

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052317\  
 Data File : BM010142.D  
 Acq On : 23 May 2017 15:17  
 Operator : SJ/MA  
 Sample : I3281-18  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: May 23 18:25:42 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

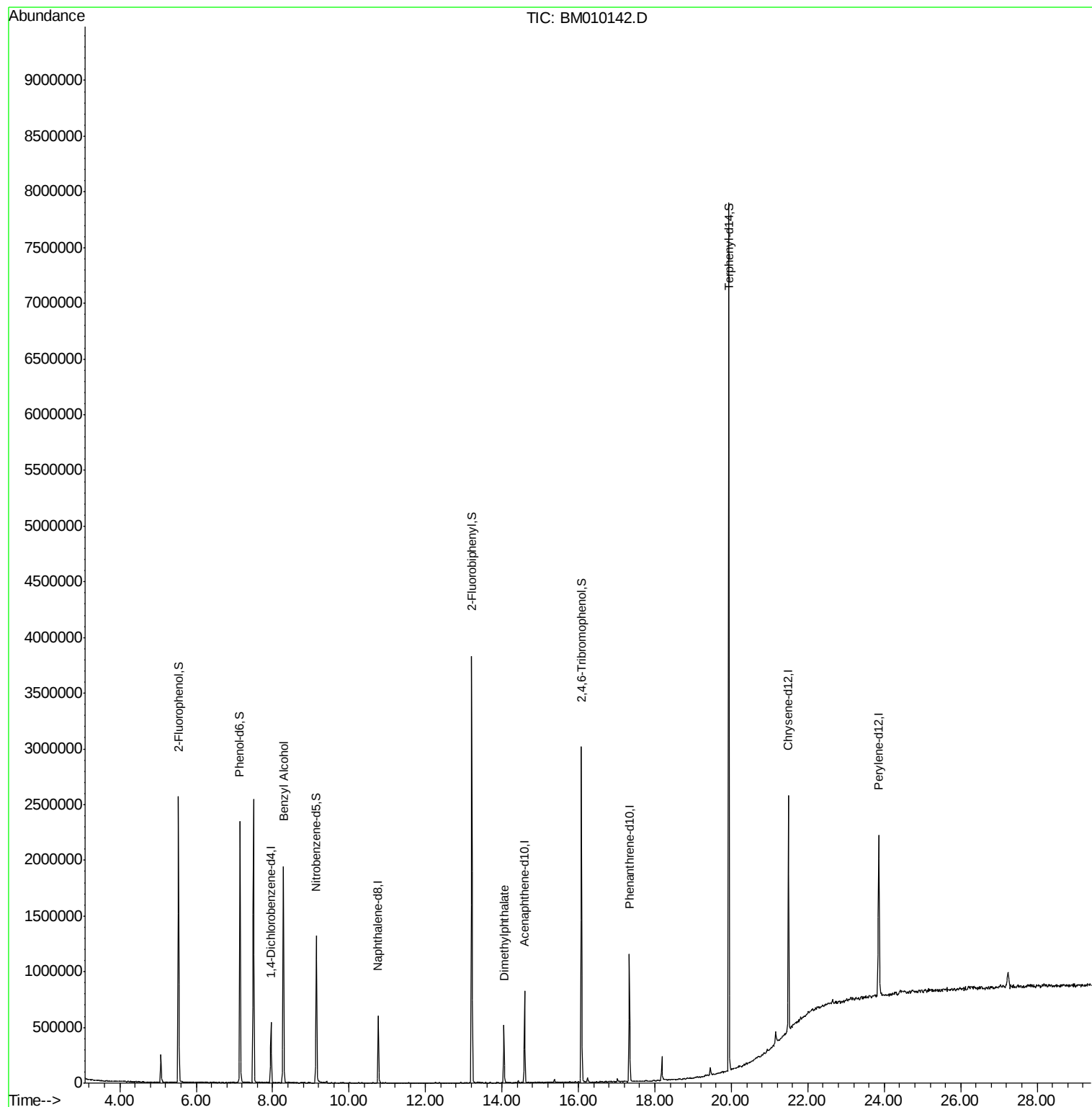
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.96  | 152  | 133636   | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.76 | 136  | 442045   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10        | 14.59 | 164  | 266612   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10        | 17.33 | 188  | 657782   | 20.00  | ng    | -0.02    |
| 75) Chrysene-d12            | 21.49 | 240  | 1005596  | 20.00  | ng    | -0.02    |
| 86) Perylene-d12            | 23.86 | 264  | 1170987  | 20.00  | ng    | -0.03    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.54  | 112  | 927513   | 125.34 | ng    | -0.02    |
| 7) Phenol-d6                | 7.15  | 99   | 1131218  | 118.80 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.15  | 82   | 736107   | 89.84  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 16.08 | 330  | 500815   | 123.68 | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 13.21 | 172  | 1842477  | 88.84  | ng    | -0.02    |
| 78) Terphenyl-d14           | 19.93 | 244  | 3089813  | 69.87  | ng    | -0.02    |
| Target Compounds            |       |      |          |        |       |          |
| 15) Benzyl Alcohol          | 8.27  | 79   | 15882    | 2.20   | ng    | # 44     |
| 49) Dimethylphthalate       | 14.05 | 163  | 299304   | 12.59  | ng    | # 97     |

