

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\  
 Data File : BG016938.D  
 Acq On : 8 May 2015 1:53  
 Operator : TP/IZ  
 Sample : G2038-05  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBMW-03

Manual Integrations  
 APPROVED

apatel  
 5/8/2015 5:08:44 PM

Quant Time: May 08 05:13:42 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 08 04:04:43 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.80  | 152  | 82528    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.60 | 136  | 358894   | 20.00  | ng    | 0.01     |
| 38) Acenaphthene-d10        | 14.44 | 164  | 219689   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 17.18 | 188  | 451792   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 21.35 | 240  | 448892   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.66 | 264  | 444687   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.38  | 112  | 299810   | 63.26  | ng    | 0.00     |
| 7) Phenol-d6                | 6.96  | 99   | 335845   | 49.60  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.96  | 82   | 661809   | 90.09  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 15.92 | 330  | 342805   | 155.43 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.06 | 172  | 1255413  | 86.23  | ng    | 0.00     |
| 78) Terphenyl-d14           | 19.81 | 244  | 1578091  | 82.41  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 10) Phenol                  | 6.99  | 94   | 19597    | 2.70   | ng    | 88       |
| 17) 2-Methylphenol          | 8.24  | 107  | 58669    | 11.47  | ng    | 91       |
| 20) 3+4-Methylphenols       | 8.56  | 107  | 27690    | 3.93   | ng    | 89       |
| 22) Acetophenone            | 8.61  | 105  | 60080    | 7.03   | ng    | # 93     |
| 27) 2,4-Dimethylphenol      | 9.77  | 122  | 36958m   | 6.76   | ng    |          |
| 31) Naphthalene             | 10.68 | 128  | 9016471  | 505.11 | ng    | # 10     |
| 37) 2-Methylnaphthalene     | 12.26 | 142  | 1980573  | 145.67 | ng    | 95       |
| 45) 1,1'-Biphenyl           | 13.27 | 154  | 533451   | 33.92  | ng    | 98       |
| 48) Acenaphthylene          | 14.16 | 152  | 1773251  | 81.73  | ng    | # 93     |
| 51) Acenaphthene            | 14.50 | 154  | 844297   | 65.39  | ng    | 99       |
| 54) Dibenzofuran            | 14.83 | 168  | 68591    | 3.74   | ng    | # 85     |
| 57) Fluorene                | 15.48 | 166  | 513033   | 31.61  | ng    | 99       |
| 70) Phenanthrene            | 17.22 | 178  | 978314   | 42.08  | ng    | 99       |
| 71) Anthracene              | 17.31 | 178  | 224549   | 9.57   | ng    | 96       |
| 72) Carbazole               | 17.58 | 167  | 278525   | 12.49  | ng    | 98       |
| 74) Fluoranthene            | 19.24 | 202  | 135689   | 5.03   | ng    | 98       |
| 77) Pyrene                  | 19.60 | 202  | 176224   | 6.65   | ng    | 100      |

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

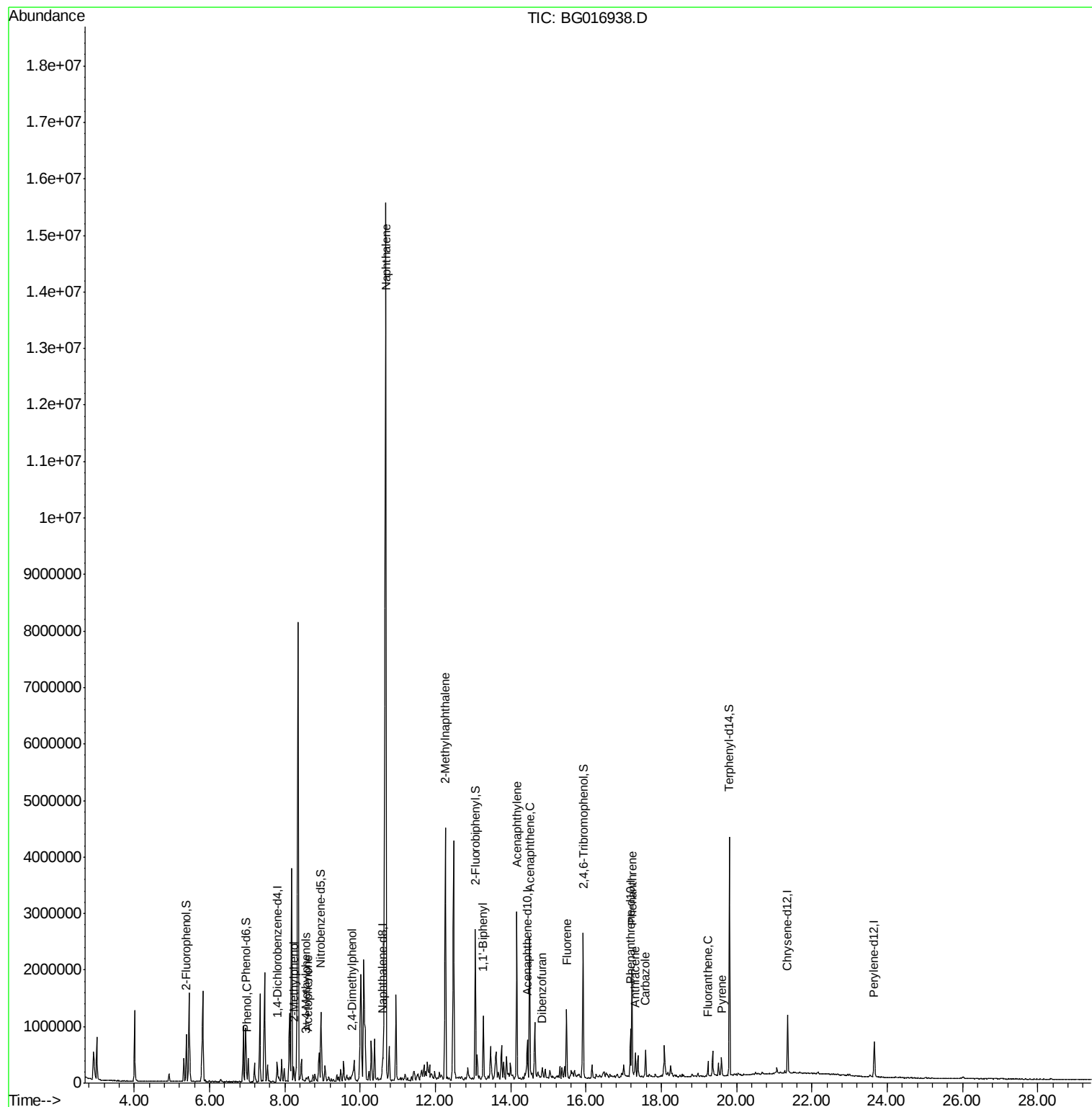
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\  
Data File : BG016938.D  
Acq On : 8 May 2015 1:53  
Operator : TP/IZ  
Sample : G2038-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

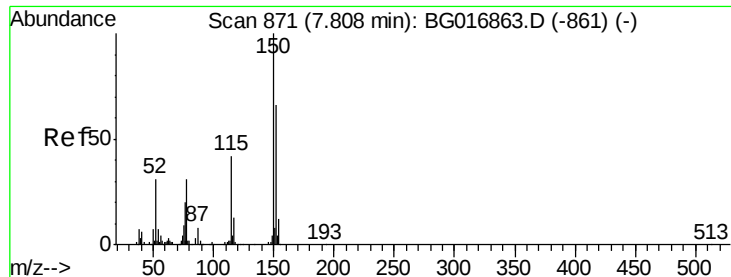
Instrument :  
BNA\_G  
ClientSampleId :  
DBMW-03

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5/8/2015 5:08:44 PM

Quant Time: May 08 05:13:42 2015  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 08 04:04:43 2015  
Response via : Initial Calibration





#1

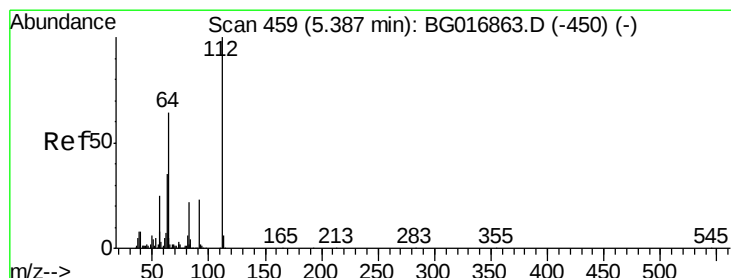
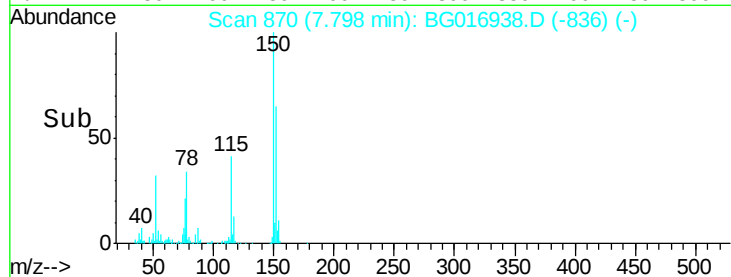
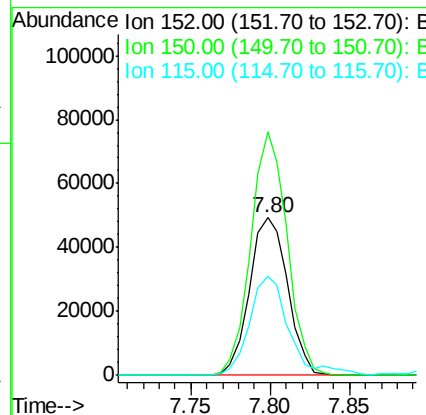
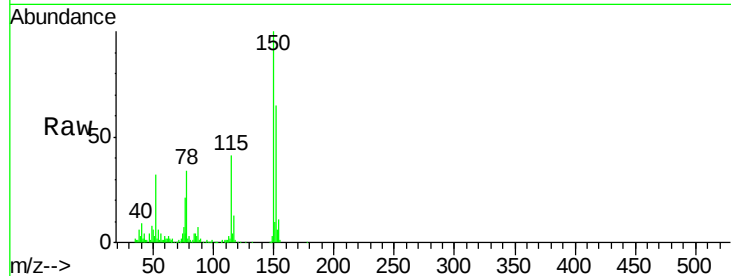
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.80 min Scan# 870  
Delta R.T. -0.00 min  
Lab File: BG016938.D  
Acq: 8 May 2015 1:53

Instrument :  
BNA\_G  
ClientSampleId :  
DBMW-03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.3 | 121.0 | 181.4 |
| 115     | 63.1  | 50.5  | 75.7  |

