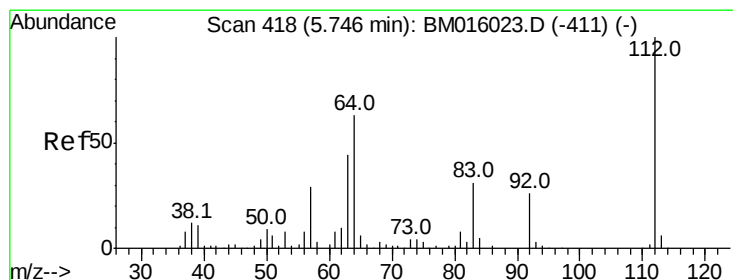
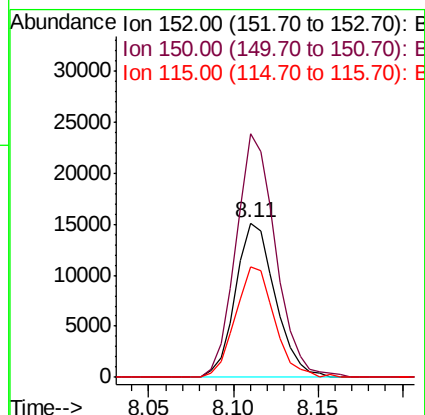
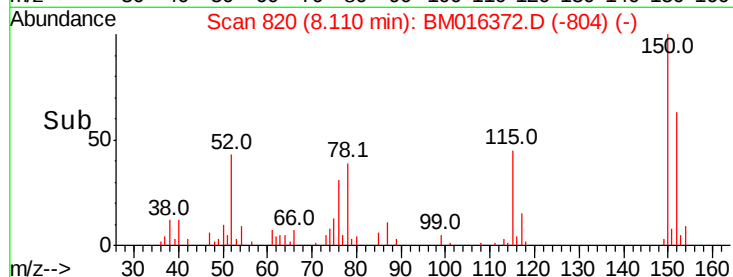
115 71.6 43.0 64.4#



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: N.D. ng

RT: 5.65 min Scan# 401

Delta R.T. 0.00 min

Lab File: BM016372.D

Acq: 15 Aug 2018 03:30

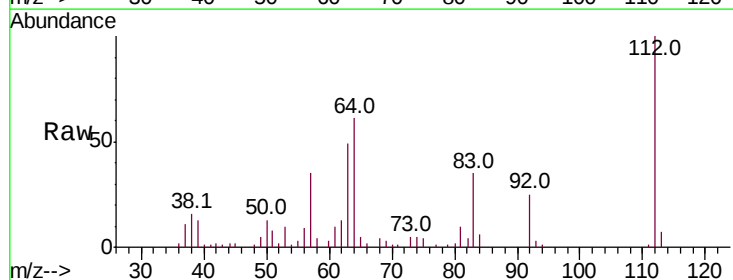
Tgt Ion:112 Resp: 59735

Ion Ratio Lower Upper

112 100

64 60.8 38.6 57.8#

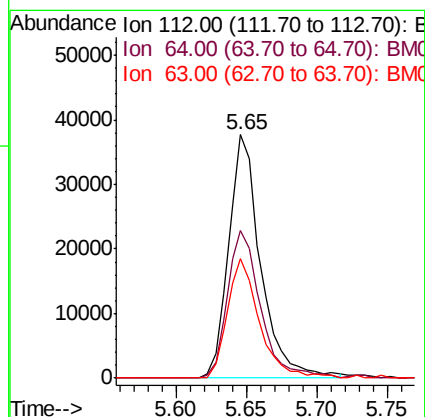
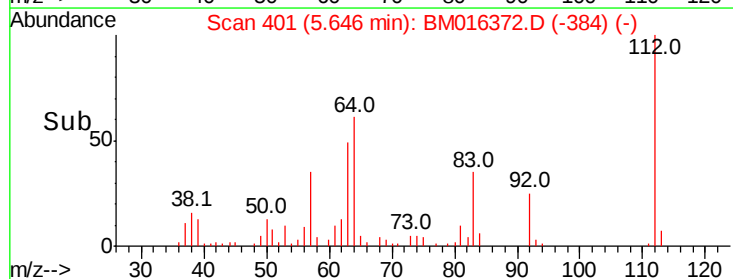
63 49.0 19.3 28.9#