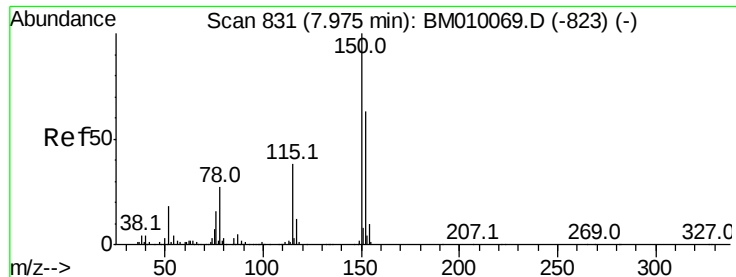
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052317\  
Data File : BM010142.D  
Acq On : 23 May 2017 15:17  
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Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: May 23 18:25:42 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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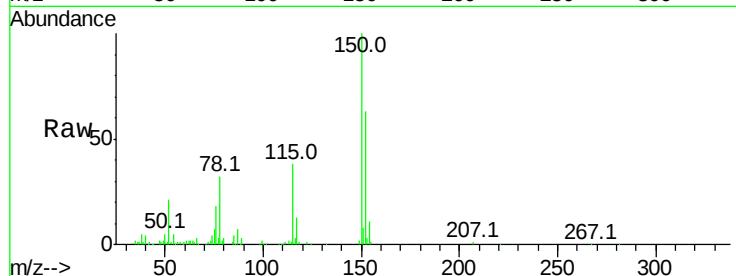


#1

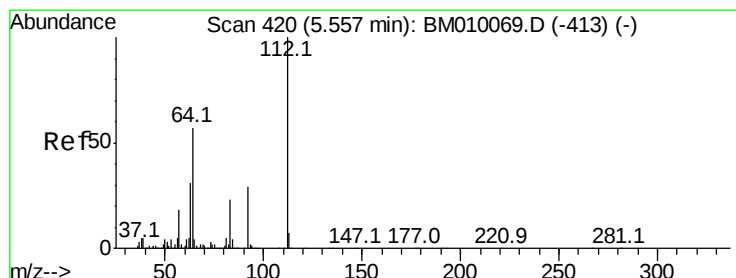
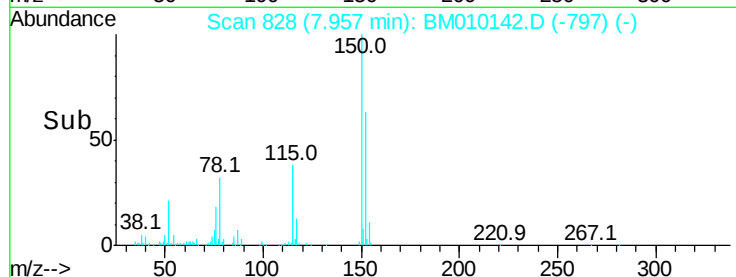
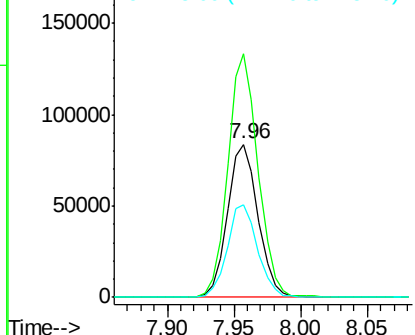
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.96 min Scan# 828  
Delta R.T. -0.02 min  
Lab File: BM010142.D  
Acq: 23 May 2017 15:17

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.0 | 119.5 | 179.3 |
| 115     | 60.1  | 43.0  | 64.4  |



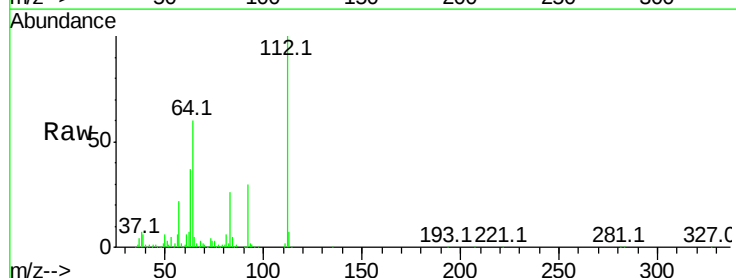
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



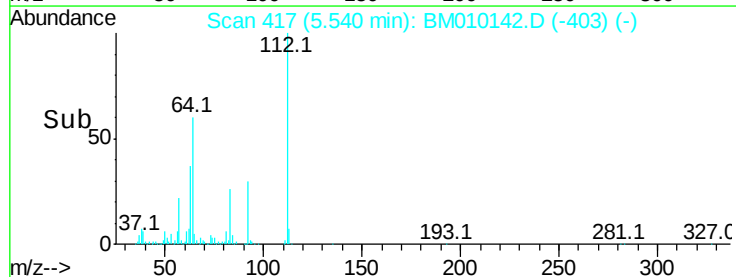
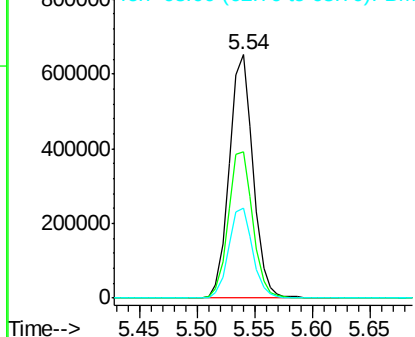
#5

