

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090518\  
 Data File : BM016679.D  
 Acq On : 05 Sep 2018 19:43  
 Operator : SJ/JU  
 Sample : J4741-23  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A0C2-03-C

Quant Time: Sep 06 04:14:52 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

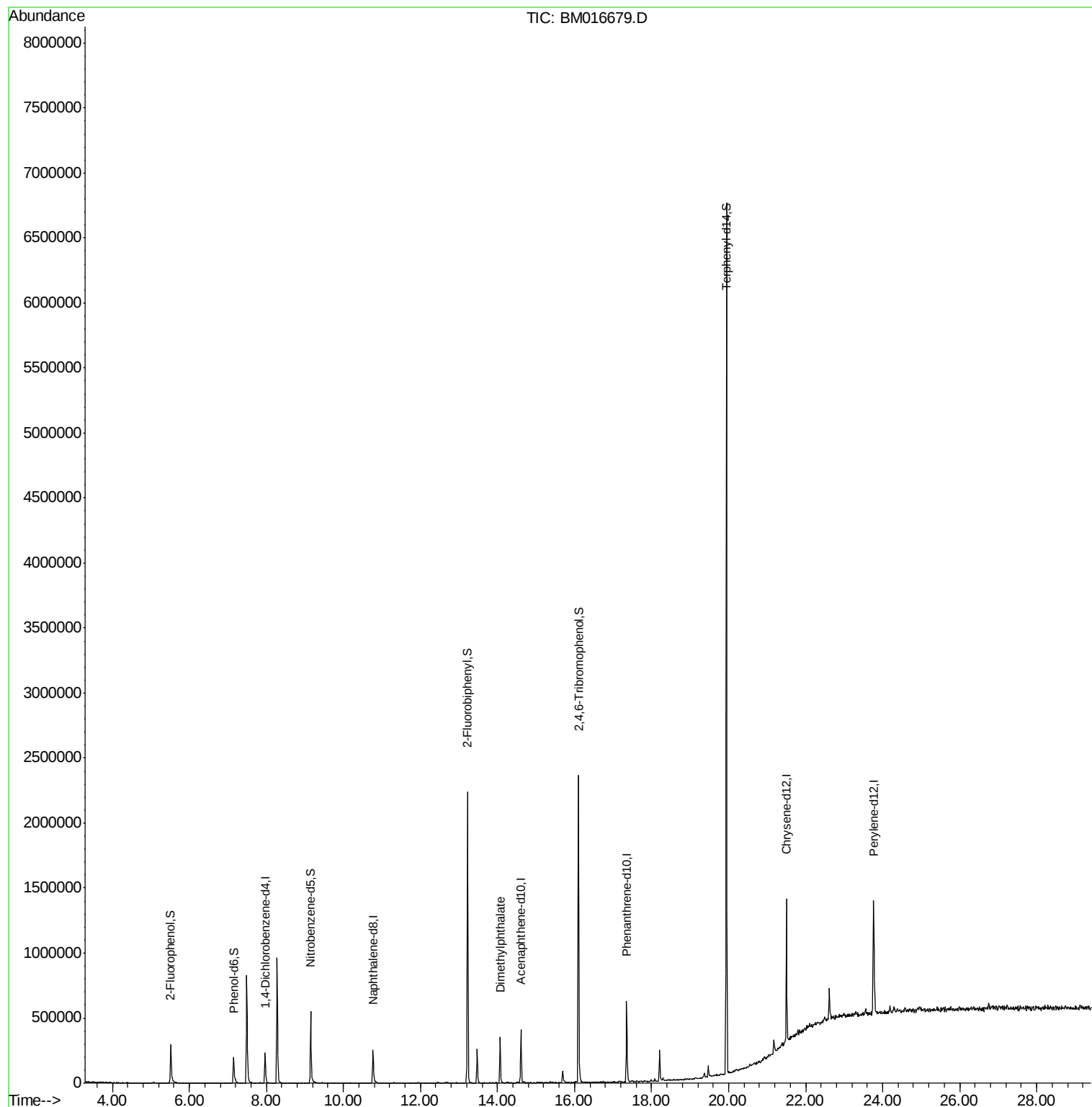
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.97  | 152  | 46121    | 20.00  | ng    | -0.04          |
| 21) Naphthalene-d8          | 10.77 | 136  | 164618   | 20.00  | ng    | -0.04          |
| 38) Acenaphthene-d10        | 14.60 | 164  | 112974   | 20.00  | ng    | -0.04          |
| 63) Phenanthrene-d10        | 17.35 | 188  | 336367   | 20.00  | ng    | -0.04          |
| 75) Chrysene-d12            | 21.50 | 240  | 536896   | 20.00  | ng    | -0.04          |
| 86) Perylene-d12            | 23.76 | 264  | 668613   | 20.00  | ng    | -0.05          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.52  | 112  | 109183   | 46.39  | ng    | -0.03          |
| 7) Phenol-d6                | 7.15  | 99   | 85160    | 27.34  | ng    | -0.03          |
| 23) Nitrobenzene-d5         | 9.15  | 82   | 332140   | 92.12  | ng    | -0.04          |
| 41) 2,4,6-Tribromophenol    | 16.10 | 330  | 373170   | 118.16 | ng    | -0.04          |
| 44) 2-Fluorobiphenyl        | 13.22 | 172  | 915622   | 77.90  | ng    | -0.04          |
| 78) Terphenyl-d14           | 19.94 | 244  | 2516176  | 99.19  | ng    | -0.04          |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 14.07 | 163  | 190028   | 17.508 | ng    | Qvalue<br># 94 |

