

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052517\  
 Data File : BM010239.D  
 Acq On : 26 May 2017 04:22  
 Operator : SJ/MA  
 Sample : I3332-13  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: May 26 05:20:52 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

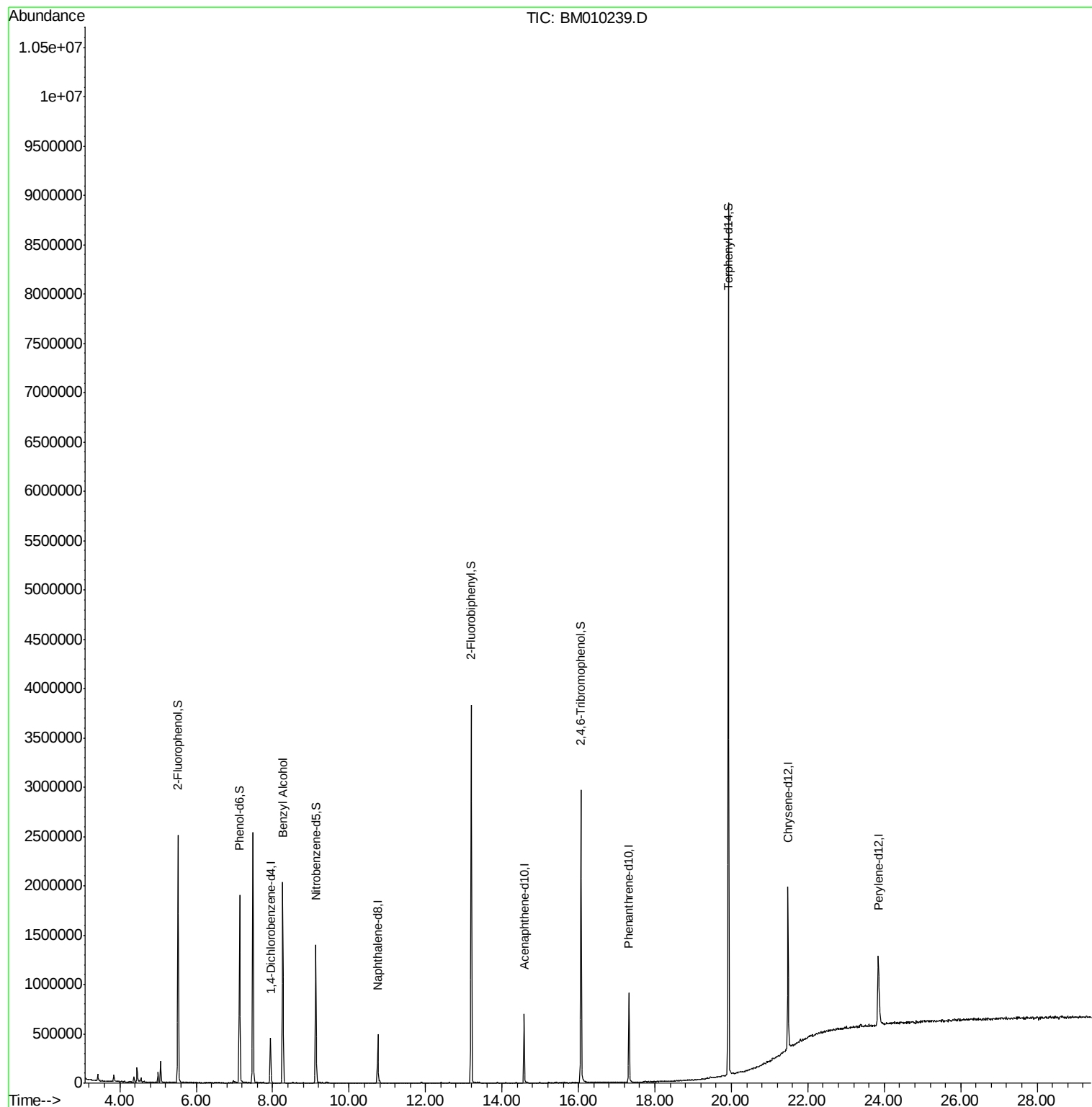
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.95  | 152  | 111631   | 20.00  | ng    | -0.03          |
| 21) Naphthalene-d8          | 10.75 | 136  | 366345   | 20.00  | ng    | -0.04          |
| 38) Acenaphthene-d10        | 14.57 | 164  | 208387   | 20.00  | ng    | -0.04          |
| 63) Phenanthrene-d10        | 17.32 | 188  | 537610   | 20.00  | ng    | -0.03          |
| 75) Chrysene-d12            | 21.48 | 240  | 839688   | 20.00  | ng    | -0.03          |
| 86) Perylene-d12            | 23.84 | 264  | 425999   | 20.00  | ng    | -0.05          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.53  | 112  | 852874   | 137.97 | ng    | -0.03          |
| 7) Phenol-d6                | 7.13  | 99   | 901326   | 113.31 | ng    | -0.04          |
| 23) Nitrobenzene-d5         | 9.13  | 82   | 759015   | 111.78 | ng    | -0.04          |
| 41) 2,4,6-Tribromophenol    | 16.07 | 330  | 511341   | 161.56 | ng    | -0.03          |
| 44) 2-Fluorobiphenyl        | 13.20 | 172  | 1858982  | 114.68 | ng    | -0.04          |
| 78) Terphenyl-d14           | 19.92 | 244  | 3499471  | 94.76  | ng    | -0.03          |
| Target Compounds            |       |      |          |        |       |                |
| 15) Benzyl Alcohol          | 8.26  | 79   | 16676    | 2.77   | ng    | Qvalue<br># 40 |

