

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM061915\  
 Data File : BM001768.D  
 Acq On : 19 Jun 2015 18:51  
 Operator : TP/IZ  
 Sample : SSTDCCC001  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001EC

Manual Integrations  
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 6/22/2015 2:47:17 PM

Quant Time: Jun 20 02:29:13 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SIM-BM061915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 19 05:05:14 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.66  | 152  | 18624    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8              | 10.46 | 136  | 68225    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10           | 14.32 | 164  | 33450    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10           | 17.06 | 188  | 84451    | 5.00 | ng    | 0.00     |
| 25) Chrysene-d12               | 21.25 | 240  | 48493    | 5.00 | ng    | 0.00     |
| 32) Perylene-d12               | 23.47 | 264  | 41262    | 5.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |      |       |          |
| 4) 2-Fluorophenol              | 5.25  | 112  | 4359     | 1.00 | ng    | 0.00     |
| 5) Phenol-d6                   | 6.83  | 99   | 5537     | 0.99 | ng    | 0.00     |
| 7) Nitrobenzene-d5             | 8.83  | 82   | 5259     | 0.99 | ng    | 0.00     |
| 13) 2,4,6-Tribromophenol       | 15.80 | 330  | 1088     | 1.04 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl           | 12.94 | 172  | 12044    | 1.01 | ng    | 0.00     |
| 27) Terphenyl-d14              | 19.70 | 244  | 7286     | 1.02 | ng    | 0.00     |
| Target Compounds               |       |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                 | 3.18  | 88   | 2117     | 1.00 | ng    | 98       |
| 3) n-Nitrosodimethylamine      | 3.48  | 42   | 3327     | 1.01 | ng    | 96       |
| 8) Nitrobenzene                | 8.87  | 77   | 5685     | 0.99 | ng    | 100      |
| 9) Naphthalene                 | 10.49 | 128  | 16539    | 0.99 | ng    | 100      |
| 10) Hexachlorobutadiene        | 10.78 | 225  | 2761     | 0.98 | ng    | 99       |
| 11) 2-Methylnaphthalene        | 12.12 | 142  | 10686    | 1.01 | ng    | 99       |
| 15) Acenaphthylene             | 14.03 | 152  | 15702    | 0.99 | ng    | 100      |
| 16) Acenaphthene               | 14.37 | 154  | 9779     | 0.98 | ng    | 100      |
| 17) Fluorene                   | 15.36 | 166  | 8972     | 1.05 | ng    | 99       |
| 19) 4-Bromophenyl-phenylether  | 16.24 | 248  | 3229     | 0.93 | ng    | 99       |
| 20) Hexachlorobenzene          | 16.38 | 284  | 2236     | 0.94 | ng    | # 100    |
| 21) Pentachlorophenol          | 16.72 | 266  | 1013     | 0.96 | ng    | 99       |
| 22) Phenanthrene               | 17.09 | 178  | 25238    | 0.87 | ng    | 98       |
| 23) Anthracene                 | 17.19 | 178  | 11975m   | 0.98 | ng    |          |
| 24) Fluoranthene               | 19.12 | 202  | 15816    | 0.87 | ng    | 100      |
| 26) Pyrene                     | 19.49 | 202  | 16543    | 0.98 | ng    | 100      |
| 28) Benzo(a)anthracene         | 21.24 | 228  | 13294    | 0.91 | ng    | 99       |
| 29) Chrysene                   | 21.28 | 228  | 14814    | 0.96 | ng    | 99       |
| 30) Bis(2-ethylhexyl)phthalate | 21.16 | 149  | 7321     | 0.87 | ng    | 99       |
| 31) Indeno(1,2,3-cd)pyrene     | 25.70 | 276  | 13711    | 0.93 | ng    | 99       |
| 33) Benzo(b)fluoranthene       | 22.80 | 252  | 13450    | 0.99 | ng    | 99       |
| 34) Benzo(k)fluoranthene       | 22.84 | 252  | 11698    | 0.97 | ng    | 99       |
| 35) Benzo(a)pyrene             | 23.37 | 252  | 11053    | 0.97 | ng    | 99       |
| 36) Dibenzo(a,h)anthracene     | 25.72 | 278  | 11044    | 0.98 | ng    | 100      |
| 37) Benzo(g,h,i)perylene       | 26.39 | 276  | 11570    | 0.97 | ng    | 100      |

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

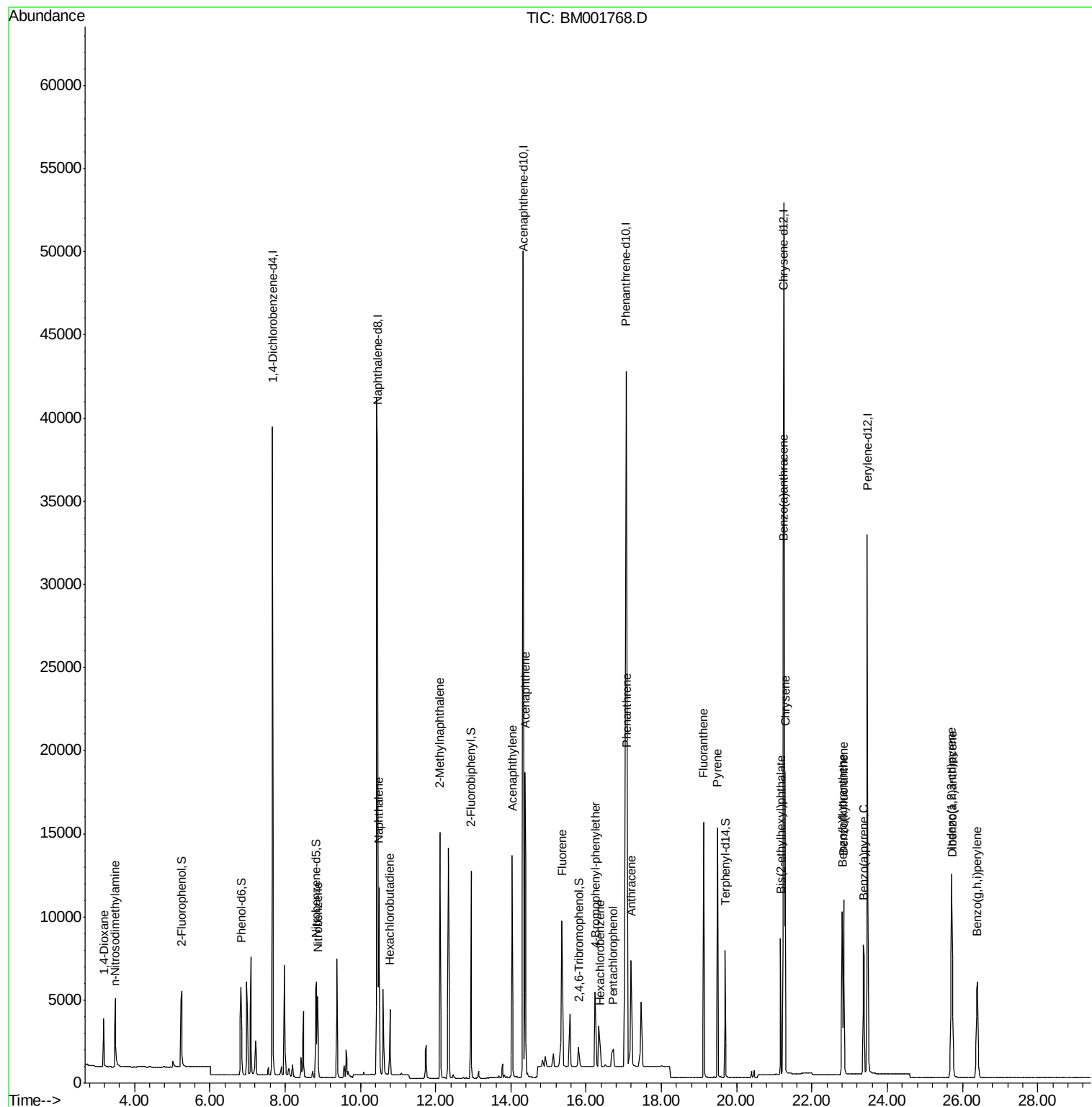
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM061915\  
Data File : BM001768.D  
Acq On : 19 Jun 2015 18:51  
Operator : TP/IZ  
Sample : SSTDCCC001  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

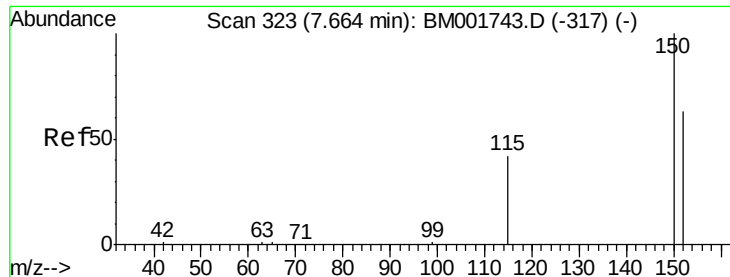
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

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Quant Time: Jun 20 02:29:13 2015  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SIM-BM061915.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 19 05:05:14 2015  
Response via : Initial Calibration





#1

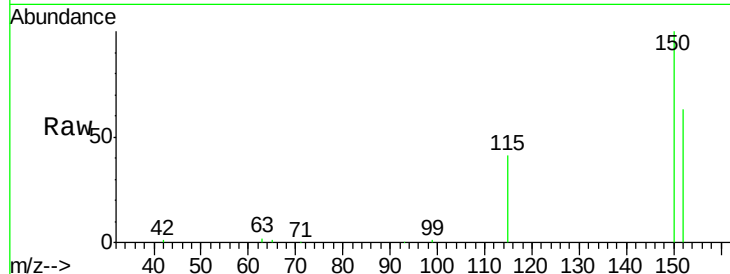
1,4-Dichlorobenzene-d4  
Concen: 5.00 ng  
RT: 7.66 min Scan# 323  
Delta R.T. 0.00 min  
Lab File: BM001768.D  
Acq: 19 Jun 2015 18:51

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.0 | 127.5 | 191.3 |
| 115     | 65.5  | 53.2  | 79.8  |

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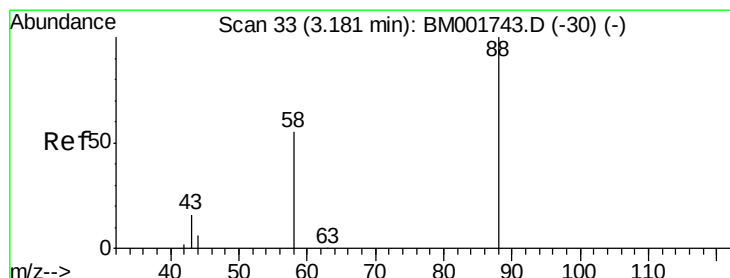
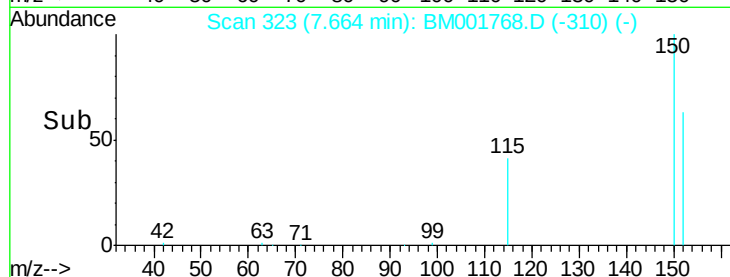
Abundance

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

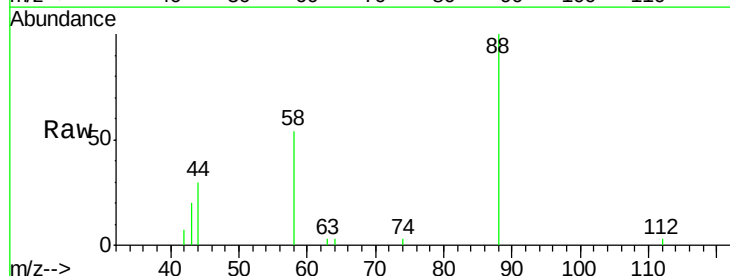
Time-->



#2

1,4-Dioxane  
Concen: 1.00 ng  
RT: 3.18 min Scan# 33  
Delta R.T. 0.00 min  
Lab File: BM001768.D  
Acq: 19 Jun 2015 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 87.9  | 68.3  | 102.5 |
| 43      | 41.1  | 32.6  | 48.8  |



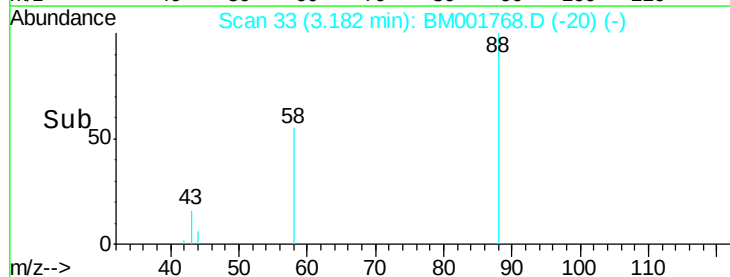
Abundance

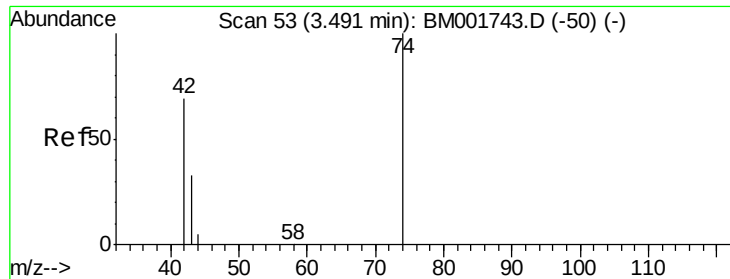
Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

