

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM061915\  
 Data File : BM001752.D  
 Acq On : 19 Jun 2015 00:22  
 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 2:46:05 PM

Quant Time: Jun 19 05:17:37 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  | 15805    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8              | 10.44 | 136  | 57489    | 5.00 | ng    | -0.02    |
| 12) Acenaphthene-d10           | 14.31 | 164  | 27725    | 5.00 | ng    | -0.01    |
| 18) Phenanthrene-d10           | 17.06 | 188  | 67317    | 5.00 | ng    | 0.00     |
| 25) Chrysene-d12               | 21.25 | 240  | 47893    | 5.00 | ng    | 0.00     |
| 32) Perylene-d12               | 23.47 | 264  | 43059    | 5.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |      |       |          |
| 4) 2-Fluorophenol              | 5.25  | 112  | 3768     | 1.02 | ng    | 0.00     |
| 5) Phenol-d6                   | 6.83  | 99   | 4713     | 0.99 | ng    | 0.00     |
| 7) Nitrobenzene-d5             | 8.83  | 82   | 4493     | 1.00 | ng    | 0.00     |
| 13) 2,4,6-Tribromophenol       | 15.80 | 330  | 878      | 1.01 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl           | 12.94 | 172  | 9828     | 0.99 | ng    | 0.00     |
| 27) Terphenyl-d14              | 19.70 | 244  | 6895     | 0.98 | ng    | 0.00     |
| Target Compounds               |       |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                 | 3.18  | 88   | 1827     | 1.01 | ng    | 98       |
| 3) n-Nitrosodimethylamine      | 3.48  | 42   | 2797     | 1.01 | ng    | # 99     |
| 8) Nitrobenzene                | 8.87  | 77   | 4840     | 1.00 | ng    | 99       |
| 9) Naphthalene                 | 10.49 | 128  | 13896    | 0.99 | ng    | 100      |
| 10) Hexachlorobutadiene        | 10.78 | 225  | 2338     | 0.99 | ng    | 99       |
| 11) 2-Methylnaphthalene        | 12.12 | 142  | 8817     | 0.99 | ng    | 99       |
| 15) Acenaphthylene             | 14.03 | 152  | 13106    | 0.99 | ng    | 100      |
| 16) Acenaphthene               | 14.37 | 154  | 8188     | 0.99 | ng    | 100      |
| 17) Fluorene                   | 15.36 | 166  | 7636     | 1.08 | ng    | 99       |
| 19) 4-Bromophenyl-phenylether  | 16.24 | 248  | 2811     | 1.02 | ng    | 96       |
| 20) Hexachlorobenzene          | 16.38 | 284  | 1991     | 1.05 | ng    | # 100    |
| 21) Pentachlorophenol          | 16.72 | 266  | 944      | 1.12 | ng    | 99       |
| 22) Phenanthrene               | 17.09 | 178  | 22432    | 0.97 | ng    | 99       |
| 23) Anthracene                 | 17.19 | 178  | 10038m   | 1.03 | ng    |          |
| 24) Fluoranthene               | 19.12 | 202  | 15450    | 1.06 | ng    | 99       |
| 26) Pyrene                     | 19.48 | 202  | 16269    | 0.98 | ng    | 100      |
| 28) Benzo(a)anthracene         | 21.24 | 228  | 14199    | 0.98 | ng    | 97       |
| 29) Chrysene                   | 21.28 | 228  | 15105    | 1.00 | ng    | 97       |
| 30) Bis(2-ethylhexyl)phthalate | 21.16 | 149  | 8018     | 0.96 | ng    | 100      |
| 31) Indeno(1,2,3-cd)pyrene     | 25.70 | 276  | 14586    | 1.00 | ng    | 100      |
| 33) Benzo(b)fluoranthene       | 22.79 | 252  | 13252    | 0.94 | ng    | 96       |
| 34) Benzo(k)fluoranthene       | 22.84 | 252  | 13382    | 1.06 | ng    | 98       |
| 35) Benzo(a)pyrene             | 23.37 | 252  | 11848    | 1.00 | ng    | 98       |
| 36) Dibenzo(a,h)anthracene     | 25.72 | 278  | 11782    | 1.00 | ng    | 99       |
| 37) Benzo(g,h,i)perylene       | 26.39 | 276  | 12249    | 0.99 | ng    | 99       |

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

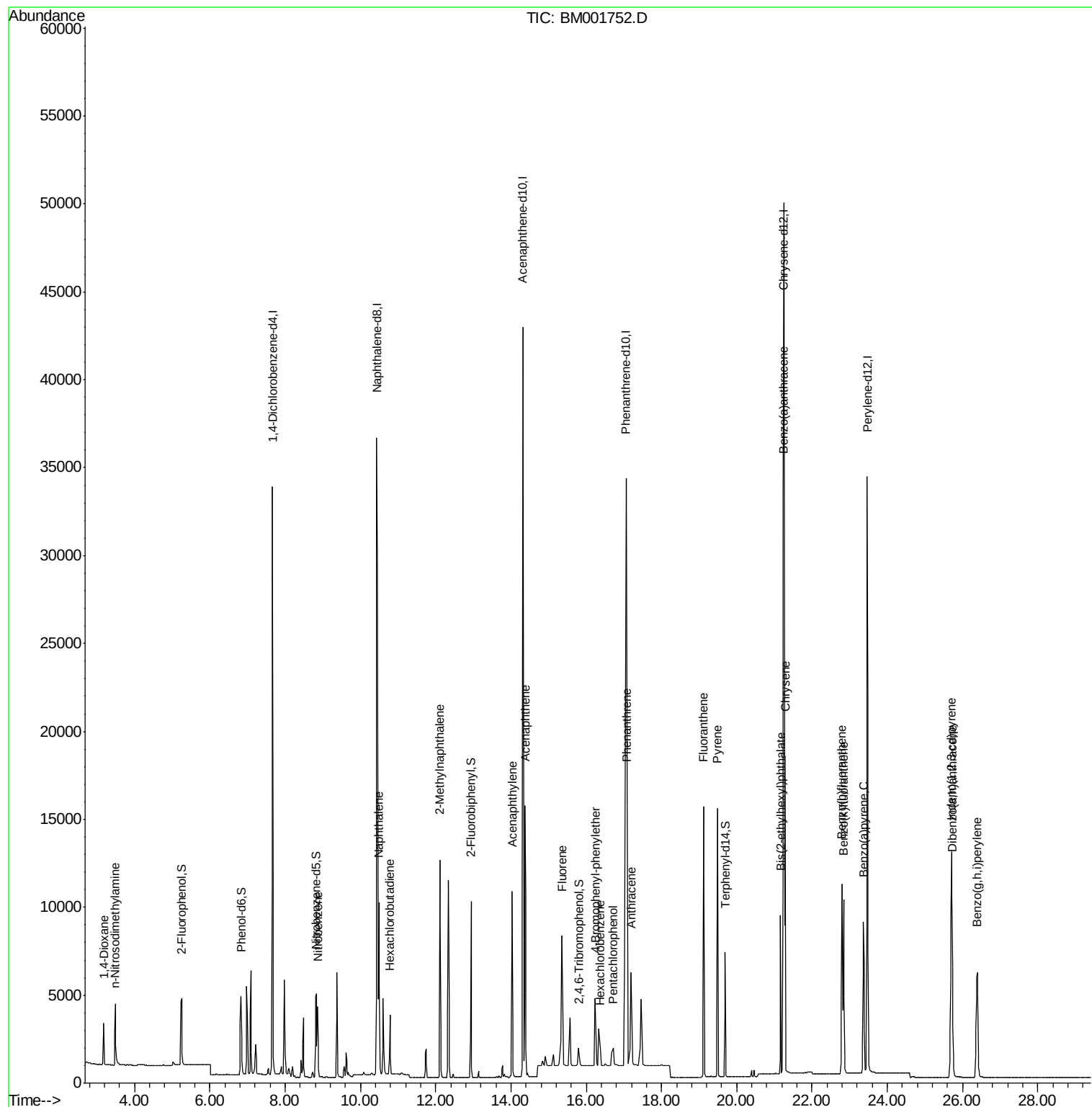
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM061915\  
Data File : BM001752.D  
Acq On : 19 Jun 2015 00:22  
Operator : TP/IZ  
Sample : SSTDCCC001  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

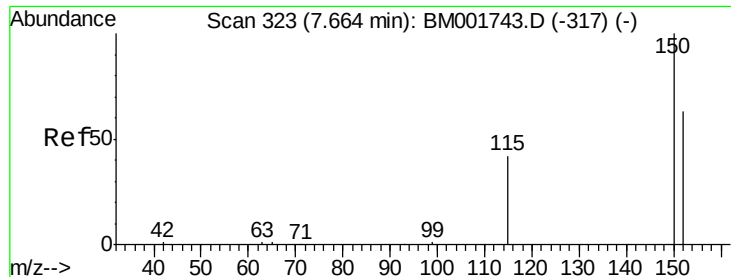
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

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Quant Time: Jun 19 05:17:37 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: BM001752.D

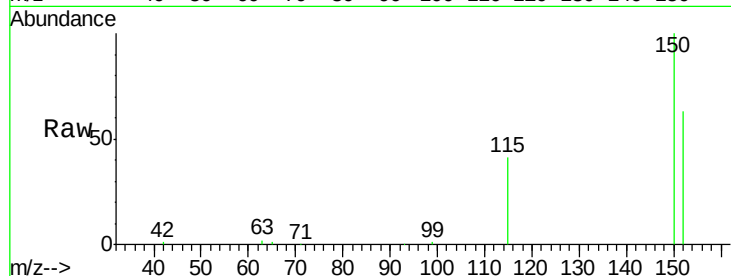
Acq: 19 Jun 2015 00:22

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC



Tgt Ion:152 Resp: 15805

Ion Ratio Lower Upper

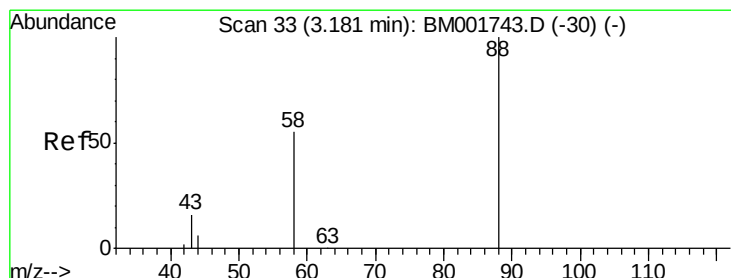
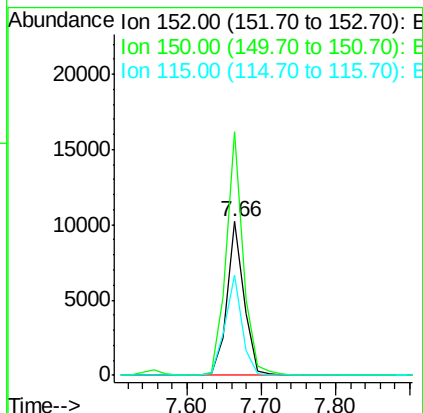
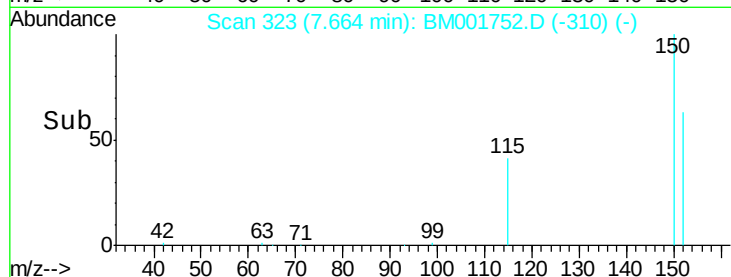
152 100

150 158.3 127.5 191.3

115 64.9 53.2 79.8

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#2

1,4-Dioxane

Concen: 1.01 ng

RT: 3.18 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

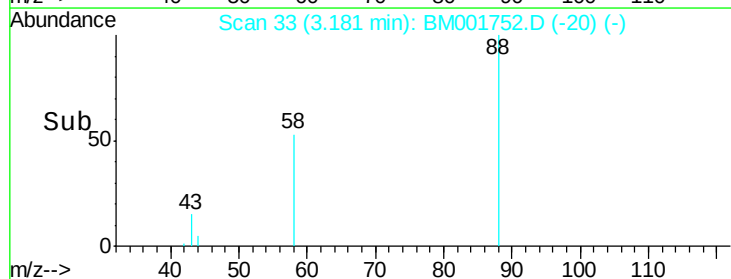
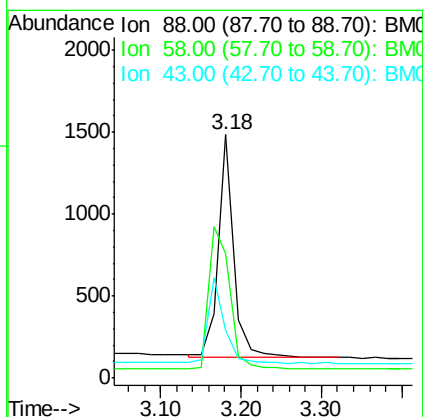
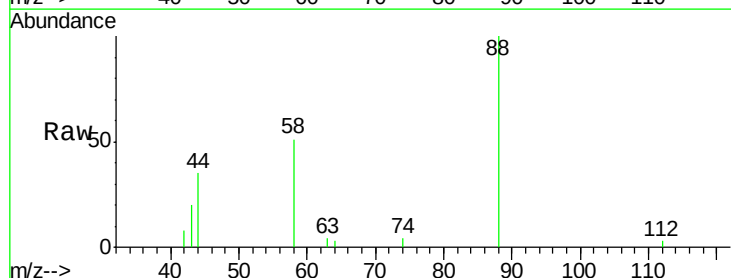
Tgt Ion: 88 Resp: 1827