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: N.D. ng

RT: 7.29 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM016372.D

Acq: 15 Aug 2018 03:30

Instrument :

BNA\_M

ClientSampleId :

080918-TIPC-F-D-B

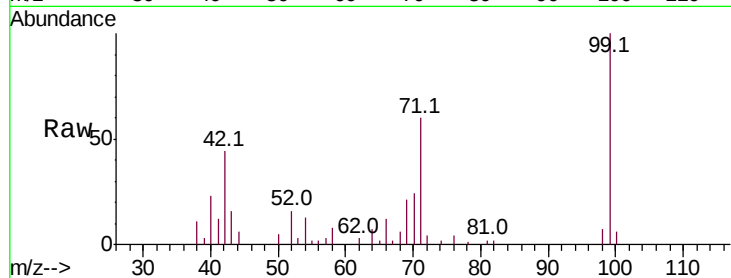
Tot Ion: 99 Resp: 41410

Ion Ratio Lower Upper

99 100

42 43.9 11.0 16.4#

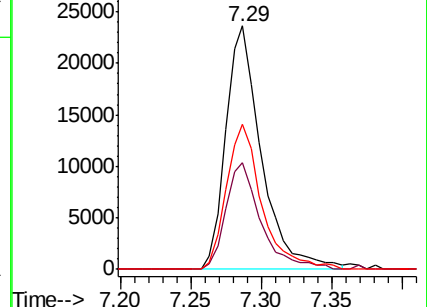
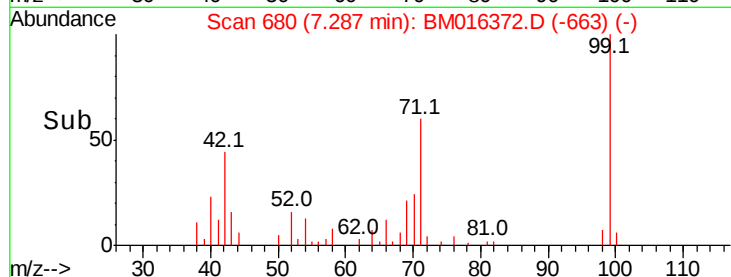
71 59.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016372.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016372.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016372.D (-663) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BM016372.D