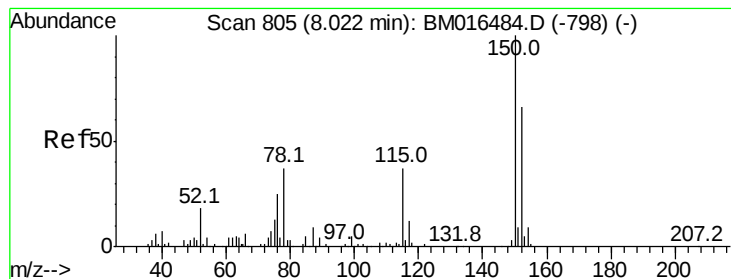
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090518\  
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Sample : J4741-23  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A0C2-03-C

Quant Time: Sep 06 04:14:52 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



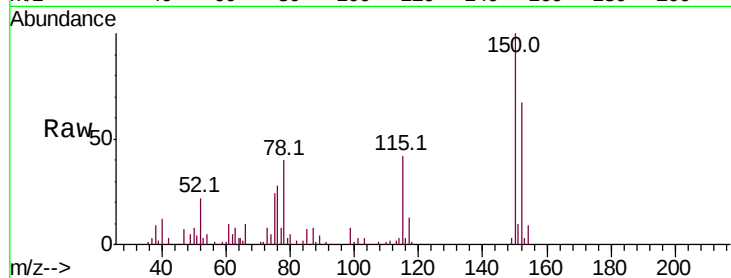


#1

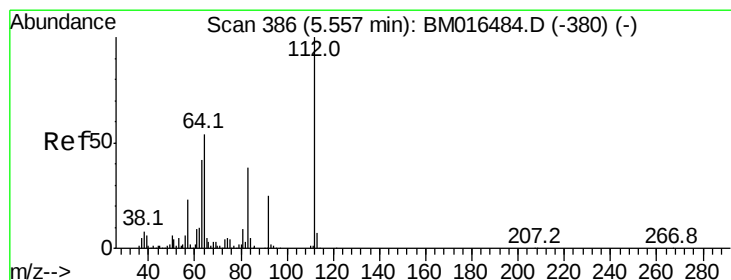
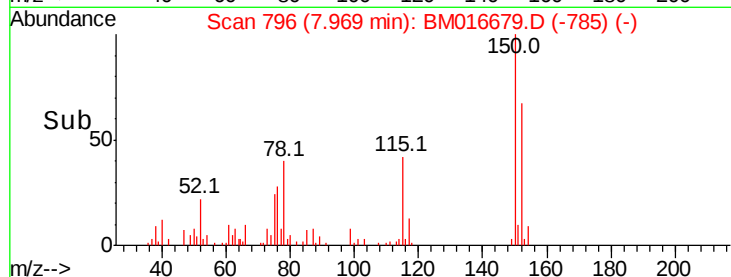
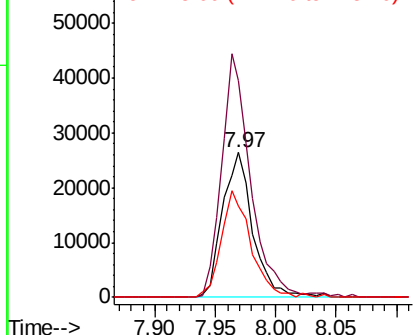
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.97 min Scan# 796  
Delta R.T. -0.04 min  
Lab File: BM016679.D  
Acq: 05 Sep 2018 19:43

Instrument :  
BNA\_M  
ClientSampleId :  
A0C2-03-C

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 149.7 | 119.5 | 179.3 |
| 115     | 62.8  | 43.0  | 64.4  |



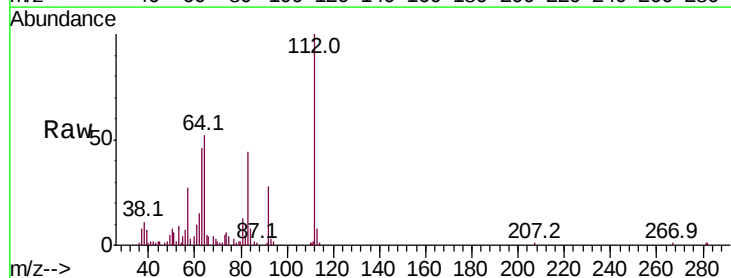
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