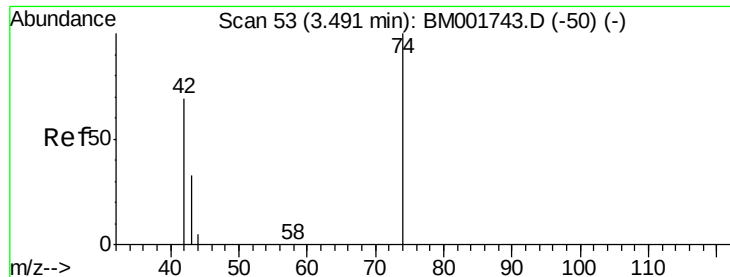
Ion Ratio Lower Upper

88 100

58 87.6 68.3 102.5

43 40.2 32.6 48.8





#3

n-Nitrosodimethylamine

Concen: 1.01 ng

RT: 3.48 min Scan# 52

Delta R.T. -0.02 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

Instrument :

BNA\_M

ClientSampleId :

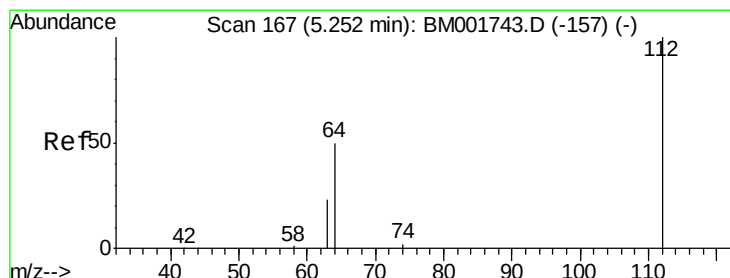
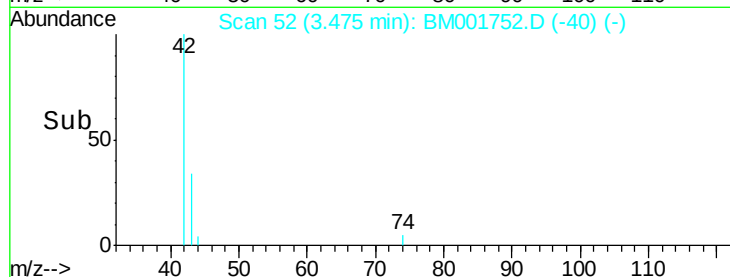
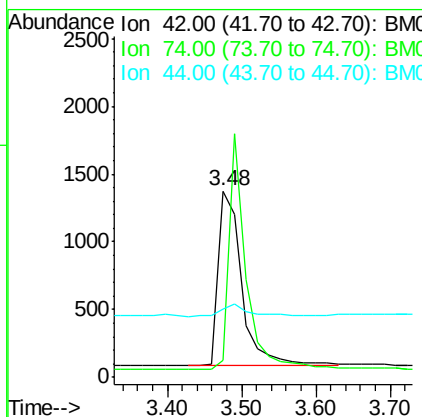
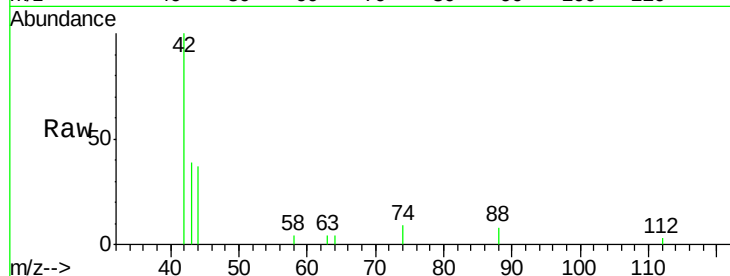
SSTDCCC001EC

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 2797  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 98.5  | 78.6  | 118.0 |
| 44       | 8.4   | 5.0   | 7.6#  |



#4

2-Fluorophenol

Concen: 1.02 ng

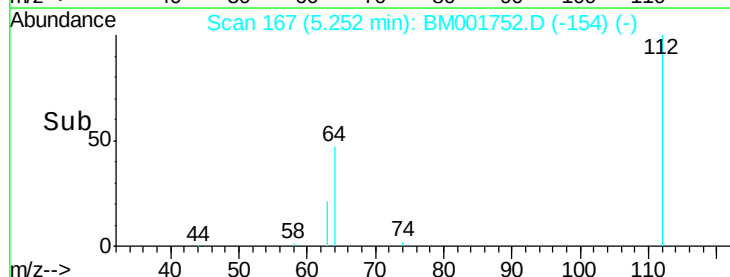
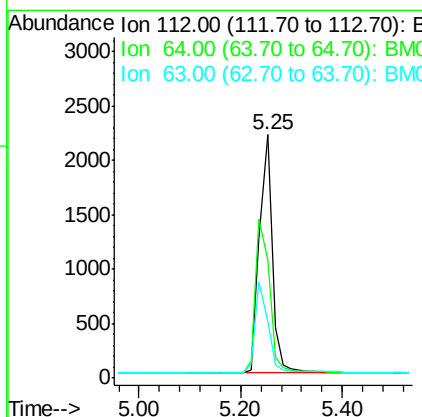
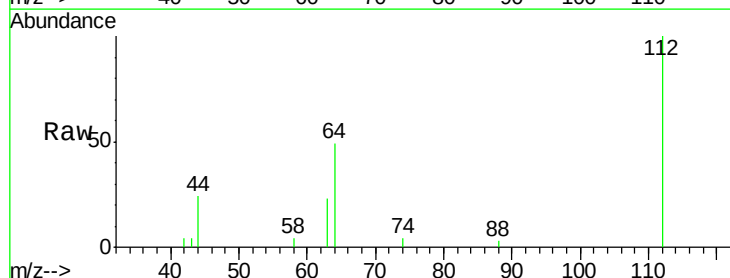
RT: 5.25 min Scan# 167

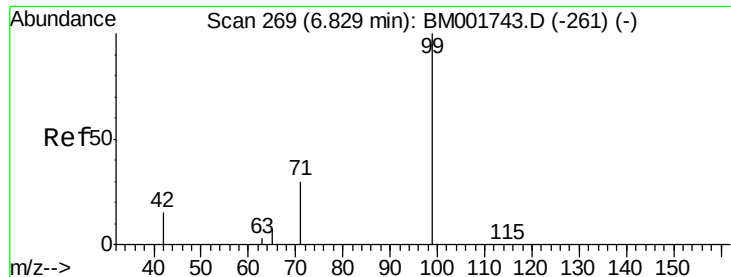
Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 3768  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 69.1  | 55.6  | 83.4  |
| 63       | 36.9  | 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: BM001752.D

Acq: 19 Jun 2015 00:22

Instrument :

BNA\_M

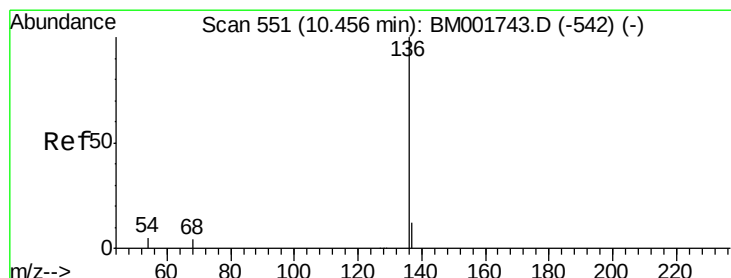
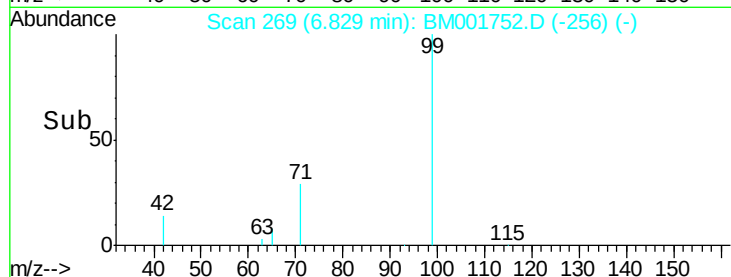
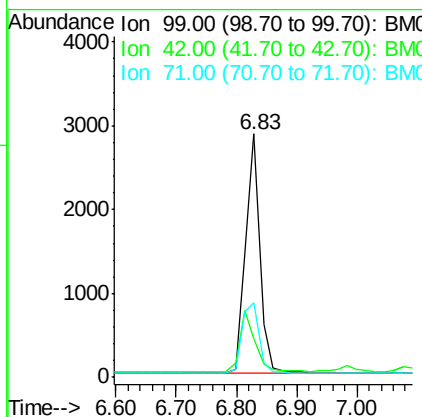
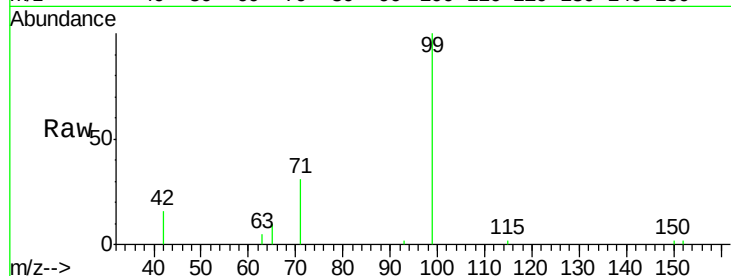
ClientSampleId :

SSTDCCC001EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 4713  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 26.4  | 21.4  | 32.0  |
| 71       | 35.3  | 28.3  | 42.5  |

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#6

Naphthalene-d8

Concen: 5.00 ng

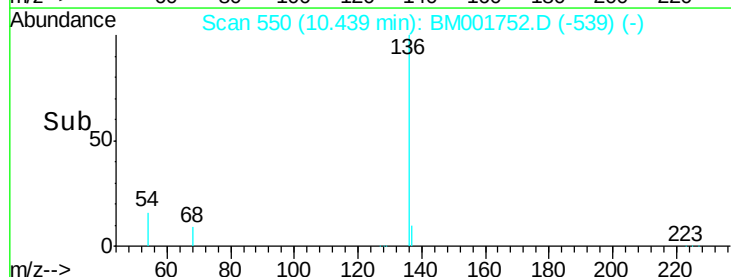
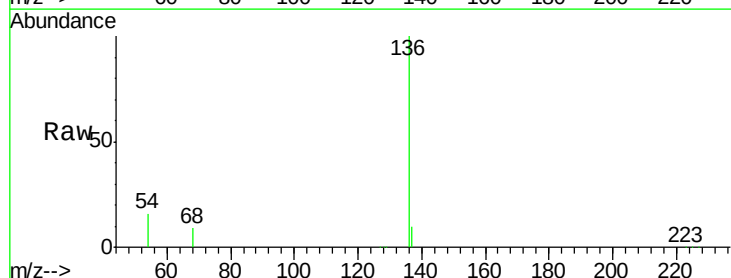
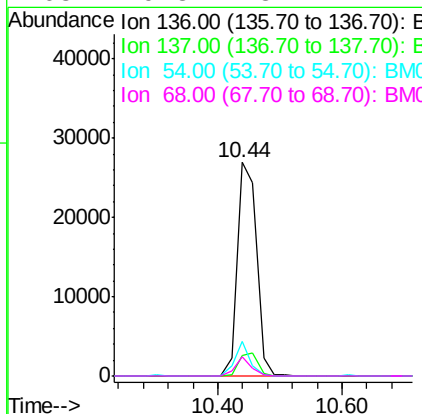
RT: 10.44 min Scan# 550

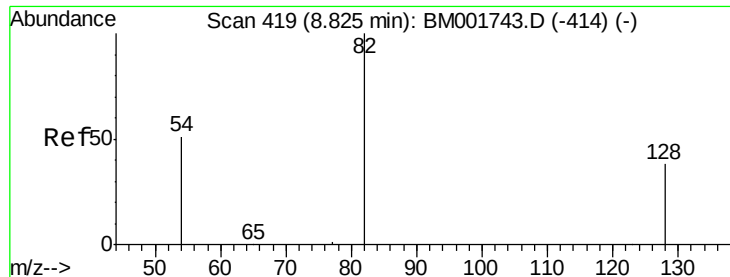
Delta R.T. -0.02 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 57489 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 9.9   | 9.4   | 14.0  |
| 54       | 16.0  | 4.4   | 6.6#  |
| 68       | 9.3   | 3.1   | 4.7#  |





#7

Nitrobenzene-d5

Concen: 1.00 ng

RT: 8.83 min Scan# 419

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

Instrument :

BNA\_M

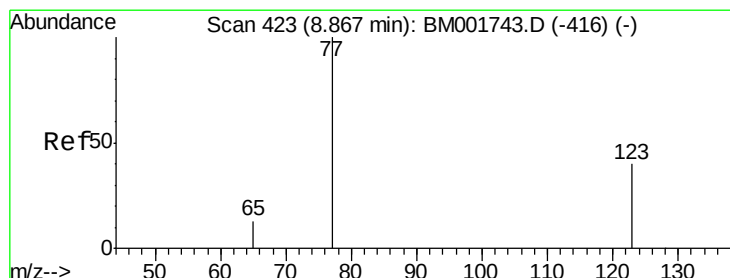
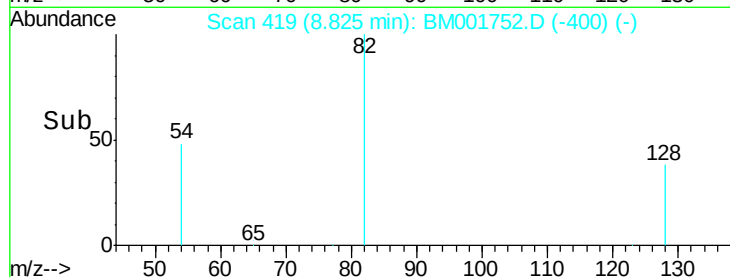
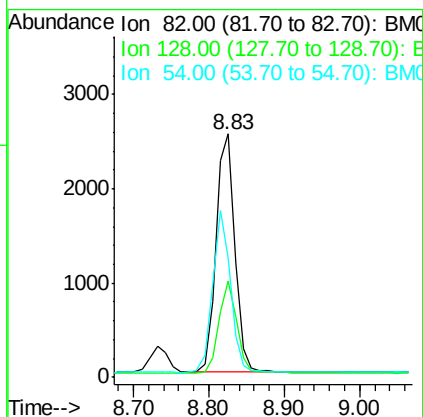
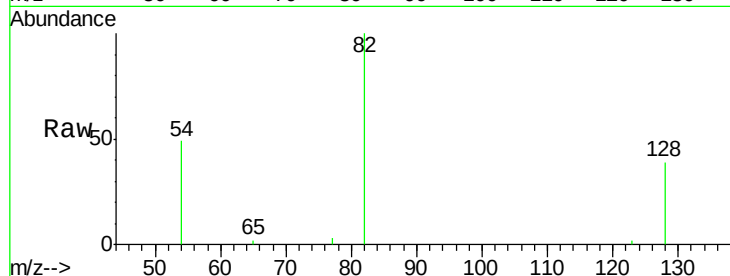
ClientSampleId :