Acq: 15 Aug 2018 03:30

Tgt Ion: 136 Resp: 84819

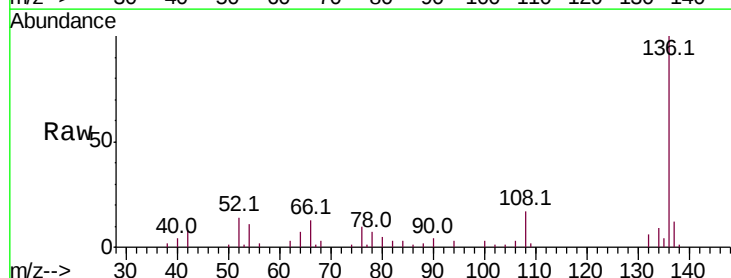
Ion Ratio Lower Upper

136 100

137 11.9 8.7 13.1

54 11.3 4.6 6.8#

68 3.4 3.7 5.5#

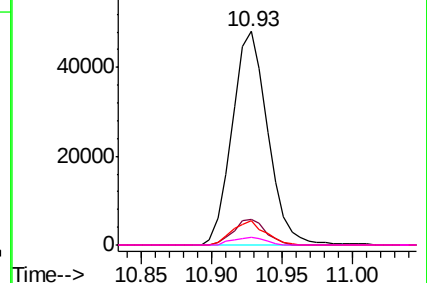
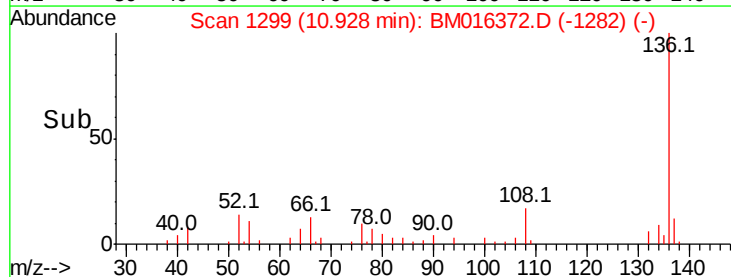


Abundance Ion 136.00 (135.70 to 136.70): BM016372.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016372.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016372.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016372.D (-1282) (-)

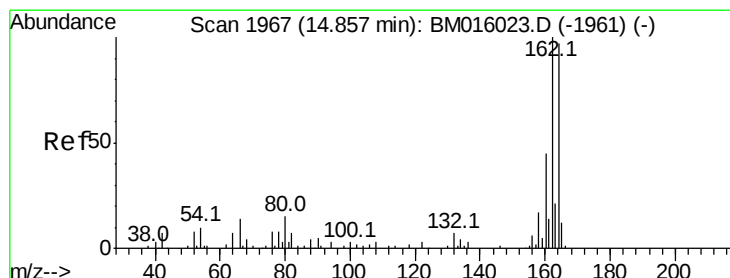
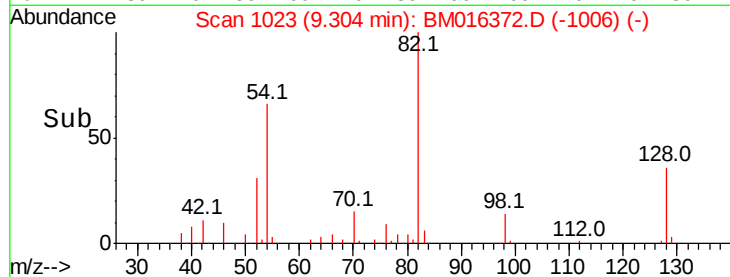
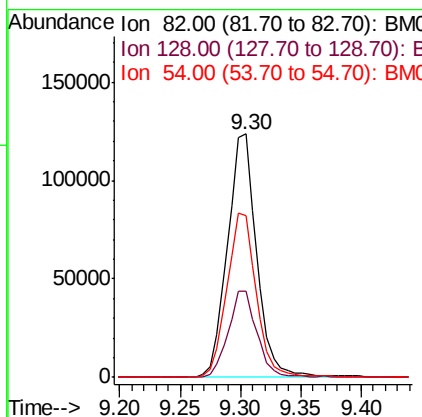
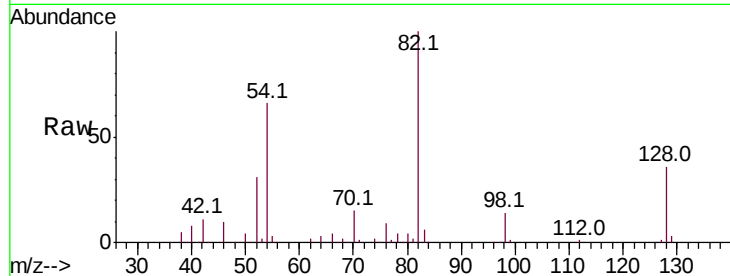




#23  
Nitrobenzene-d5  
Concen: N.D. ng  
RT: 9.30 min Scan# 1023  
Delta R.T. 0.00 min  
Lab File: BM016372.D  
Acq: 15 Aug 2018 03:30

