

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052317\  
 Data File : BM010151.D  
 Acq On : 23 May 2017 20:41  
 Operator : SJ/MA  
 Sample : I3282-03  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: May 24 05:25:36 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

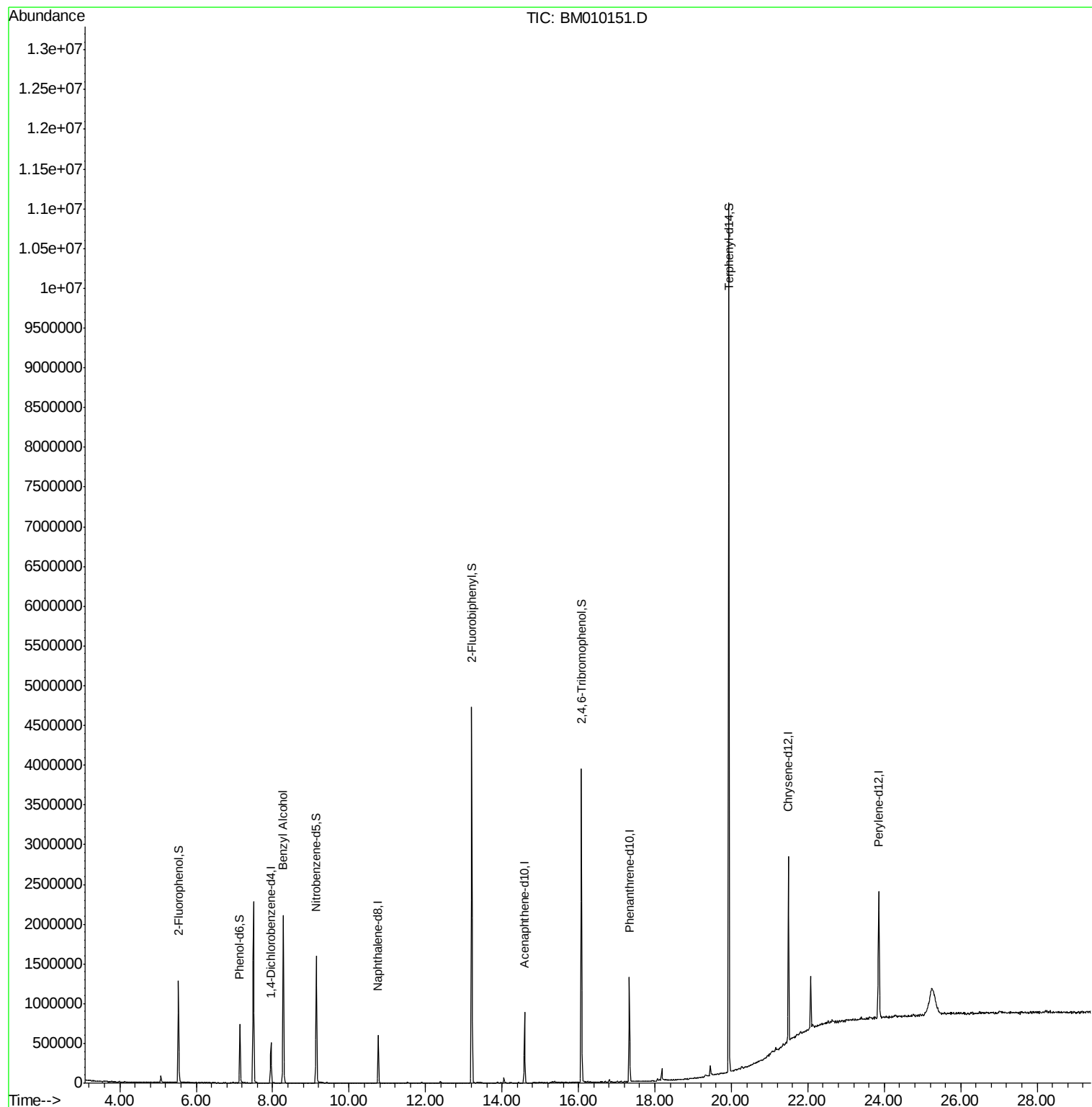
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.95  | 152  | 132094   | 20.00  | ng    | -0.02          |
| 21) Naphthalene-d8          | 10.76 | 136  | 446220   | 20.00  | ng    | -0.02          |
| 38) Acenaphthene-d10        | 14.59 | 164  | 284721   | 20.00  | ng    | -0.02          |
| 63) Phenanthrene-d10        | 17.33 | 188  | 740508   | 20.00  | ng    | -0.02          |
| 75) Chrysene-d12            | 21.49 | 240  | 1140290  | 20.00  | ng    | -0.02          |
| 86) Perylene-d12            | 23.86 | 264  | 1293916  | 20.00  | ng    | -0.03          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.53  | 112  | 474389   | 64.85  | ng    | -0.02          |
| 7) Phenol-d6                | 7.14  | 99   | 357446   | 37.98  | ng    | -0.03          |
| 23) Nitrobenzene-d5         | 9.15  | 82   | 884921   | 106.99 | ng    | -0.02          |
| 41) 2,4,6-Tribromophenol    | 16.08 | 330  | 692689   | 160.18 | ng    | -0.02          |
| 44) 2-Fluorobiphenyl        | 13.21 | 172  | 2312965  | 104.43 | ng    | -0.02          |
| 78) Terphenyl-d14           | 19.93 | 244  | 4441628  | 88.57  | ng    | -0.02          |
| Target Compounds            |       |      |          |        |       |                |
| 15) Benzyl Alcohol          | 8.27  | 79   | 17718    | 2.49   | ng    | Qvalue<br># 52 |