SSTDCCC001EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 4493  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 39.5  | 31.3  | 46.9  |
| 54       | 49.3  | 41.9  | 62.9  |

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#8

Nitrobenzene

Concen: 1.00 ng

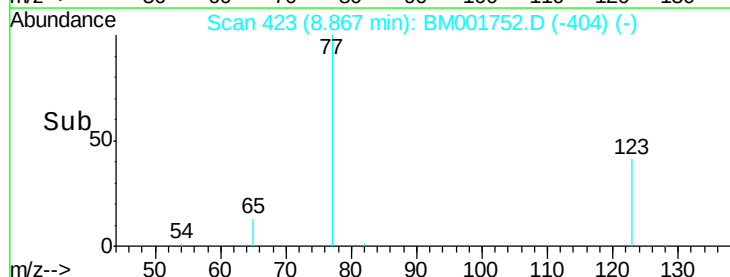
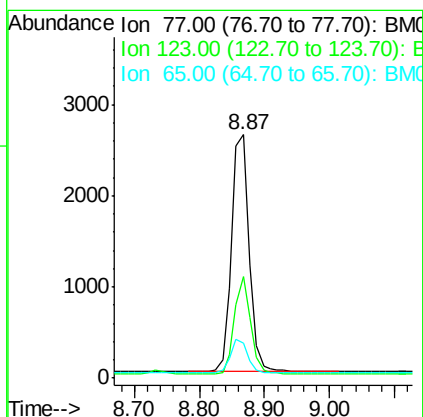
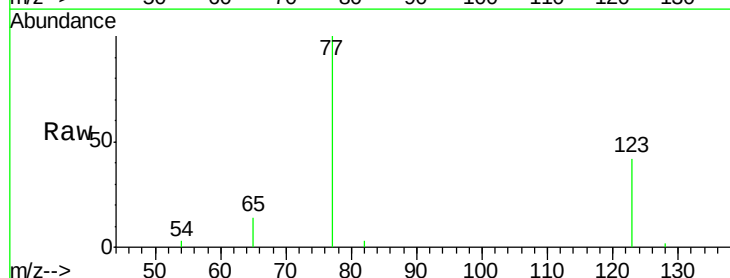
RT: 8.87 min Scan# 423

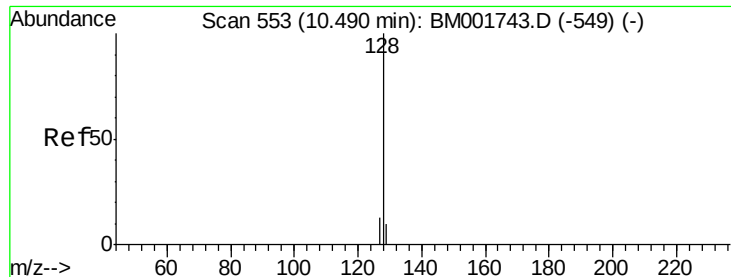
Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 4840  |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 123      | 37.9  | 30.1  | 45.1  |
| 65       | 13.8  | 11.3  | 16.9  |





#9

Naphthalene

Concen: 0.99 ng

RT: 10.49 min Scan# 553

Delta R.T. 0.00 min

Lab File: BM001752.D

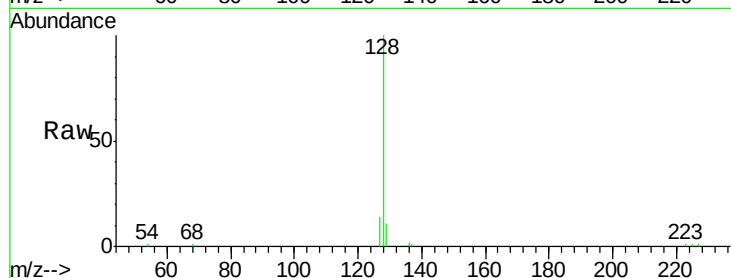
Acq: 19 Jun 2015 00:22

Instrument :

BNA\_M

ClientSampleId :

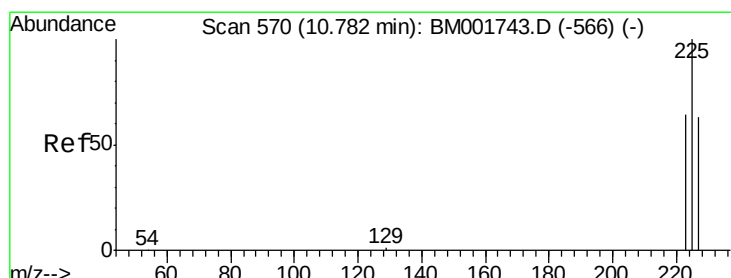
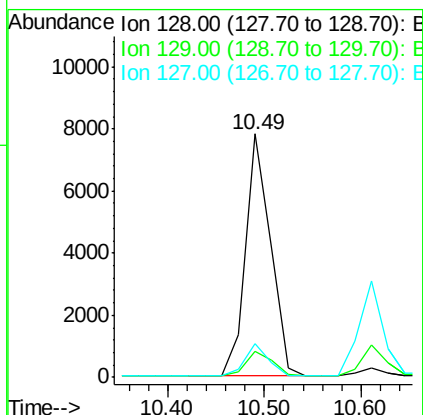
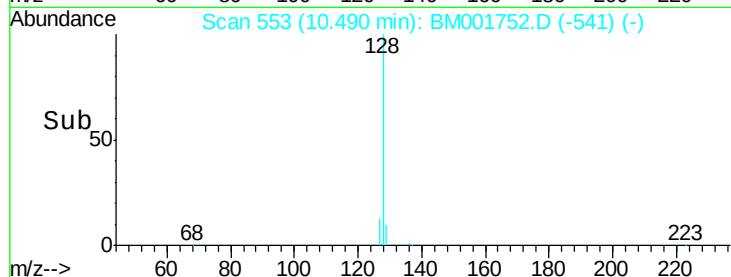
SSTDCCC001EC



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 13896 |
| 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: 0.99 ng

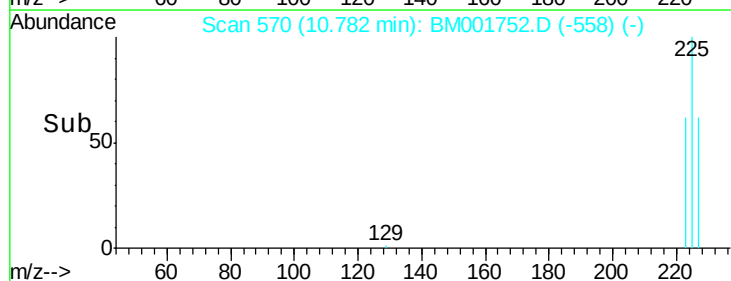
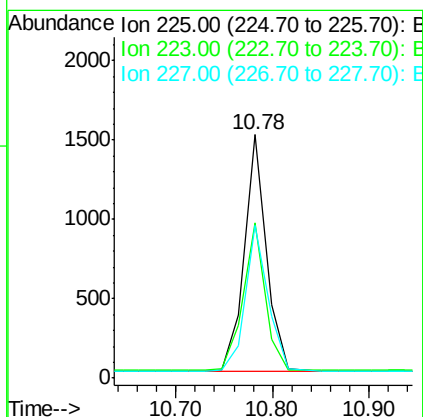
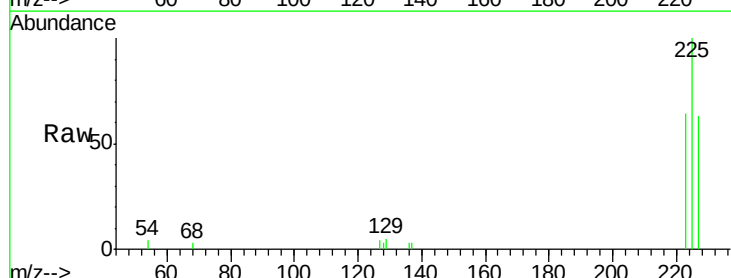
RT: 10.78 min Scan# 570

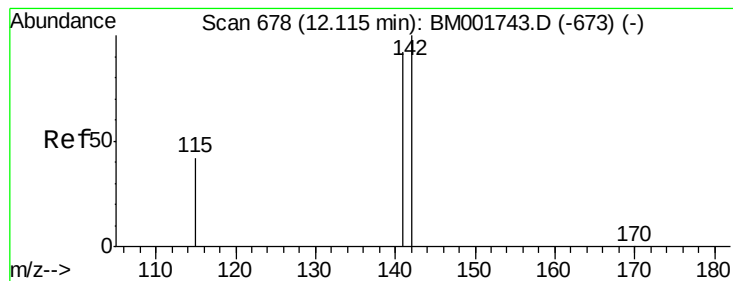
Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 2338 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 63.2  | 51.0  | 76.4 |
| 227       | 63.5  | 51.8  | 77.8 |





#11

2-Methylnaphthalene

Concen: 0.99 ng

RT: 12.12 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM001752.D

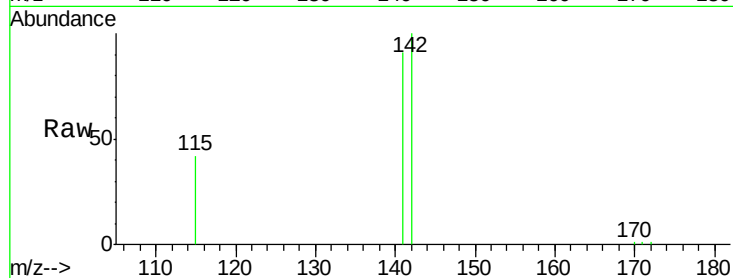
Acq: 19 Jun 2015 00:22

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC



Tgt Ion:142 Resp: 8817

Ion Ratio Lower Upper

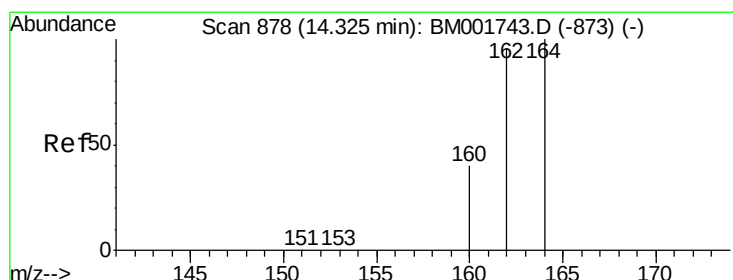
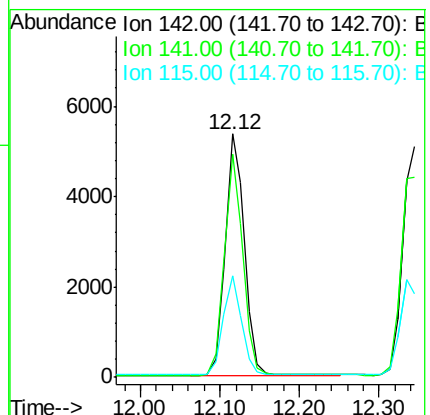
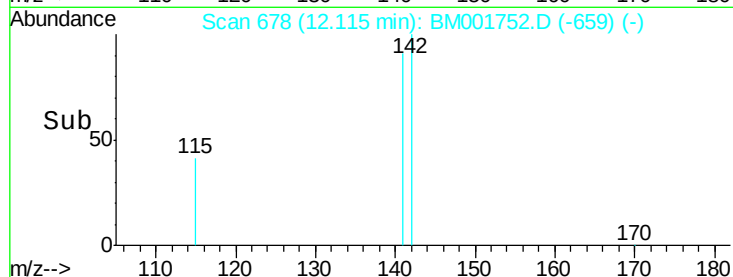
142 100

141 91.5 73.6 110.4

115 41.8 34.1 51.1

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#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.31 min Scan# 877

Delta R.T. -0.01 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

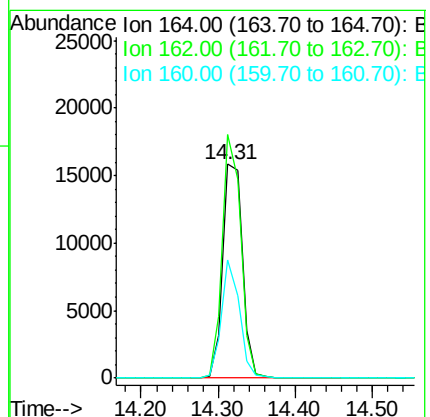
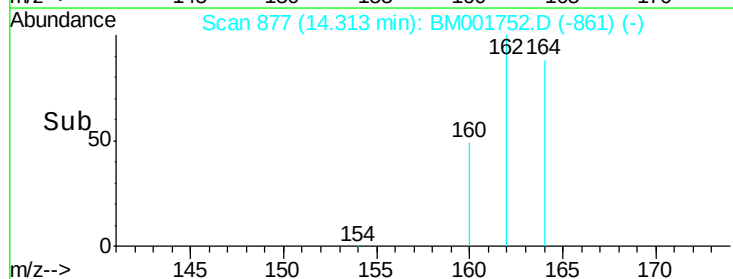
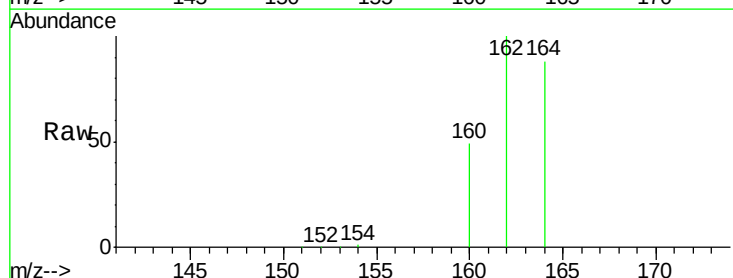
Tgt Ion:164 Resp: 27725

