

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052517\  
 Data File : BM010243.D  
 Acq On : 26 May 2017 06:46  
 Operator : SJ/MA  
 Sample : I3331-17  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: May 26 07:42:02 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 26 07:20:25 2017  
 Response via : Initial Calibration

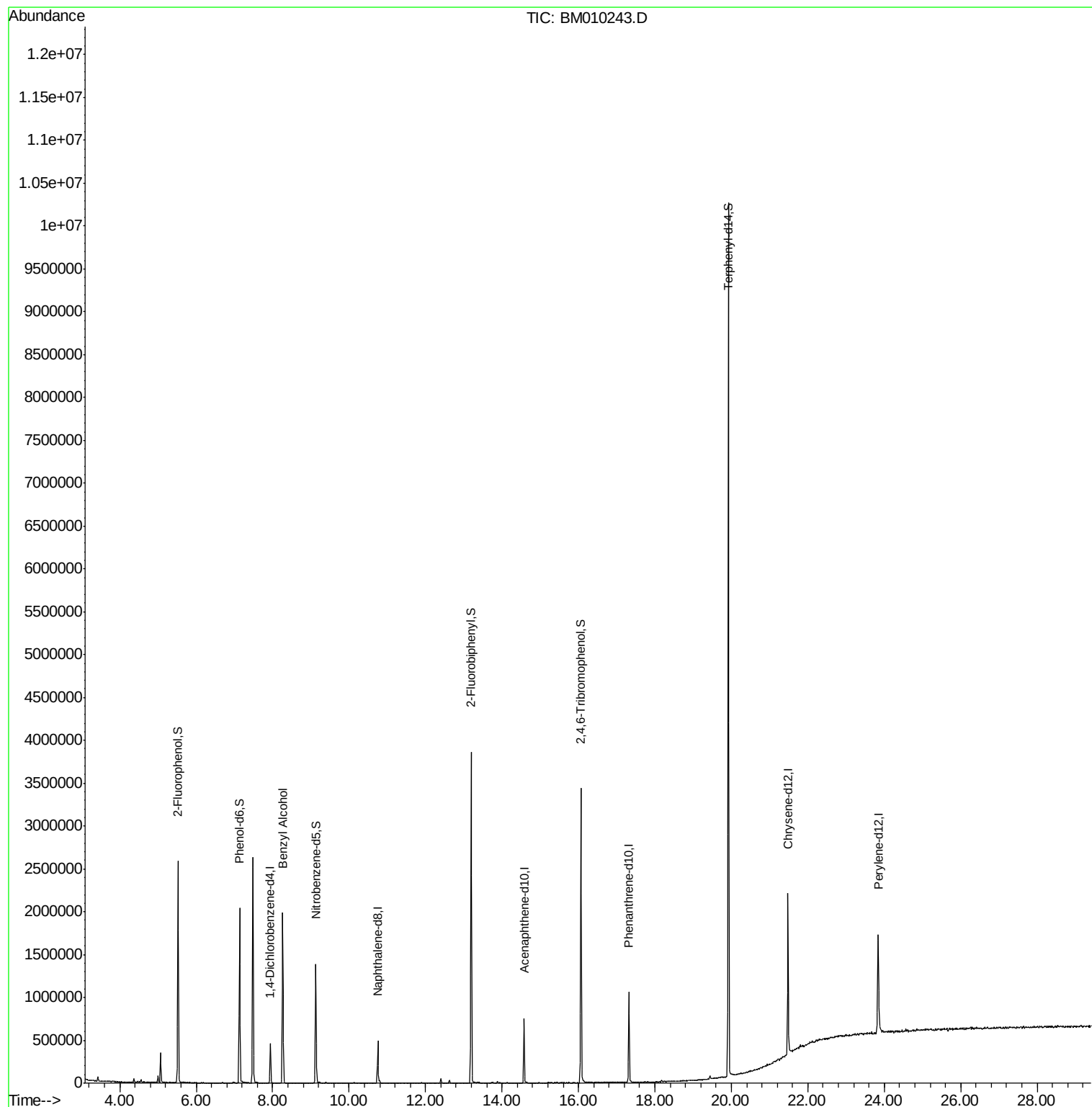
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.94  | 152  | 111966   | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 10.75 | 136  | 365599   | 20.00  | ng    | 0.00           |
| 38) Acenaphthene-d10        | 14.57 | 164  | 229596   | 20.00  | ng    | 0.00           |
| 63) Phenanthrene-d10        | 17.32 | 188  | 611898   | 20.00  | ng    | 0.00           |
| 75) Chrysene-d12            | 21.48 | 240  | 936104   | 20.00  | ng    | 0.00           |
| 86) Perylene-d12            | 23.84 | 264  | 929296   | 20.00  | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.53  | 112  | 897239   | 144.71 | ng    | 0.00           |
| 7) Phenol-d6                | 7.13  | 99   | 982459   | 123.14 | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 9.13  | 82   | 774734   | 114.33 | ng    | 0.00           |
| 41) 2,4,6-Tribromophenol    | 16.07 | 330  | 582676   | 167.10 | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 13.20 | 172  | 1902218  | 106.51 | ng    | 0.00           |
| 78) Terphenyl-d14           | 19.92 | 244  | 4130186  | 100.32 | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 15) Benzyl Alcohol          | 8.26  | 79   | 16597    | 2.75   | ng    | Qvalue<br># 45 |

