

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052517\  
 Data File : BM010236.D  
 Acq On : 26 May 2017 02:34  
 Operator : SJ/MA  
 Sample : I3332-16  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: May 26 05:20:03 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

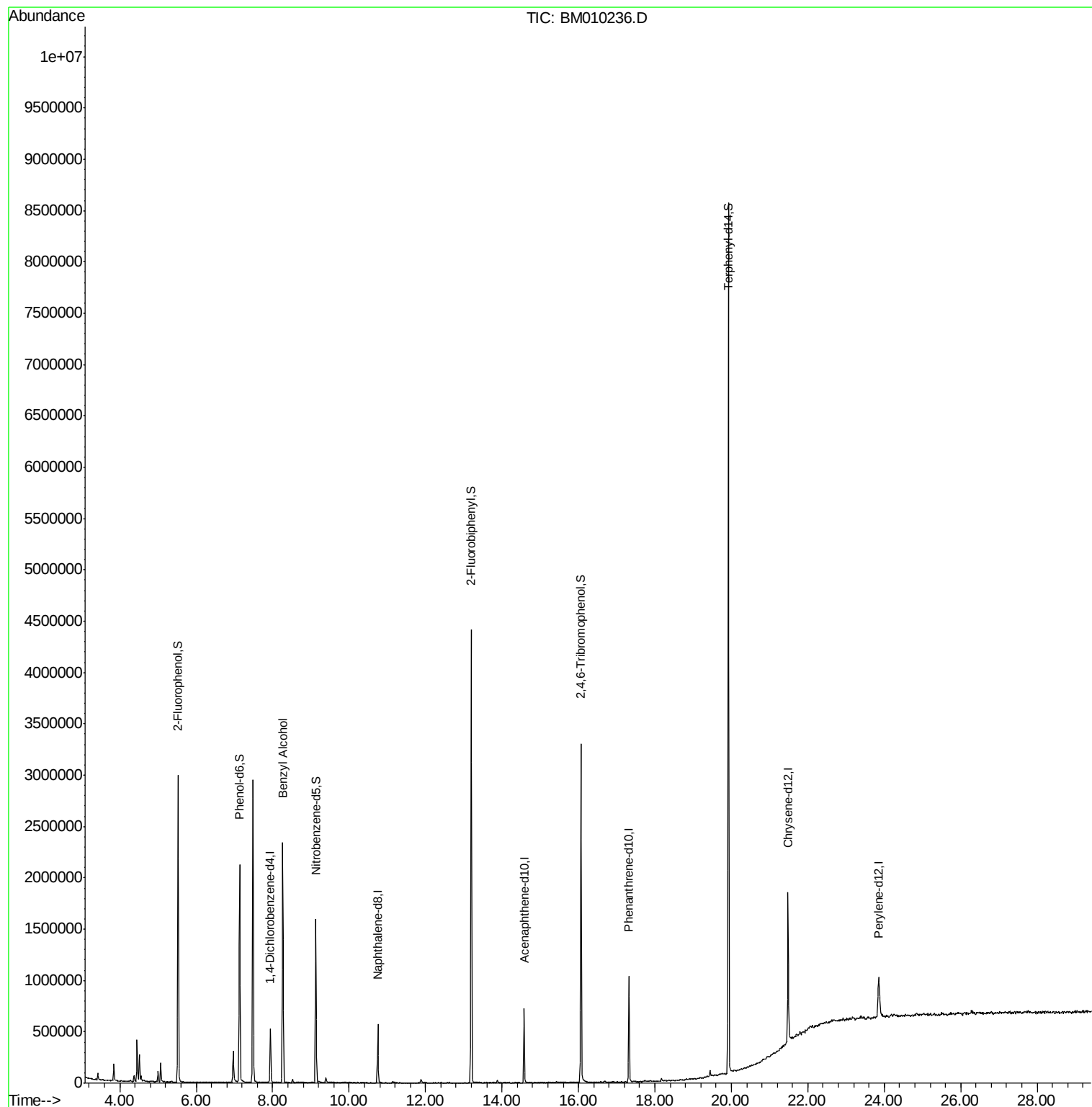
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.94  | 152  | 129448   | 20.00  | ng    | -0.04          |
| 21) Naphthalene-d8          | 10.75 | 136  | 419569   | 20.00  | ng    | -0.04          |
| 38) Acenaphthene-d10        | 14.57 | 164  | 203922   | 20.00  | ng    | -0.04          |
| 63) Phenanthrene-d10        | 17.32 | 188  | 568753   | 20.00  | ng    | -0.03          |
| 75) Chrysene-d12            | 21.48 | 240  | 615111   | 20.00  | ng    | -0.03          |
| 86) Perylene-d12            | 23.84 | 264  | 124785   | 20.00  | ng    | -0.05          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.53  | 112  | 1021645  | 142.52 | ng    | -0.03          |
| 7) Phenol-d6                | 7.13  | 99   | 981812   | 106.44 | ng    | -0.04          |
| 23) Nitrobenzene-d5         | 9.13  | 82   | 895363   | 115.13 | ng    | -0.04          |
| 41) 2,4,6-Tribromophenol    | 16.07 | 330  | 569478   | 183.87 | ng    | -0.03          |
| 44) 2-Fluorobiphenyl        | 13.20 | 172  | 2126209  | 134.04 | ng    | -0.04          |
| 78) Terphenyl-d14           | 19.92 | 244  | 3400355  | 125.70 | ng    | -0.03          |
| Target Compounds            |       |      |          |        |       |                |
| 15) Benzyl Alcohol          | 8.26  | 79   | 19967    | 2.86   | ng    | Qvalue<br># 40 |