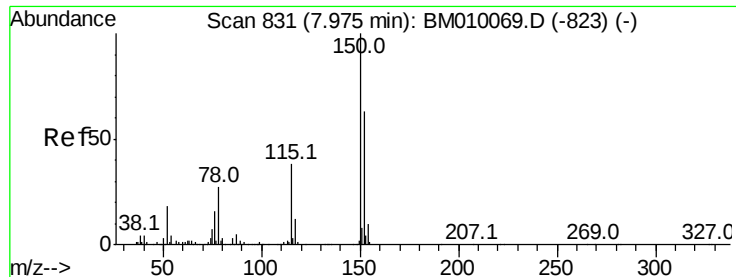
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 20 04:25:49 2017  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.95 min Scan# 826

Delta R.T. -0.03 min

Lab File: BM010239.D

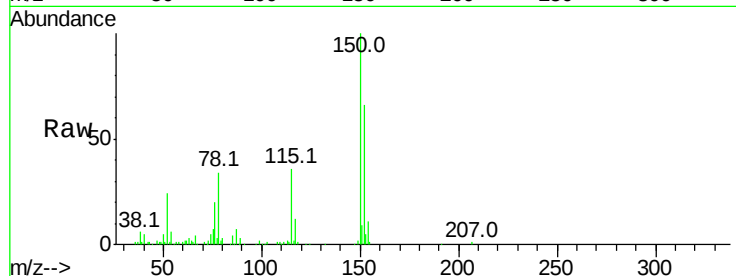
Acq: 26 May 2017 04:22

Instrument :

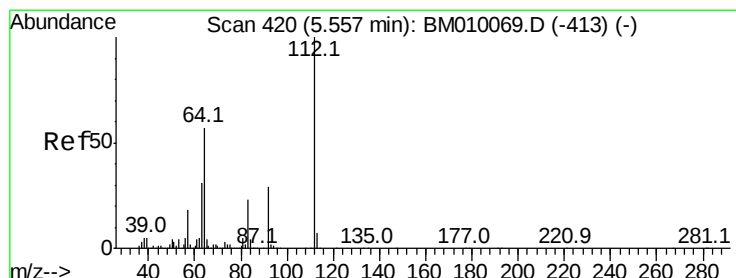
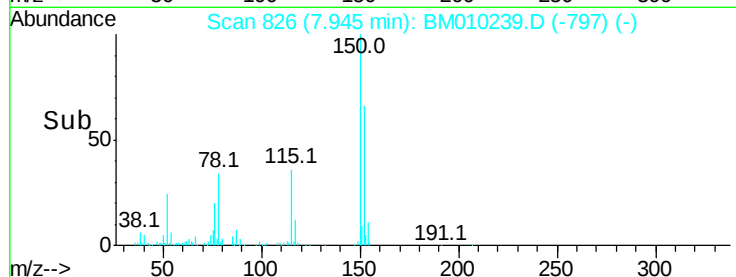
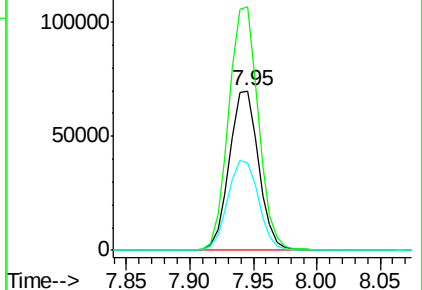
BNA\_M

ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:152 | Resp: | 111631      |
| Ion Ratio   | Lower | Upper       |
| 152         | 100   |             |
| 150         | 152.5 | 119.5 179.3 |
| 115         | 54.4  | 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: 137.97 ng

