

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052317\  
 Data File : BM010165.D  
 Acq On : 24 May 2017 05:35  
 Operator : SJ/MA  
 Sample : I3221-11  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: May 24 07:47:46 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 20 04:25:49 2017  
 Response via : Initial Calibration

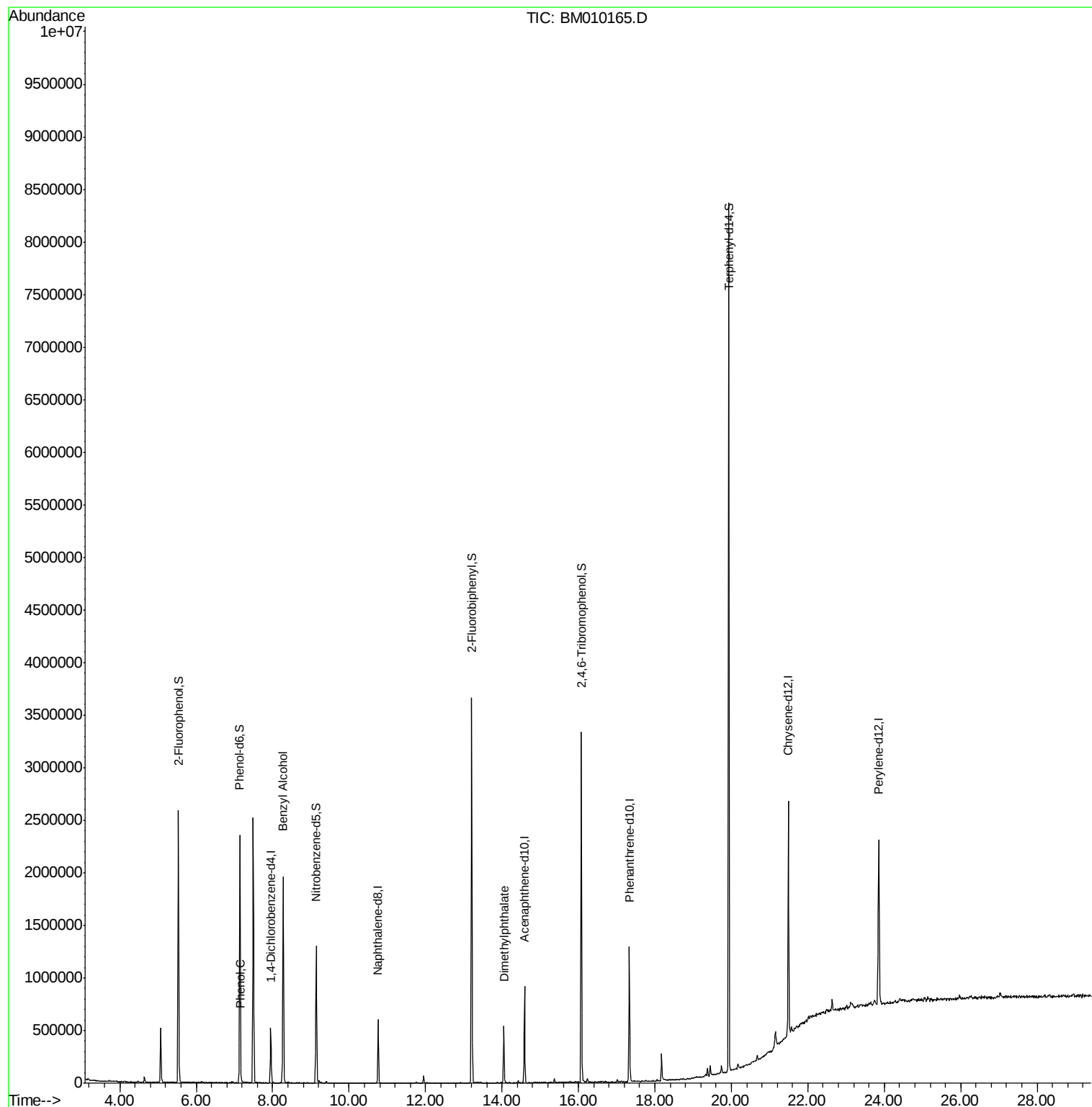
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.95  | 152  | 130299   | 20.00  | ng    | -0.02     |
| 21) Naphthalene-d8          | 10.76 | 136  | 434967   | 20.00  | ng    | -0.02     |
| 38) Acenaphthene-d10        | 14.59 | 164  | 282067   | 20.00  | ng    | -0.02     |
| 63) Phenanthrene-d10        | 17.33 | 188  | 726359   | 20.00  | ng    | -0.02     |
| 75) Chrysene-d12            | 21.49 | 240  | 1114222  | 20.00  | ng    | -0.02     |
| 86) Perylene-d12            | 23.86 | 264  | 1269680  | 20.00  | ng    | -0.03     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.53  | 112  | 900046   | 124.74 | ng    | -0.02     |
| 7) Phenol-d6                | 7.14  | 99   | 1133692  | 122.11 | ng    | -0.03     |
| 23) Nitrobenzene-d5         | 9.14  | 82   | 731197   | 90.69  | ng    | -0.03     |
| 41) 2,4,6-Tribromophenol    | 16.08 | 330  | 561178   | 130.99 | ng    | -0.02     |
| 44) 2-Fluorobiphenyl        | 13.21 | 172  | 1777562  | 81.02  | ng    | -0.02     |
| 78) Terphenyl-d14           | 19.93 | 244  | 3281581  | 66.97  | ng    | -0.02     |
| Target Compounds            |       |      |          |        |       |           |
| 10) Phenol                  | 7.17  | 94   | 24546    | 2.51   | ng    | Qvalue 94 |
| 15) Benzyl Alcohol          | 8.27  | 79   | 15829    | 2.25   | ng    | # 38      |
| 49) Dimethylphthalate       | 14.04 | 163  | 315122   | 12.52  | ng    | # 97      |