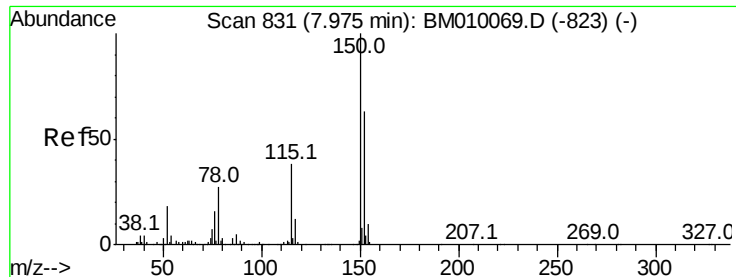
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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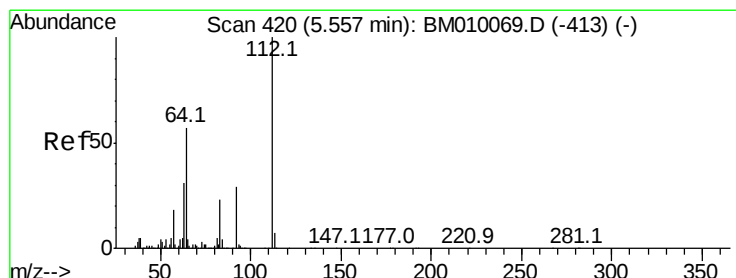
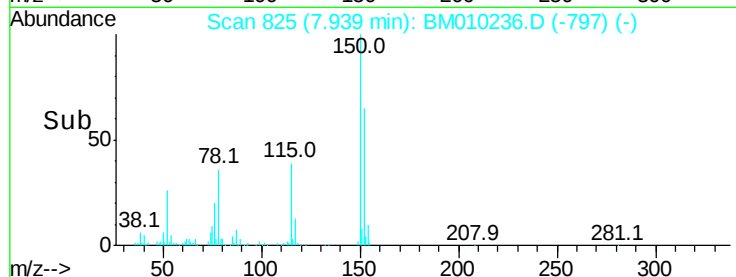
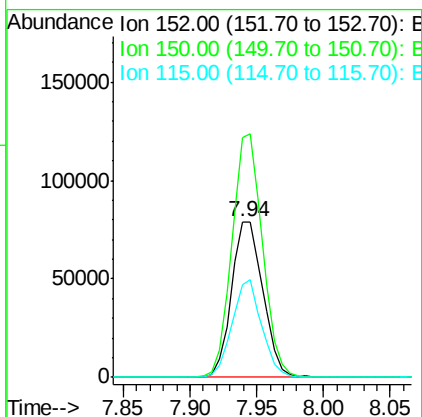
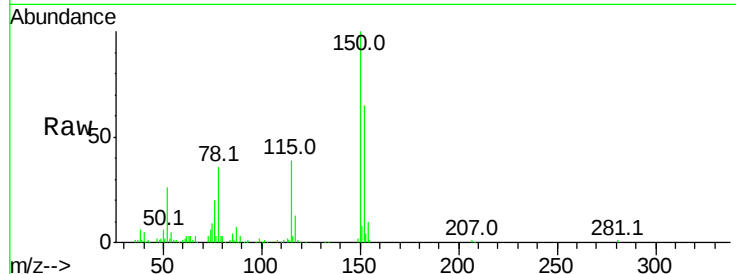


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.94 min Scan# 825  
Delta R.T. -0.04 min  
Lab File: BM010236.D  
Acq: 26 May 2017 02:34

Instrument :  
BNA\_M  
ClientSampleId :