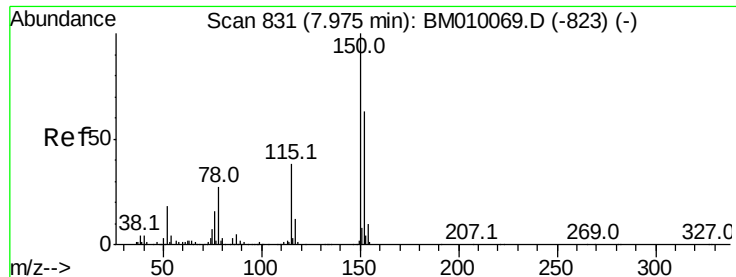
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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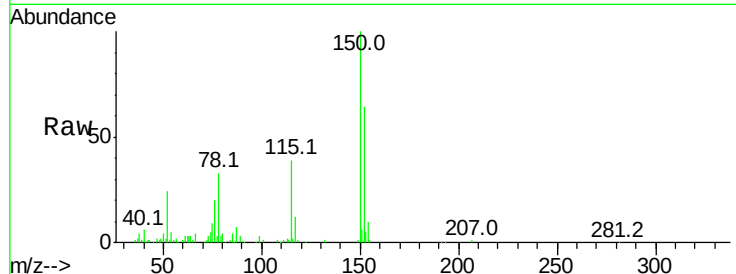


#1

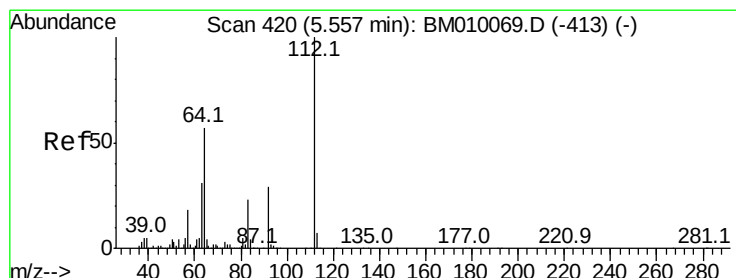
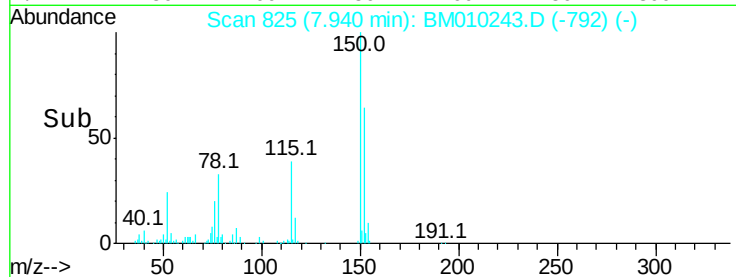
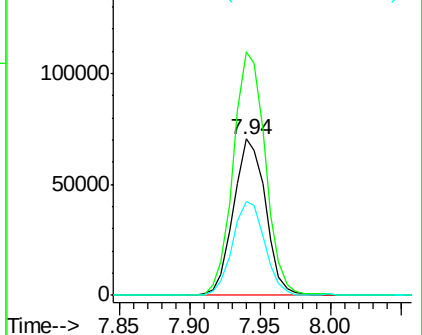
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.94 min Scan# 825  
Delta R.T. -0.01 min  
Lab File: BM010243.D  
Acq: 26 May 2017 06:46

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:152 Resp: 111966  
Ion Ratio Lower Upper  
152 100  
150 156.0 119.5 179.3  
115 60.2 43.0 64.4



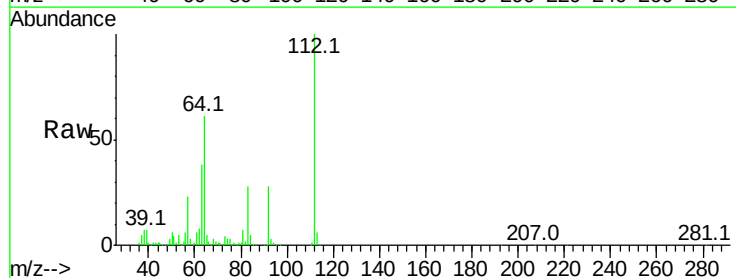
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



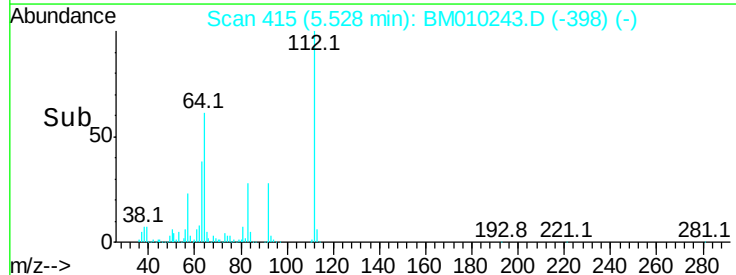
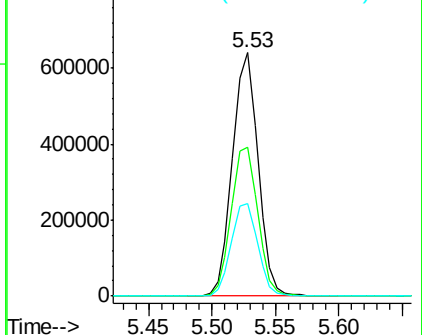
#5

