

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052317\  
 Data File : BM010162.D  
 Acq On : 24 May 2017 03:47  
 Operator : SJ/MA  
 Sample : I3222-01  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: May 24 05:28:30 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

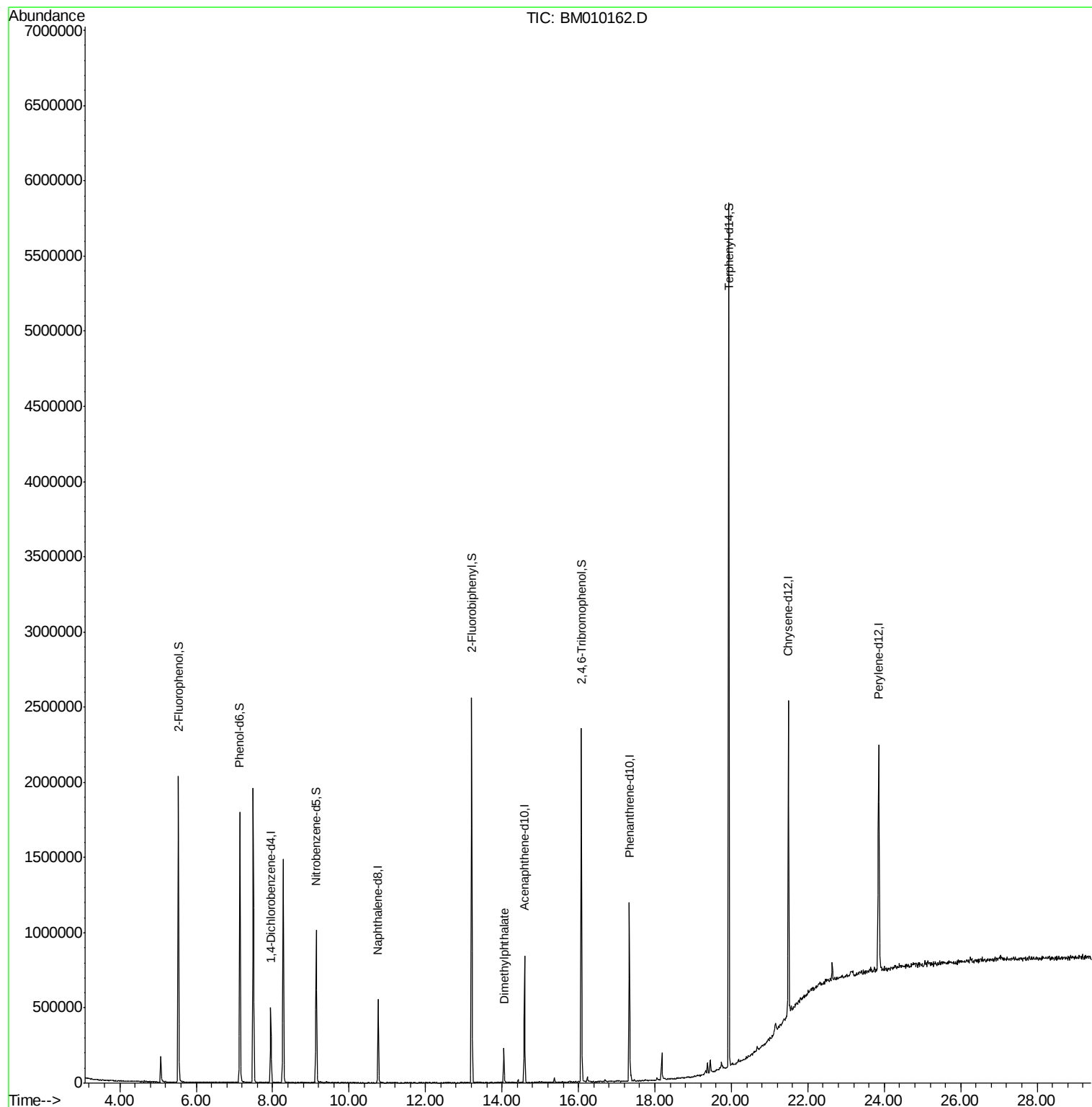
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.95  | 152  | 119912   | 20.00  | ng    | -0.02        |
| 21) Naphthalene-d8          | 10.76 | 136  | 415589   | 20.00  | ng    | -0.02        |
| 38) Acenaphthene-d10        | 14.59 | 164  | 267841   | 20.00  | ng    | -0.02        |
| 63) Phenanthrene-d10        | 17.33 | 188  | 675461   | 20.00  | ng    | -0.02        |
| 75) Chrysene-d12            | 21.49 | 240  | 1067562  | 20.00  | ng    | -0.02        |
| 86) Perylene-d12            | 23.85 | 264  | 1203143  | 20.00  | ng    | -0.04        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.53  | 112  | 708768   | 106.74 | ng    | -0.02        |
| 7) Phenol-d6                | 7.14  | 99   | 876607   | 102.59 | ng    | -0.03        |
| 23) Nitrobenzene-d5         | 9.14  | 82   | 561891   | 72.94  | ng    | -0.03        |
| 41) 2,4,6-Tribromophenol    | 16.07 | 330  | 408890   | 100.51 | ng    | -0.02        |
| 44) 2-Fluorobiphenyl        | 13.21 | 172  | 1301360  | 62.46  | ng    | -0.02        |
| 78) Terphenyl-d14           | 19.93 | 244  | 2326103  | 49.54  | ng    | -0.02        |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 14.04 | 163  | 136016   | 5.69   | ng    | Qvalue<br>98 |