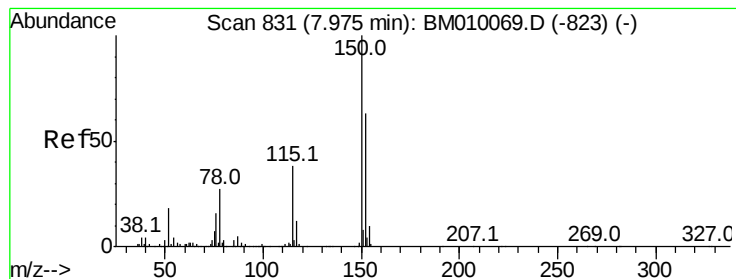
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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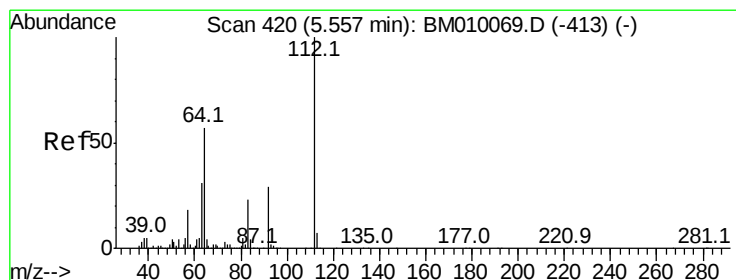
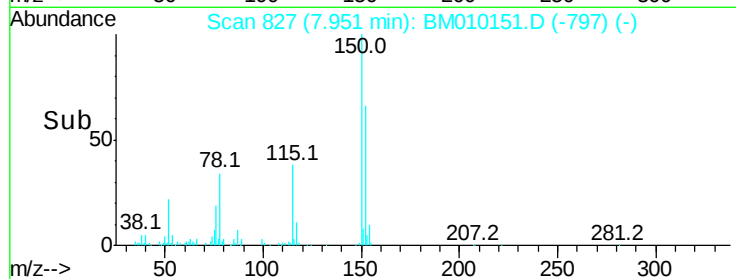
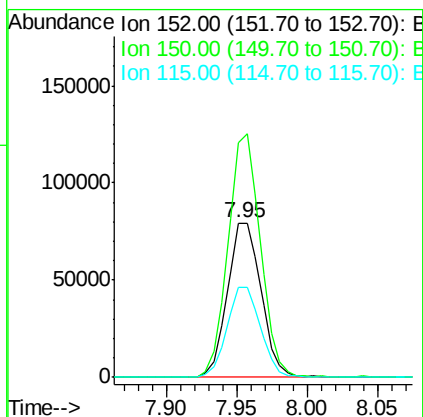
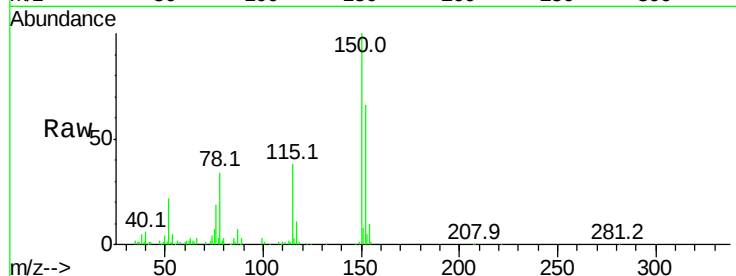




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.95 min Scan# 827  
 Delta R.T. -0.02 min  
 Lab File: BM010151.D  
 Acq: 23 May 2017 20:41

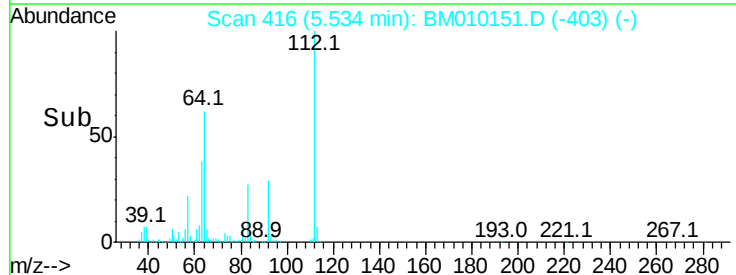
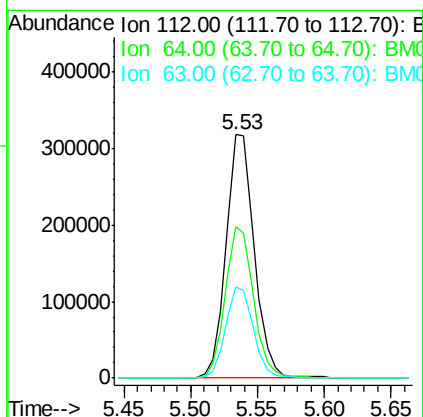
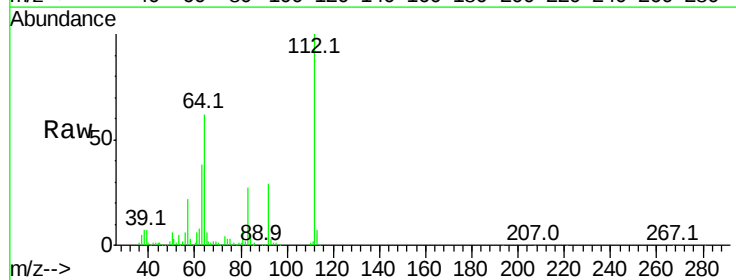
Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 151.9 | 119.5 | 179.3 |
| 115     | 58.2  | 43.0  | 64.4  |



