

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080517\  
 Data File : BM011142.D  
 Acq On : 05 Aug 2017 15:06  
 Operator : SJ/JU  
 Sample : I4562-06  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JC-02-080117-B

Quant Time: Aug 06 01:41:58 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 26 17:29:06 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.32  | 152  | 148142   | 20.00  | ng    | -0.08    |
| 21) Naphthalene-d8          | 10.07 | 136  | 545653   | 20.00  | ng    | -0.08    |
| 38) Acenaphthene-d10        | 13.98 | 164  | 402349   | 20.00  | ng    | -0.07    |
| 63) Phenanthrene-d10        | 16.74 | 188  | 1082669  | 20.00  | ng    | -0.07    |
| 75) Chrysene-d12            | 20.97 | 240  | 1515082  | 20.00  | ng    | -0.06    |
| 86) Perylene-d12            | 23.05 | 264  | 875633   | 20.00  | ng    | -0.09    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 4.96  | 112  | 1131783  | 129.15 | ng    | -0.07    |
| 7) Phenol-d6                | 6.52  | 99   | 1373395  | 110.30 | ng    | -0.07    |
| 23) Nitrobenzene-d5         | 8.46  | 82   | 1341183  | 92.25  | ng    | -0.08    |
| 41) 2,4,6-Tribromophenol    | 15.49 | 330  | 907658   | 140.75 | ng    | -0.07    |
| 44) 2-Fluorobiphenyl        | 12.59 | 172  | 2583865  | 80.54  | ng    | -0.07    |
| 78) Terphenyl-d14           | 19.41 | 244  | 5865032  | 76.68  | ng    | -0.06    |

