

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\  
 Data File : BM015910.D  
 Acq On : 12 Jul 2018 12:08  
 Operator : SJ/JU  
 Sample : J3926-02  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TRAP-BAG

Quant Time: Jul 12 14:42:09 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 05 17:39:50 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.29  | 152  | 65430    | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 11.12 | 136  | 245142   | 20.00  | ng    | -0.03    |
| 38) Acenaphthene-d10        | 14.91 | 164  | 124927   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10        | 17.63 | 188  | 255217   | 20.00  | ng    | -0.02    |
| 75) Chrysene-d12            | 21.74 | 240  | 226431   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12            | 24.14 | 264  | 234737   | 20.00  | ng    | -0.03    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.79  | 112  | 614291   | 161.01 | ng    | -0.02    |
| 7) Phenol-d6                | 7.44  | 99   | 680188   | 130.23 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.47  | 82   | 609296   | 121.27 | ng    | -0.03    |
| 41) 2,4,6-Tribromophenol    | 16.39 | 330  | 272009   | 166.64 | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 13.53 | 172  | 1193273  | 118.58 | ng    | -0.03    |
| 78) Terphenyl-d14           | 20.20 | 244  | 1578960  | 129.34 | ng    | -0.02    |

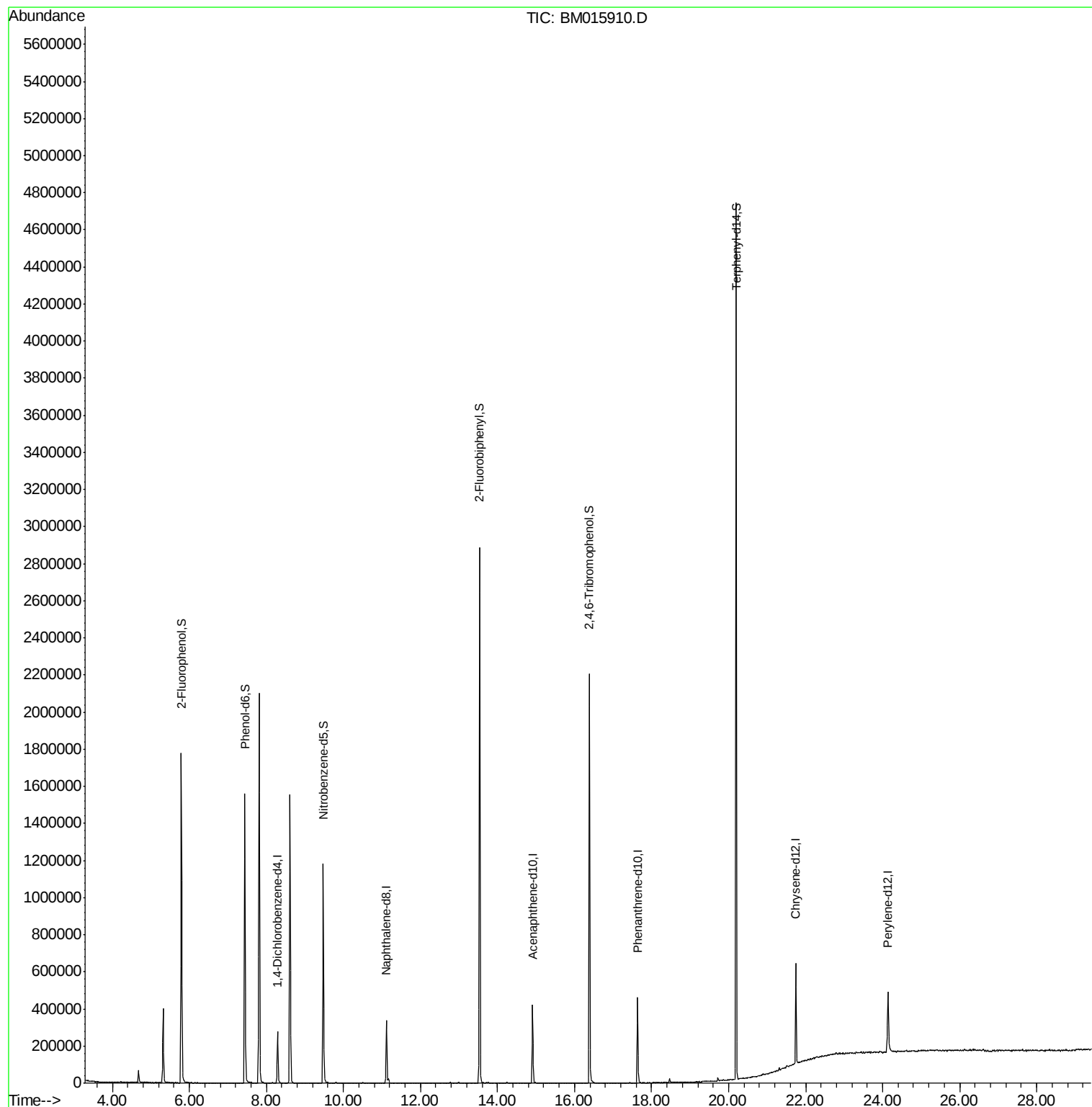
Target Compounds Qvalue

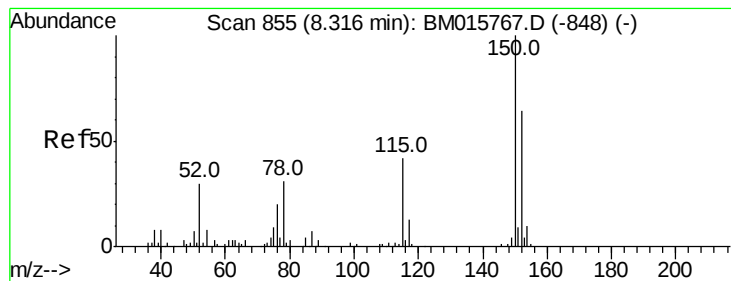
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 28 Sample Multiplier: 1

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BNA\_M  
ClientSampleId :  
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Quant Time: Jul 12 14:42:09 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 05 17:39:50 2018  
Response via : Initial Calibration



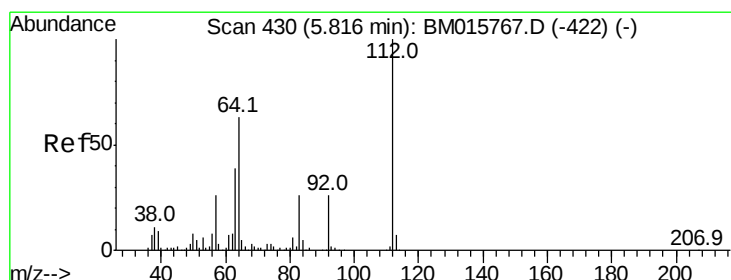
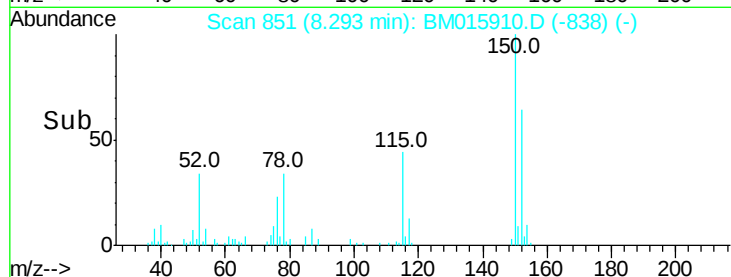
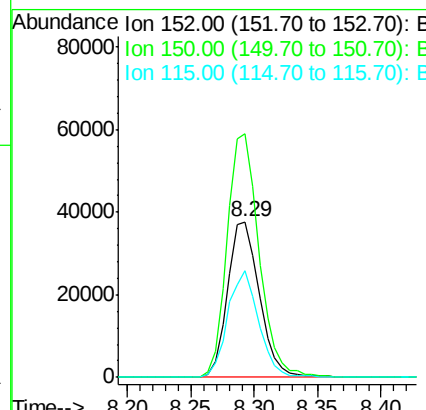
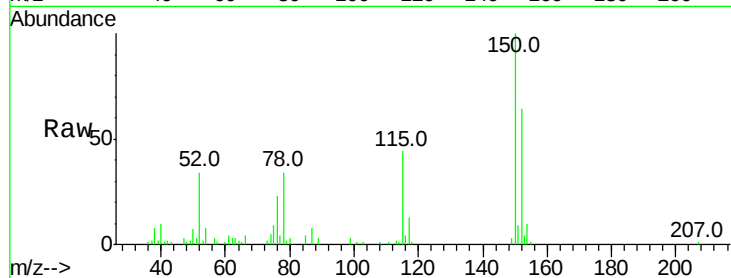


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.29 min Scan# 851  
Delta R.T. -0.02 min  
Lab File: BM015910.D  
Acq: 12 Jul 2018 12:08