#5  
 2-Fluorophenol  
 Concen: 64.85 ng  
 RT: 5.53 min Scan# 416  
 Delta R.T. -0.02 min  
 Lab File: BM010151.D  
 Acq: 23 May 2017 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 62.4  | 38.6  | 57.8# |
| 63      | 37.6  | 19.3  | 28.9# |





#7

Phenol-d6

Concen: 37.98 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010151.D

Acq: 23 May 2017 20:41

Instrument :

BNA\_M

ClientSampleId :

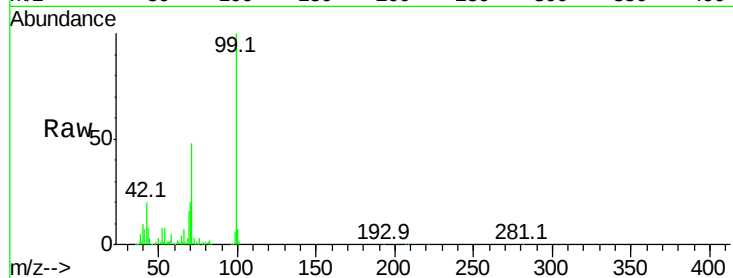
Tot Ion: 99 Resp: 357446

Ion Ratio Lower Upper

99 100

42 20.2 11.0 16.4#

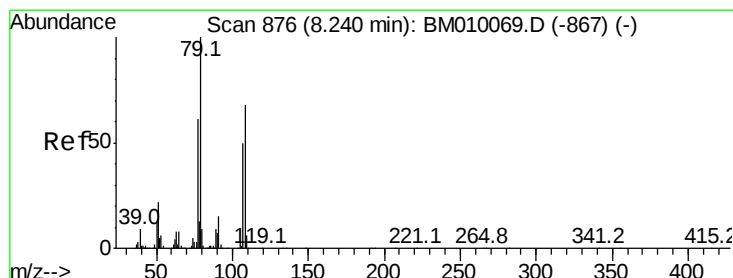
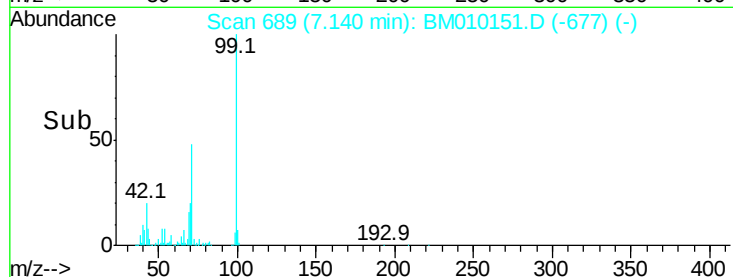
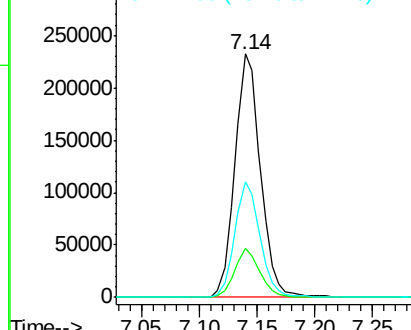
71 47.7 23.4 35.2#



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: 2.49 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.04 min