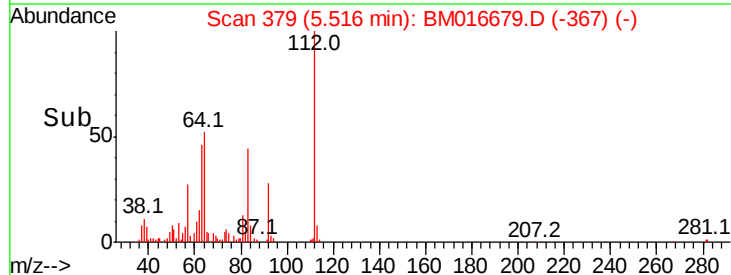
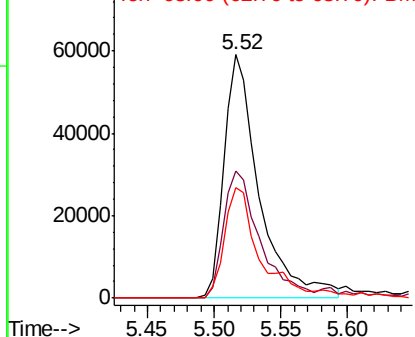
#5

2-Fluorophenol  
Concen: 46.390 ng  
RT: 5.52 min Scan# 379  
Delta R.T. -0.03 min  
Lab File: BM016679.D  
Acq: 05 Sep 2018 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 52.0  | 38.6  | 57.8  |
| 63      | 45.6  | 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: 27.343 ng

RT: 7.15 min Scan# 657

Delta R.T. -0.03 min

Lab File: BM016679.D

Acq: 05 Sep 2018 19:43

Instrument :

BNA\_M

ClientSampleId :

A0C2-03-C

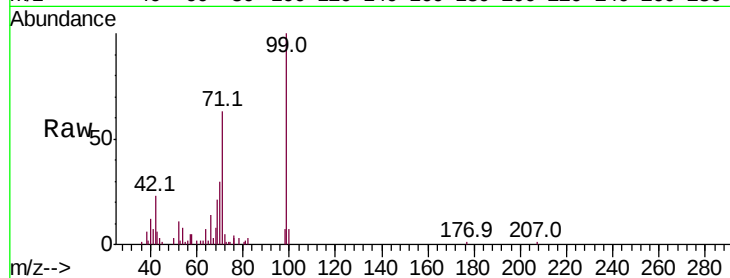
Tot Ion: 99 Resp: 85160

Ion Ratio Lower Upper

99 100

42 23.3 11.0 16.4#

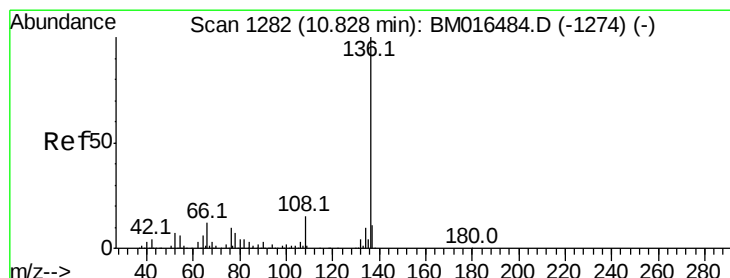
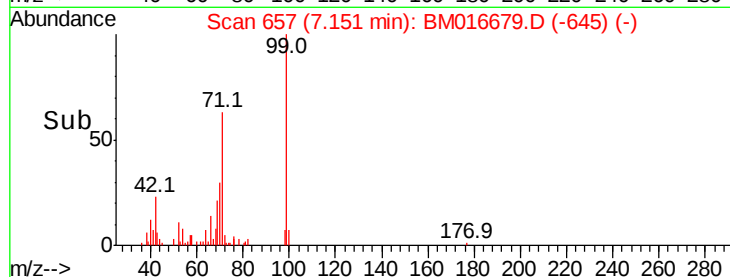
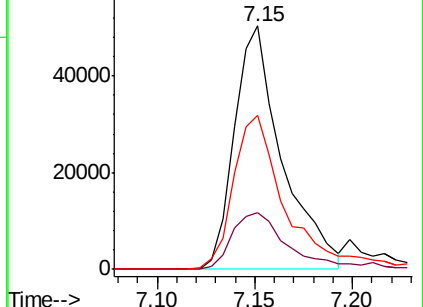
71 63.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016679.D (-645) (-)

Ion 42.00 (41.70 to 42.70): BM016679.D (-645) (-)

Ion 71.00 (70.70 to 71.70): BM016679.D (-645) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1272