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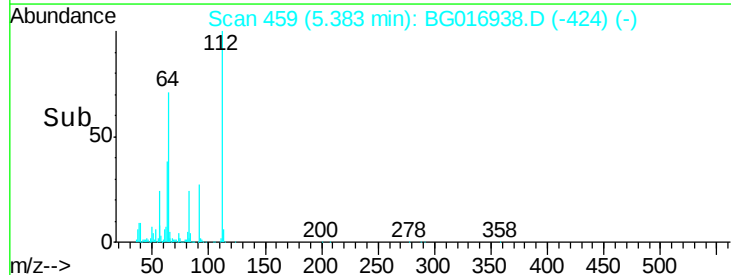
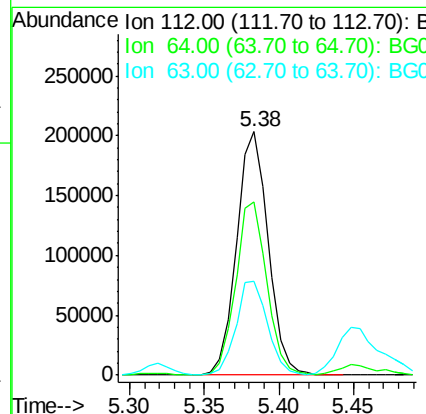
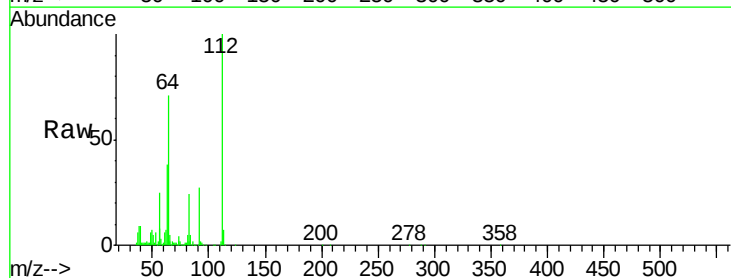
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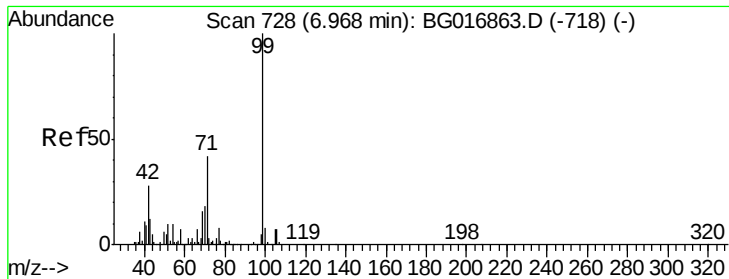


#5

2-Fluorophenol  
Concen: 63.26 ng  
RT: 5.38 min Scan# 459  
Delta R.T. 0.01 min  
Lab File: BG016938.D  
Acq: 8 May 2015 1:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 71.0  | 51.4  | 77.2  |
| 63      | 38.4  | 28.1  | 42.1  |





#7

Phenol-d6

Concen: 49.60 ng

RT: 6.96 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG016938.D

Acq: 8 May 2015 1:53

Instrument :

BNA\_G

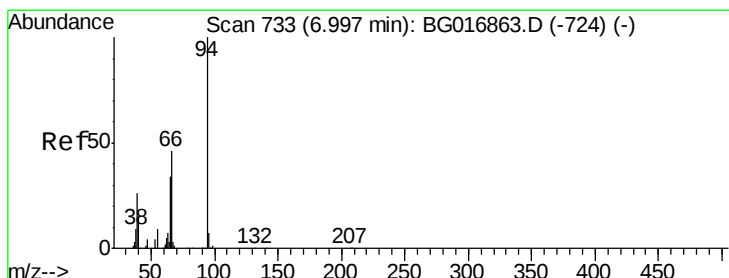
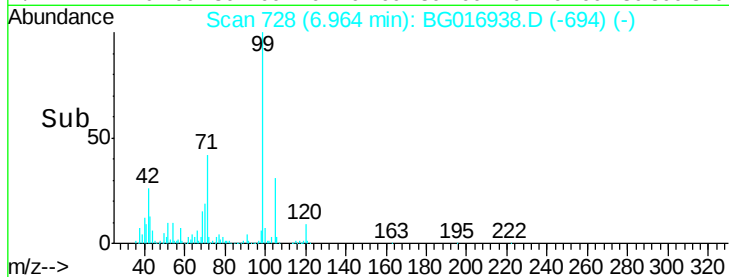
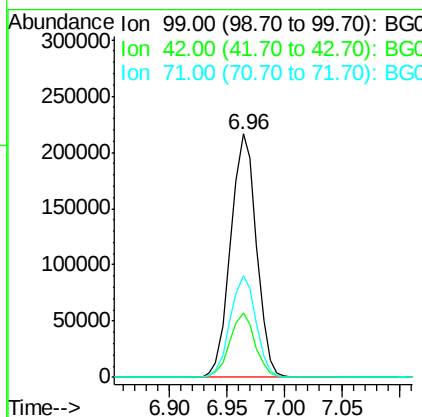
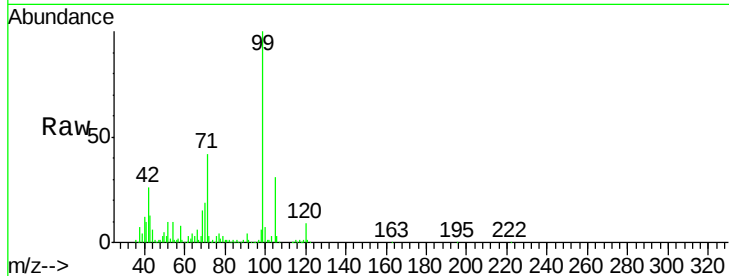
ClientSampleId :

DBMW-03

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 335845 |       |       |
| 42      | 26.3 | 22.1  | 33.1   |       |       |
| 71      | 41.6 | 33.4  | 50.0   |       |       |

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#10

Phenol

Concen: 2.70 ng

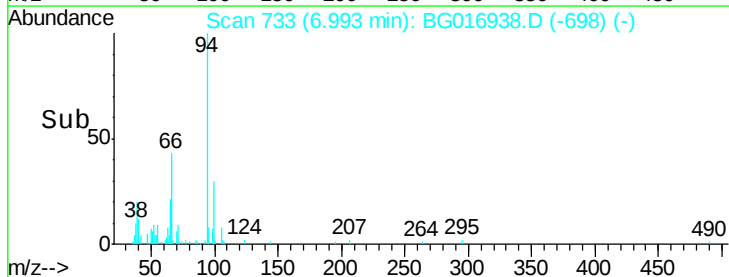
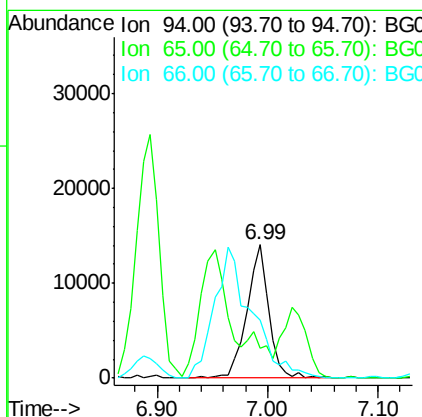
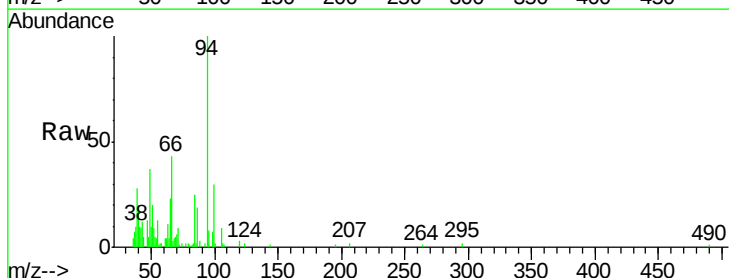
RT: 6.99 min Scan# 733

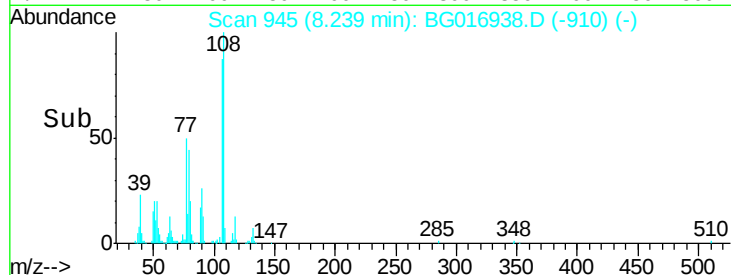
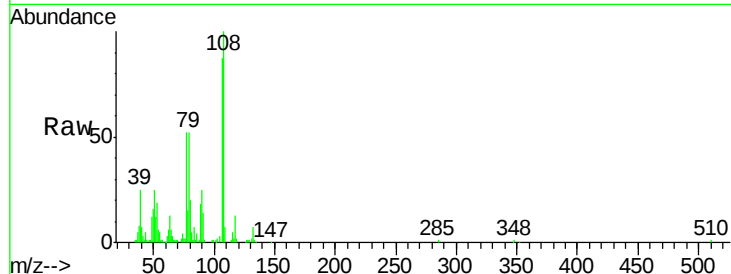
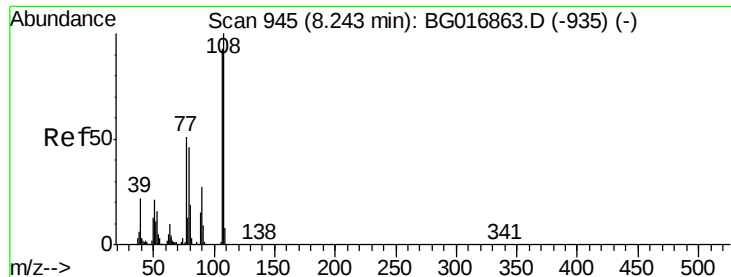
Delta R.T. 0.01 min

Lab File: BG016938.D

Acq: 8 May 2015 1:53

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 94      | 100  |       | 19597 |       |       |
| 65      | 22.5 | 14.3  | 54.3  |       |       |
| 66      | 43.5 | 26.9  | 66.9  |       |       |