Lab File: BM010151.D

Acq: 23 May 2017 20:41

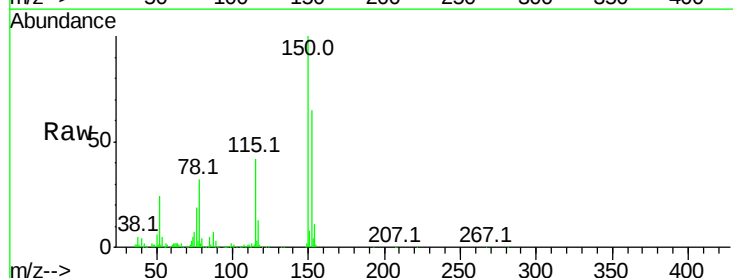
Tgt Ion: 79 Resp: 17718

Ion Ratio Lower Upper

79 100

108 41.2 65.0 97.4#

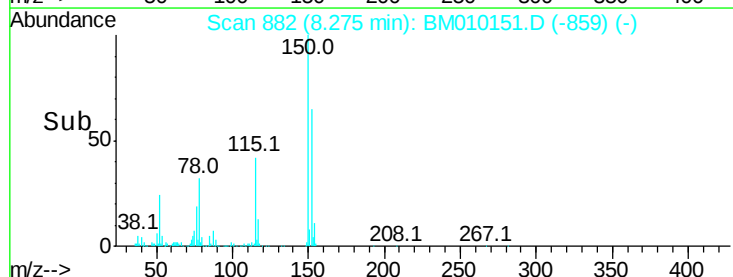
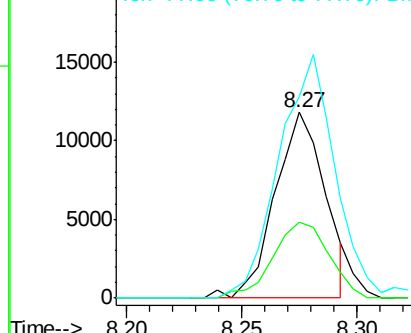
77 108.3 53.0 79.6#

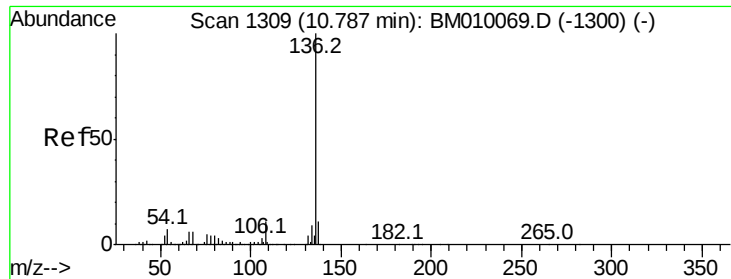


Abundance Ion 79.00 (78.70 to 79.70): BM010069.D (-867) (-)

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

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

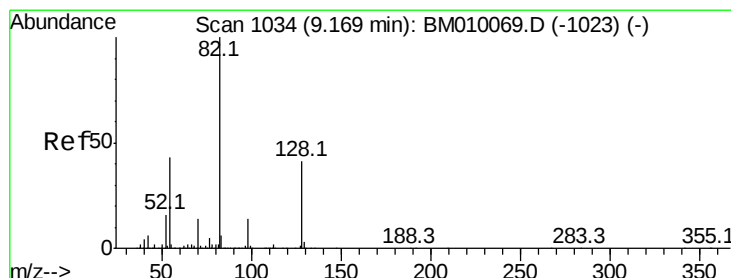
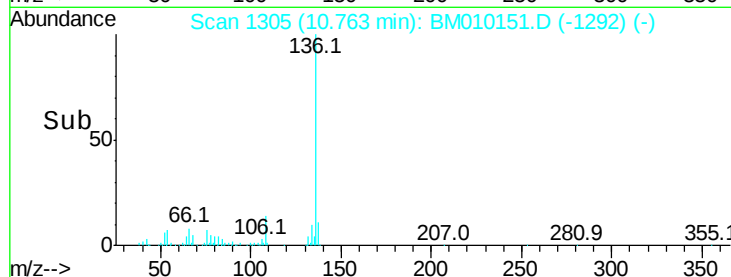
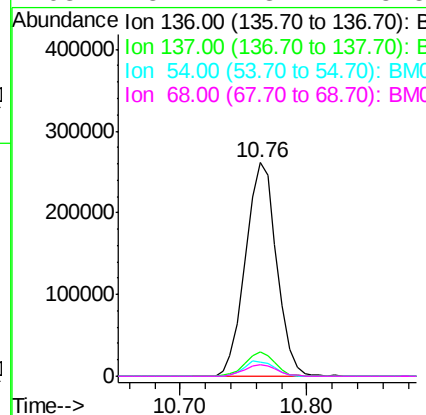
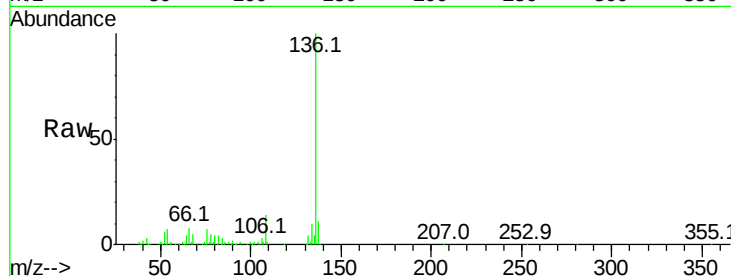




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.76 min Scan# 1305  
Delta R.T. -0.02 min  
Lab File: BM010151.D  
Acq: 23 May 2017 20:41

