

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM120618\  
 Data File : BM017957.D  
 Acq On : 06 Dec 2018 05:02  
 Operator : JU/SJ  
 Sample : J6208-22  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DFTPP

Quant Time: Dec 06 07:24:55 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM111218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 12 18:37:25 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.56  | 152  | 154145   | 20.00  | ng    | -0.05    |
| 21) Naphthalene-d8          | 10.33 | 136  | 543185   | 20.00  | ng    | -0.05    |
| 39) Acenaphthene-d10        | 14.21 | 164  | 276031   | 20.00  | ng    | -0.05    |
| 64) Phenanthrene-d10        | 16.97 | 188  | 562973   | 20.00  | ng    | -0.05    |
| 76) Chrysene-d12            | 21.18 | 240  | 570882   | 20.00  | ng    | -0.04    |
| 87) Perylene-d12            | 23.36 | 264  | 597225   | 20.00  | ng    | -0.05    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.19  | 112  | 857617   | 93.90  | ng    | -0.05    |
| 7) Phenol-d6                | 6.75  | 99   | 923092   | 72.36  | ng    | -0.05    |
| 23) Nitrobenzene-d5         | 8.72  | 82   | 763971   | 72.61  | ng    | -0.06    |
| 42) 2,4,6-Tribromophenol    | 15.72 | 330  | 406477   | 102.49 | ng    | -0.05    |
| 45) 2-Fluorobiphenyl        | 12.82 | 172  | 1668185  | 78.40  | ng    | -0.05    |
| 79) Terphenyl-d14           | 19.62 | 244  | 2030787  | 80.62  | ng    | -0.04    |

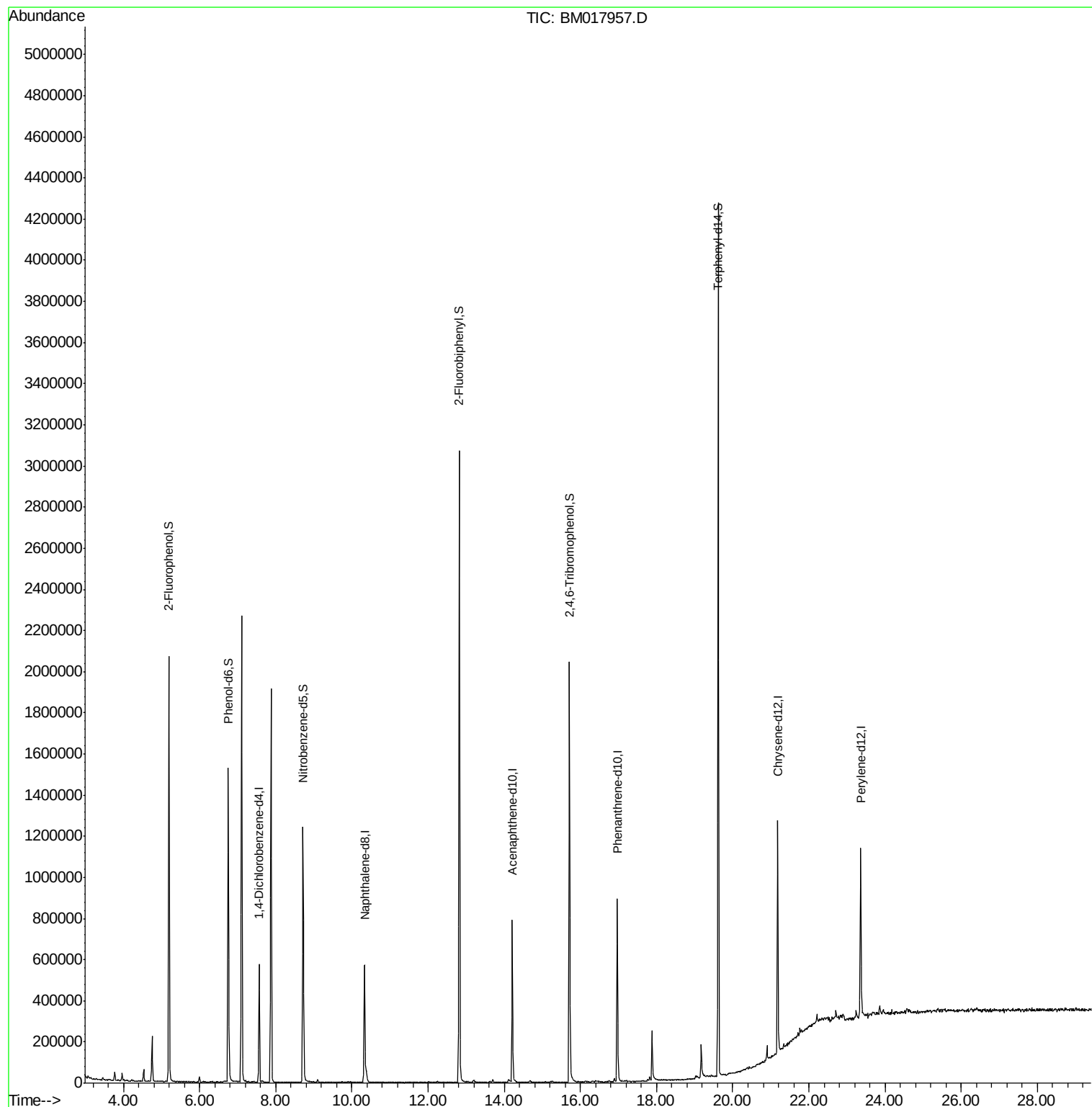
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