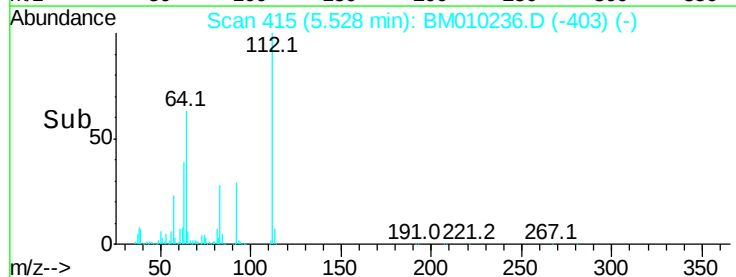
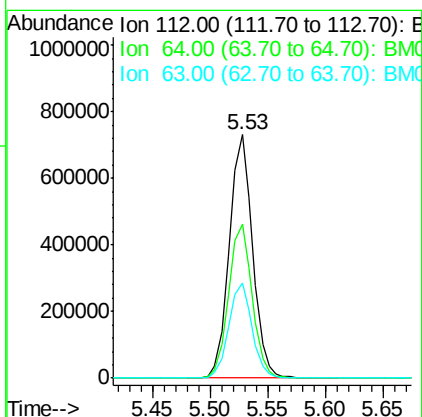
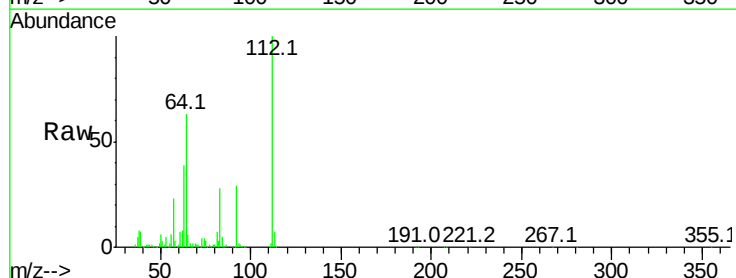
Tot Ion:152 Resp: 129448  
Ion Ratio Lower Upper  
152 100  
150 153.9 119.5 179.3  
115 59.4 43.0 64.4



#5

2-Fluorophenol  
Concen: 142.52 ng  
RT: 5.53 min Scan# 415  
Delta R.T. -0.03 min  
Lab File: BM010236.D  
Acq: 26 May 2017 02:34

Tgt Ion:112 Resp: 1021645  
Ion Ratio Lower Upper  
112 100  
64 63.3 38.6 57.8#  
63 39.3 19.3 28.9#





#7

Phenol-d6

Concen: 106.44 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.04 min

Lab File: BM010236.D

Acq: 26 May 2017 02:34

Instrument :

BNA\_M

ClientSampleId :

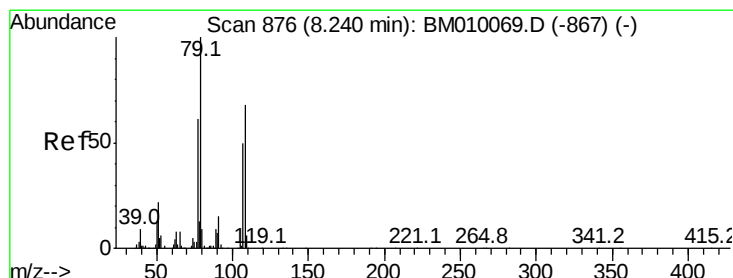
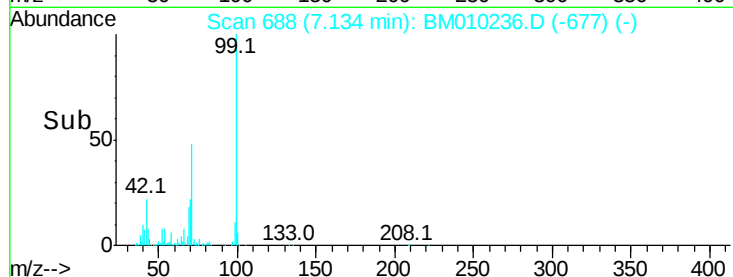
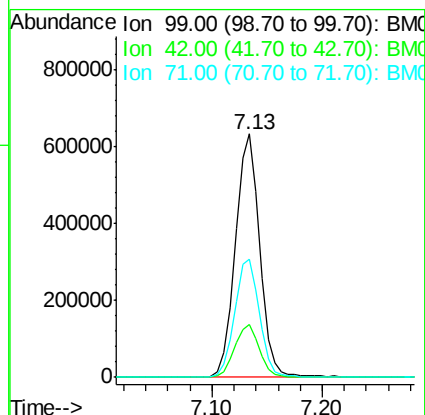
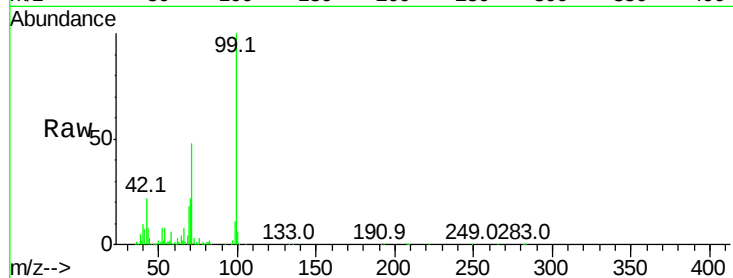
Tot Ion: 99 Resp: 981812