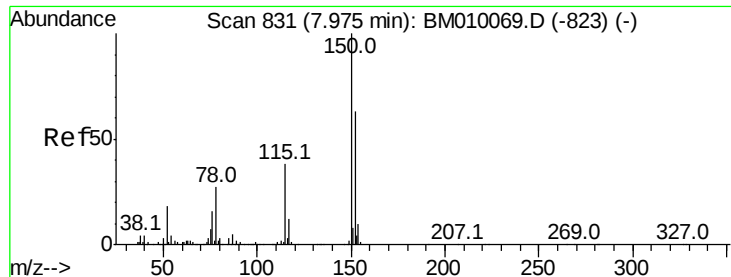
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 27 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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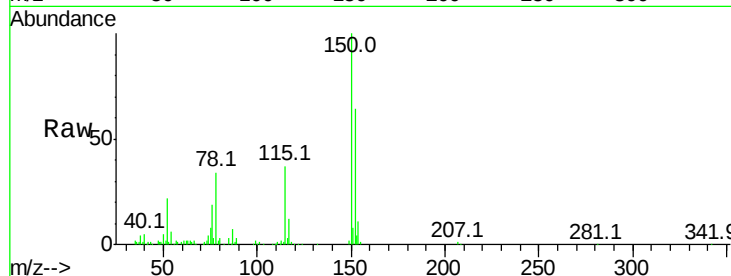


#1

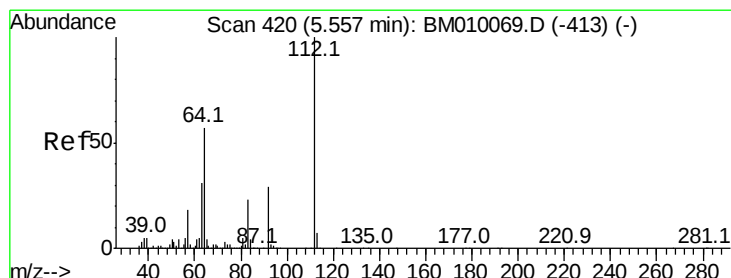
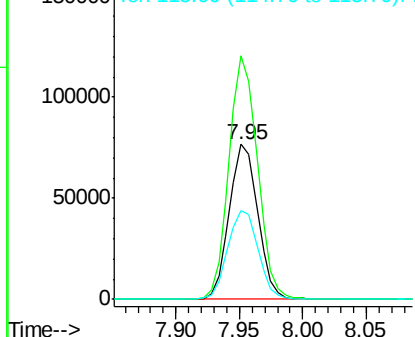
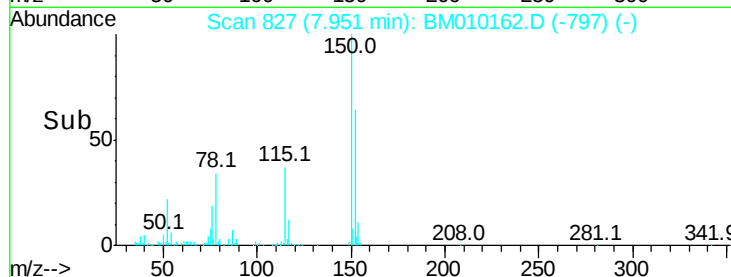
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.95 min Scan# 827  
Delta R.T. -0.02 min  
Lab File: BM010162.D  
Acq: 24 May 2017 03:47

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.4 | 119.5 | 179.3 |
| 115     | 57.5  | 43.0  | 64.4  |



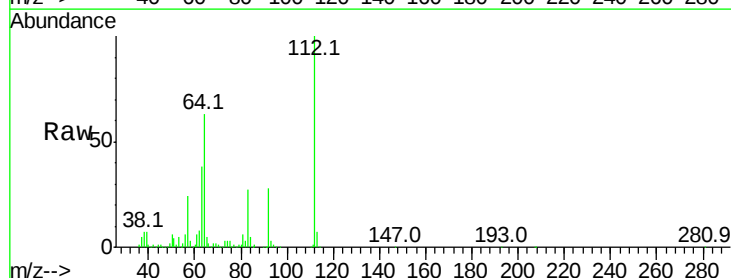
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