Time-->





#3

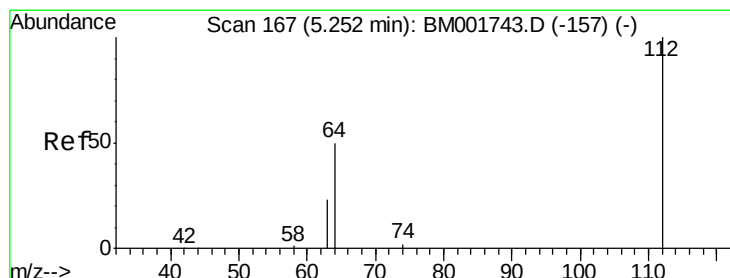
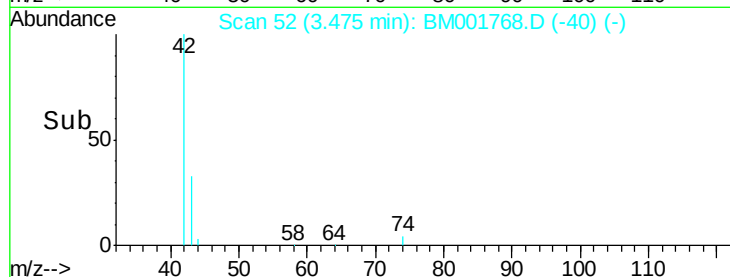
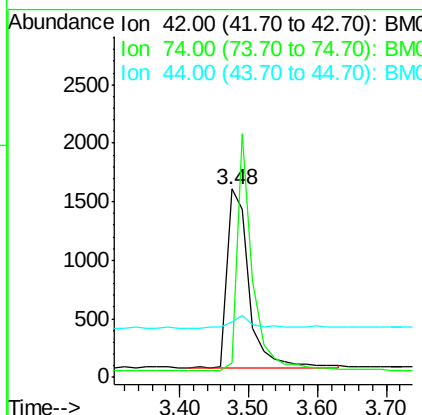
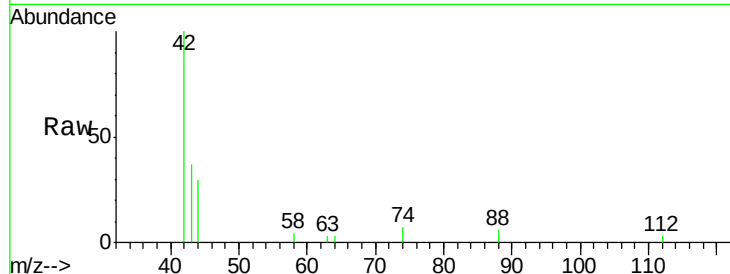
n-Nitrosodimethylamine  
Concen: 1.01 ng  
RT: 3.48 min Scan# 52  
Delta R.T. -0.02 min  
Lab File: BM001768.D  
Acq: 19 Jun 2015 18:51

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 94.8  | 78.6  | 118.0 |
| 44      | 7.2   | 5.0   | 7.6   |

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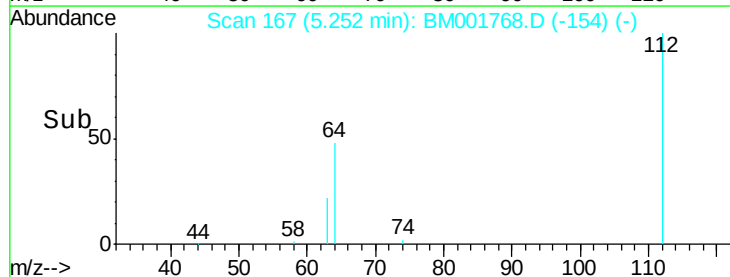
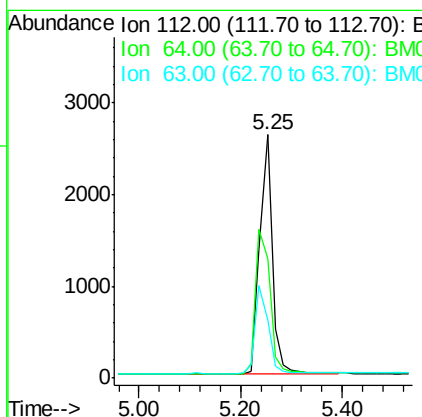
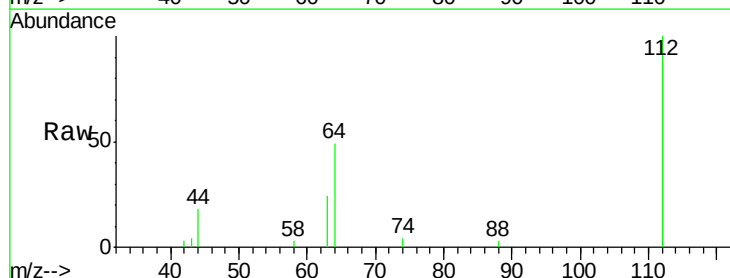
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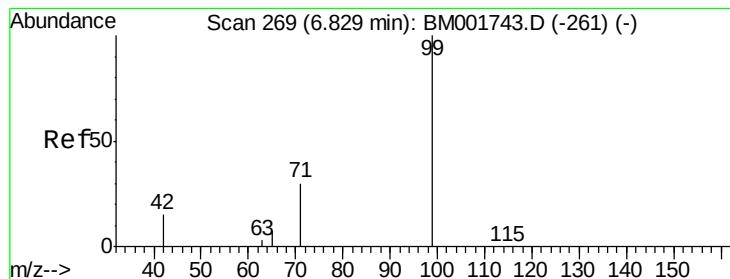


#4

2-Fluorophenol  
Concen: 1.00 ng  
RT: 5.25 min Scan# 167  
Delta R.T. 0.00 min  
Lab File: BM001768.D  
Acq: 19 Jun 2015 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 68.5  | 55.6  | 83.4  |
| 63      | 38.2  | 30.2  | 45.2  |





#5

Phenol-d6

Concen: 0.99 ng

RT: 6.83 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

Instrument :

BNA\_M

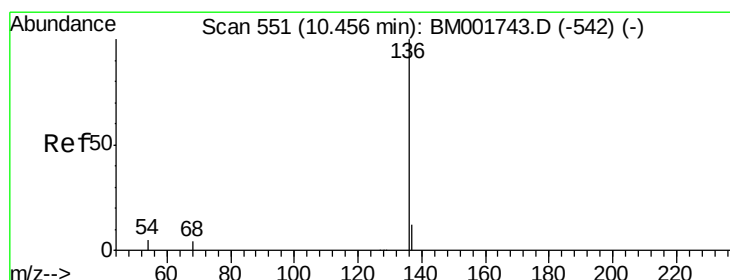
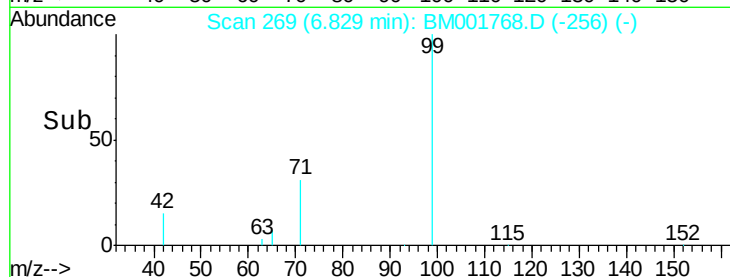
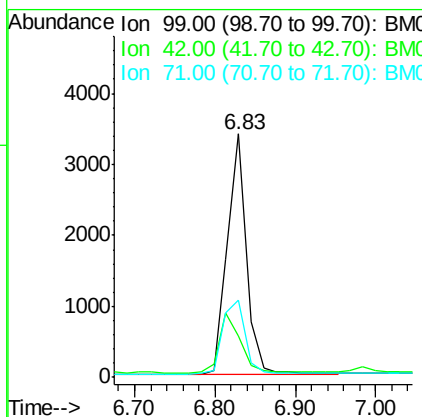
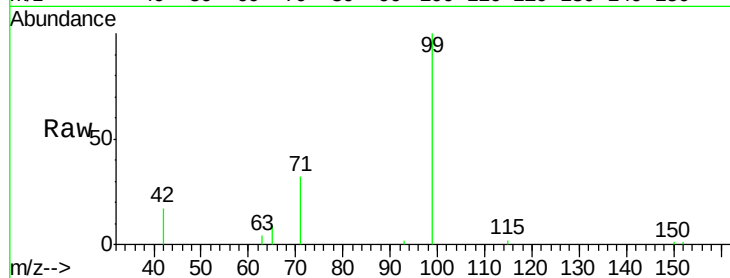
ClientSampleId :

SSTDCCC001EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 5537  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 27.2  | 21.4  | 32.0  |
| 71       | 36.3  | 28.3  | 42.5  |

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#6

Naphthalene-d8

Concen: 5.00 ng

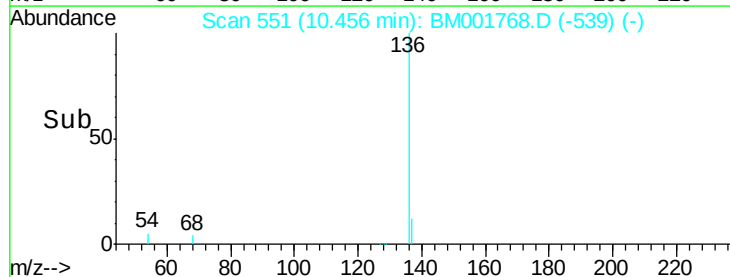
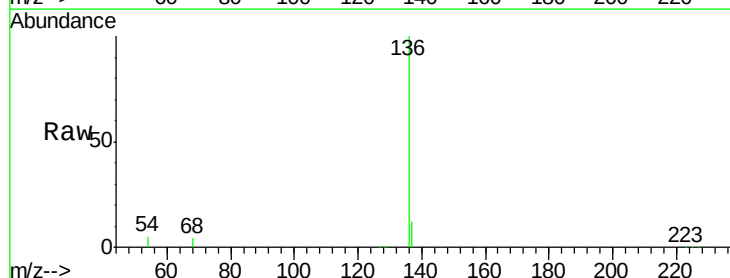
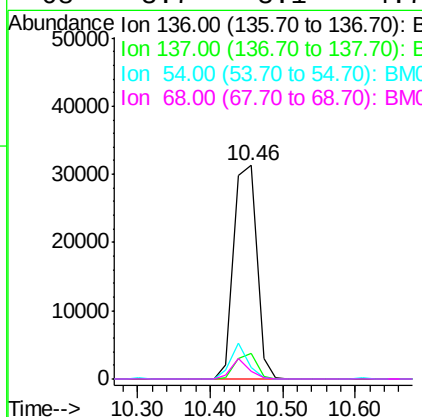
RT: 10.46 min Scan# 551

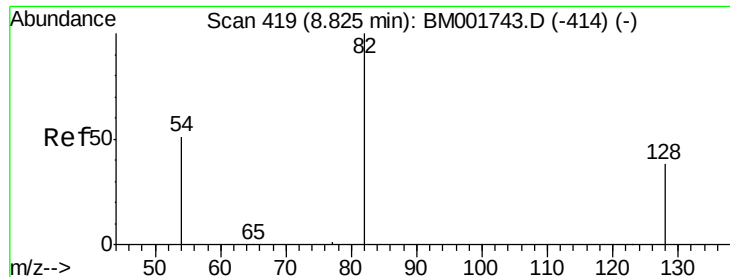
Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 68225 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.7  | 9.4   | 14.0  |
| 54       | 5.3   | 4.4   | 6.6   |
| 68       | 3.7   | 3.1   | 4.7   |





#7

Nitrobenzene-d5

Concen: 0.99 ng

RT: 8.83 min Scan# 419

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

Instrument :

BNA\_M

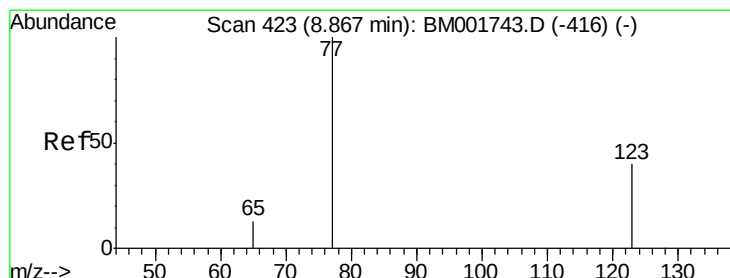
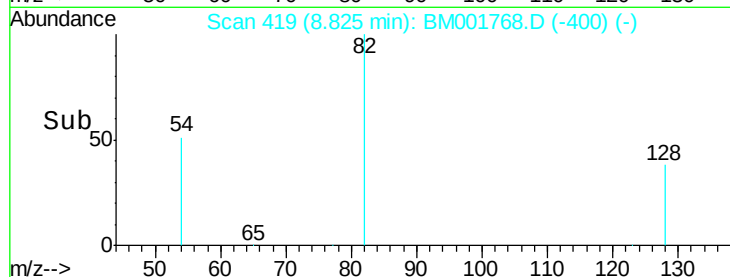
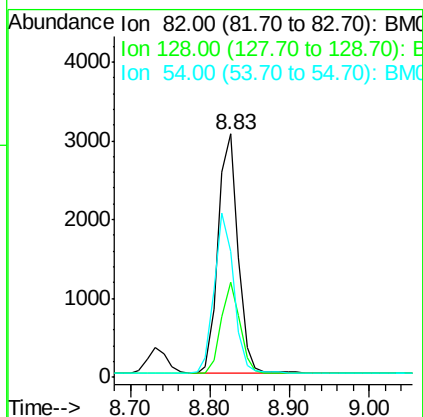
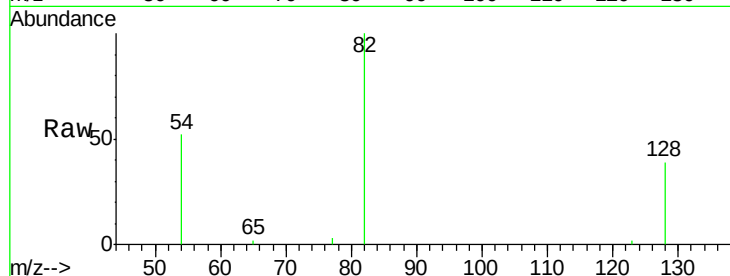
ClientSampleId :

SSTDCCC001EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 5259  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 38.8  | 31.3  | 46.9  |
| 54       | 51.5  | 41.9  | 62.9  |