Ion Ratio Lower Upper

99 100

42 21.8 11.0 16.4#

71 48.4 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.86 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.02 min

Lab File: BM010236.D

Acq: 26 May 2017 02:34

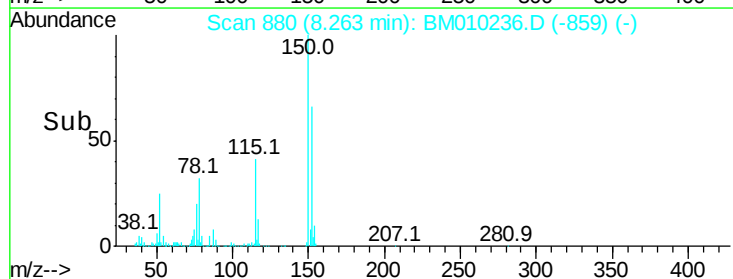
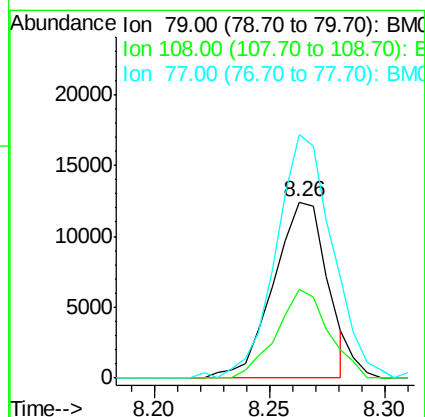
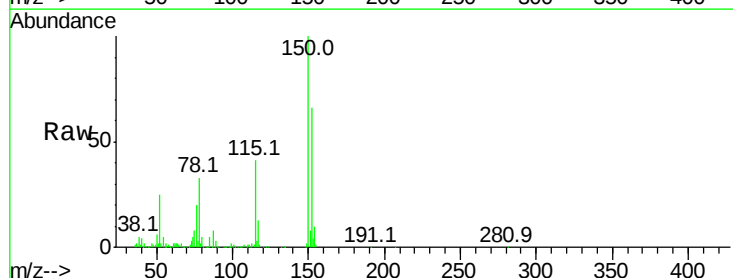
Tgt Ion: 79 Resp: 19967

Ion Ratio Lower Upper

79 100

108 50.3 65.0 97.4#

77 138.1 53.0 79.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.75 min Scan# 1303

Delta R.T. -0.04 min

Lab File: BM010236.D

Acq: 26 May 2017 02:34

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:136 Resp: 419569

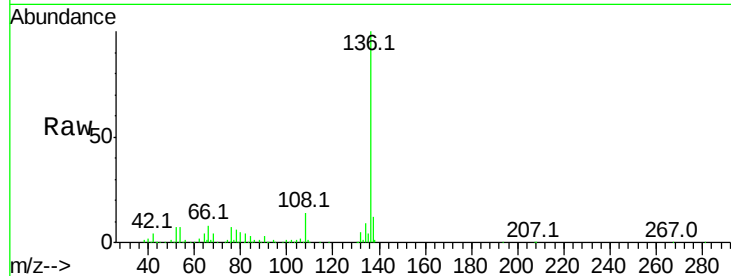
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 7.3 4.6 6.8#

68 4.3 3.7 5.5

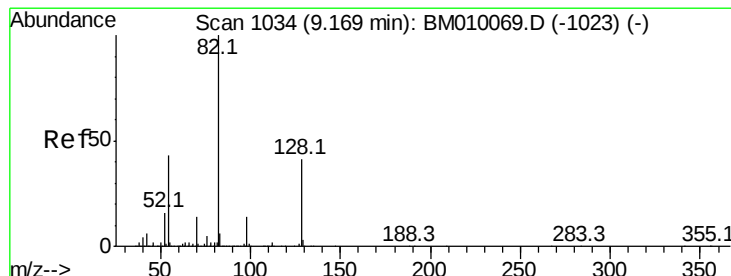
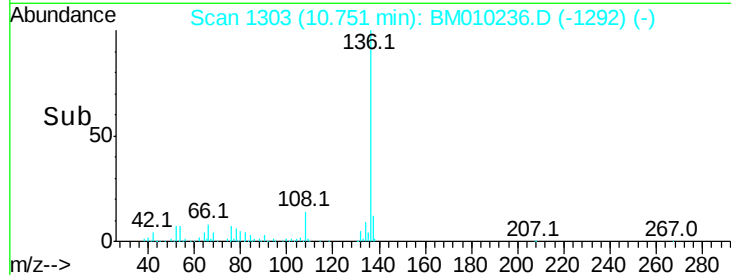
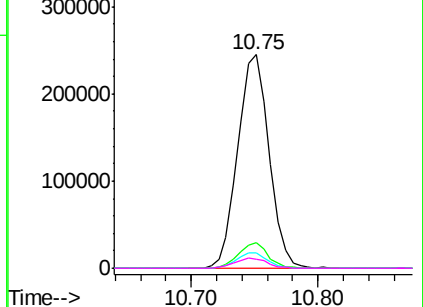