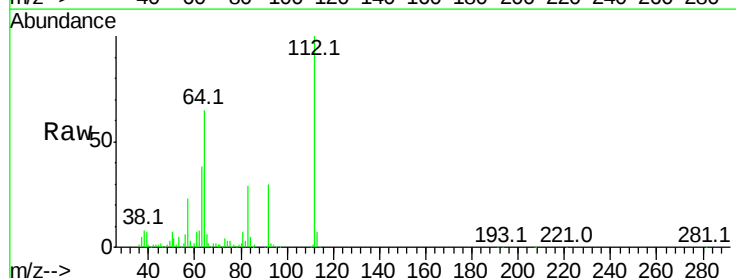
RT: 5.53 min Scan# 415

Delta R.T. -0.03 min

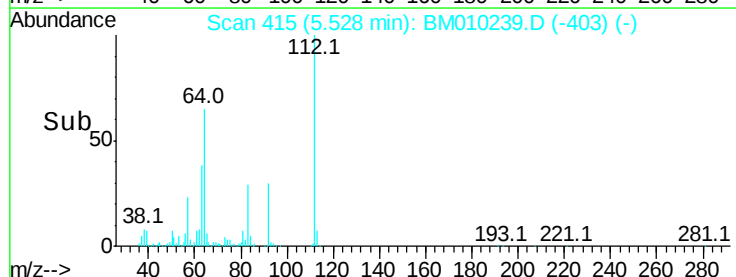
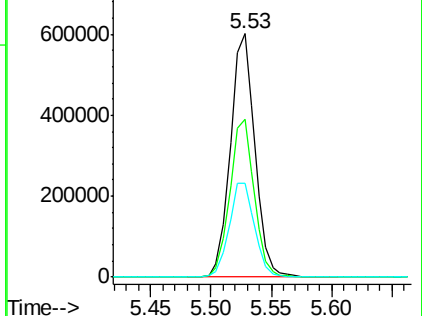
Lab File: BM010239.D

Acq: 26 May 2017 04:22

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:112 | Resp: | 852874     |
| Ion Ratio   | Lower | Upper      |
| 112         | 100   |            |
| 64          | 64.6  | 38.6 57.8# |
| 63          | 38.4  | 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: 113.31 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.04 min

Lab File: BM010239.D

Acq: 26 May 2017 04:22

Instrument :

BNA\_M

ClientSampled :

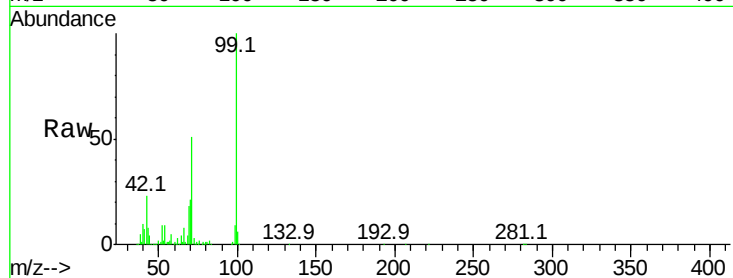
Tot Ion: 99 Resp: 901326

Ion Ratio Lower Upper

99 100

42 22.8 11.0 16.4#

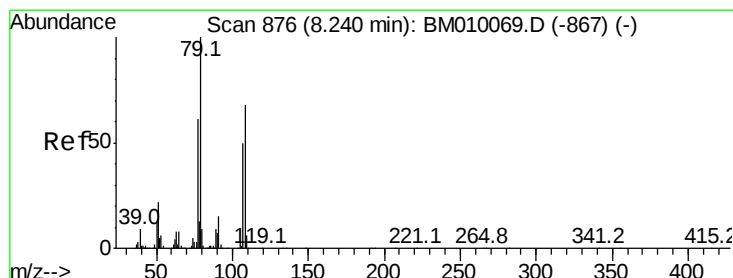
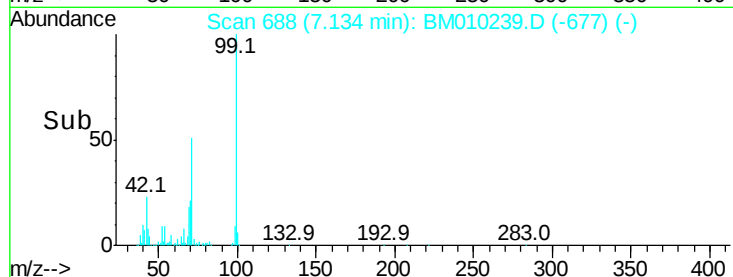
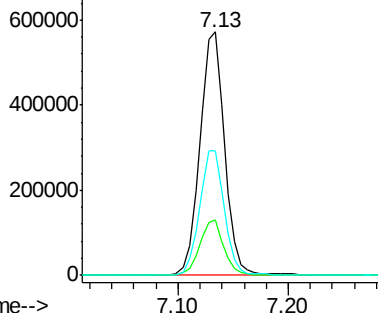
71 51.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)