Delta R.T. -0.04 min

Lab File: BM016679.D

Acq: 05 Sep 2018 19:43

Tgt Ion: 136 Resp: 164618

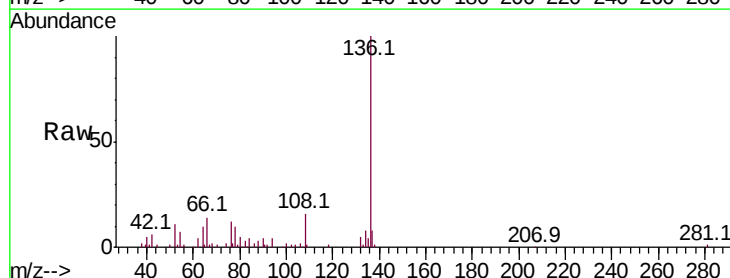
Ion Ratio Lower Upper

136 100

137 8.3 8.7 13.1#

54 7.1 4.6 6.8#

68 2.3 3.7 5.5#

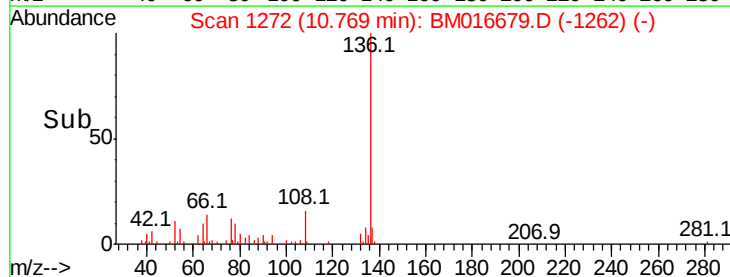
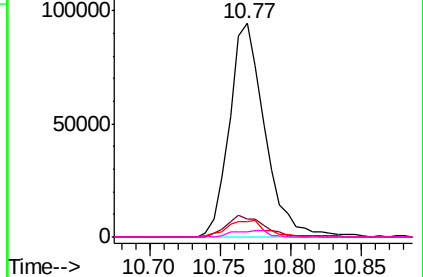


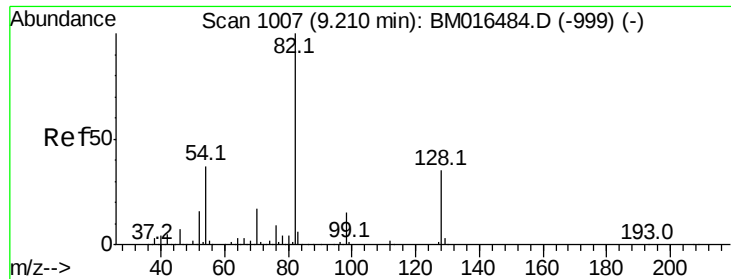
Abundance Ion 136.00 (135.70 to 136.70): BM016679.D (-1262) (-)

Ion 137.00 (136.70 to 137.70): BM016679.D (-1262) (-)

Ion 54.00 (53.70 to 54.70): BM016679.D (-1262) (-)

Ion 68.00 (67.70 to 68.70): BM016679.D (-1262) (-)

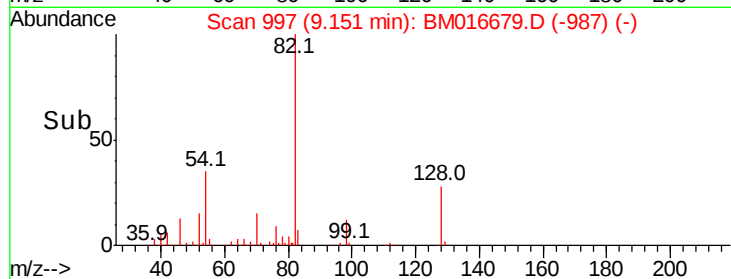
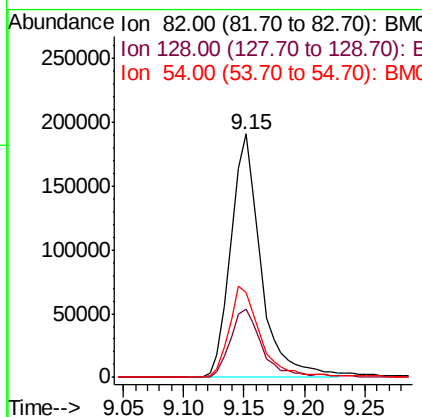
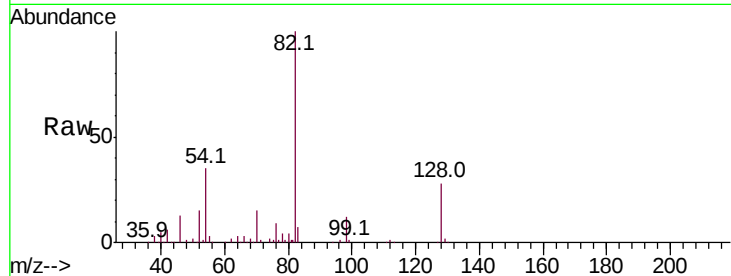




#23  
Nitrobenzene-d5  
Concen: 92.123 ng  
RT: 9.15 min Scan# 997  
Delta R.T. -0.04 min  
Lab File: BM016679.D  
Acq: 05 Sep 2018 19:43