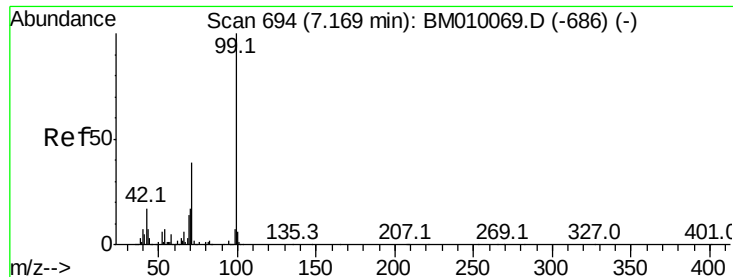
2-Fluorophenol  
Concen: 144.71 ng  
RT: 5.53 min Scan# 415  
Delta R.T. 0.00 min  
Lab File: BM010243.D  
Acq: 26 May 2017 06:46

Tgt Ion:112 Resp: 897239  
Ion Ratio Lower Upper  
112 100  
64 61.3 38.6 57.8#  
63 38.0 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: 123.14 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BM010243.D

Acq: 26 May 2017 06:46

Instrument :

BNA\_M

ClientSampled :

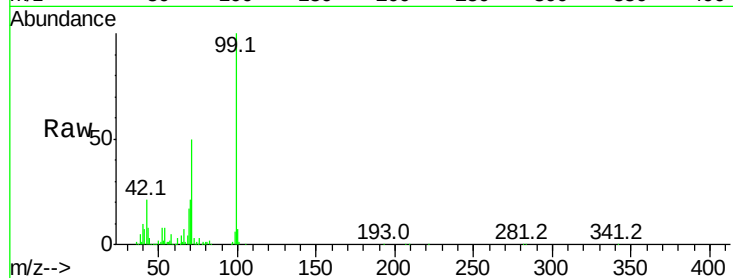
Tot Ion: 99 Resp: 982459

Ion Ratio Lower Upper

99 100

42 21.4 11.0 16.4#

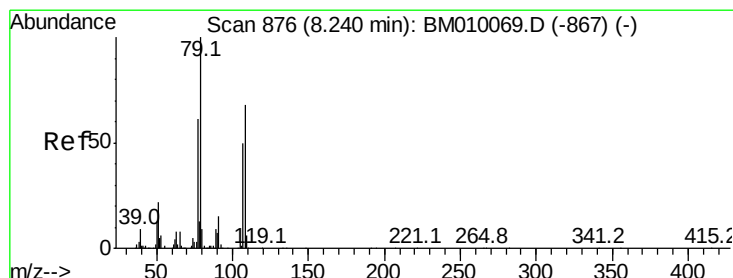
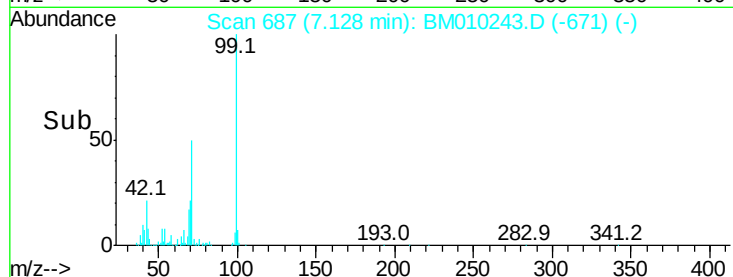
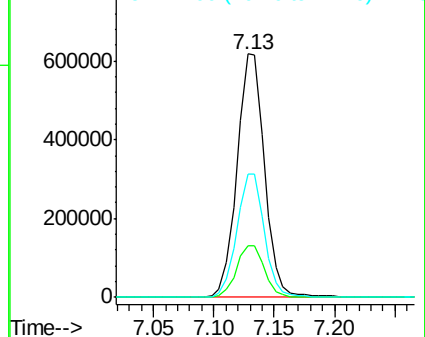
71 50.5 23.4 35.2#



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: 2.75 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.05 min