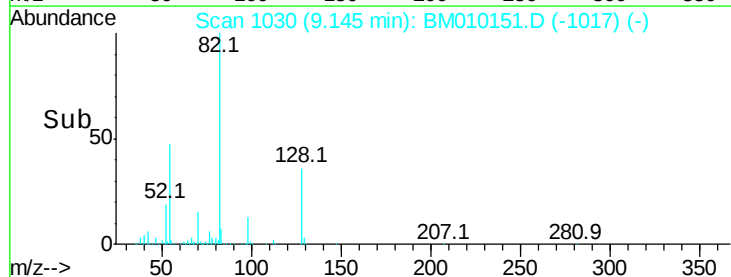
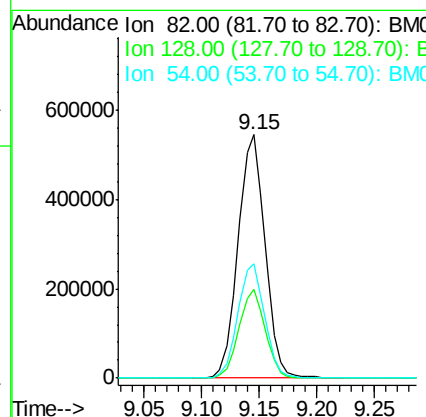
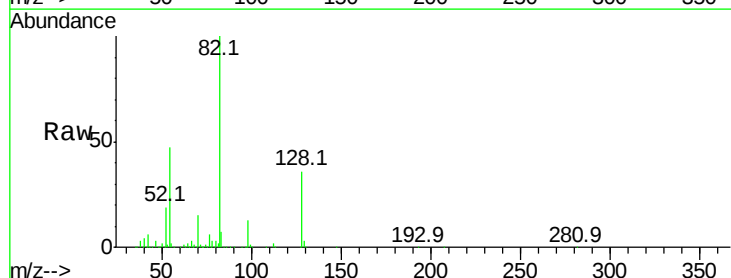
Instrument :  
BNA\_M  
ClientSampleId :

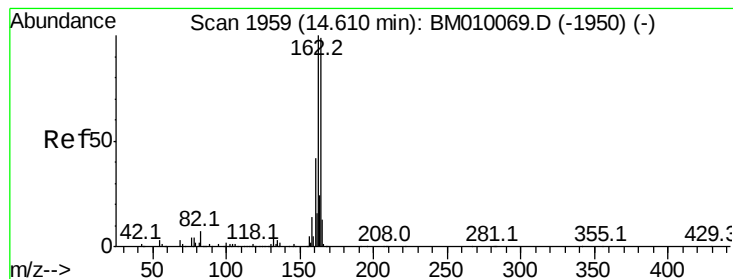
|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 446220 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 11.2    | 8.7   | 13.1   |
| 54 6.8      | 4.6   | 6.8    |
| 68 5.2      | 3.7   | 5.5    |



#23  
Nitrobenzene-d5  
Concen: 106.99 ng  
RT: 9.15 min Scan# 1030  
Delta R.T. -0.02 min  
Lab File: BM010151.D  
Acq: 23 May 2017 20:41

|             |              |
|-------------|--------------|
| Tgt Ion: 82 | Resp: 884921 |
| Ion Ratio   | Lower Upper  |
| 82 100      |              |
| 128 36.3    | 32.8 49.2    |
| 54 47.0     | 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: BM010151.D

Acq: 23 May 2017 20:41

Instrument :

BNA\_M

ClientSampleId :

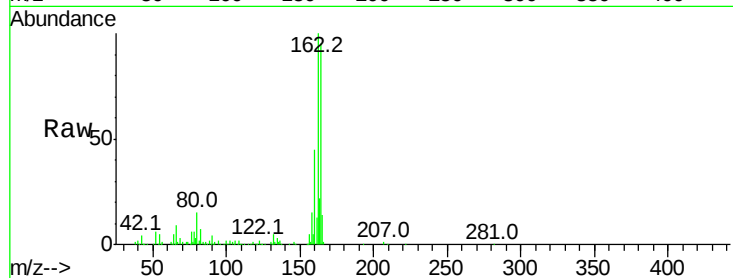
Tot Ion:164 Resp: 284721

Ion Ratio Lower Upper

164 100

162 105.1 82.4 123.6

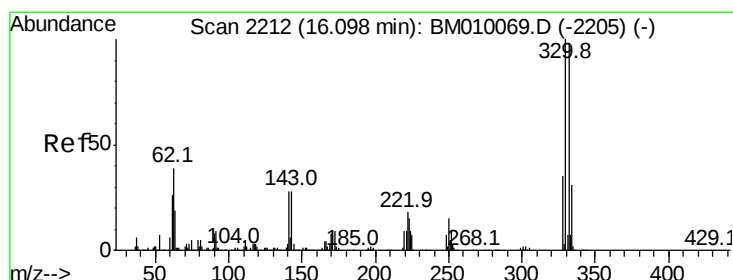
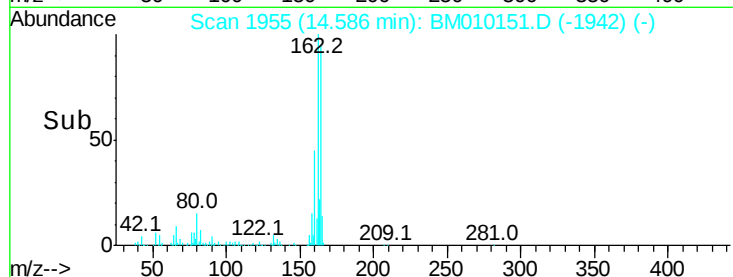
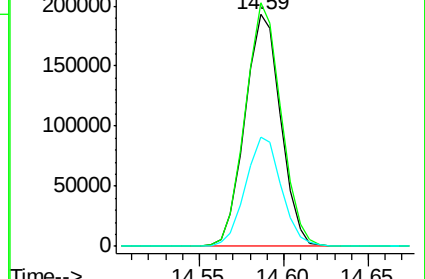
160 47.2 35.8 53.6