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#8

Nitrobenzene

Concen: 0.99 ng

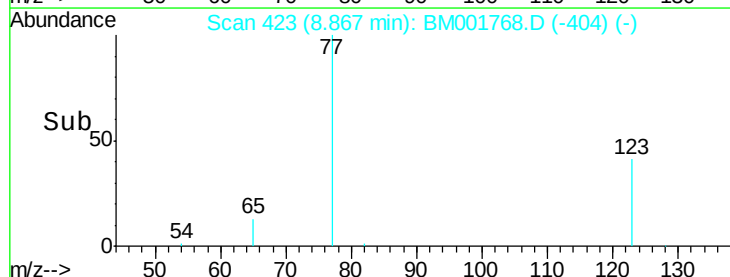
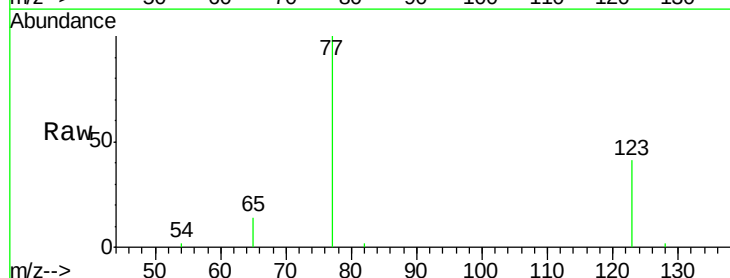
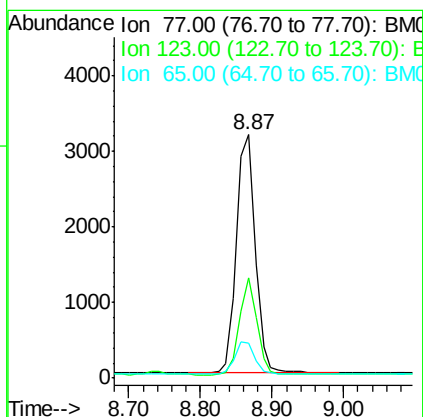
RT: 8.87 min Scan# 423

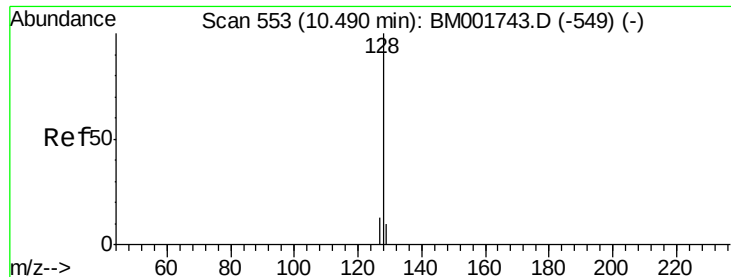
Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 5685  |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 123      | 37.7  | 30.1  | 45.1  |
| 65       | 14.2  | 11.3  | 16.9  |





#9

Naphthalene

Concen: 0.99 ng

RT: 10.49 min Scan# 553

Delta R.T. 0.00 min

Lab File: BM001768.D

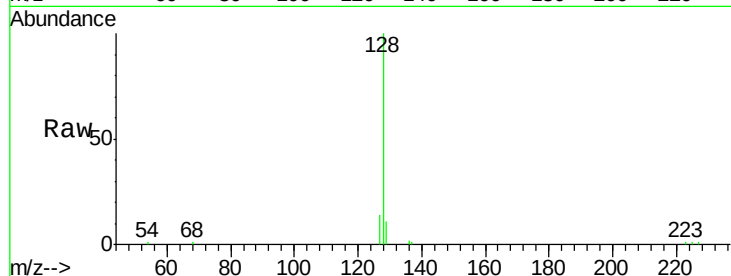
Acq: 19 Jun 2015 18:51

Instrument :

BNA\_M

ClientSampleId :

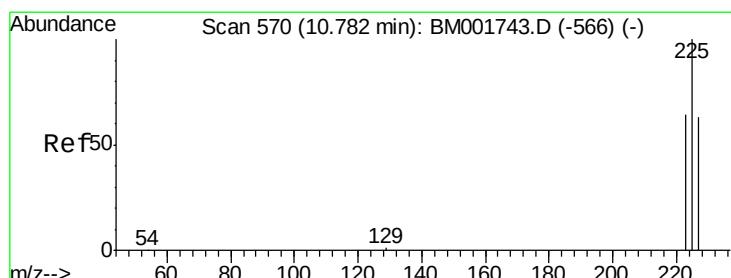
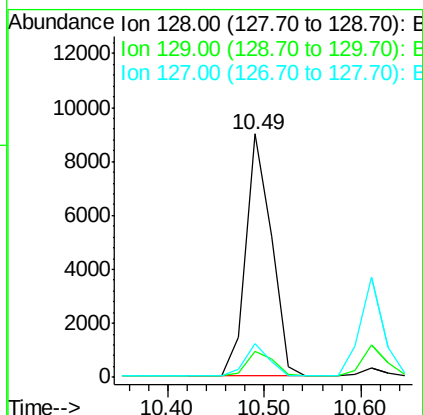
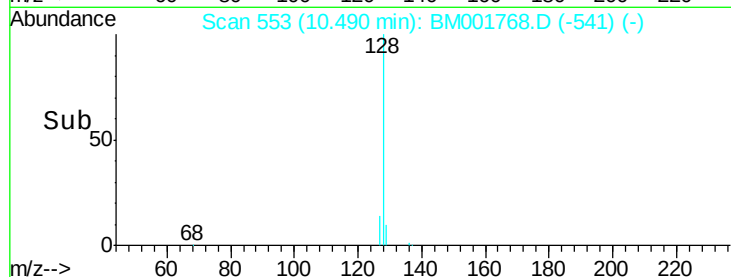
SSTDCCC001EC



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.8  | 8.7   | 13.1  |
| 127     | 14.0  | 11.2  | 16.8  |

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#10

Hexachlorobutadiene

Concen: 0.98 ng

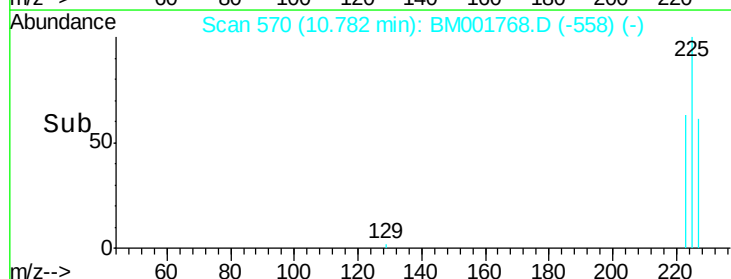
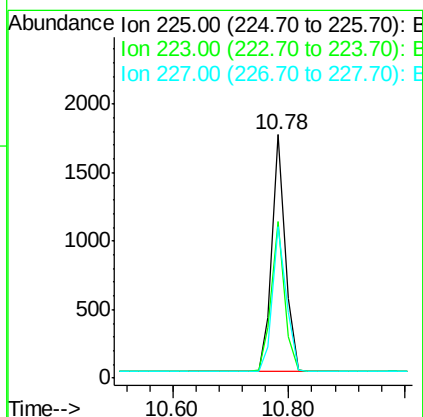
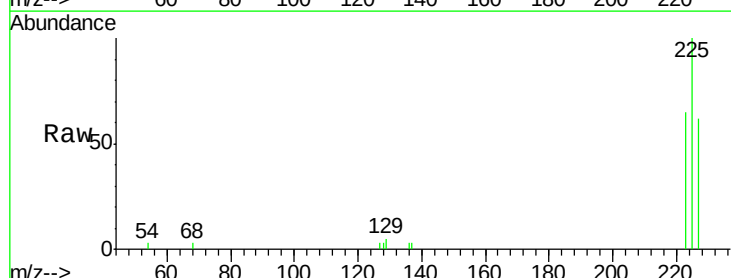
RT: 10.78 min Scan# 570

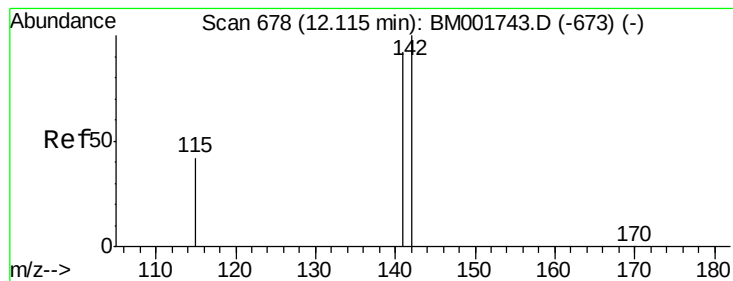
Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.3  | 51.0  | 76.4  |
| 227     | 63.4  | 51.8  | 77.8  |





#11

2-Methylnaphthalene

Concen: 1.01 ng

RT: 12.12 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM001768.D

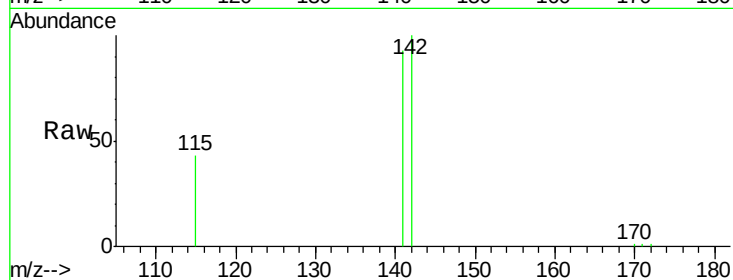
Acq: 19 Jun 2015 18:51

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC



Tgt Ion:142 Resp: 10686

Ion Ratio Lower Upper

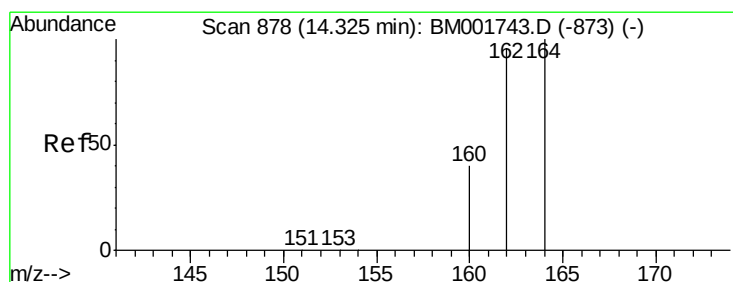
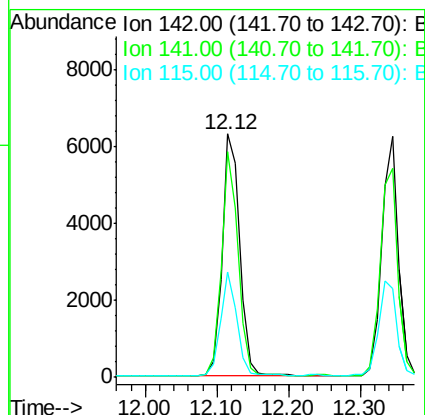
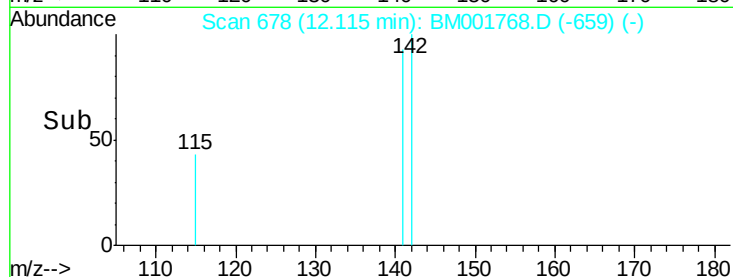
142 100

141 92.7 73.6 110.4

115 43.4 34.1 51.1

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#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.32 min Scan# 878

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

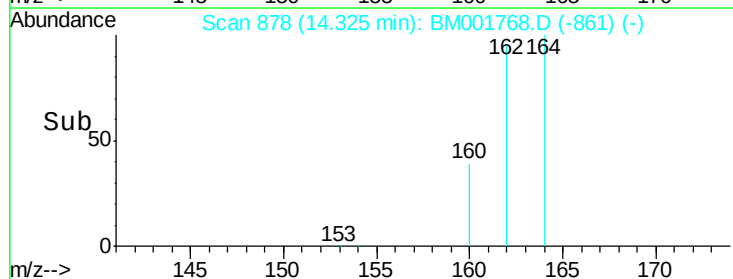
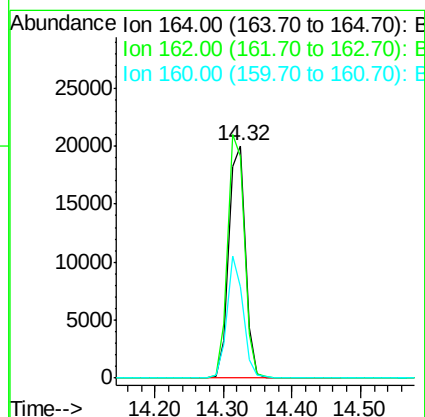
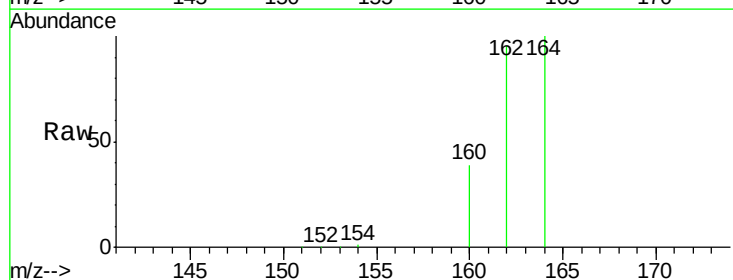
Tgt Ion:164 Resp: 33450