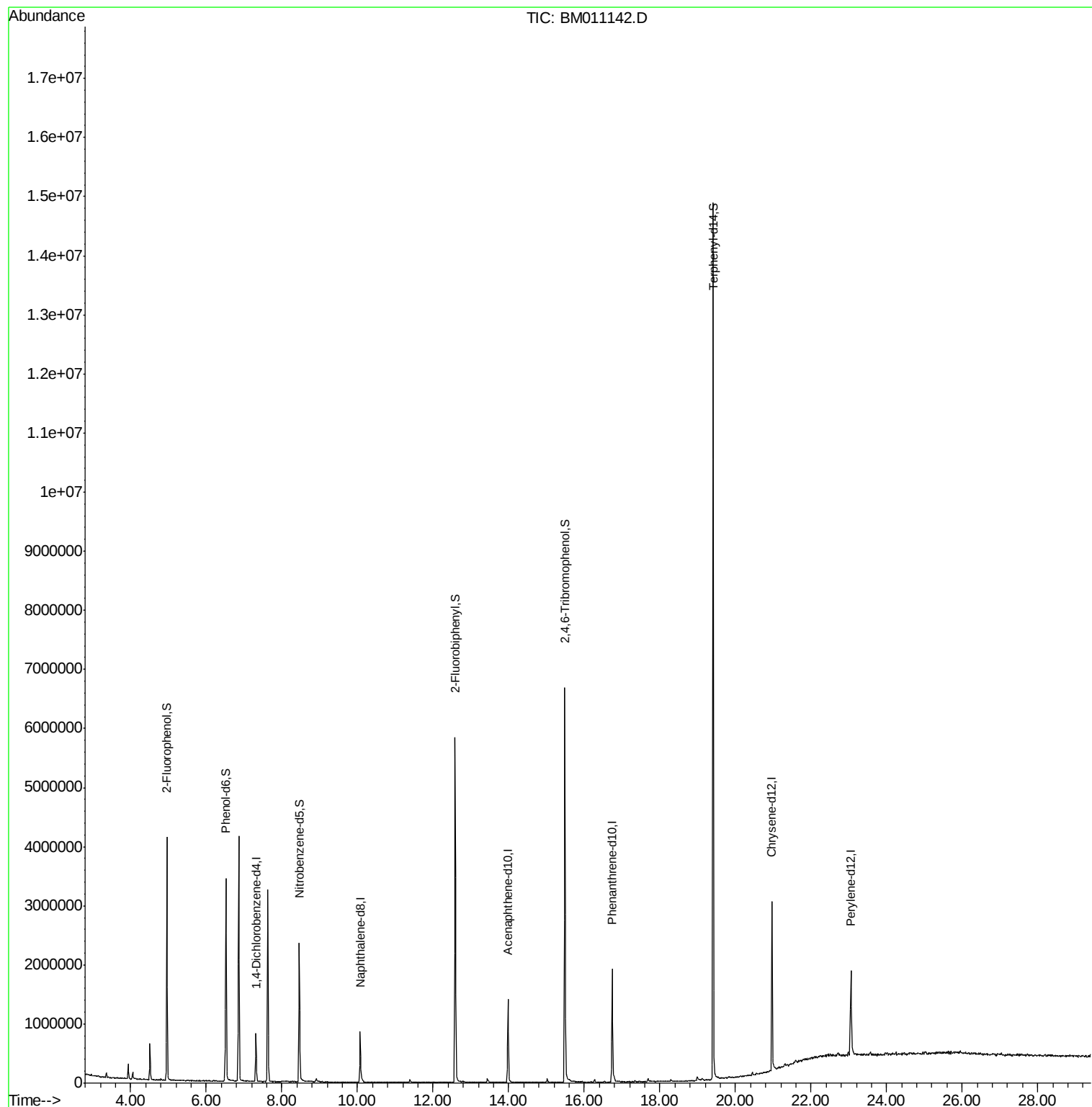
Target Compounds Qvalue

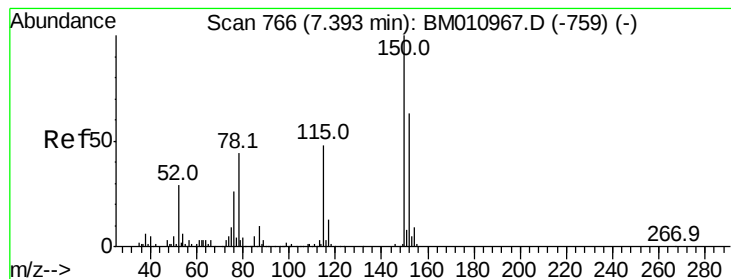
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080517\  
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Misc :  
ALS Vial : 6 Sample Multiplier: 1

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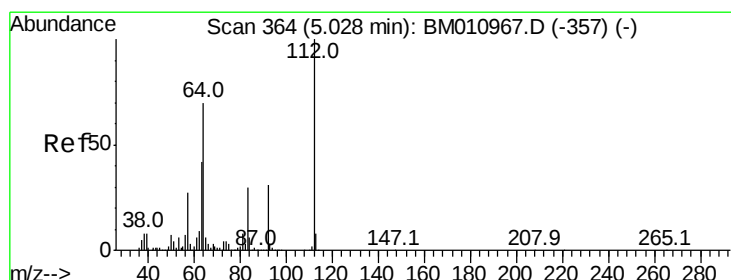
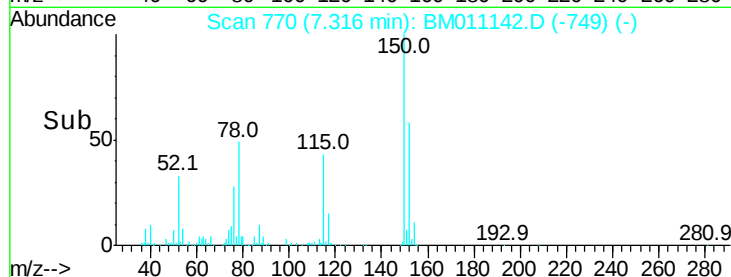
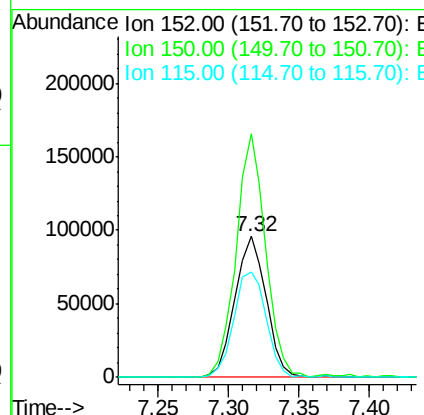
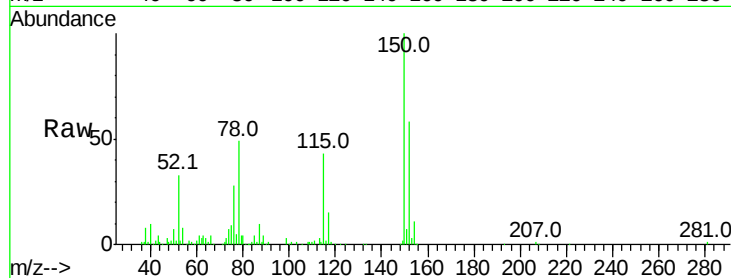


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.32 min Scan# 770  
Delta R.T. -0.08 min  
Lab File: BM011142.D  
Acq: 05 Aug 2017 15:06