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: 160.18 ng

RT: 16.08 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BM010151.D

Acq: 23 May 2017 20:41

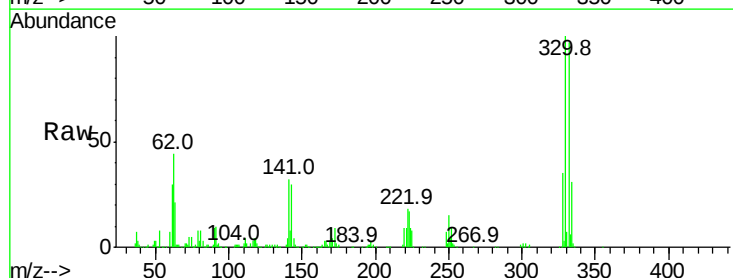
Tgt Ion:330 Resp: 692689

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

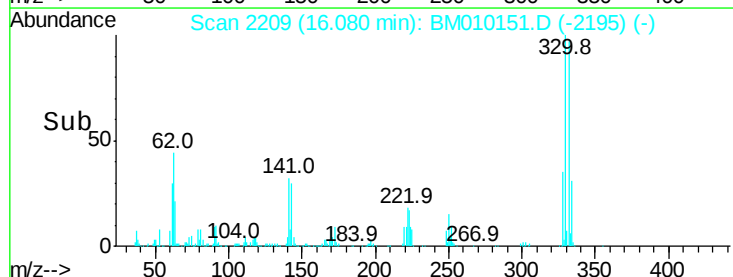
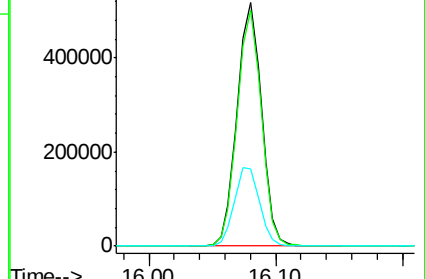
141 33.2 0.0 0.0#

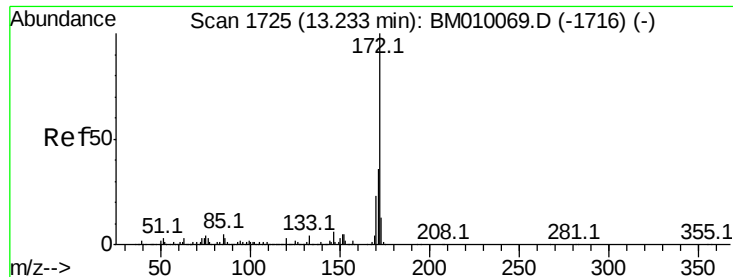


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

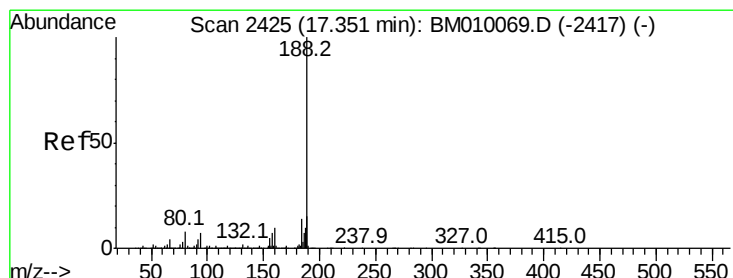
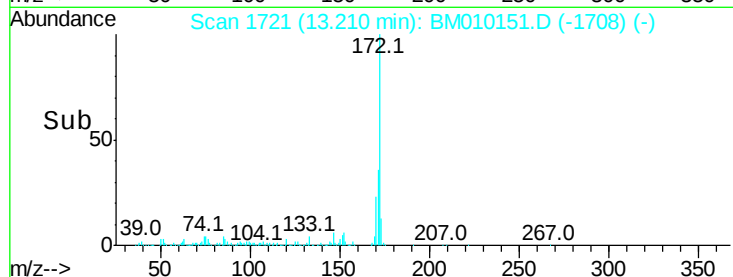
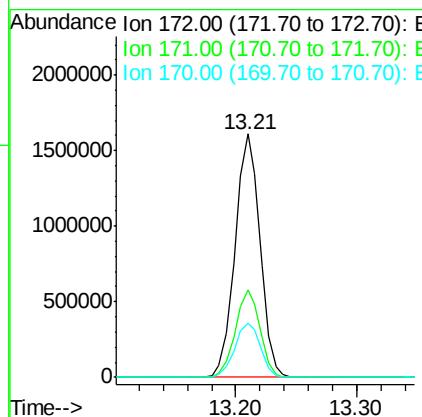
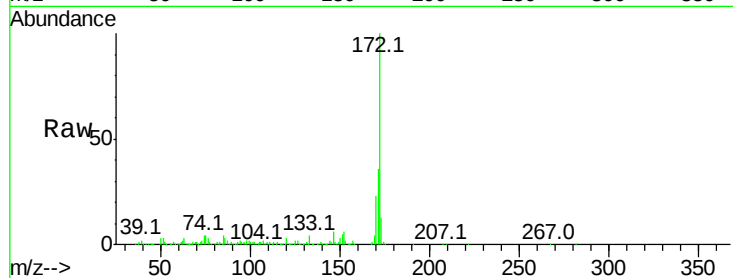




