

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM060815\  
 Data File : BM001596.D  
 Acq On : 08 Jun 2015 22:46  
 Operator : TP/IZ  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
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 6/10/2015 1:03:51 PM

Quant Time: Jun 09 18:08:25 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SIM-BM060815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 09 16:51:10 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.69  | 152  | 19106    | 5.00  | ng    | 0.00     |
| 6) Naphthalene-d8              | 10.47 | 136  | 67329    | 5.00  | ng    | 0.00     |
| 12) Acenaphthene-d10           | 14.34 | 164  | 31063    | 5.00  | ng    | 0.00     |
| 18) Phenanthrene-d10           | 17.06 | 188  | 35782    | 5.00  | ng    | 0.00     |
| 25) Chrysene-d12               | 21.28 | 240  | 52456    | 5.00  | ng    | 0.00     |
| 32) Perylene-d12               | 23.51 | 264  | 46797    | 5.00  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.28  | 112  | 45996    | 10.59 | ng    | 0.00     |
| 5) Phenol-d6                   | 6.86  | 99   | 57596    | 10.81 | ng    | 0.00     |
| 7) Nitrobenzene-d5             | 8.85  | 82   | 52686    | 11.10 | ng    | 0.00     |
| 13) 2,4,6-Tribromophenol       | 15.84 | 330  | 14906    | 11.89 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl           | 12.97 | 172  | 100089   | 9.90  | ng    | 0.00     |
| 27) Terphenyl-d14              | 19.72 | 244  | 69743    | 10.18 | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                 | 3.21  | 88   | 19016    | 9.05  | ng    | 96       |
| 3) n-Nitrosodimethylamine      | 3.51  | 42   | 32910    | 10.83 | ng    | 94       |
| 8) Nitrobenzene                | 8.89  | 77   | 57199    | 11.23 | ng    | 98       |
| 9) Naphthalene                 | 10.52 | 128  | 149354   | 9.90  | ng    | 99       |
| 10) Hexachlorobutadiene        | 10.82 | 225  | 26066    | 10.04 | ng    | 99       |
| 11) 2-Methylnaphthalene        | 12.15 | 142  | 94829    | 10.27 | ng    | 90       |
| 15) Acenaphthylene             | 14.05 | 152  | 154288   | 11.07 | ng    | 100      |
| 16) Acenaphthene               | 14.40 | 154  | 91009    | 10.38 | ng    | 96       |
| 19) 4-Bromophenyl-phenylether  | 16.28 | 248  | 35011    | 10.38 | ng    | # 60     |
| 22) Phenanthrene               | 17.13 | 178  | 88596m   | 6.65  | ng    |          |
| 24) Fluoranthene               | 19.15 | 202  | 165821   | 12.07 | ng    | 100      |
| 26) Pyrene                     | 19.51 | 202  | 176523   | 10.38 | ng    | 99       |
| 28) Benzo(a)anthracene         | 21.25 | 228  | 152619   | 9.95  | ng    | 99       |
| 29) Chrysene                   | 21.31 | 228  | 144224   | 9.94  | ng    | 97       |
| 30) Bis(2-ethylhexyl)phthalate | 21.19 | 149  | 111531   | 12.59 | ng    | 100      |
| 31) Indeno(1,2,3-cd)pyrene     | 25.77 | 276  | 151166   | 10.27 | ng    | 100      |
| 33) Benzo(b)fluoranthene       | 22.83 | 252  | 141635   | 10.07 | ng    | 97       |
| 34) Benzo(k)fluoranthene       | 22.88 | 252  | 142987m  | 10.56 | ng    |          |
| 35) Benzo(a)pyrene             | 23.41 | 252  | 130473   | 10.50 | ng    | 96       |
| 36) Dibenzo(a,h)anthracene     | 25.78 | 278  | 118048   | 10.39 | ng    | 97       |
| 37) Benzo(g,h,i)perylene       | 26.46 | 276  | 122783   | 10.03 | ng    | 99       |

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

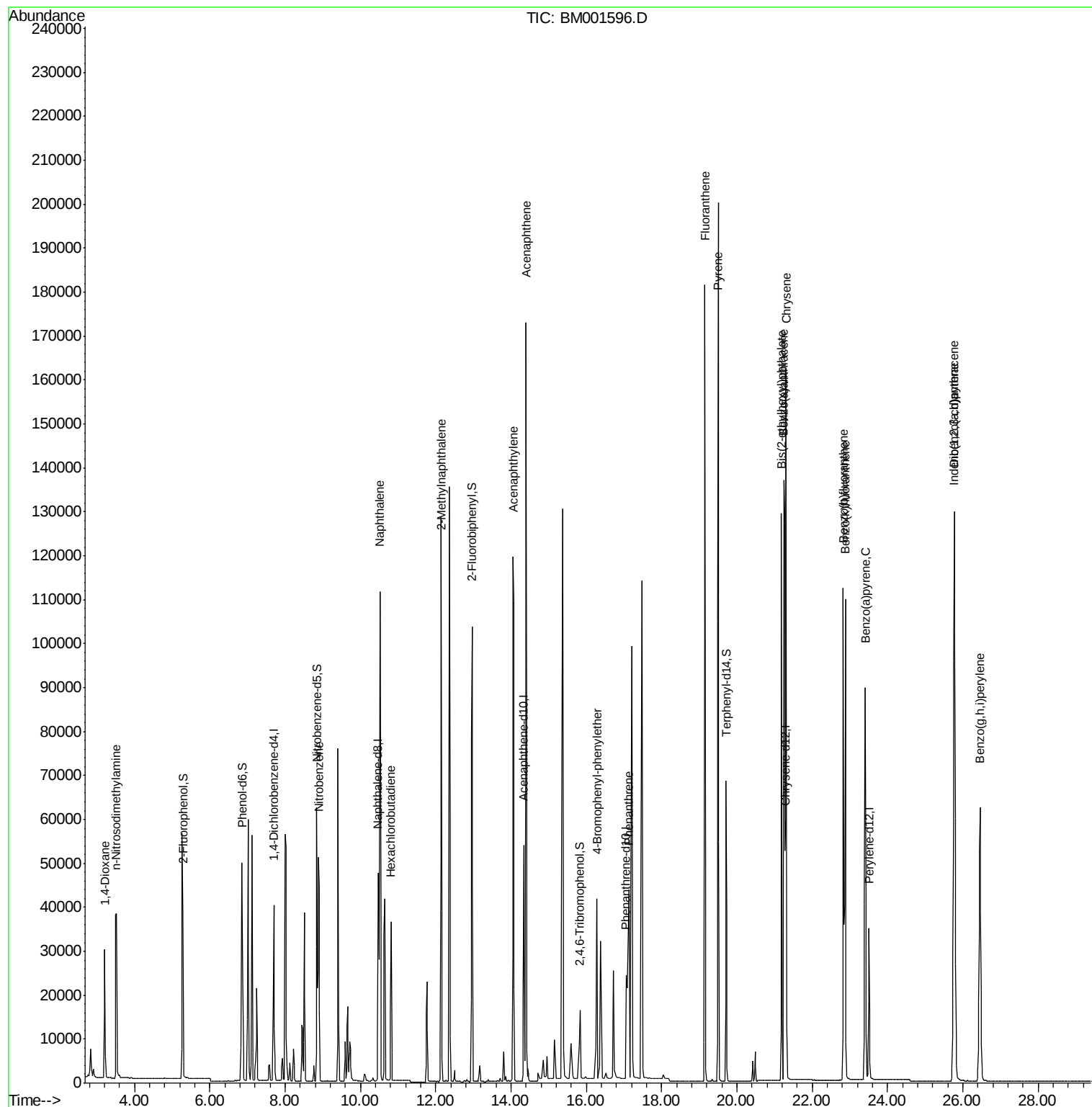
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM060815\  
Data File : BM001596.D  
Acq On : 08 Jun 2015 22:46  
Operator : TP/IZ  
Sample : SSTDICC010  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

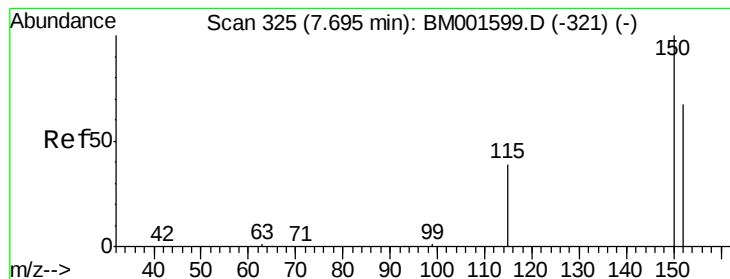
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC010

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Quant Time: Jun 09 18:08:25 2015  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SIM-BM060815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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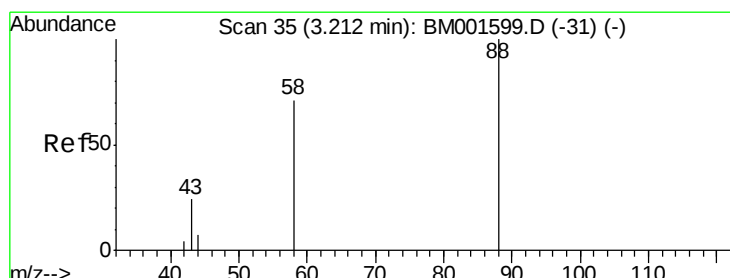
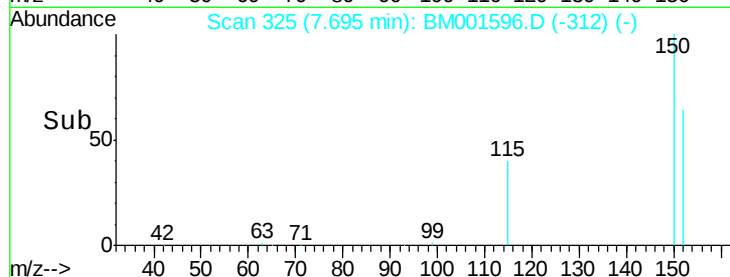
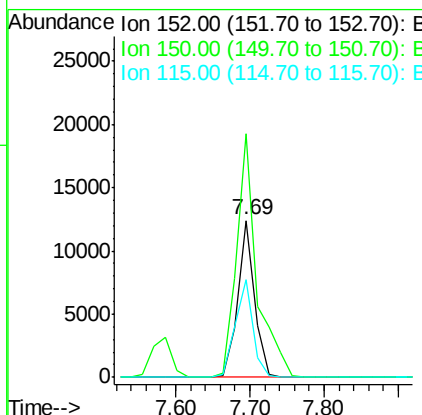
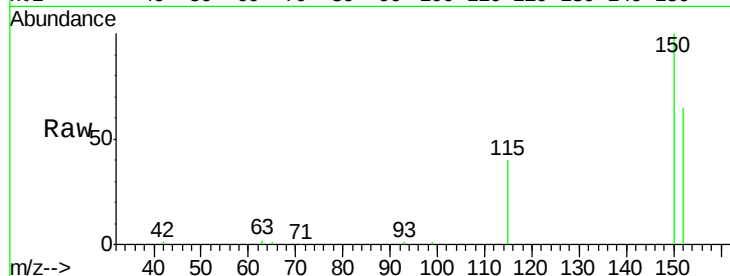
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 5.00 ng  
 RT: 7.69 min Scan# 325  
 Delta R.T. 0.00 min  
 Lab File: BM001596.D  
 Acq: 08 Jun 2015 22:46

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.0 | 120.1 | 180.1 |
| 115     | 62.0  | 47.0  | 70.6  |