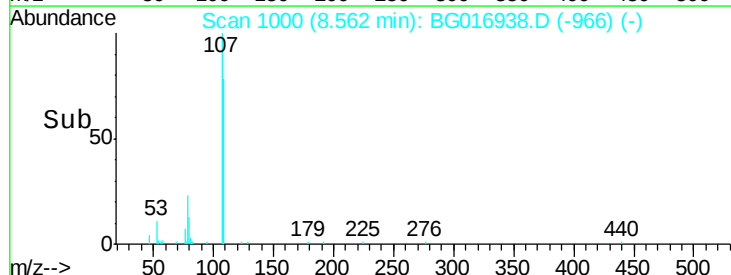
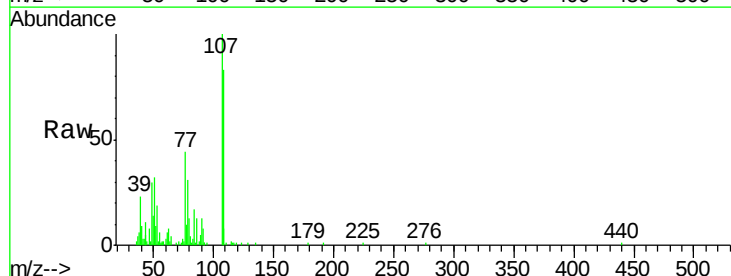
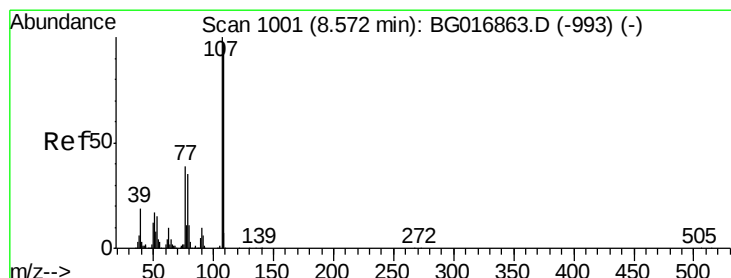
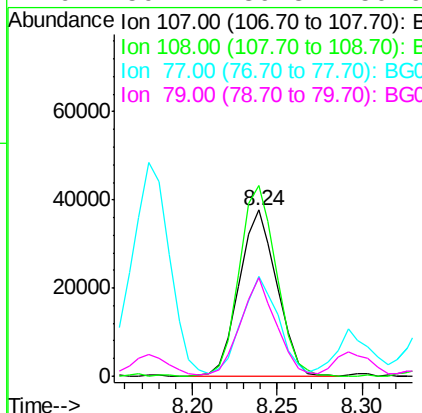
#17  
2-Methylphenol  
Concen: 11.47 ng  
RT: 8.24 min Scan# 945  
Delta R.T. 0.01 min  
Lab File: BG016938.D  
Acq: 8 May 2015 1:53

| Tot Ion   | 107   | Resp  | 58669 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 114.9 | 85.9  | 128.9 |
| 77        | 59.9  | 43.8  | 65.6  |
| 79        | 59.4  | 39.8  | 59.6  |

Instrument :  
BNA\_G  
ClientSampleId :  
DBMW-03

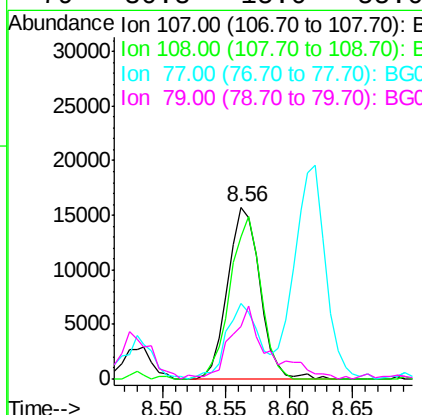
Manual Integrations  
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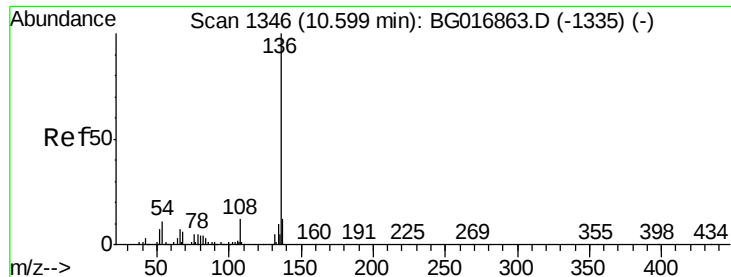
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#20  
3+4-Methylphenols  
Concen: 3.93 ng  
RT: 8.56 min Scan# 1000  
Delta R.T. -0.00 min  
Lab File: BG016938.D  
Acq: 8 May 2015 1:53

| Tgt Ion   | 107   | Resp  | 27690 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 82.8  | 76.6  | 116.6 |
| 77        | 44.3  | 19.0  | 59.0  |
| 79        | 30.8  | 15.0  | 55.0  |





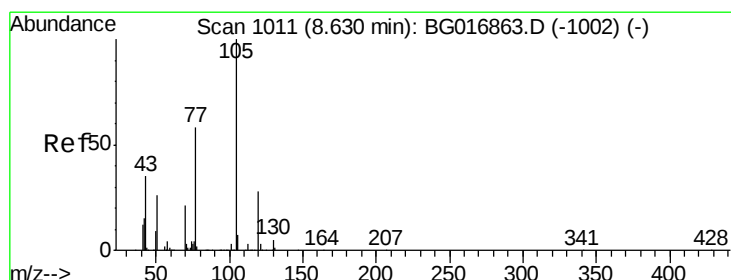
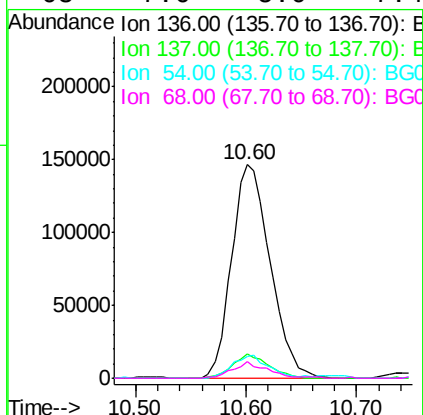
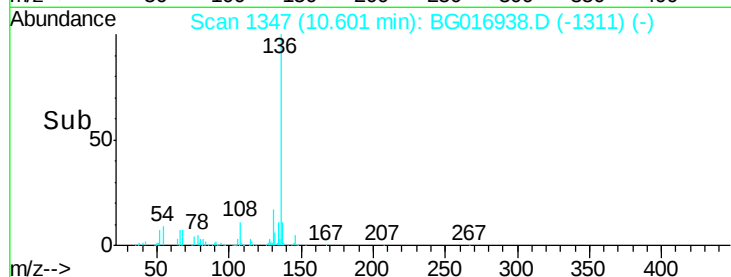
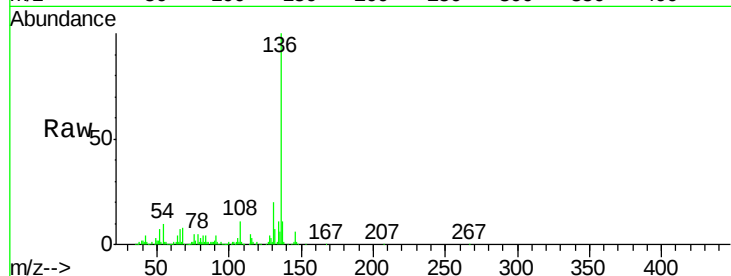
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.60 min Scan# 1347  
Delta R.T. 0.01 min  
Lab File: BG016938.D  
Acq: 8 May 2015 1:53

Instrument :  
BNA\_G  
ClientSampleId :  
DBMW-03

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 358894 |       |       |
| 137     | 11.4 | 9.8   | 14.8   |       |       |
| 54      | 10.1 | 8.7   | 13.1   |       |       |
| 68      | 7.6  | 5.0   | 7.4#   |       |       |

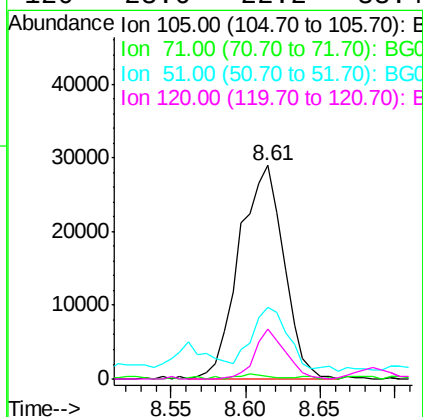
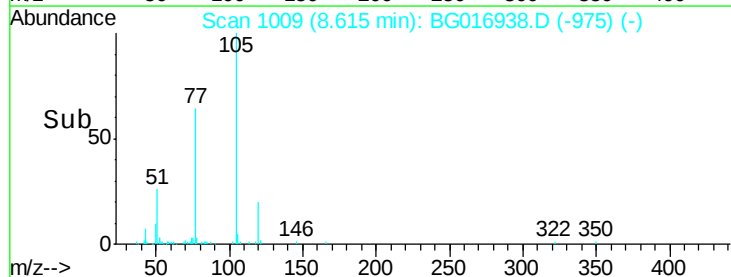
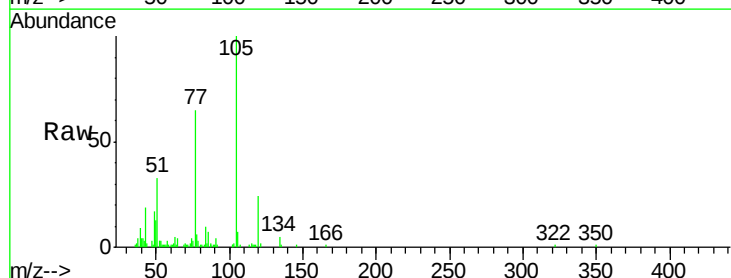
Manual Integrations  
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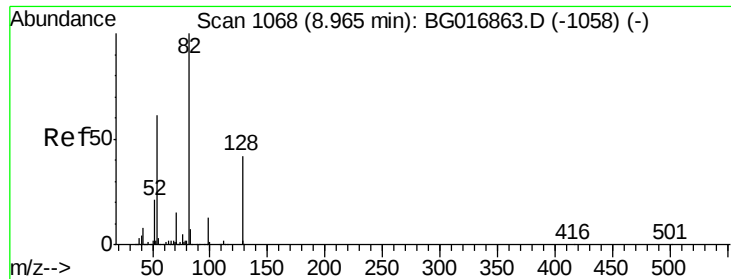
apatel  
5/8/2015 5:08:44 PM



#22  
Acetophenone  
Concen: 7.03 ng  
RT: 8.61 min Scan# 1009  
Delta R.T. -0.00 min  
Lab File: BG016938.D  
Acq: 8 May 2015 1:53

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 105     | 100  |       | 60080 |       |       |
| 71      | 2.0  | 2.8   | 4.2#  |       |       |
| 51      | 33.4 | 29.4  | 44.2  |       |       |
| 120     | 23.6 | 22.2  | 33.4  |       |       |





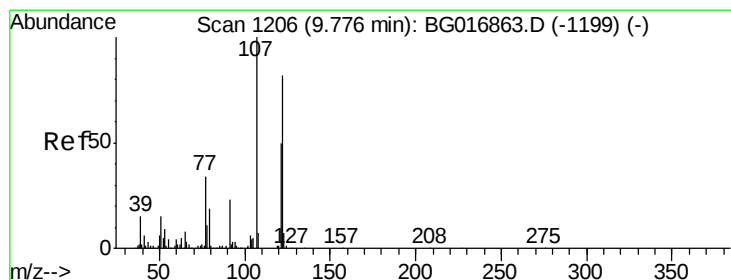
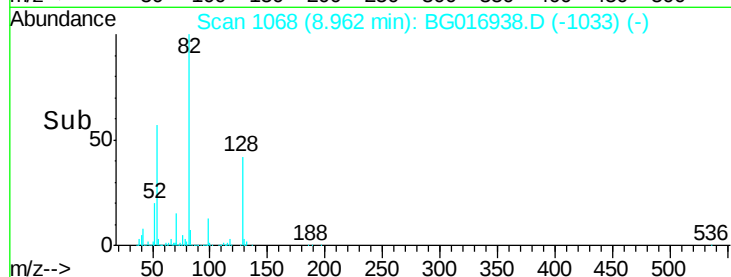
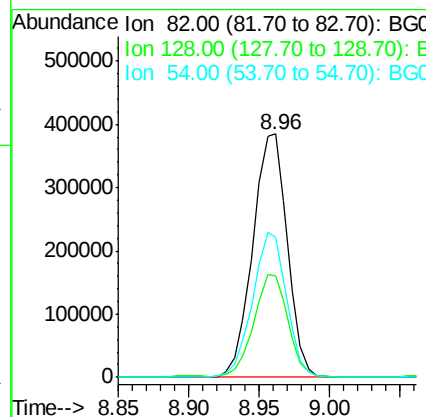
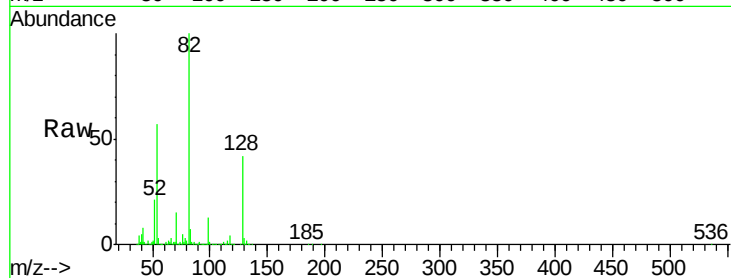
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 Nitrobenzene-d5  
 Concen: 90.09 ng  
 RT: 8.96 min Scan# 1068  
 Delta R.T. 0.01 min  
 Lab File: BG016938.D  
 Acq: 8 May 2015 1:53