Ion Ratio Lower Upper

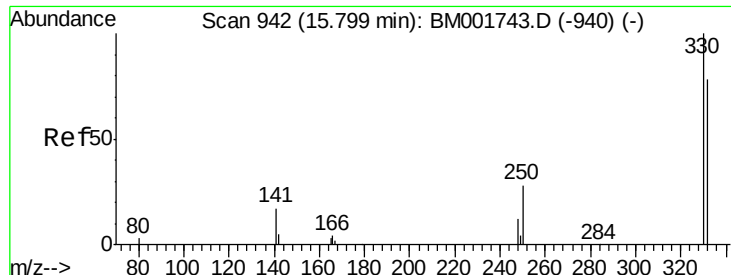
164 100

162 113.7 76.6 114.8

160 55.5 31.8 47.8#







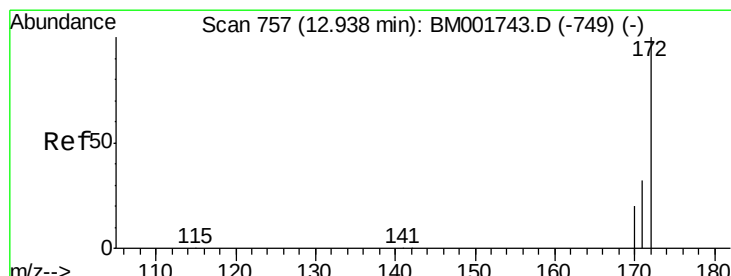
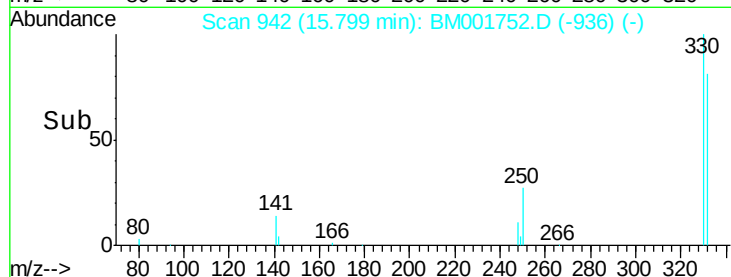
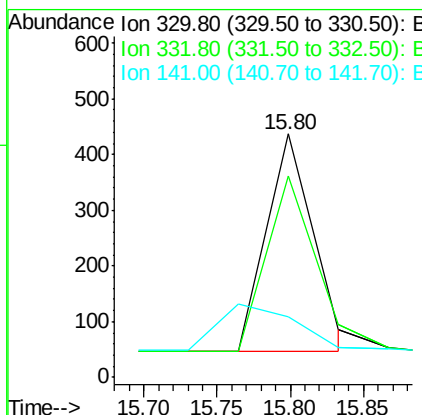
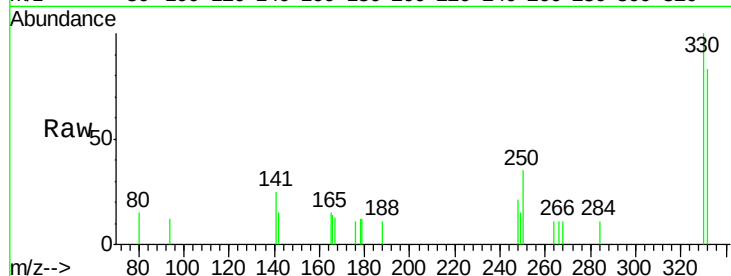
#13  
 2,4,6-Tribromophenol  
 Concen: 1.01 ng  
 RT: 15.80 min Scan# 942  
 Delta R.T. 0.00 min  
 Lab File: BM001752.D  
 Acq: 19 Jun 2015 00:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 84.5  | 65.8  | 98.8  |
| 141     | 0.0   | 0.0   | 0.0   |

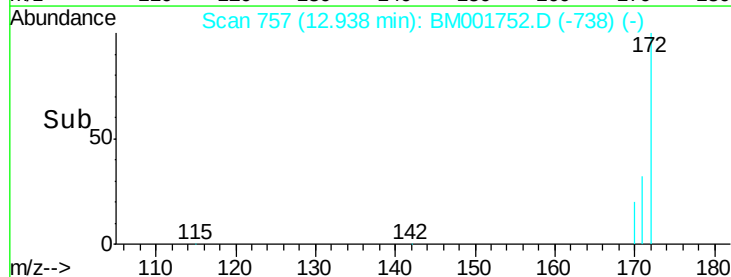
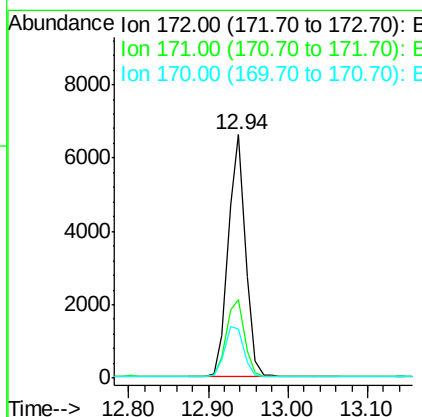
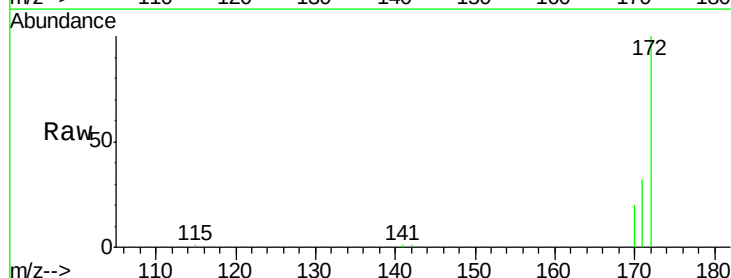
Manual Integrations  
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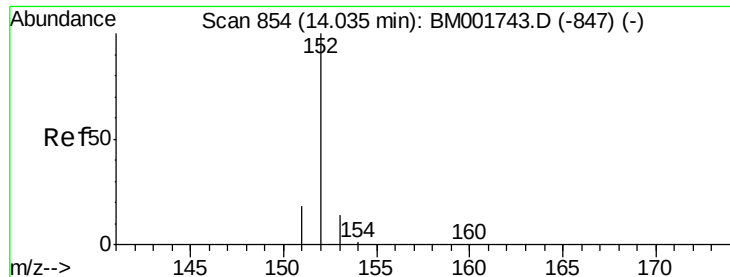
apatel  
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#14  
 2-Fluorobiphenyl  
 Concen: 0.99 ng  
 RT: 12.94 min Scan# 757  
 Delta R.T. 0.00 min  
 Lab File: BM001752.D  
 Acq: 19 Jun 2015 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 32.3  | 26.2  | 39.2  |
| 170     | 20.4  | 16.6  | 24.8  |





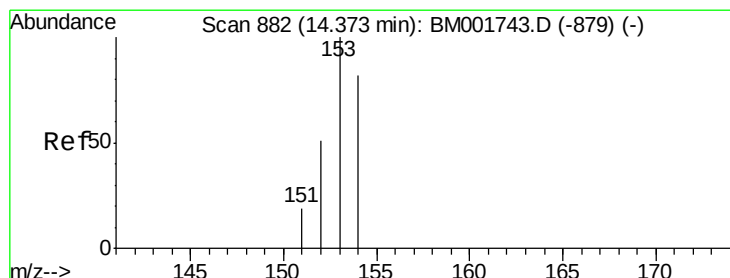
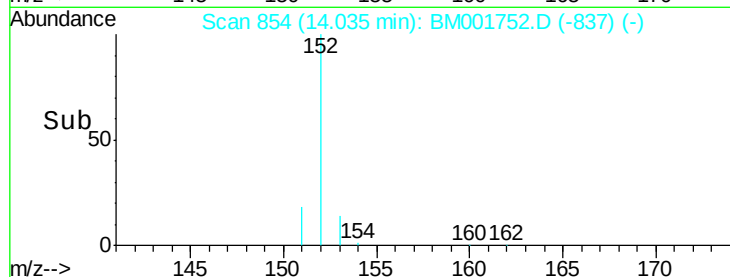
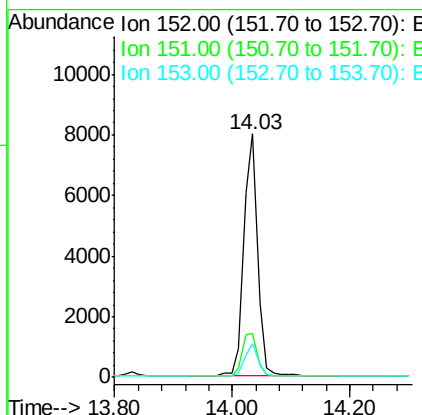
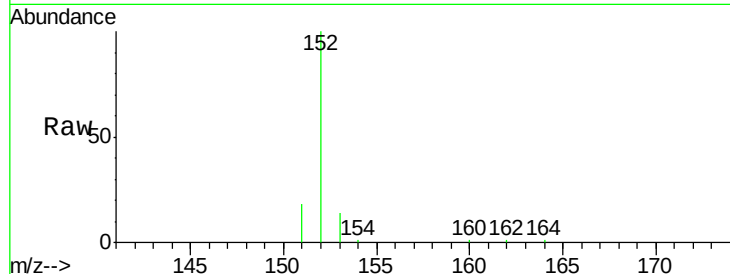
#15  
Acenaphthylene  
Concen: 0.99 ng  
RT: 14.03 min Scan# 854  
Delta R.T. 0.00 min  
Lab File: BM001752.D  
Acq: 19 Jun 2015 00:22

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.1  | 15.4  | 23.2  |
| 153     | 12.9  | 10.4  | 15.6  |

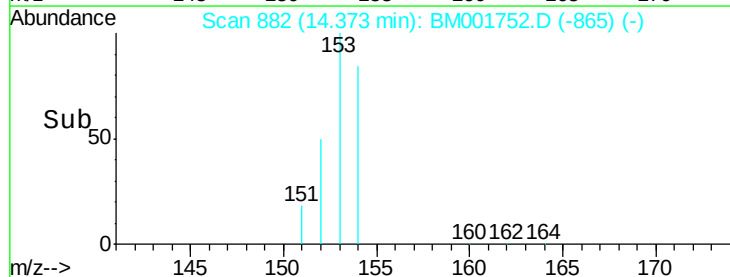
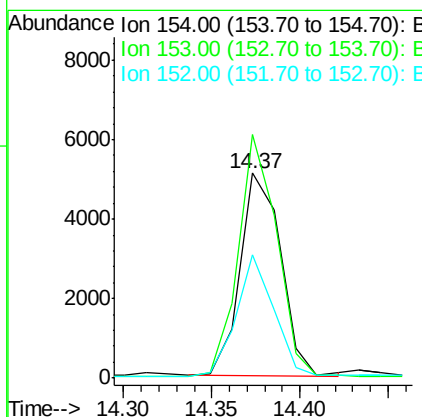
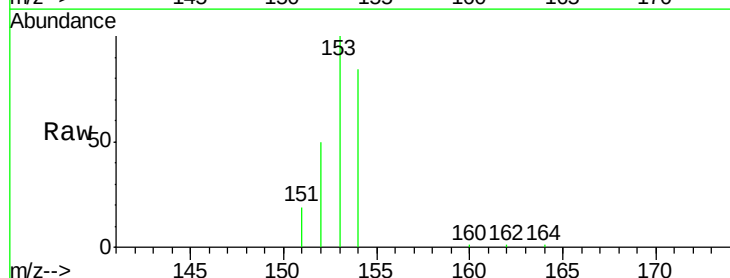
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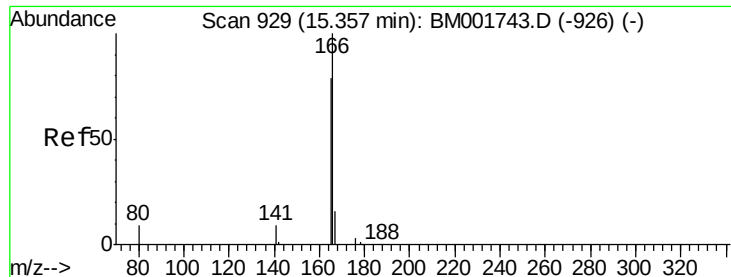
apatel  
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#16  
Acenaphthene  
Concen: 0.99 ng  
RT: 14.37 min Scan# 882  
Delta R.T. 0.00 min  
Lab File: BM001752.D  
Acq: 19 Jun 2015 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.5 | 90.0  | 135.0 |
| 152     | 54.6  | 44.2  | 66.4  |





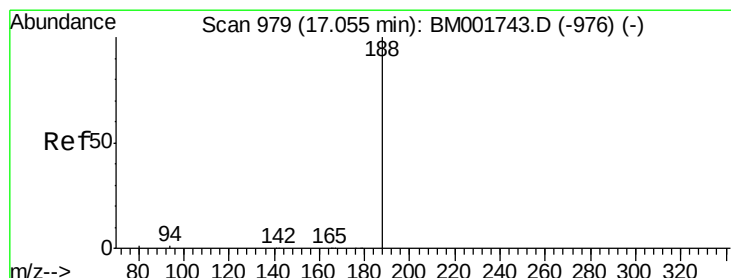
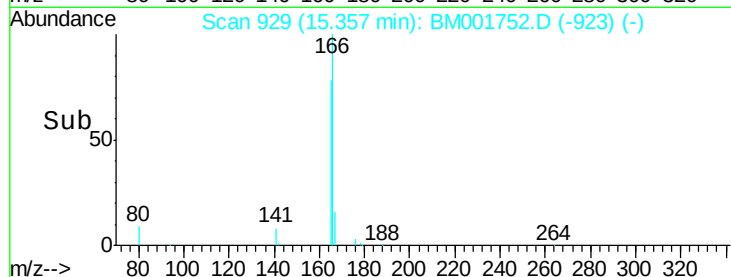
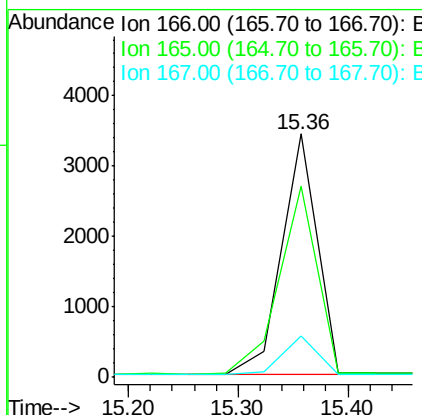
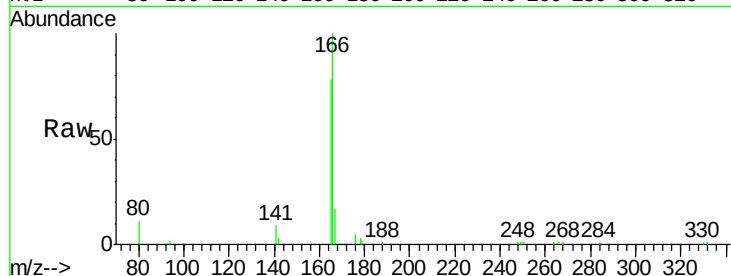
#17  
**Fluorene**  
 Concen: 1.08 ng  
 RT: 15.36 min Scan# 929  
 Delta R.T. 0.00 min  
 Lab File: BM001752.D  
 Acq: 19 Jun 2015 00:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 83.7  | 68.2  | 102.2 |
| 167     | 15.1  | 12.2  | 18.2  |