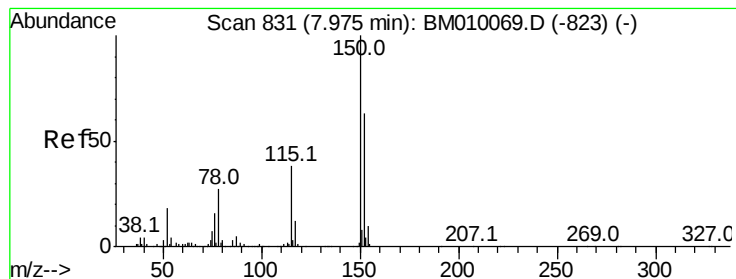
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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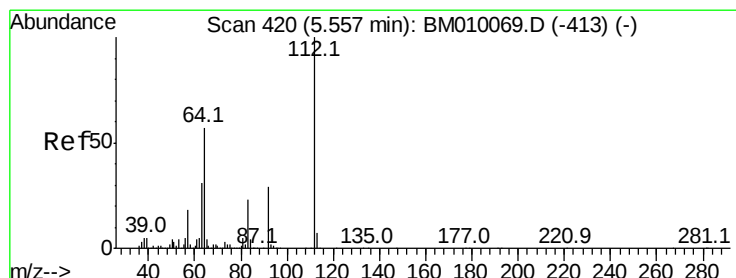
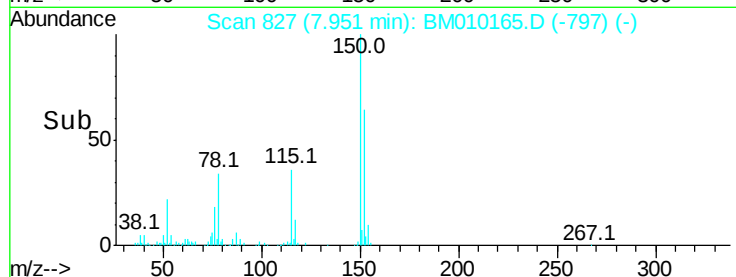
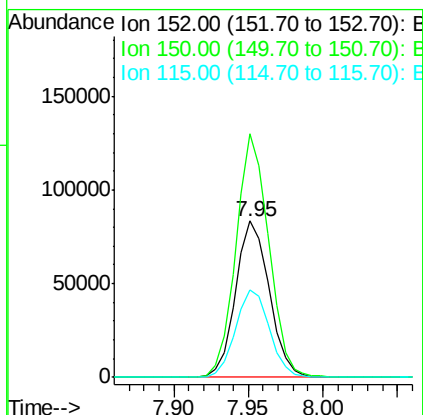
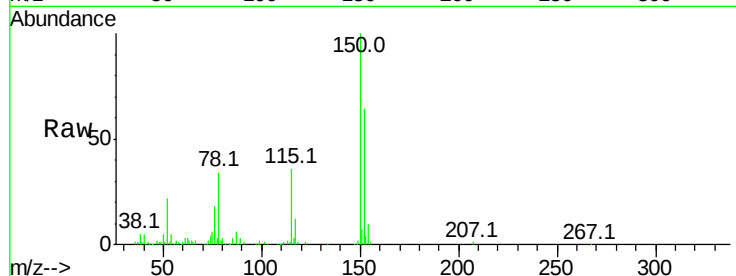


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.95 min Scan# 827  
Delta R.T. -0.02 min  
Lab File: BM010165.D  
Acq: 24 May 2017 05:35

Instrument :  
BNA\_M  
ClientSampleId :

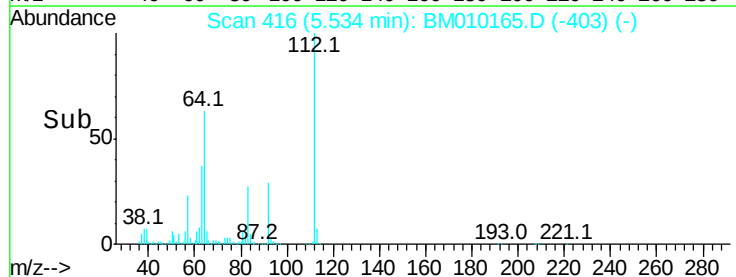
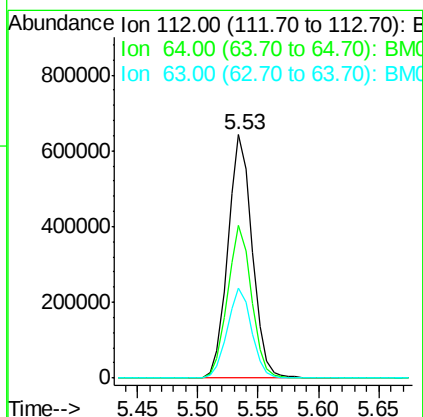
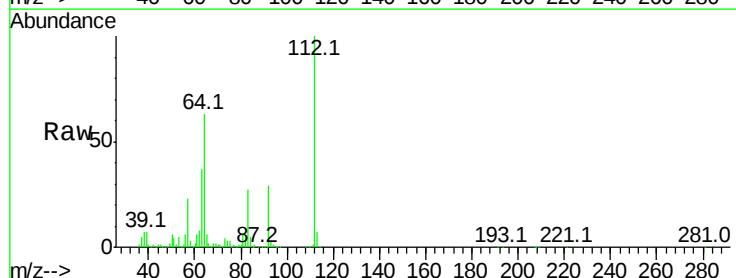
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.9 | 119.5 | 179.3 |
| 115     | 56.0  | 43.0  | 64.4  |

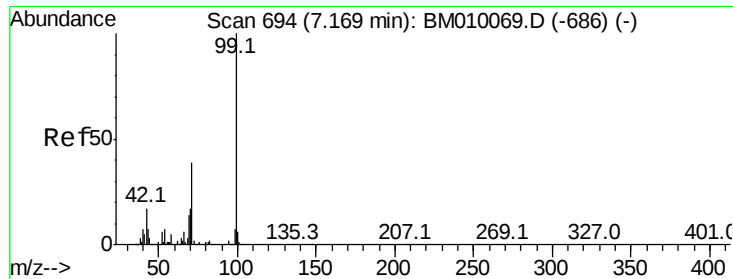


#5

2-Fluorophenol  
Concen: 124.74 ng  
RT: 5.53 min Scan# 416  
Delta R.T. -0.02 min  
Lab File: BM010165.D  
Acq: 24 May 2017 05:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 63.0  | 38.6  | 57.8# |
| 63      | 36.7  | 19.3  | 28.9# |