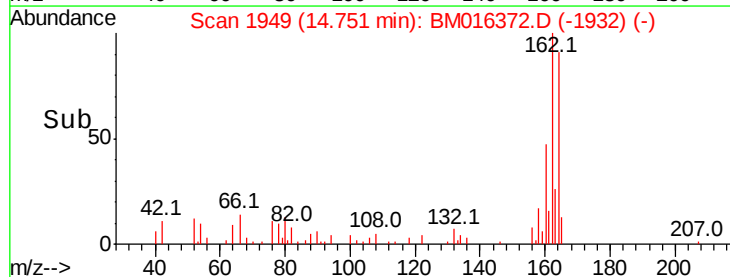
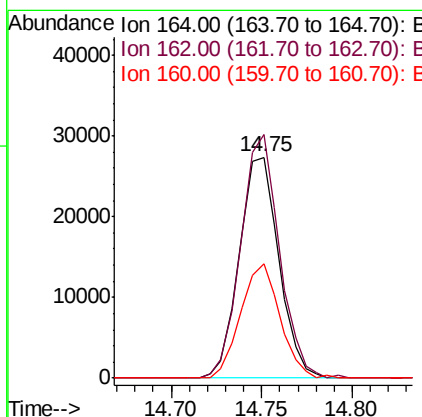
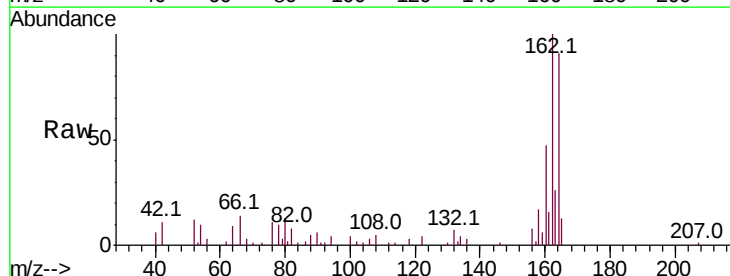
Instrument :  
BNA\_M  
ClientSampleId :  
080918-TIPC-F-D-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 35.5  | 32.8  | 49.2  |
| 54      | 66.2  | 40.6  | 60.8# |



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.75 min Scan# 1949  
Delta R.T. 0.00 min  
Lab File: BM016372.D  
Acq: 15 Aug 2018 03:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 110.3 | 82.4  | 123.6 |
| 160     | 51.8  | 35.8  | 53.6  |