Lab File: BM010243.D

Acq: 26 May 2017 06:46

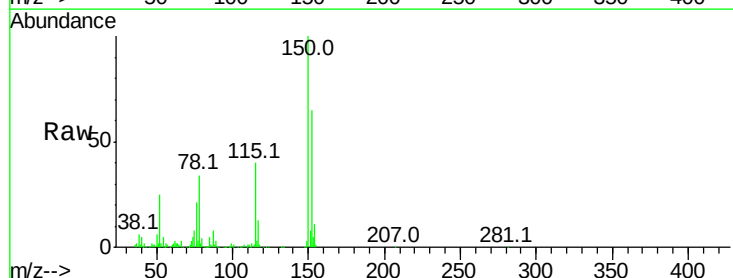
Tgt Ion: 79 Resp: 16597

Ion Ratio Lower Upper

79 100

108 51.7 65.0 97.4#

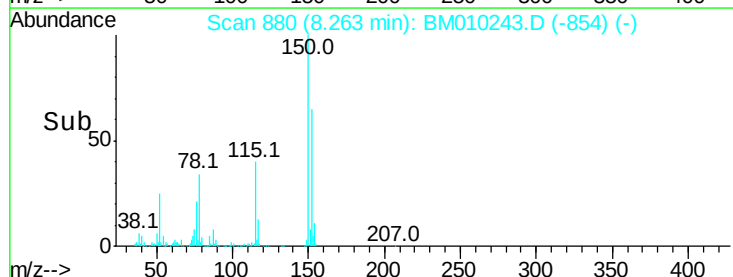
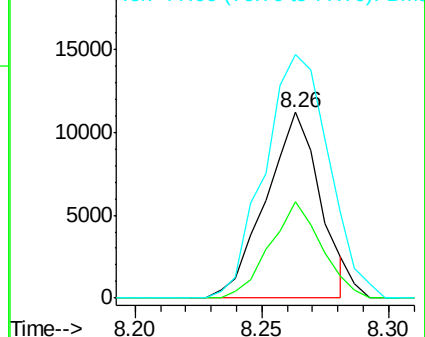
77 131.2 53.0 79.6#

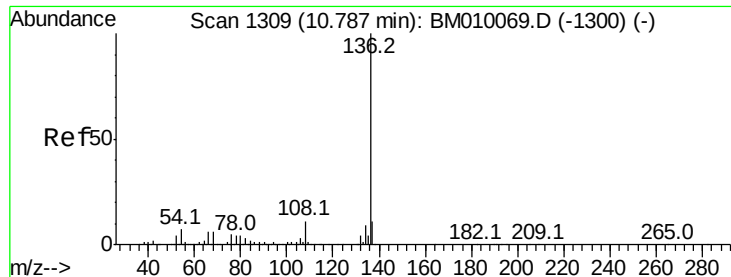


Abundance Ion 79.00 (78.70 to 79.70): BM010069.D (-867) (-)

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

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

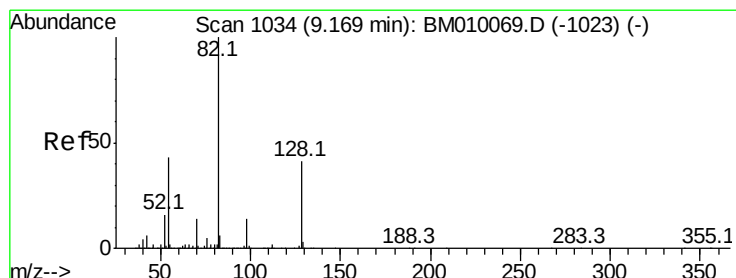
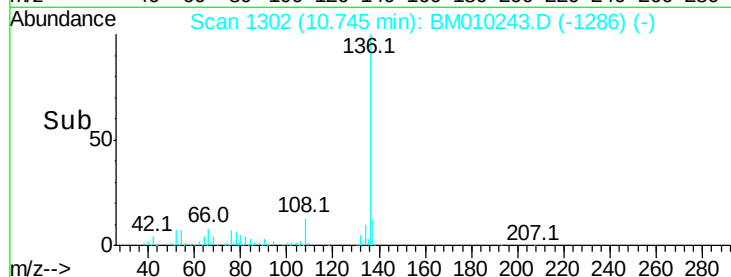
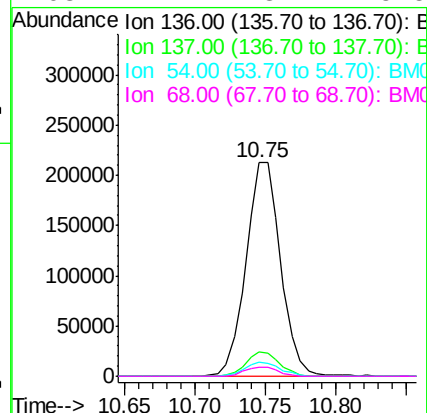
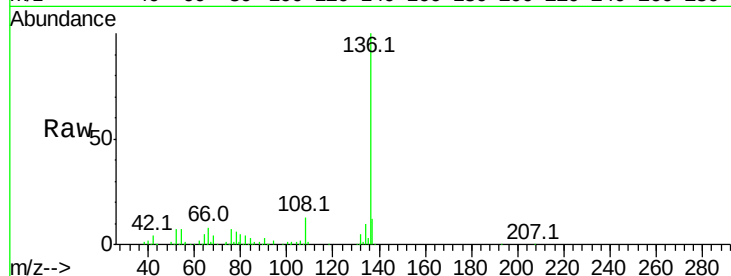




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.75 min Scan# 1302  
Delta R.T. -0.01 min  
Lab File: BM010243.D  
Acq: 26 May 2017 06:46