Instrument :  
 BNA\_G  
 ClientSampleID :  
 DBMW-03

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 41.6  | 33.2 | 49.8  |       |
| 54      | 57.4  | 48.6 | 72.8  |       |

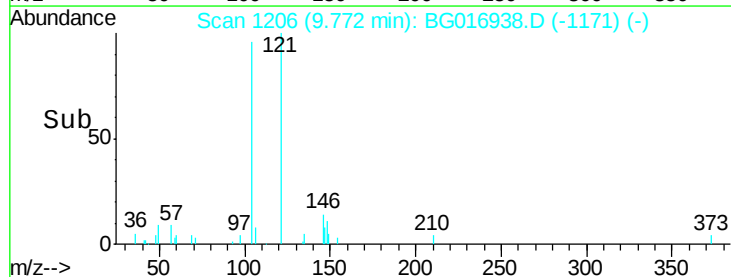
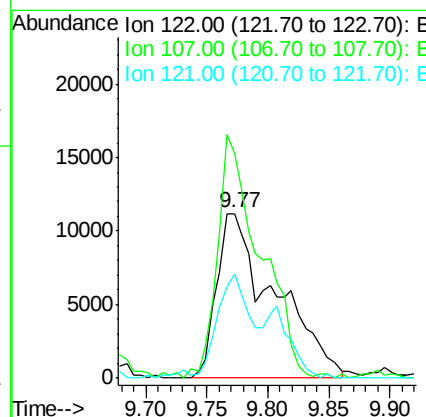
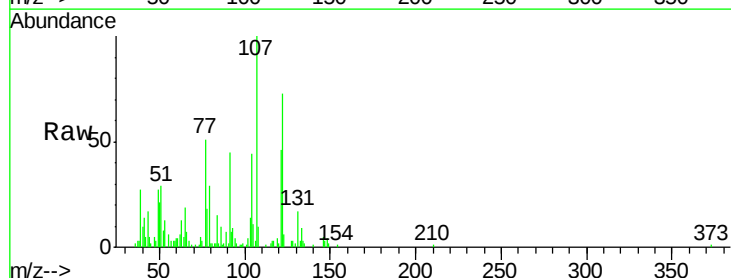
Manual Integrations  
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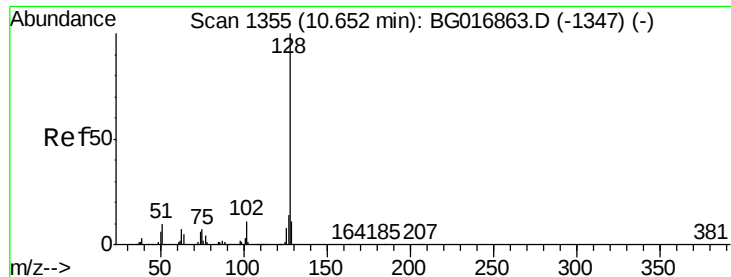
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#27  
 2,4-Dimethylphenol  
 Concen: 6.76 ng m  
 RT: 9.77 min Scan# 1206  
 Delta R.T. 0.01 min  
 Lab File: BG016938.D  
 Acq: 8 May 2015 1:53

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 122     | 100   |      |       |       |
| 107     | 136.7 | 97.6 | 146.4 |       |
| 121     | 63.5  | 48.4 | 72.6  |       |





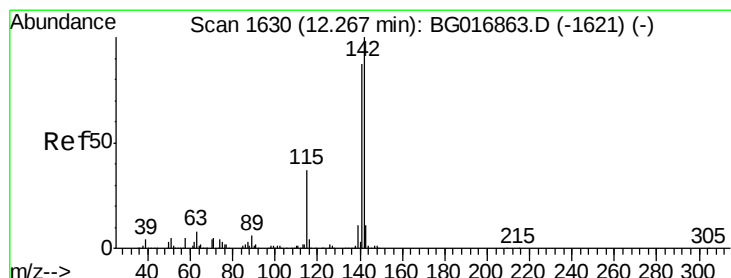
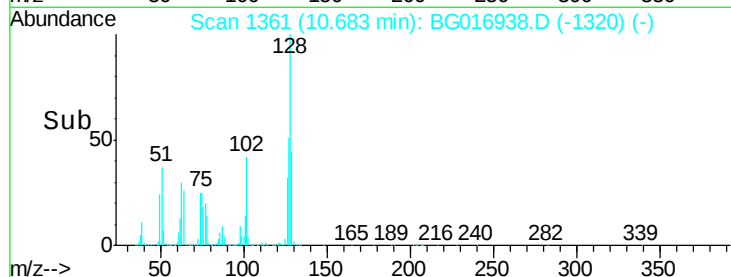
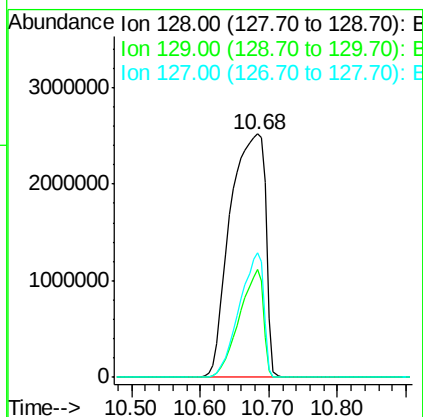
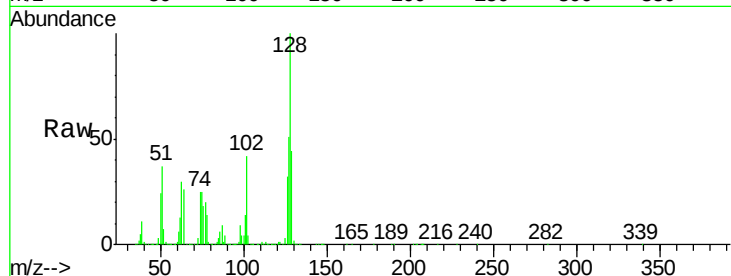
#31  
Naphthalene  
Concen: 505.11 ng  
RT: 10.68 min Scan# 1361  
Delta R.T. 0.04 min  
Lab File: BG016938.D  
Acq: 8 May 2015 1:53

Instrument :  
BNA\_G  
ClientSampleId :  
DBMW-03

Tot Ion:128 Resp: 9016471  
Ion Ratio Lower Upper  
128 100  
129 44.3 9.1 13.7#  
127 51.4 10.9 16.3#

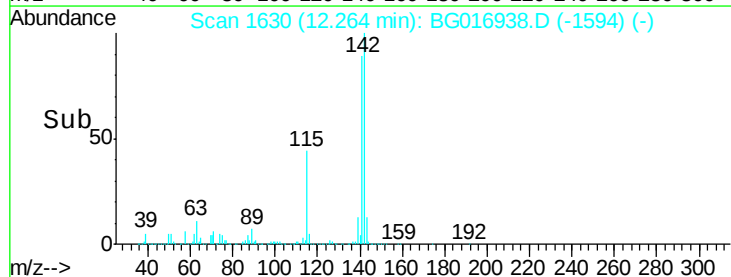
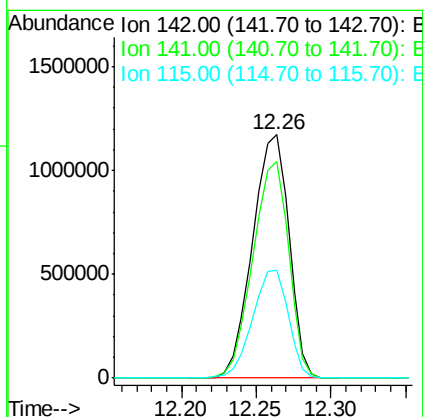
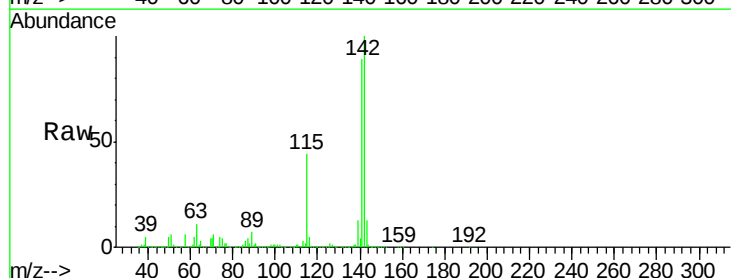
Manual Integrations  
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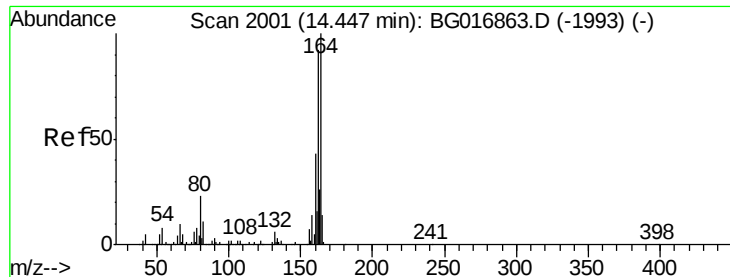
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#37  
2-Methylnaphthalene  
Concen: 145.67 ng  
RT: 12.26 min Scan# 1630  
Delta R.T. 0.01 min  
Lab File: BG016938.D  
Acq: 8 May 2015 1:53

Tgt Ion:142 Resp: 1980573  
Ion Ratio Lower Upper  
142 100  
141 89.1 69.9 104.9  
115 44.3 29.8 44.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.44 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BG016938.D

Acq: 8 May 2015 1:53

Instrument :

BNA\_G

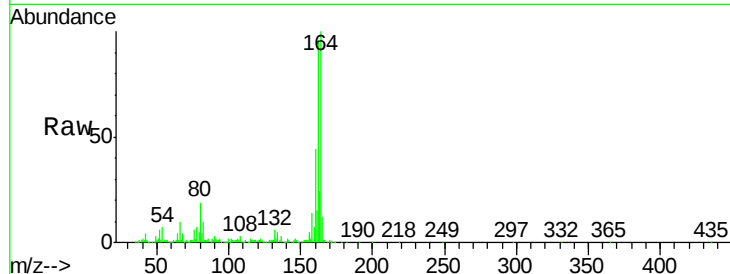
ClientSampleId :