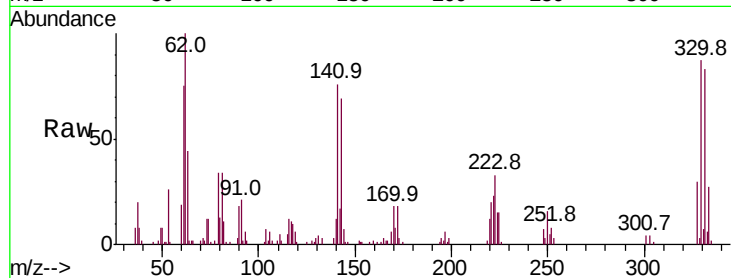




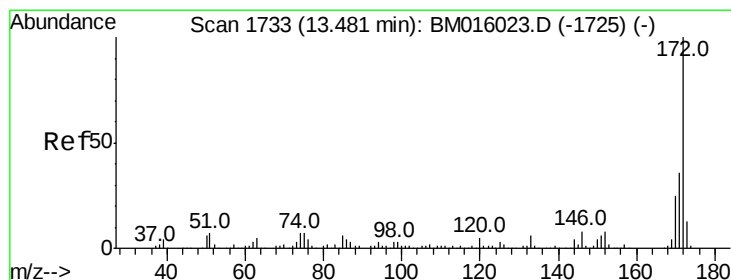
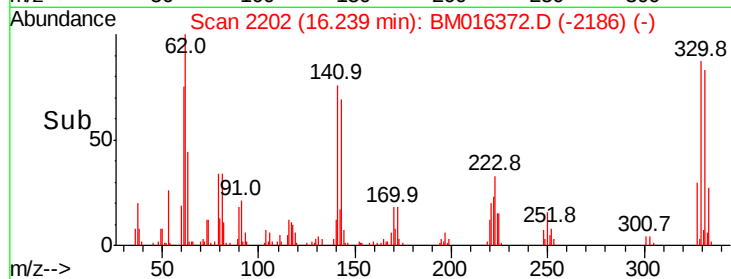
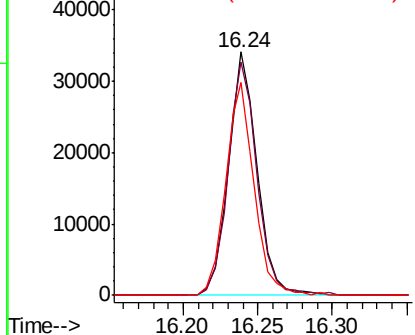
#41  
 2,4,6-Tribromophenol  
 Concen: N.D. ng  
 RT: 16.24 min Scan# 2202  
 Delta R.T. -0.01 min  
 Lab File: BM016372.D  
 Acq: 15 Aug 2018 03:30

Instrument :  
 BNA\_M  
 ClientSampleId :  
 080918-TIPC-F-D-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.5  | 0.0   | 0.0#  |
| 141     | 86.8  | 0.0   | 0.0#  |

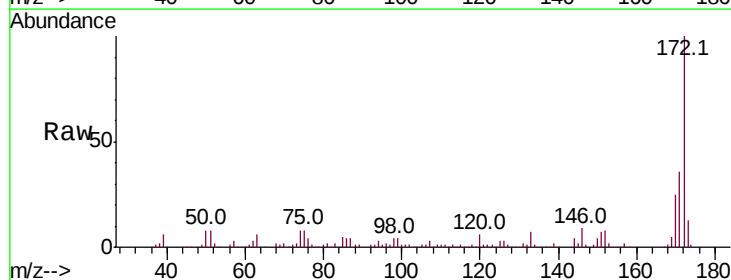


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

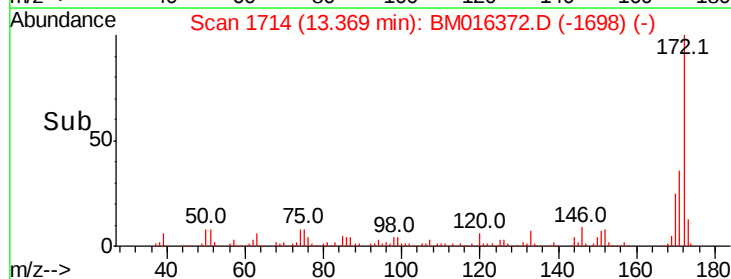
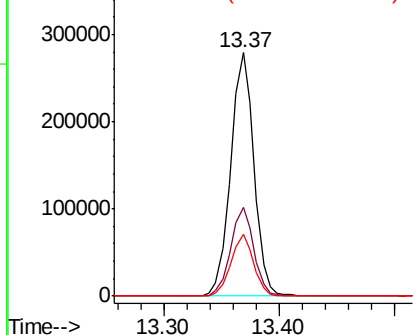


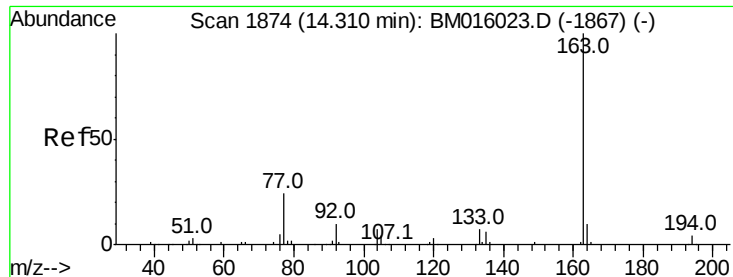
#44  
 2-Fluorobiphenyl  
 Concen: N.D. ng  
 RT: 13.37 min Scan# 1714  
 Delta R.T. -0.01 min  
 Lab File: BM016372.D  
 Acq: 15 Aug 2018 03:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.4  | 28.5  | 42.7  |
| 170     | 25.4  | 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: 5.891 ng