#7

Phenol-d6

Concen: 122.11 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010165.D

Acq: 24 May 2017 05:35

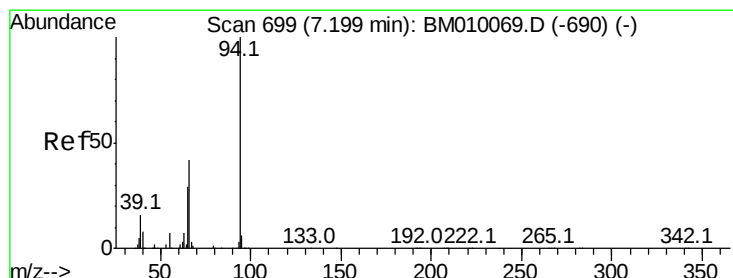
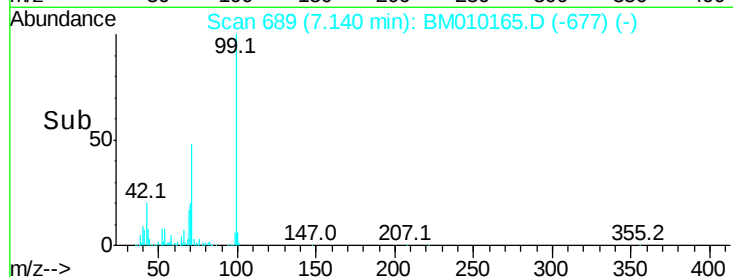
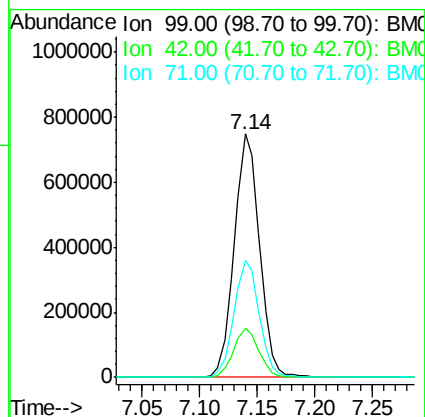
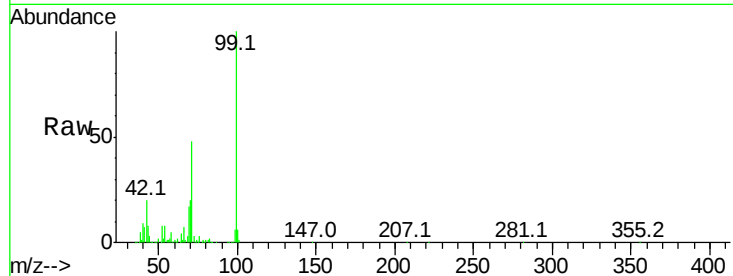
Instrument :

BNA\_M

ClientSampled :

Tot Ion: 99 Resp: 1133692

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.3  | 11.0  | 16.4# |
| 71  | 48.0  | 23.4  | 35.2# |



#10

Phenol

Concen: 2.51 ng

RT: 7.17 min Scan# 694

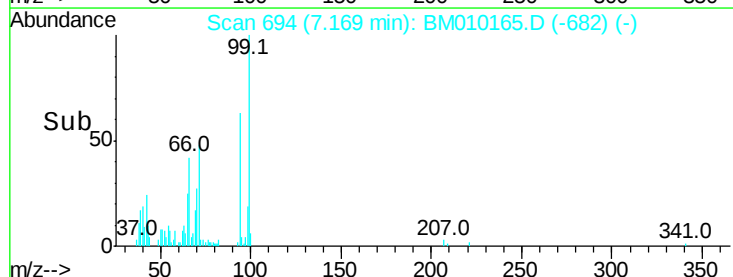
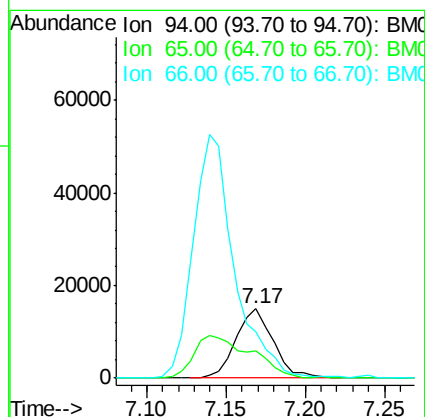
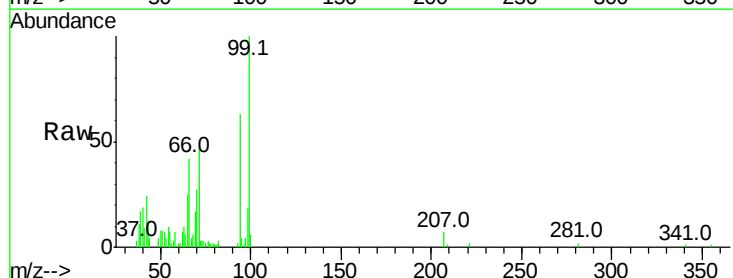
Delta R.T. -0.03 min

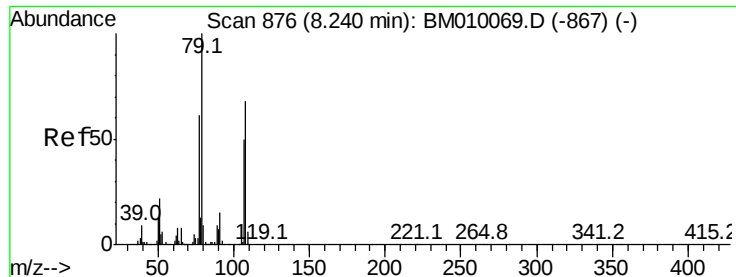
Lab File: BM010165.D

Acq: 24 May 2017 05:35

Tgt Ion: 94 Resp: 24546

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 39.5  | 18.8  | 58.8  |
| 66  | 66.8  | 39.9  | 79.9  |