#15

Benzyl Alcohol

Concen: 2.77 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.02 min

Lab File: BM010239.D

Acq: 26 May 2017 04:22

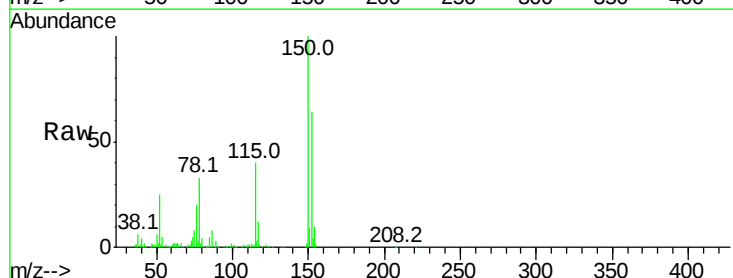
Tgt Ion: 79 Resp: 16676

Ion Ratio Lower Upper

79 100

108 53.0 65.0 97.4#

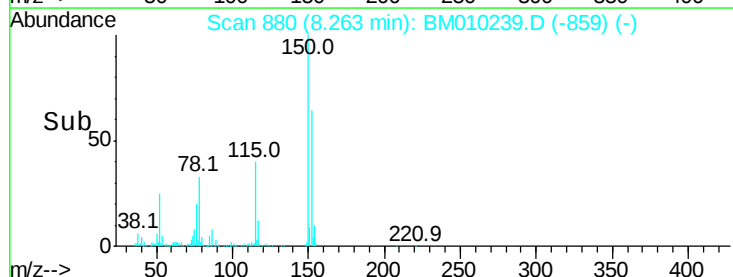
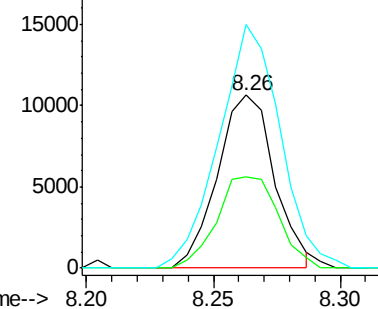
77 141.0 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM010069.D (-867) (-)

Ion 108.00 (107.70 to 108.70): BM010069.D (-867) (-)

Ion 77.00 (76.70 to 77.70): BM010069.D (-867) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.75 min Scan# 1303

Delta R.T. -0.04 min

Lab File: BM010239.D

Acq: 26 May 2017 04:22

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:136 Resp: 366345

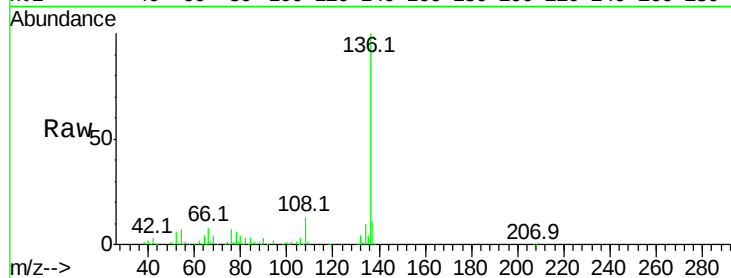
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.0 4.6 6.8#

68 4.1 3.7 5.5

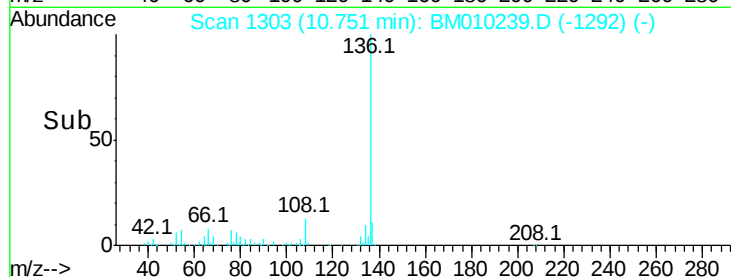


Abundance Ion 136.00 (135.70 to 136.70): E

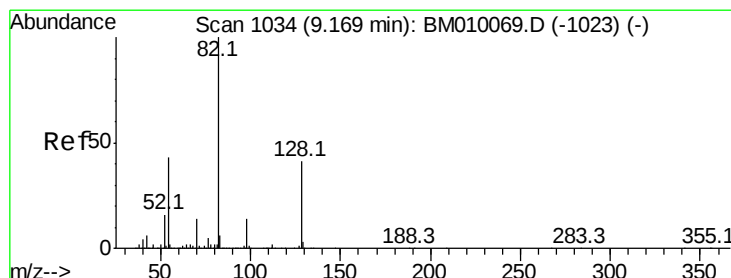
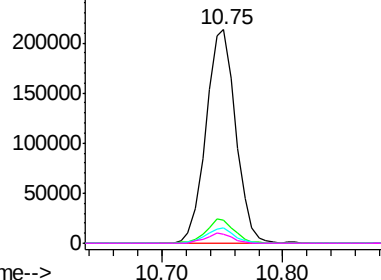
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#23