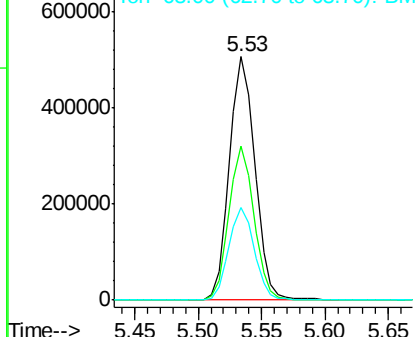
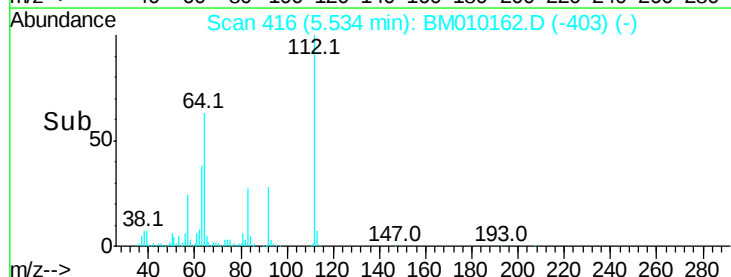
#5

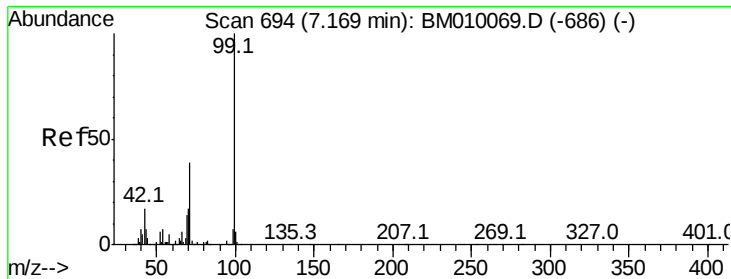
2-Fluorophenol  
Concen: 106.74 ng  
RT: 5.53 min Scan# 416  
Delta R.T. -0.02 min  
Lab File: BM010162.D  
Acq: 24 May 2017 03:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 63.1  | 38.6  | 57.8# |
| 63      | 37.8  | 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: 102.59 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010162.D

Acq: 24 May 2017 03:47

Instrument :

BNA\_M

ClientSampleId :

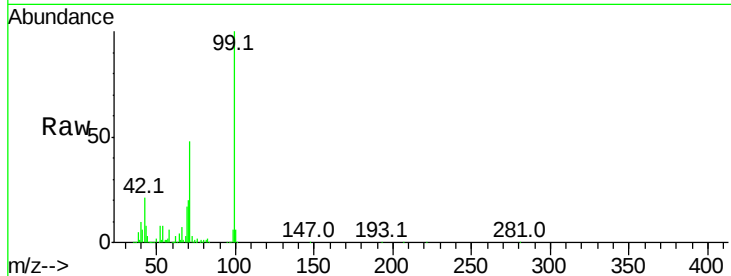
Tot Ion: 99 Resp: 876607

Ion Ratio Lower Upper

99 100

42 21.1 11.0 16.4#

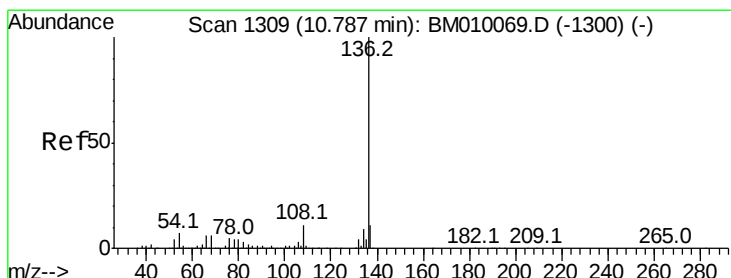
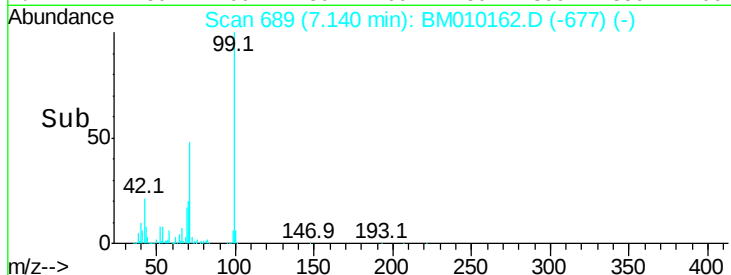
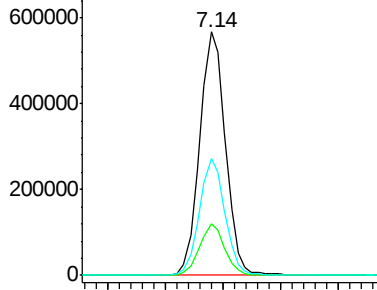
71 47.8 23.4 35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BM010162.D

Acq: 24 May 2017 03:47

Tgt Ion: 136 Resp: 415589

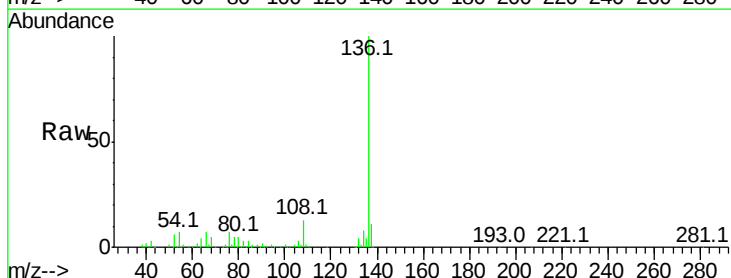
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.7 4.6 6.8