#44  
 2-Fluorobiphenyl  
 Concen: 104.43 ng  
 RT: 13.21 min Scan# 1721  
 Delta R.T. -0.02 min  
 Lab File: BM010151.D  
 Acq: 23 May 2017 20:41

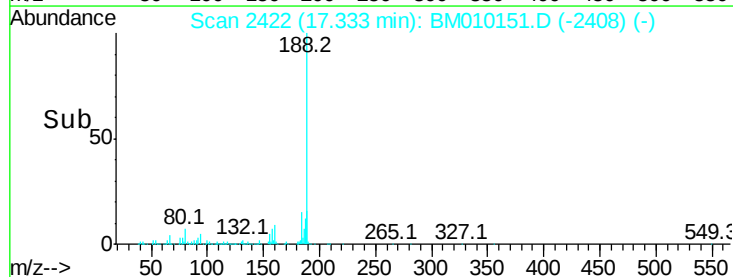
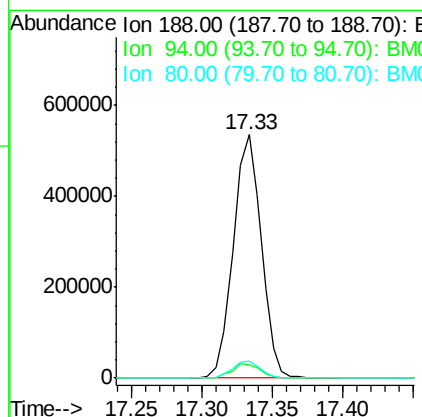
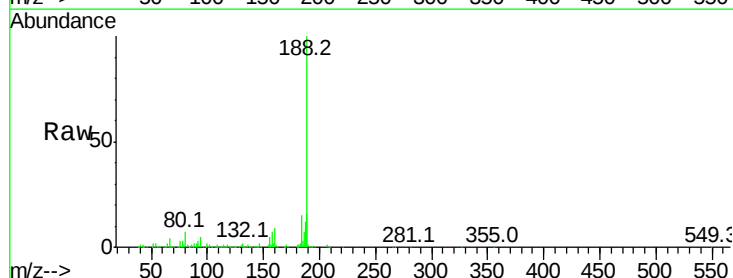
Instrument :  
 BNA\_M  
 ClientSampleId :

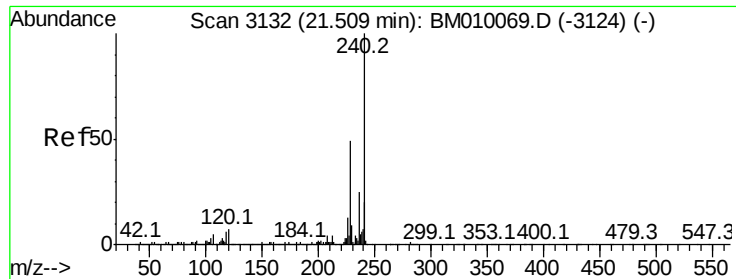
Tot Ion:172 Resp: 2312965  
 Ion Ratio Lower Upper  
 172 100  
 171 35.9 28.5 42.7  
 170 22.5 18.8 28.2



#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 17.33 min Scan# 2422  
 Delta R.T. -0.02 min  
 Lab File: BM010151.D  
 Acq: 23 May 2017 20:41

Tgt Ion:188 Resp: 740508  
 Ion Ratio Lower Upper  
 188 100  
 94 5.3 8.7 13.1#  
 80 6.9 9.3 13.9#