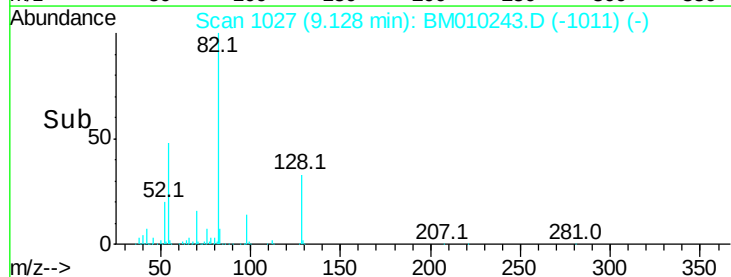
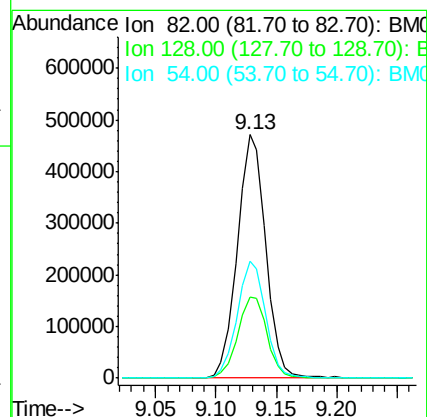
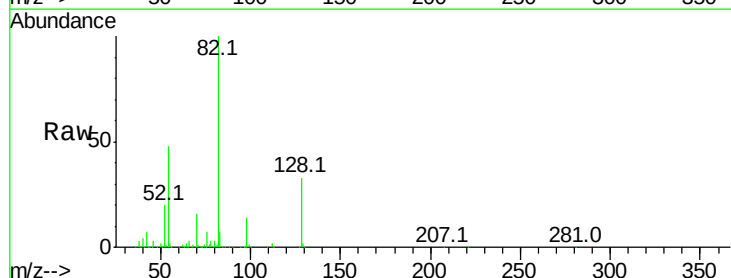
Instrument :  
BNA\_M  
ClientSampleId :

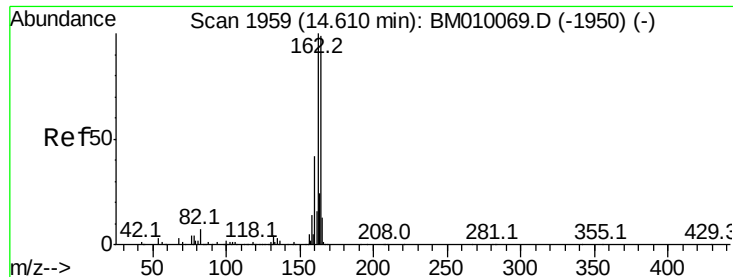
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 365599 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.7  | 8.7   | 13.1   |
| 54       | 6.6   | 4.6   | 6.8    |
| 68       | 4.2   | 3.7   | 5.5    |



#23  
Nitrobenzene-d5  
Concen: 114.33 ng  
RT: 9.13 min Scan# 1027  
Delta R.T. -0.01 min  
Lab File: BM010243.D  
Acq: 26 May 2017 06:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 774734 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 33.2  | 32.8  | 49.2   |
| 54       | 48.3  | 40.6  | 60.8   |





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BM010243.D

Acq: 26 May 2017 06:46

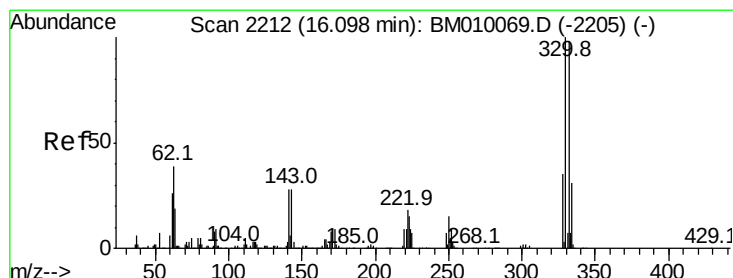
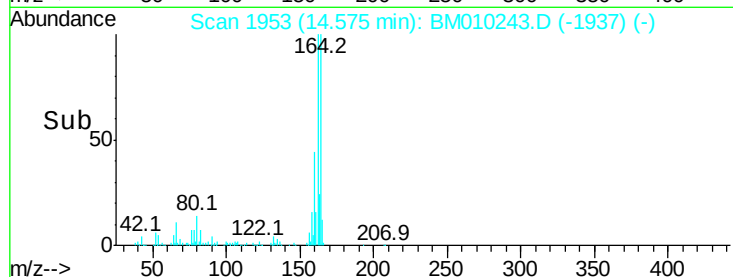
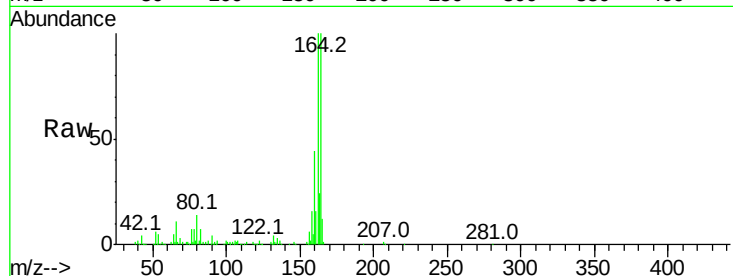
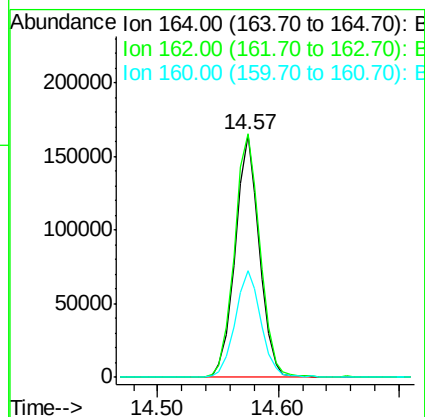
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:164 Resp: 229596