Nitrobenzene-d5

Concen: 111.78 ng

RT: 9.13 min Scan# 1027

Delta R.T. -0.04 min

Lab File: BM010239.D

Acq: 26 May 2017 04:22

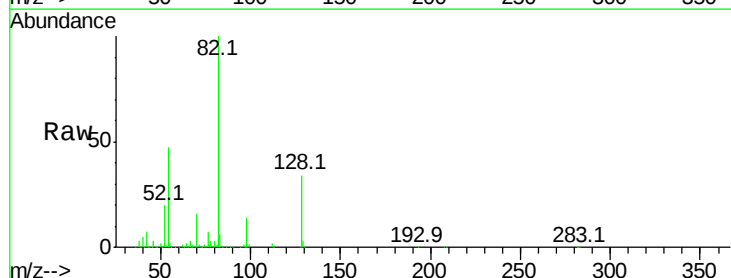
Tgt Ion: 82 Resp: 759015

Ion Ratio Lower Upper

82 100

128 33.8 32.8 49.2

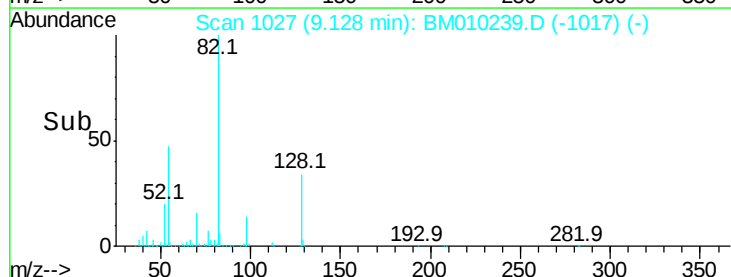
54 46.9 40.6 60.8



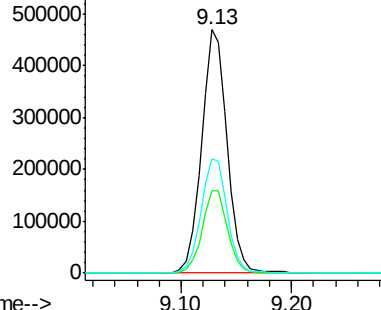
Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.04 min

Lab File: BM010239.D

Acq: 26 May 2017 04:22

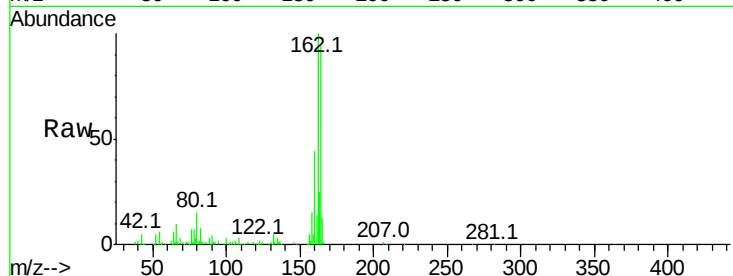
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:164 Resp: 208387

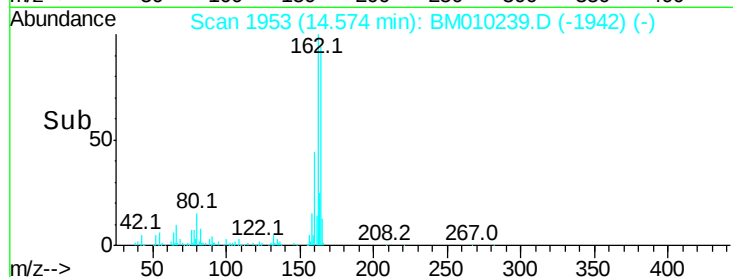
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 106.1 | 82.4  | 123.6 |
| 160 | 46.5  | 35.8  | 53.6  |



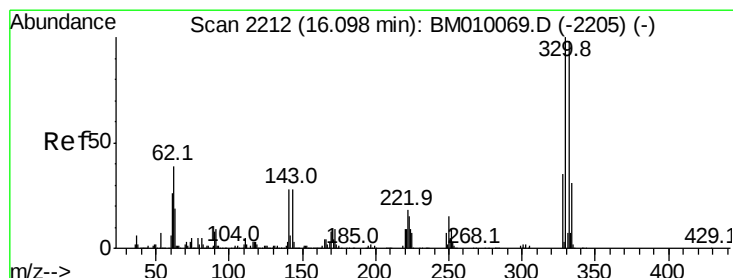
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 161.56 ng