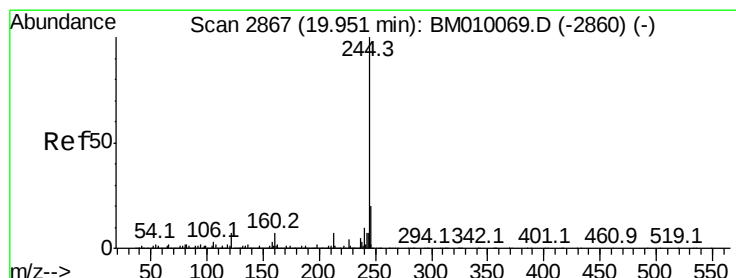
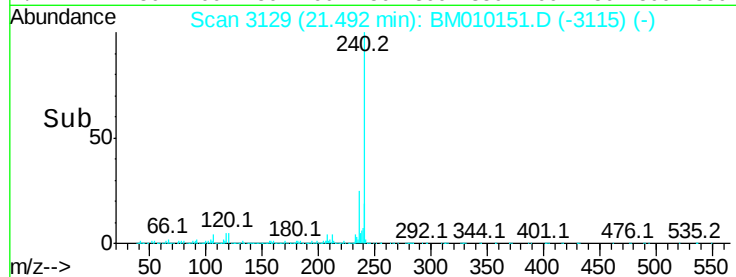
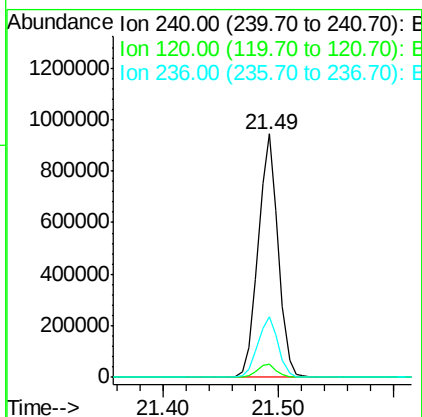
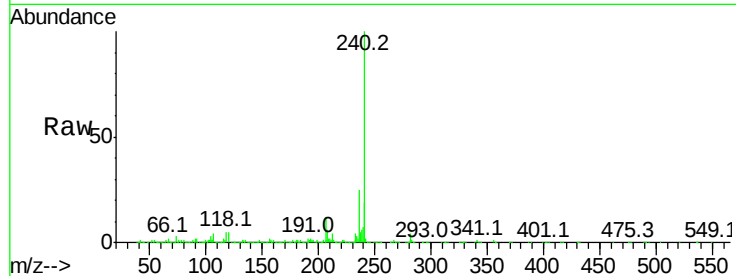




#75  
 Chrvsene-d12  
 Concen: 20.00 ng  
 RT: 21.49 min Scan# 3129  
 Delta R.T. -0.02 min  
 Lab File: BM010151.D  
 Acq: 23 May 2017 20:41

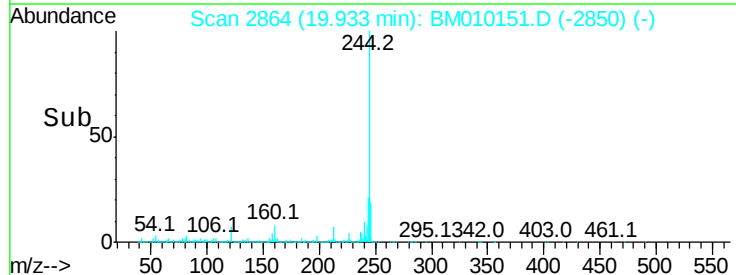
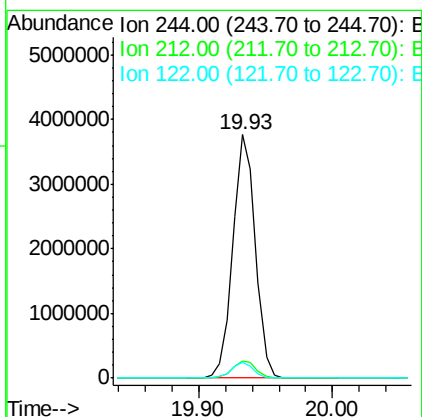
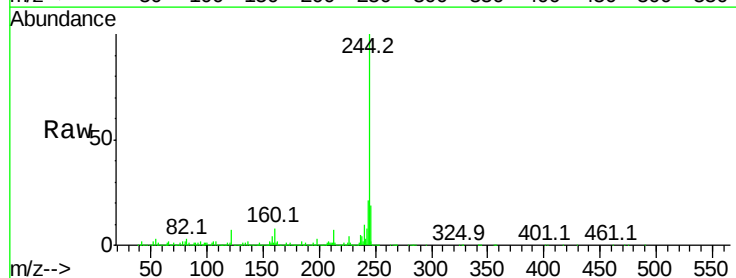
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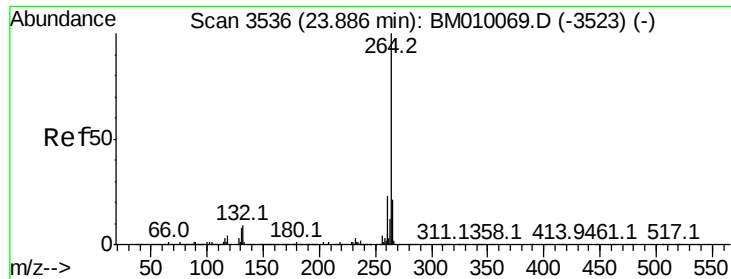
Tot Ion:240 Resp: 1140290  
 Ion Ratio Lower Upper  
 240 100  
 120 5.4 8.2 12.2#  
 236 24.9 20.0 30.0



#78  
 Terphenyl-d14  
 Concen: 88.57 ng  
 RT: 19.93 min Scan# 2864  
 Delta R.T. -0.02 min  
 Lab File: BM010151.D  
 Acq: 23 May 2017 20:41

Tgt Ion:244 Resp: 4441628  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 4.9 7.3  
 122 6.7 6.2 9.4





#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 23.86 min Scan# 3531  
 Delta R.T. -0.03 min  
 Lab File: BM010151.D  
 Acq: 23 May 2017 20:41

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:264 Resp: 1293916  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.6  | 18.6  | 27.8  |
| 265 | 22.3  | 17.3  | 25.9  |