Instrument :  
BNA\_M  
ClientSampleId :  
TRAP-BAG

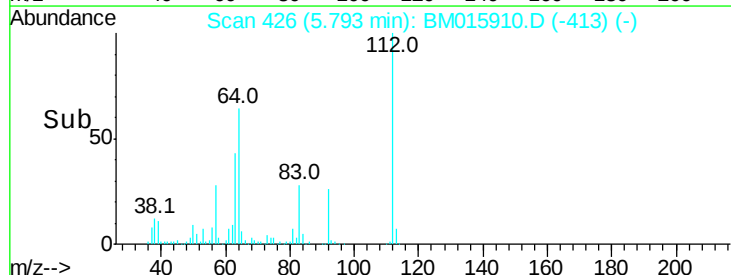
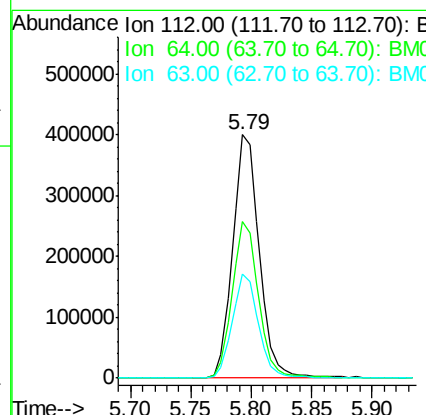
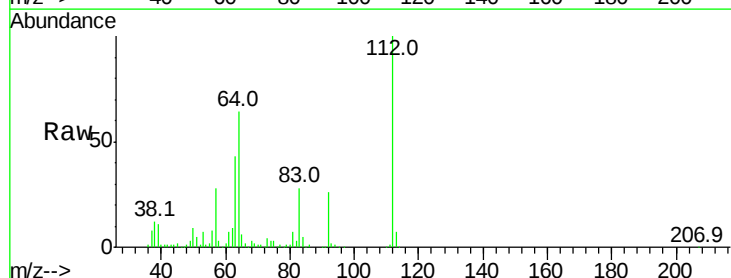
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.7 | 119.5 | 179.3 |
| 115     | 68.3  | 43.0  | 64.4  |

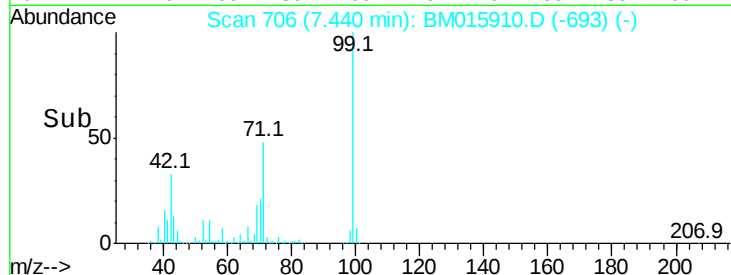
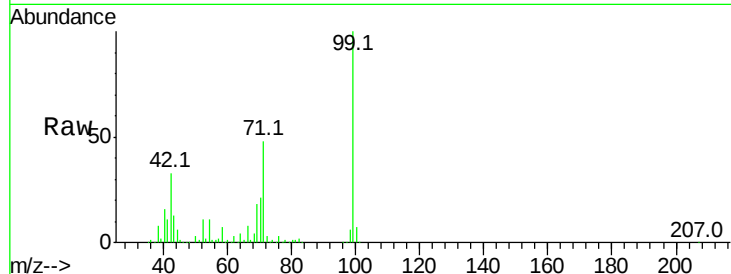


#5

2-Fluorophenol  
Concen: Below ng  
RT: 5.79 min Scan# 426  
Delta R.T. -0.02 min  
Lab File: BM015910.D  
Acq: 12 Jul 2018 12:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 64.3  | 38.6  | 57.8  |
| 63      | 42.8  | 19.3  | 28.9  |





#7

Phenol-d6

Concen: N.D. ng

RT: 7.44 min Scan# 706

Delta R.T. -0.02 min

Lab File: BM015910.D

Acq: 12 Jul 2018 12:08

Instrument :

BNA\_M

ClientSampled :

TRAP-BAG

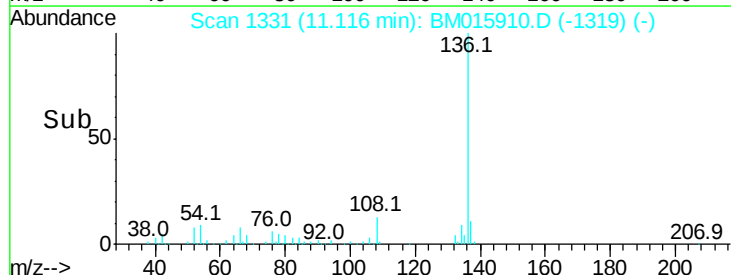
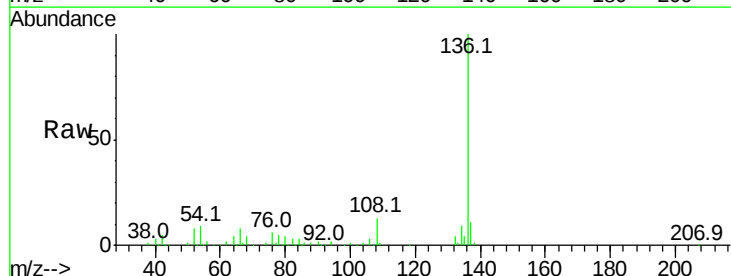
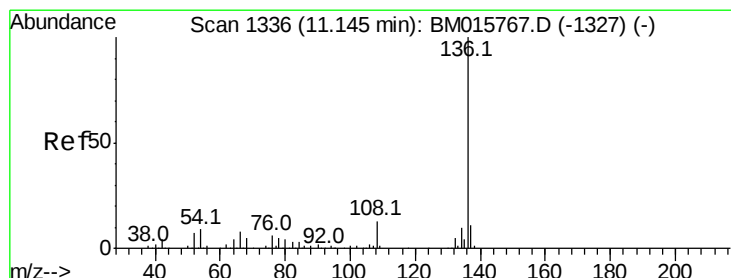
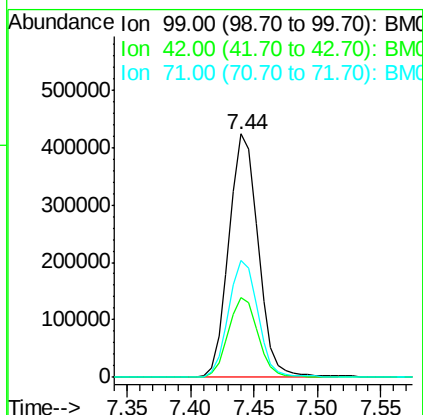
Tot Ion: 99 Resp: 680188