RT: 16.07 min Scan# 2207

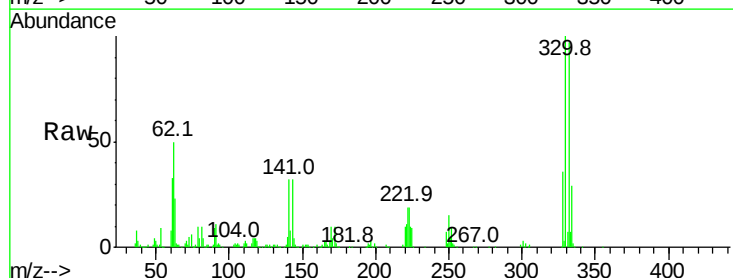
Delta R.T. -0.03 min

Lab File: BM010239.D

Acq: 26 May 2017 04:22

Tgt Ion:330 Resp: 511341

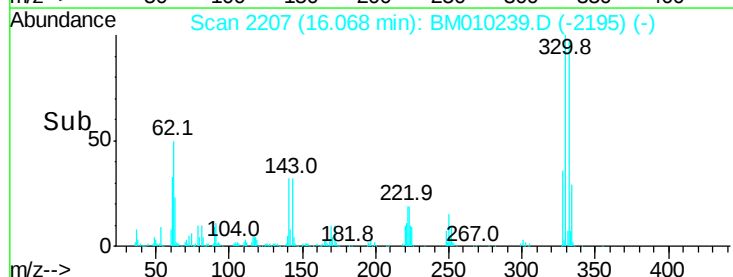
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 96.3  | 0.0   | 0.0#  |
| 141 | 34.3  | 0.0   | 0.0#  |



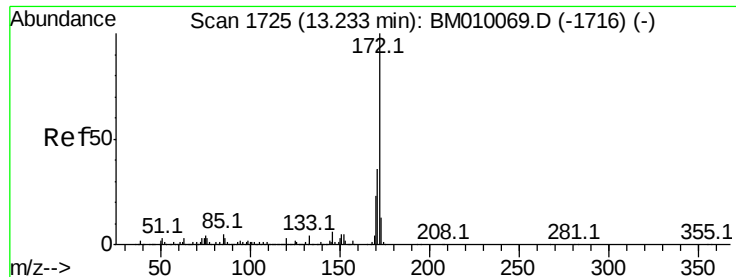
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

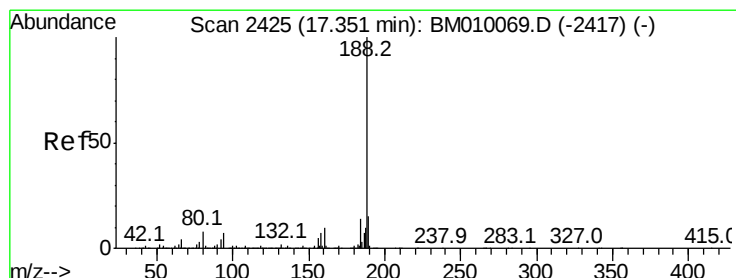
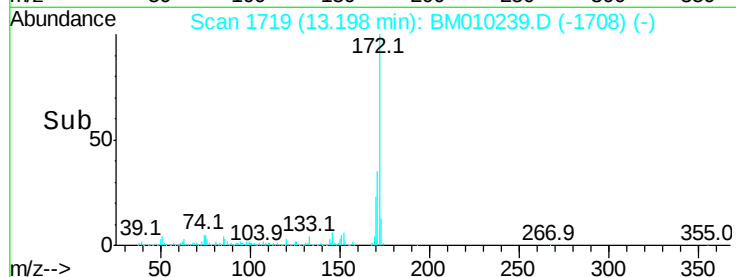
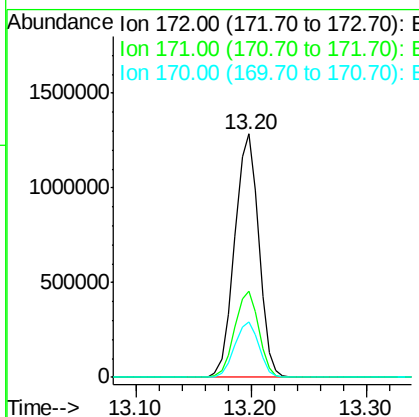
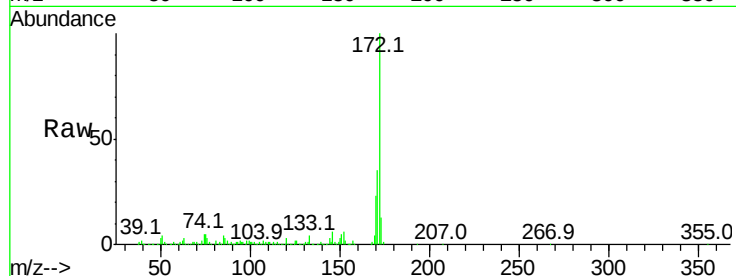