68 4.5 3.7 5.5

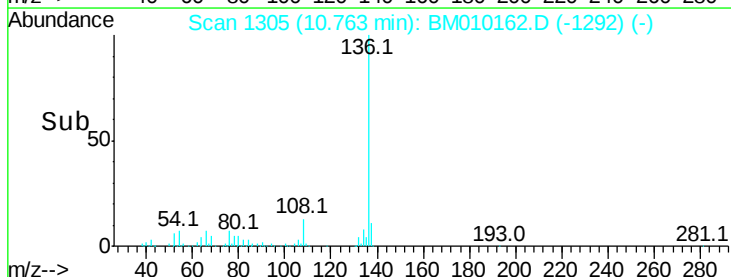
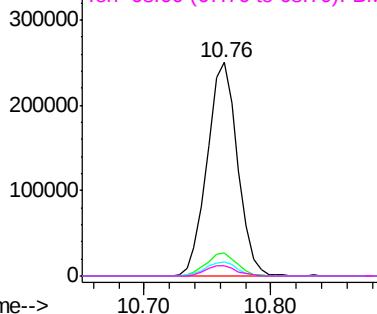


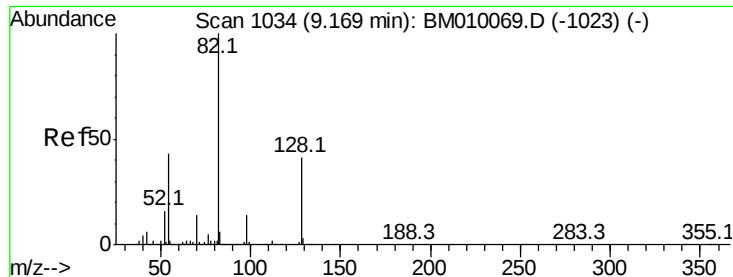
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

Ion 137.00 (136.70 to 137.70): BM010069.D (-1300) (-)

Ion 54.00 (53.70 to 54.70): BM010069.D (-1300) (-)

Ion 68.00 (67.70 to 68.70): BM010069.D (-1300) (-)

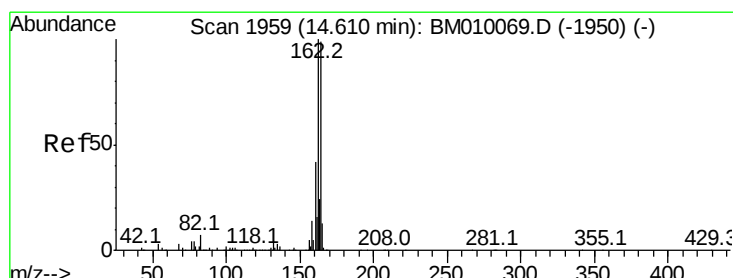
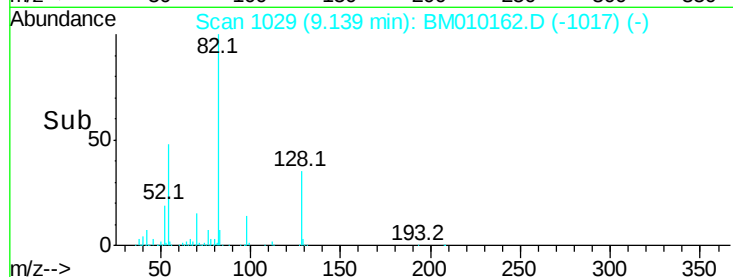
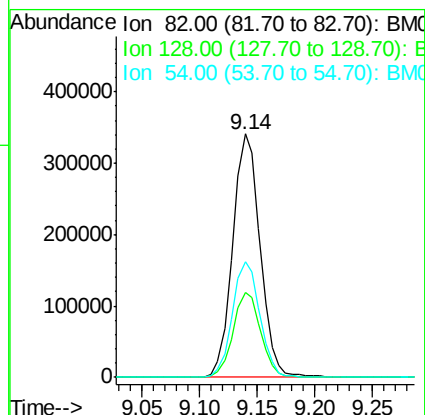
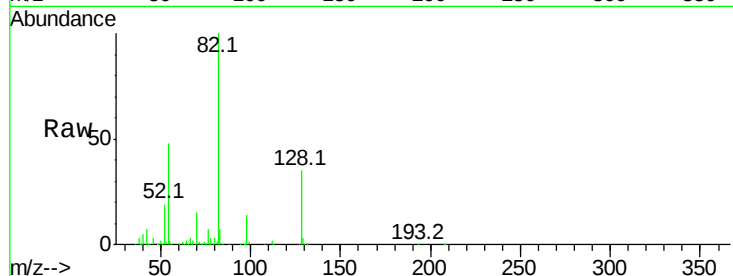




#23  
 Nitrobenzene-d5  
 Concen: 72.94 ng  
 RT: 9.14 min Scan# 1029  
 Delta R.T. -0.03 min  
 Lab File: BM010162.D  
 Acq: 24 May 2017 03:47