Ion Ratio Lower Upper

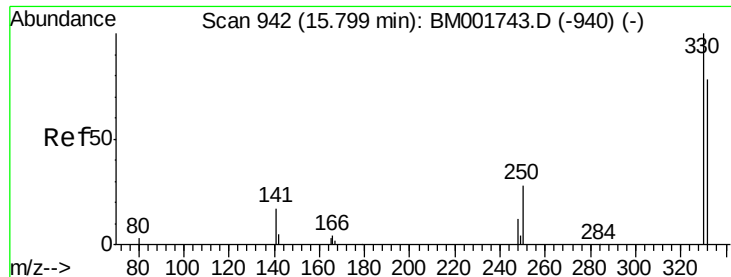
164 100

162 95.5 76.6 114.8

160 39.3 31.8 47.8







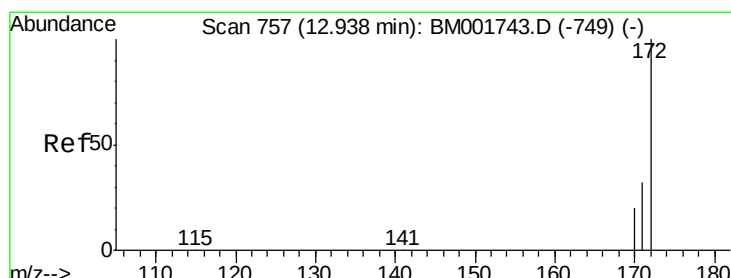
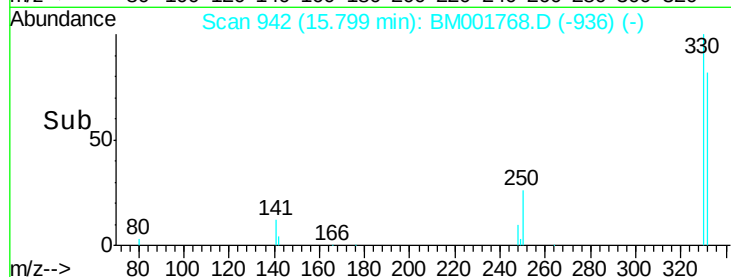
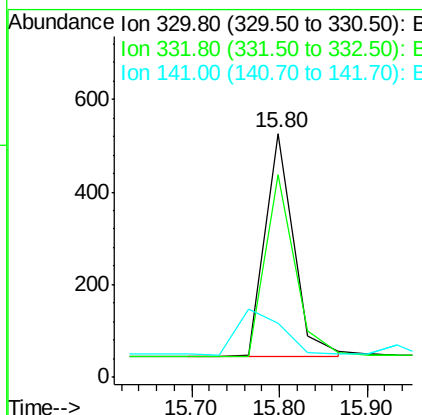
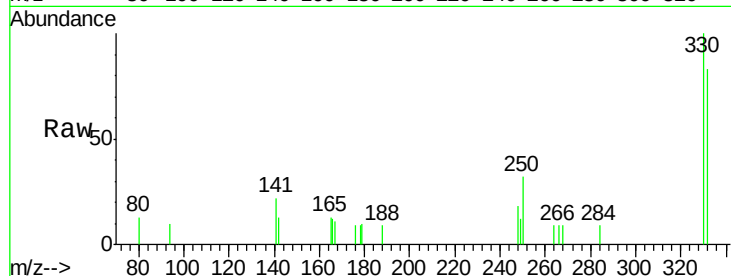
#13  
 2,4,6-Tribromophenol  
 Concen: 1.04 ng  
 RT: 15.80 min Scan# 942  
 Delta R.T. 0.00 min  
 Lab File: BM001768.D  
 Acq: 19 Jun 2015 18:51

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001EC

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   | 1088 |       |       |
| 332     | 85.2  | 65.8 | 98.8  |       |
| 141     | 0.0   | 0.0  | 0.0   |       |

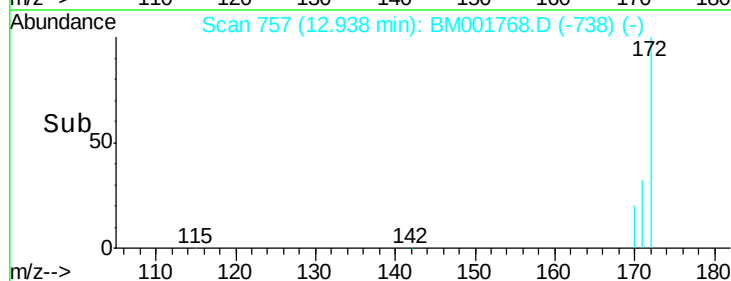
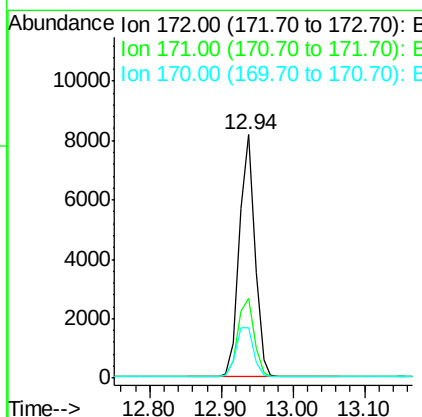
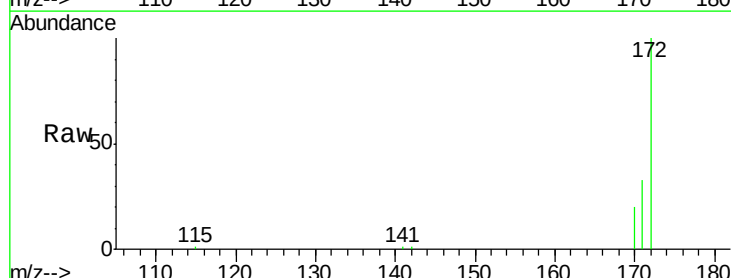
Manual Integrations  
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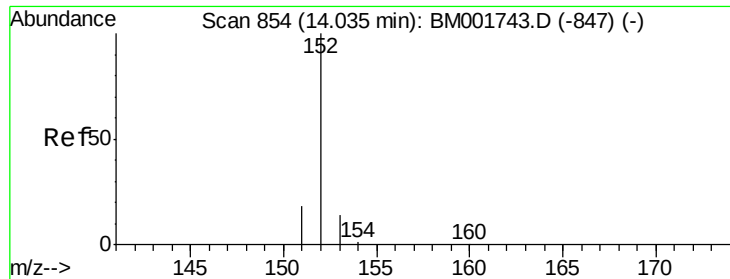
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#14  
 2-Fluorobiphenyl  
 Concen: 1.01 ng  
 RT: 12.94 min Scan# 757  
 Delta R.T. 0.00 min  
 Lab File: BM001768.D  
 Acq: 19 Jun 2015 18:51

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 172     | 100   | 12044 |       |       |
| 171     | 32.7  | 26.2  | 39.2  |       |
| 170     | 20.4  | 16.6  | 24.8  |       |





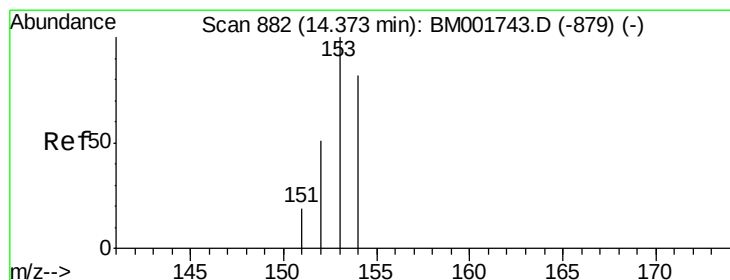
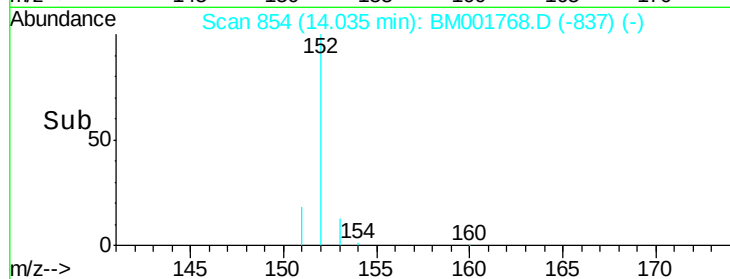
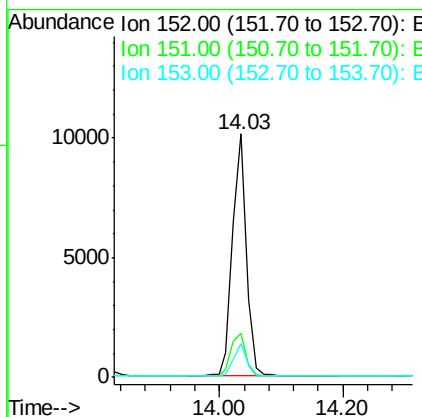
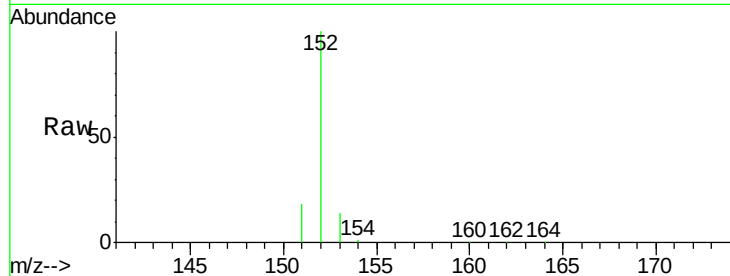
#15  
Acenaphthylene  
Concen: 0.99 ng  
RT: 14.03 min Scan# 854  
Delta R.T. 0.00 min  
Lab File: BM001768.D  
Acq: 19 Jun 2015 18:51

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.1  | 15.4  | 23.2  |
| 153     | 13.0  | 10.4  | 15.6  |

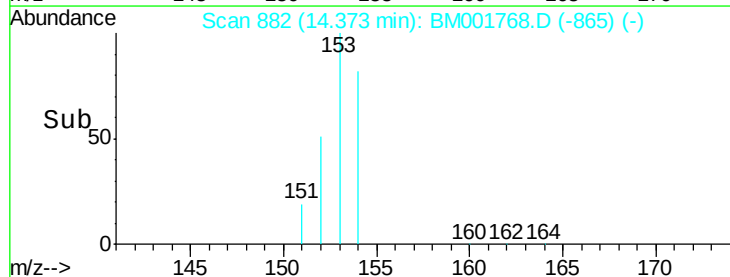
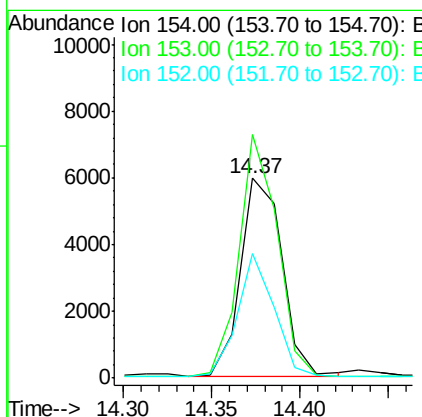
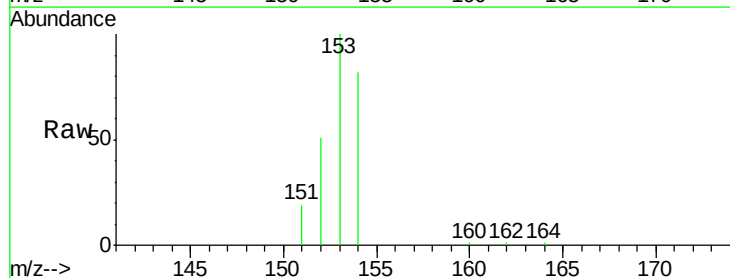
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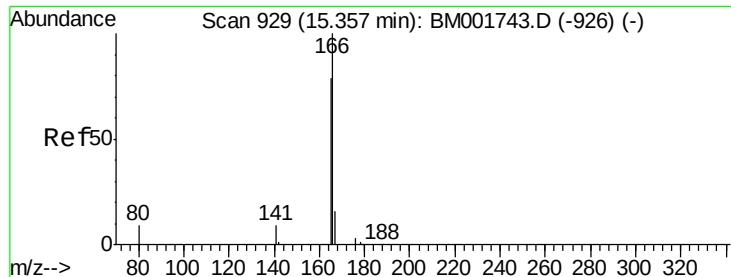
apatel  
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#16  
Acenaphthene  
Concen: 0.98 ng  
RT: 14.37 min Scan# 882  
Delta R.T. 0.00 min  
Lab File: BM001768.D  
Acq: 19 Jun 2015 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.5 | 90.0  | 135.0 |
| 152     | 55.1  | 44.2  | 66.4  |





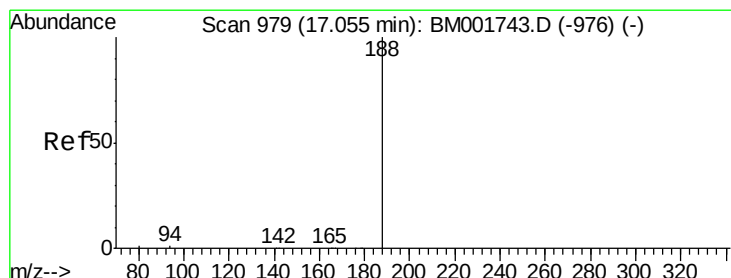
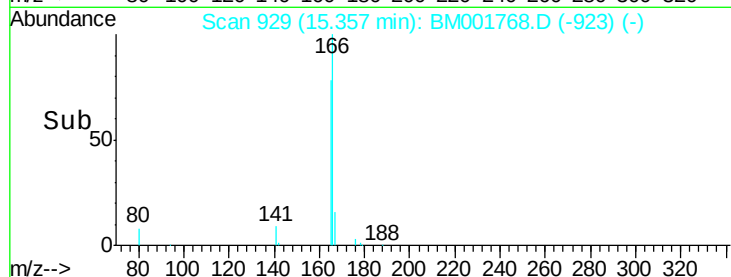
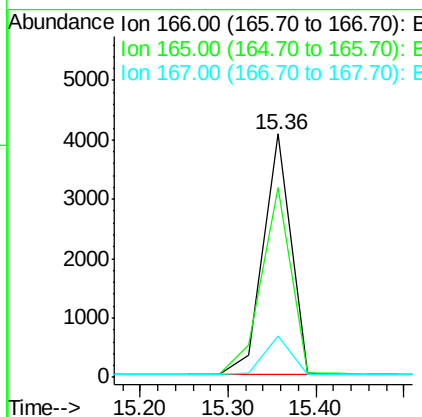
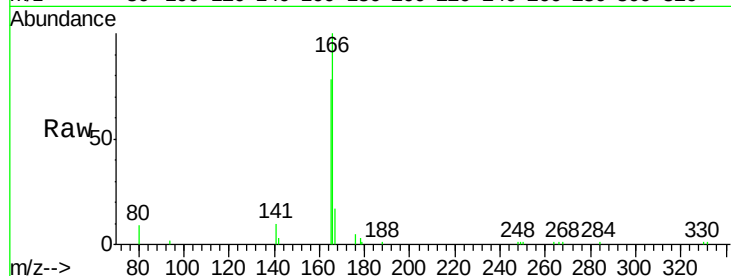
#17  
**Fluorene**  
 Concen: 1.05 ng  
 RT: 15.36 min Scan# 929  
 Delta R.T. 0.00 min  
 Lab File: BM001768.D  
 Acq: 19 Jun 2015 18:51