Ion Ratio Lower Upper

99 100

42 33.0 11.0 16.4#

71 48.2 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.12 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BM015910.D

Acq: 12 Jul 2018 12:08

Tgt Ion: 136 Resp: 245142

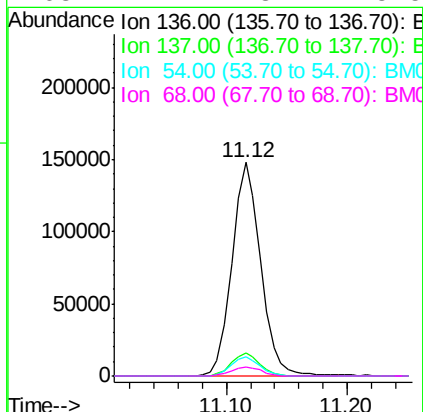
Ion Ratio Lower Upper

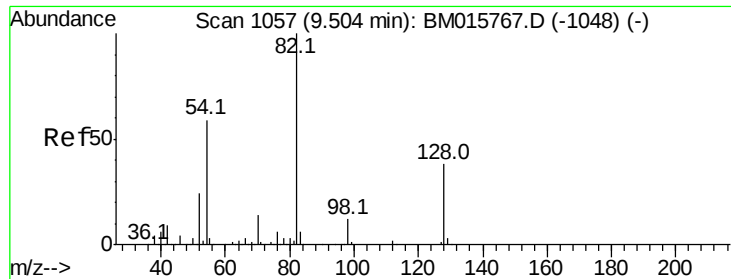
136 100

137 10.6 8.7 13.1

54 8.7 4.6 6.8#

68 4.4 3.7 5.5

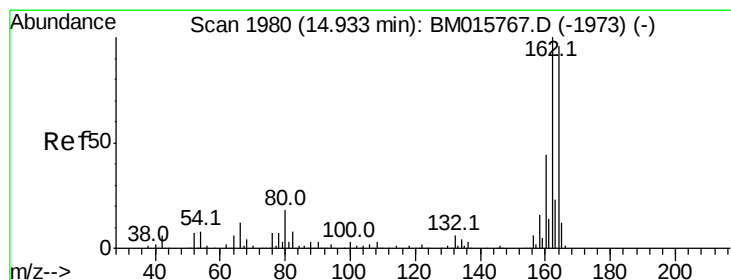
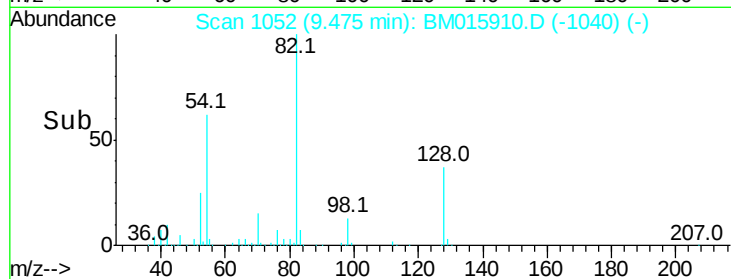
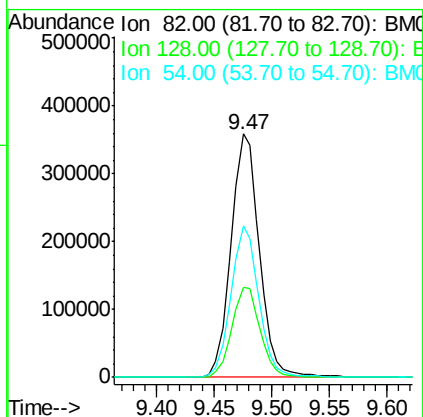
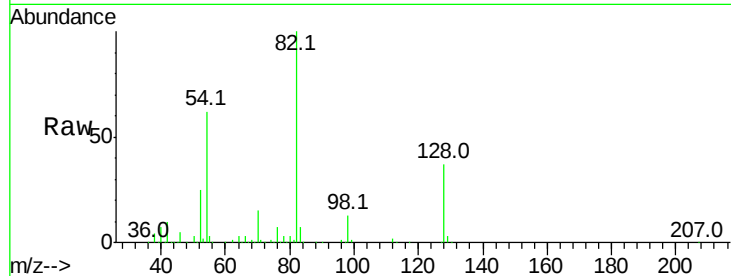