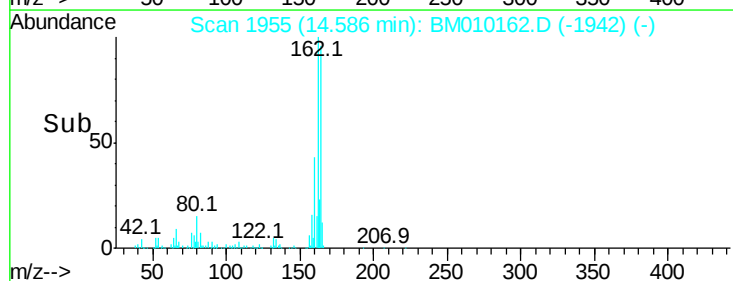
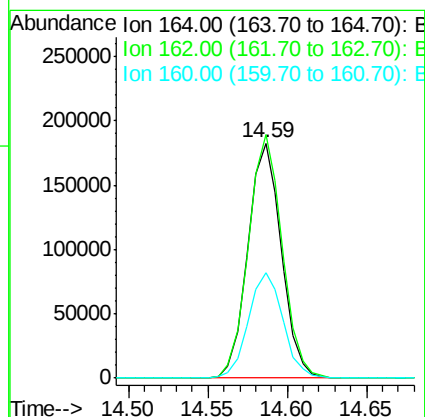
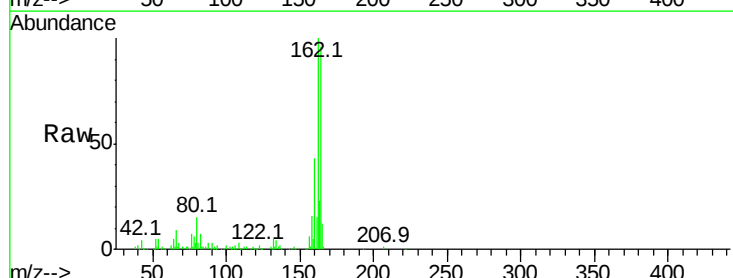
Instrument :  
 BNA\_M  
 ClientSampled :

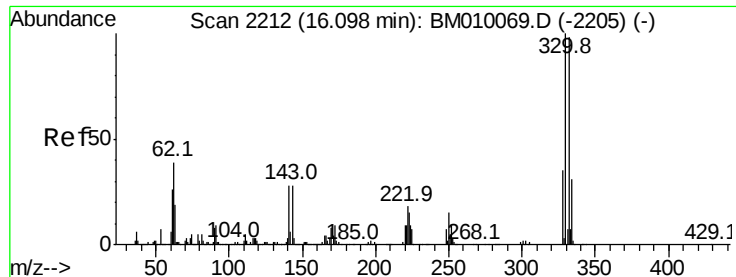
| Tot Ion | 82    | Resp  | 561891 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 82      | 100   |       |        |
| 128     | 34.7  | 32.8  | 49.2   |
| 54      | 47.6  | 40.6  | 60.8   |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.59 min Scan# 1955  
 Delta R.T. -0.02 min  
 Lab File: BM010162.D  
 Acq: 24 May 2017 03:47

| Tgt Ion | 164   | Resp  | 267841 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 164     | 100   |       |        |
| 162     | 103.7 | 82.4  | 123.6  |
| 160     | 44.9  | 35.8  | 53.6   |

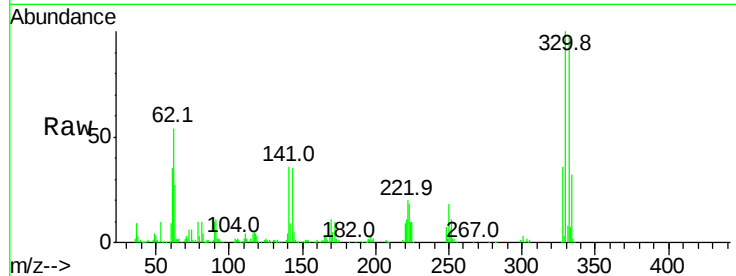




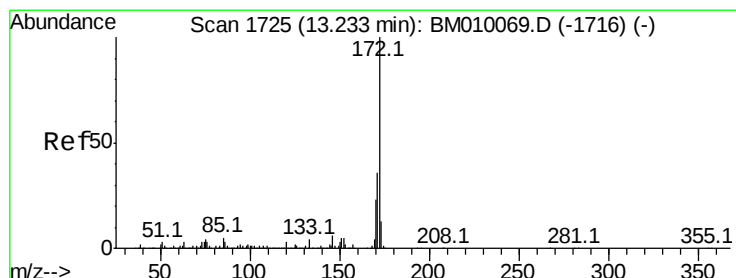
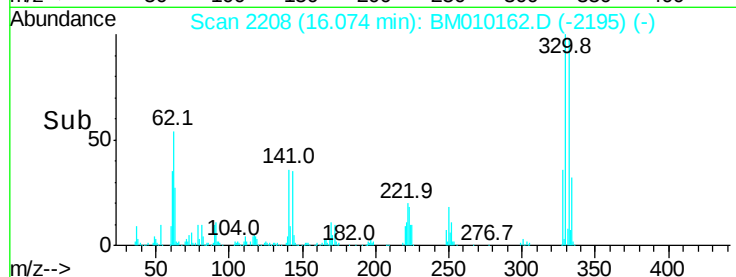
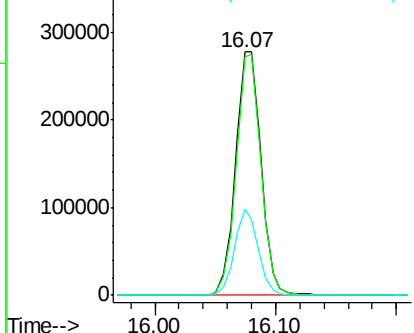
#41  
2,4,6-Tribromophenol  
Concen: 100.51 ng  
RT: 16.07 min Scan# 2208  
Delta R.T. -0.02 min  
Lab File: BM010162.D  
Acq: 24 May 2017 03:47