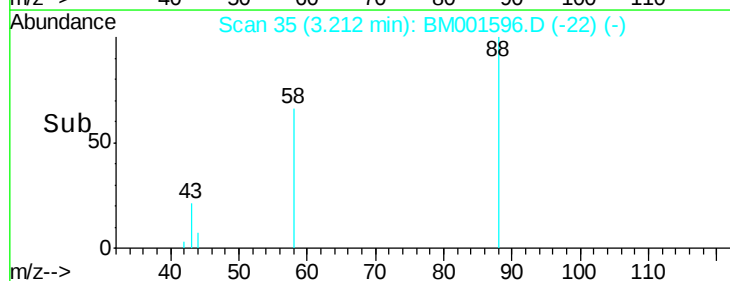
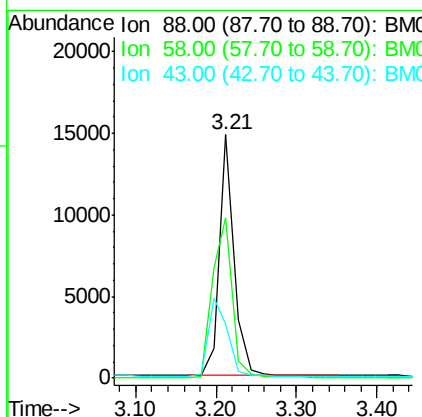
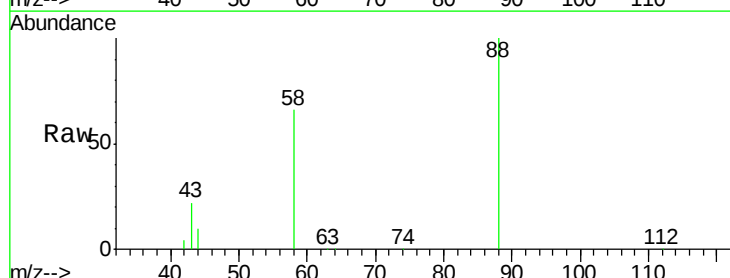
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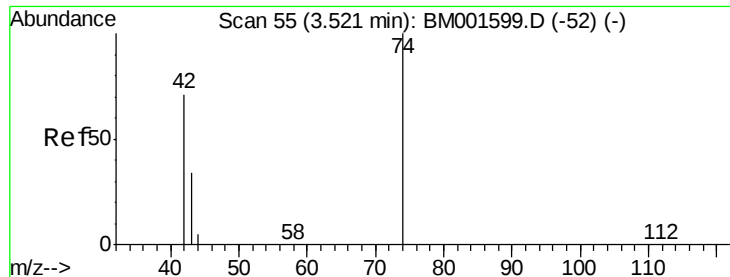
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#2  
 1,4-Dioxane  
 Concen: 9.05 ng  
 RT: 3.21 min Scan# 35  
 Delta R.T. 0.00 min  
 Lab File: BM001596.D  
 Acq: 08 Jun 2015 22:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 86.9  | 65.5  | 98.3  |
| 43      | 41.4  | 32.2  | 48.2  |





#3

n-Nitrosodimethylamine

Concen: 10.83 ng

RT: 3.51 min Scan# 54

Delta R.T. 0.00 min

Lab File: BM001596.D

Acq: 08 Jun 2015 22:46

Instrument :

BNA\_M

ClientSampleId :

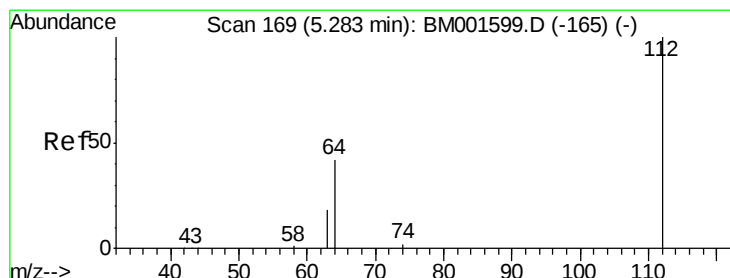
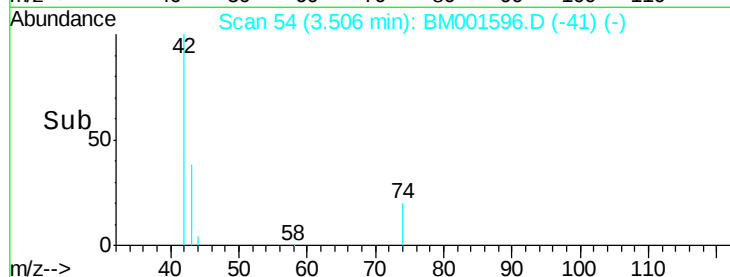
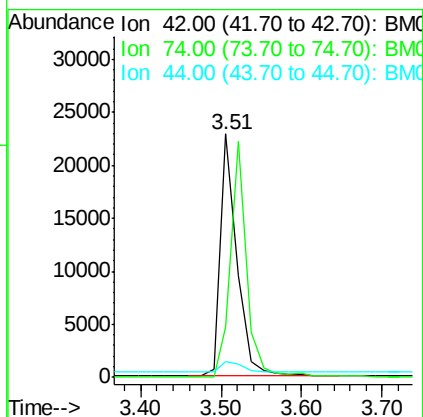
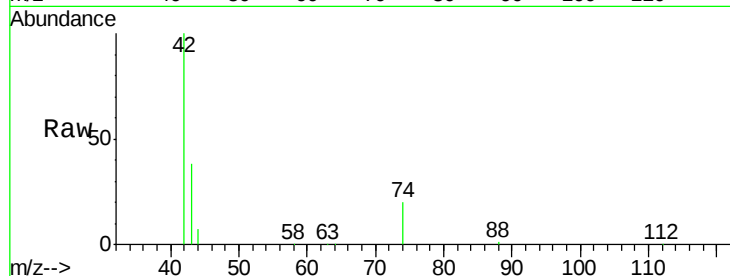
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 93.2  | 79.5  | 119.3 |
| 44      | 5.9   | 5.7   | 8.5   |



#4

2-Fluorophenol

Concen: 10.59 ng

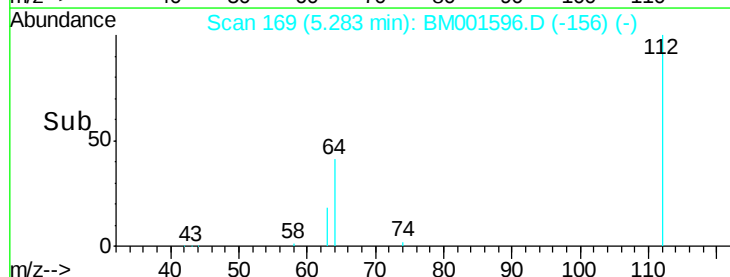
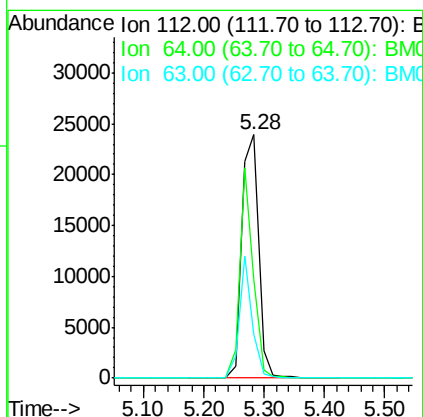
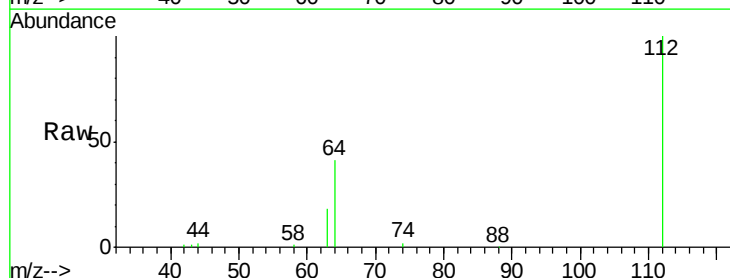
RT: 5.28 min Scan# 169

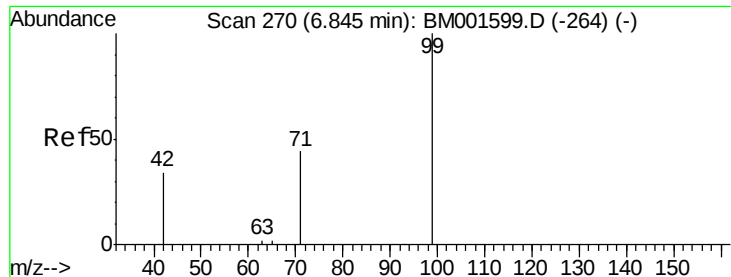
Delta R.T. 0.00 min

Lab File: BM001596.D

Acq: 08 Jun 2015 22:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 68.9  | 54.8  | 82.2  |
| 63      | 38.2  | 30.5  | 45.7  |





#5

Phenol-d6

Concen: 10.81 ng

RT: 6.86 min Scan# 271

Delta R.T. 0.00 min

Lab File: BM001596.D

Acq: 08 Jun 2015 22:46

Instrument :

BNA\_M

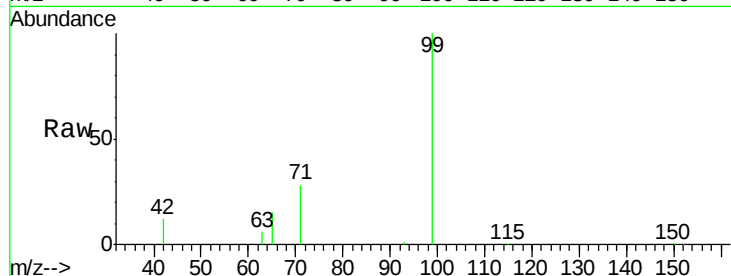
ClientSampleId :

SSTDIC010

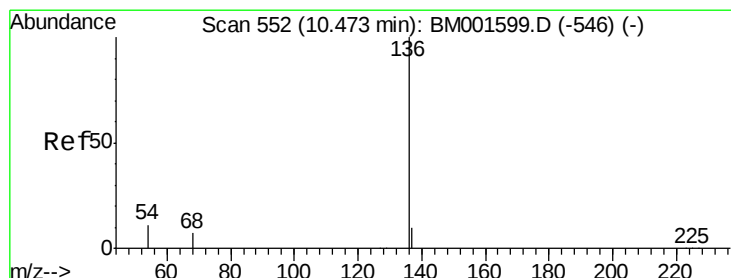
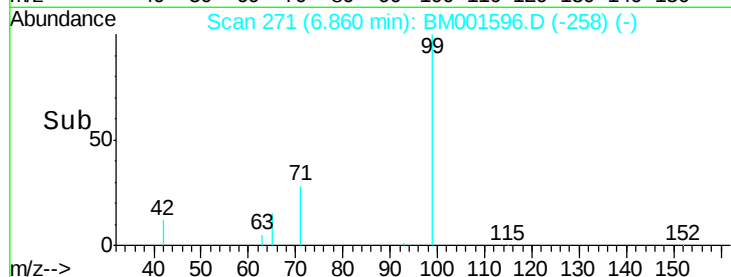
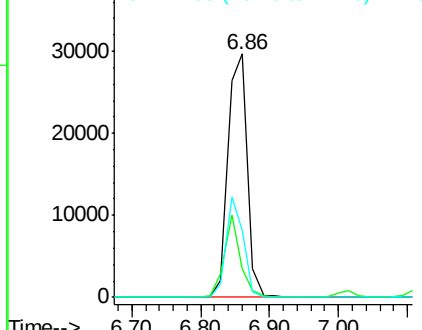
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 57596 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 27.7  | 21.6  | 32.4  |
| 71       | 36.8  | 28.7  | 43.1  |

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Abundance Ion 99.00 (98.70 to 99.70): BM001599.D (-264) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