DBMW-03

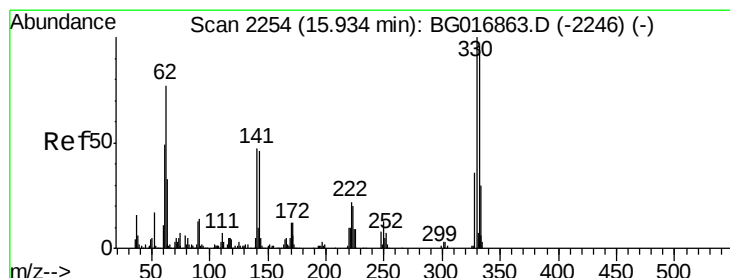
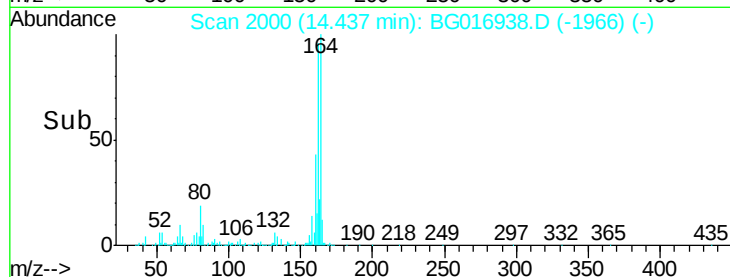
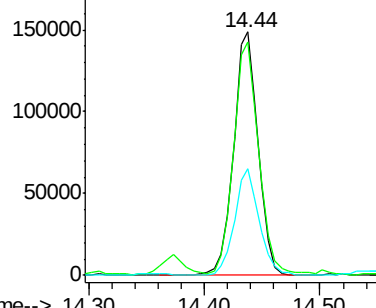
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 219689 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 96.1  | 74.0  | 111.0  |
| 160       | 43.7  | 34.7  | 52.1   |

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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: 155.43 ng

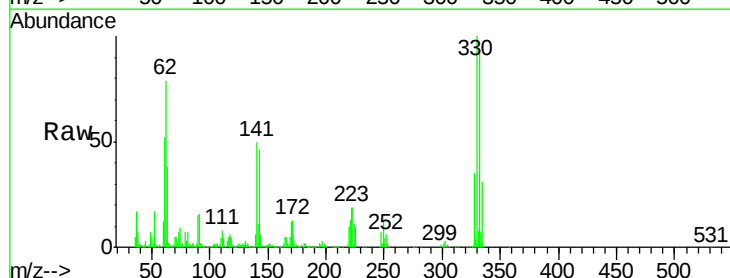
RT: 15.92 min Scan# 2253

Delta R.T. -0.00 min

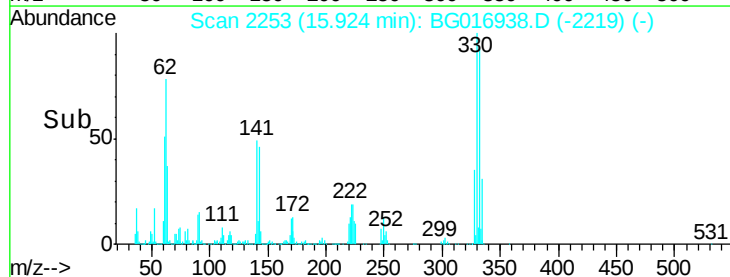
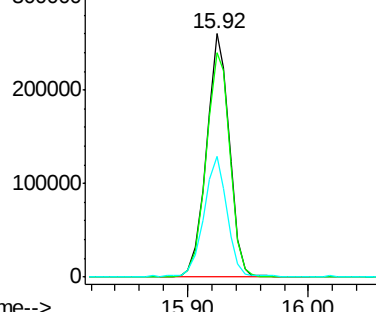
Lab File: BG016938.D

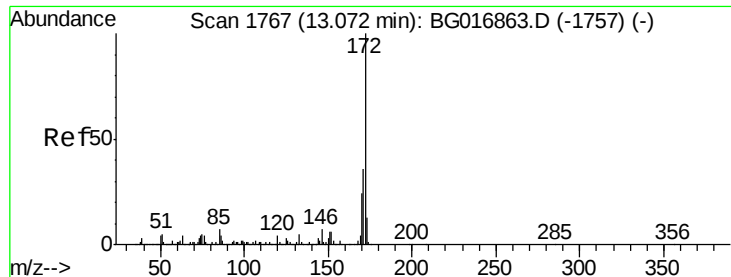
Acq: 8 May 2015 1:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 342805 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.7  | 0.0   | 0.0#   |
| 141       | 50.5  | 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: 86.23 ng

RT: 13.06 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BG016938.D

Acq: 8 May 2015 1:53

Instrument :

BNA\_G

ClientSampleId :

DBMW-03

Tot Ion:172 Resp: 1255413

Ion Ratio Lower Upper

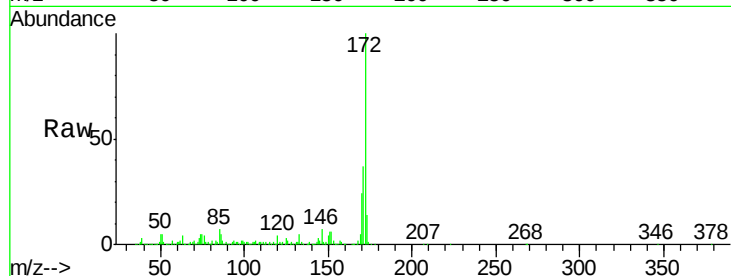
172 100

171 36.7 29.0 43.4

170 24.0 19.0 28.4

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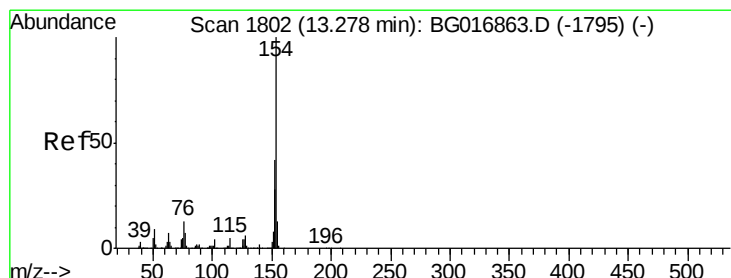
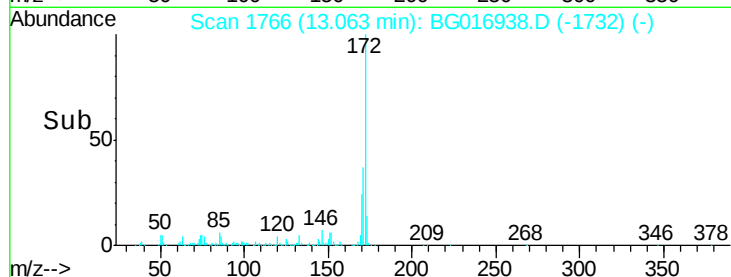
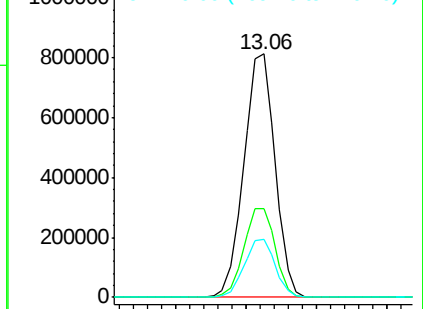
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 33.92 ng

RT: 13.27 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BG016938.D

Acq: 8 May 2015 1:53

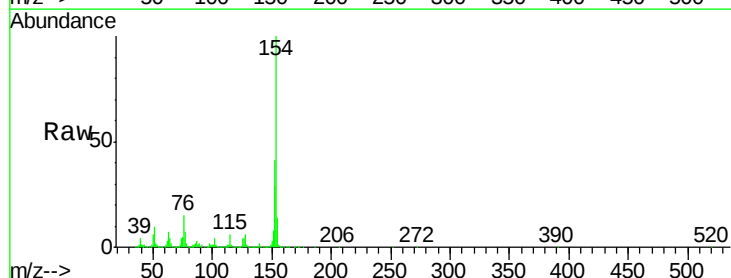
Tgt Ion:154 Resp: 533451

Ion Ratio Lower Upper

154 100

153 40.6 22.0 62.0

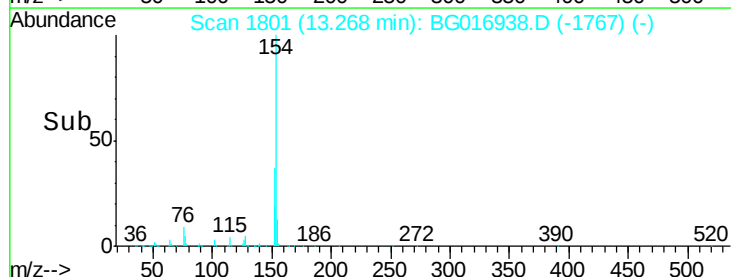
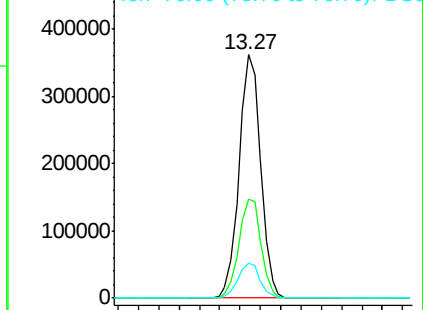
76 14.5 0.0 33.3

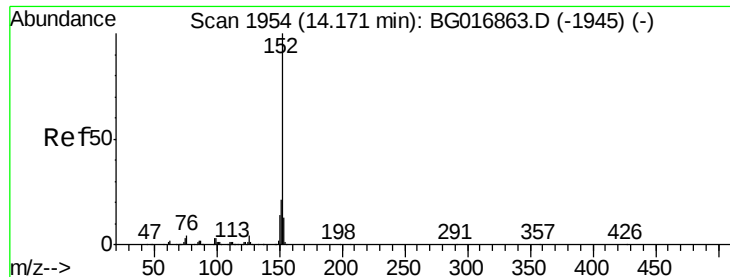


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#48

Acenaphthylene

Concen: 81.73 ng

RT: 14.16 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG016938.D

Acq: 8 May 2015 1:53

Instrument :