Instrument :  
BNA\_M  
ClientSampleId :  
JC-02-080117-B

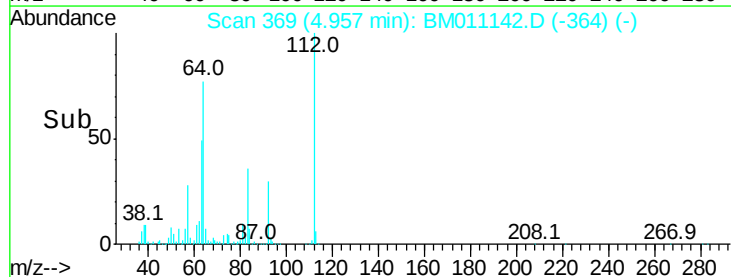
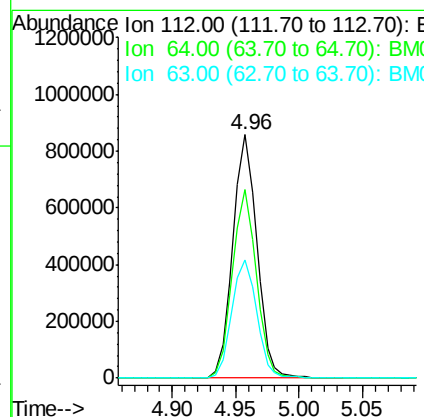
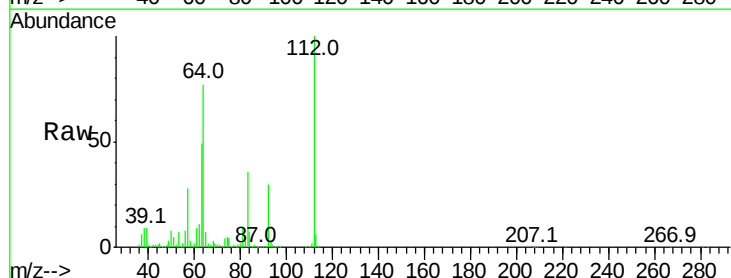
Tot Ion:152 Resp: 148142  
Ion Ratio Lower Upper  
152 100  
150 172.6 119.5 179.3  
115 74.3 43.0 64.4#

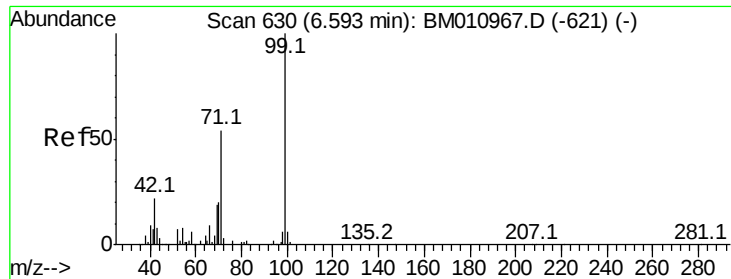


#5

2-Fluorophenol  
Concen: 129.147 ng  
RT: 4.96 min Scan# 369  
Delta R.T. -0.07 min  
Lab File: BM011142.D  
Acq: 05 Aug 2017 15:06

Tgt Ion:112 Resp: 1131783  
Ion Ratio Lower Upper  
112 100  
64 77.2 38.6 57.8#  
63 48.7 19.3 28.9#





#7

Phenol-d6

Concen: 110.301 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011142.D

Acq: 05 Aug 2017 15:06

Instrument :

BNA\_M

ClientSampleId :

JC-02-080117-B

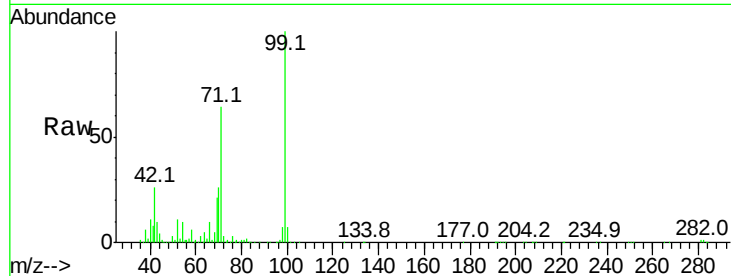
Tot Ion: 99 Resp: 1373395

Ion Ratio Lower Upper

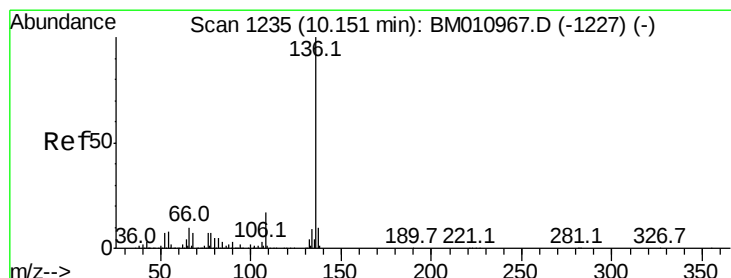
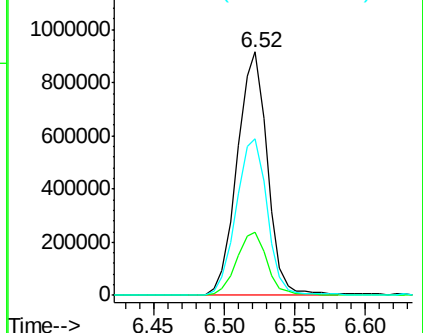
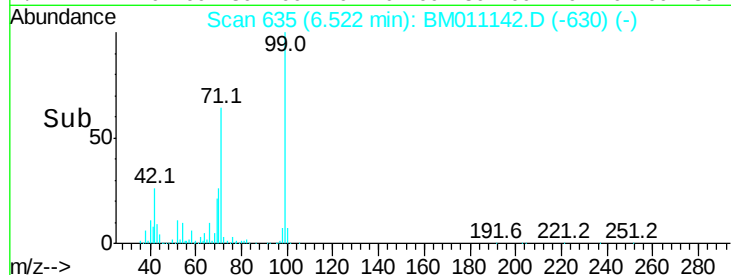
99 100