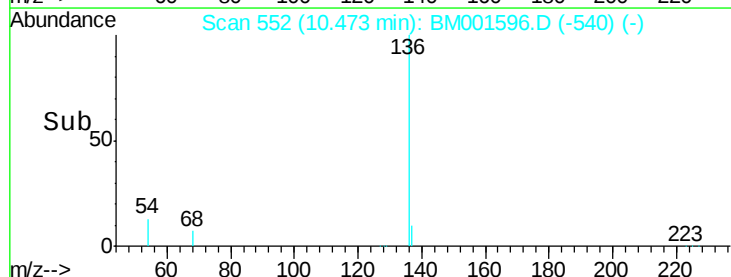
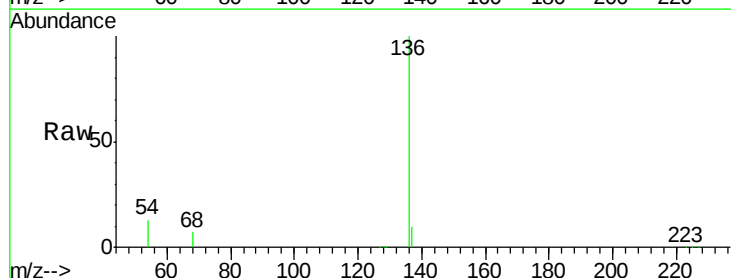
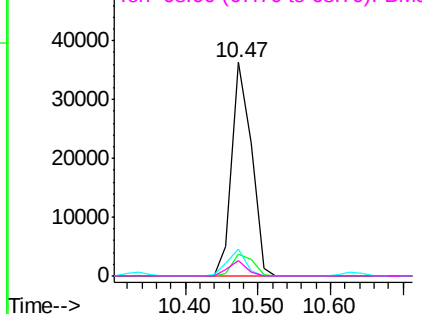
Delta R.T. 0.00 min

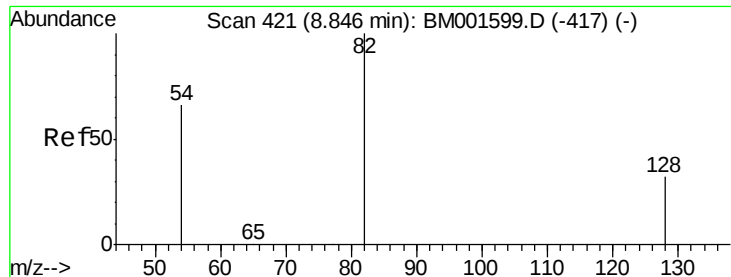
Lab File: BM001596.D

Acq: 08 Jun 2015 22:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 67329 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 10.3  | 8.3   | 12.5  |
| 54       | 12.7  | 9.2   | 13.8  |
| 68       | 7.4   | 5.5   | 8.3   |

Abundance Ion 136.00 (135.70 to 136.70): BM001599.D (-546) (-)





#7

Nitrobenzene-d5

Concen: 11.10 ng

RT: 8.85 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM001596.D

Acq: 08 Jun 2015 22:46

Instrument :

BNA\_M

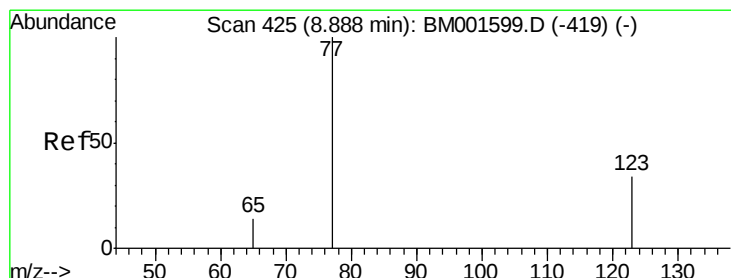
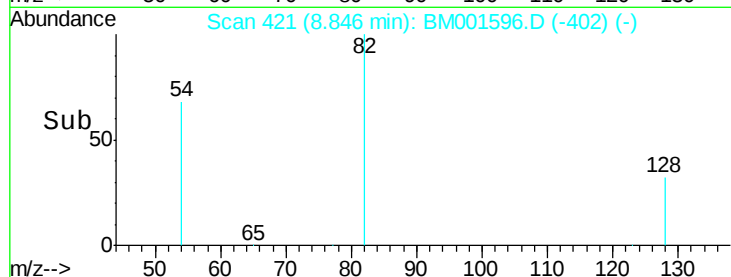
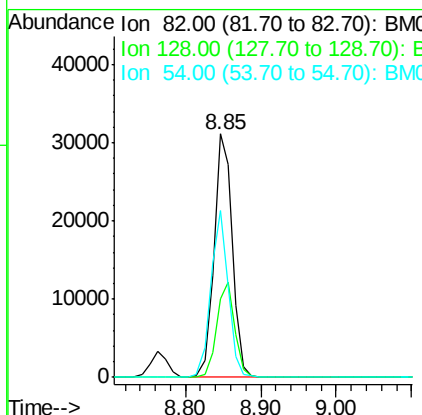
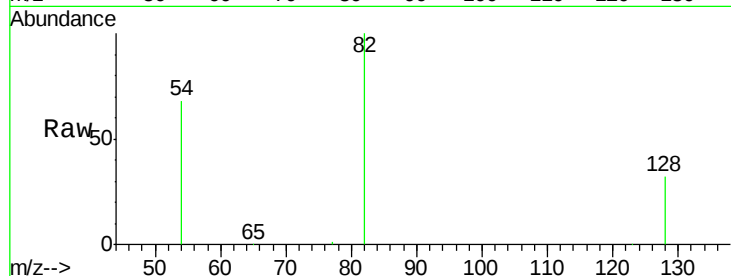
ClientSampleId :

SSTDIC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 52686 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 32.2  | 26.6  | 40.0  |
| 54        | 68.5  | 53.0  | 79.6  |

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#8

Nitrobenzene

Concen: 11.23 ng

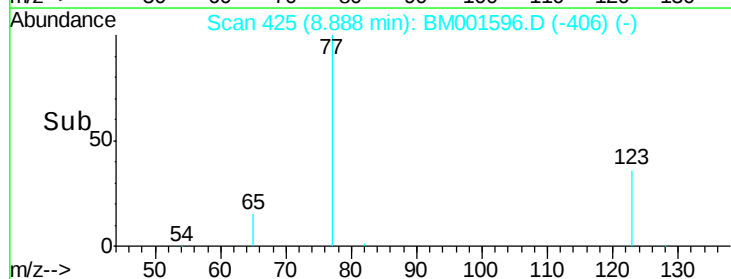
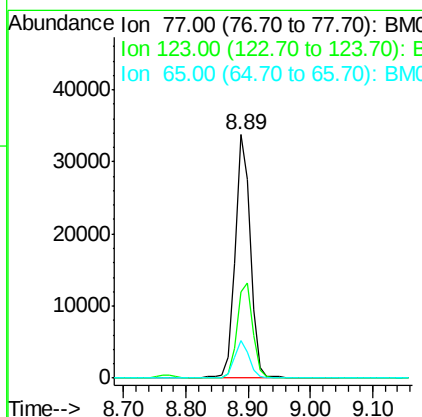
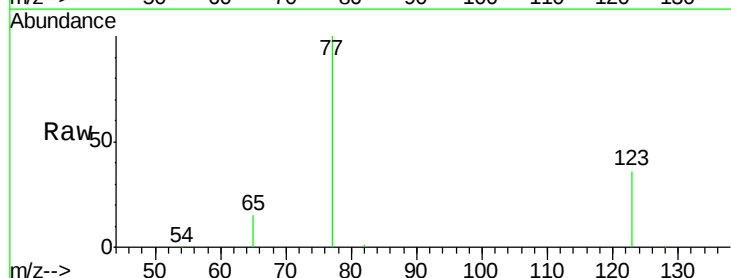
RT: 8.89 min Scan# 425

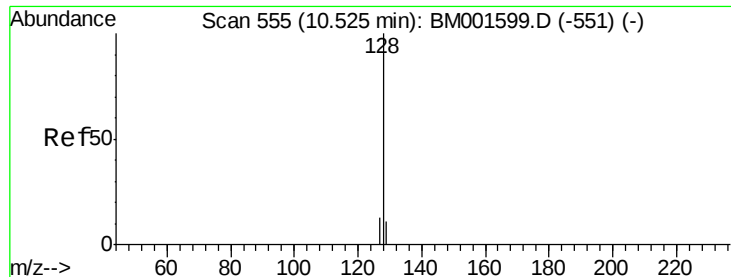
Delta R.T. 0.00 min

Lab File: BM001596.D

Acq: 08 Jun 2015 22:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 57199 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 123       | 40.5  | 31.0  | 46.6  |
| 65        | 14.7  | 11.4  | 17.0  |





#9

Naphthalene

Concen: 9.90 ng

RT: 10.52 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM001596.D

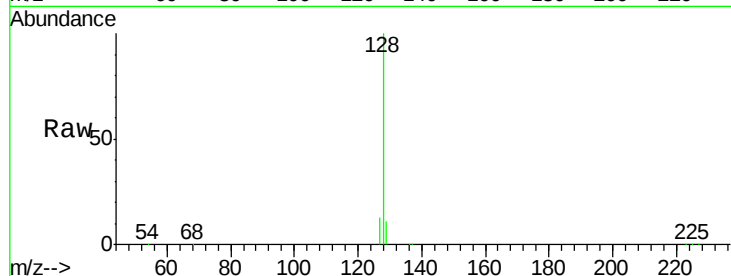
Acq: 08 Jun 2015 22:46

Instrument :

BNA\_M

ClientSampleId :

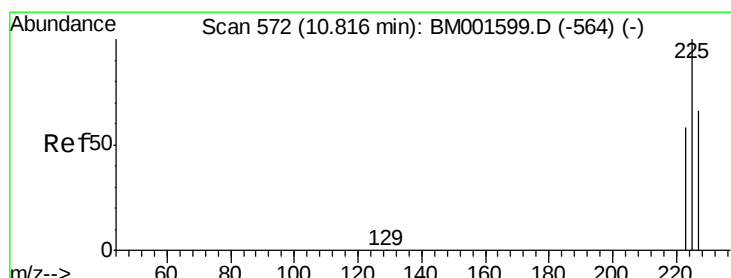
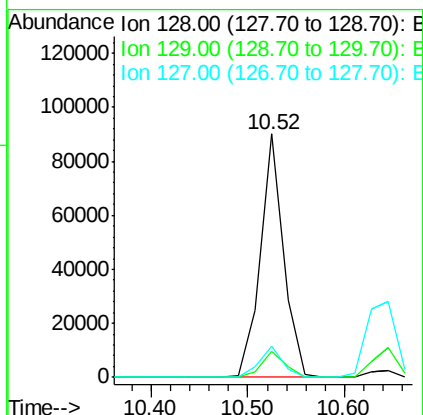
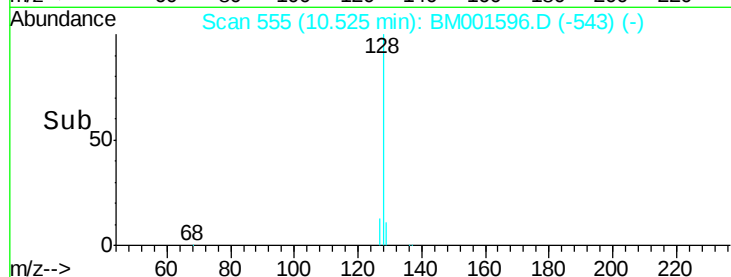
SSTDIC010



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.8  | 9.1   | 13.7  |
| 127     | 12.8  | 10.4  | 15.6  |