2-Fluorophenol  
Concen: 125.34 ng  
RT: 5.54 min Scan# 417  
Delta R.T. -0.02 min  
Lab File: BM010142.D  
Acq: 23 May 2017 15:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 60.1  | 38.6  | 57.8# |
| 63      | 36.9  | 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: 118.80 ng

RT: 7.15 min Scan# 690

Delta R.T. -0.02 min

Lab File: BM010142.D

Acq: 23 May 2017 15:17

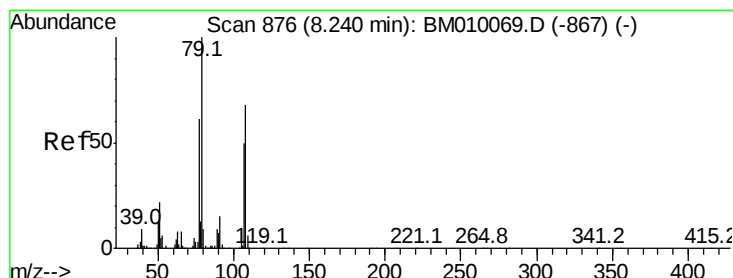
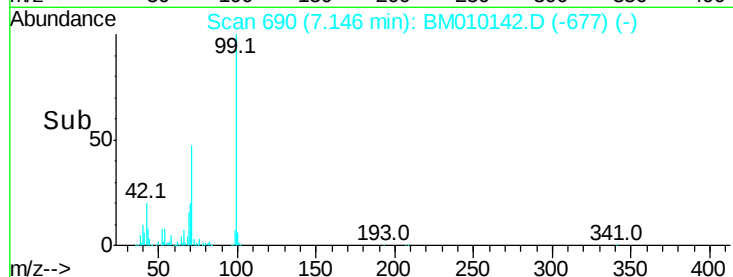
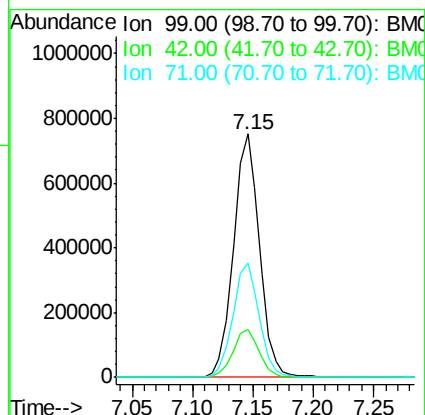
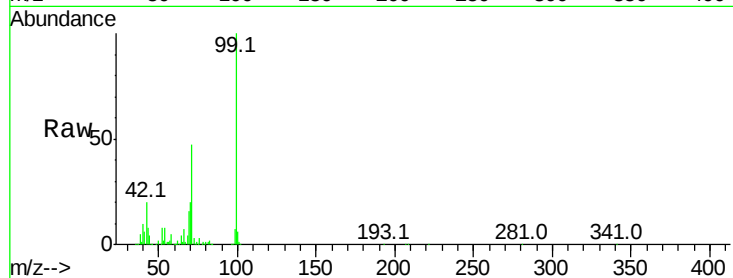
Instrument :

BNA\_M

ClientSampled :

Tot Ion: 99 Resp: 1131218

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.8  | 11.0  | 16.4# |
| 71  | 46.8  | 23.4  | 35.2# |



#15

Benzyl Alcohol

Concen: 2.20 ng

RT: 8.27 min Scan# 882

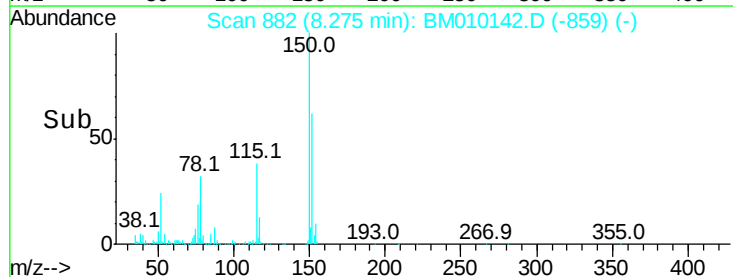
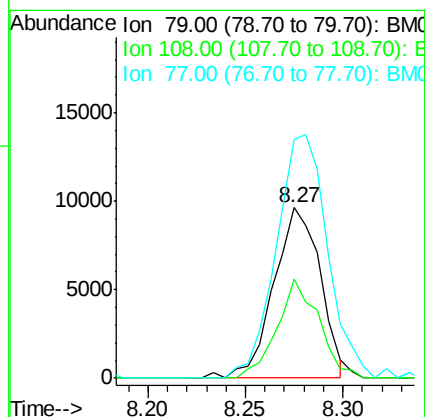
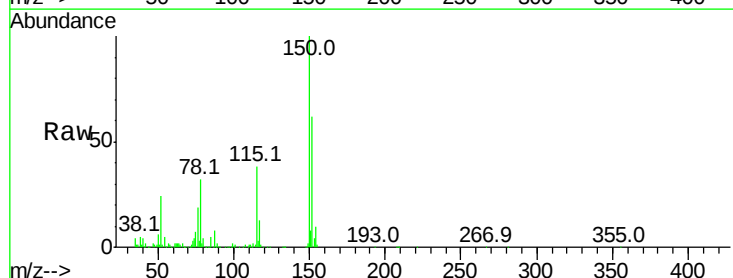
Delta R.T. 0.04 min