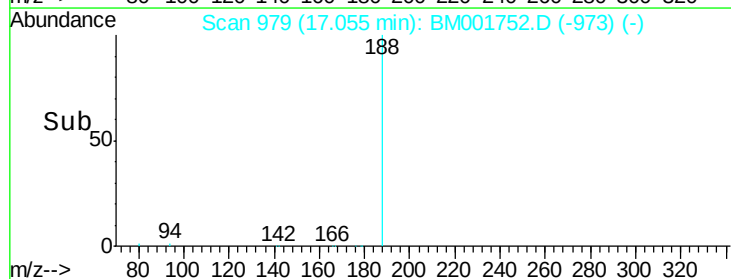
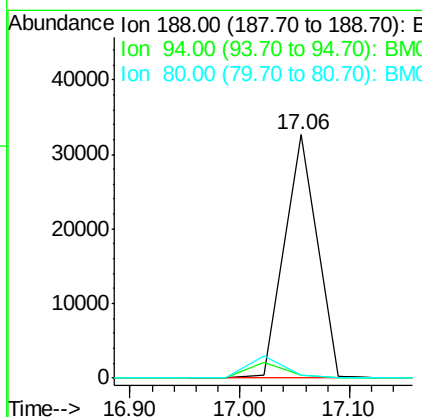
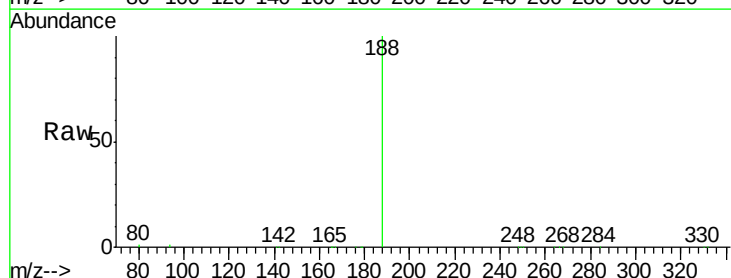
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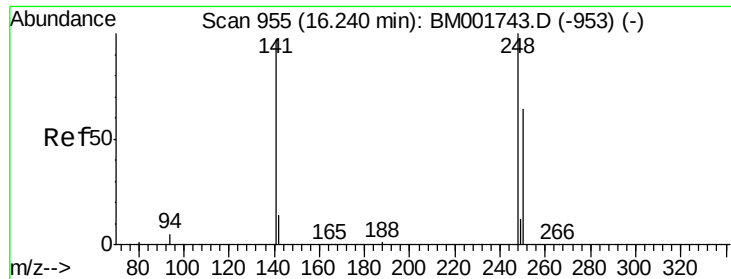
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#18  
**Phenanthrene-d10**  
 Concen: 5.00 ng  
 RT: 17.06 min Scan# 979  
 Delta R.T. 0.00 min  
 Lab File: BM001752.D  
 Acq: 19 Jun 2015 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 1.3   | 1.3   | 1.9   |
| 80      | 1.1   | 1.0   | 1.6   |





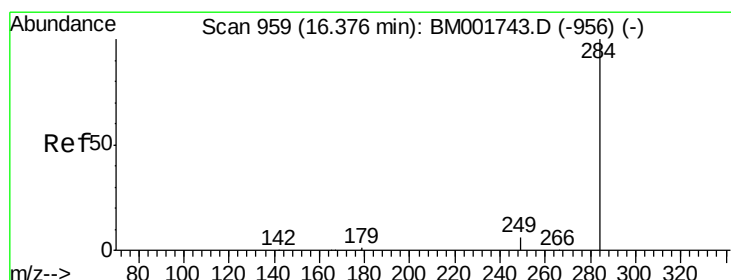
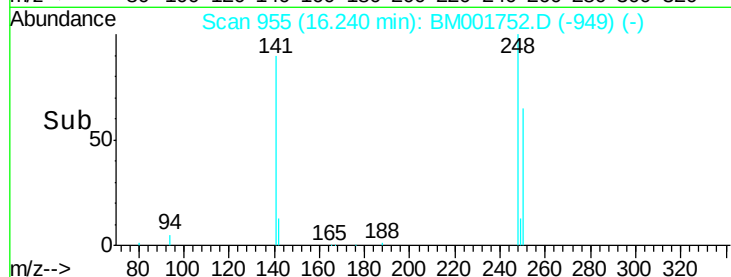
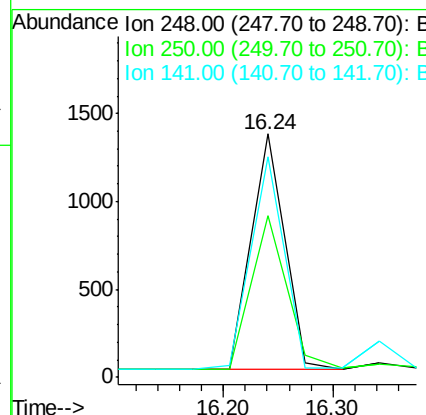
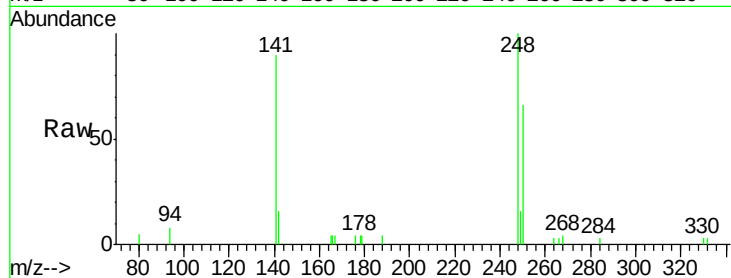
#19  
4-Bromophenyl-phenylether  
Concen: 1.02 ng  
RT: 16.24 min Scan# 955  
Delta R.T. 0.00 min  
Lab File: BM001752.D  
Acq: 19 Jun 2015 00:22

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 69.1  | 54.8  | 82.2  |
| 141     | 89.3  | 76.2  | 114.4 |

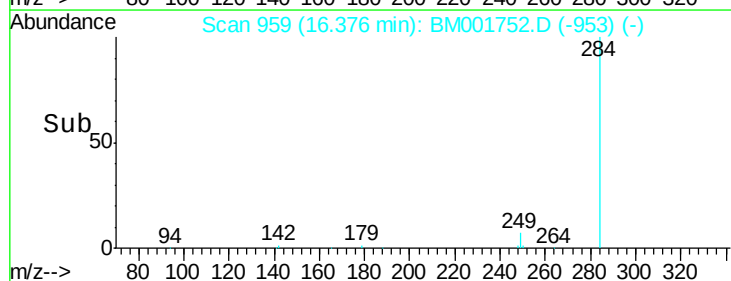
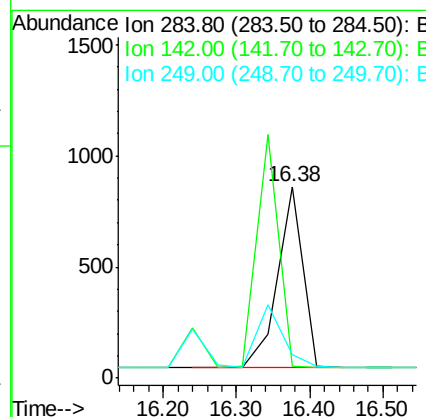
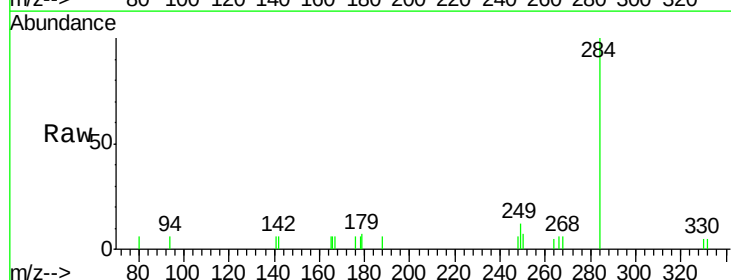
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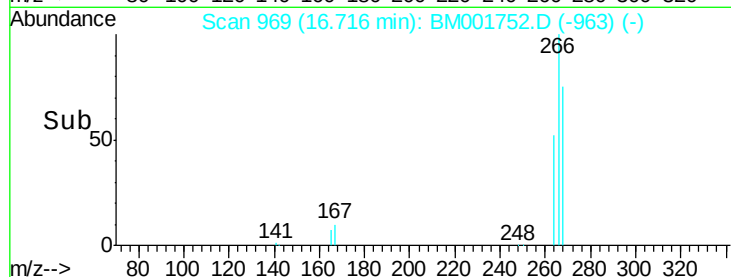
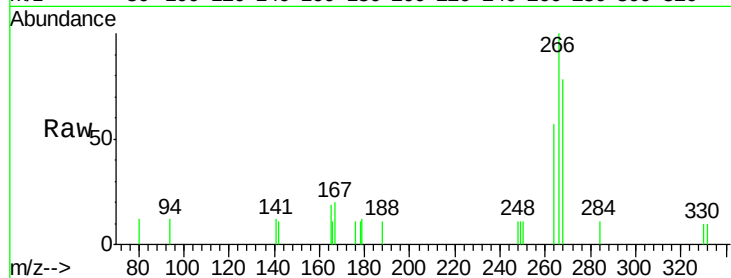
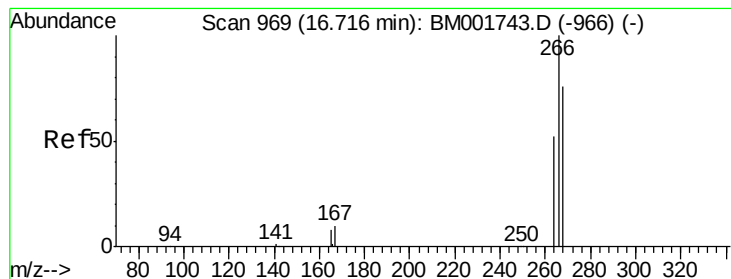
apatel  
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#20  
Hexachlorobenzene  
Concen: 1.05 ng  
RT: 16.38 min Scan# 959  
Delta R.T. 0.00 min  
Lab File: BM001752.D  
Acq: 19 Jun 2015 00:22

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





#21

Pentachlorophenol

Concen: 1.12 ng

RT: 16.72 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 944  |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 268       | 78.3  | 63.2  | 94.8 |
| 264       | 56.7  | 46.2  | 69.2 |

Instrument :

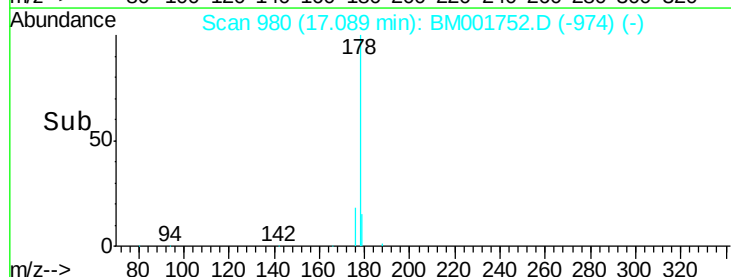
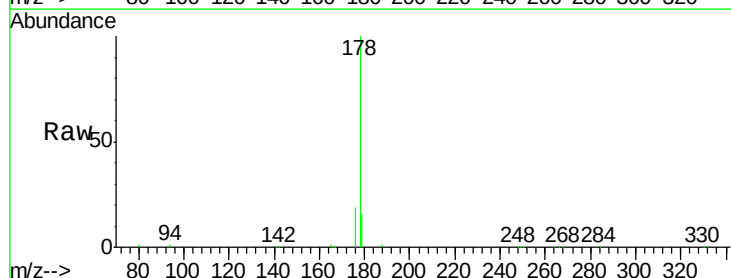
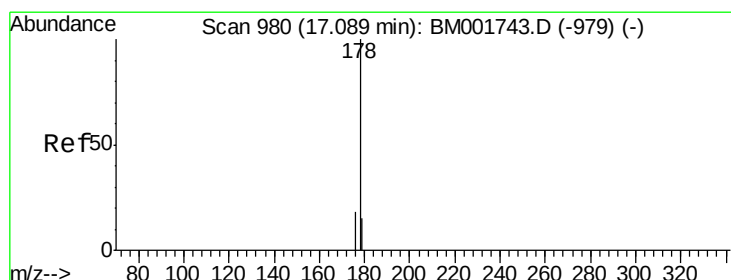
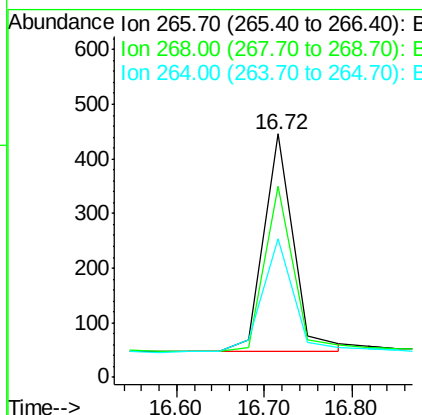
BNA\_M

ClientSampleId :