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#10

Hexachlorobutadiene

Concen: 10.04 ng

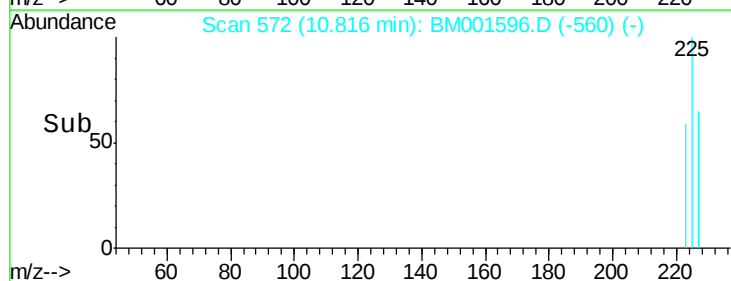
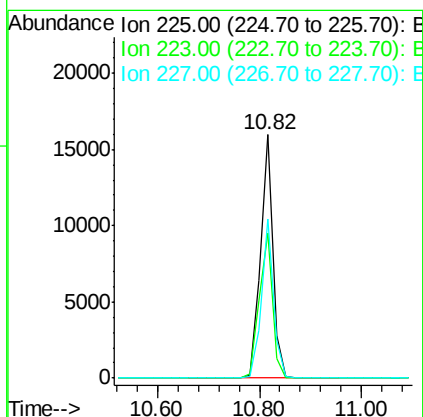
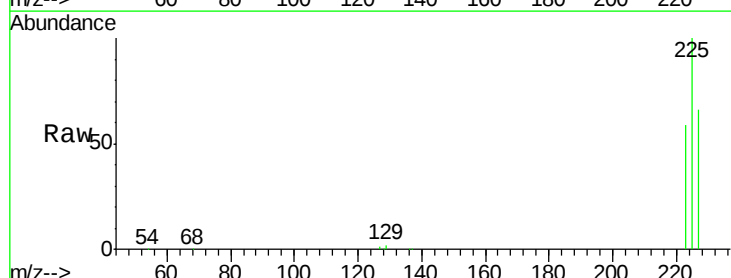
RT: 10.82 min Scan# 572

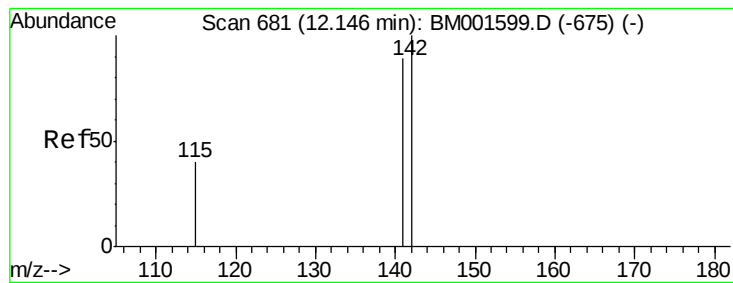
Delta R.T. 0.00 min

Lab File: BM001596.D

Acq: 08 Jun 2015 22:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.1  | 49.8  | 74.8  |
| 227     | 63.4  | 50.9  | 76.3  |





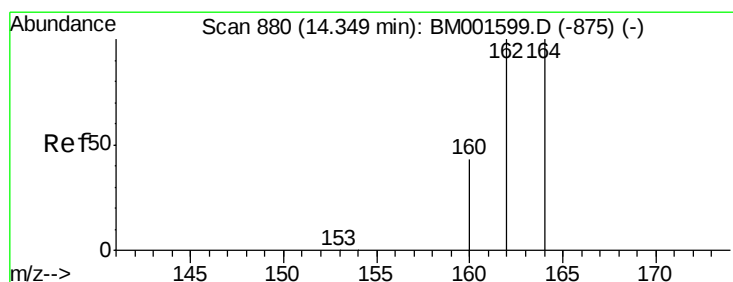
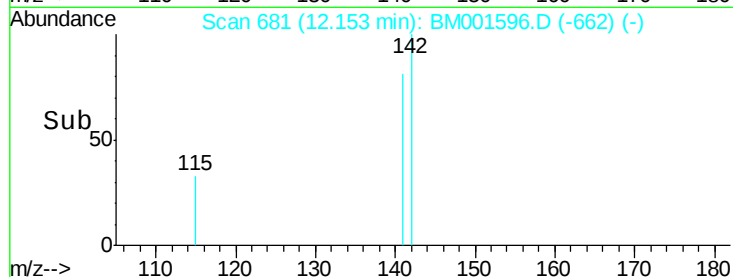
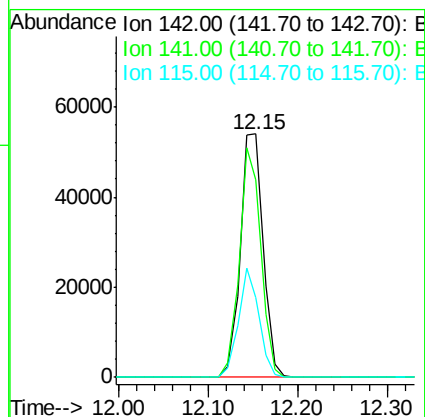
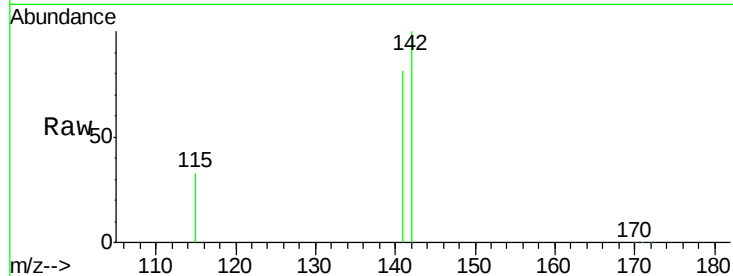
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2-Methylnaphthalene  
Concen: 10.27 ng  
RT: 12.15 min Scan# 681  
Delta R.T. 0.00 min  
Lab File: BM001596.D  
Acq: 08 Jun 2015 22:46

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 81.1  | 71.3  | 106.9 |
| 115     | 32.8  | 32.1  | 48.1  |

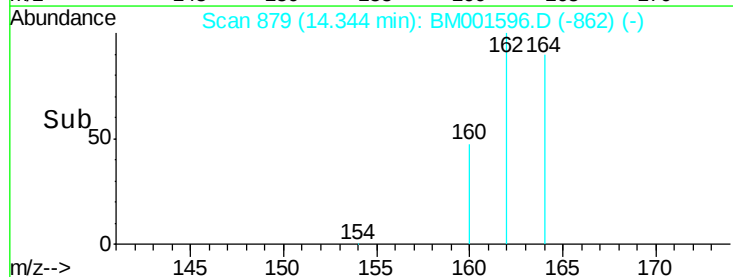
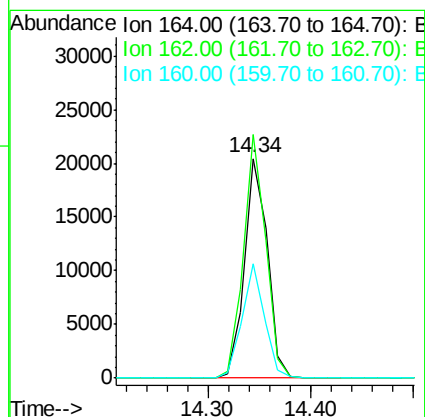
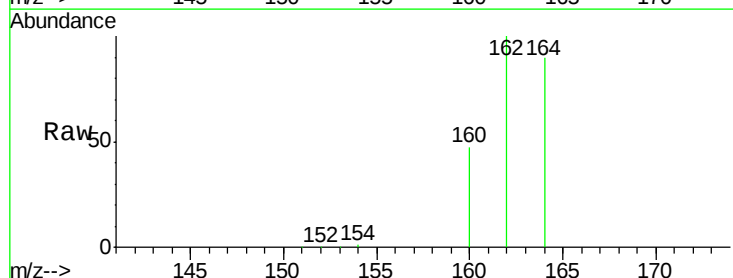
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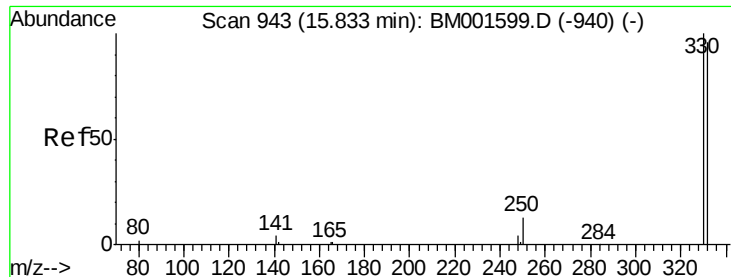
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#12  
Acenaphthene-d10  
Concen: 5.00 ng  
RT: 14.34 min Scan# 879  
Delta R.T. 0.00 min  
Lab File: BM001596.D  
Acq: 08 Jun 2015 22:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 110.9 | 79.8  | 119.6 |
| 160     | 52.0  | 34.6  | 51.8# |





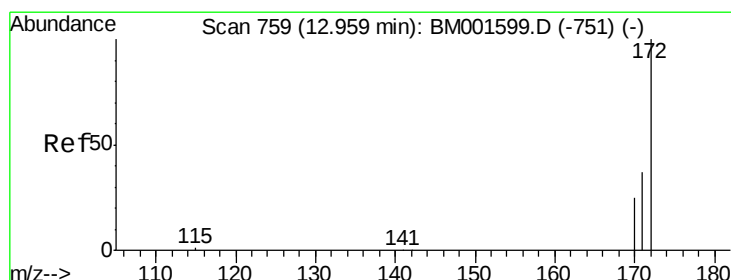
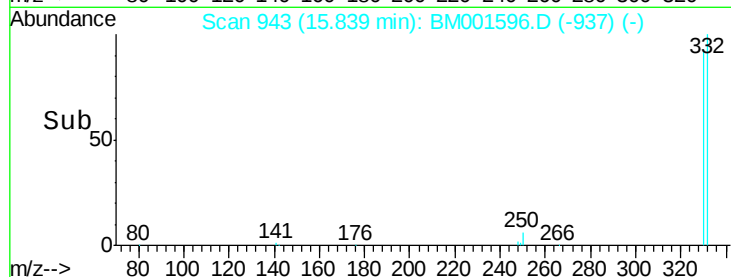
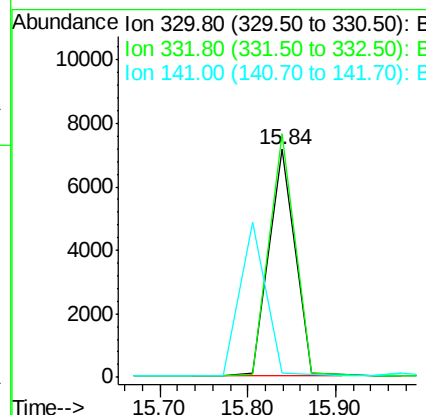
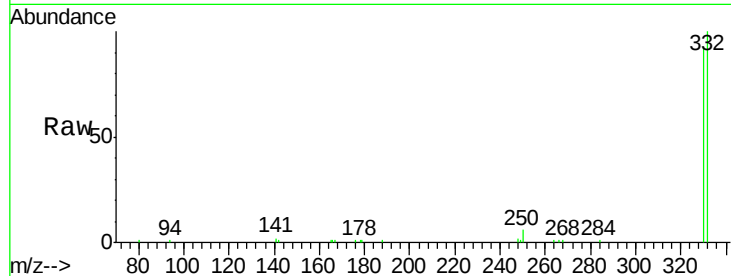
#13  
 2,4,6-Tribromophenol  
 Concen: 11.89 ng  
 RT: 15.84 min Scan# 943  
 Delta R.T. 0.00 min  
 Lab File: BM001596.D  
 Acq: 08 Jun 2015 22:46