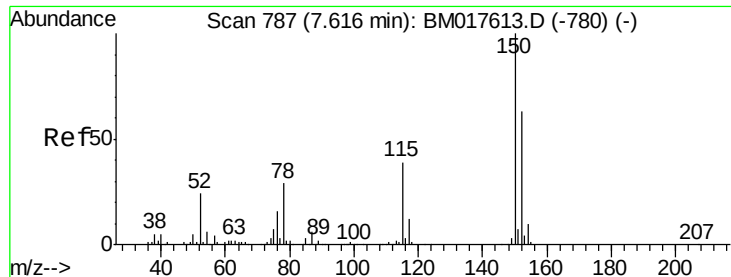
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM120618\  
Data File : BM017957.D  
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Sample : J6208-22  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP

Quant Time: Dec 06 07:24:55 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM111218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Nov 12 18:37:25 2018  
Response via : Initial Calibration



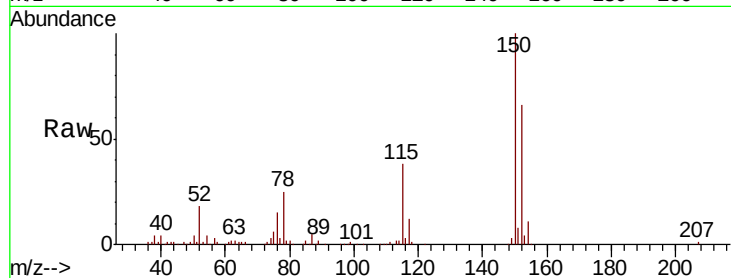


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.56 min Scan# 778  
Delta R.T. -0.05 min  
Lab File: BM017957.D  
Acq: 06 Dec 2018 05:02

Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 150.5 | 126.4 | 189.6 |
| 115     | 57.5  | 49.4  | 74.0  |

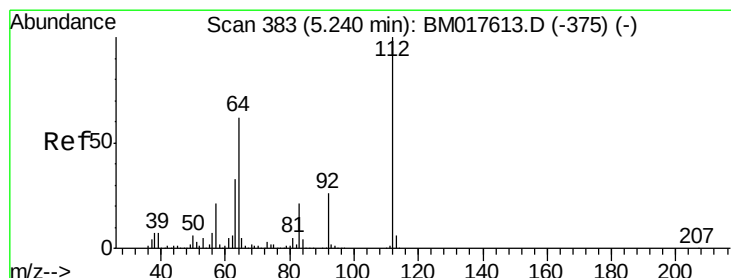
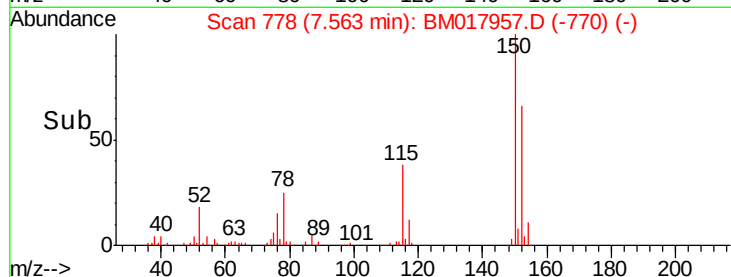
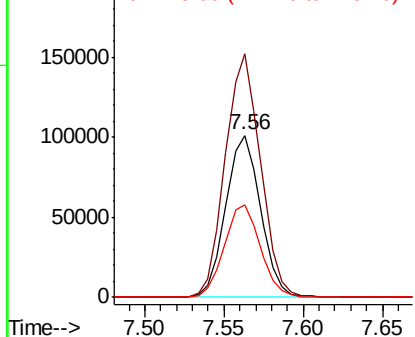


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

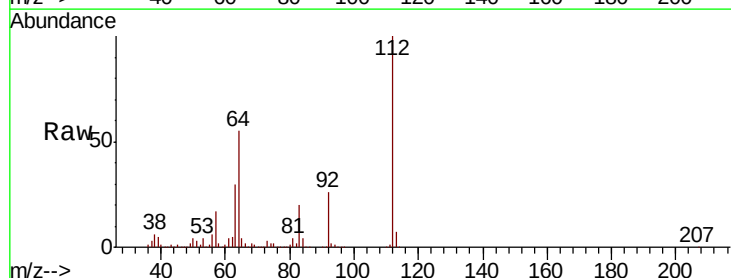
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 93.896 ng  
RT: 5.19 min Scan# 375  
Delta R.T. -0.05 min  
Lab File: BM017957.D  
Acq: 06 Dec 2018 05:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 55.2  | 49.3  | 73.9  |
| 63      | 29.5  | 26.2  | 39.4  |