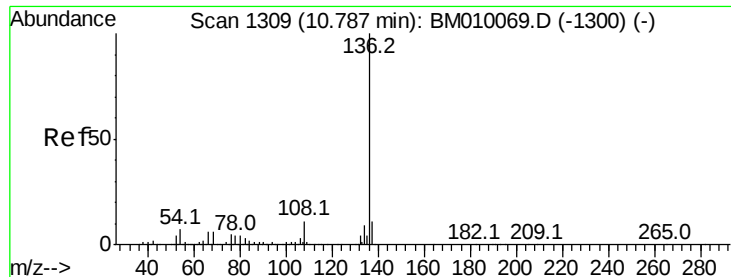
Lab File: BM010142.D

Acq: 23 May 2017 15:17

Tgt Ion: 79 Resp: 15882

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 58.5  | 65.0  | 97.4# |
| 77  | 140.3 | 53.0  | 79.6# |

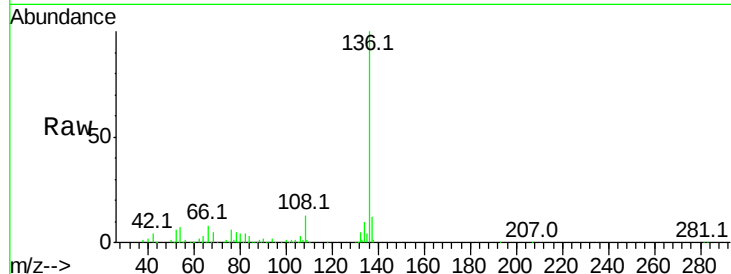




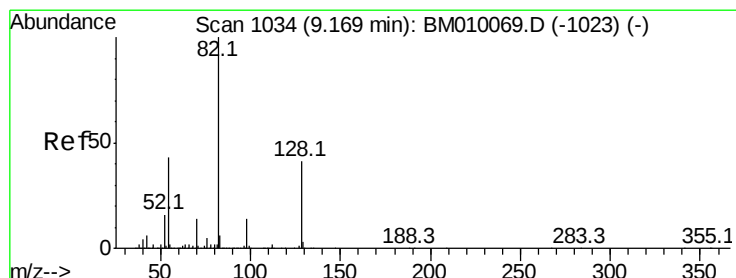
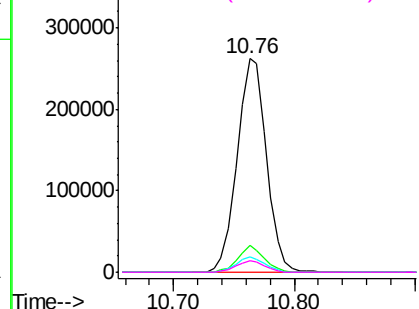
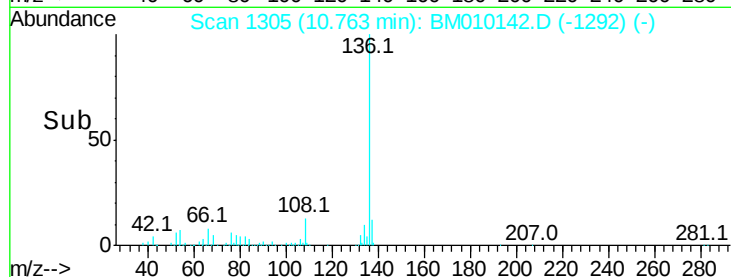
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.76 min Scan# 1305  
Delta R.T. -0.02 min  
Lab File: BM010142.D  
Acq: 23 May 2017 15:17

Instrument :  
BNA\_M  
ClientSampled :

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 442045   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 12.4  | 8.7 13.1 |
| 54          | 7.3   | 4.6 6.8# |
| 68          | 5.5   | 3.7 5.5  |