#23  
 Nitrobenzene-d5  
 Concen: N.D. ng  
 RT: 9.47 min Scan# 1052  
 Delta R.T. -0.03 min  
 Lab File: BM015910.D  
 Acq: 12 Jul 2018 12:08

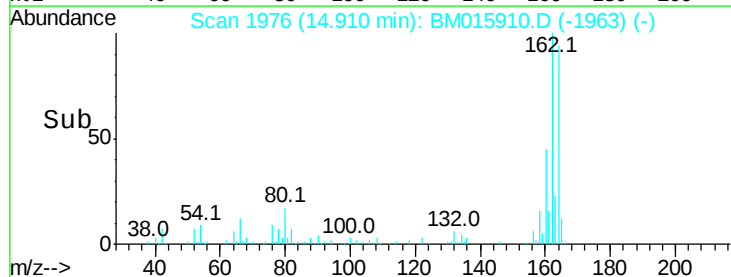
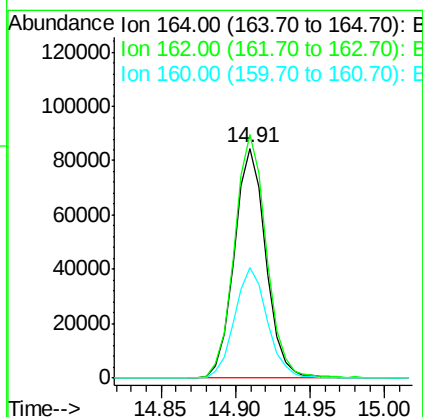
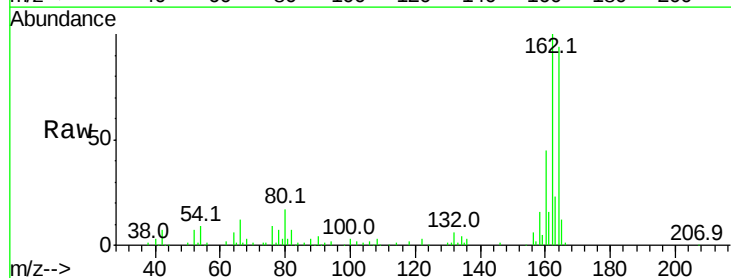
Instrument :  
 BNA\_M  
 ClientSampleId :  
 TRAP-BAG

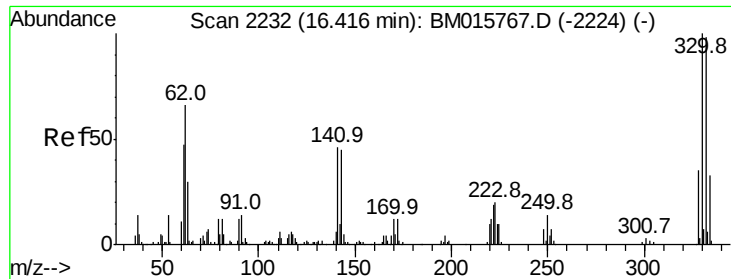
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 36.7  | 32.8  | 49.2  |
| 54      | 62.2  | 40.6  | 60.8# |



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.91 min Scan# 1976  
 Delta R.T. -0.02 min  
 Lab File: BM015910.D  
 Acq: 12 Jul 2018 12:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.9 | 82.4  | 123.6 |
| 160     | 48.0  | 35.8  | 53.6  |