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 83.7  | 68.2  | 102.2 |
| 167     | 15.4  | 12.2  | 18.2  |

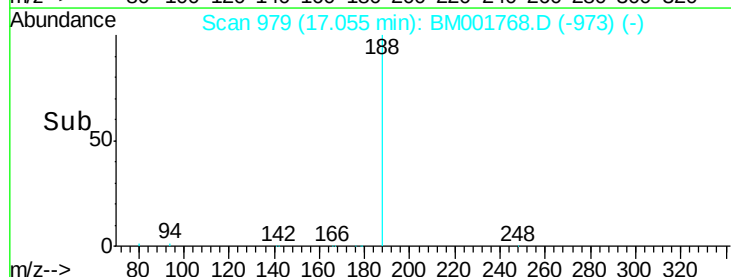
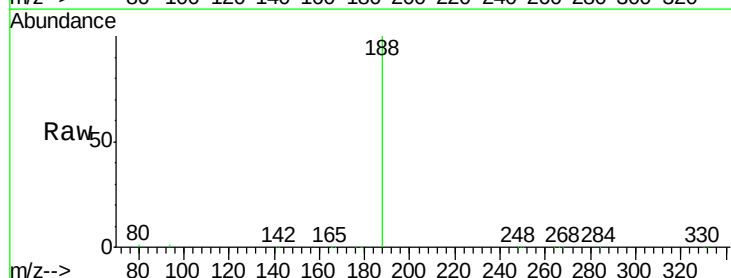
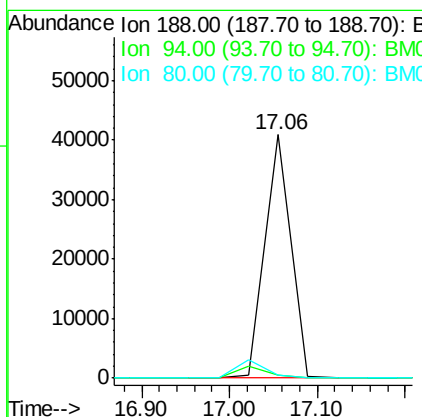
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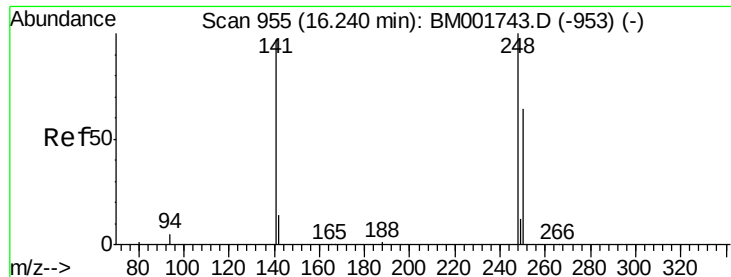
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#18  
**Phenanthrene-d10**  
 Concen: 5.00 ng  
 RT: 17.06 min Scan# 979  
 Delta R.T. 0.00 min  
 Lab File: BM001768.D  
 Acq: 19 Jun 2015 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 1.2   | 1.3   | 1.9#  |
| 80      | 1.0   | 1.0   | 1.6   |





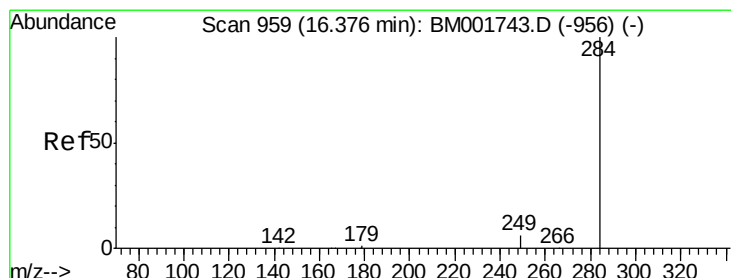
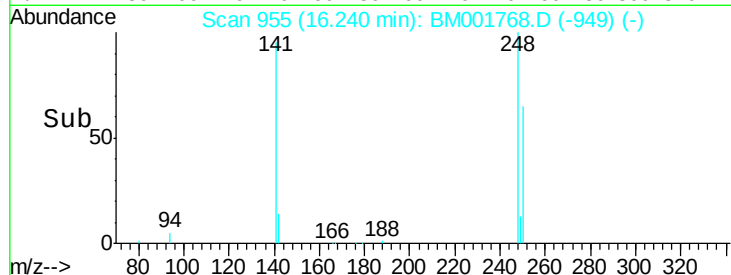
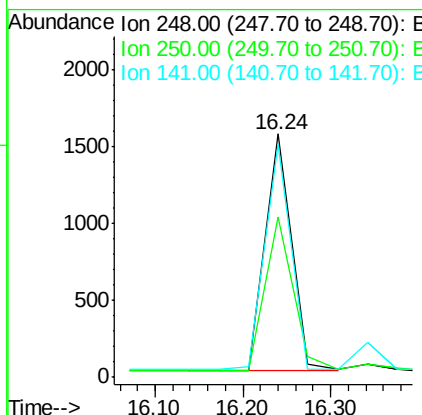
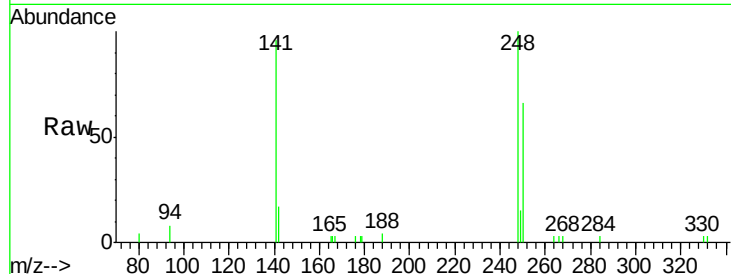
#19  
4-Bromophenyl-phenylether  
Concen: 0.93 ng  
RT: 16.24 min Scan# 955  
Delta R.T. 0.00 min  
Lab File: BM001768.D  
Acq: 19 Jun 2015 18:51

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 68.4  | 54.8  | 82.2  |
| 141     | 94.4  | 76.2  | 114.4 |

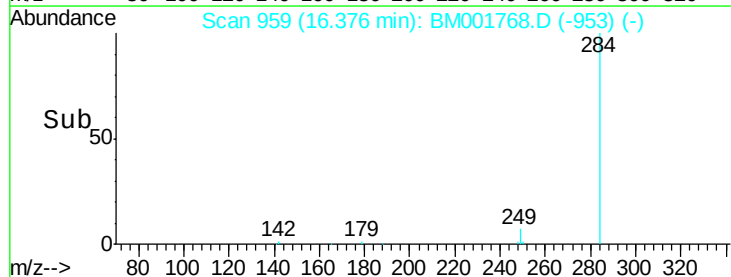
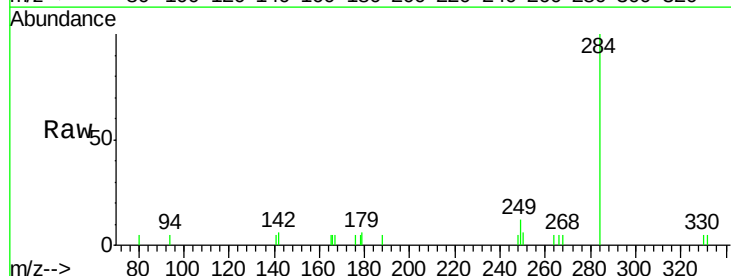
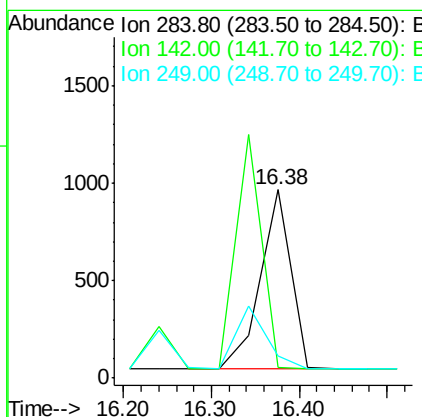
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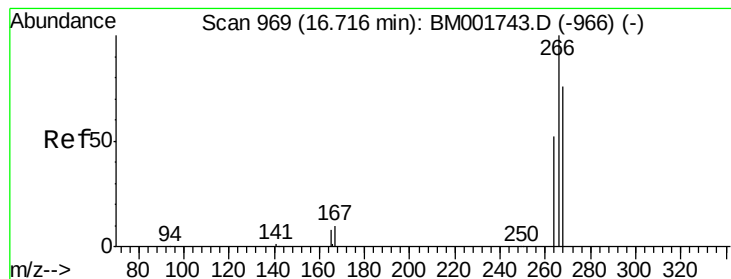
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#20  
Hexachlorobenzene  
Concen: 0.94 ng  
RT: 16.38 min Scan# 959  
Delta R.T. 0.00 min  
Lab File: BM001768.D  
Acq: 19 Jun 2015 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 0.0   | 0.0   | 0.0   |
| 249     | 0.0   | 0.0   | 0.0   |





#21

Pentachlorophenol

Concen: 0.96 ng

RT: 16.72 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001768.D

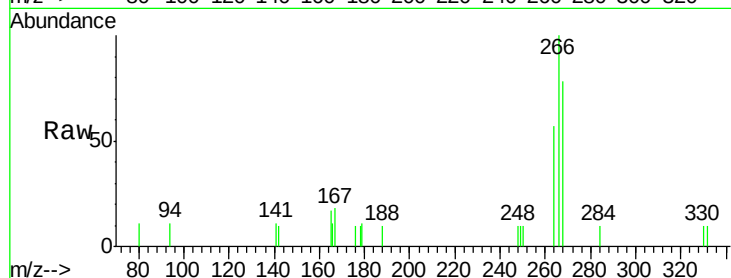
Acq: 19 Jun 2015 18:51

Instrument :

BNA\_M

ClientSampleId :

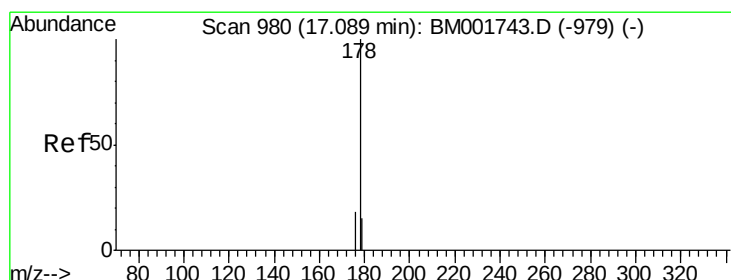
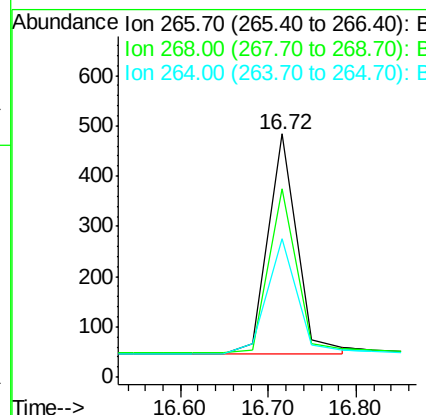
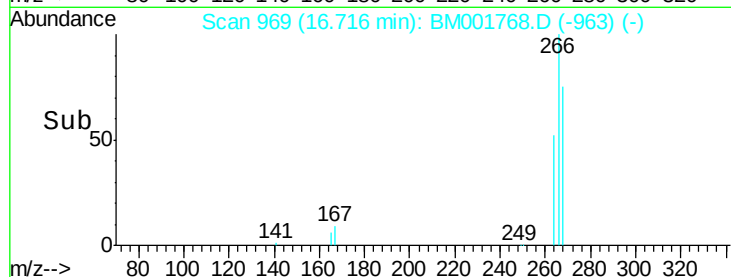
SSTDCCC001EC



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 1013 |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 268       | 77.7  | 63.2  | 94.8 |
| 264       | 56.8  | 46.2  | 69.2 |

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#22

Phenanthrene

Concen: 0.87 ng

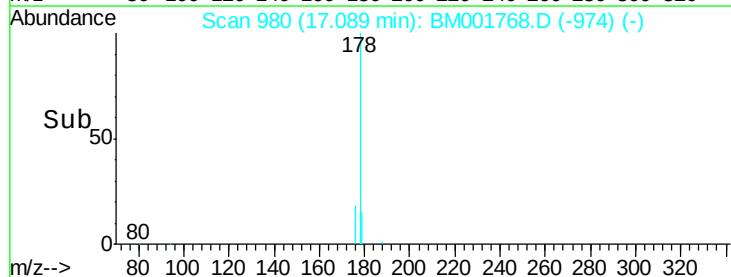
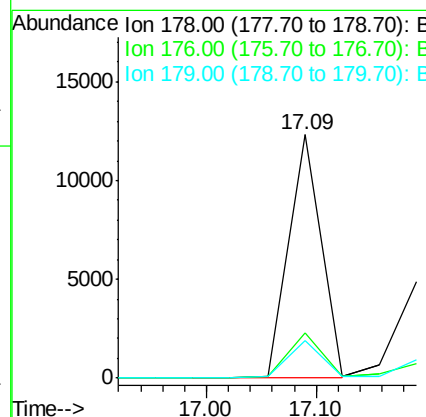
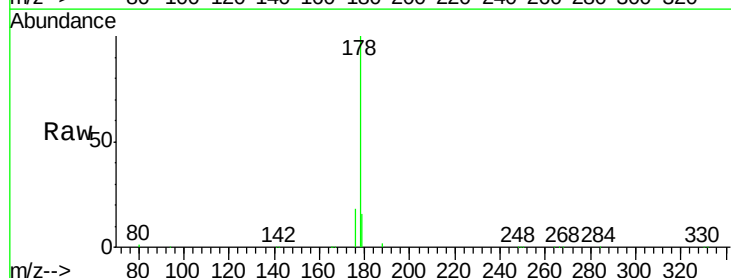
RT: 17.09 min Scan# 980