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:330 Resp: 408890  
Ion Ratio Lower Upper  
330 100  
332 96.4 0.0 0.0#  
141 33.1 0.0 0.0#

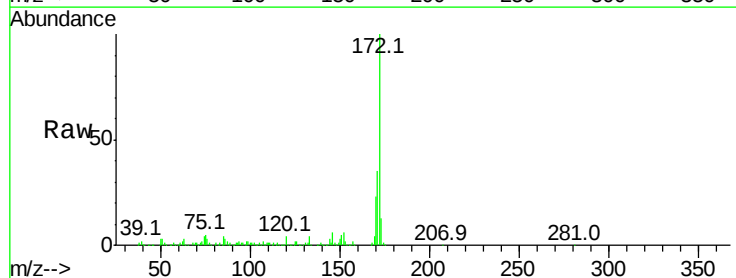


Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

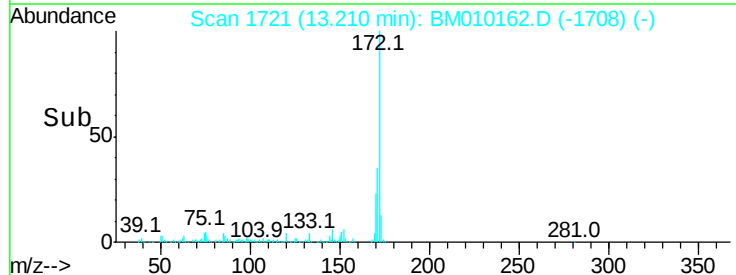
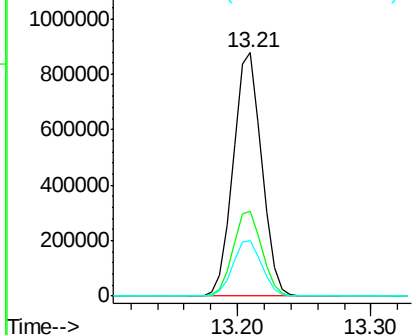


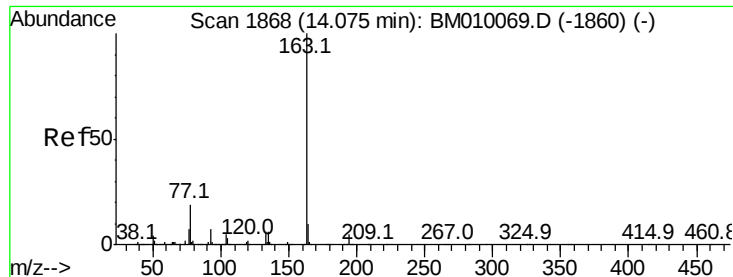
#44  
2-Fluorobiphenyl  
Concen: 62.46 ng  
RT: 13.21 min Scan# 1721  
Delta R.T. -0.02 min  
Lab File: BM010162.D  
Acq: 24 May 2017 03:47

Tgt Ion:172 Resp: 1301360  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.5 42.7  
170 22.6 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

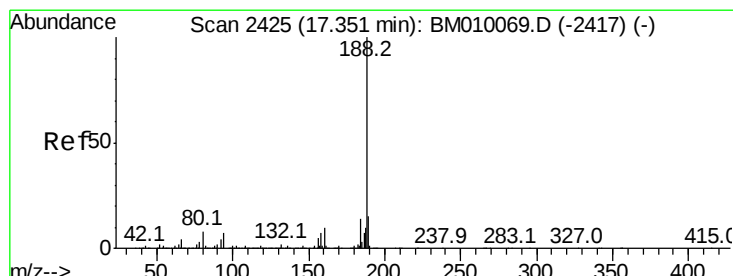
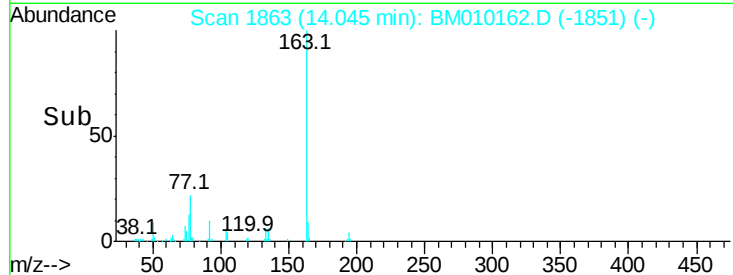
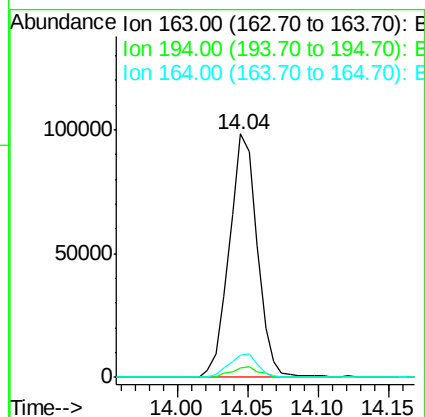
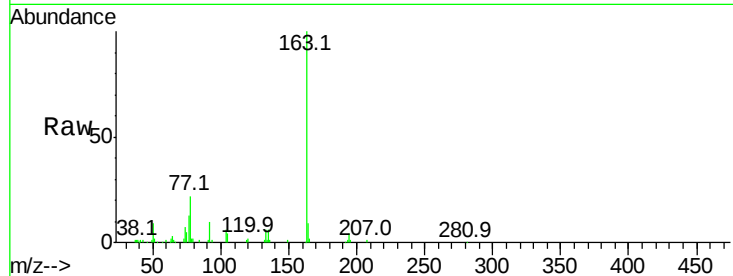