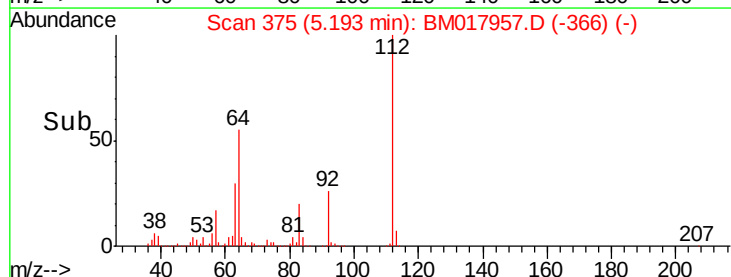
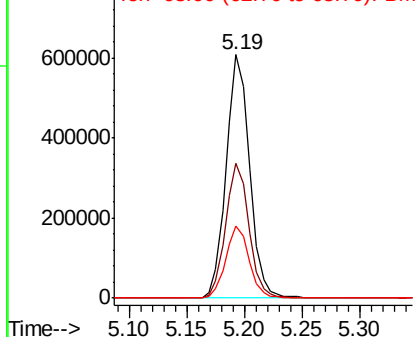


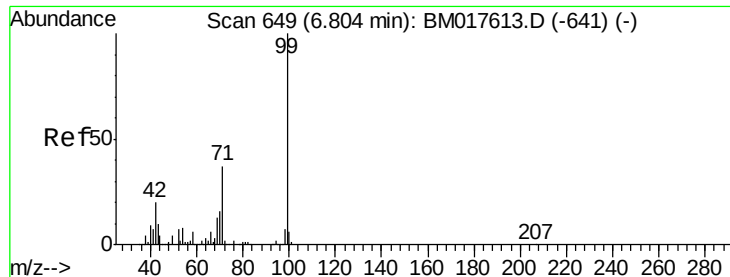
Abundance

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: 72.362 ng

RT: 6.75 min Scan# 640

Delta R.T. -0.05 min

Lab File: BM017957.D

Acq: 06 Dec 2018 05:02

Instrument :

BNA\_M

ClientSampleId :

DFTPP

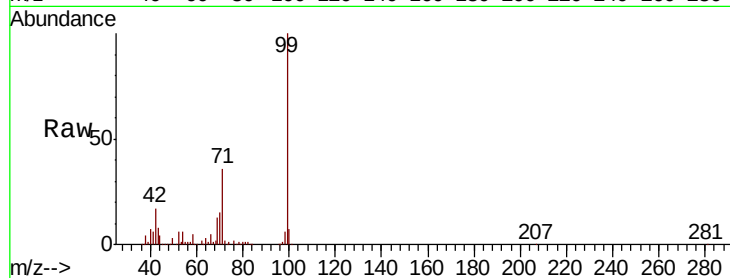
Tgt Ion: 99 Resp: 923092

Ion Ratio Lower Upper

99 100

42 16.7 16.3 24.5

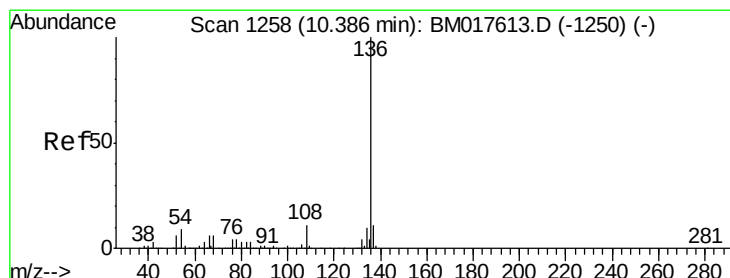
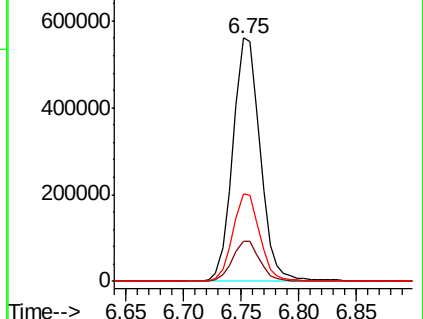
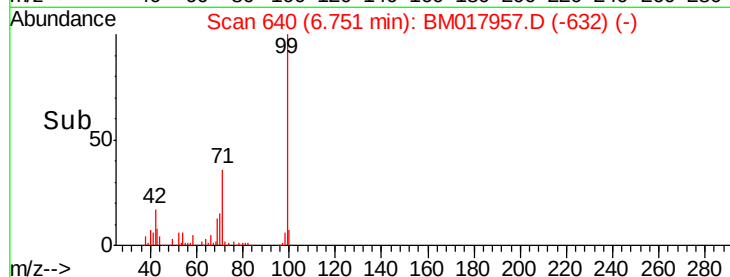
71 35.8 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017957.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM017957.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM017957.D (-632) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1249