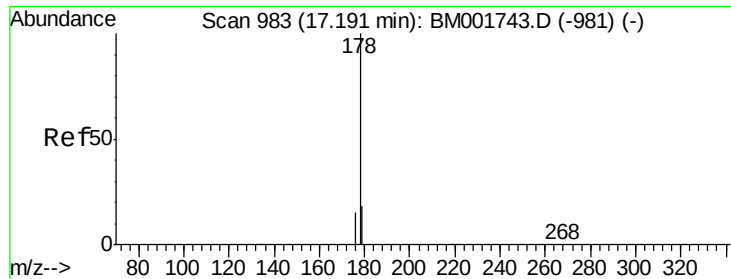
Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 25238 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 18.1  | 15.4  | 23.2  |
| 179       | 15.5  | 12.6  | 19.0  |





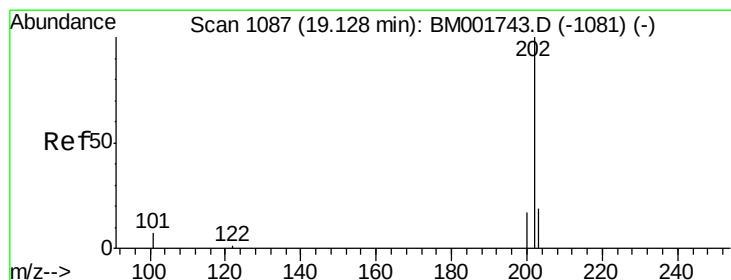
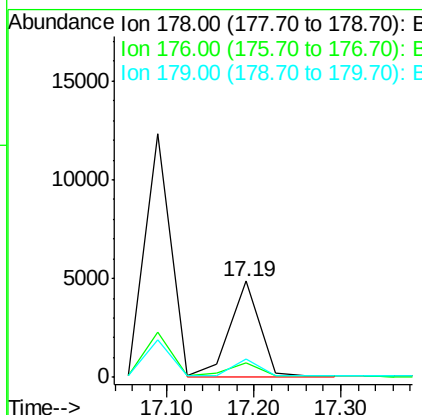
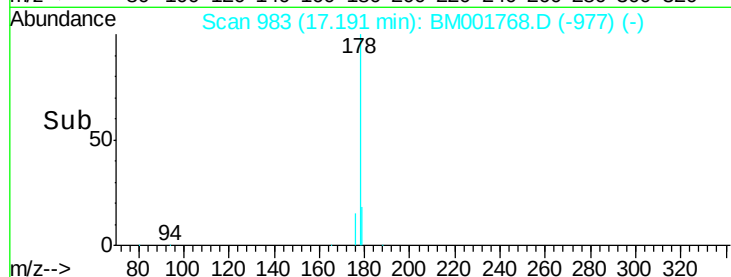
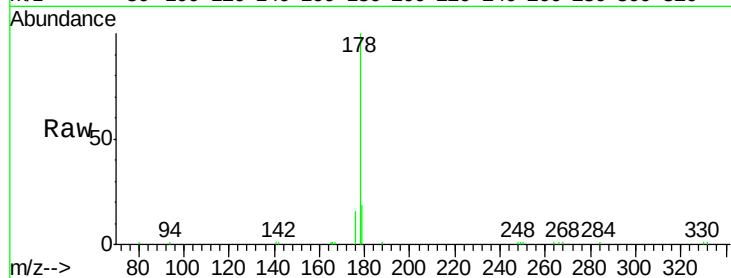
#23  
 Anthracene  
 Concen: 0.98 ng m  
 RT: 17.19 min Scan# 983  
 Delta R.T. 0.00 min  
 Lab File: BM001768.D  
 Acq: 19 Jun 2015 18:51

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 12.3  | 10.0  | 15.0  |
| 179     | 14.7  | 12.3  | 18.5  |

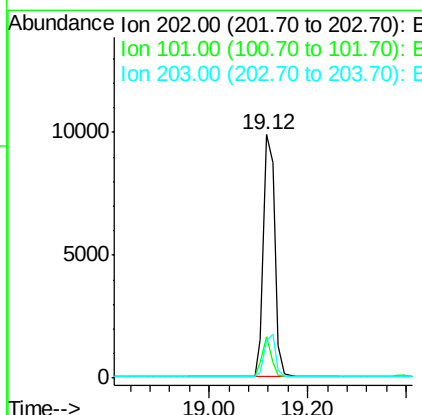
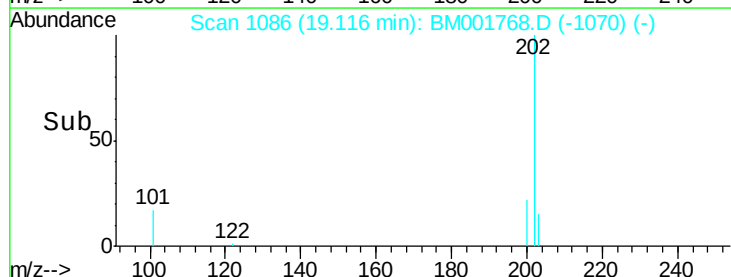
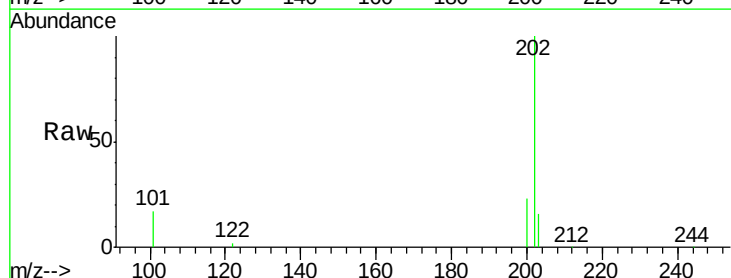
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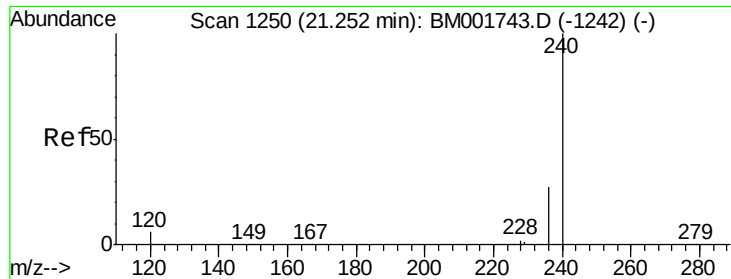
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#24  
 Fluoranthene  
 Concen: 0.87 ng  
 RT: 19.12 min Scan# 1086  
 Delta R.T. -0.01 min  
 Lab File: BM001768.D  
 Acq: 19 Jun 2015 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 13.6  | 10.8  | 16.2  |
| 203     | 17.3  | 13.8  | 20.6  |





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.25 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BM001768.D

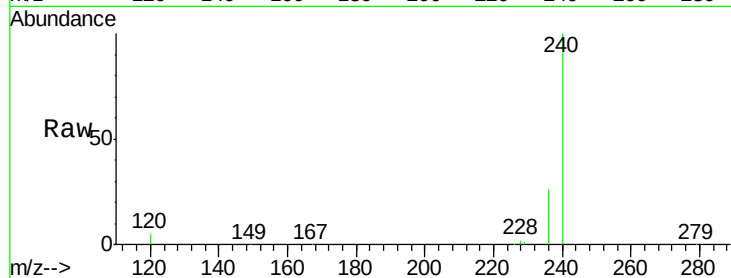
Acq: 19 Jun 2015 18:51

Instrument :

BNA\_M

ClientSampleId :

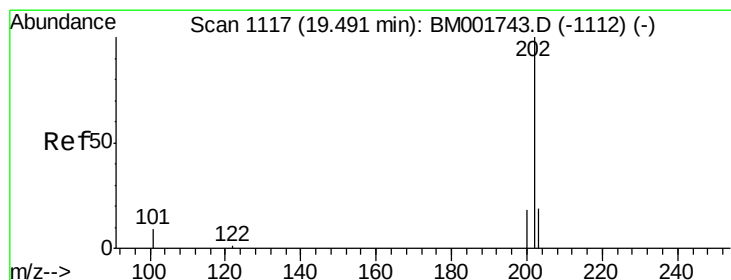
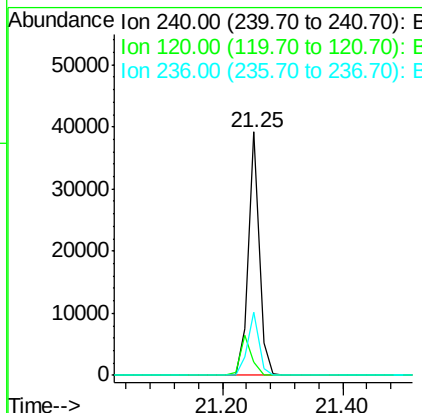
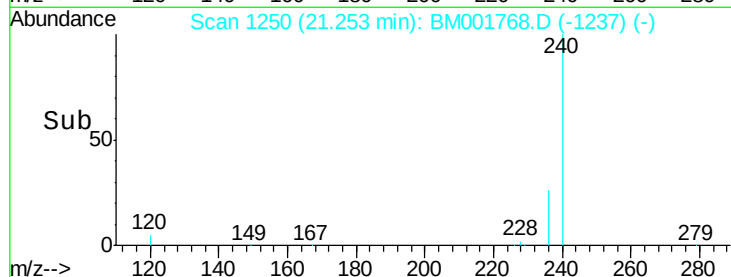
SSTDCCC001EC



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 240   | Resp: | 48493 |
| Ion Ratio | Lower | Upper |       |
| 240       | 100   |       |       |
| 120       | 5.3   | 4.7   | 7.1   |
| 236       | 26.2  | 21.6  | 32.4  |

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#26

Pyrene

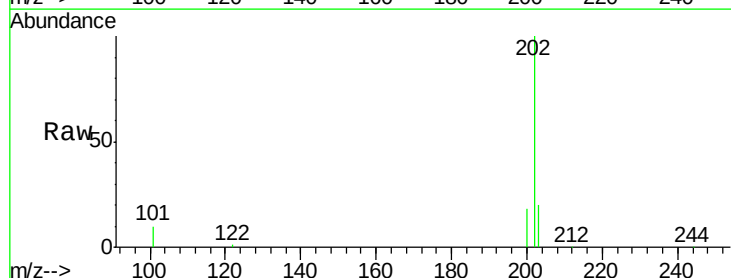
Concen: 0.98 ng

RT: 19.49 min Scan# 1117

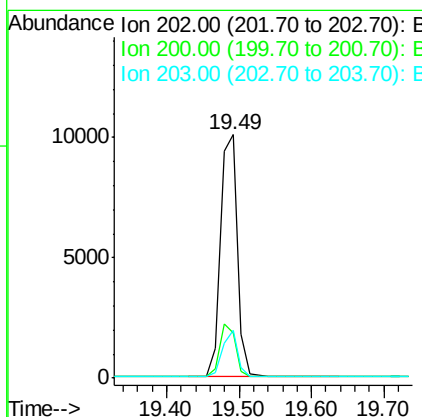
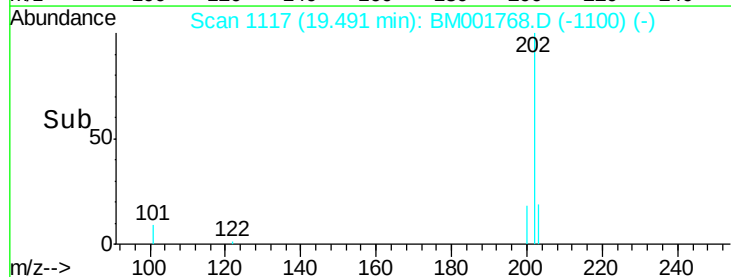
Delta R.T. 0.00 min

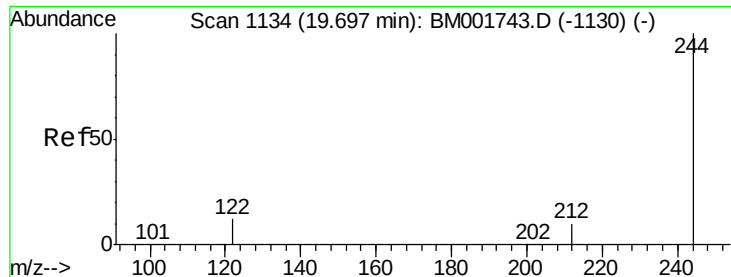
Lab File: BM001768.D

Acq: 19 Jun 2015 18:51



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 16543 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 200       | 20.6  | 16.6  | 24.8  |
| 203       | 17.4  | 13.9  | 20.9  |





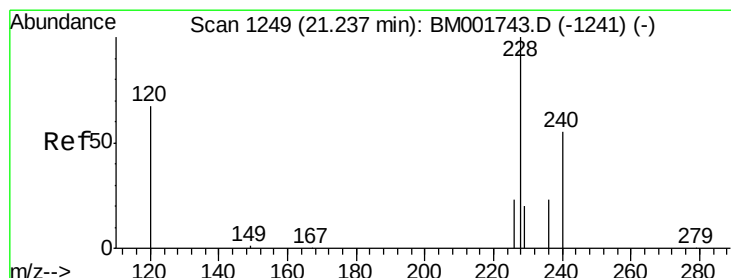
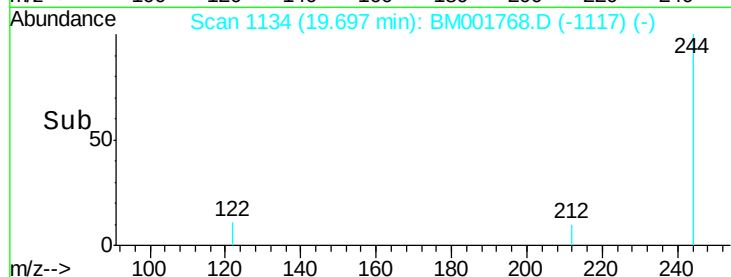
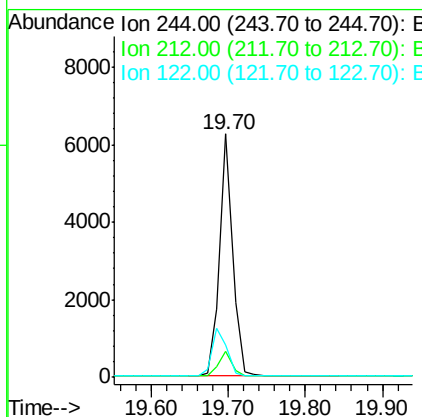
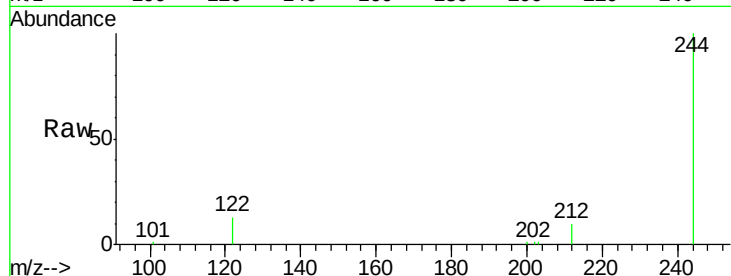
#27  
 Terphenyl-d14  
 Concen: 1.02 ng  
 RT: 19.70 min Scan# 1134  
 Delta R.T. 0.00 min  
 Lab File: BM001768.D  
 Acq: 19 Jun 2015 18:51