#49  
Dimethylphthalate  
Concen: 5.69 ng  
RT: 14.04 min Scan# 1863  
Delta R.T. -0.03 min  
Lab File: BM010162.D  
Acq: 24 May 2017 03:47

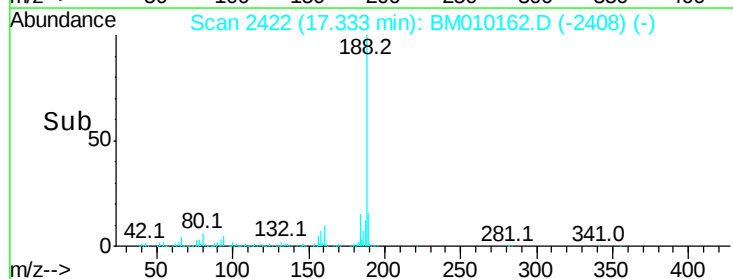
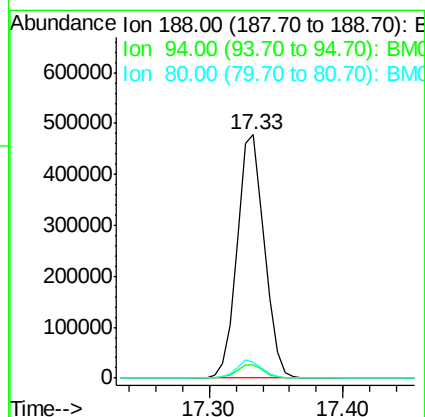
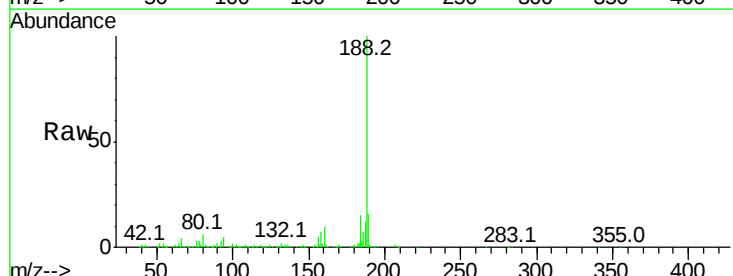
Instrument :  
BNA\_M  
ClientSampled :

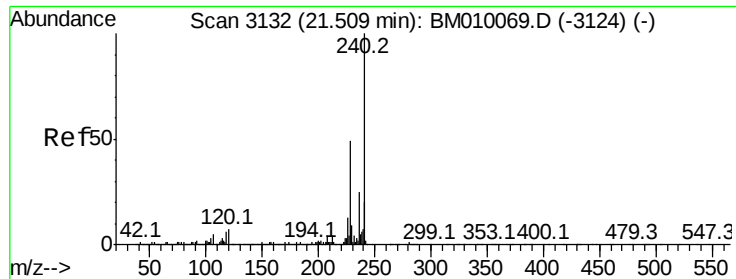
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.0   | 2.7   | 4.1   |
| 164     | 9.4   | 8.2   | 12.2  |



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.33 min Scan# 2422  
Delta R.T. -0.02 min  
Lab File: BM010162.D  
Acq: 24 May 2017 03:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 5.5   | 8.7   | 13.1# |
| 80      | 6.4   | 9.3   | 13.9# |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BM010162.D

Acq: 24 May 2017 03:47

Instrument :

BNA\_M

ClientSampled :