Abundance Ion 136.00 (135.70 to 136.70): E

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: 115.13 ng

RT: 9.13 min Scan# 1027

Delta R.T. -0.04 min

Lab File: BM010236.D

Acq: 26 May 2017 02:34

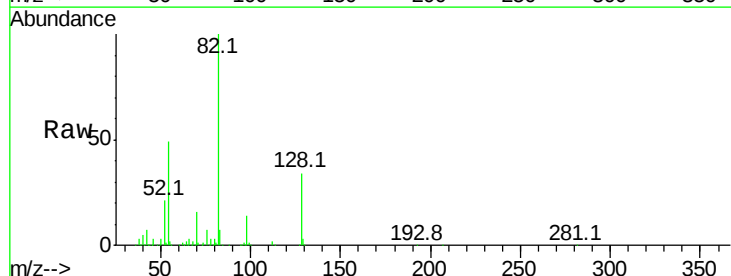
Tgt Ion: 82 Resp: 895363

Ion Ratio Lower Upper

82 100

128 34.3 32.8 49.2

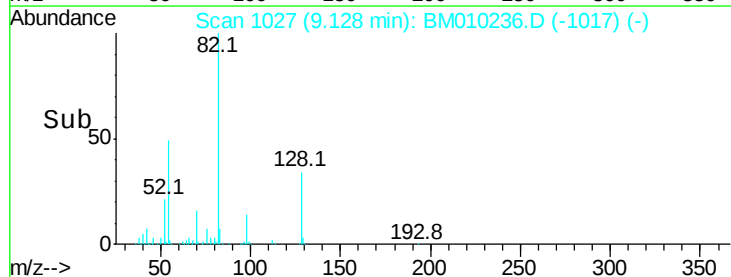
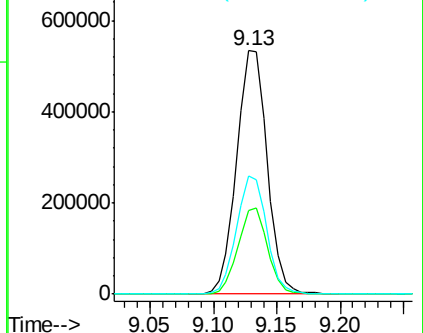
54 48.6 40.6 60.8

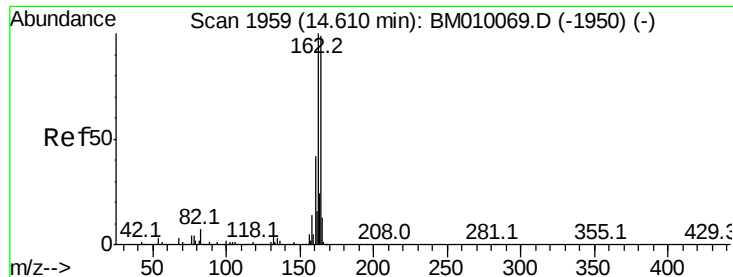


Abundance Ion 82.00 (81.70 to 82.70): BM

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: 14.57 min Scan# 1953

Delta R.T. -0.04 min

Lab File: BM010236.D

Acq: 26 May 2017 02:34

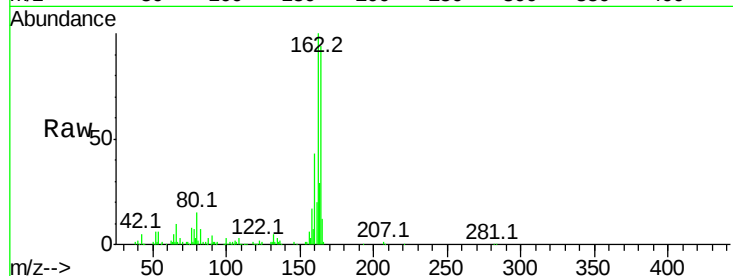
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:164 Resp: 203922

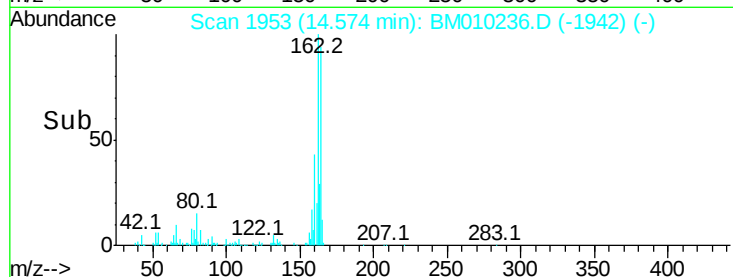
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 106.9 | 82.4  | 123.6 |
| 160 | 46.5  | 35.8  | 53.6  |