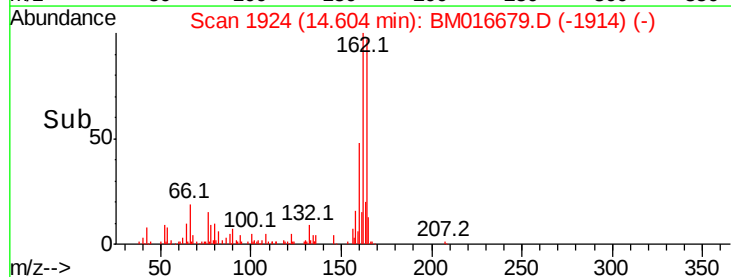
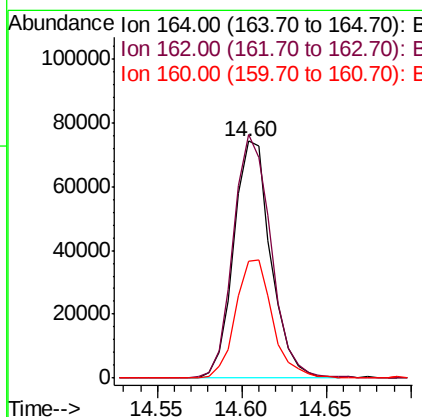
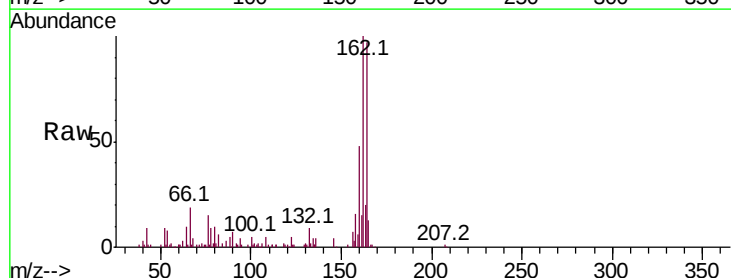
Instrument :  
BNA\_M  
ClientSampleId :  
A0C2-03-C

| Tot Ion   | 82    | Resp  | 332140 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 27.8  | 32.8  | 49.2#  |
| 54        | 35.1  | 40.6  | 60.8#  |



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.60 min Scan# 1924  
Delta R.T. -0.04 min  
Lab File: BM016679.D  
Acq: 05 Sep 2018 19:43

| Tgt Ion   | 164   | Resp  | 112974 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 102.8 | 82.4  | 123.6  |
| 160       | 49.2  | 35.8  | 53.6   |

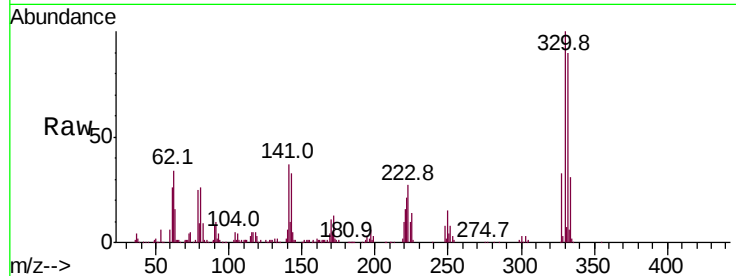




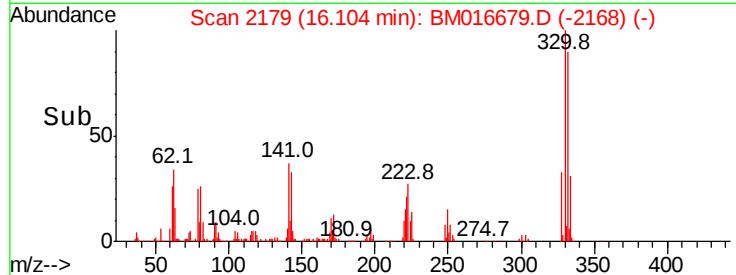
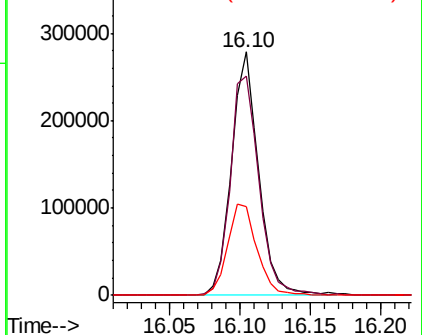
#41  
2,4,6-Tribromophenol  
Concen: 118.163 ng  
RT: 16.10 min Scan# 2179  
Delta R.T. -0.04 min  
Lab File: BM016679.D  
Acq: 05 Sep 2018 19:43

Instrument :  
BNA\_M  
ClientSampleId :  
A0C2-03-C

Tot Ion:330 Resp: 373170  
Ion Ratio Lower Upper  
330 100  
332 95.4 0.0 0.0#  
141 40.7 0.0 0.0#