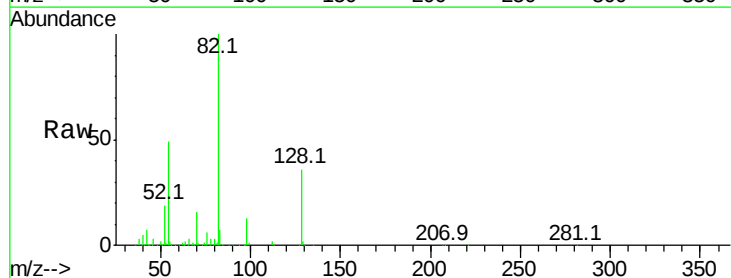


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

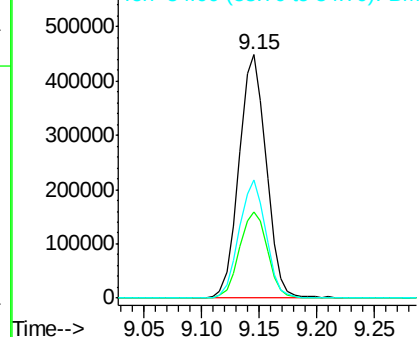
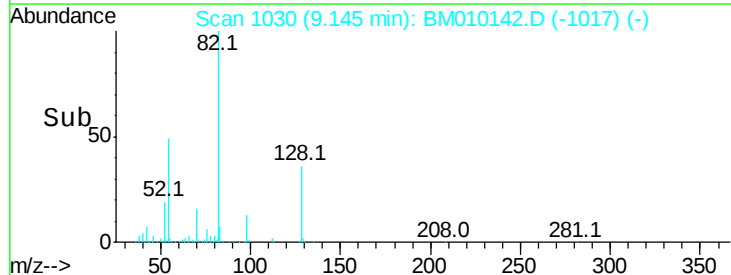


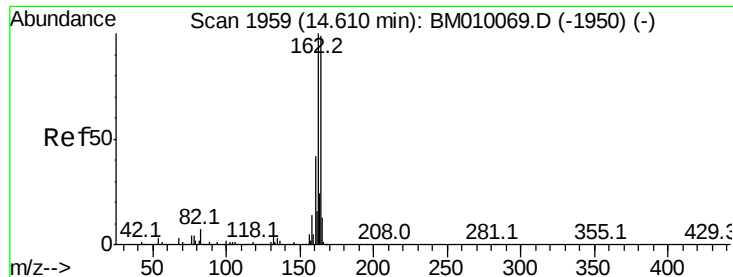
#23  
Nitrobenzene-d5  
Concen: 89.84 ng  
RT: 9.15 min Scan# 1030  
Delta R.T. -0.02 min  
Lab File: BM010142.D  
Acq: 23 May 2017 15:17

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 736107    |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 35.6  | 32.8 49.2 |
| 54          | 48.6  | 40.6 60.8 |



Abundance Ion 82.00 (81.70 to 82.70): BM  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.59 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BM010142.D

Acq: 23 May 2017 15:17

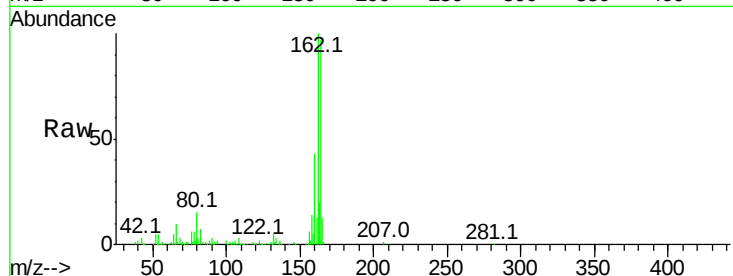
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:164 Resp: 266612

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 103.2 | 82.4  | 123.6 |
| 160 | 44.8  | 35.8  | 53.6  |

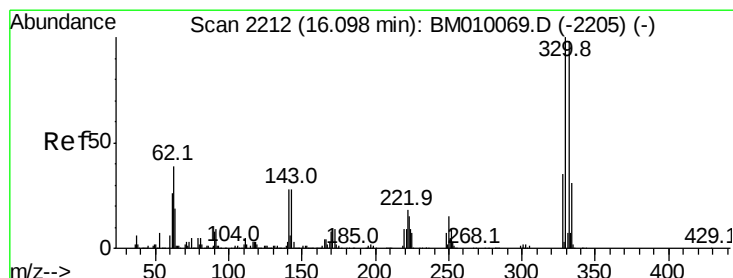
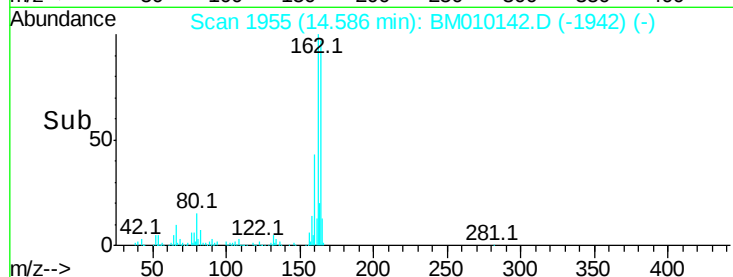
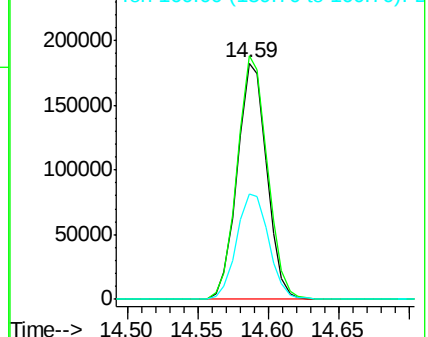