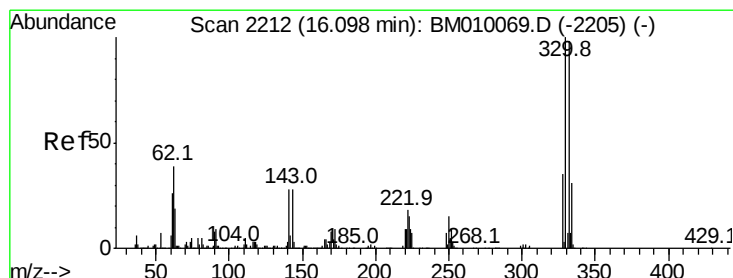
Abundance Ion 164.00 (163.70 to 164.70): E

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: 183.87 ng

RT: 16.07 min Scan# 2207

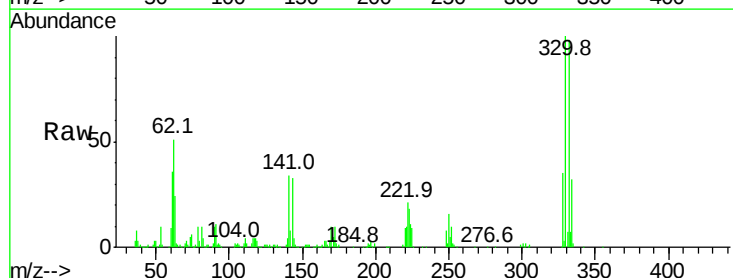
Delta R.T. -0.03 min

Lab File: BM010236.D

Acq: 26 May 2017 02:34

Tgt Ion:330 Resp: 569478

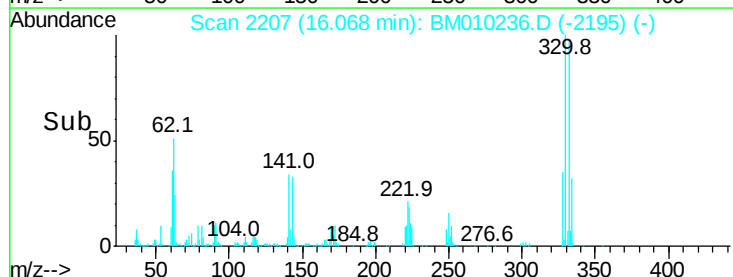
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 96.1  | 0.0   | 0.0#  |
| 141 | 34.1  | 0.0   | 0.0#  |



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



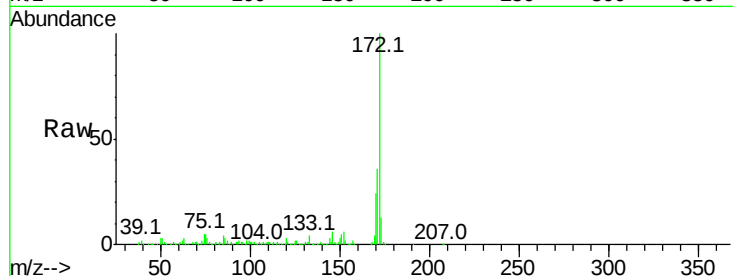
Time-->



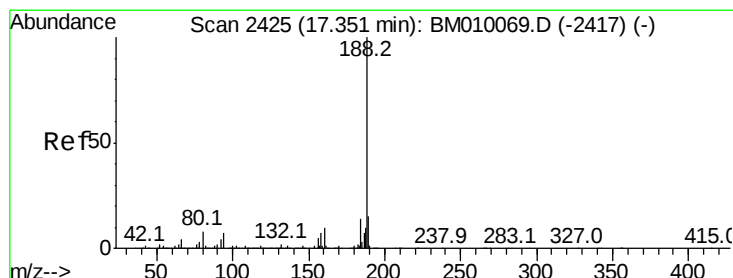
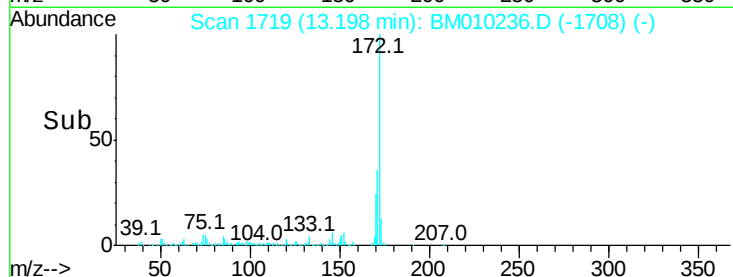
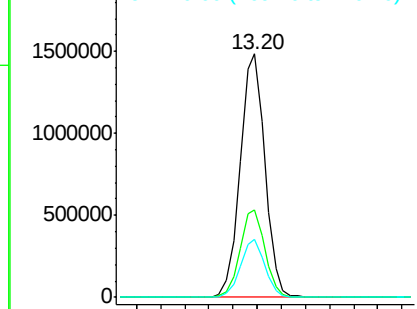
#44  
2-Fluorobiphenyl  
Concen: 134.04 ng  
RT: 13.20 min Scan# 1719  
Delta R.T. -0.04 min  
Lab File: BM010236.D  
Acq: 26 May 2017 02:34