SSTDCCC001EC

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#22

Phenanthrene

Concen: 0.97 ng

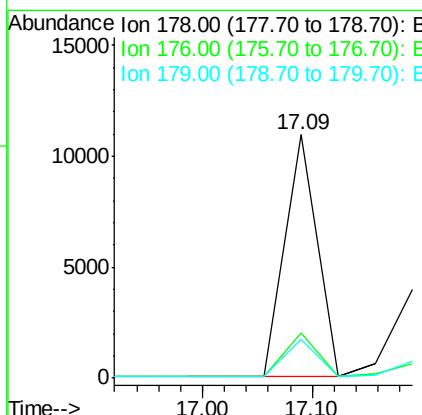
RT: 17.09 min Scan# 980

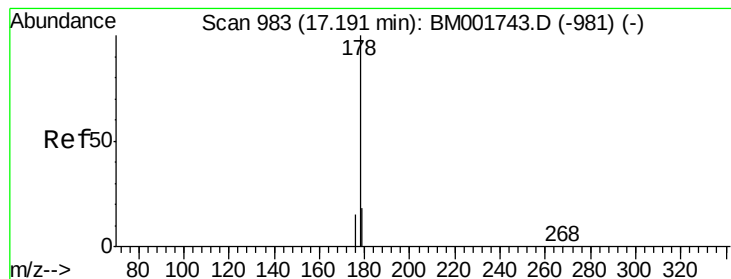
Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 22432 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 18.4  | 15.4  | 23.2  |
| 179       | 15.7  | 12.6  | 19.0  |





#23

Anthracene

Concen: 1.03 ng m

RT: 17.19 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

Instrument :

BNA\_M

ClientSampleId :

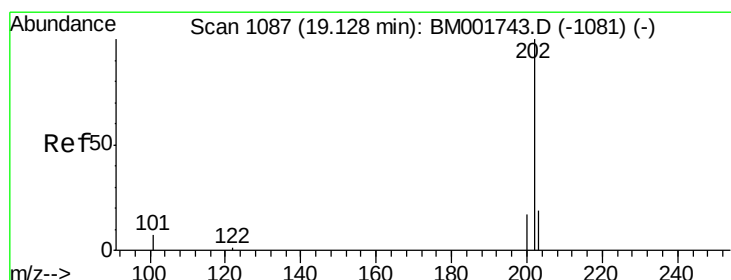
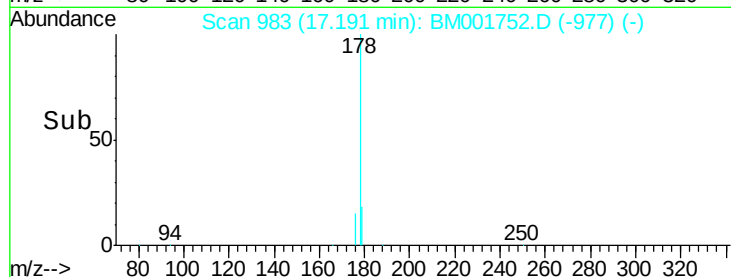
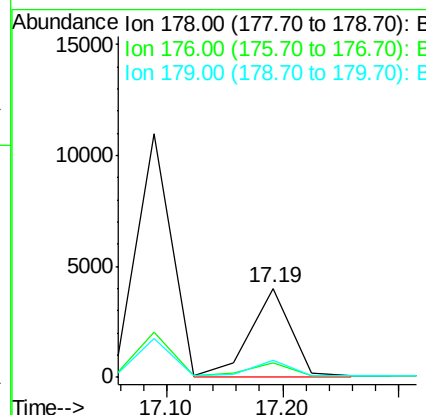
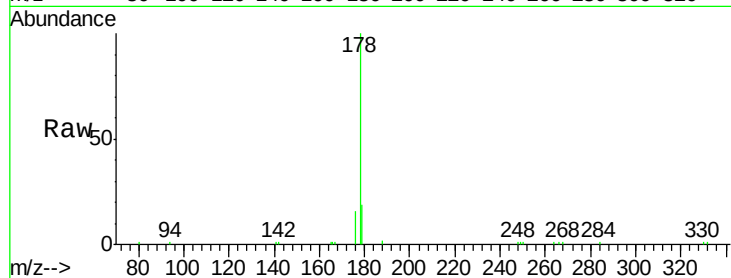
SSTDCCC001EC

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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 10038 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 11.7  | 10.0  | 15.0  |
| 179       | 14.7  | 12.3  | 18.5  |



#24

Fluoranthene

Concen: 1.06 ng

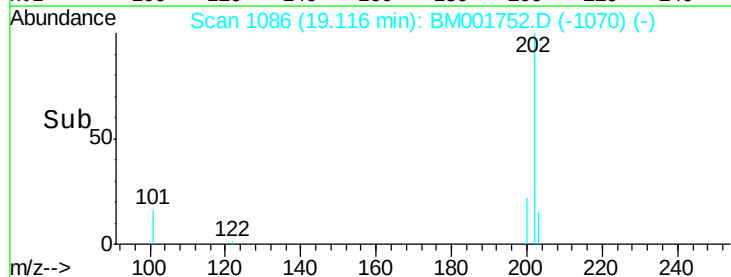
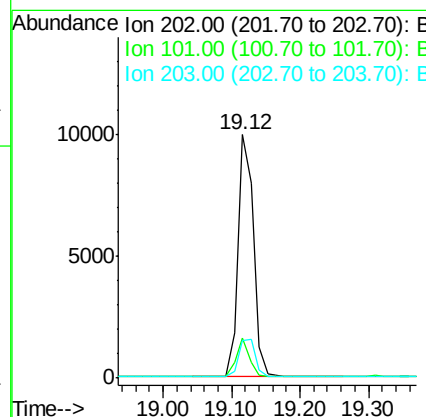
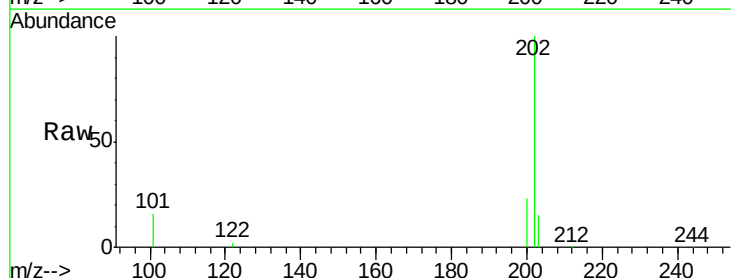
RT: 19.12 min Scan# 1086

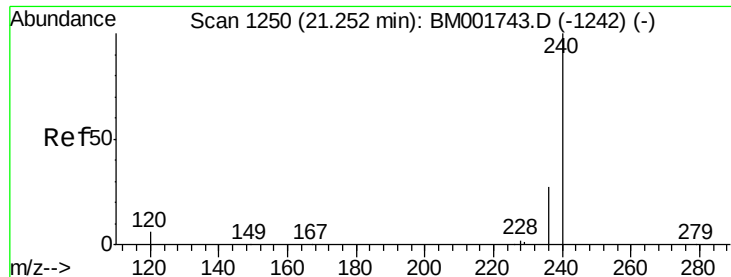
Delta R.T. -0.01 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 15450 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 13.9  | 10.8  | 16.2  |
| 203       | 16.9  | 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: BM001752.D

Acq: 19 Jun 2015 00:22

Instrument :

BNA\_M

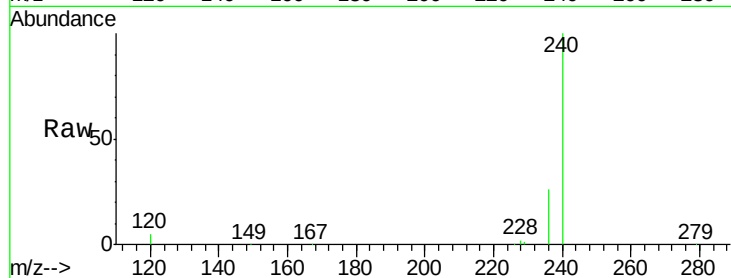
ClientSampleId :

SSTDCCC001EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 4.7   | 4.7   | 7.1#  |
| 236     | 26.3  | 21.6  | 32.4  |

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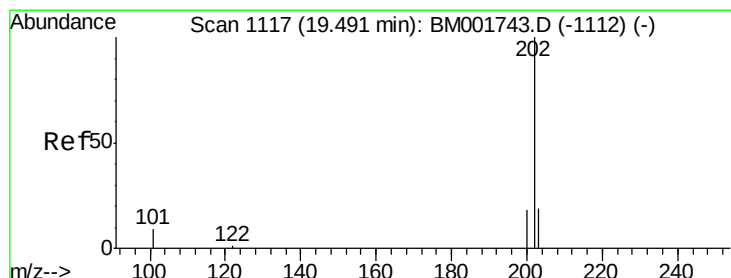
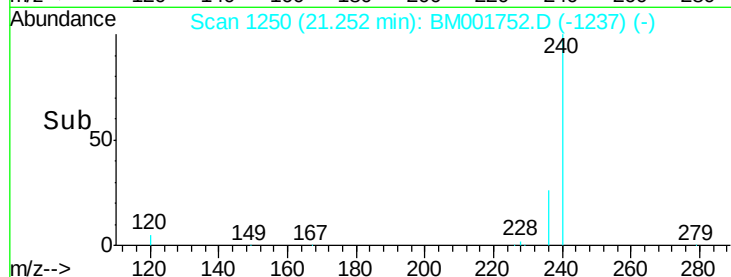
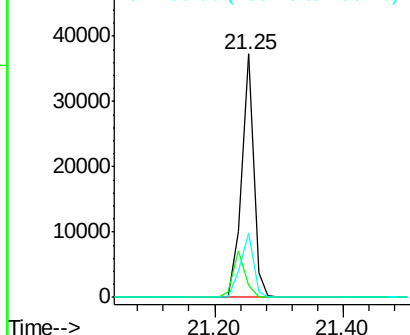
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 0.98 ng

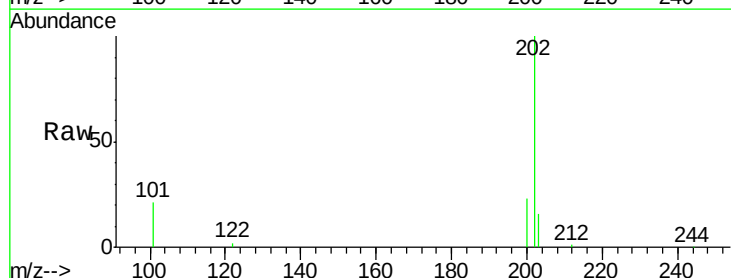
RT: 19.48 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

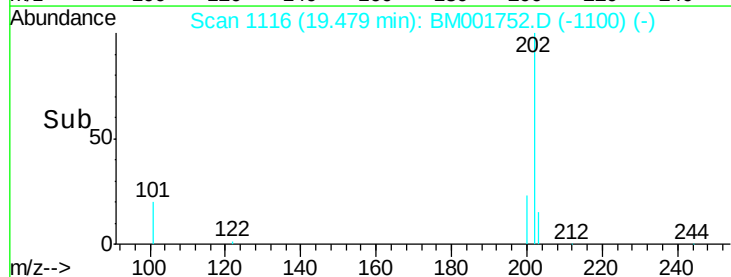
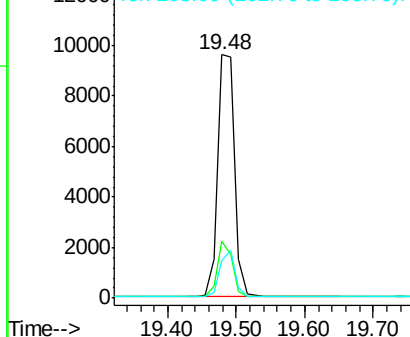
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.6  | 16.6  | 24.8  |
| 203     | 17.5  | 13.9  | 20.9  |

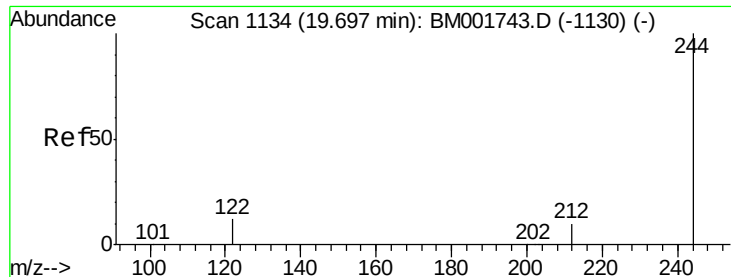


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





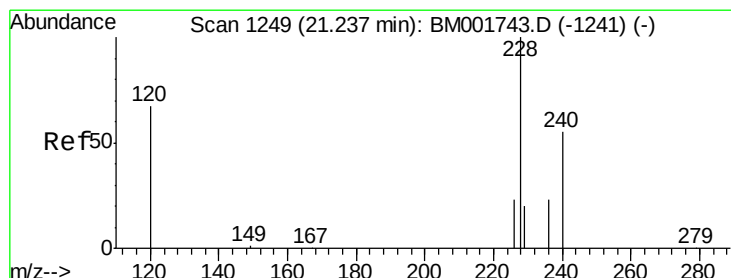
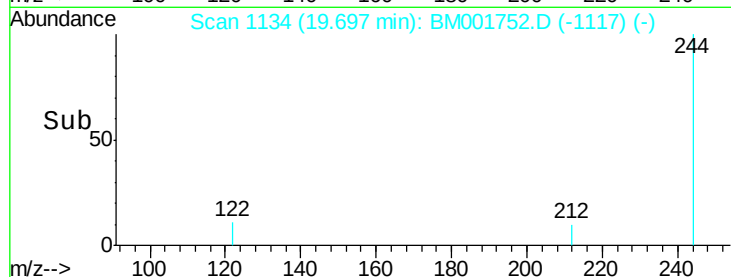
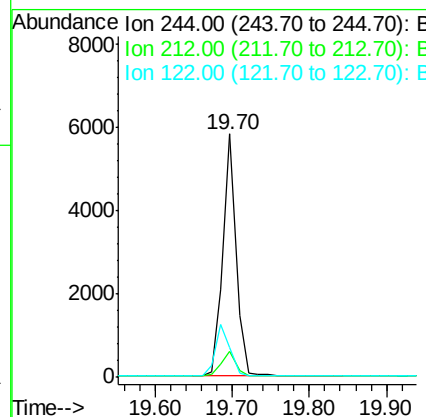
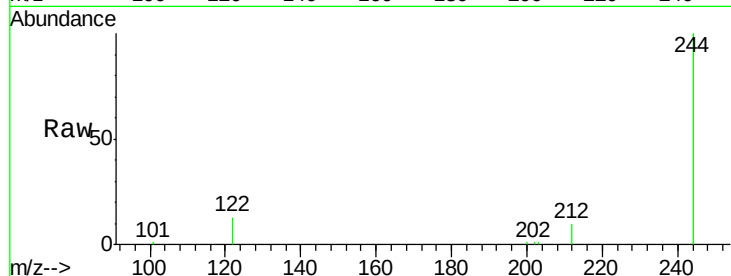
#27  
 Terphenyl-d14  
 Concen: 0.98 ng  
 RT: 19.70 min Scan# 1134  
 Delta R.T. 0.00 min  
 Lab File: BM001752.D  
 Acq: 19 Jun 2015 00:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 10.5  | 8.6   | 13.0  |
| 122     | 12.5  | 10.6  | 15.8  |