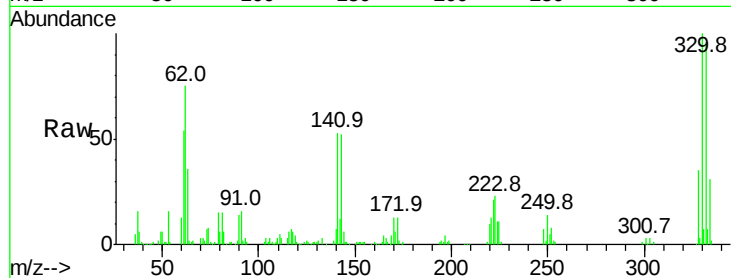




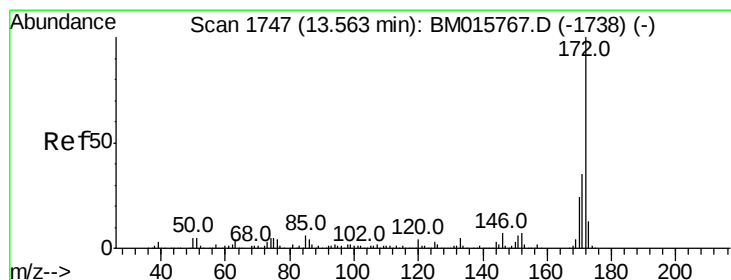
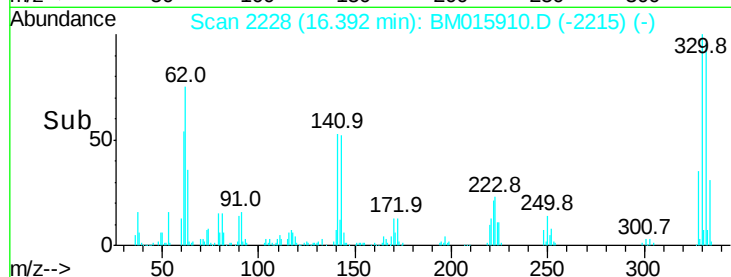
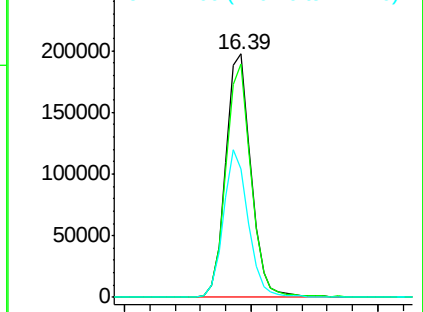
#41  
 2,4,6-Tribromophenol  
 Concen: N.D. ng  
 RT: 16.39 min Scan# 2228  
 Delta R.T. -0.02 min  
 Lab File: BM015910.D  
 Acq: 12 Jul 2018 12:08

Instrument :  
 BNA\_M  
 ClientSampled :  
 TRAP-BAG

Tot Ion:330 Resp: 272009  
 Ion Ratio Lower Upper  
 330 100  
 332 95.4 0.0 0.0#  
 141 59.7 0.0 0.0#

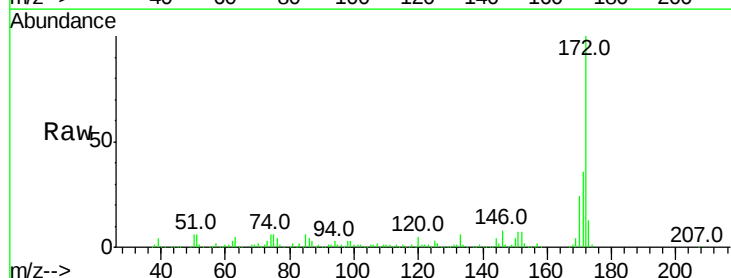


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

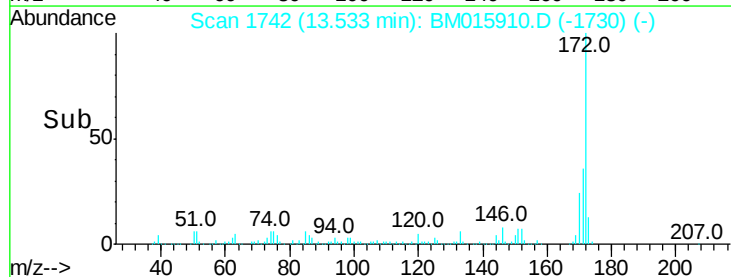
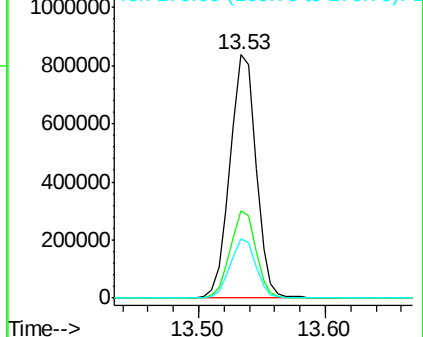


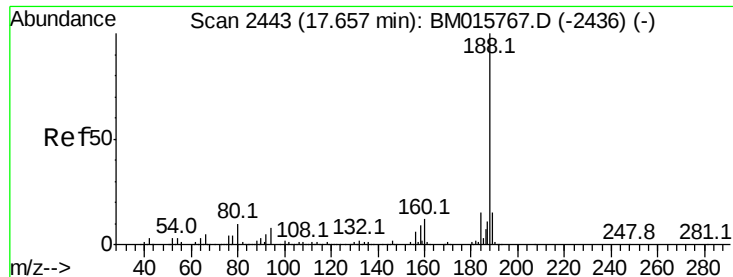
#44  
 2-Fluorobiphenyl  
 Concen: N.D. ng  
 RT: 13.53 min Scan# 1742  
 Delta R.T. -0.03 min  
 Lab File: BM015910.D  
 Acq: 12 Jul 2018 12:08

Tgt Ion:172 Resp: 1193273  
 Ion Ratio Lower Upper  
 172 100  
 171 36.0 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