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 123.68 ng

RT: 16.08 min Scan# 2209

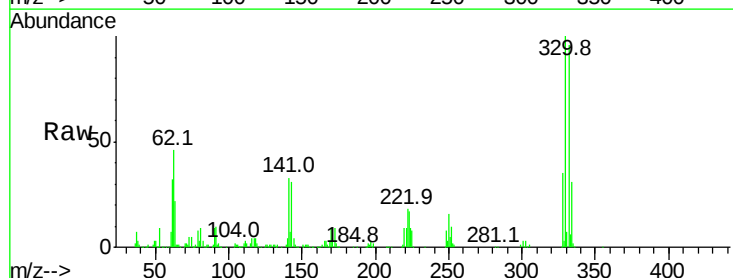
Delta R.T. -0.02 min

Lab File: BM010142.D

Acq: 23 May 2017 15:17

Tgt Ion:330 Resp: 500815

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 97.3  | 0.0   | 0.0#  |
| 141 | 33.1  | 0.0   | 0.0#  |

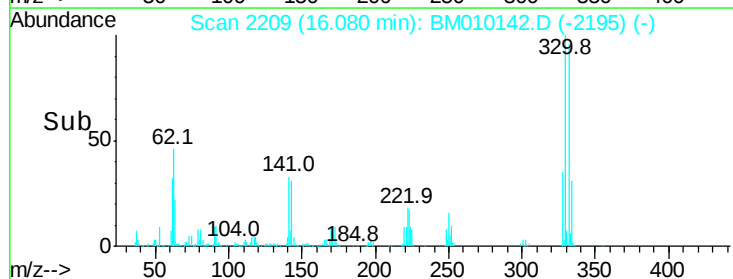
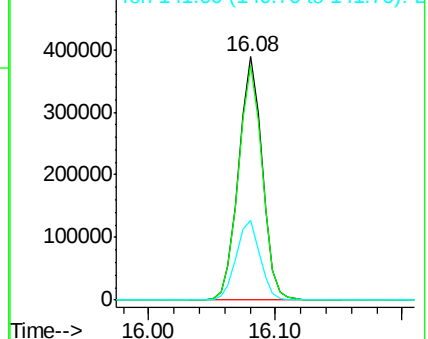


Abundance

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

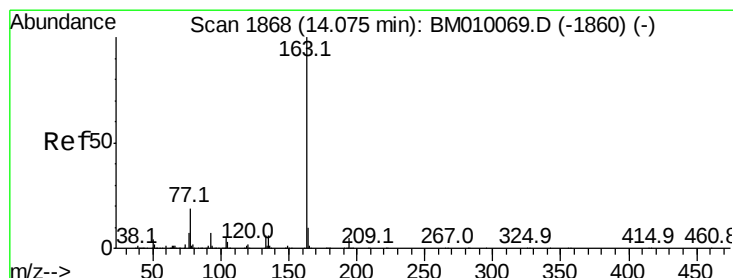
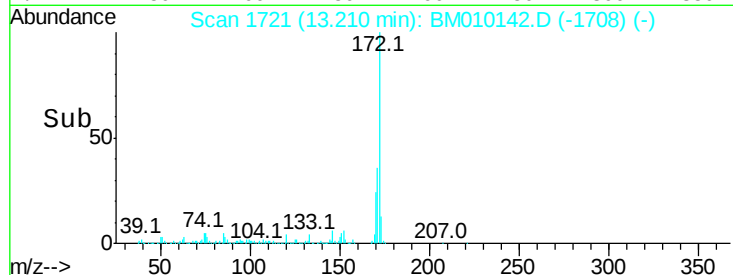
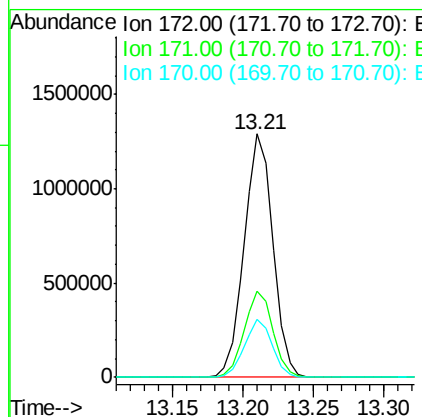
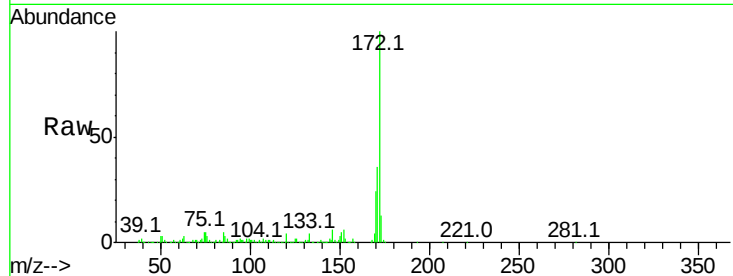