#44  
 2-Fluorobiphenyl  
 Concen: 114.68 ng  
 RT: 13.20 min Scan# 1719  
 Delta R.T. -0.04 min  
 Lab File: BM010239.D  
 Acq: 26 May 2017 04:22

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:172 Resp: 1858982

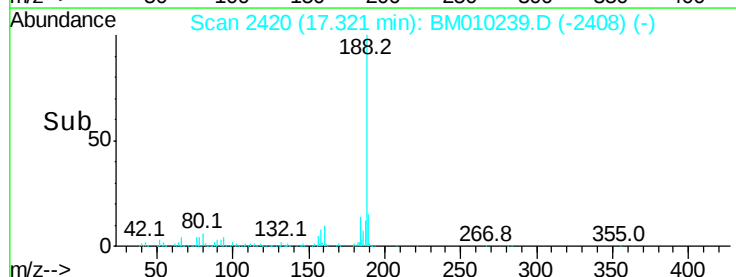
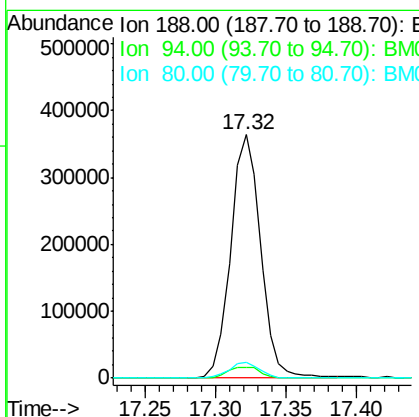
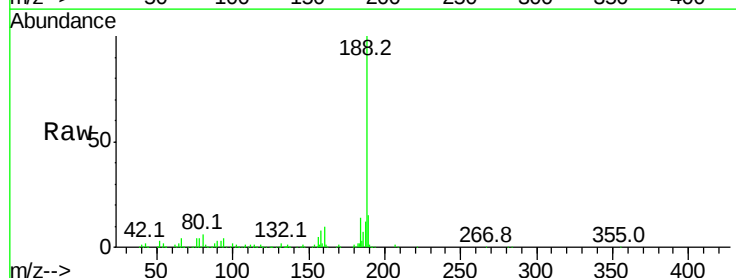
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.4  | 28.5  | 42.7  |
| 170 | 22.9  | 18.8  | 28.2  |

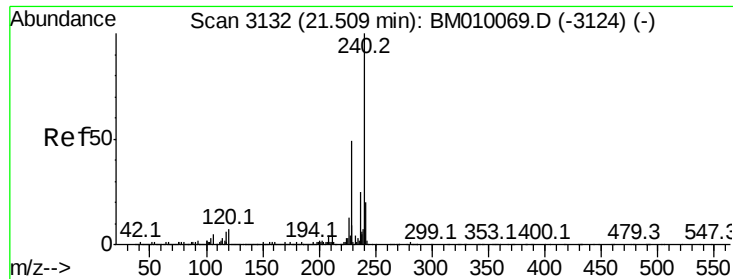


#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 17.32 min Scan# 2420  
 Delta R.T. -0.03 min  
 Lab File: BM010239.D  
 Acq: 26 May 2017 04:22

Tgt Ion:188 Resp: 537610

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 4.5   | 8.7   | 13.1# |
| 80  | 6.4   | 9.3   | 13.9# |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.48 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BM010239.D

Acq: 26 May 2017 04:22

Instrument :

BNA\_M

ClientSampleId :