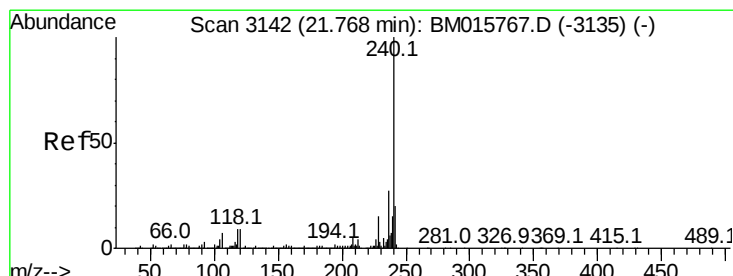
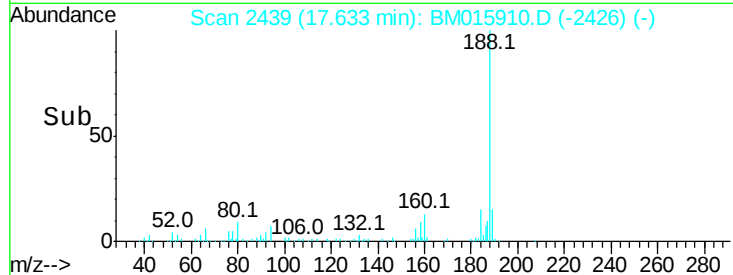
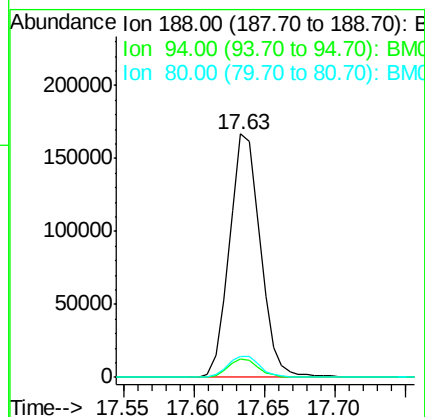
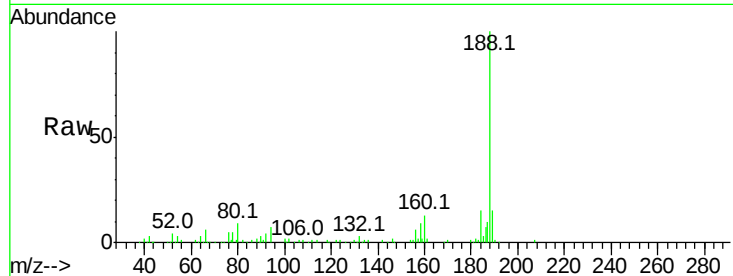




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.63 min Scan# 2439  
Delta R.T. -0.02 min  
Lab File: BM015910.D  
Acq: 12 Jul 2018 12:08

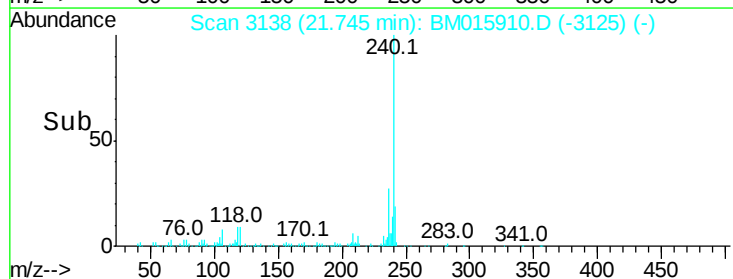
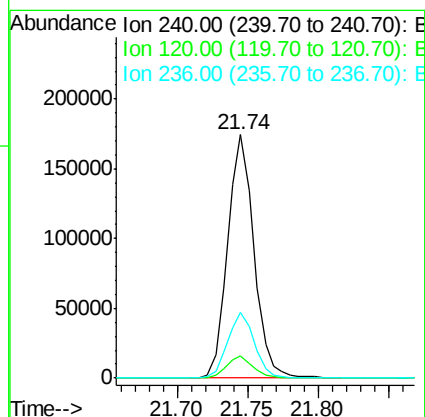
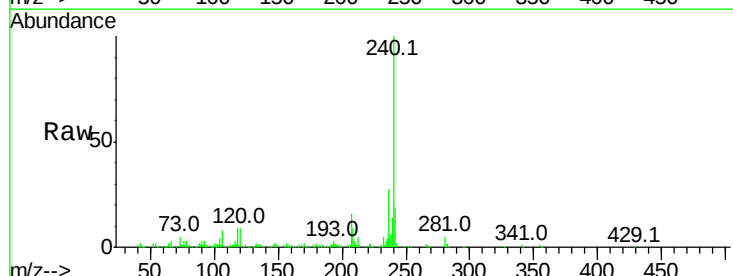
Instrument :  
BNA\_M  
ClientSampleId :  
TRAP-BAG