42 26.1 11.0 16.4#

71 64.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011142.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: BM011142.D

Acq: 05 Aug 2017 15:06

Tgt Ion: 136 Resp: 545653

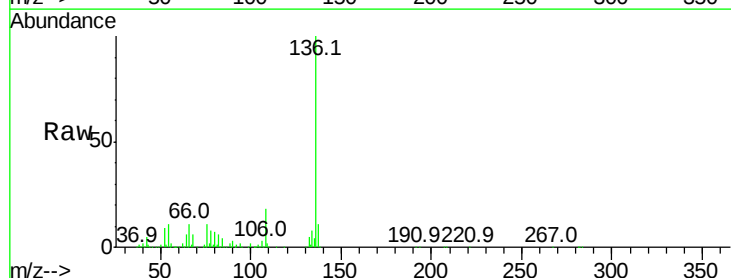
Ion Ratio Lower Upper

136 100

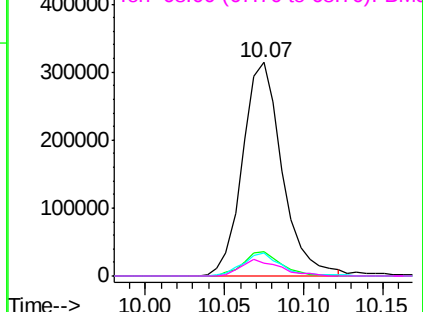
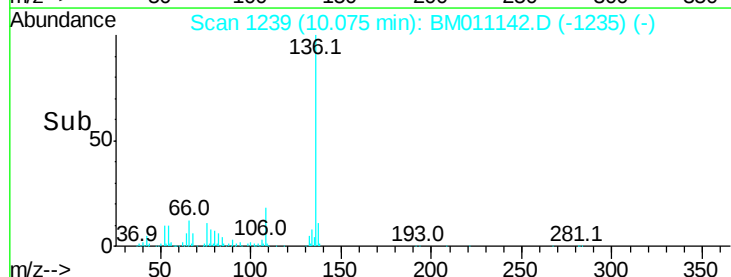
137 11.5 8.7 13.1

54 10.7 4.6 6.8#

68 6.1 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM011142.D (-1235) (-)



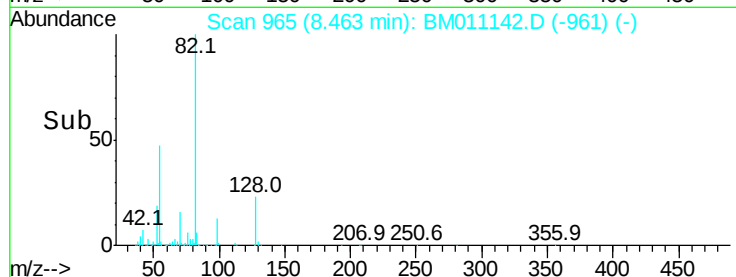
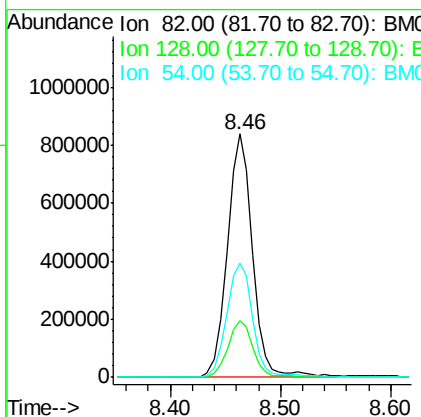
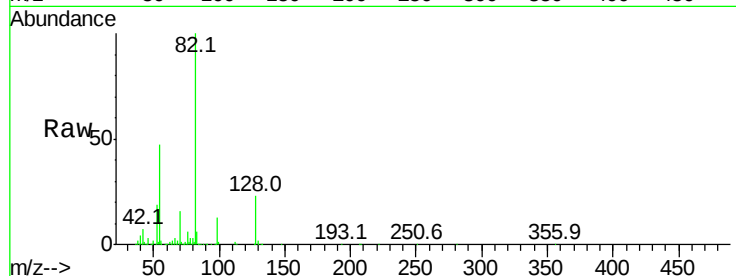