Delta R.T. -0.05 min

Lab File: BM017957.D

Acq: 06 Dec 2018 05:02

Tgt Ion: 136 Resp: 543185

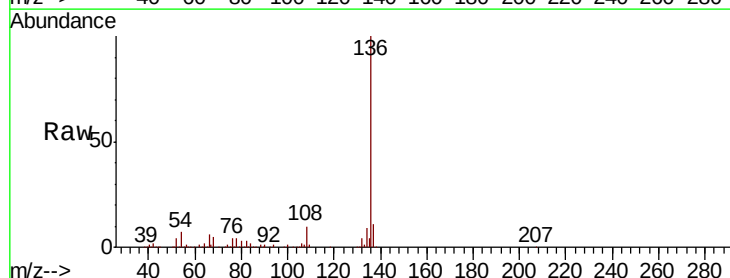
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 6.5 7.0 10.6#

68 5.5 4.9 7.3

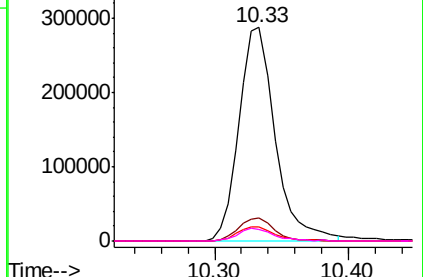
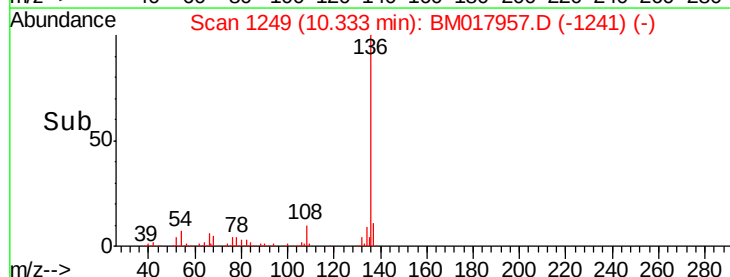


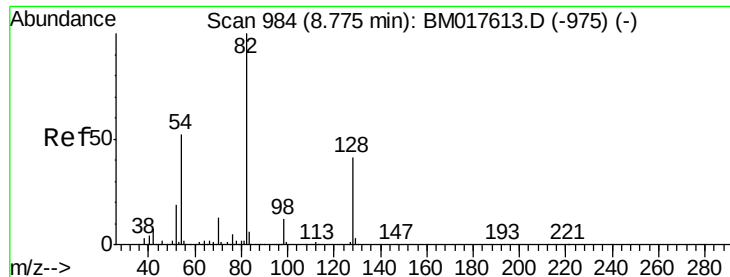
Abundance Ion 136.00 (135.70 to 136.70): BM017957.D (-1241) (-)

Ion 137.00 (136.70 to 137.70): BM017957.D (-1241) (-)

Ion 54.00 (53.70 to 54.70): BM017957.D (-1241) (-)

Ion 68.00 (67.70 to 68.70): BM017957.D (-1241) (-)

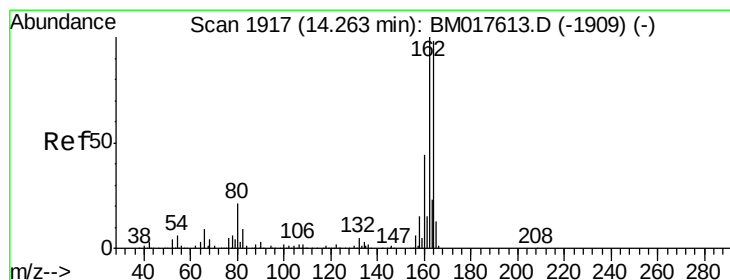
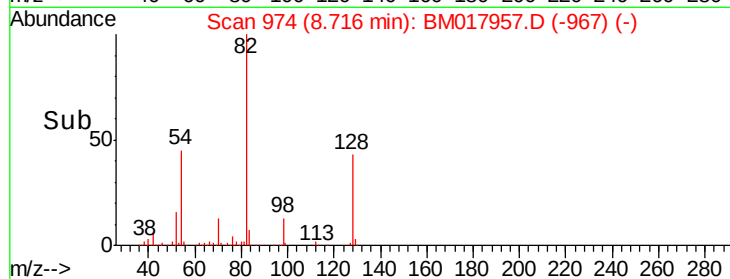
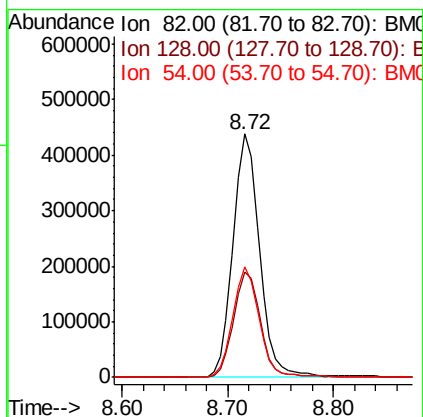
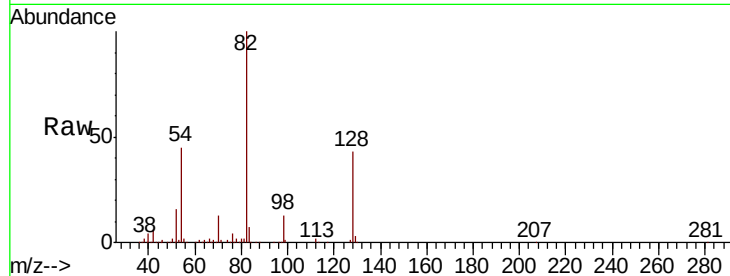