#15

Benzyl Alcohol

Concen: 2.25 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.04 min

Lab File: BM010165.D

Acq: 24 May 2017 05:35

Instrument :

BNA\_M

ClientSampleId :

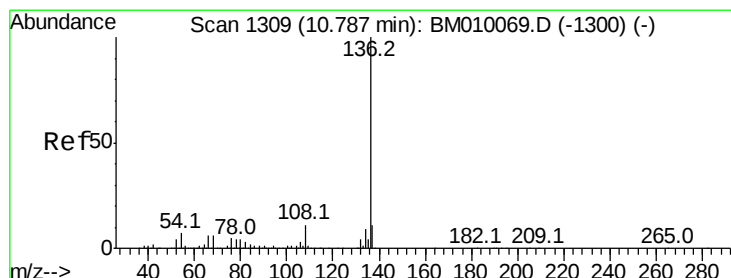
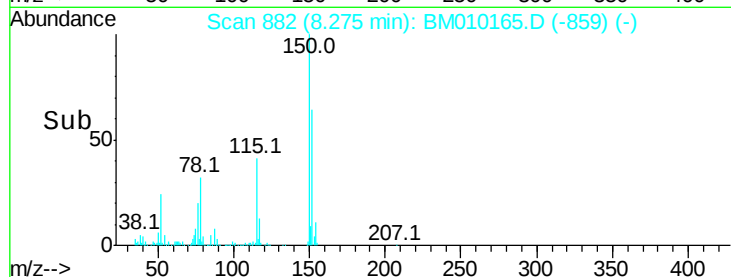
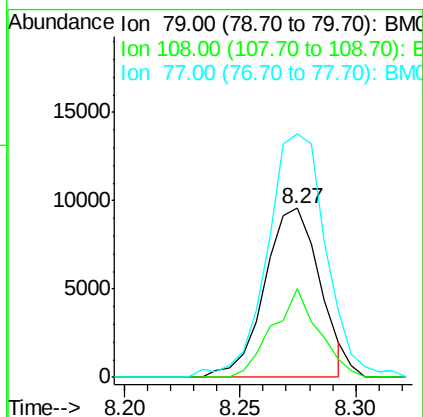
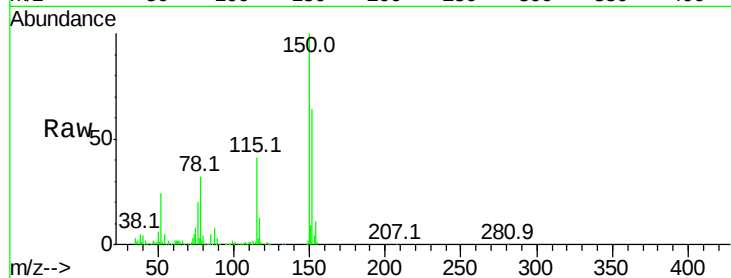
Tot Ion: 79 Resp: 15829

Ion Ratio Lower Upper

79 100

108 52.6 65.0 97.4#

77 144.3 53.0 79.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BM010165.D

Acq: 24 May 2017 05:35

Tgt Ion: 136 Resp: 434967

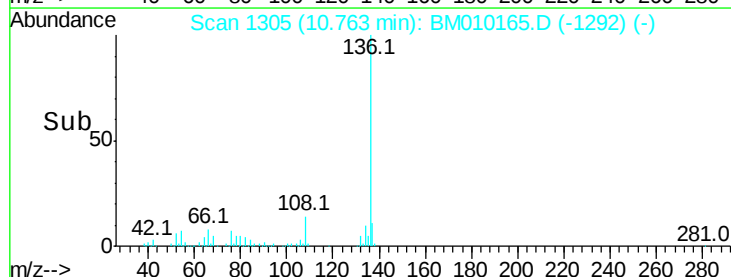
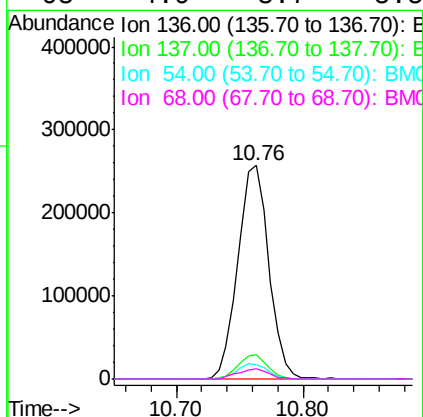
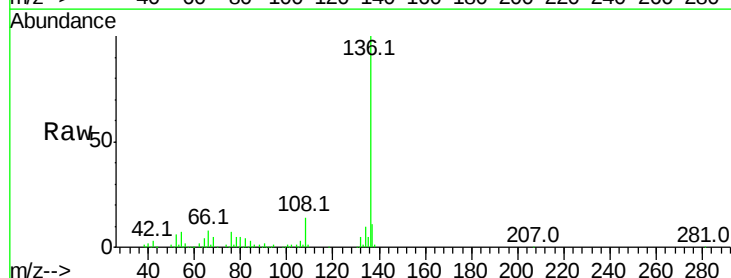
Ion Ratio Lower Upper