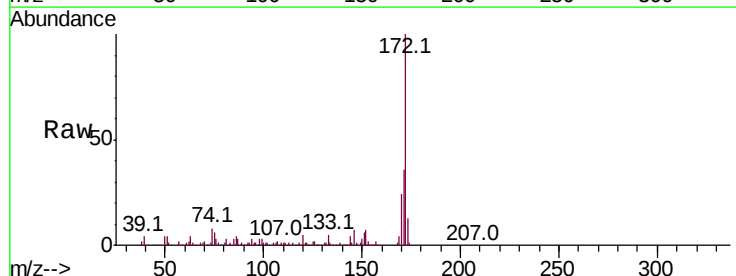


Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

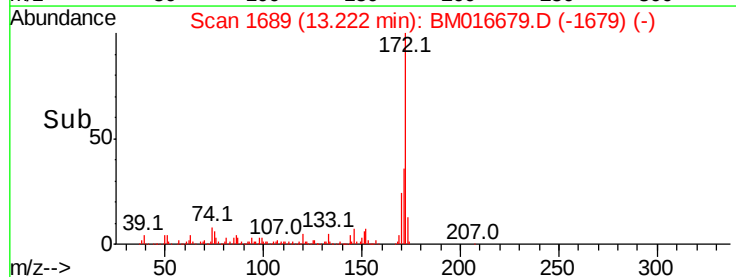
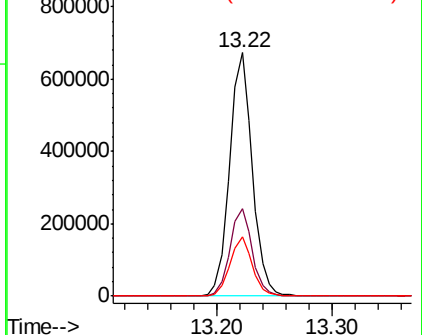


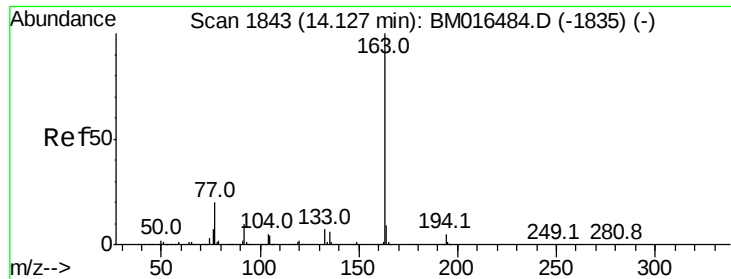
#44  
2-Fluorobiphenyl  
Concen: 77.904 ng  
RT: 13.22 min Scan# 1689  
Delta R.T. -0.04 min  
Lab File: BM016679.D  
Acq: 05 Sep 2018 19:43

Tgt Ion:172 Resp: 915622  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.5 42.7  
170 24.1 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

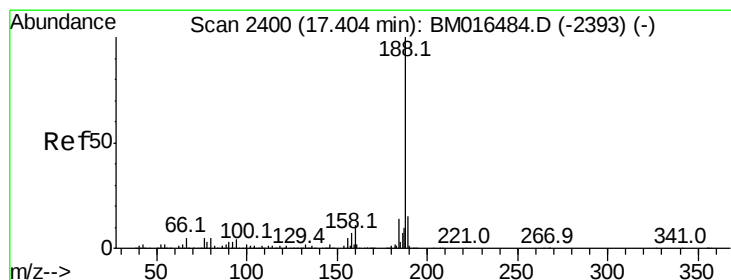
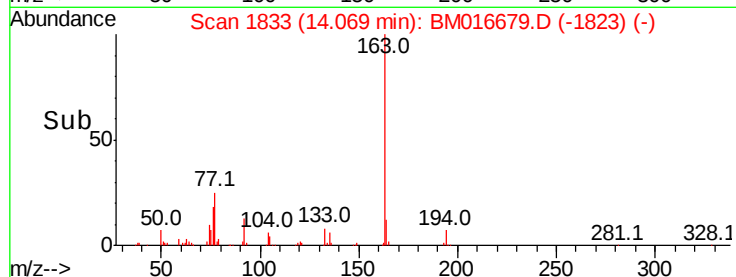
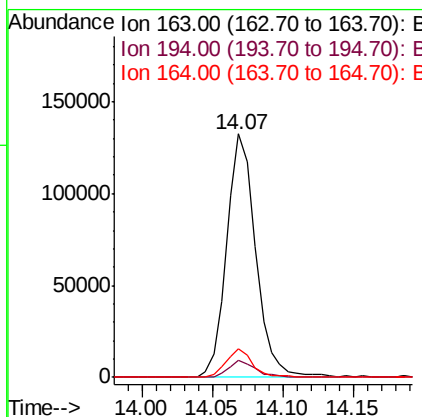
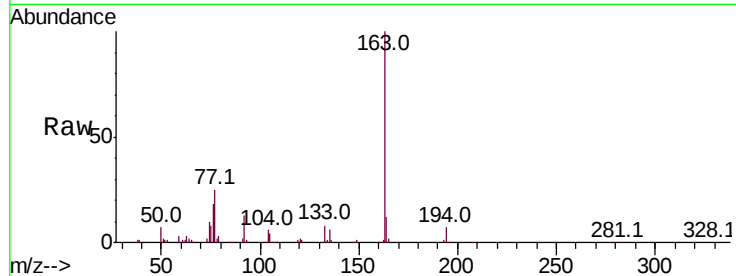