#23  
 Nitrobenzene-d5  
 Concen: 72.609 ng  
 RT: 8.72 min Scan# 974  
 Delta R.T. -0.06 min  
 Lab File: BM017957.D  
 Acq: 06 Dec 2018 05:02

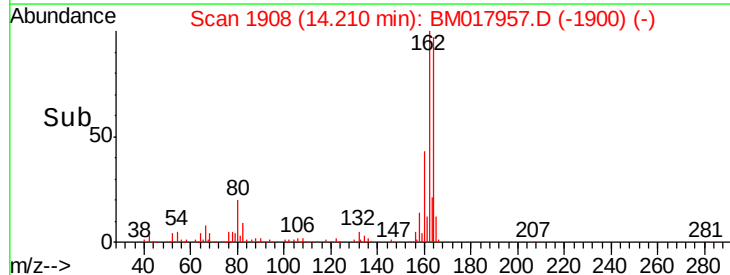
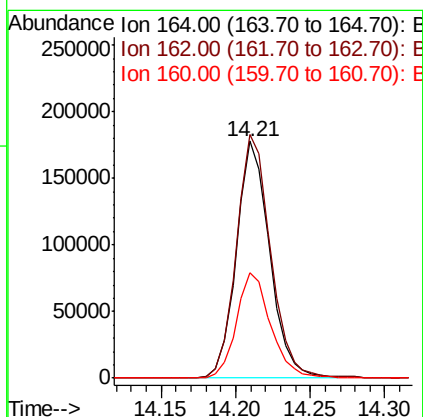
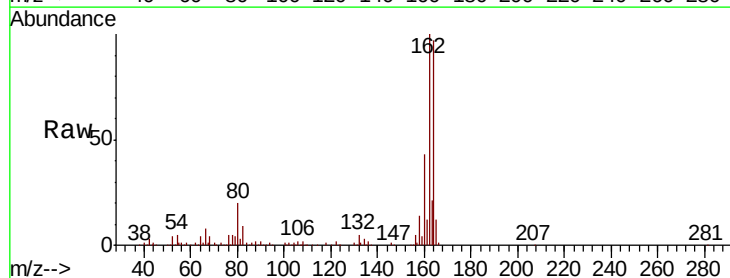
Instrument :  
 BNA\_M  
 ClientSampleId :  
 DFTPP

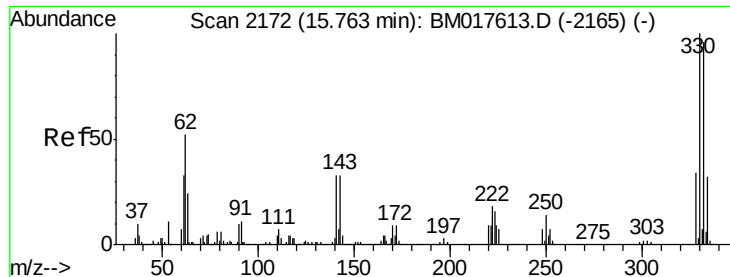
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 43.3  | 33.0  | 49.4  |
| 54      | 45.2  | 41.4  | 62.2  |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.21 min Scan# 1908  
 Delta R.T. -0.05 min  
 Lab File: BM017957.D  
 Acq: 06 Dec 2018 05:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.7 | 81.4  | 122.0 |
| 160     | 44.6  | 35.6  | 53.4  |





#42

2,4,6-Tribromophenol

Concen: 102.486 ng

RT: 15.72 min Scan# 2164

Delta R.T. -0.05 min

Lab File: BM017957.D

Acq: 06 Dec 2018 05:02

Instrument :

BNA\_M

ClientSampleId :