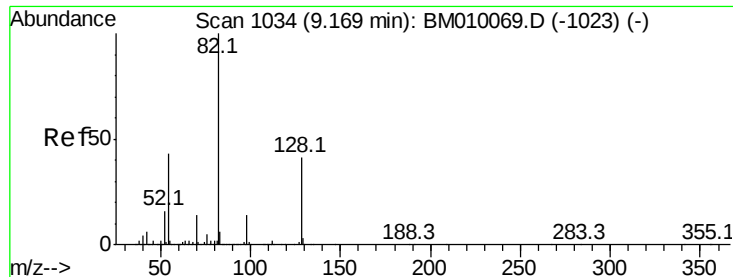
136 100

137 11.4 8.7 13.1

54 6.7 4.6 6.8

68 4.9 3.7 5.5

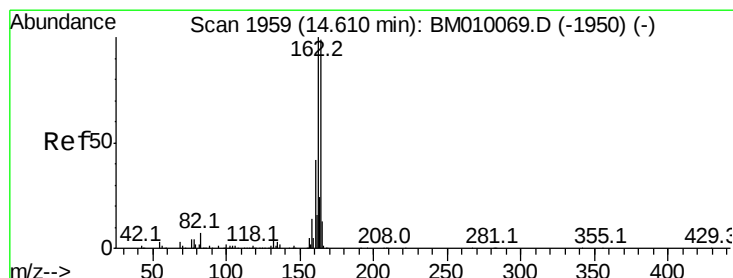
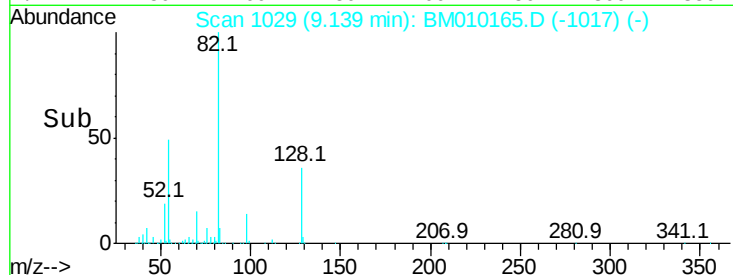
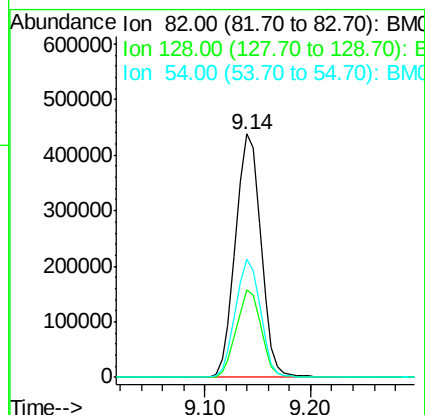
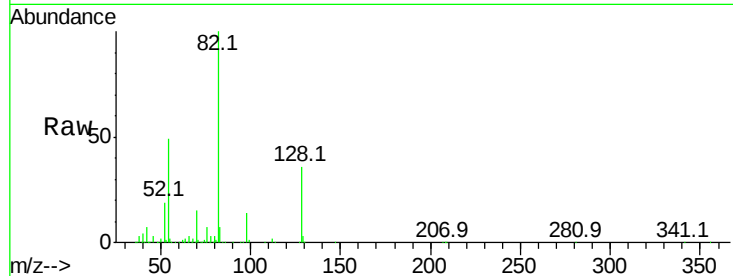




#23  
 Nitrobenzene-d5  
 Concen: 90.69 ng  
 RT: 9.14 min Scan# 1029  
 Delta R.T. -0.03 min  
 Lab File: BM010165.D  
 Acq: 24 May 2017 05:35

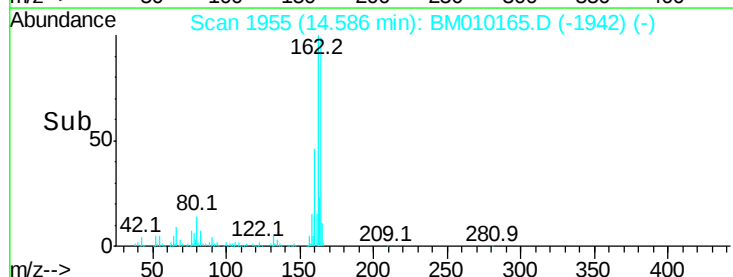
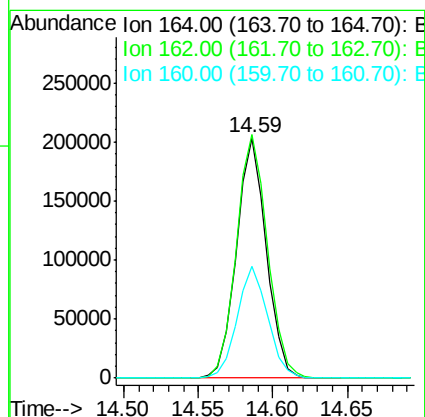
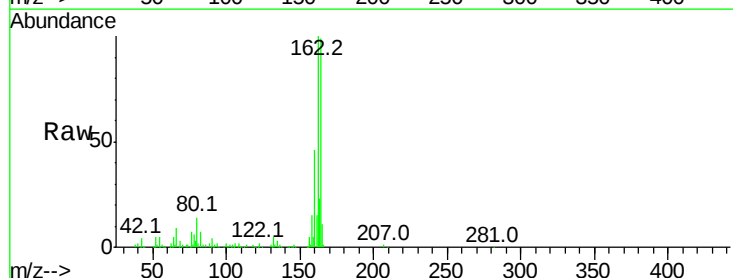
Instrument :  
 BNA\_M  
 ClientSampled :

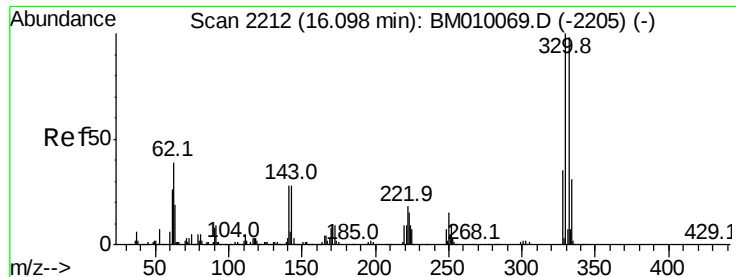
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 35.7  | 32.8  | 49.2  |
| 54      | 48.7  | 40.6  | 60.8  |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.59 min Scan# 1955  
 Delta R.T. -0.02 min  
 Lab File: BM010165.D  
 Acq: 24 May 2017 05:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.4 | 82.4  | 123.6 |
| 160     | 46.4  | 35.8  | 53.6  |