#44  
2-Fluorobiphenyl  
Concen: 88.84 ng  
RT: 13.21 min Scan# 1721  
Delta R.T. -0.02 min  
Lab File: BM010142.D  
Acq: 23 May 2017 15:17

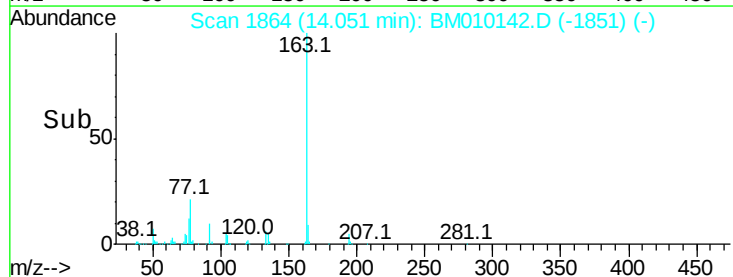
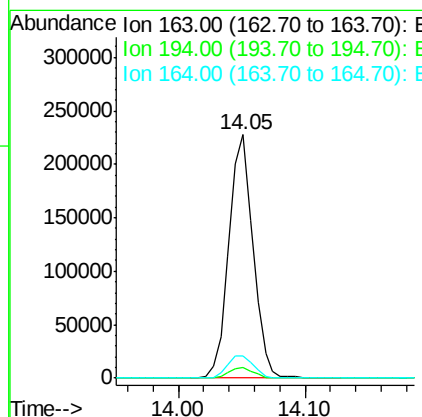
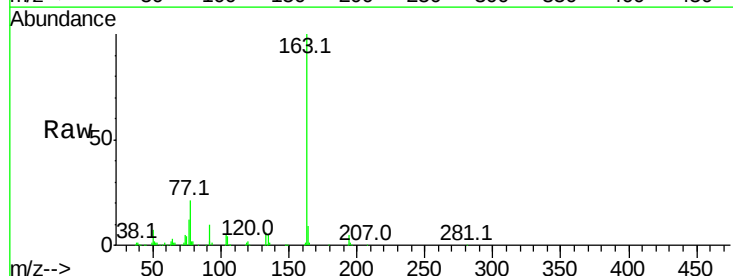
Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:172 Resp: 1842477  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.5 42.7  
170 23.6 18.8 28.2



#49  
Dimethylphthalate  
Concen: 12.59 ng  
RT: 14.05 min Scan# 1864  
Delta R.T. -0.02 min  
Lab File: BM010142.D  
Acq: 23 May 2017 15:17

Tgt Ion:163 Resp: 299304  
Ion Ratio Lower Upper  
163 100  
194 4.6 2.7 4.1#  
164 9.3 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.33 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BM010142.D

Acq: 23 May 2017 15:17

Instrument :

BNA\_M

ClientSampleId :

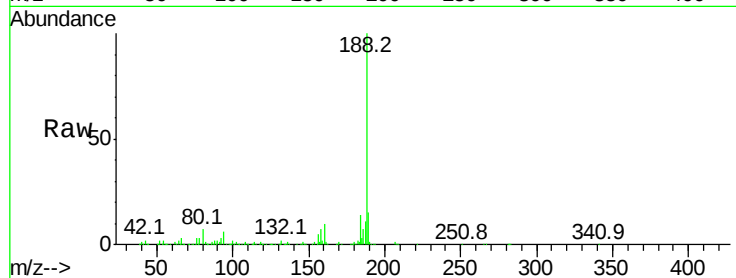
Tot Ion:188 Resp: 657782

Ion Ratio Lower Upper

188 100

94 5.7 8.7 13.1#

80 6.6 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

17.33

400000

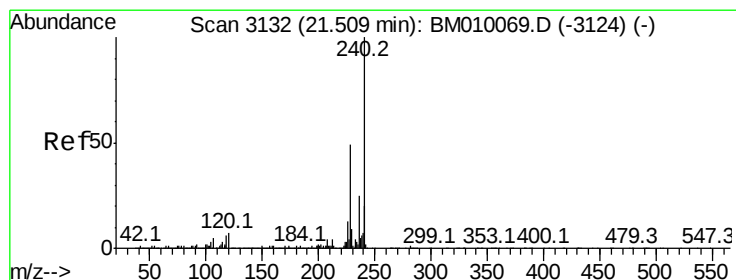
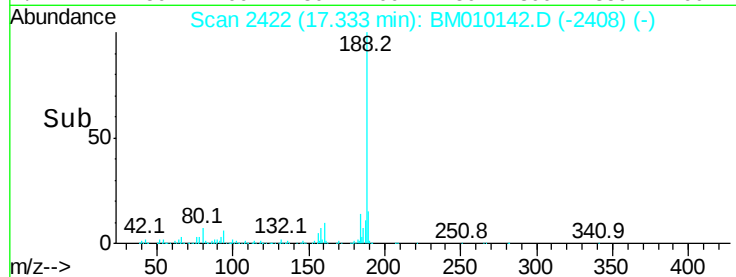
300000