DFTPP

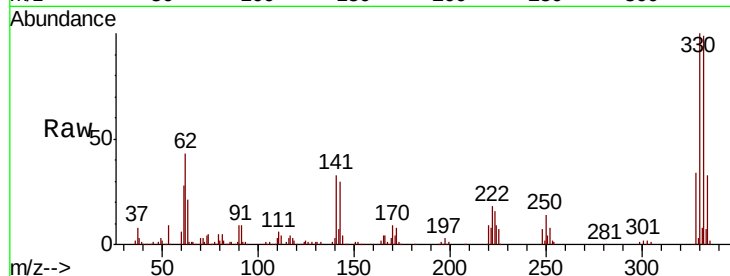
Tgt Ion:330 Resp: 406477

Ion Ratio Lower Upper

330 100

332 97.5 77.9 116.9

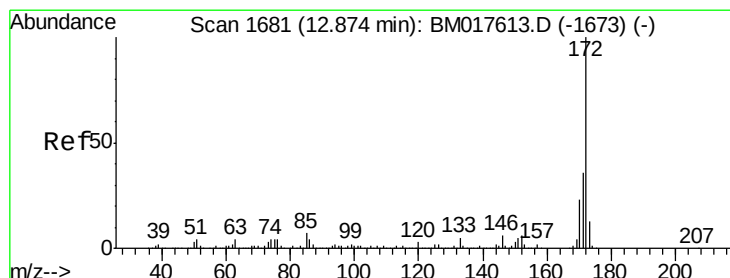
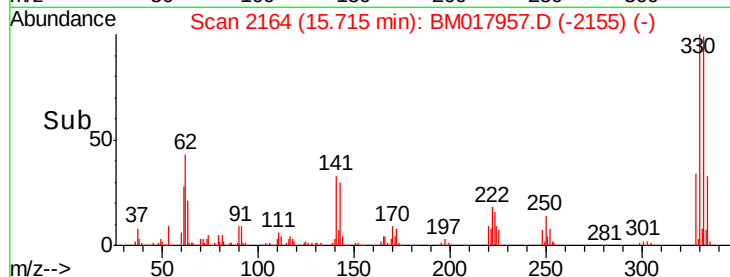
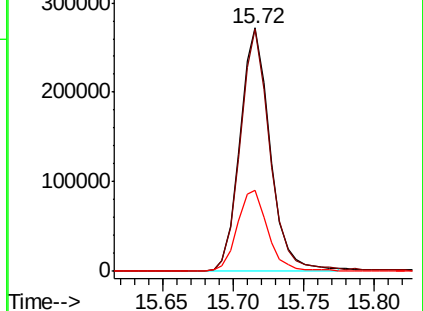
141 33.8 27.5 41.3



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



#45

2-Fluorobiphenyl

Concen: 78.404 ng

RT: 12.82 min Scan# 1672

Delta R.T. -0.05 min

Lab File: BM017957.D

Acq: 06 Dec 2018 05:02

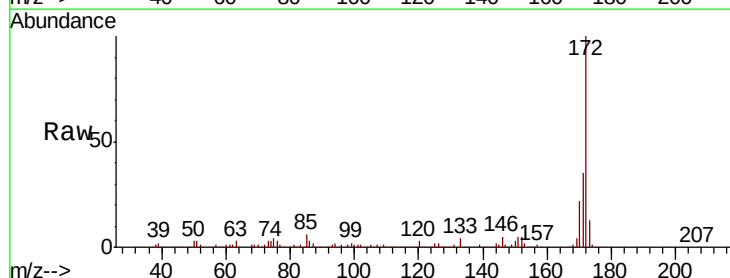
Tgt Ion:172 Resp: 1668185

Ion Ratio Lower Upper

172 100

171 34.6 28.7 43.1

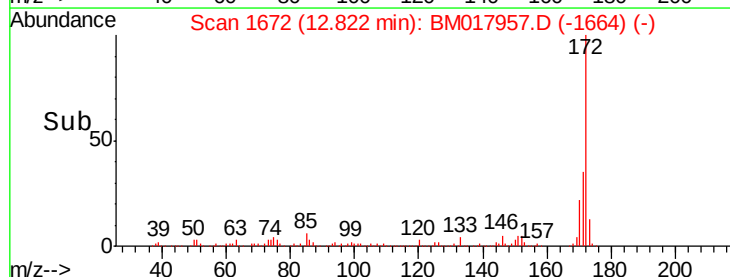
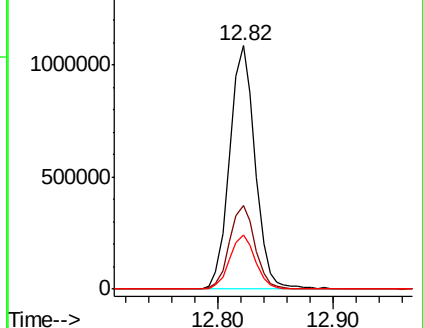
170 22.4 18.3 27.5