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 14906 |       |       |
| 332     | 106.4 | 76.7  | 115.1 |       |
| 141     | 0.0   | 0.0   | 0.0   |       |

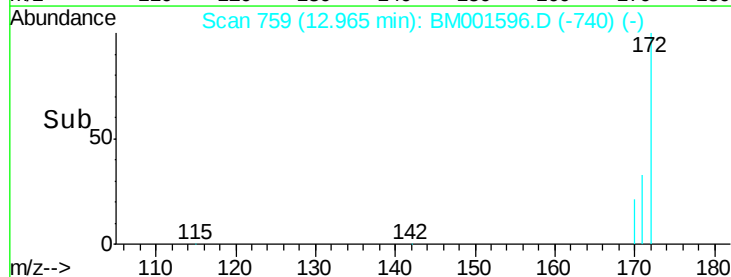
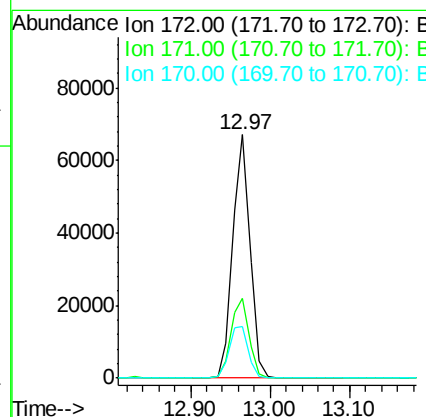
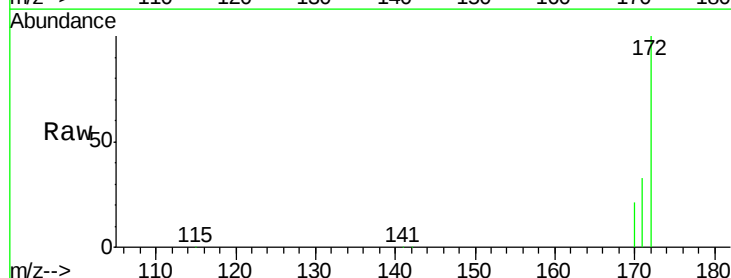
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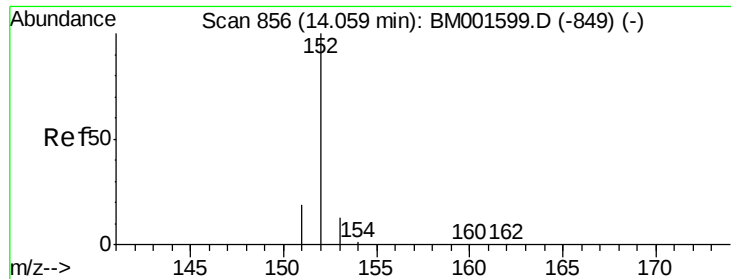
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#14  
 2-Fluorobiphenyl  
 Concen: 9.90 ng  
 RT: 12.97 min Scan# 759  
 Delta R.T. 0.00 min  
 Lab File: BM001596.D  
 Acq: 08 Jun 2015 22:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 100089 |       |       |
| 171     | 33.0  | 29.6   | 44.4  |       |
| 170     | 21.0  | 20.6   | 31.0  |       |





#15

Acenaphthylene

Concen: 11.07 ng

RT: 14.05 min Scan# 855

Delta R.T. 0.00 min

Lab File: BM001596.D

Acq: 08 Jun 2015 22:46

Instrument :

BNA\_M

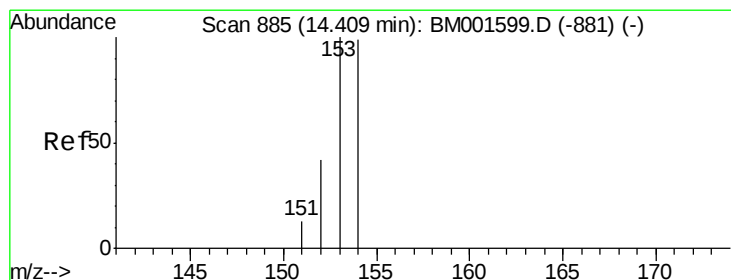
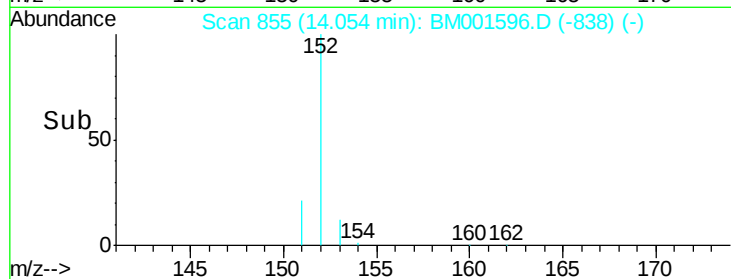
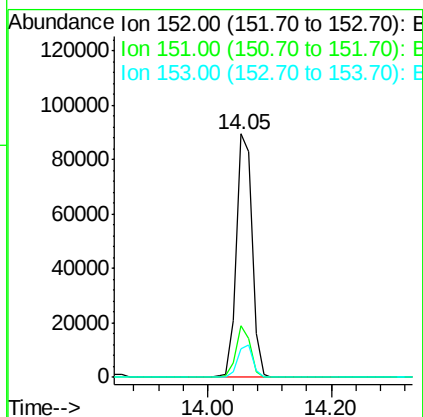
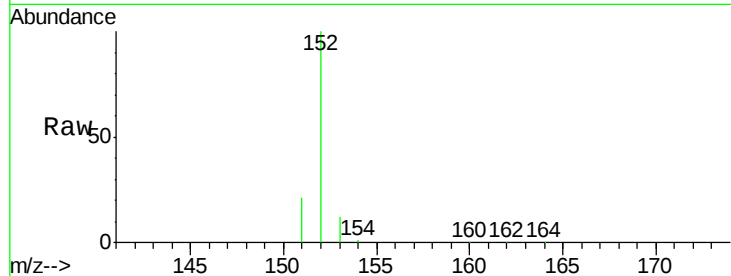
ClientSampleId :

SSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 154288 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.2  | 15.5  | 23.3   |
| 153       | 13.0  | 10.3  | 15.5   |

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#16

Acenaphthene

Concen: 10.38 ng

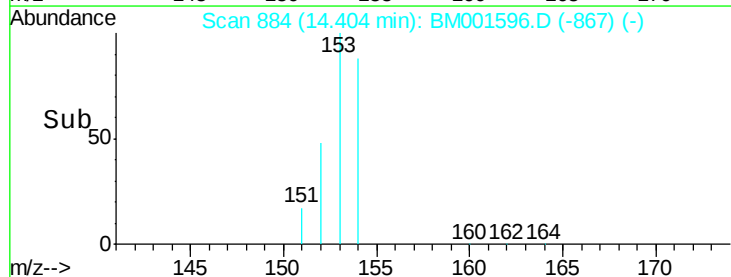
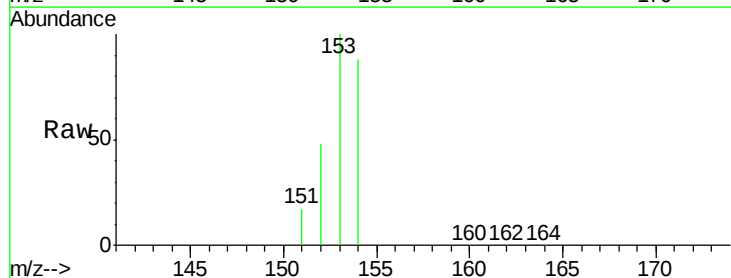
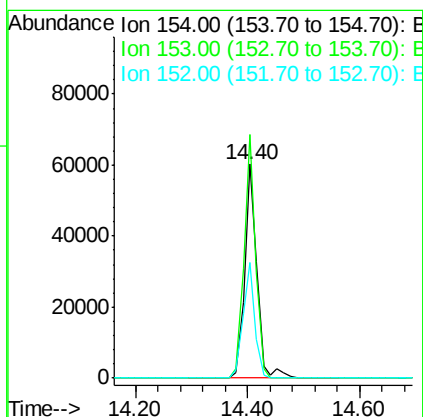
RT: 14.40 min Scan# 884

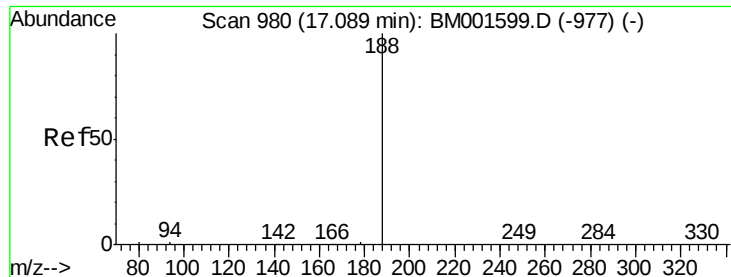
Delta R.T. 0.00 min

Lab File: BM001596.D

Acq: 08 Jun 2015 22:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 91009 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 107.0 | 89.4  | 134.0 |
| 152       | 51.7  | 43.6  | 65.4  |





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM001596.D

Acq: 08 Jun 2015 22:46

Instrument :

BNA\_M

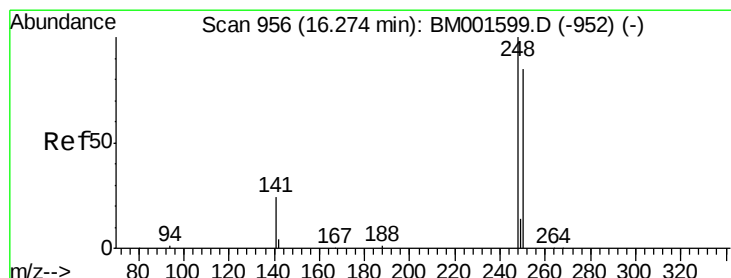
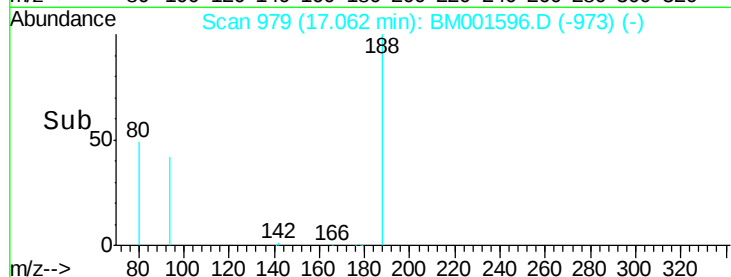
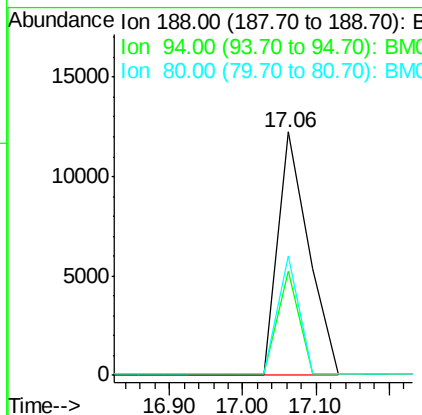
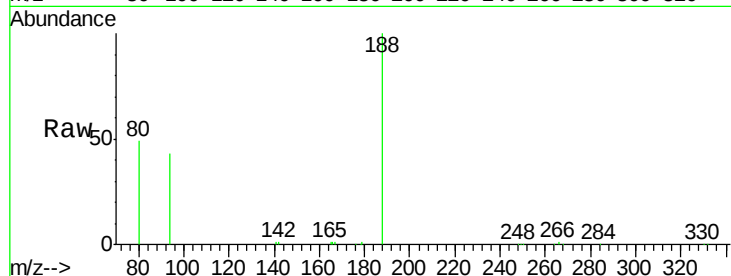
ClientSampleId :