BNA\_G

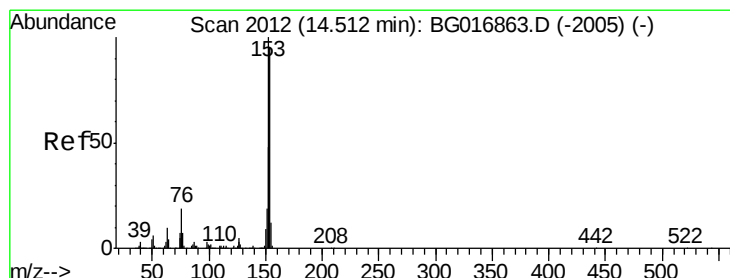
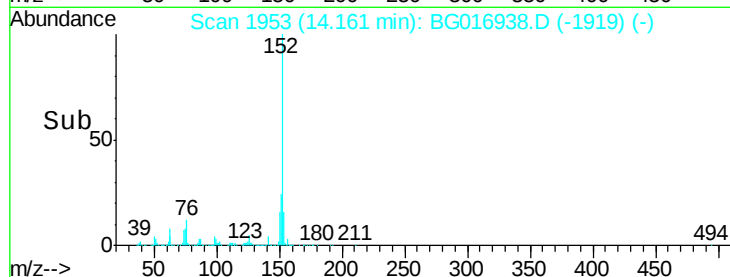
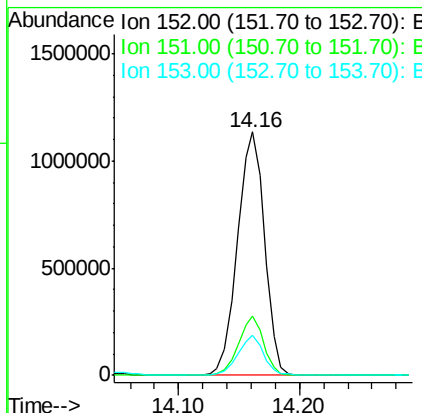
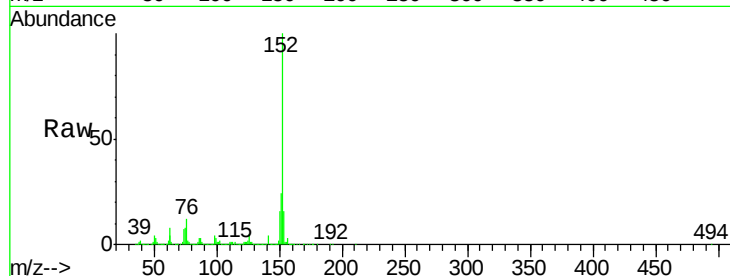
ClientSampleId :

DBMW-03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 24.1  | 17.0  | 25.4  |
| 153     | 16.2  | 10.7  | 16.1  |

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#51

Acenaphthene

Concen: 65.39 ng

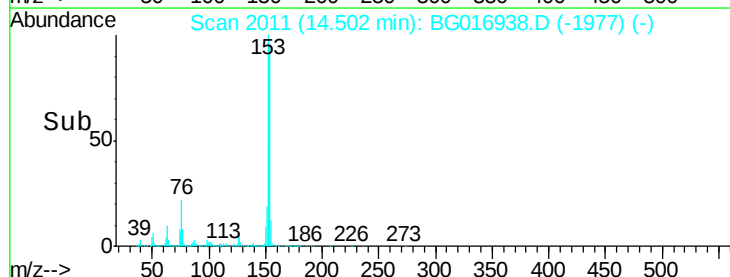
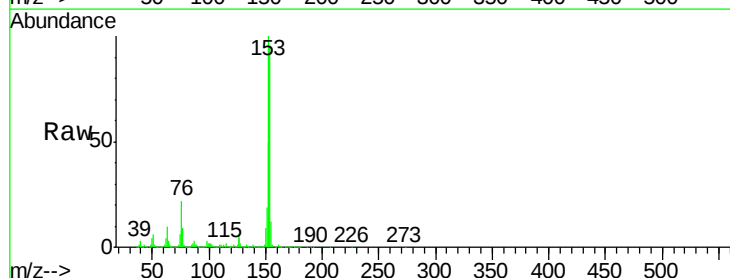
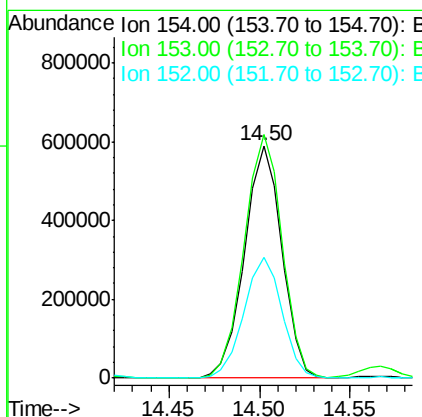
RT: 14.50 min Scan# 2011

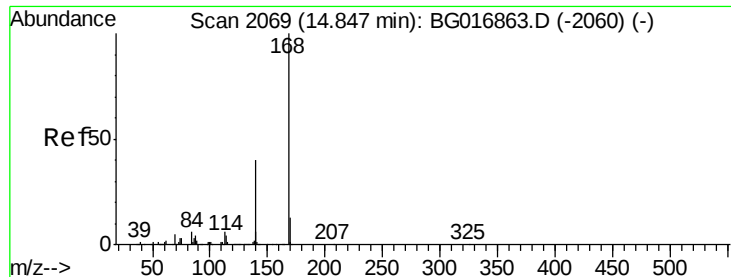
Delta R.T. -0.00 min

Lab File: BG016938.D

Acq: 8 May 2015 1:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 104.8 | 84.2  | 126.4 |
| 152     | 52.0  | 40.2  | 60.2  |





#54

Dibenzenofuran

Concen: 3.74 ng

RT: 14.83 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BG016938.D

Acq: 8 May 2015 1:53

Instrument :

BNA\_G

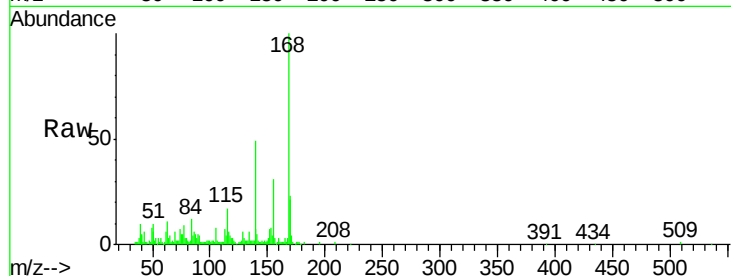
ClientSampleId :

DBMW-03

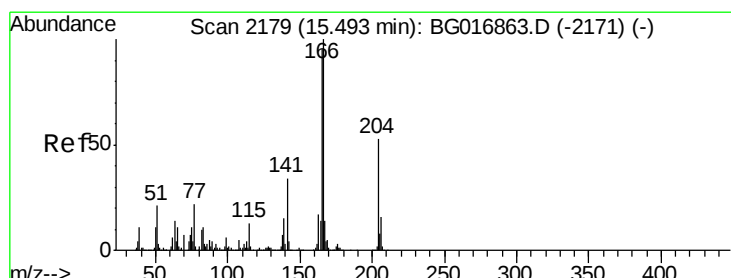
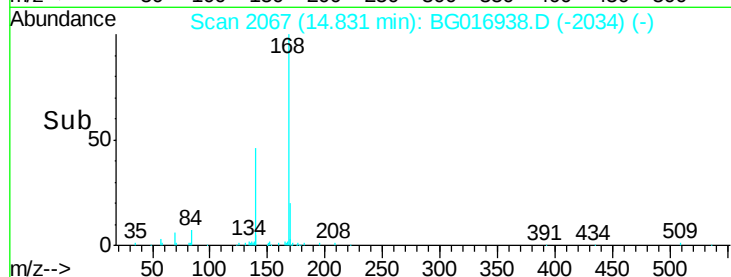
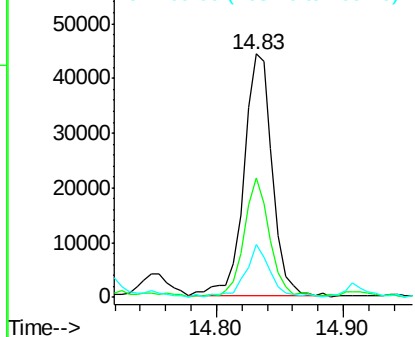
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 168   | Resp: | 68591 |
| Ion Ratio | Lower | Upper |       |
| 168       | 100   |       |       |
| 139       | 49.0  | 32.5  | 48.7# |
| 169       | 21.5  | 10.4  | 15.6# |

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Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 31.61 ng

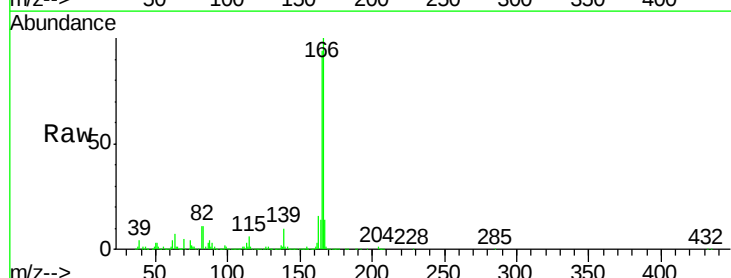
RT: 15.48 min Scan# 2178

Delta R.T. -0.00 min

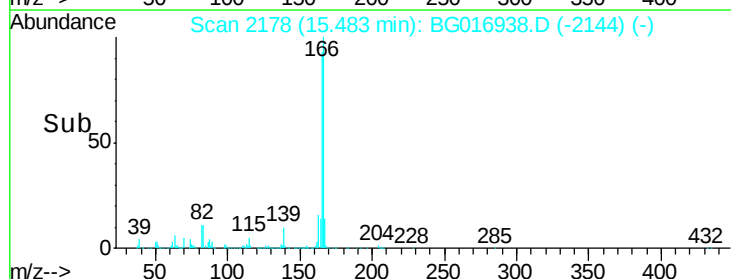
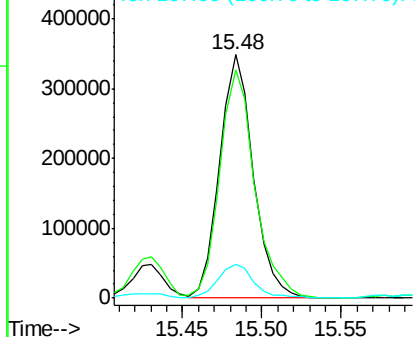
Lab File: BG016938.D

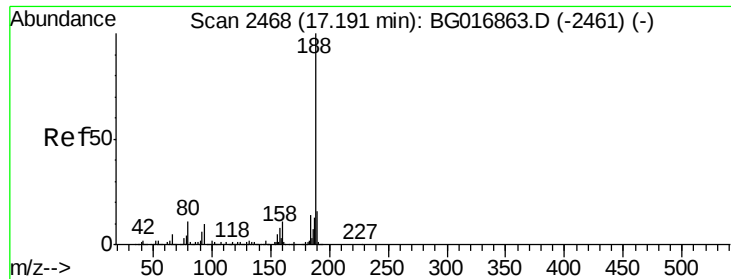
Acq: 8 May 2015 1:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 513033 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 93.9  | 76.1  | 114.1  |
| 167       | 14.1  | 11.4  | 17.2   |



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.18 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BG016938.D

Acq: 8 May 2015 1:53

Instrument :

BNA\_G

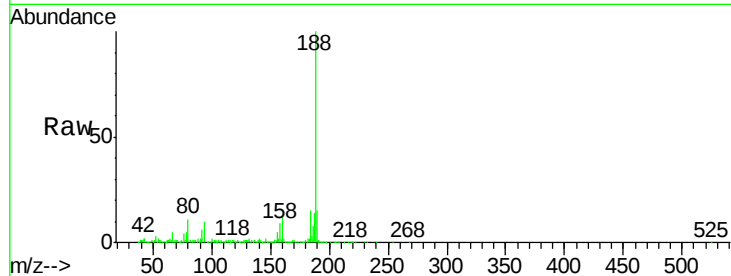
ClientSampleId :