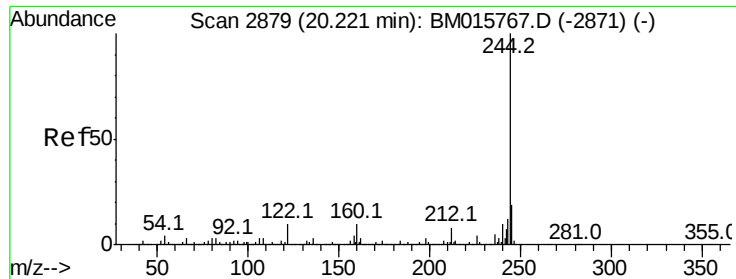
Tot Ion:188 Resp: 255217  
Ion Ratio Lower Upper  
188 100  
94 7.3 8.7 13.1#  
80 8.7 9.3 13.9#



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.74 min Scan# 3138  
Delta R.T. -0.02 min  
Lab File: BM015910.D  
Acq: 12 Jul 2018 12:08

Tgt Ion:240 Resp: 226431  
Ion Ratio Lower Upper  
240 100  
120 9.0 8.2 12.2  
236 26.7 20.0 30.0

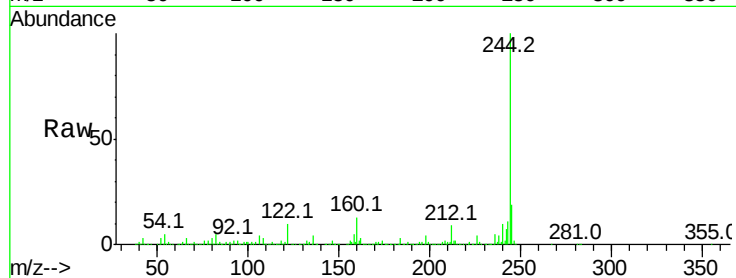




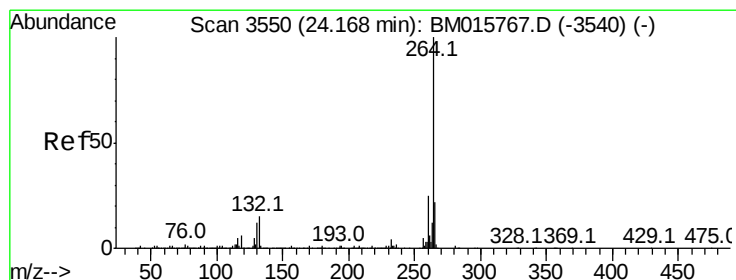
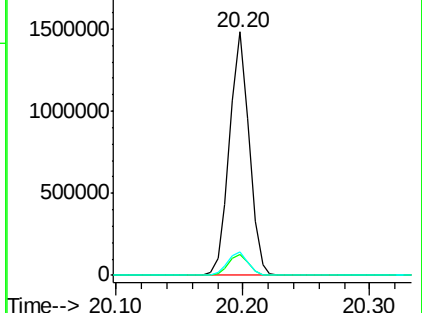
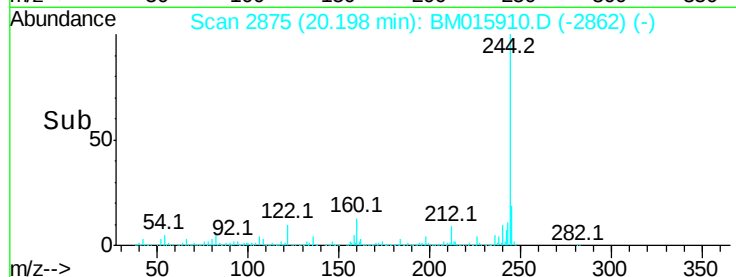
#78  
 Terphenyl-d14  
 Concen: N.D. ng  
 RT: 20.20 min Scan# 2875  
 Delta R.T. -0.02 min  
 Lab File: BM015910.D  
 Acq: 12 Jul 2018 12:08

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TRAP-BAG

Tot Ion:244 Resp: 1578960  
 Ion Ratio Lower Upper  
 244 100  
 212 8.8 4.9 7.3#  
 122 9.7 6.2 9.4#

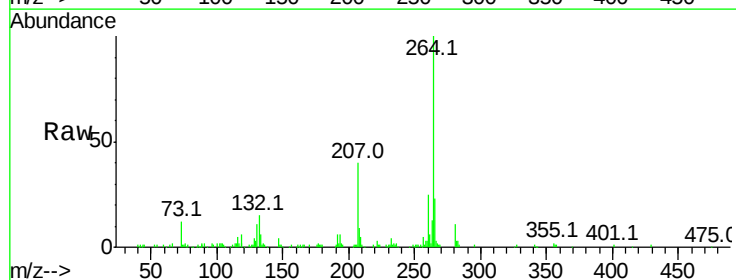


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.14 min Scan# 3545  
 Delta R.T. -0.03 min  
 Lab File: BM015910.D  
 Acq: 12 Jul 2018 12:08

Tgt Ion:264 Resp: 234737  
 Ion Ratio Lower Upper  
 264 100  
 260 24.9 18.6 27.8  
 265 23.3 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