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.3 | 82.4  | 123.6 |
| 160 | 44.2  | 35.8  | 53.6  |



#41

2,4,6-Tribromophenol

Concen: 167.10 ng

RT: 16.07 min Scan# 2207

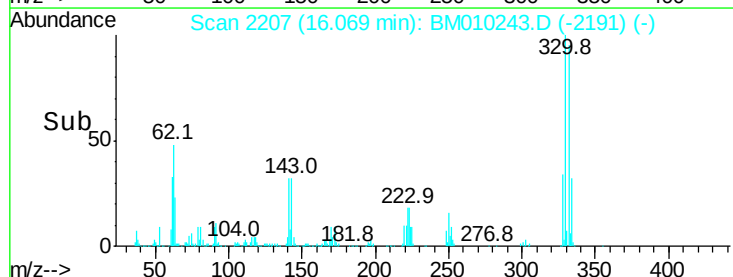
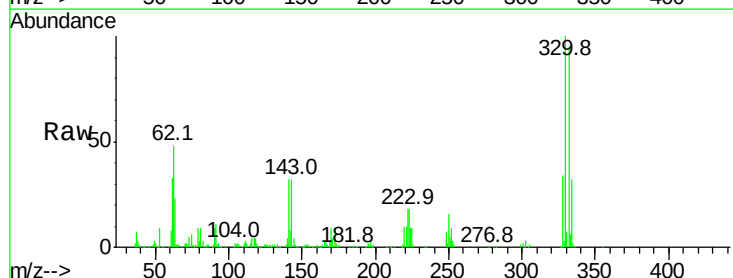
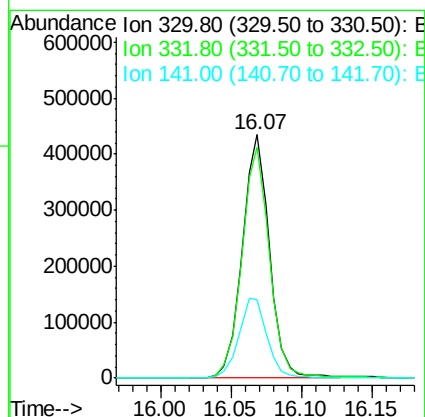
Delta R.T. -0.01 min

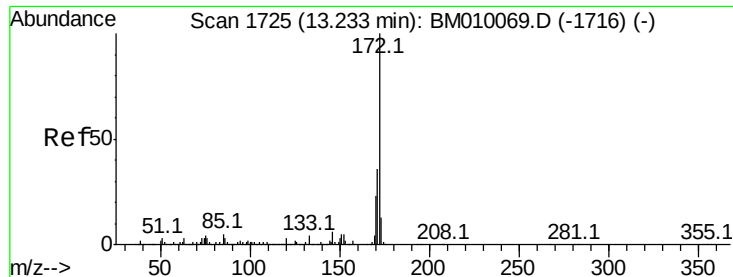
Lab File: BM010243.D

Acq: 26 May 2017 06:46

Tgt Ion:330 Resp: 582676

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 96.7  | 0.0   | 0.0#  |
| 141 | 34.3  | 0.0   | 0.0#  |

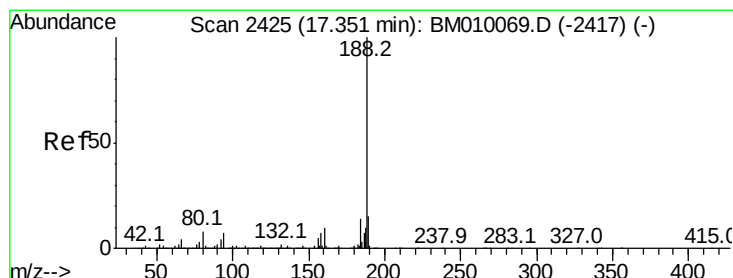
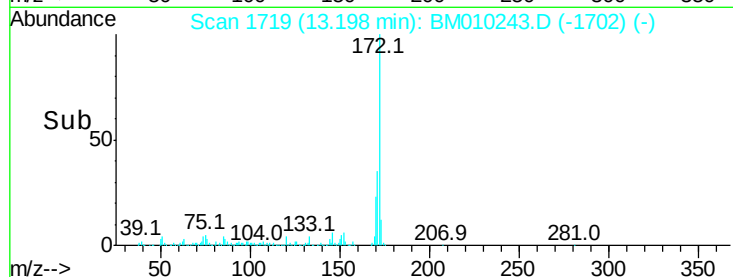
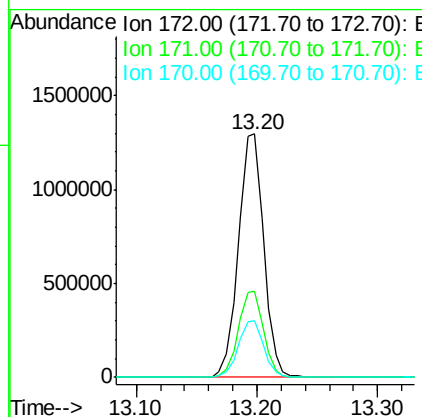
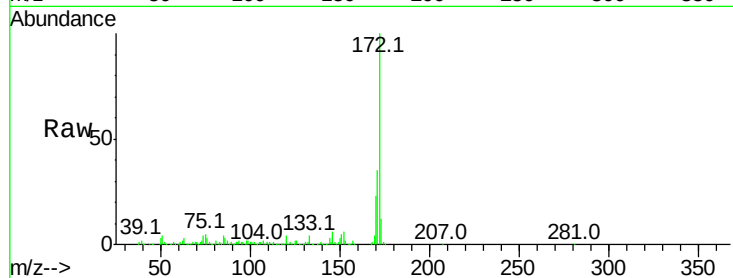