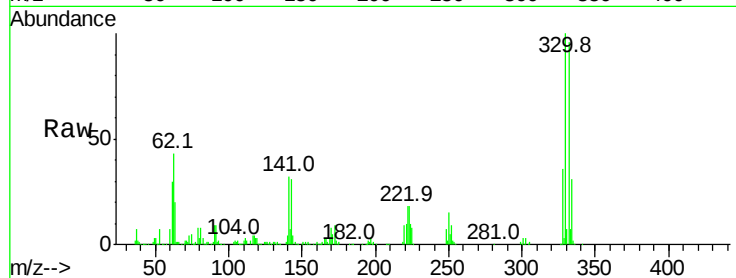




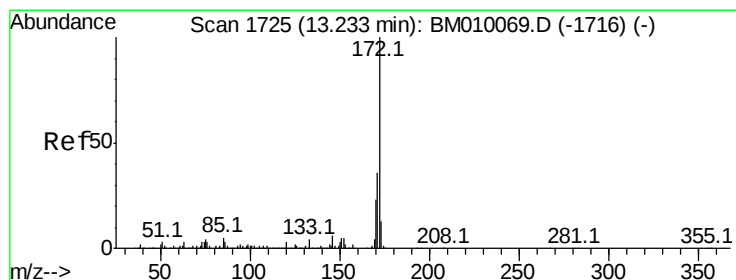
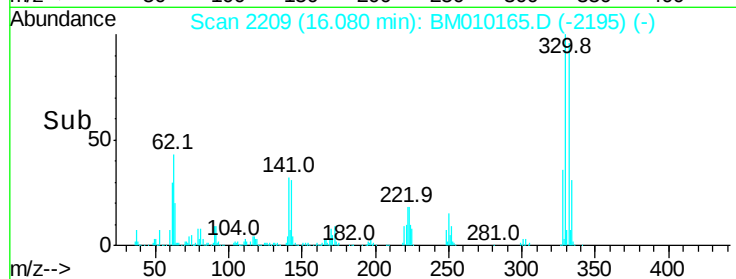
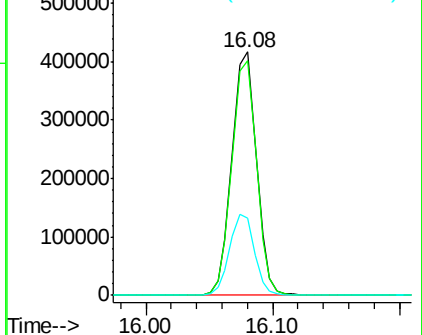
#41  
 2,4,6-Tribromophenol  
 Concen: 130.99 ng  
 RT: 16.08 min Scan# 2209  
 Delta R.T. -0.02 min  
 Lab File: BM010165.D  
 Acq: 24 May 2017 05:35

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:330 Resp: 561178  
 Ion Ratio Lower Upper  
 330 100  
 332 97.2 0.0 0.0#  
 141 33.8 0.0 0.0#

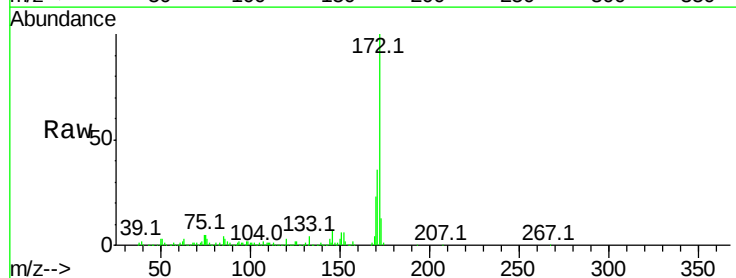


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

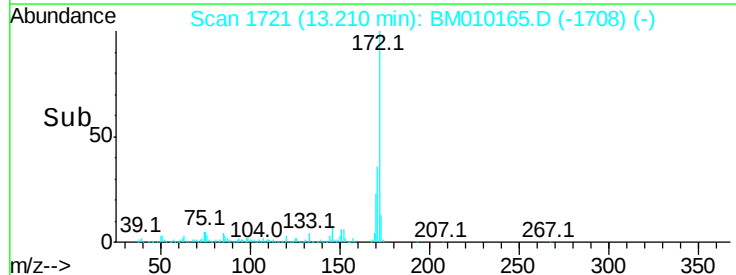
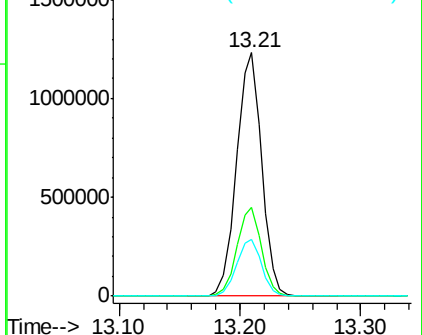


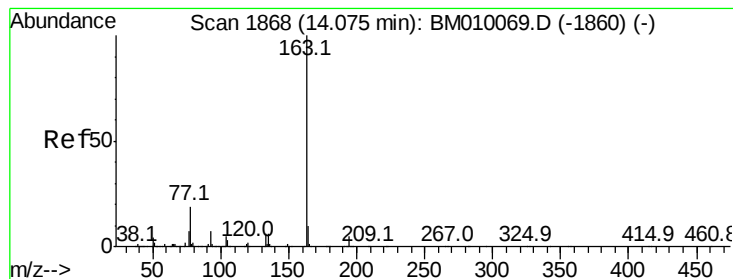
#44  
 2-Fluorobiphenyl  
 Concen: 81.02 ng  
 RT: 13.21 min Scan# 1721  
 Delta R.T. -0.02 min  
 Lab File: BM010165.D  
 Acq: 24 May 2017 05:35

Tgt Ion:172 Resp: 1777562  
 Ion Ratio Lower Upper  
 172 100  
 171 36.3 28.5 42.7  
 170 23.3 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: 12.52 ng