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 10.4  | 8.6   | 13.0  |
| 122     | 13.1  | 10.6  | 15.8  |

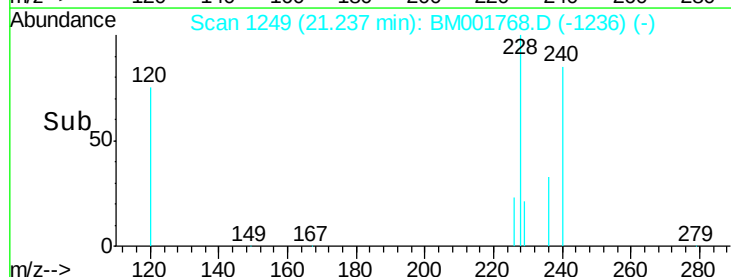
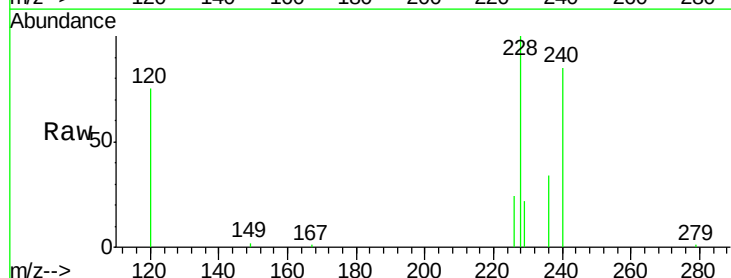
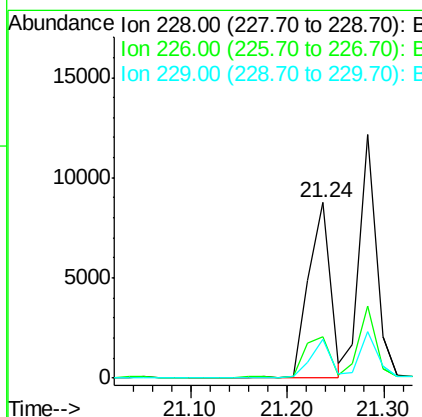
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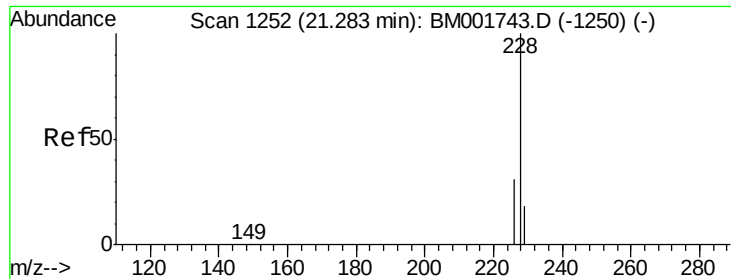


#28  
 Benzo(a)anthracene  
 Concen: 0.91 ng  
 RT: 21.24 min Scan# 1249  
 Delta R.T. 0.00 min  
 Lab File: BM001768.D  
 Acq: 19 Jun 2015 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 23.8  | 18.9  | 28.3  |
| 229     | 21.9  | 16.6  | 25.0  |







#29

Chrysene

Concen: 0.96 ng

RT: 21.28 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM001768.D

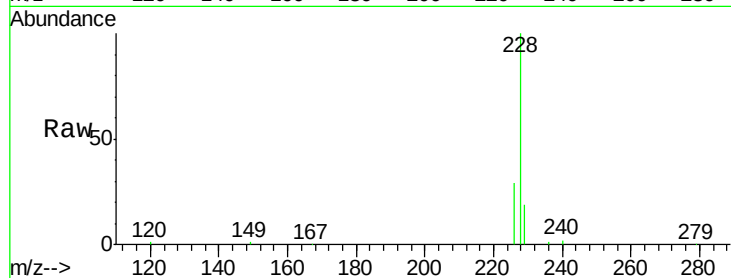
Acq: 19 Jun 2015 18:51

Instrument :

BNA\_M

ClientSampleId :

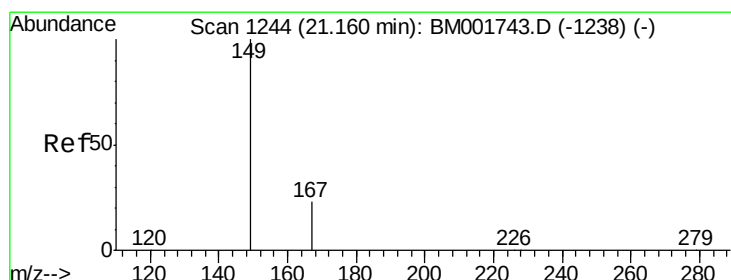
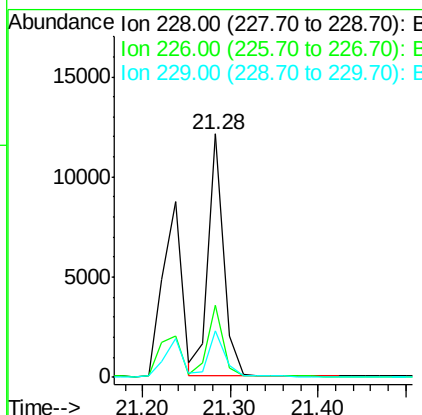
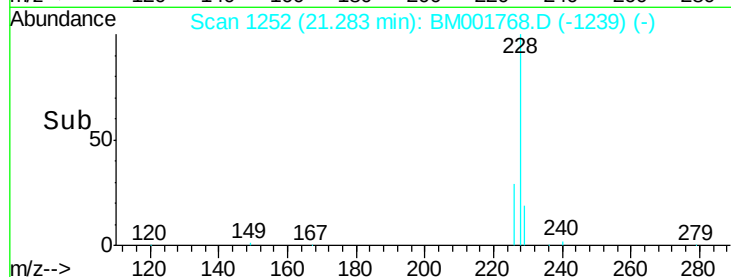
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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 14814 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 29.5  | 24.3  | 36.5  |
| 229       | 19.2  | 15.0  | 22.6  |

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#30

Bis(2-ethylhexyl)phthalate

Concen: 0.87 ng

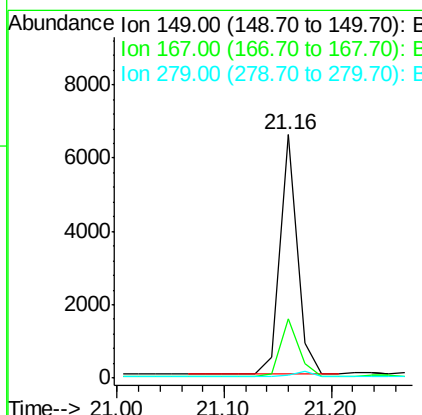
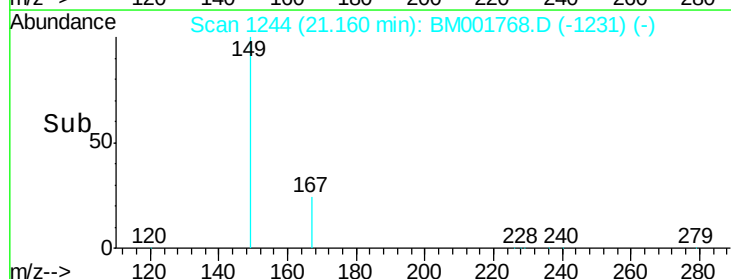
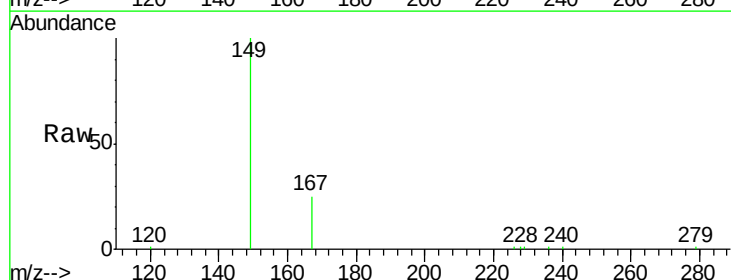
RT: 21.16 min Scan# 1244

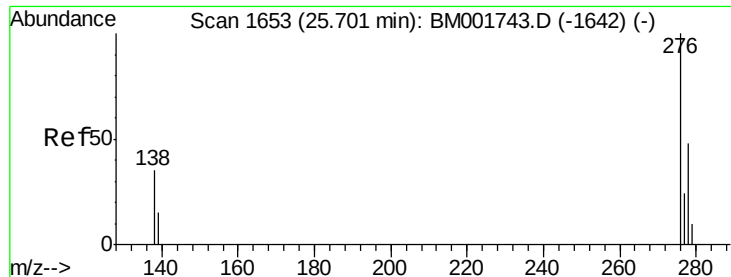
Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 7321 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 25.4  | 19.7  | 29.5 |
| 279       | 2.0   | 1.6   | 2.4  |





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.93 ng

RT: 25.70 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BM001768.D

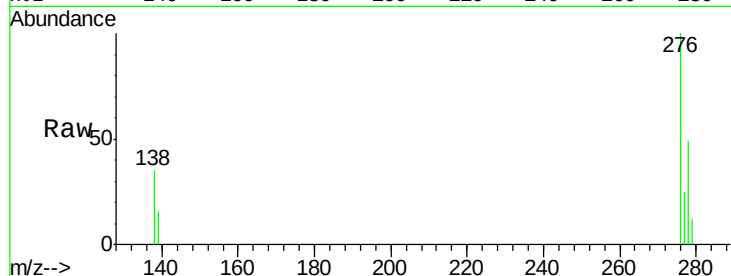
Acq: 19 Jun 2015 18:51

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC



Tgt Ion: 276 Resp: 13711

Ion Ratio Lower Upper

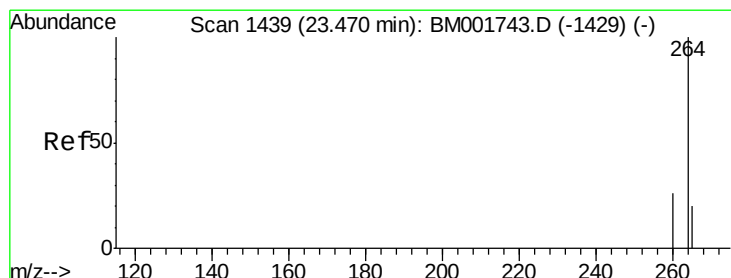
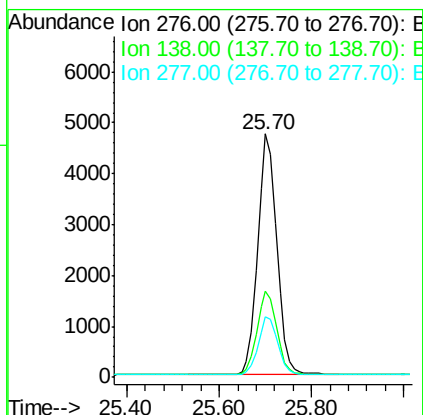
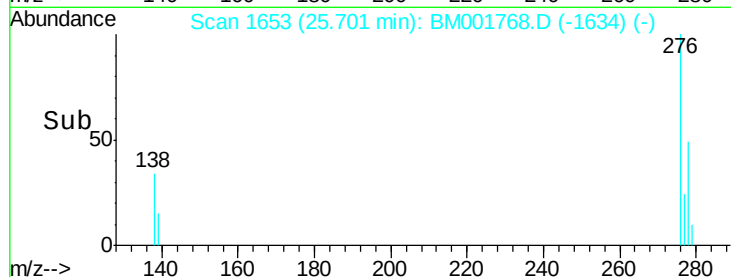
276 100

138 35.8 29.0 43.6

277 24.7 19.7 29.5

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#32

Perylene-d12

Concen: 5.00 ng

RT: 23.47 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

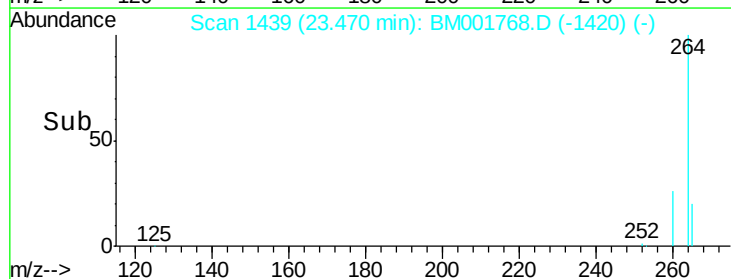
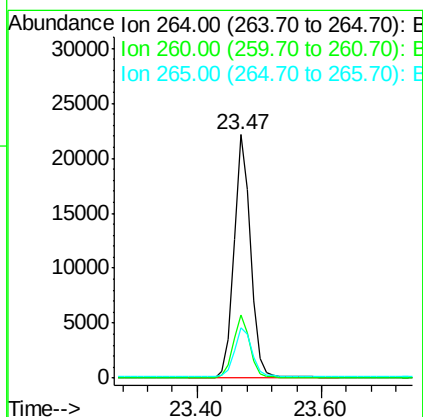
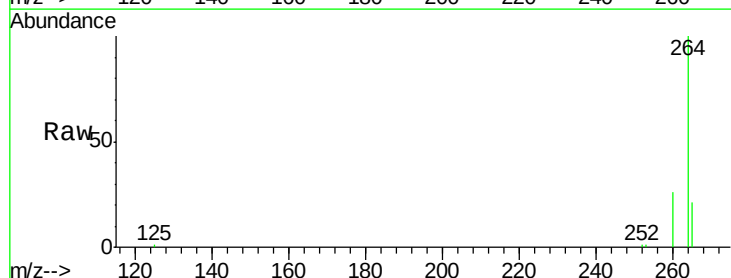
Tgt Ion: 264 Resp: 41262