RT: 14.20 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM016372.D

Acq: 15 Aug 2018 03:30

Instrument :

BNA\_M

ClientSampleId :

080918-TIPC-F-D-B

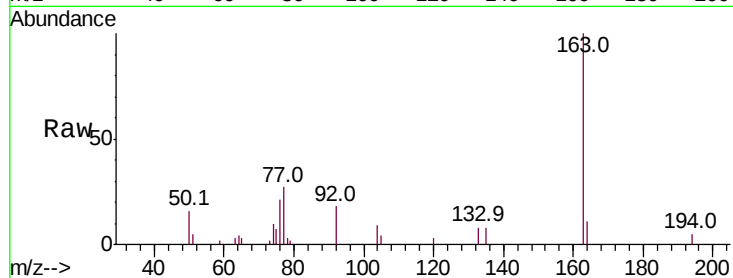
Tot Ion:163 Resp: 21432

Ion Ratio Lower Upper

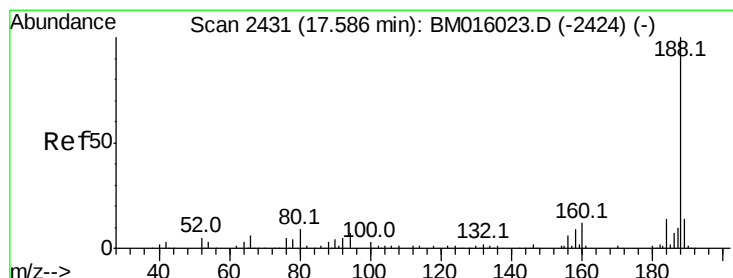
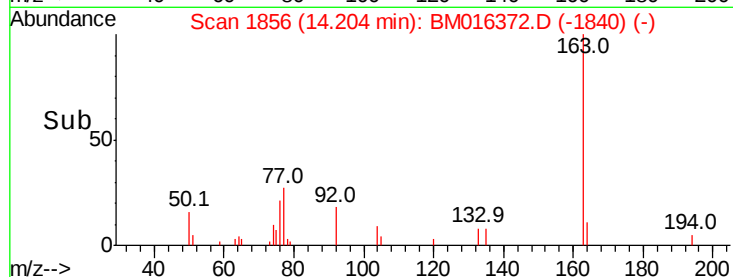
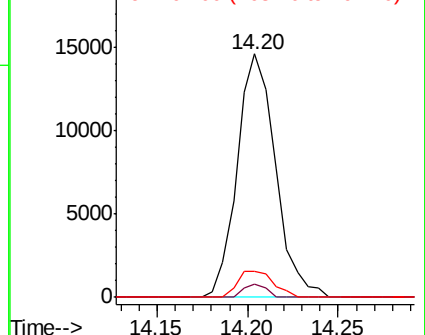
163 100

194 5.2 2.7 4.1#

164 10.7 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: 17.49 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM016372.D