#44  
2-Fluorobiphenyl  
Concen: 106.51 ng  
RT: 13.20 min Scan# 1719  
Delta R.T. 0.00 min  
Lab File: BM010243.D  
Acq: 26 May 2017 06:46

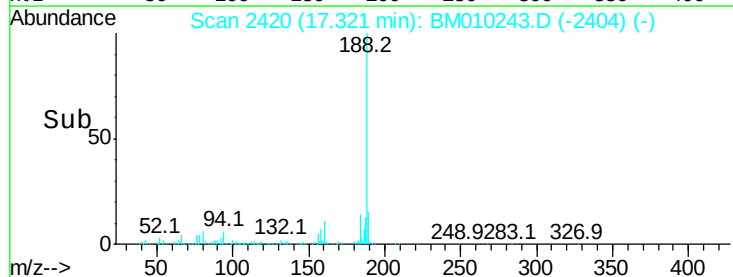
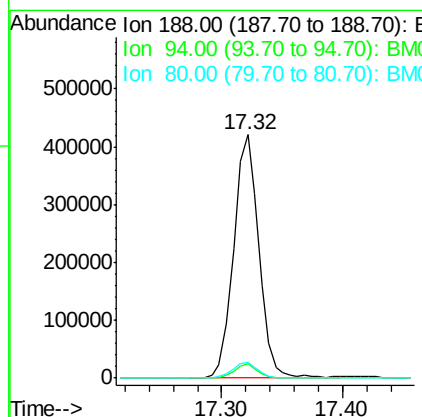
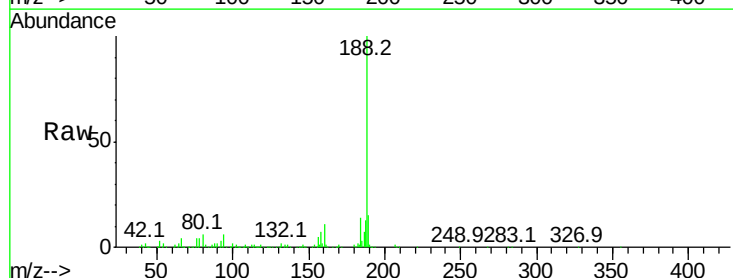
Instrument :  
BNA\_M  
ClientSampleId :

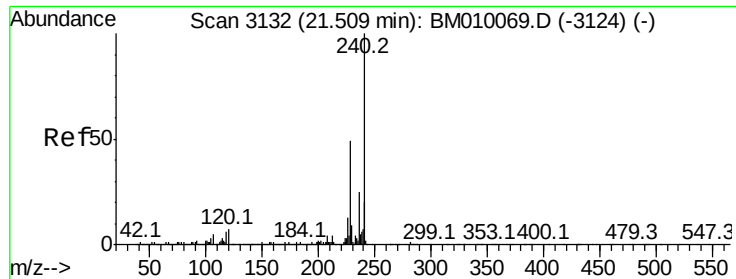
Tot Ion:172 Resp: 1902218  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.5 42.7  
170 23.3 18.8 28.2



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.32 min Scan# 2420  
Delta R.T. -0.01 min  
Lab File: BM010243.D  
Acq: 26 May 2017 06:46

Tgt Ion:188 Resp: 611898  
Ion Ratio Lower Upper  
188 100  
94 5.7 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. -0.01 min

Lab File: BM010243.D

Acq: 26 May 2017 06:46

Instrument :

BNA\_M

ClientSampled :