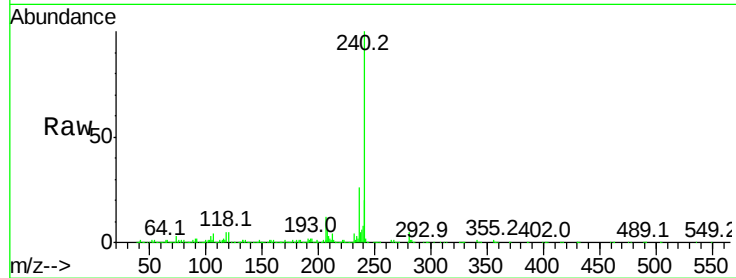
Tot Ion:240 Resp: 1067562

Ion Ratio Lower Upper

240 100

120 5.0 8.2 12.2#

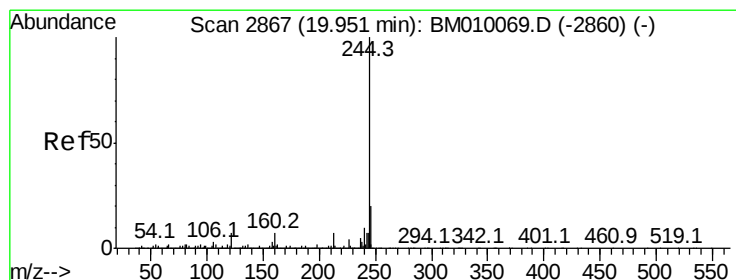
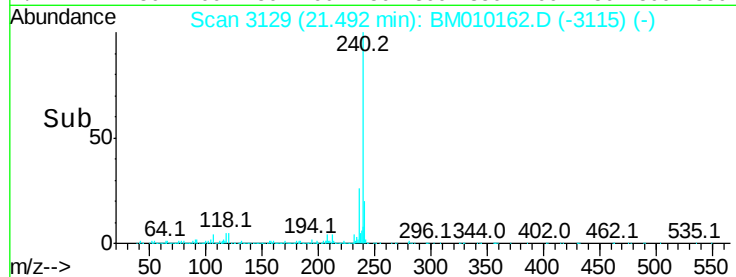
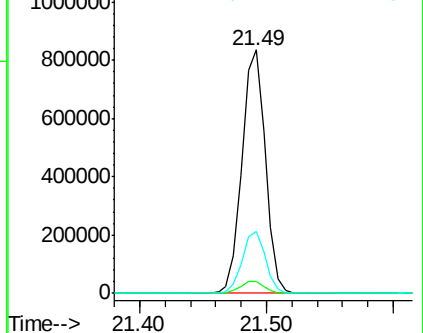
236 25.6 20.0 30.0



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: 49.54 ng

RT: 19.93 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BM010162.D

Acq: 24 May 2017 03:47

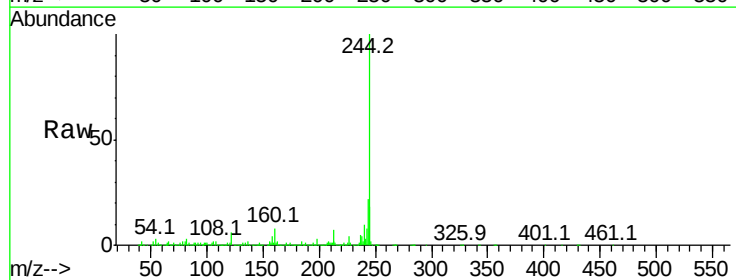
Tgt Ion:244 Resp: 2326103

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

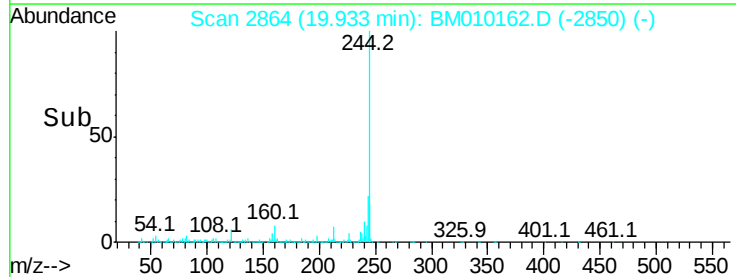
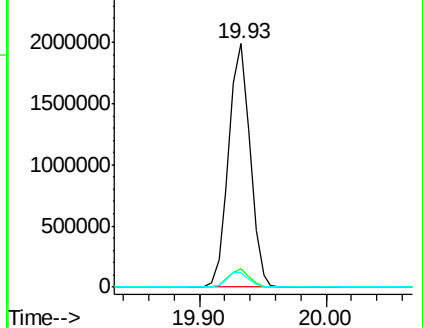
122 6.1 6.2 9.4#

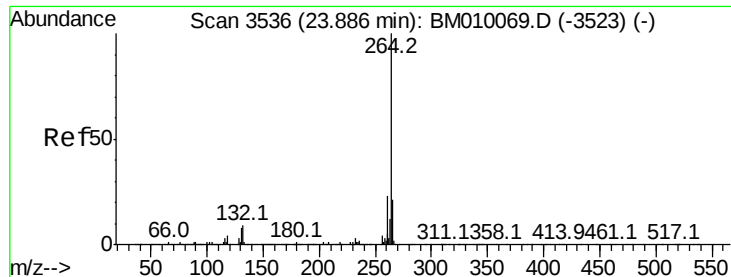


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.85 min Scan# 3530  
 Delta R.T. -0.04 min  
 Lab File: BM010162.D  
 Acq: 24 May 2017 03:47

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:264 Resp: 1203143  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.7  | 18.6  | 27.8  |
| 265 | 21.8  | 17.3  | 25.9  |