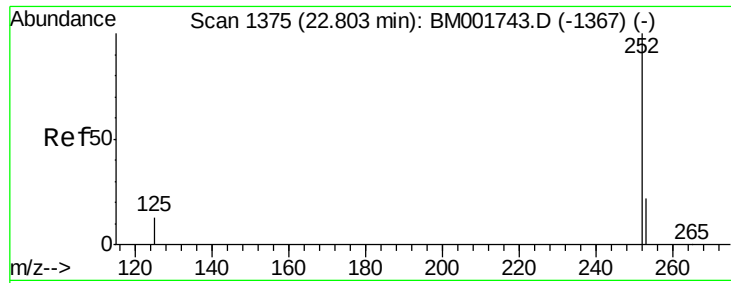
Ion Ratio Lower Upper

264 100

260 25.7 20.8 31.2

265 20.9 16.8 25.2





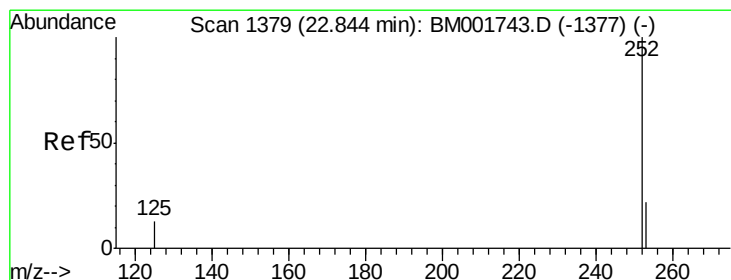
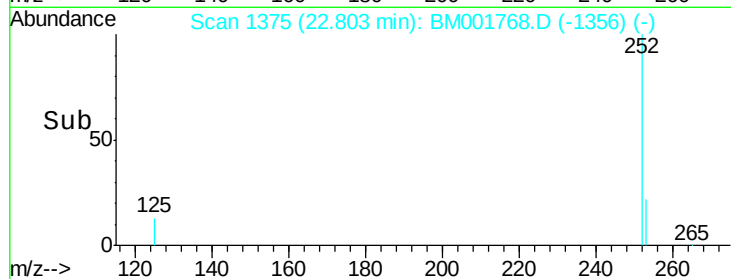
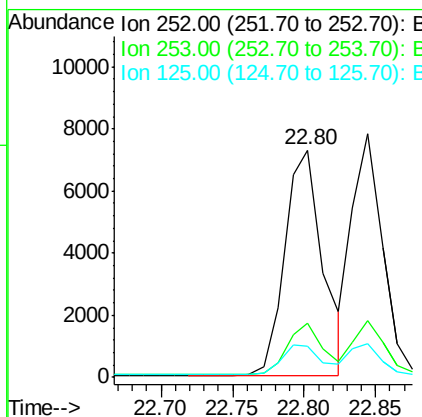
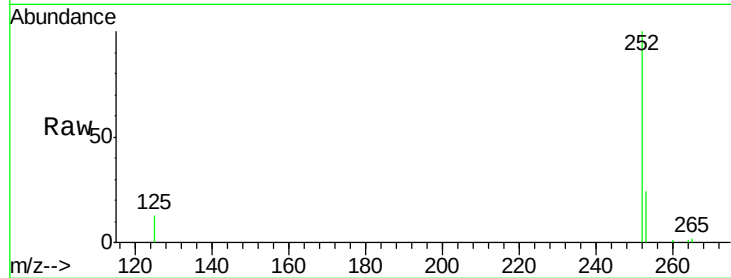
#33  
Benzo(b)fluoranthene  
Concen: 0.99 ng  
RT: 22.80 min Scan# 1375  
Delta R.T. 0.00 min  
Lab File: BM001768.D  
Acq: 19 Jun 2015 18:51

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.7  | 19.0  | 28.4  |
| 125     | 13.5  | 11.3  | 16.9  |

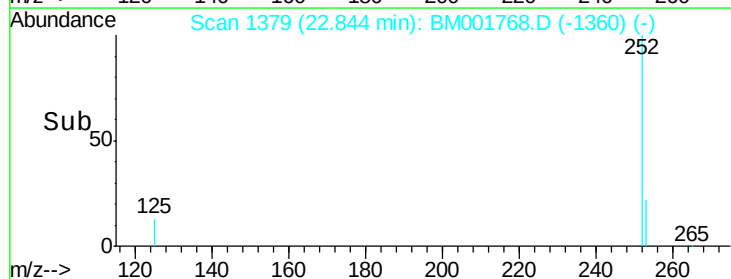
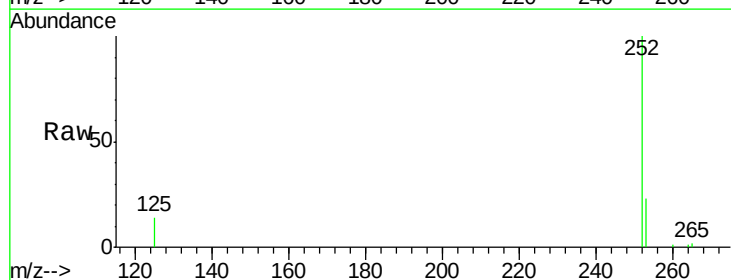
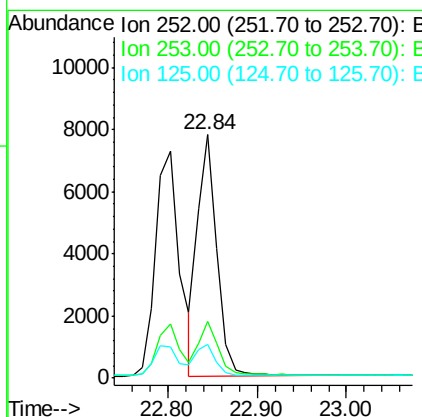
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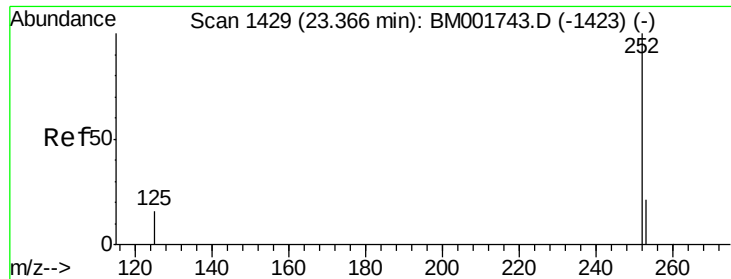
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#34  
Benzo(k)fluoranthene  
Concen: 0.97 ng  
RT: 22.84 min Scan# 1379  
Delta R.T. 0.00 min  
Lab File: BM001768.D  
Acq: 19 Jun 2015 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 18.2  | 27.4  |
| 125     | 14.0  | 11.8  | 17.6  |





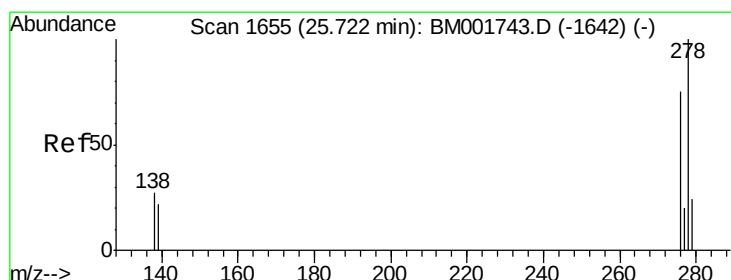
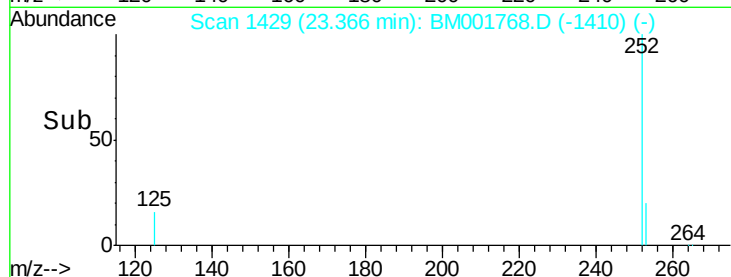
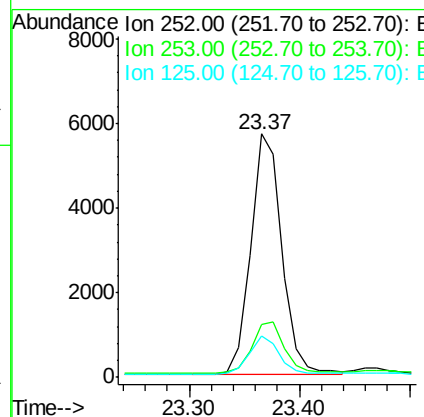
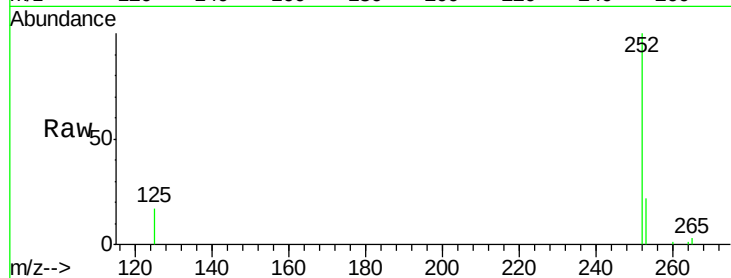
#35  
Benzo(a)pyrene  
Concen: 0.97 ng  
RT: 23.37 min Scan# 1429  
Delta R.T. 0.00 min  
Lab File: BM001768.D  
Acq: 19 Jun 2015 18:51

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.9  | 26.9  |
| 125     | 17.2  | 14.1  | 21.1  |

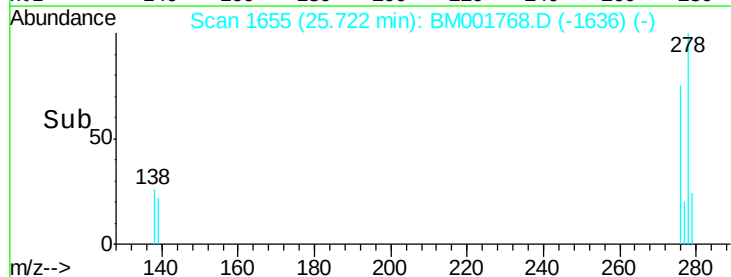
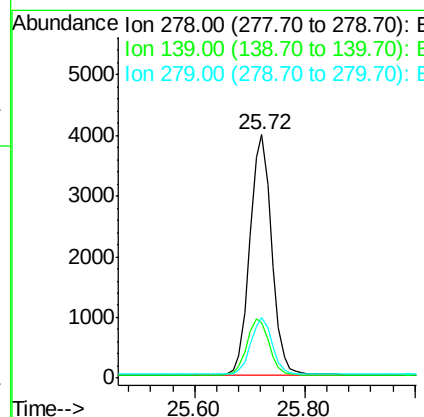
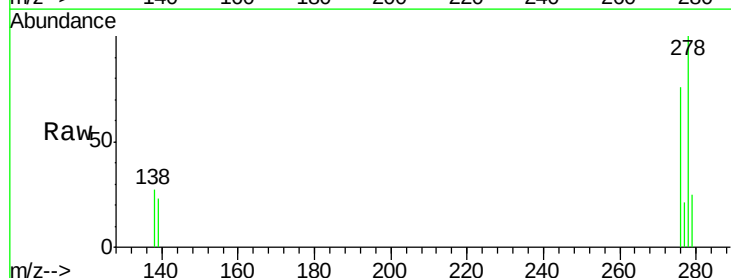
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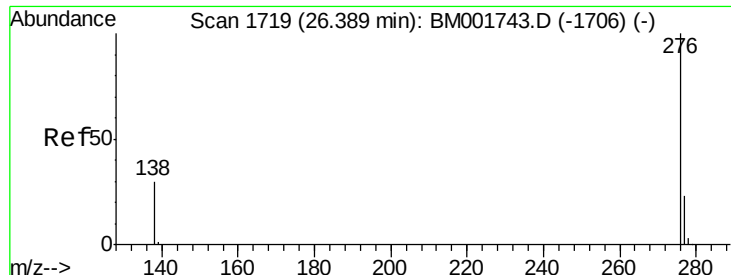
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#36  
Dibenzo(a,h)anthracene  
Concen: 0.98 ng  
RT: 25.72 min Scan# 1655  
Delta R.T. 0.00 min  
Lab File: BM001768.D  
Acq: 19 Jun 2015 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 22.6  | 18.4  | 27.6  |
| 279     | 24.9  | 19.8  | 29.8  |





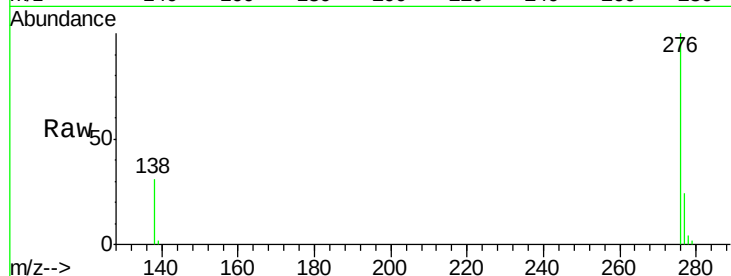
#37  
 Benzo(g,h,i)perylene  
 Concen: 0.97 ng  
 RT: 26.39 min Scan# 1719  
 Delta R.T. 0.00 min  
 Lab File: BM001768.D  
 Acq: 19 Jun 2015 18:51

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 11570 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 24.3  | 19.3  | 28.9  |
| 138       | 30.8  | 24.7  | 37.1  |

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Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 277.00 (276.70 to 277.70): E  
 Ion 138.00 (137.70 to 138.70): E