Acq: 15 Aug 2018 03:30

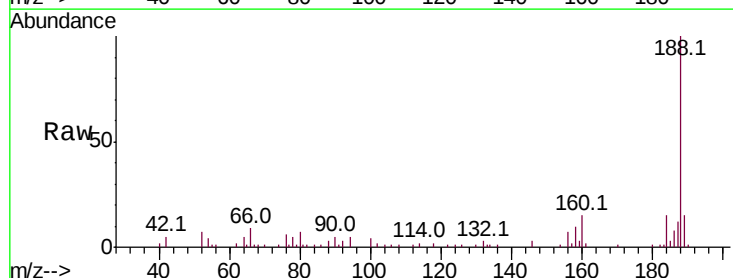
Tgt Ion:188 Resp: 84261

Ion Ratio Lower Upper

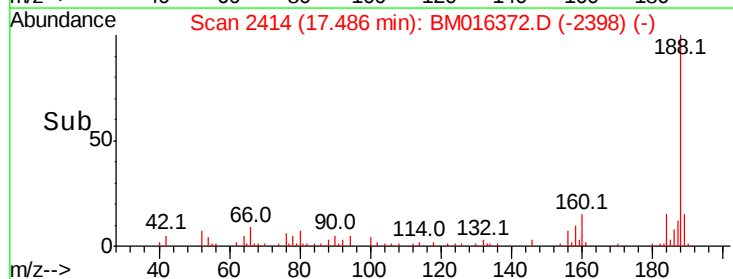
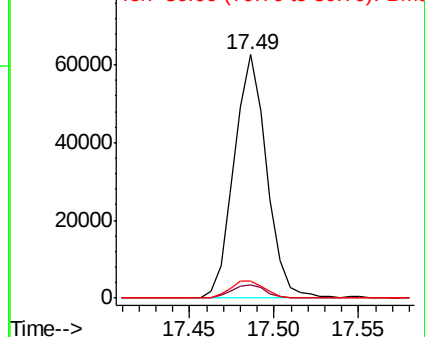
188 100

94 5.3 8.7 13.1#

80 8.1 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: 21.62 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM016372.D

Acq: 15 Aug 2018 03:30

Instrument :

BNA\_M

ClientSampleId :

080918-TIPC-F-D-B

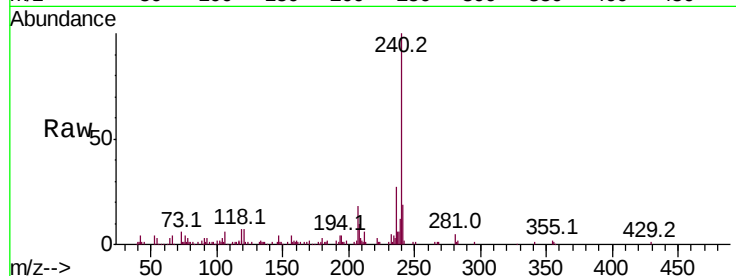
Tot Ion:240 Resp: 100166

Ion Ratio Lower Upper

240 100

120 7.4 8.2 12.2#

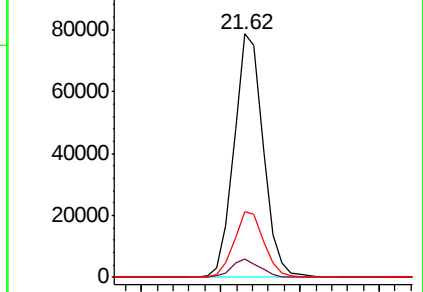
236 26.8 20.0 30.0



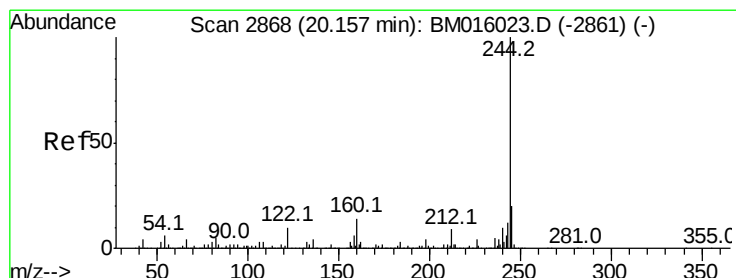
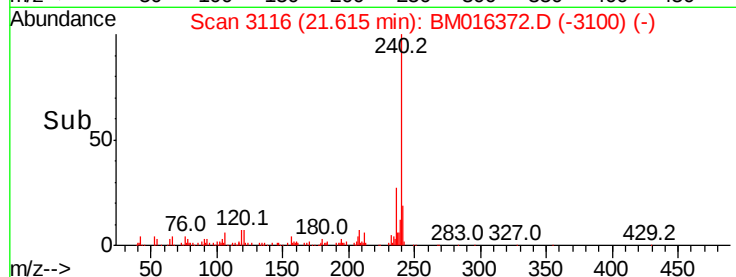
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.07 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BM016372.D