DBMW-03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 451792 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 10.1  | 8.2   | 12.4   |
| 80        | 10.6  | 8.8   | 13.2   |

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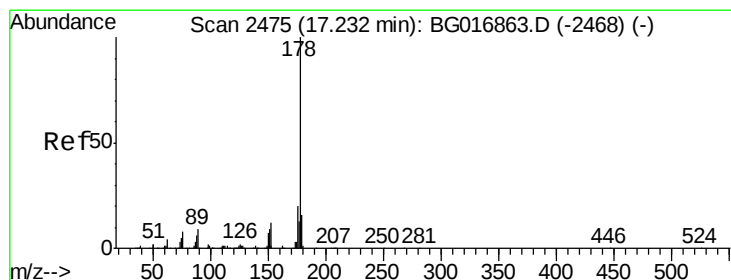
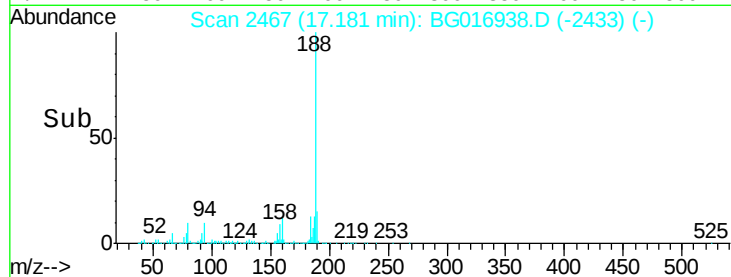
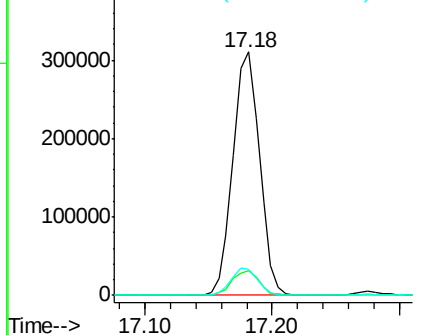
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#70

Phenanthrene

Concen: 42.08 ng

RT: 17.22 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BG016938.D

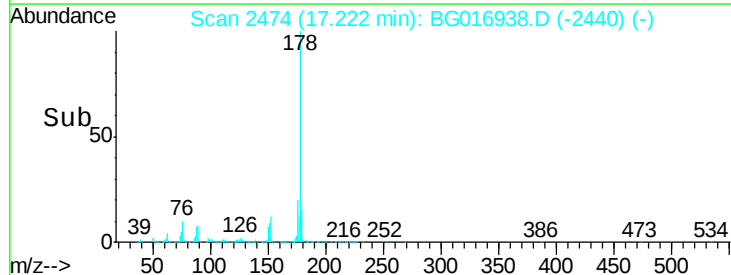
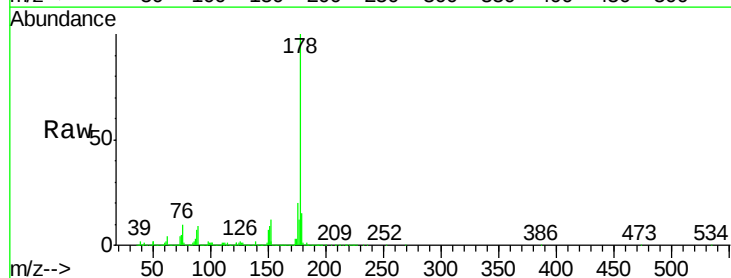
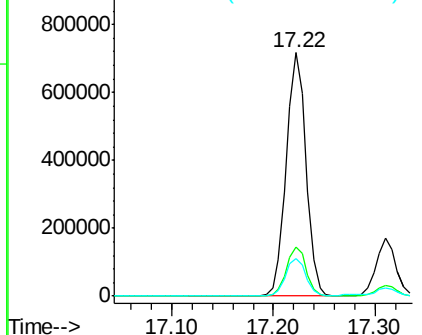
Acq: 8 May 2015 1:53

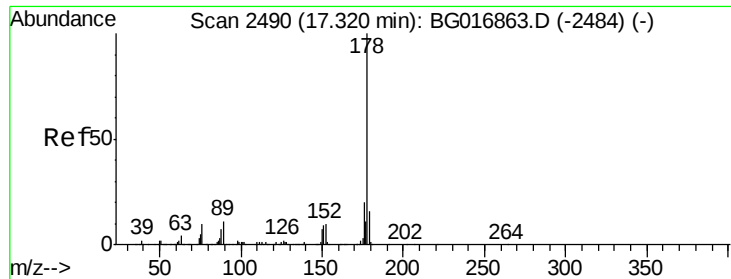
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 978314 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 20.0  | 16.0  | 24.0   |
| 179       | 15.2  | 13.0  | 19.6   |

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 9.57 ng

RT: 17.31 min Scan# 2489

Delta R.T. -0.01 min

Lab File: BG016938.D

Acq: 8 May 2015 1:53

Instrument :

BNA\_G

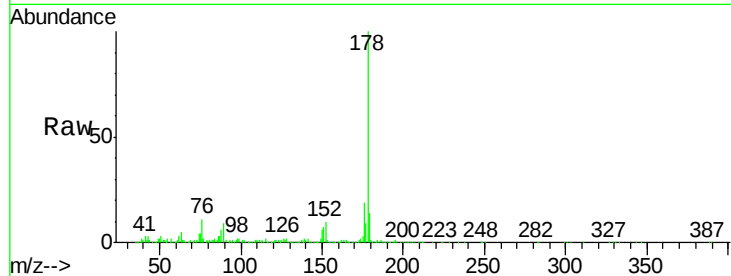
ClientSampleId :

DBMW-03

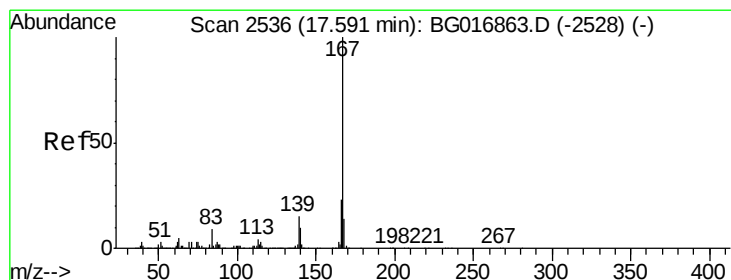
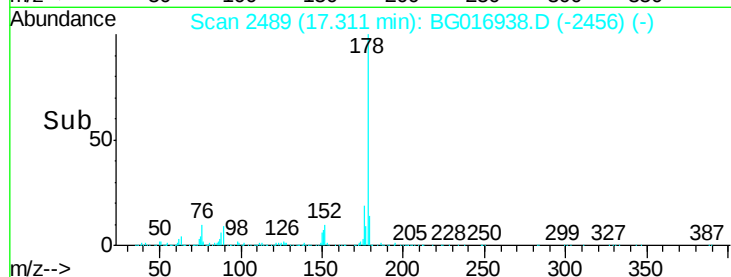
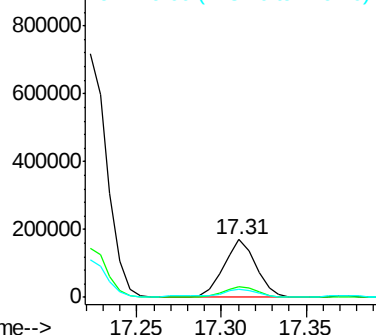
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 178   | Resp: | 224549 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 19.1  | 16.2  | 24.4   |
| 179       | 14.4  | 13.1  | 19.7   |

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Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 12.49 ng

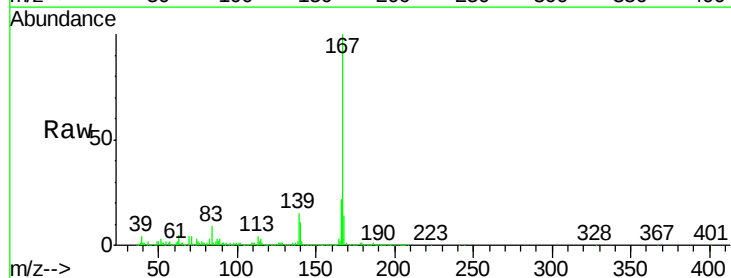
RT: 17.58 min Scan# 2535

Delta R.T. -0.00 min

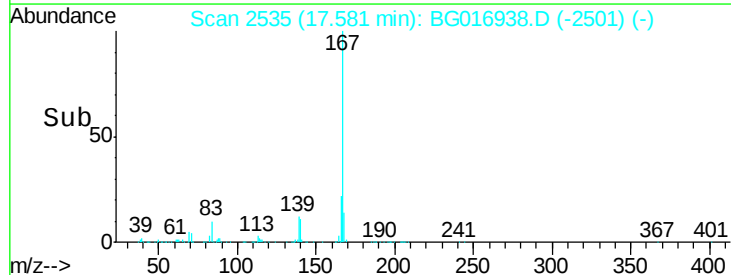
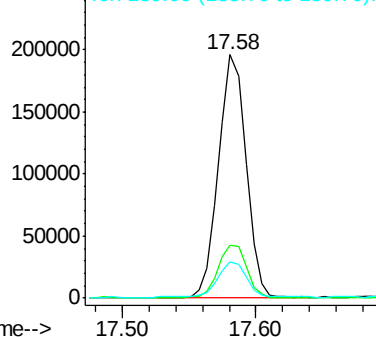
Lab File: BG016938.D

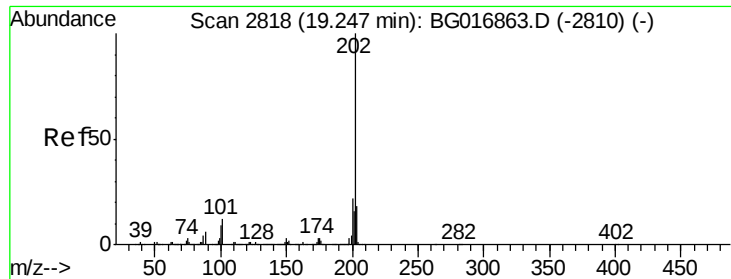
Acq: 8 May 2015 1:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 278525 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 21.8  | 18.4  | 27.6   |
| 139       | 14.8  | 12.2  | 18.4   |



Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 5.03 ng

RT: 19.24 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG016938.D

Acq: 8 May 2015 1:53

Instrument :

BNA\_G

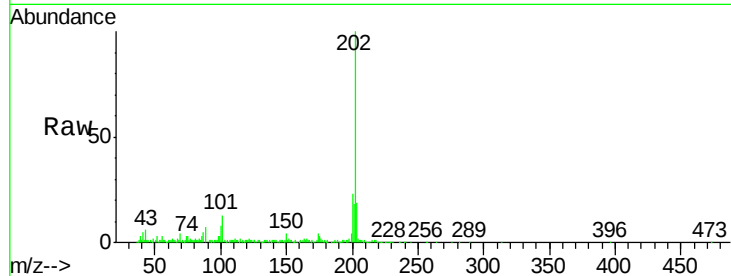
ClientSampled :