#49  
Dimethylphthalate  
Concen: 17.508 ng  
RT: 14.07 min Scan# 1833  
Delta R.T. -0.04 min  
Lab File: BM016679.D  
Acq: 05 Sep 2018 19:43

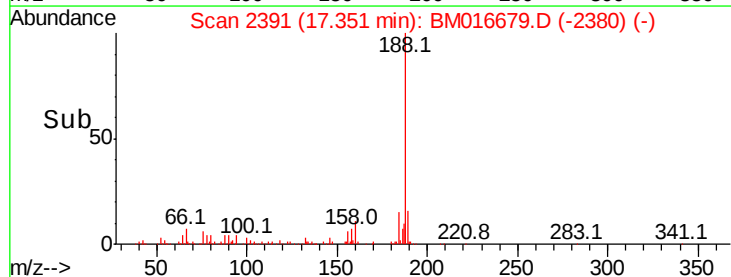
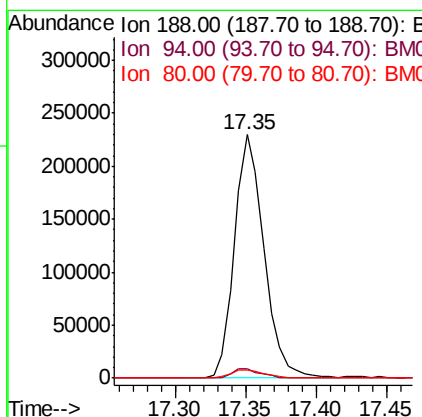
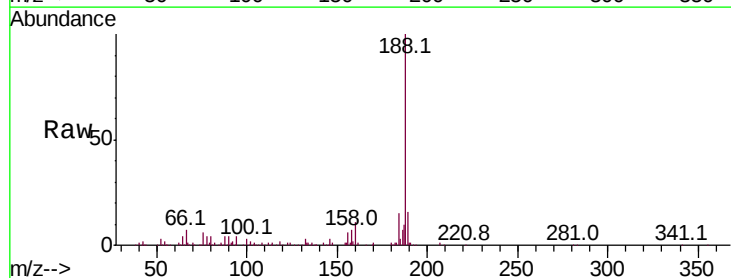
Instrument :  
BNA\_M  
ClientSampleId :  
A0C2-03-C

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 6.9   | 2.7   | 4.1#  |
| 164     | 11.9  | 8.2   | 12.2  |



#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.35 min Scan# 2391  
Delta R.T. -0.04 min  
Lab File: BM016679.D  
Acq: 05 Sep 2018 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 3.7   | 8.7   | 13.1# |
| 80      | 3.6   | 9.3   | 13.9# |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.50 min Scan# 3096

Delta R.T. -0.04 min

Lab File: BM016679.D

Acq: 05 Sep 2018 19:43

Instrument :

BNA\_M

ClientSampleId :