SSTDICC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 35782 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 42.6  | 1.0   | 1.6#  |
| 80        | 49.3  | 1.0   | 1.4#  |

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#19

4-Bromophenyl-phenylether

Concen: 10.38 ng

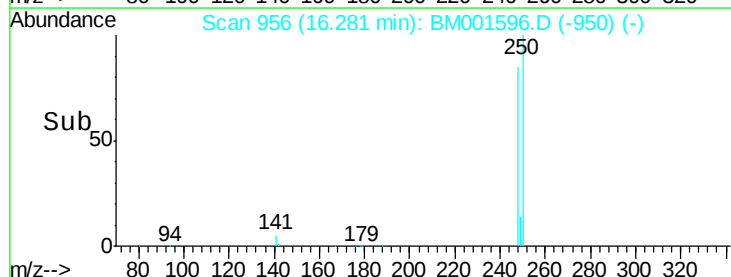
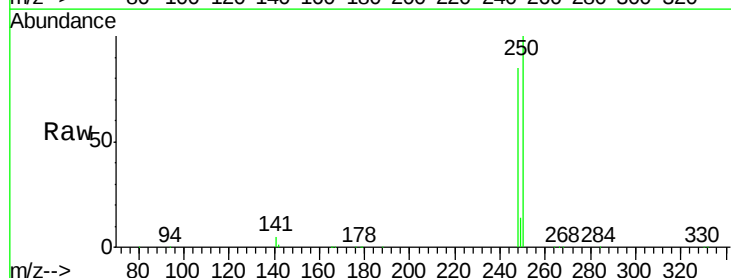
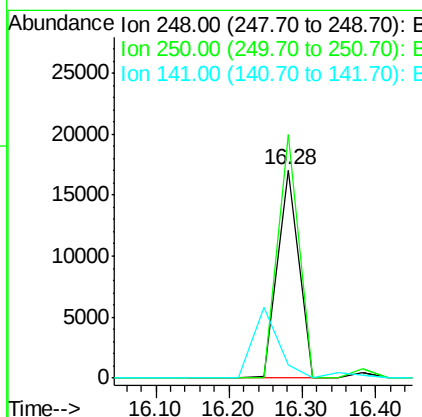
RT: 16.28 min Scan# 956

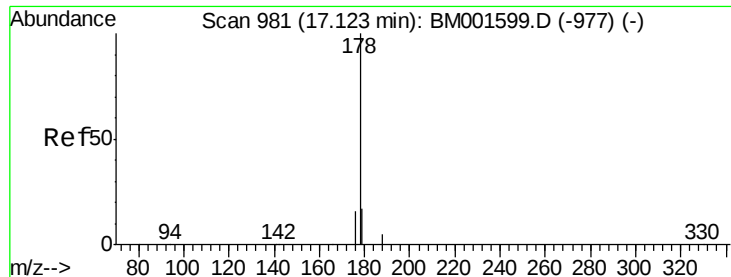
Delta R.T. 0.00 min

Lab File: BM001596.D

Acq: 08 Jun 2015 22:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 35011  |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 116.3 | 68.6  | 103.0# |
| 141       | 0.0   | 25.5  | 38.3#  |





#22

Phenanthrene

Concen: 6.65 ng m

RT: 17.13 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM001596.D

Acq: 08 Jun 2015 22:46

Instrument :

BNA\_M

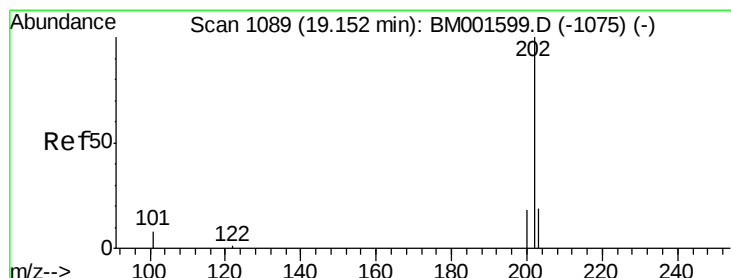
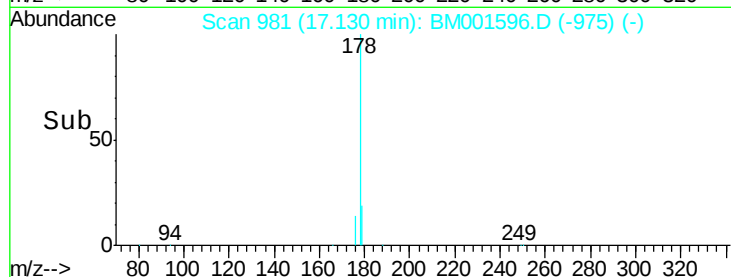
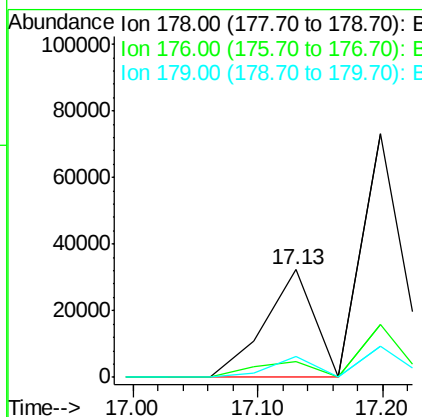
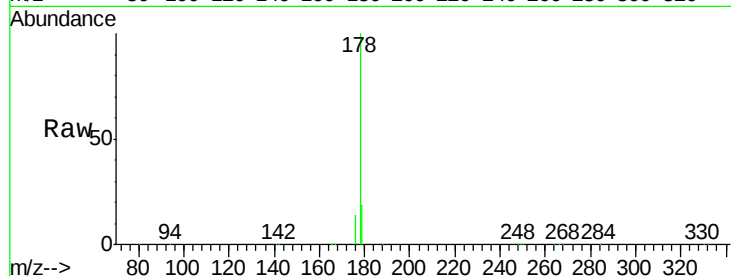
ClientSampleId :

SSTDICC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 88596 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 0.0   | 13.2  | 19.8# |
| 179       | 0.0   | 13.8  | 20.8# |

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#24

Fluoranthene

Concen: 12.07 ng

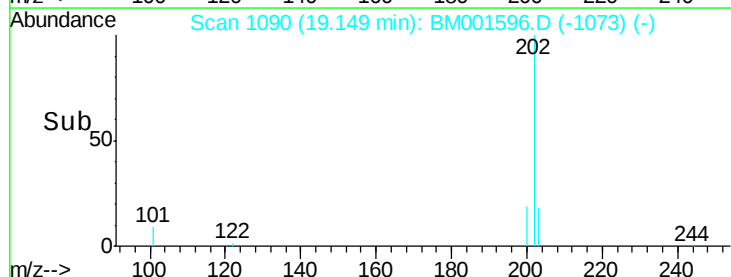
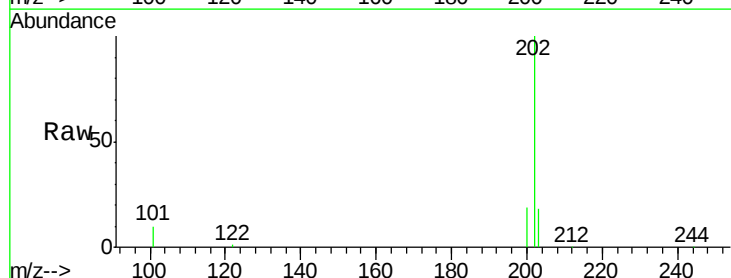
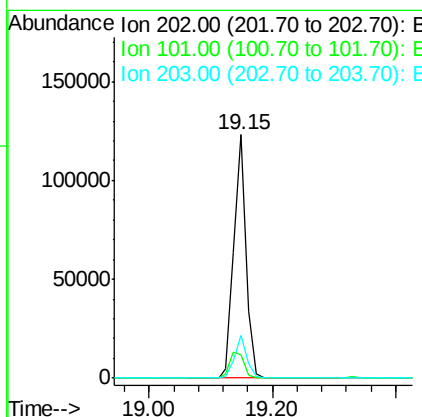
RT: 19.15 min Scan# 1090

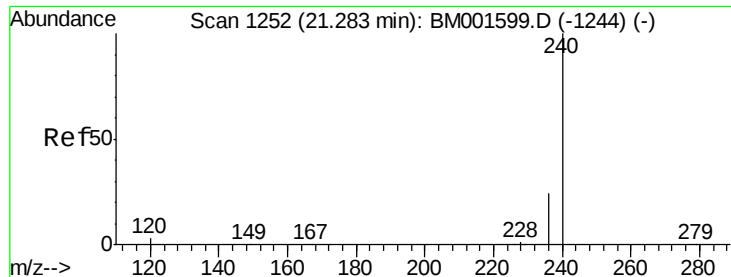
Delta R.T. 0.00 min

Lab File: BM001596.D

Acq: 08 Jun 2015 22:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 165821 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 12.7  | 10.4  | 15.6   |
| 203       | 17.3  | 13.8  | 20.6   |





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BM001596.D

Acq: 08 Jun 2015 22:46

Instrument :

BNA\_M

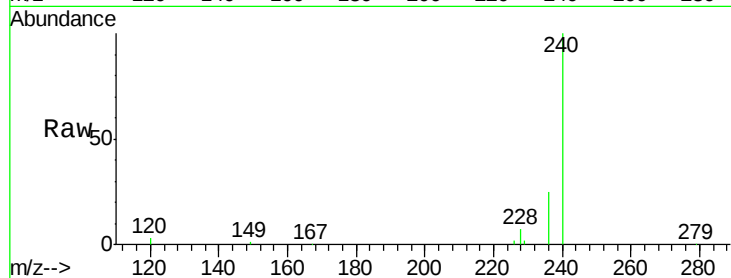
ClientSampleId :

SSTDICC010

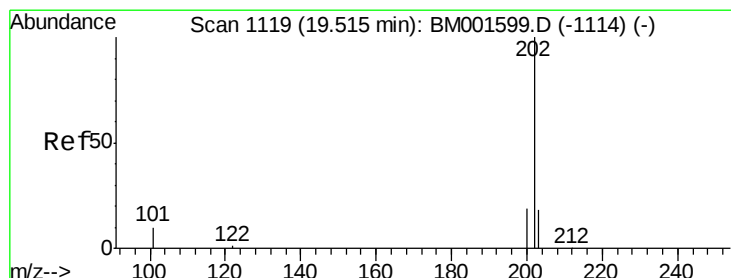
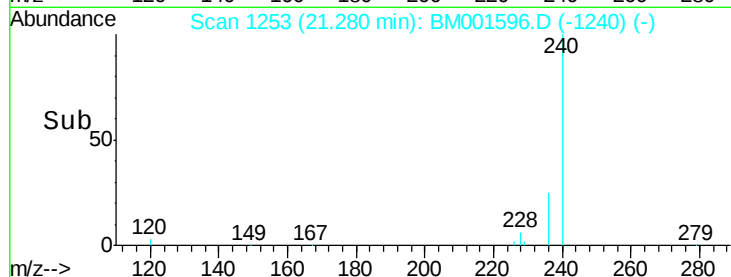
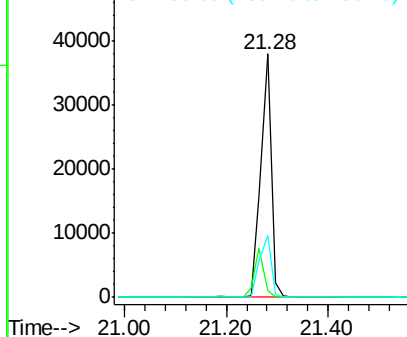
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 240   | Resp: | 52456 |
| Ion Ratio | Lower | Upper |       |
| 240       | 100   |       |       |
| 120       | 2.9   | 2.2   | 3.4   |
| 236       | 25.2  | 19.6  | 29.4  |