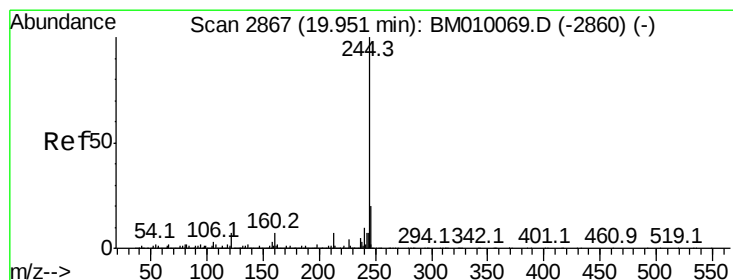
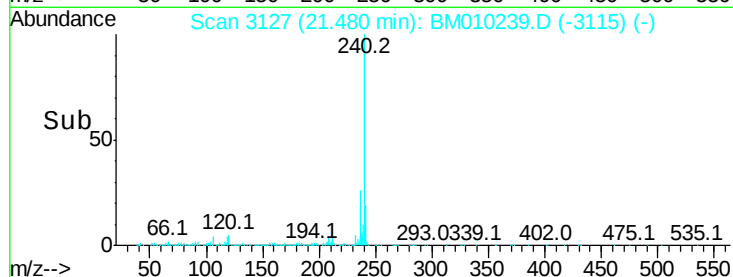
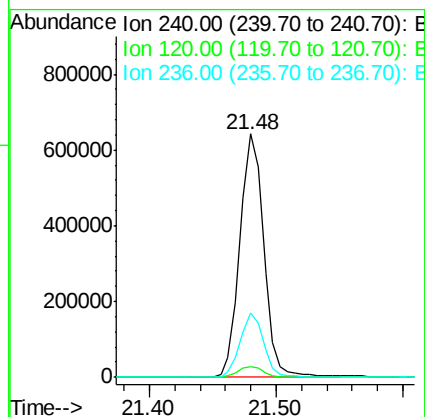
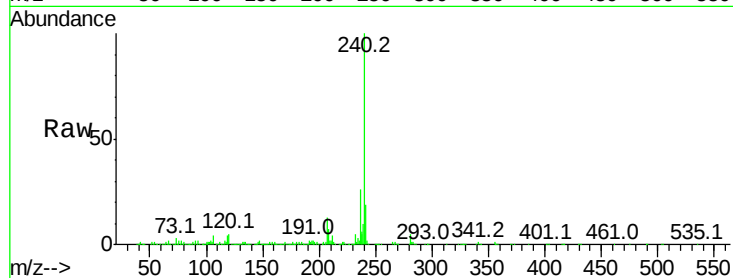
Tot Ion:240 Resp: 839688

Ion Ratio Lower Upper

240 100

120 4.6 8.2 12.2#

236 26.5 20.0 30.0



#78

Terphenyl-d14

Concen: 94.76 ng

RT: 19.92 min Scan# 2862

Delta R.T. -0.03 min

Lab File: BM010239.D

Acq: 26 May 2017 04:22

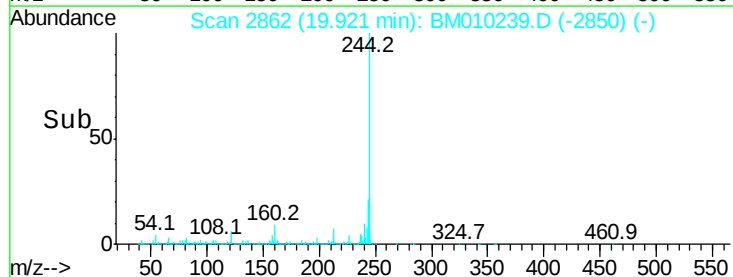
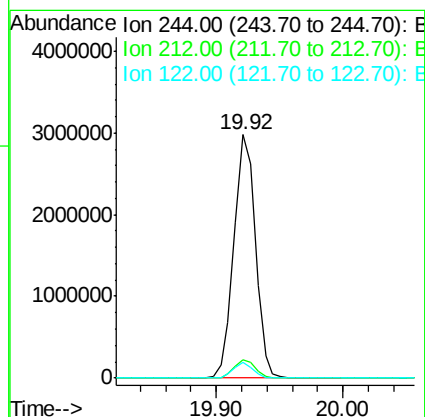
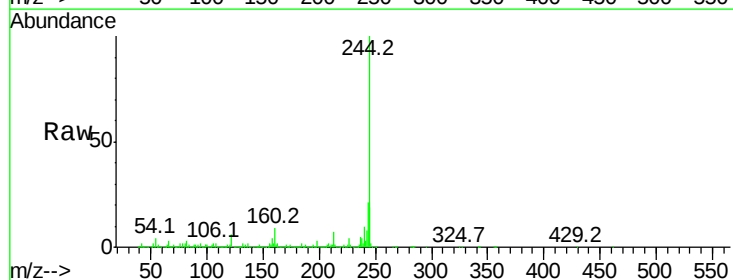
Tgt Ion:244 Resp: 3499471

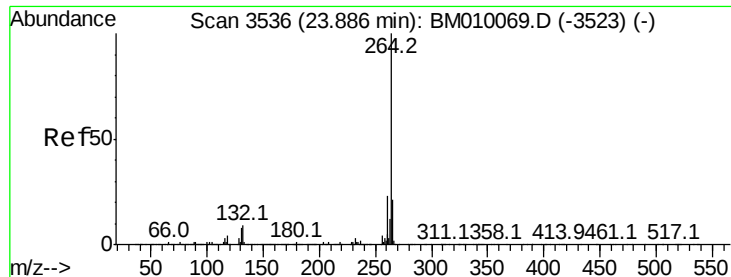
Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

122 6.2 6.2 9.4#





#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 23.84 min Scan# 3528  
Delta R.T. -0.05 min  
Lab File: BM010239.D  
Acq: 26 May 2017 04:22

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 31.2  | 18.6  | 27.8# |
| 265     | 22.5  | 17.3  | 25.9  |