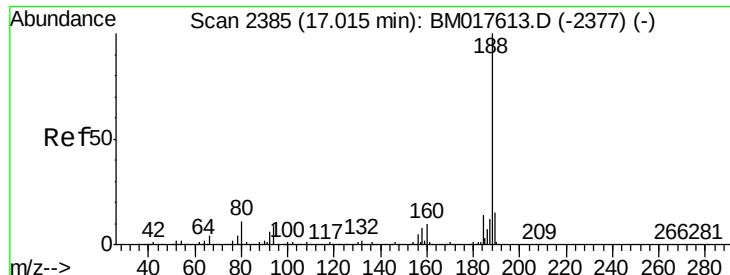


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2377

Delta R.T. -0.05 min

Lab File: BM017957.D

Acq: 06 Dec 2018 05:02

Instrument :

BNA\_M

ClientSampleId :

DFTPP

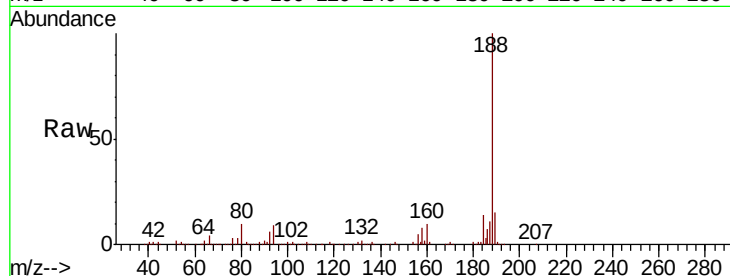
Tgt Ion:188 Resp: 562973

Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

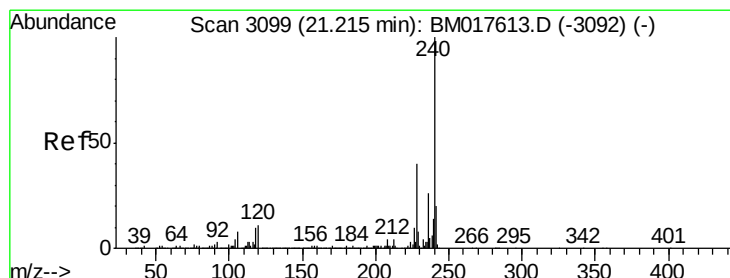
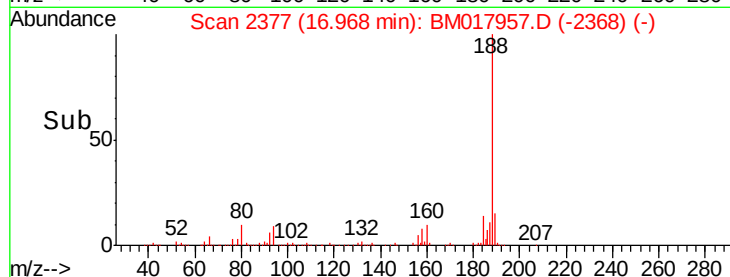
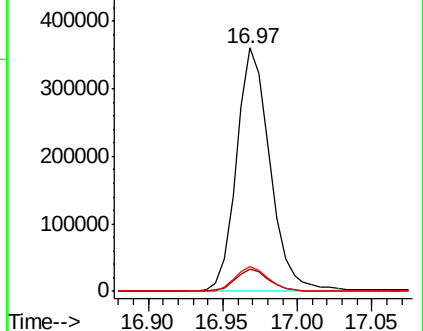
80 10.4 8.6 13.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.04 min

Lab File: BM017957.D

Acq: 06 Dec 2018 05:02

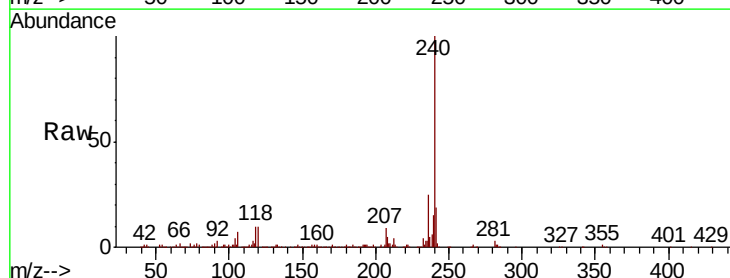
Tgt Ion:240 Resp: 570882

Ion Ratio Lower Upper

240 100

120 9.6 8.5 12.7

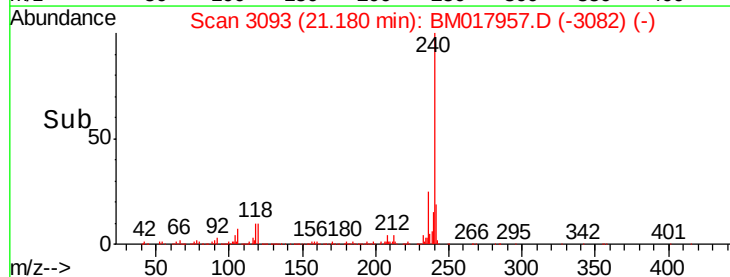
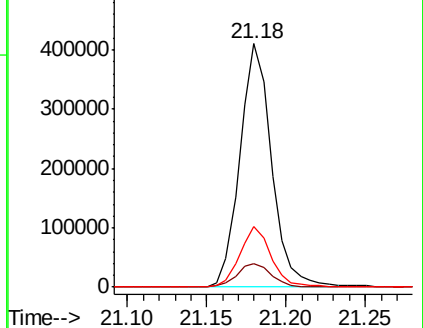
236 24.7 20.4 30.6