#23  
 Nitrobenzene-d5  
 Concen: 92.250 ng  
 RT: 8.46 min Scan# 965  
 Delta R.T. -0.08 min  
 Lab File: BM011142.D  
 Acq: 05 Aug 2017 15:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JC-02-080117-B

Tot Ion: 82 Resp: 1341183  

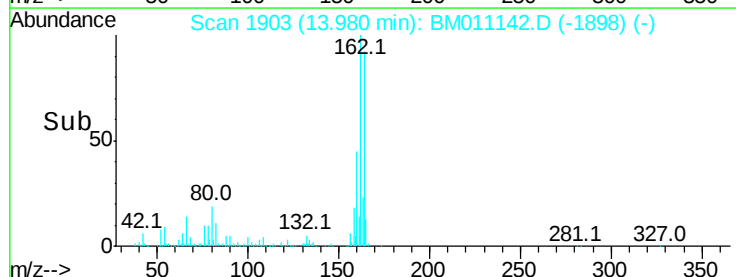
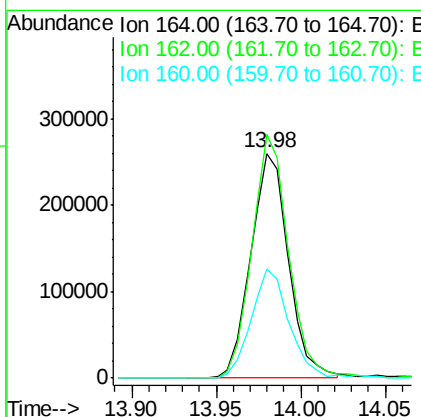
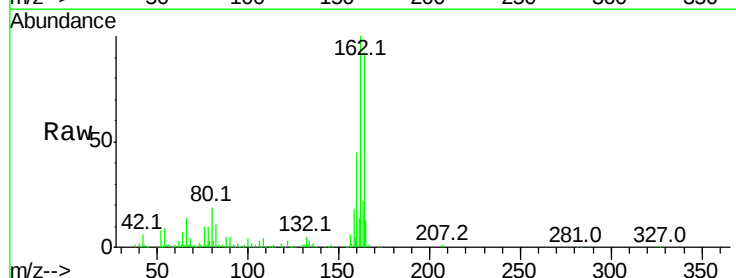
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 23.2  | 32.8  | 49.2# |
| 54  | 47.1  | 40.6  | 60.8  |

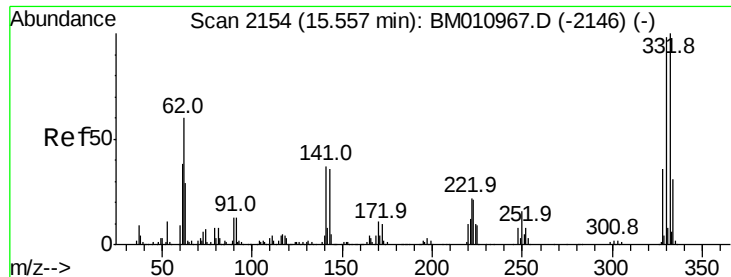


#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 13.98 min Scan# 1903  
 Delta R.T. -0.07 min  
 Lab File: BM011142.D  
 Acq: 05 Aug 2017 15:06

Tgt Ion: 164 Resp: 402349  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 108.3 | 82.4  | 123.6 |
| 160 | 48.6  | 35.8  | 53.6  |