200000

100000

0

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BM010142.D

Acq: 23 May 2017 15:17

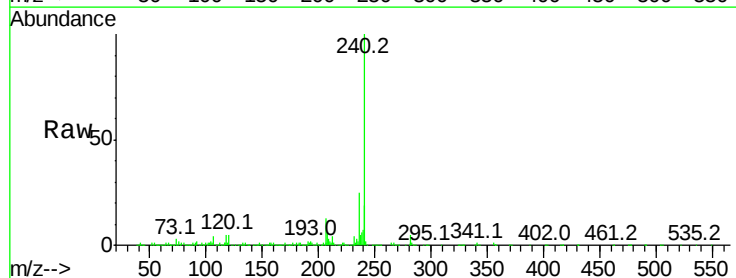
Tgt Ion:240 Resp: 1005596

Ion Ratio Lower Upper

240 100

120 4.8 8.2 12.2#

236 25.4 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

21.49

1000000

800000

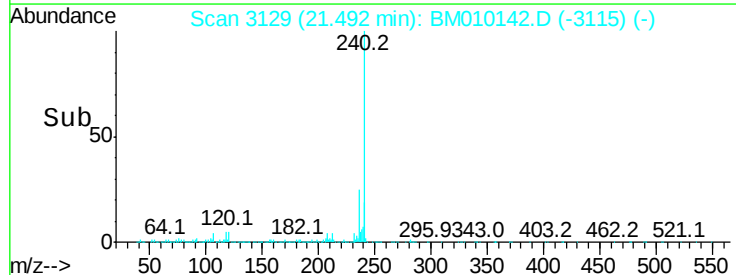
600000

400000

200000

0

Time-->



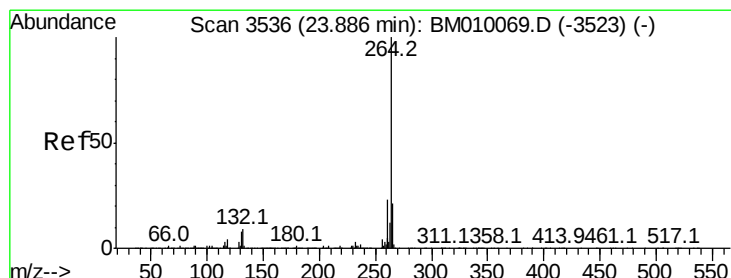
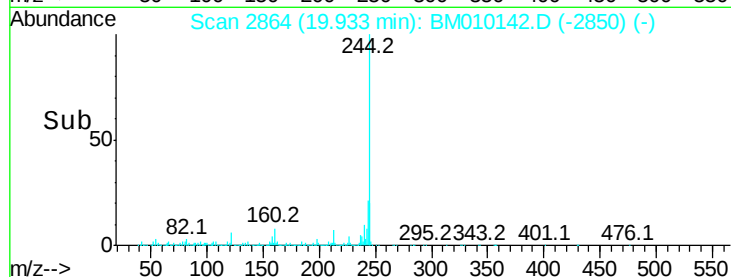
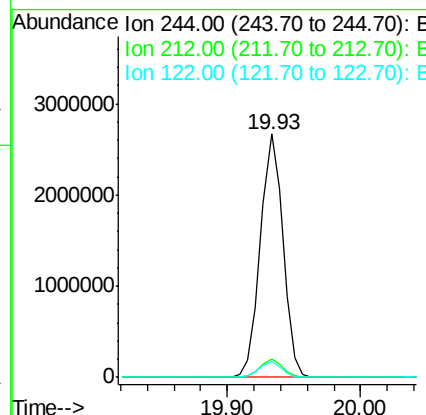
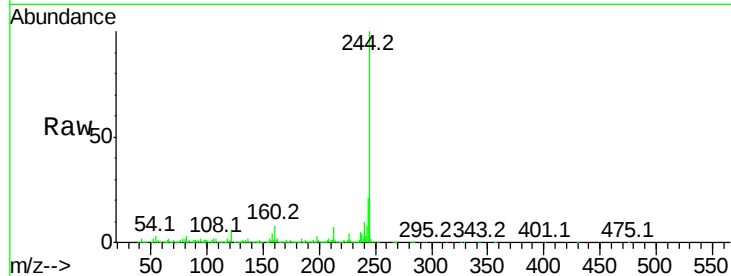


#78  
 Terphenyl-d14  
 Concen: 69.87 ng  
 RT: 19.93 min Scan# 2864  
 Delta R.T. -0.02 min  
 Lab File: BM010142.D  
 Acq: 23 May 2017 15:17

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:244 Resp: 3089813  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.3   | 4.9   | 7.3   |
| 122 | 6.5   | 6.2   | 9.4   |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.86 min Scan# 3531  
 Delta R.T. -0.03 min  
 Lab File: BM010142.D  
 Acq: 23 May 2017 15:17

Tgt Ion:264 Resp: 1170987  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.3  | 18.6  | 27.8  |
| 265 | 22.5  | 17.3  | 25.9  |