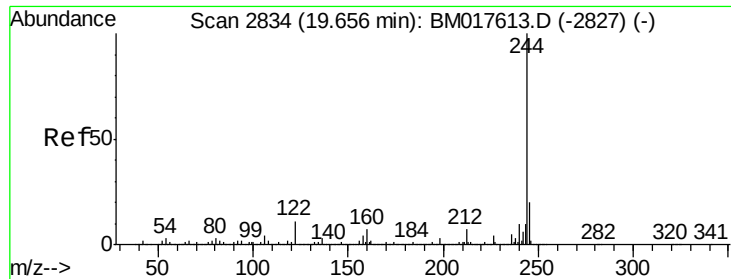


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.623 ng

RT: 19.62 min Scan# 2827

Delta R.T. -0.04 min

Lab File: BM017957.D

Acq: 06 Dec 2018 05:02

Instrument :

BNA\_M

ClientSampleId :

DFTPP

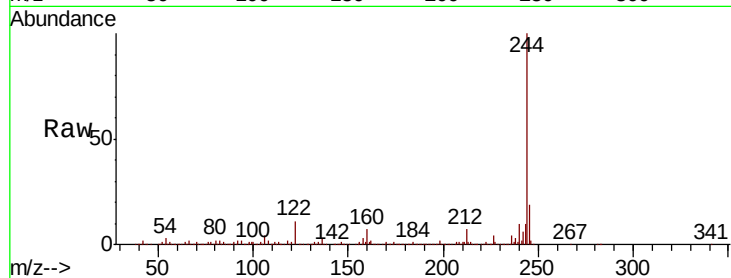
Tgt Ion:244 Resp: 2030787

Ion Ratio Lower Upper

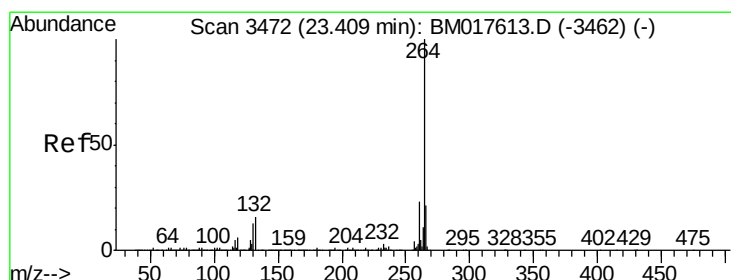
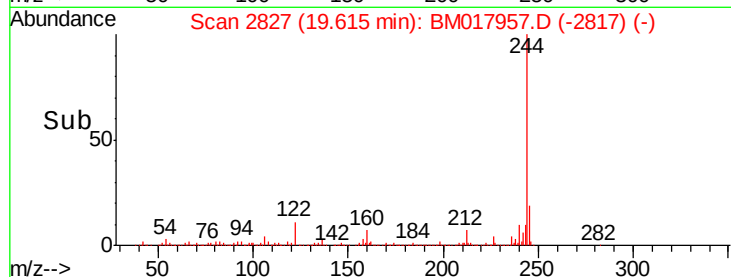
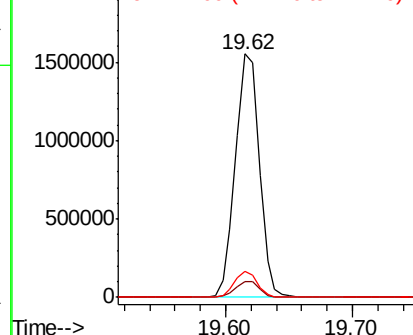
244 100

212 6.7 5.8 8.6

122 10.9 9.0 13.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.36 min Scan# 3464

Delta R.T. -0.05 min

Lab File: BM017957.D

Acq: 06 Dec 2018 05:02

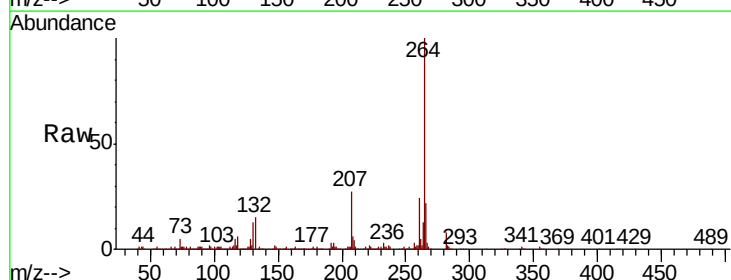
Tgt Ion:264 Resp: 597225

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.2

265 21.9 17.5 26.3



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