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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: 10.38 ng

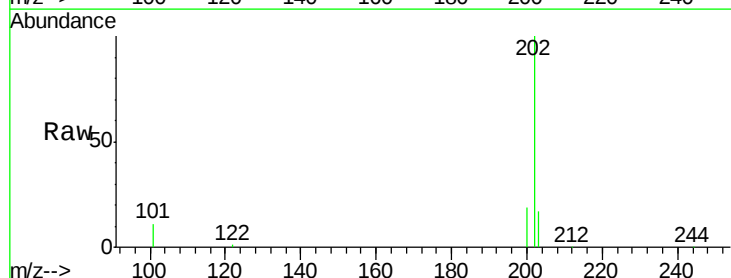
RT: 19.51 min Scan# 1120

Delta R.T. 0.00 min

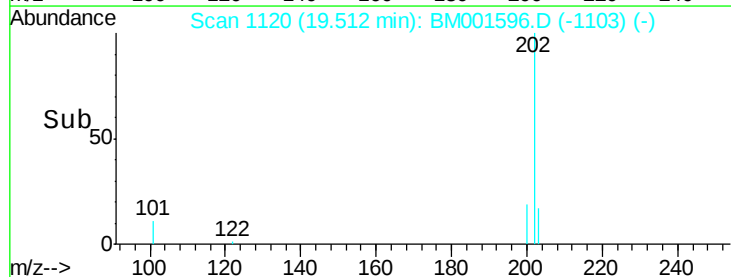
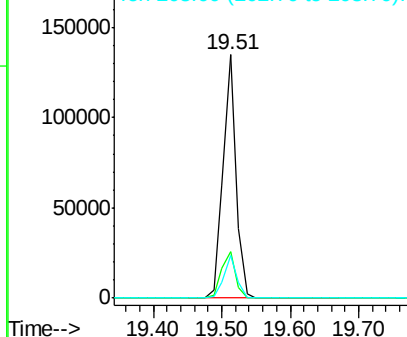
Lab File: BM001596.D

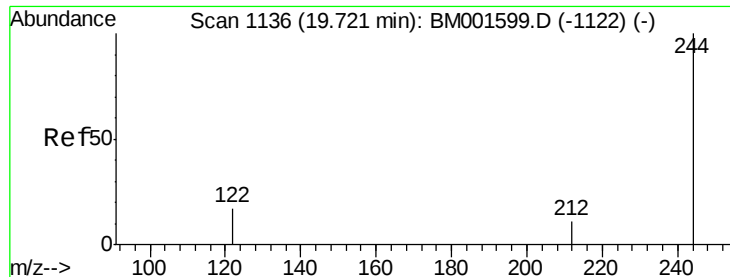
Acq: 08 Jun 2015 22:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 176523 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.5  | 16.7  | 25.1   |
| 203       | 17.2  | 14.0  | 21.0   |



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: 10.18 ng

RT: 19.72 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BM001596.D

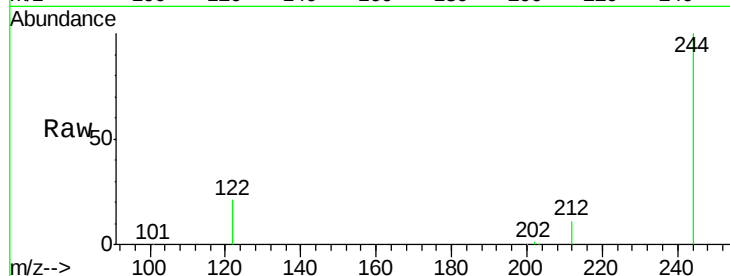
Acq: 08 Jun 2015 22:46

Instrument :

BNA\_M

ClientSampleId :

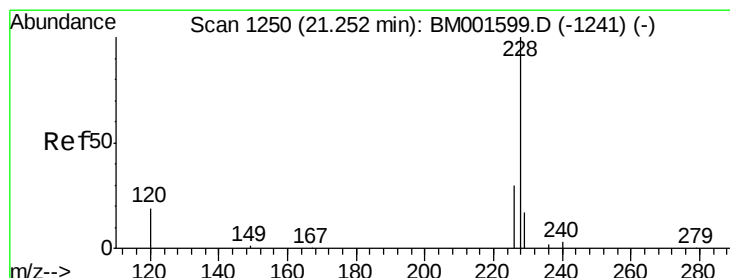
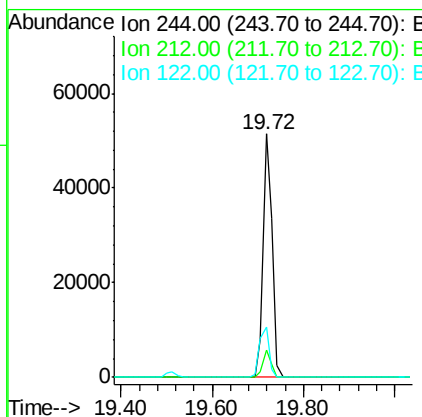
SSTDICC010



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 244   | Resp: | 69743 |
| Ion Ratio | Lower | Upper |       |
| 244       | 100   |       |       |
| 212       | 11.3  | 9.2   | 13.8  |
| 122       | 20.9  | 14.5  | 21.7  |

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#28

Benzo(a)anthracene

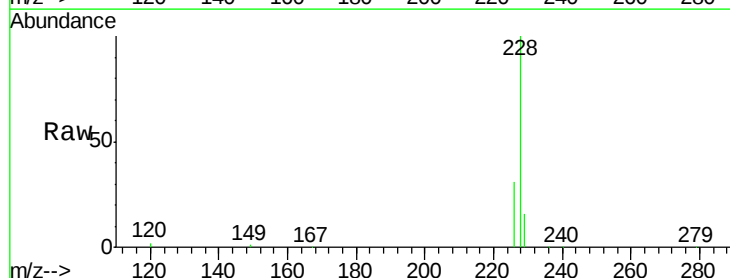
Concen: 9.95 ng

RT: 21.25 min Scan# 1251

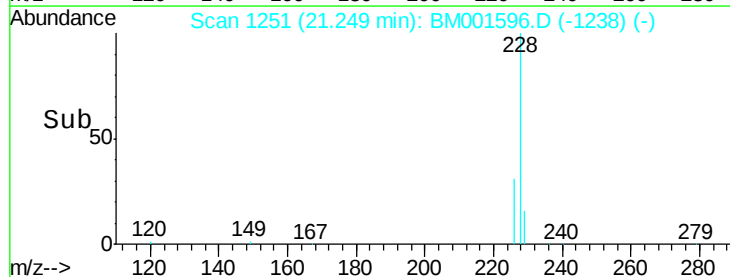
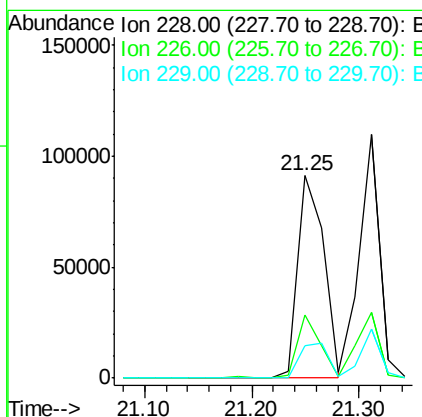
Delta R.T. 0.00 min

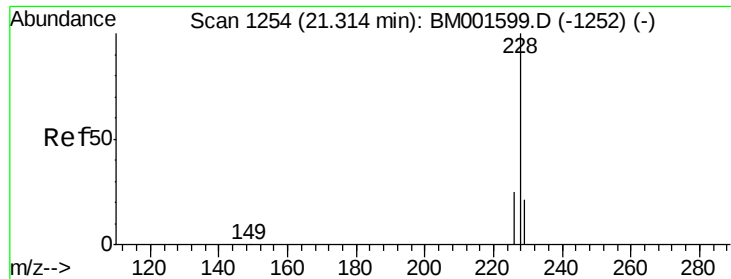
Lab File: BM001596.D

Acq: 08 Jun 2015 22:46



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 152619 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 31.3  | 24.6  | 37.0   |
| 229       | 16.3  | 13.8  | 20.8   |





#29

Chrysene

Concen: 9.94 ng

RT: 21.31 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BM001596.D

Acq: 08 Jun 2015 22:46

Instrument :

BNA\_M

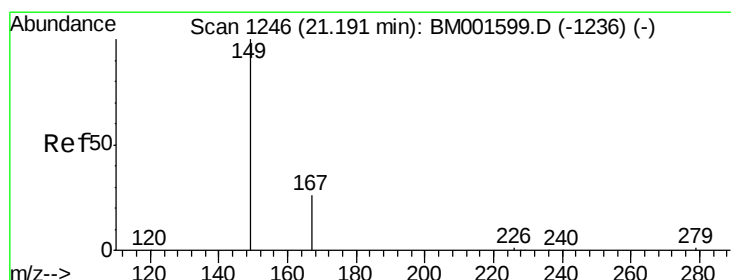
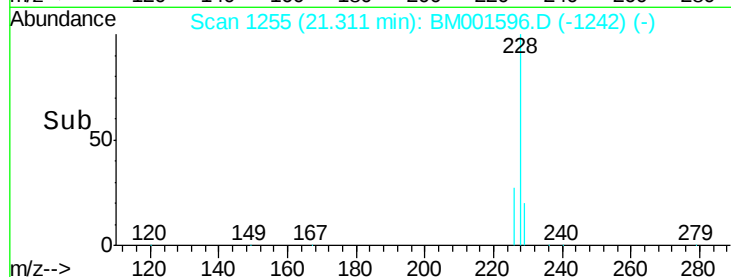
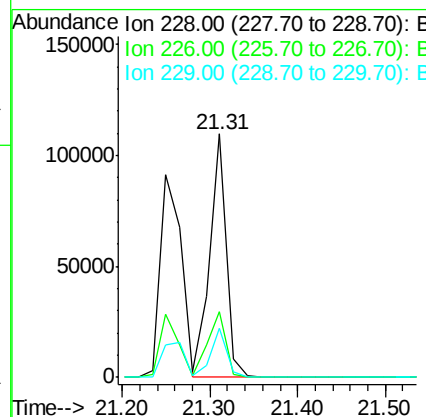
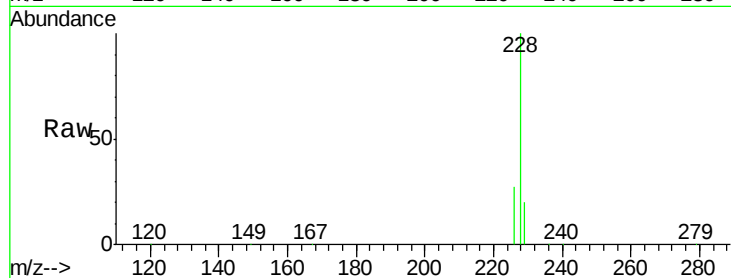
ClientSampleId :

SSTDICC010

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 228  | Resp: | 144224 |
| Ion Ratio |      | Lower | Upper  |
| 228       | 100  |       |        |
| 226       | 27.0 | 20.6  | 31.0   |
| 229       | 20.3 | 17.4  | 26.2   |