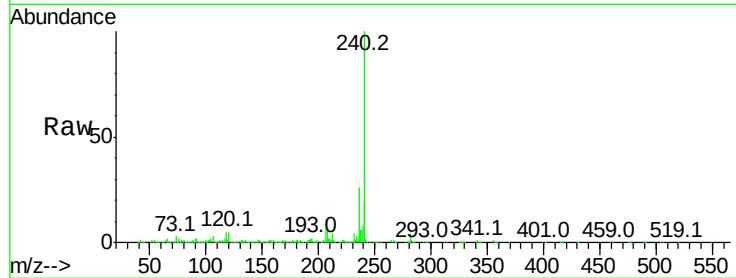
Tot Ion:240 Resp: 936104

Ion Ratio Lower Upper

240 100

120 4.6 8.2 12.2#

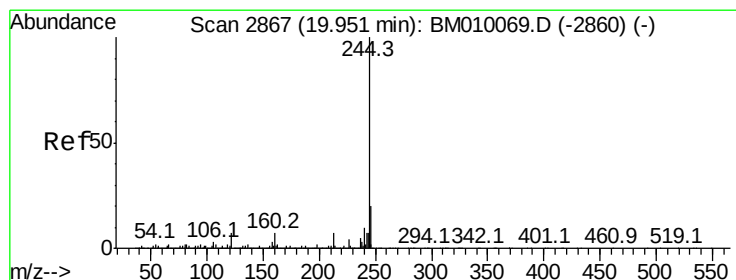
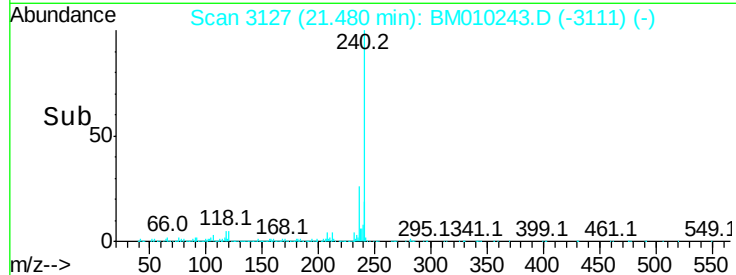
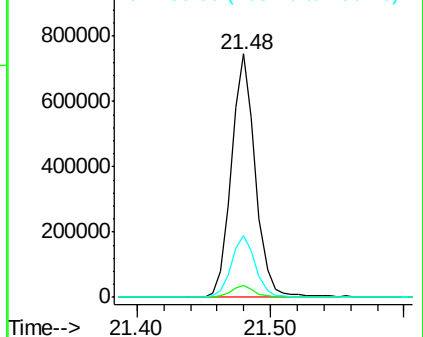
236 25.5 20.0 30.0



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: 100.32 ng

RT: 19.92 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BM010243.D

Acq: 26 May 2017 06:46

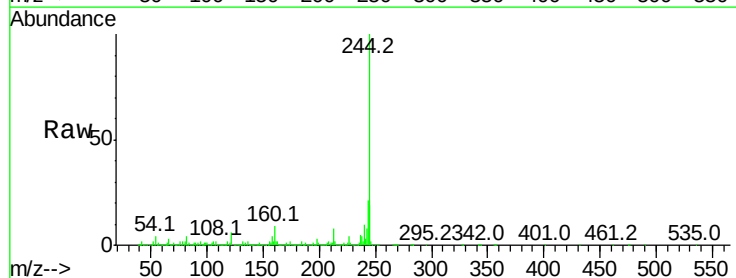
Tgt Ion:244 Resp: 4130186

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

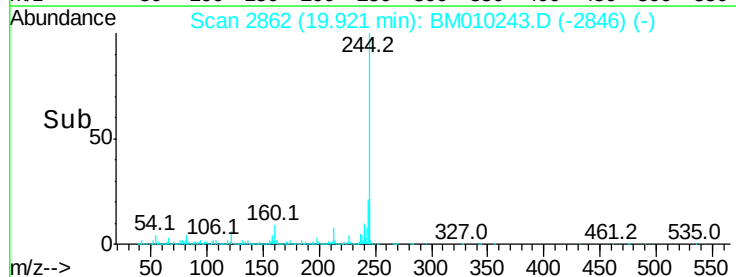
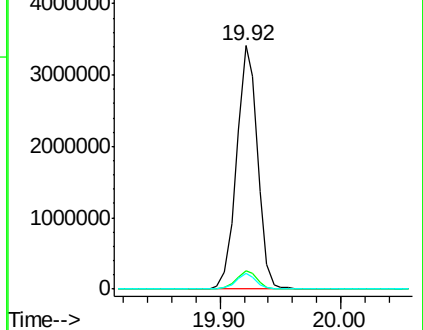
122 6.2 6.2 9.4



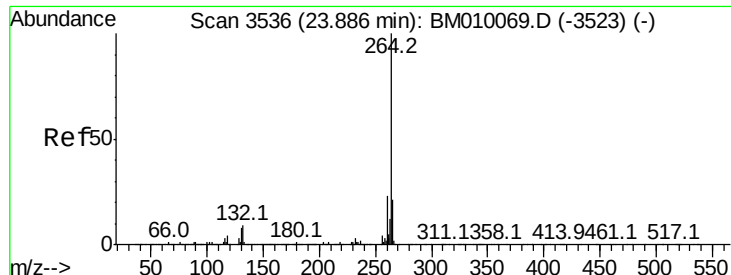
Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.01 min  
Lab File: BM010243.D  
Acq: 26 May 2017 06:46

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.0  | 18.6  | 27.8  |
| 265     | 22.4  | 17.3  | 25.9  |