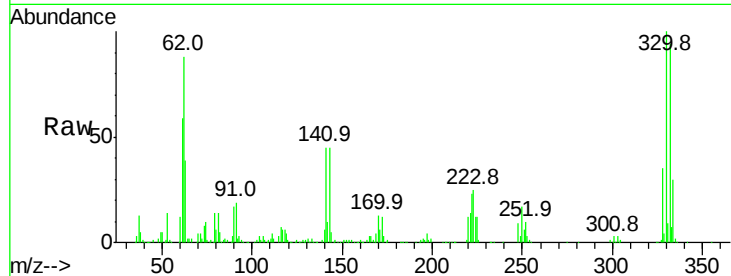




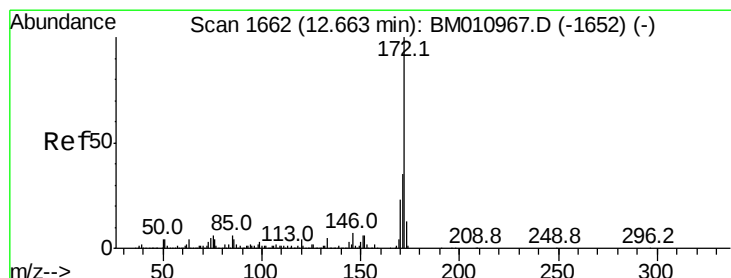
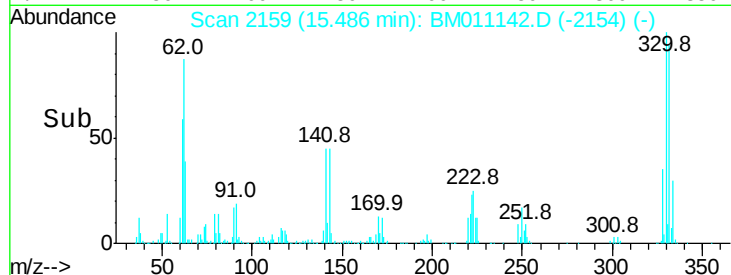
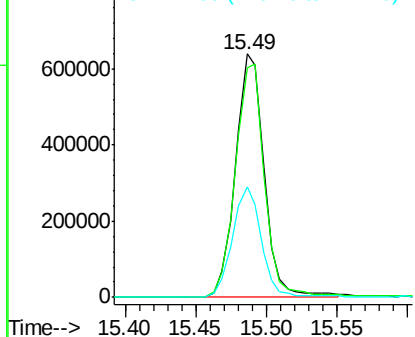
#41  
 2,4,6-Tribromophenol  
 Concen: 140.748 ng  
 RT: 15.49 min Scan# 2159  
 Delta R.T. -0.07 min  
 Lab File: BM011142.D  
 Acq: 05 Aug 2017 15:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JC-02-080117-B

Tot Ion:330 Resp: 907658  
 Ion Ratio Lower Upper  
 330 100  
 332 97.3 0.0 0.0#  
 141 45.9 0.0 0.0#

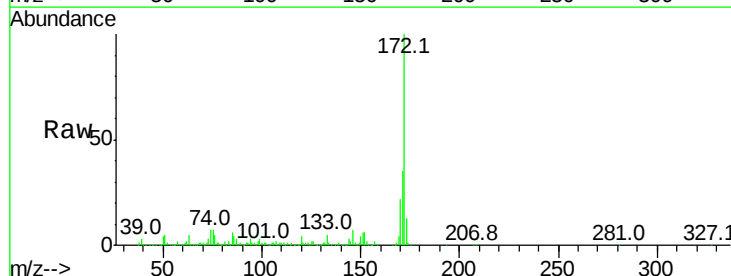


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

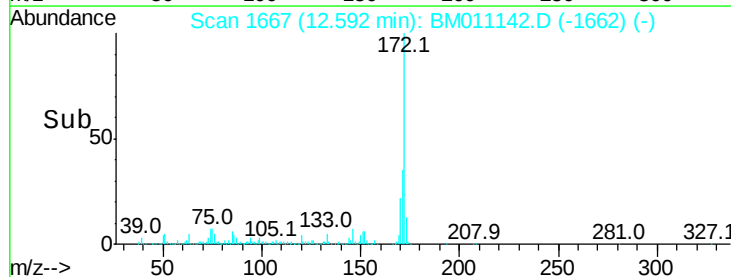
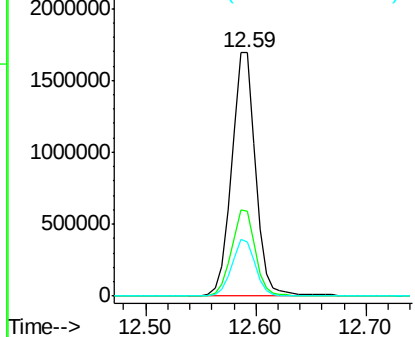


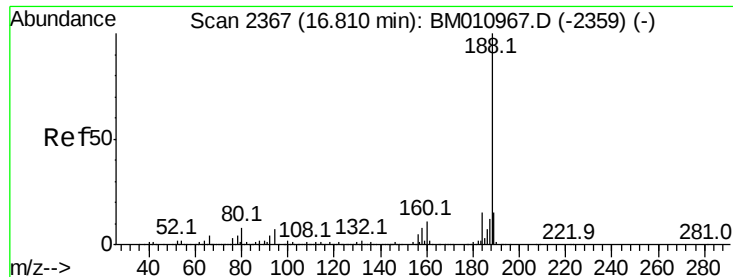
#44  
 2-Fluorobiphenyl  
 Concen: 80.540 ng  
 RT: 12.59 min Scan# 1667  
 Delta R.T. -0.07 min  
 Lab File: BM011142.D  
 Acq: 05 Aug 2017 15:06

Tgt Ion:172 Resp: 2583865  
 Ion Ratio Lower Upper  
 172 100  
 171 34.8 28.5 42.7  
 170 22.2 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