Acq: 15 Aug 2018 03:30

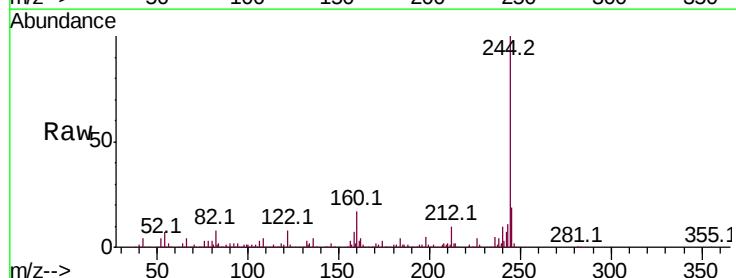
Tgt Ion:244 Resp: 507076

Ion Ratio Lower Upper

244 100

212 10.3 4.9 7.3#

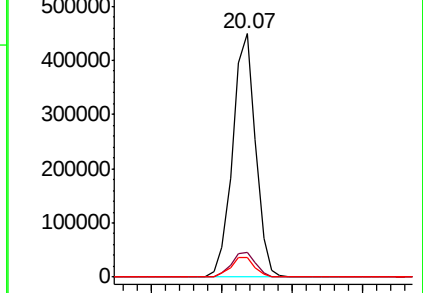
122 8.1 6.2 9.4



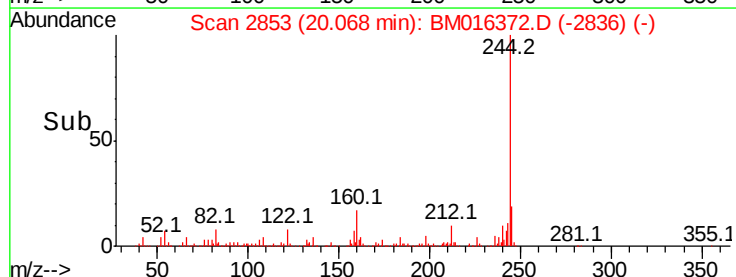
Abundance Ion 244.00 (243.70 to 244.70): E

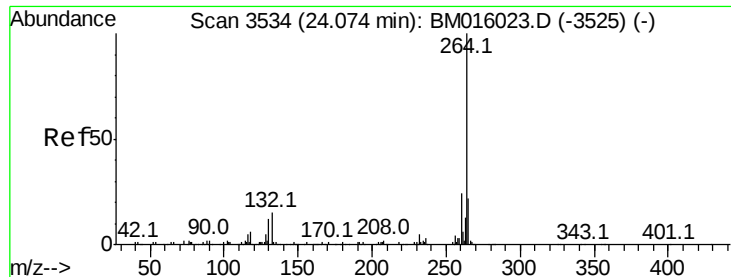
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

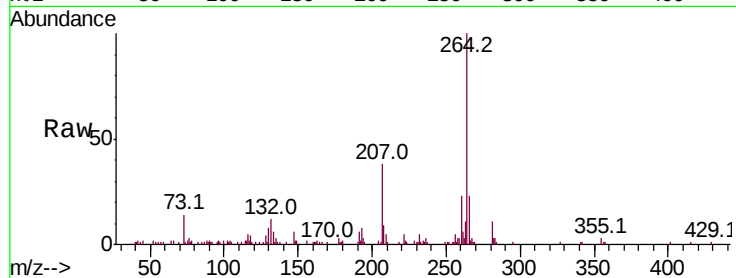




#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 23.94 min Scan# 3512  
 Delta R.T. 0.00 min  
 Lab File: BM016372.D  
 Acq: 15 Aug 2018 03:30

Instrument :  
 BNA\_M  
 ClientSampleId :  
 080918-TIPC-F-D-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.0  | 18.6  | 27.8  |
| 265     | 23.4  | 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