RT: 14.04 min Scan# 1863

Delta R.T. -0.03 min

Lab File: BM010165.D

Acq: 24 May 2017 05:35

Instrument :

BNA\_M

ClientSampleId :

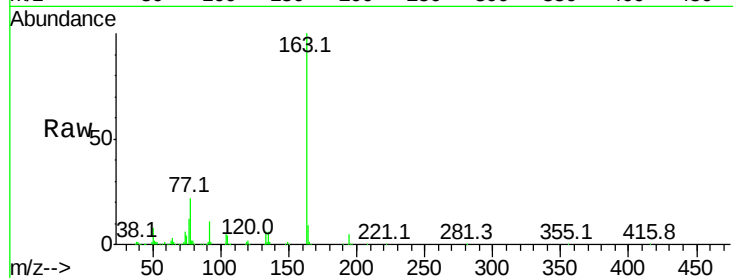
Tot Ion:163 Resp: 315122

Ion Ratio Lower Upper

163 100

194 4.8 2.7 4.1#

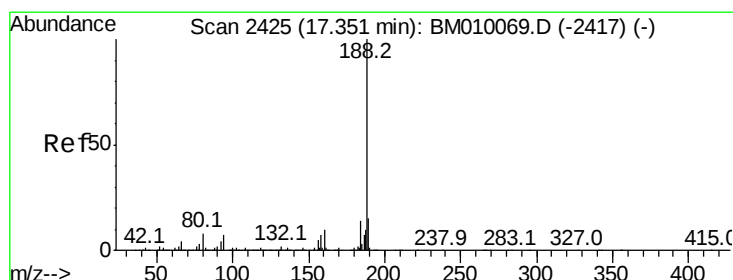
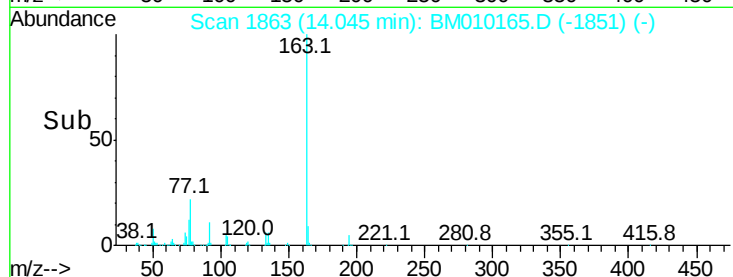
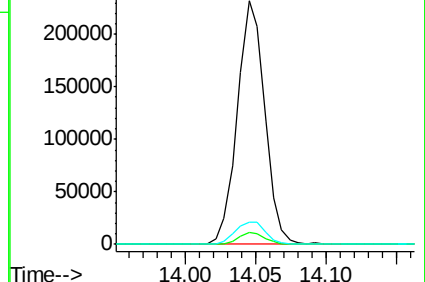
164 9.3 8.2 12.2



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: 20.00 ng

RT: 17.33 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BM010165.D

Acq: 24 May 2017 05:35

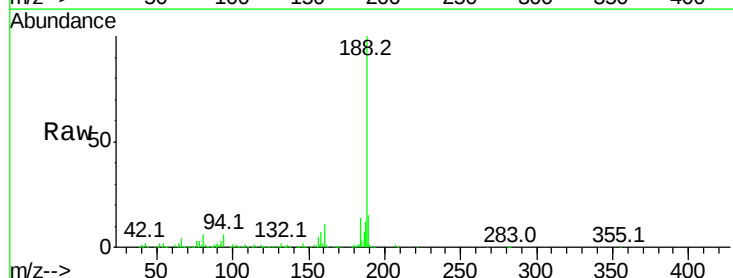
Tgt Ion:188 Resp: 726359

Ion Ratio Lower Upper

188 100

94 5.9 8.7 13.1#

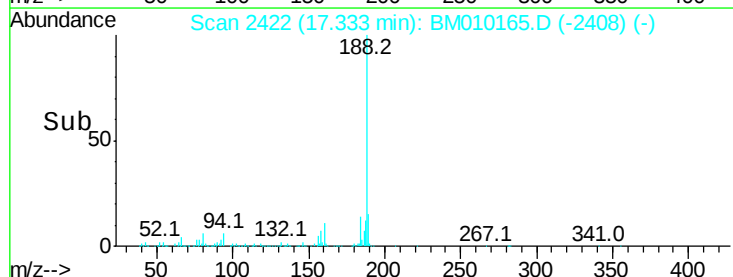
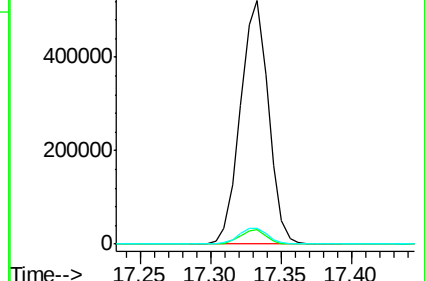
80 6.4 9.3 13.9#

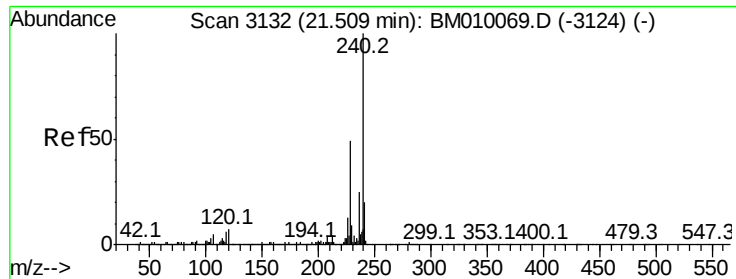


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BM010165.D

Acq: 24 May 2017 05:35

Instrument :

BNA\_M

ClientSampleId :