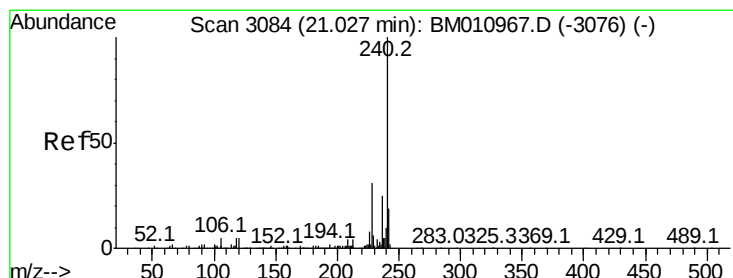
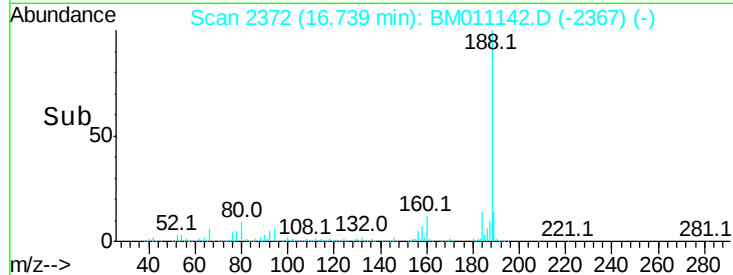
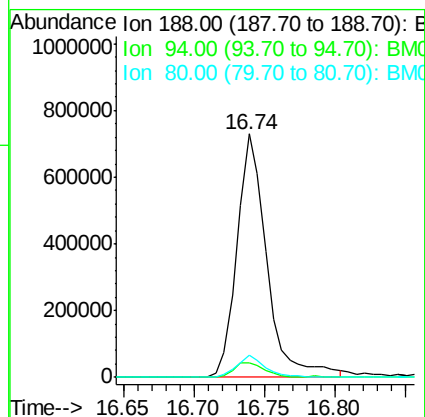
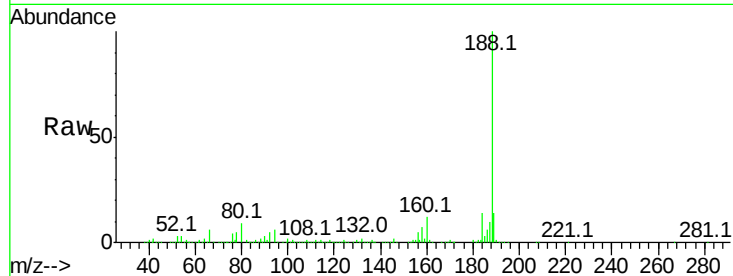




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.74 min Scan# 2372  
Delta R.T. -0.07 min  
Lab File: BM011142.D  
Acq: 05 Aug 2017 15:06

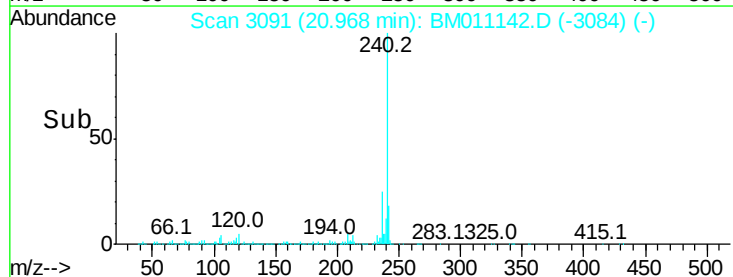
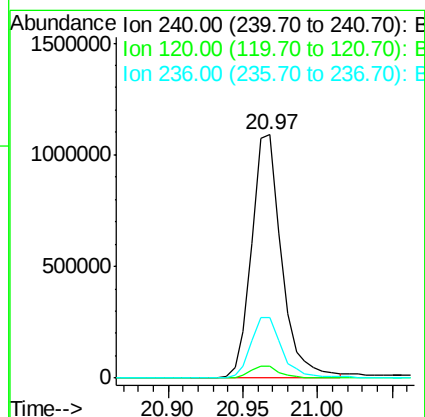
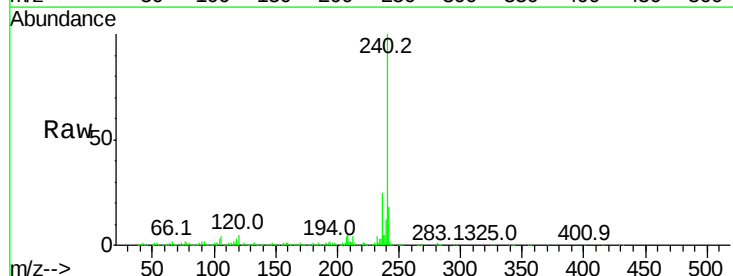
Instrument :  
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ClientSampleId :  
JC-02-080117-B