DBMW-03

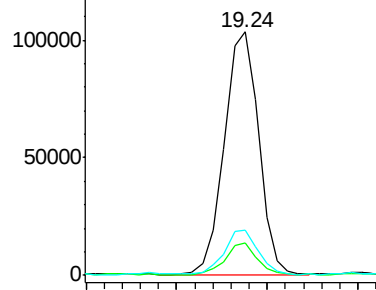
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 135689 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 13.3  | 0.0   | 31.5   |
| 203       | 18.5  | 0.0   | 38.1   |

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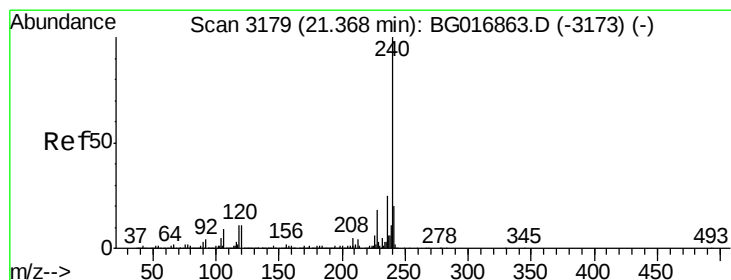
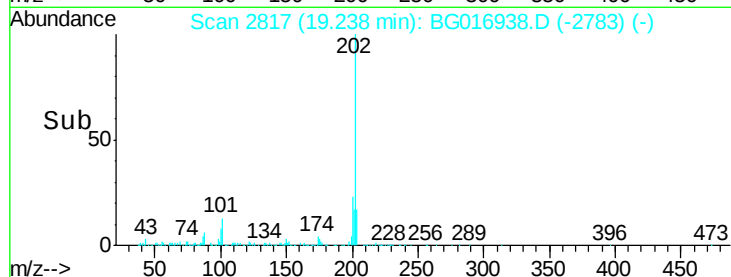
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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



Time--> 19.15 19.20 19.25



#75

Chrysene-d12

Concen: 20.00 ng

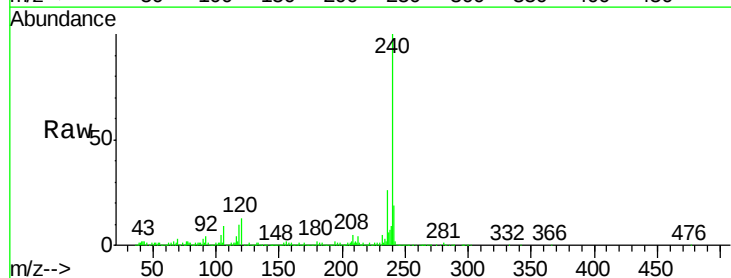
RT: 21.35 min Scan# 3177

Delta R.T. -0.01 min

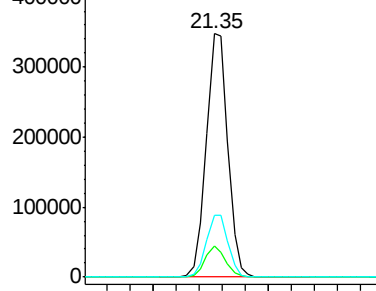
Lab File: BG016938.D

Acq: 8 May 2015 1:53

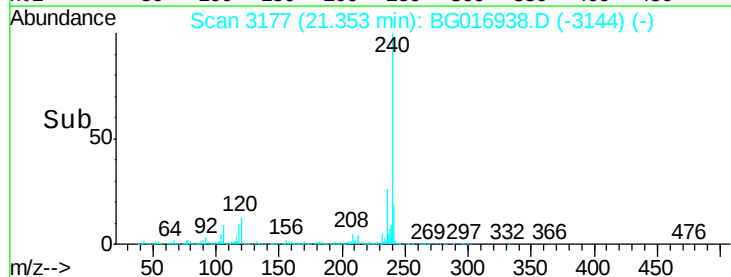
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 448892 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 13.0  | 9.1   | 13.7   |
| 236       | 25.7  | 20.2  | 30.4   |

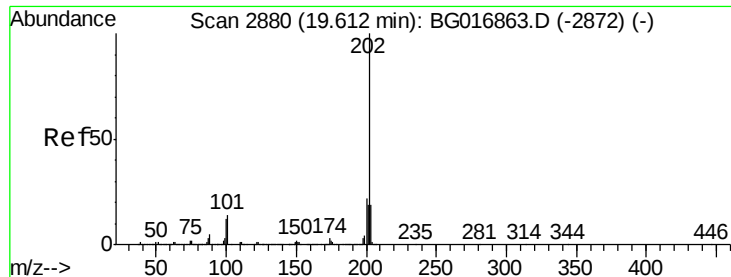


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



Time--> 21.30 21.40





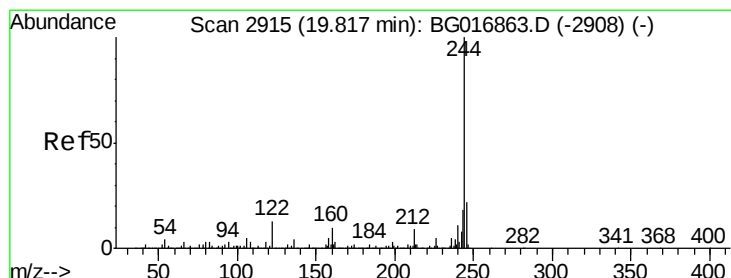
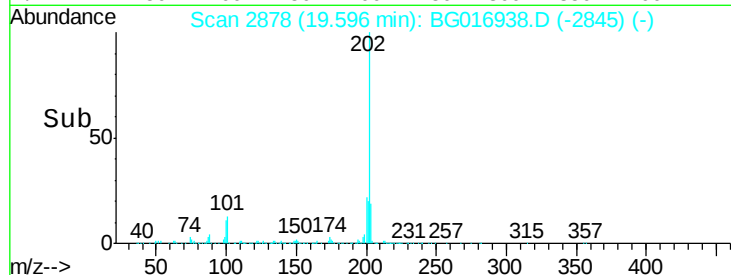
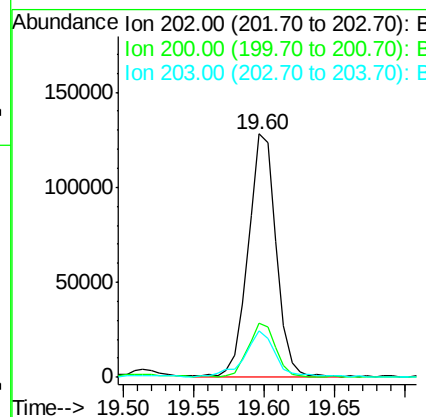
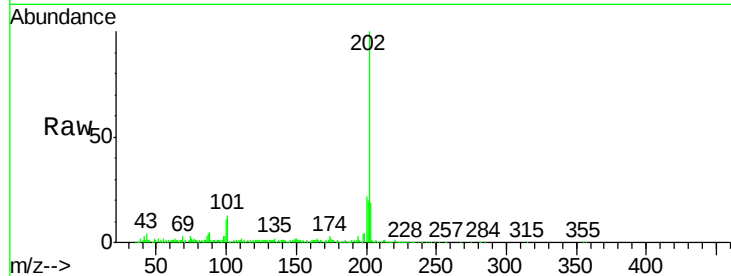
#77  
Pvrene  
Concen: 6.65 ng  
RT: 19.60 min Scan# 2878  
Delta R.T. -0.01 min  
Lab File: BG016938.D  
Acq: 8 May 2015 1:53

Instrument :  
BNA\_G  
ClientSampleId :  
DBMW-03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.4  | 17.9  | 26.9  |
| 203     | 19.3  | 15.2  | 22.8  |

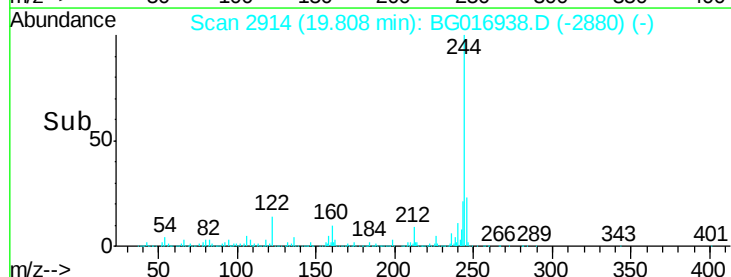
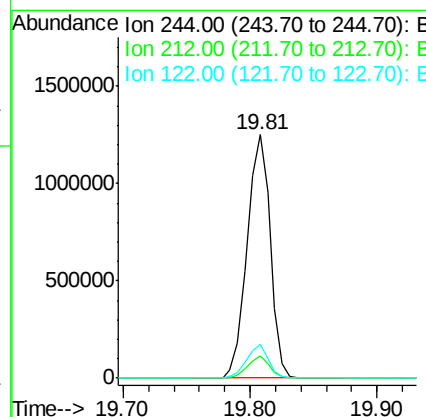
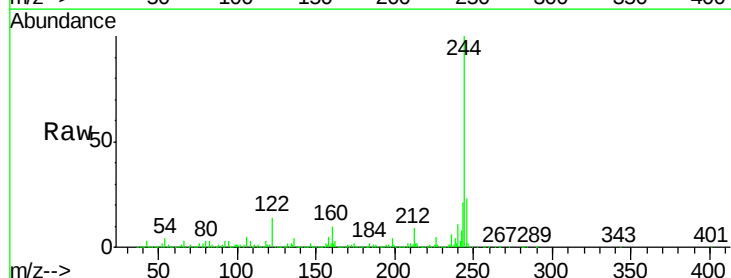
Manual Integrations  
APPROVED

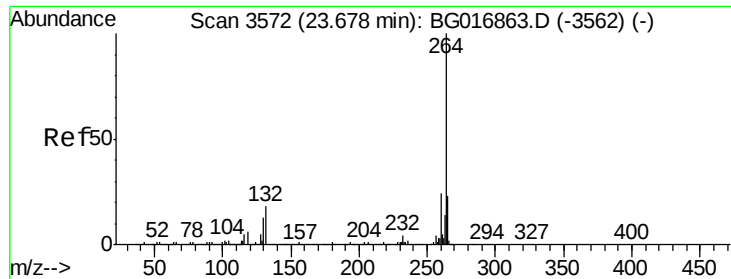
apatel  
5/8/2015 5:08:44 PM



#78  
Terphenyl-d14  
Concen: 82.41 ng  
RT: 19.81 min Scan# 2914  
Delta R.T. -0.00 min  
Lab File: BG016938.D  
Acq: 8 May 2015 1:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 9.2   | 7.0   | 10.6  |
| 122     | 13.9  | 10.4  | 15.6  |





#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 23.66 min Scan# 3570  
Delta R.T. -0.00 min  
Lab File: BG016938.D  
Acq: 8 May 2015 1:53

Instrument :  
BNA\_G  
ClientSampleId :  
DBMW-03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 444687 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 22.9  | 19.5  | 29.3   |
| 265       | 20.3  | 18.5  | 27.7   |

Manual Integrations  
APPROVED

apatel  
5/8/2015 5:08:44 PM