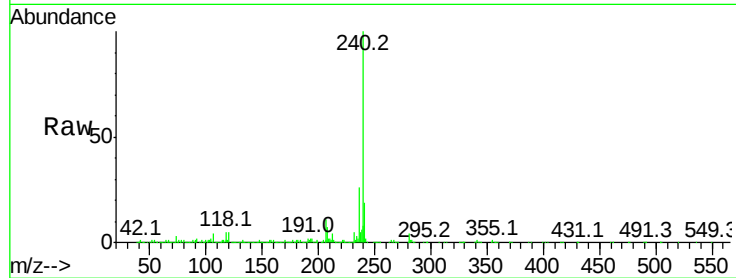
Tot Ion:240 Resp: 1114222

Ion Ratio Lower Upper

240 100

120 4.8 8.2 12.2#

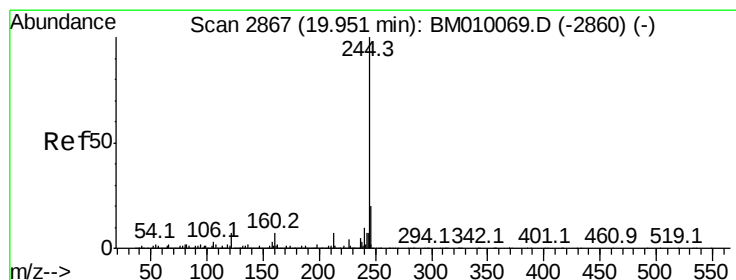
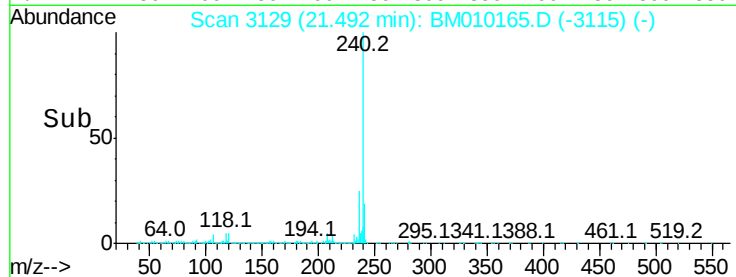
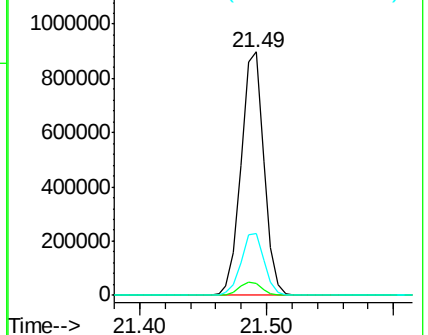
236 25.5 20.0 30.0



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: 66.97 ng

RT: 19.93 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BM010165.D

Acq: 24 May 2017 05:35

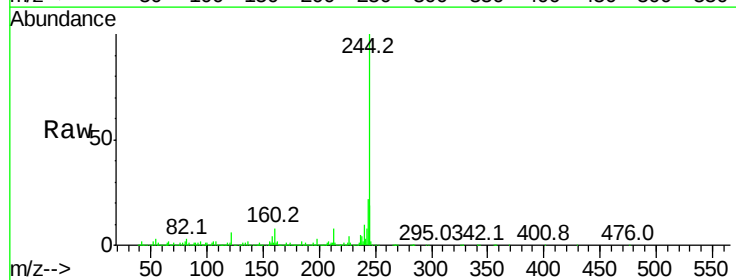
Tgt Ion:244 Resp: 3281581

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

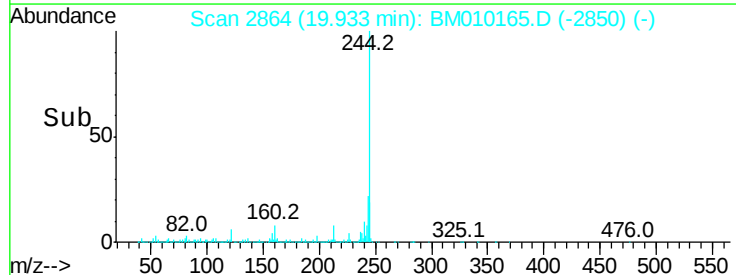
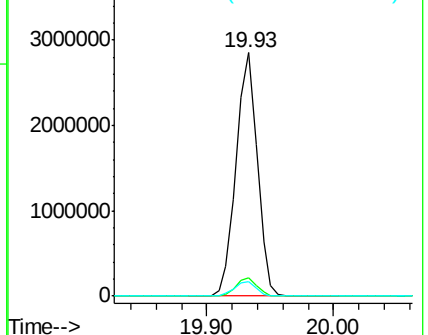
122 6.1 6.2 9.4#

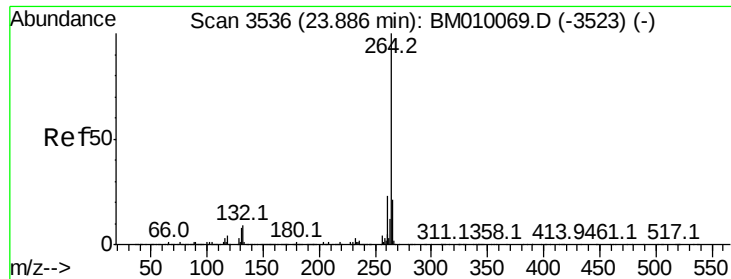


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



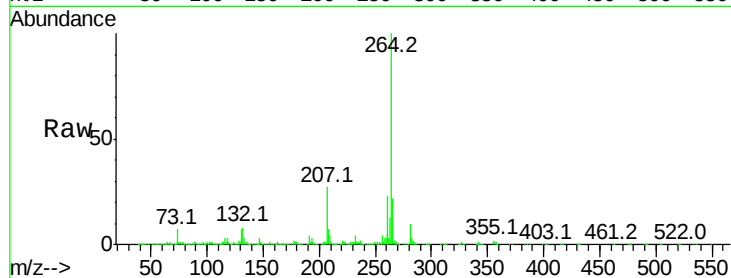


#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 23.86 min Scan# 3531  
 Delta R.T. -0.03 min  
 Lab File: BM010165.D  
 Acq: 24 May 2017 05:35

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:264 Resp: 1269680  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.4  | 18.6  | 27.8  |
| 265 | 22.0  | 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