A0C2-03-C

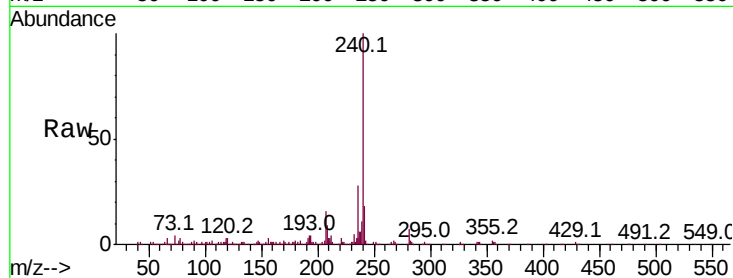
Tot Ion:240 Resp: 536896

Ion Ratio Lower Upper

240 100

120 3.2 8.2 12.2#

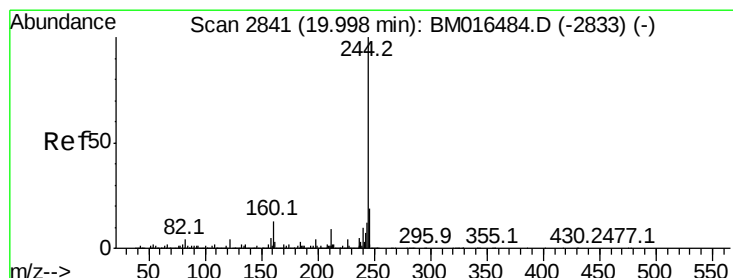
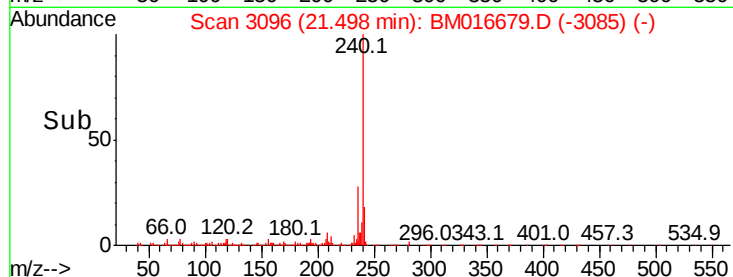
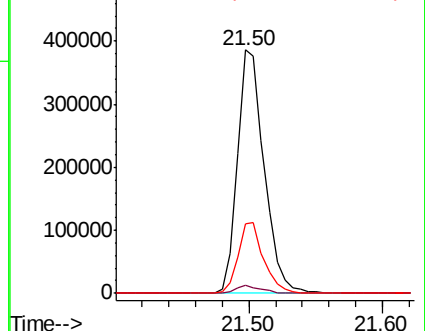
236 28.5 20.0 30.0



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: 99.194 ng

RT: 19.94 min Scan# 2832

Delta R.T. -0.04 min

Lab File: BM016679.D

Acq: 05 Sep 2018 19:43

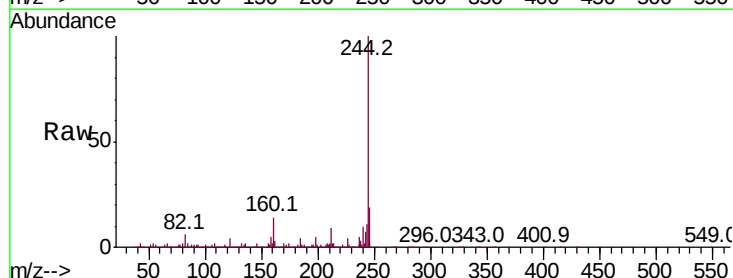
Tgt Ion:244 Resp: 2516176

Ion Ratio Lower Upper

244 100

212 9.5 4.9 7.3#

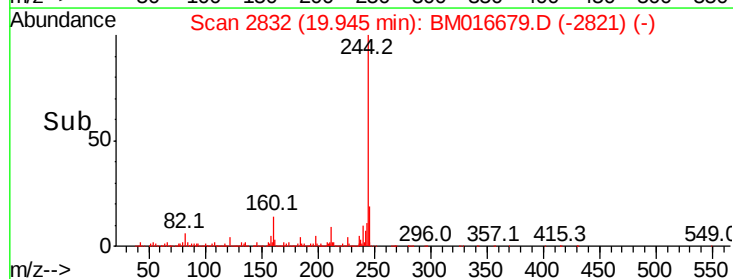
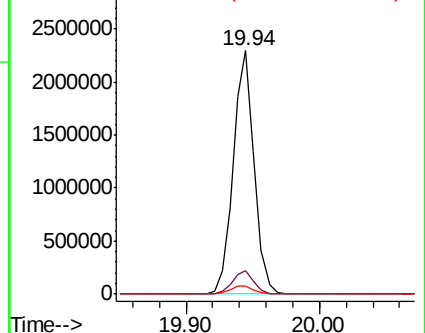
122 3.6 6.2 9.4#

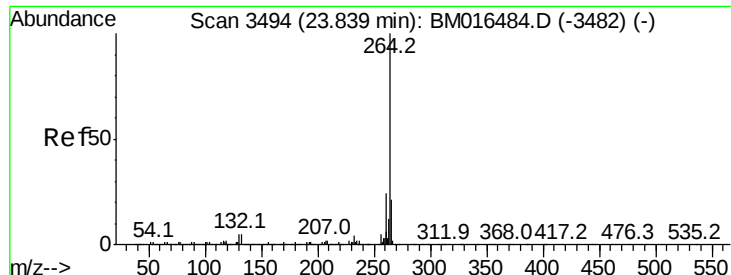


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

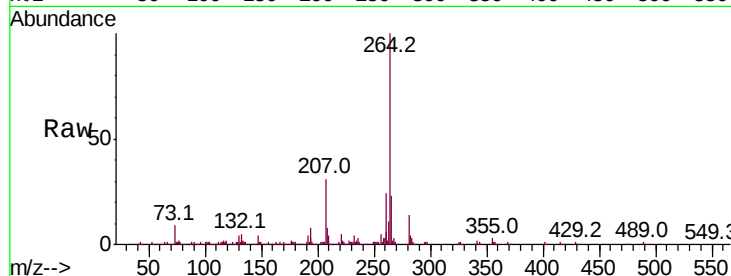




#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 23.76 min Scan# 3481  
 Delta R.T. -0.05 min  
 Lab File: BM016679.D  
 Acq: 05 Sep 2018 19:43

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A0C2-03-C

Tot Ion: 264 Resp: 668613  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 18.6 27.8  
 265 22.7 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