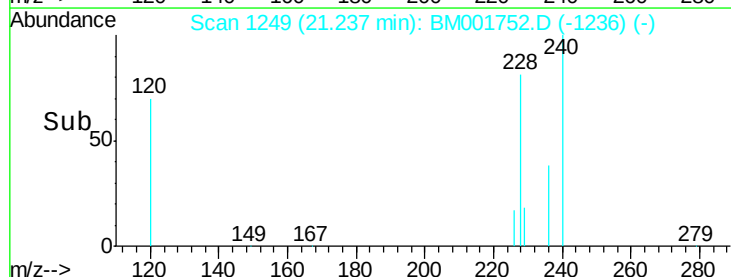
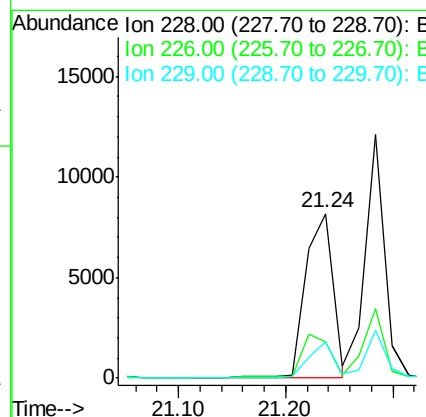
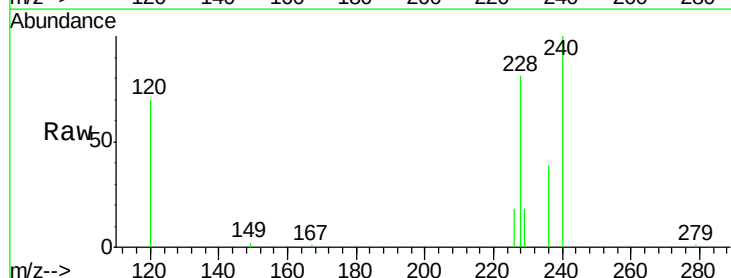
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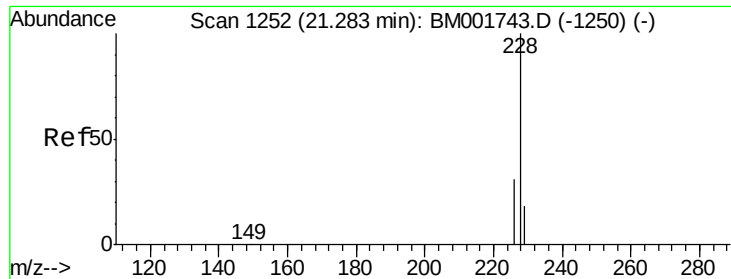


#28  
 Benzo(a)anthracene  
 Concen: 0.98 ng  
 RT: 21.24 min Scan# 1249  
 Delta R.T. 0.00 min  
 Lab File: BM001752.D  
 Acq: 19 Jun 2015 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 22.2  | 18.9  | 28.3  |
| 229     | 22.2  | 16.6  | 25.0  |







#29

Chrysene

Concen: 1.00 ng

RT: 21.28 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM001752.D

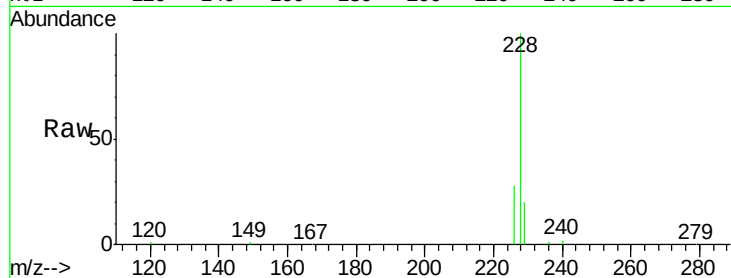
Acq: 19 Jun 2015 00:22

Instrument :

BNA\_M

ClientSampleId :

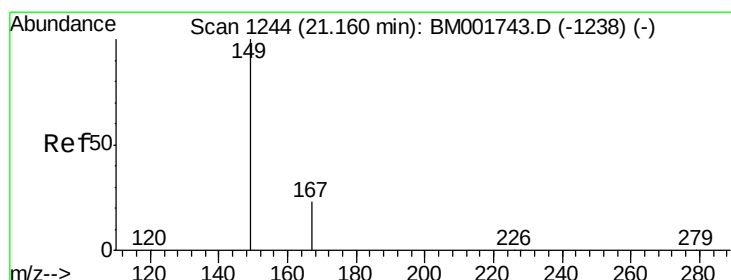
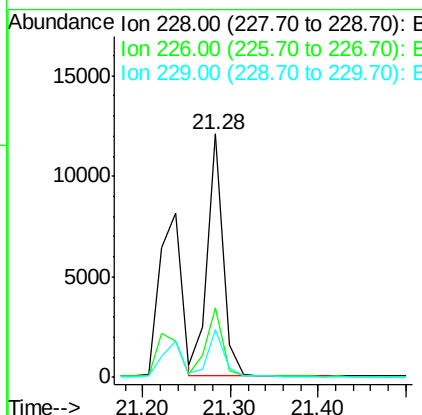
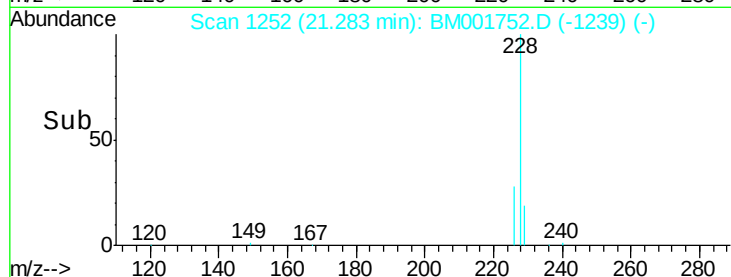
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|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 228  | Resp: | 15105 |
| Ion Ratio |      | Lower | Upper |
| 228       | 100  |       |       |
| 226       | 28.3 | 24.3  | 36.5  |
| 229       | 19.6 | 15.0  | 22.6  |

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#30

Bis(2-ethylhexyl)phthalate

Concen: 0.96 ng

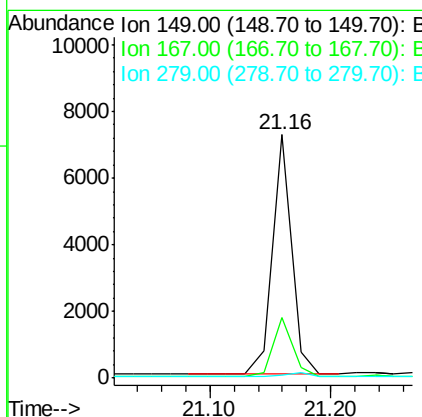
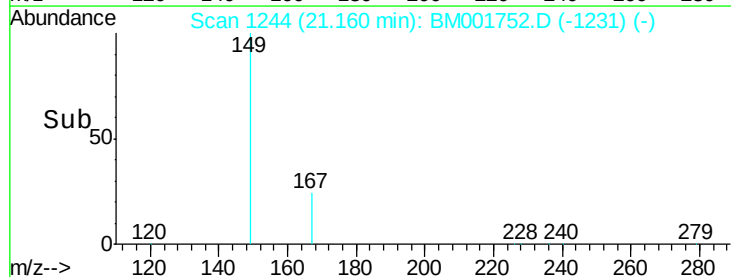
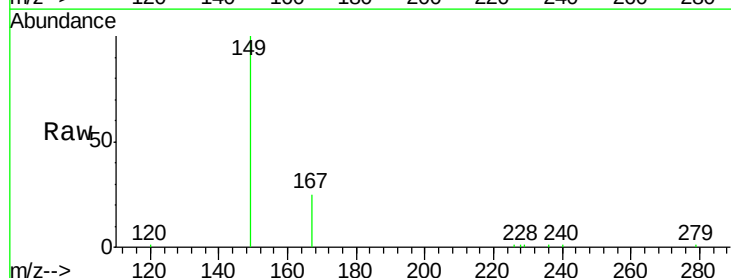
RT: 21.16 min Scan# 1244

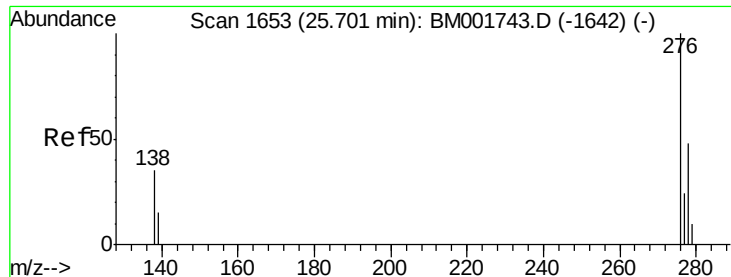
Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 149  | Resp: | 8018  |
| Ion Ratio |      | Lower | Upper |
| 149       | 100  |       |       |
| 167       | 24.8 | 19.7  | 29.5  |
| 279       | 2.0  | 1.6   | 2.4   |





#31

Indeno(1,2,3-cd)pyrene

Concen: 1.00 ng

RT: 25.70 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BM001752.D

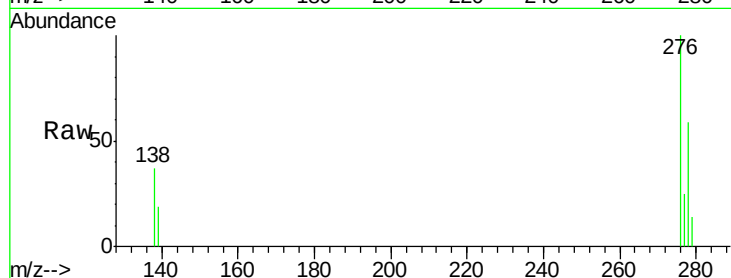
Acq: 19 Jun 2015 00:22

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC



Tgt Ion:276 Resp: 14586

Ion Ratio Lower Upper

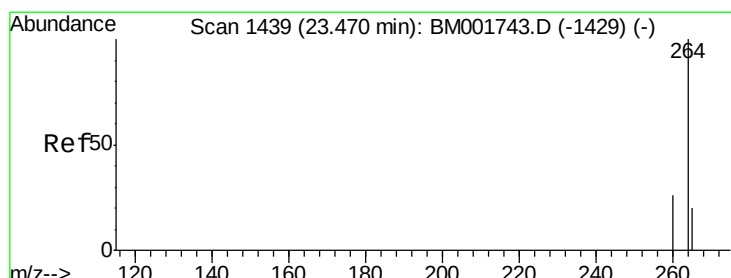
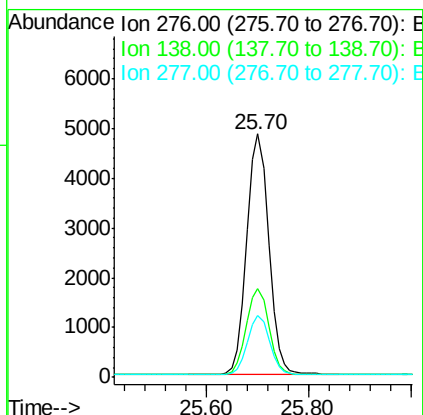
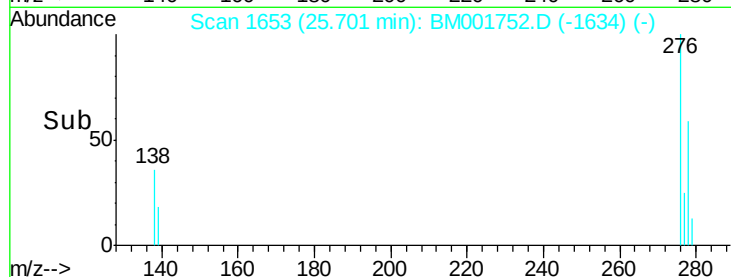
276 100

138 36.6 29.0 43.6

277 24.8 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: BM001752.D

Acq: 19 Jun 2015 00:22

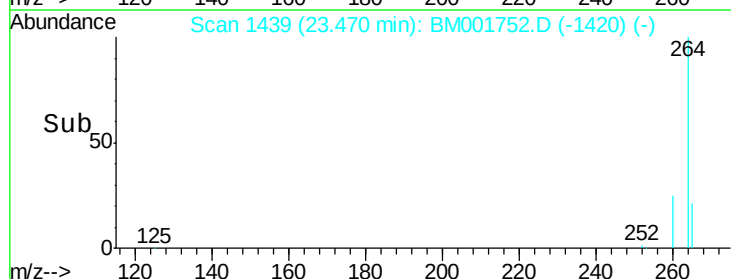
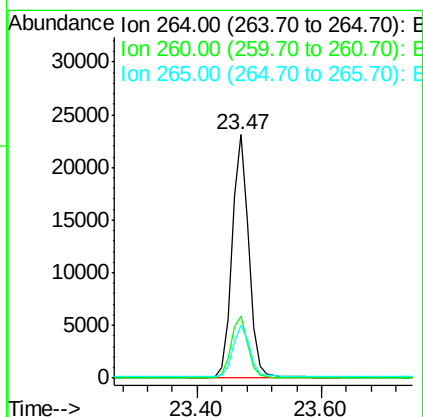
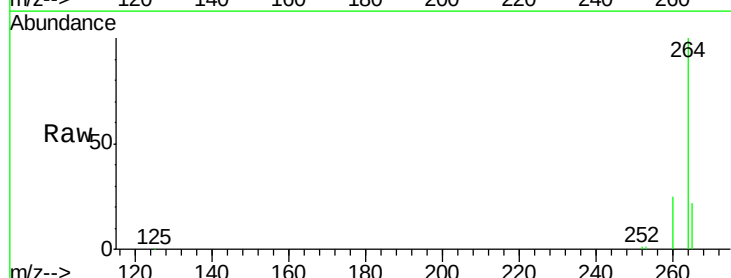
Tgt Ion:264 Resp: 43059