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:172 Resp: 2126209  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.5 42.7  
170 23.6 18.8 28.2

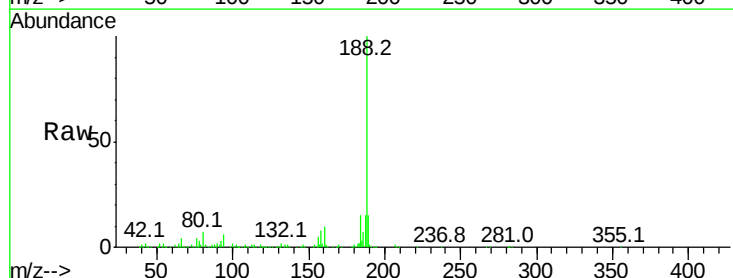


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

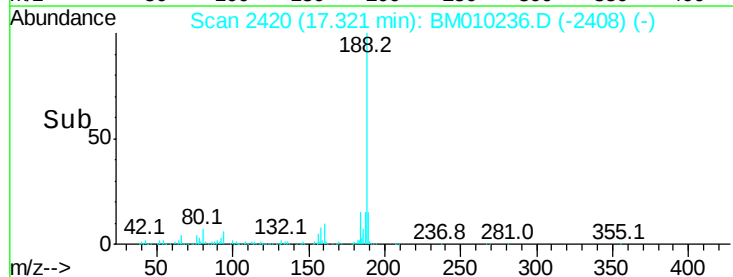
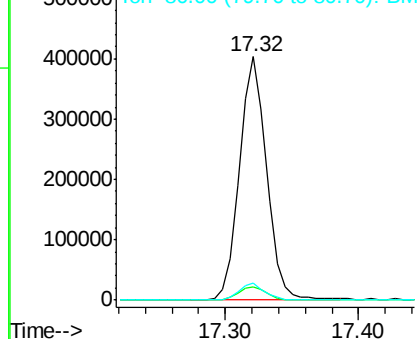


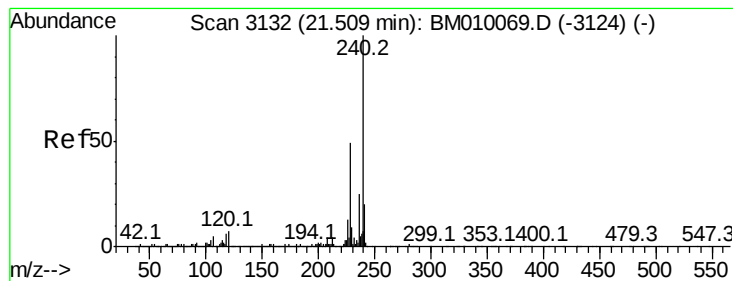
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.32 min Scan# 2420  
Delta R.T. -0.03 min  
Lab File: BM010236.D  
Acq: 26 May 2017 02:34

Tgt Ion:188 Resp: 568753  
Ion Ratio Lower Upper  
188 100  
94 5.6 8.7 13.1#  
80 6.8 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: 21.48 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BM010236.D

Acq: 26 May 2017 02:34

Instrument :

BNA\_M

ClientSampleId :