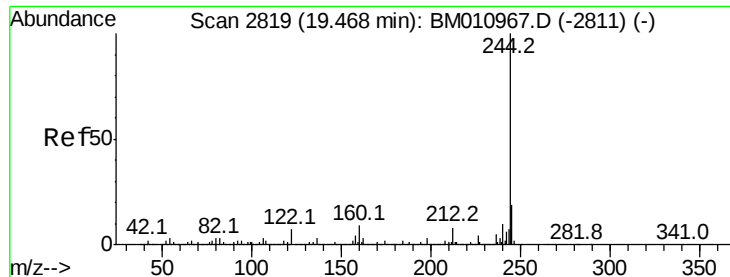
Tot Ion:188 Resp: 1082669  
Ion Ratio Lower Upper  
188 100  
94 6.1 8.7 13.1#  
80 9.3 9.3 13.9



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 20.97 min Scan# 3091  
Delta R.T. -0.06 min  
Lab File: BM011142.D  
Acq: 05 Aug 2017 15:06

Tgt Ion:240 Resp: 1515082  
Ion Ratio Lower Upper  
240 100  
120 4.9 8.2 12.2#  
236 24.8 20.0 30.0





#78

Terphenyl-d14

Concen: 76.681 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011142.D

Acq: 05 Aug 2017 15:06

Instrument :

BNA\_M

ClientSampleId :

JC-02-080117-B

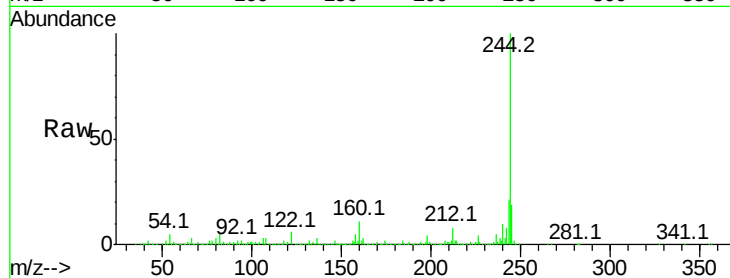
Tot Ion:244 Resp: 5865032

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

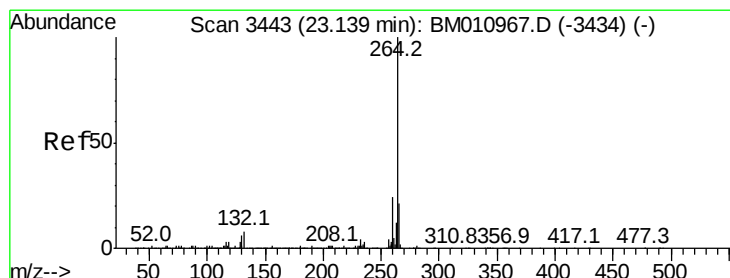
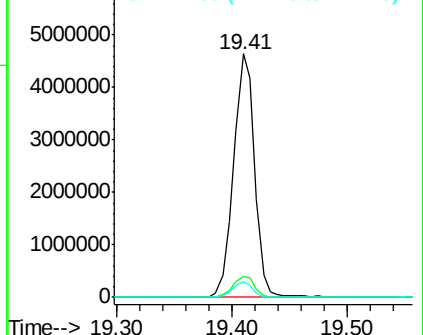
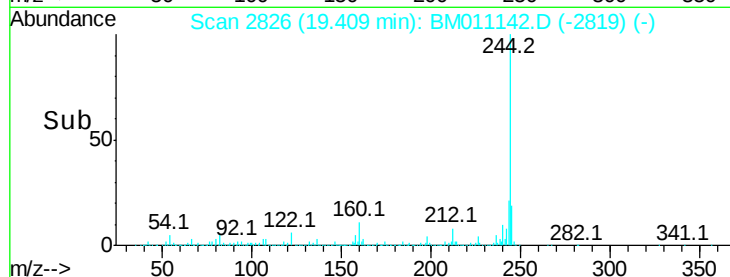
122 6.4 6.2 9.4



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

Perylene-d12

Concen: 20.000 ng

RT: 23.05 min Scan# 3445

Delta R.T. -0.09 min

Lab File: BM011142.D

Acq: 05 Aug 2017 15:06

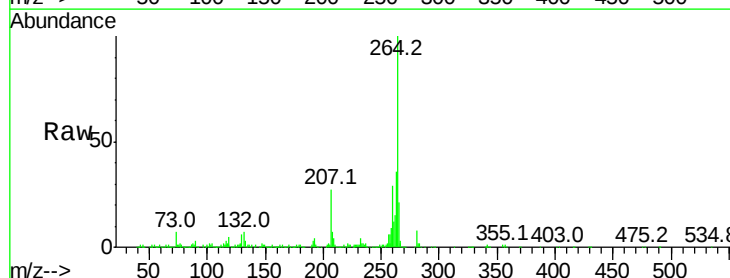
Tgt Ion:264 Resp: 875633

Ion Ratio Lower Upper

264 100

260 28.8 18.6 27.8#

265 20.5 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