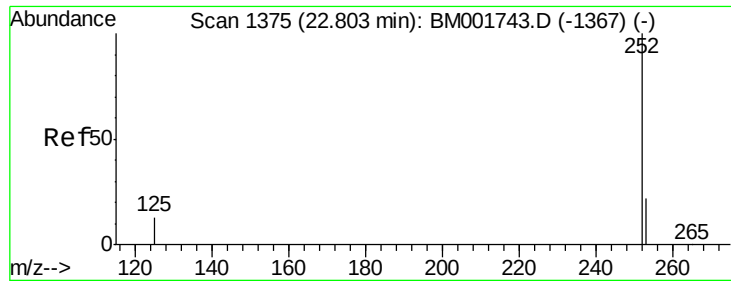
Ion Ratio Lower Upper

264 100

260 25.3 20.8 31.2

265 21.8 16.8 25.2





#33

Benzo(b)fluoranthene

Concen: 0.94 ng

RT: 22.79 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BM001752.D

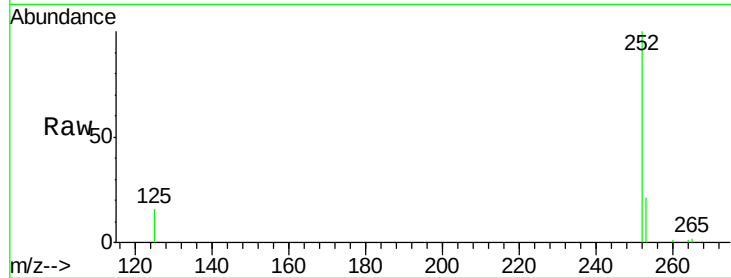
Acq: 19 Jun 2015 00:22

Instrument :

BNA\_M

ClientSampleId :

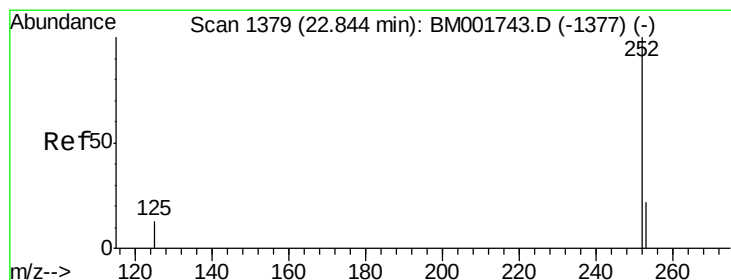
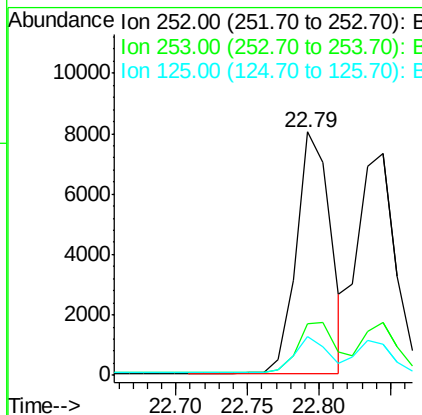
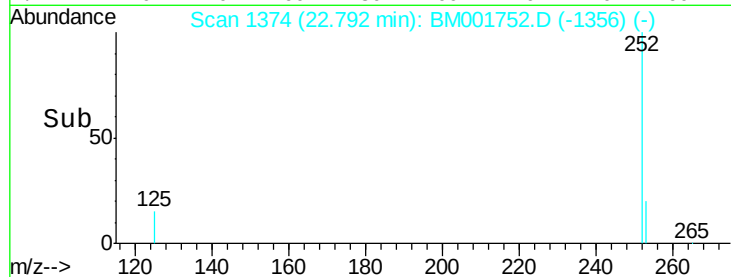
SSTDCCC001EC



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 13252 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 21.4  | 19.0  | 28.4  |
| 125       | 15.8  | 11.3  | 16.9  |

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#34

Benzo(k)fluoranthene

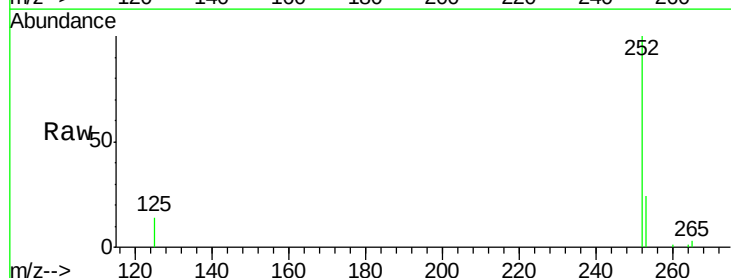
Concen: 1.06 ng

RT: 22.84 min Scan# 1379

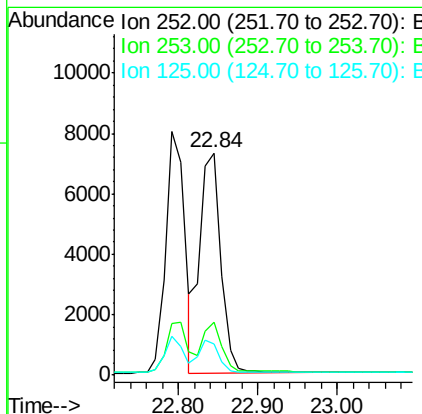
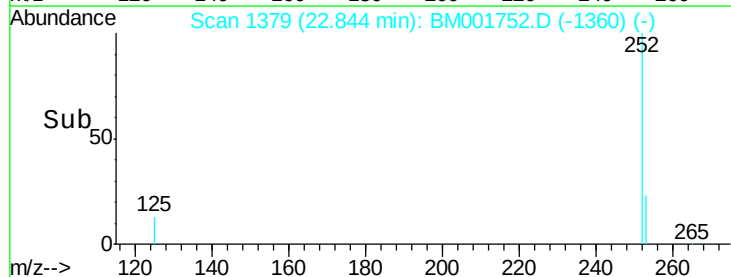
Delta R.T. 0.00 min

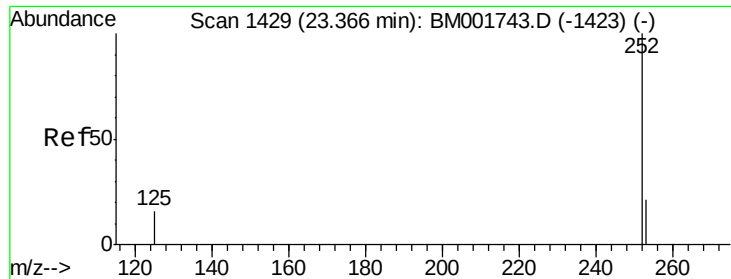
Lab File: BM001752.D

Acq: 19 Jun 2015 00:22



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 13382 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 24.0  | 18.2  | 27.4  |
| 125       | 14.0  | 11.8  | 17.6  |





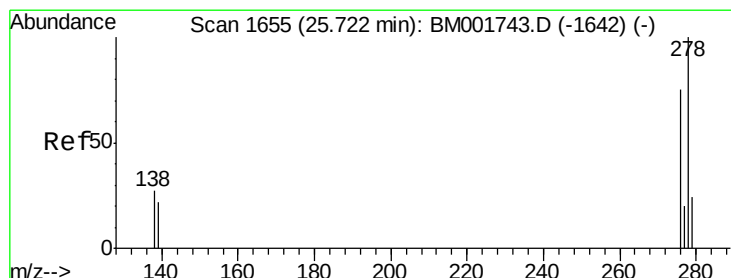
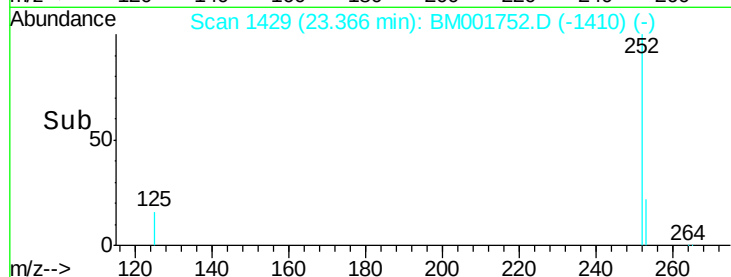
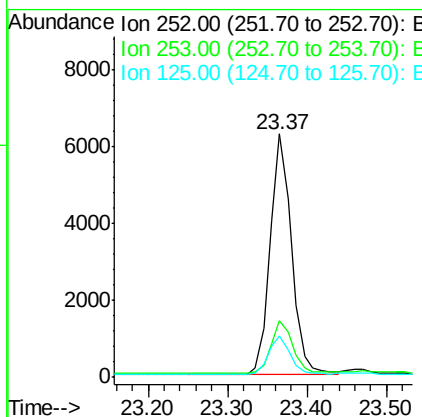
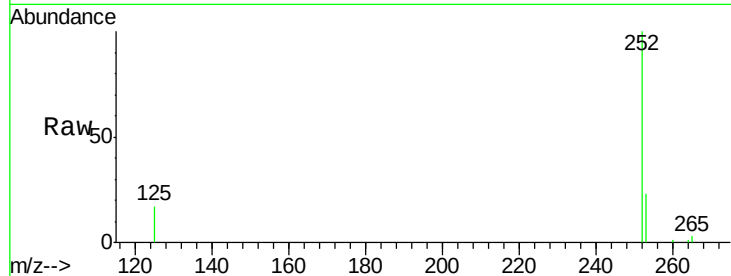
#35  
Benzo(a)pyrene  
Concen: 1.00 ng  
RT: 23.37 min Scan# 1429  
Delta R.T. 0.00 min  
Lab File: BM001752.D  
Acq: 19 Jun 2015 00:22

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.2  | 17.9  | 26.9  |
| 125     | 16.8  | 14.1  | 21.1  |

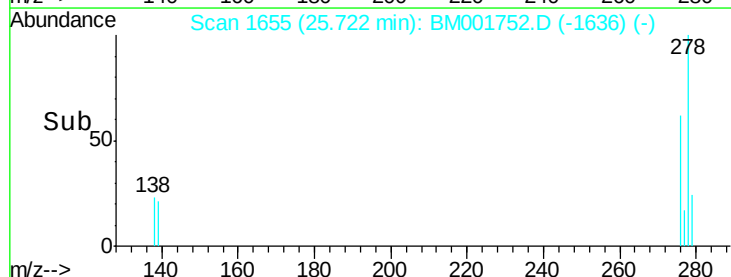
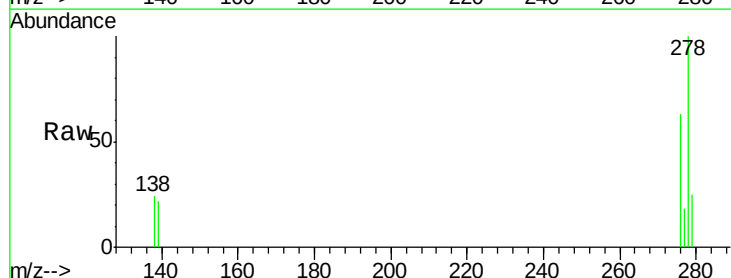
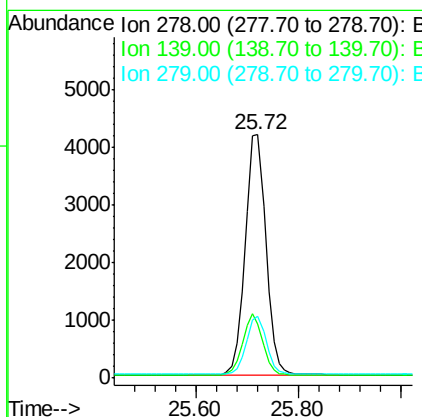
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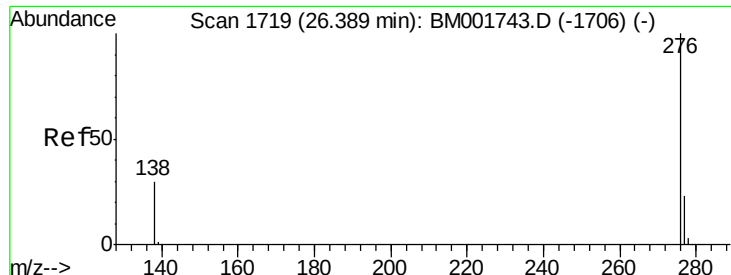
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#36  
Dibenzo(a,h)anthracene  
Concen: 1.00 ng  
RT: 25.72 min Scan# 1655  
Delta R.T. 0.00 min  
Lab File: BM001752.D  
Acq: 19 Jun 2015 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 22.2  | 18.4  | 27.6  |
| 279     | 25.3  | 19.8  | 29.8  |





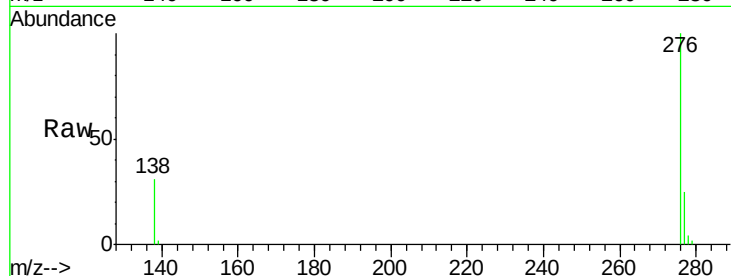
#37  
 Benzo(g,h,i)perylene  
 Concen: 0.99 ng  
 RT: 26.39 min Scan# 1719  
 Delta R.T. 0.00 min  
 Lab File: BM001752.D  
 Acq: 19 Jun 2015 00:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001EC

| Tgt | Ion  | Ratio | Lower | Upper |
|-----|------|-------|-------|-------|
| 276 | 100  |       |       |       |
| 277 | 24.6 | 19.3  | 28.9  |       |
| 138 | 31.4 | 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