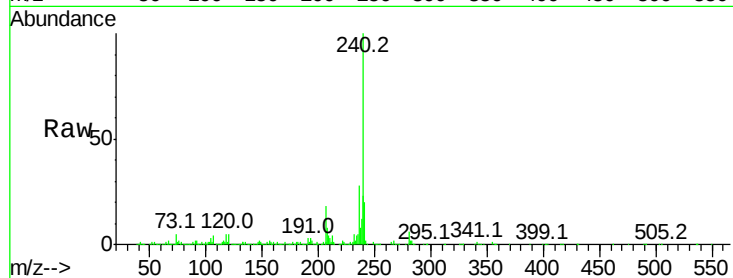
Tot Ion:240 Resp: 615111

Ion Ratio Lower Upper

240 100

120 5.5 8.2 12.2#

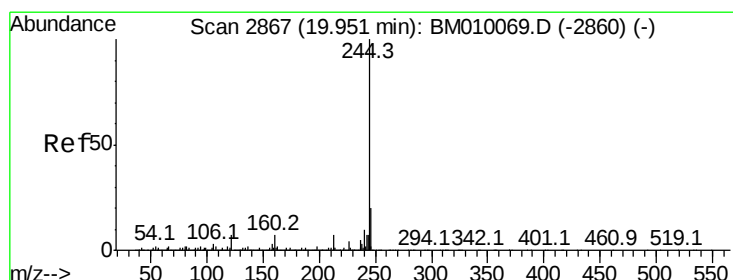
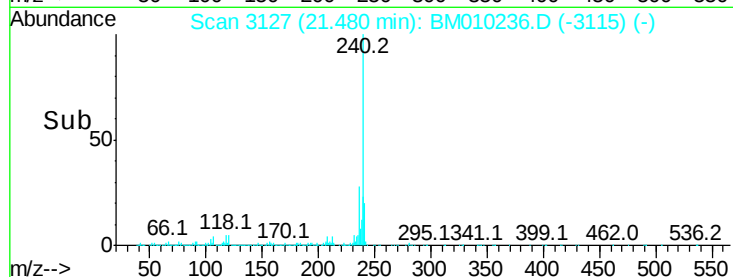
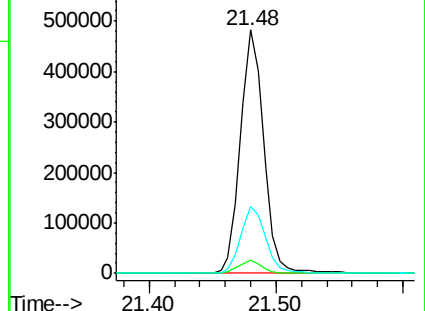
236 27.7 20.0 30.0



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: 125.70 ng

RT: 19.92 min Scan# 2862

Delta R.T. -0.03 min

Lab File: BM010236.D

Acq: 26 May 2017 02:34

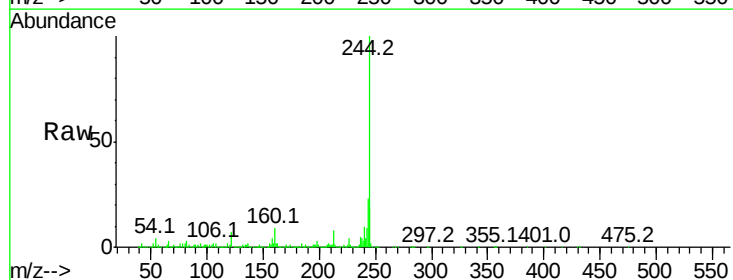
Tgt Ion:244 Resp: 3400355

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

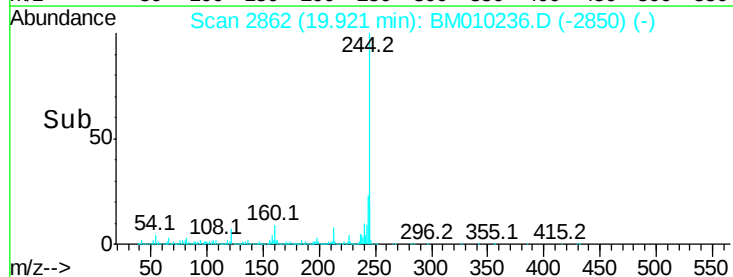
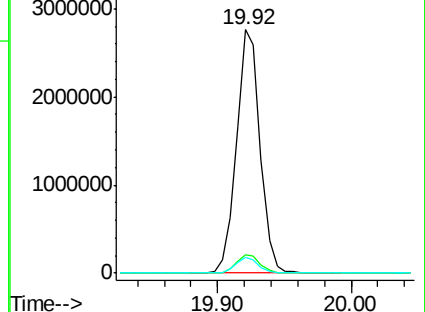
122 6.6 6.2 9.4

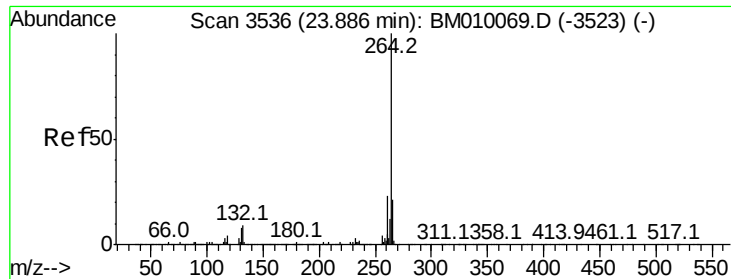


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

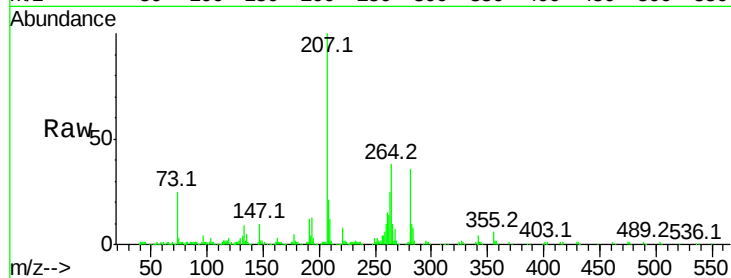




#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 23.84 min Scan# 3528  
 Delta R.T. -0.05 min  
 Lab File: BM010236.D  
 Acq: 26 May 2017 02:34

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 40.1  | 18.6  | 27.8# |
| 265     | 26.9  | 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