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#30

Bis(2-ethylhexyl)phthalate

Concen: 12.59 ng

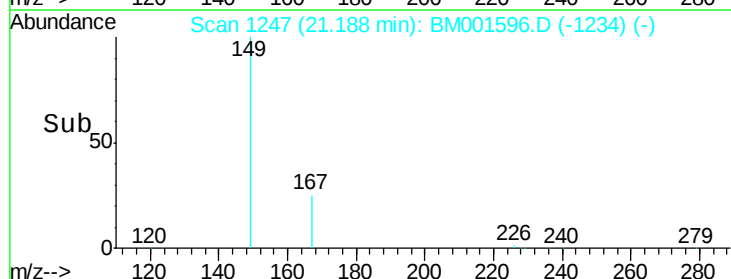
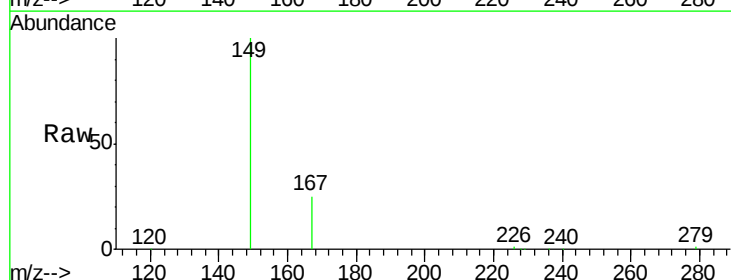
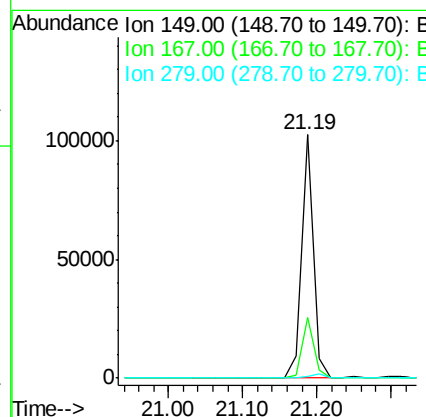
RT: 21.19 min Scan# 1247

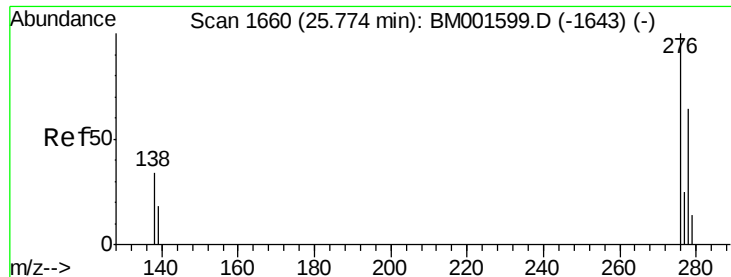
Delta R.T. 0.00 min

Lab File: BM001596.D

Acq: 08 Jun 2015 22:46

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 111531 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 167       | 25.1 | 20.2  | 30.4   |
| 279       | 2.0  | 1.7   | 2.5    |





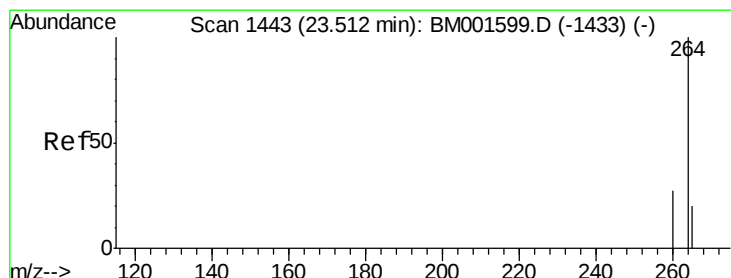
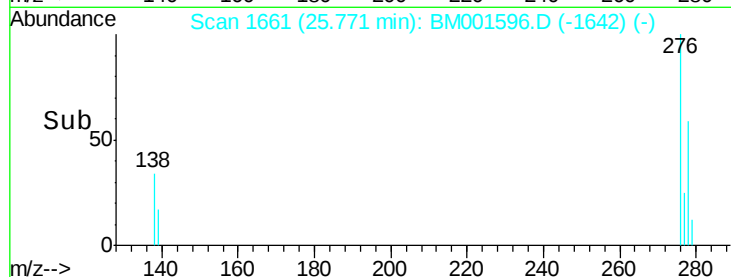
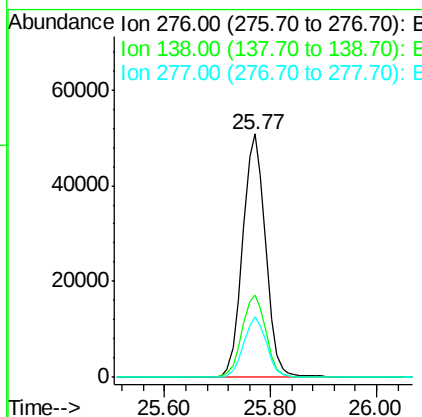
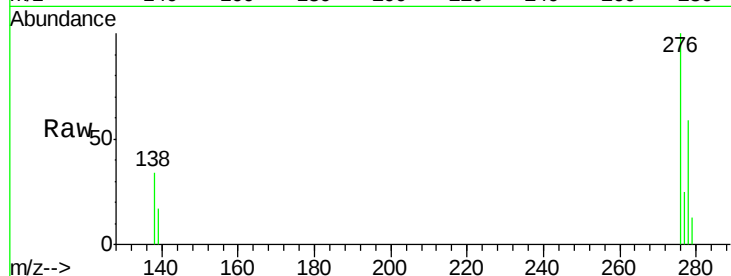
#31  
 Indeno(1,2,3-cd)pyrene  
 Concen: 10.27 ng  
 RT: 25.77 min Scan# 1661  
 Delta R.T. 0.00 min  
 Lab File: BM001596.D  
 Acq: 08 Jun 2015 22:46

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 151166 |       |       |
| 138     | 35.0  | 28.2   | 42.2  |       |
| 277     | 24.6  | 19.4   | 29.2  |       |

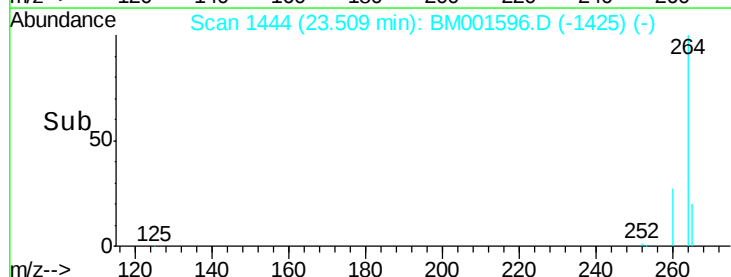
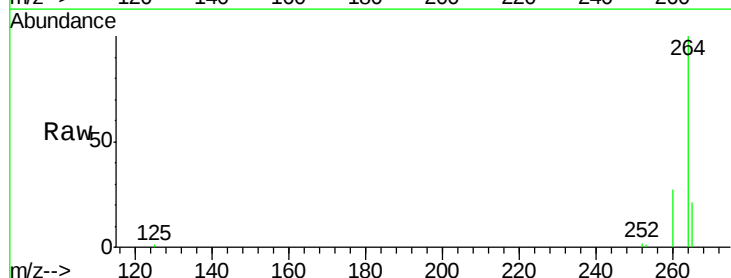
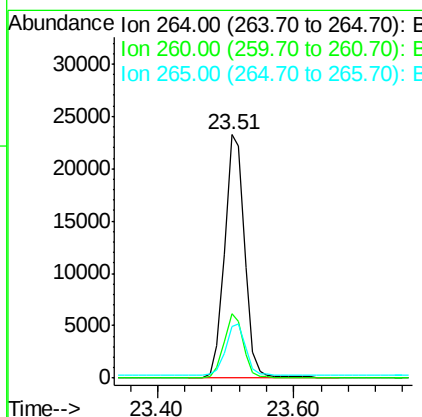
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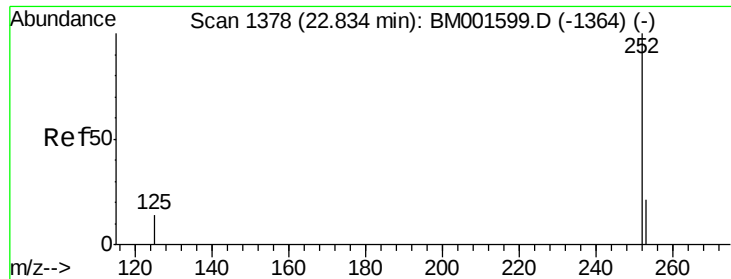
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#32  
 Perylene-d12  
 Concen: 5.00 ng  
 RT: 23.51 min Scan# 1444  
 Delta R.T. 0.00 min  
 Lab File: BM001596.D  
 Acq: 08 Jun 2015 22:46

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 264     | 100   | 46797 |       |       |
| 260     | 26.7  | 21.8  | 32.6  |       |
| 265     | 21.0  | 16.8  | 25.2  |       |





#33

Benzo(b)fluoranthene

Concen: 10.07 ng

RT: 22.83 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BM001596.D

Acq: 08 Jun 2015 22:46

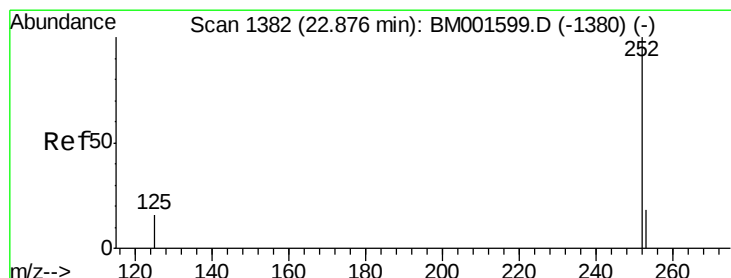
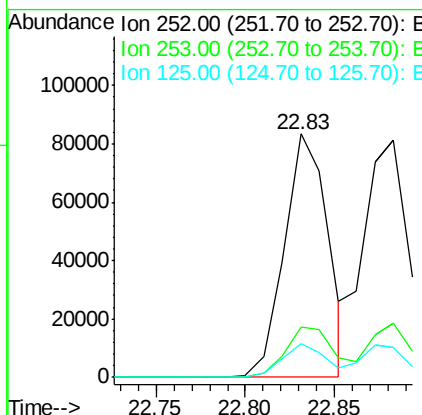
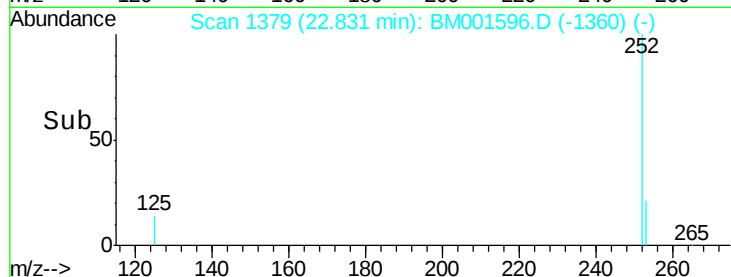
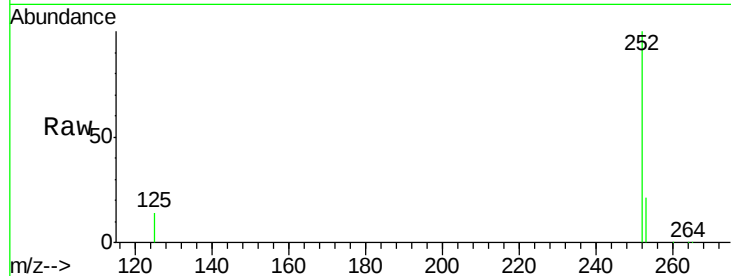
Instrument :  
BNA\_M

ClientSampleId :  
SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 20.7  | 17.6  | 26.4  |
| 125     | 14.0  | 12.4  | 18.6  |

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#34

Benzo(k)fluoranthene

Concen: 10.56 ng m

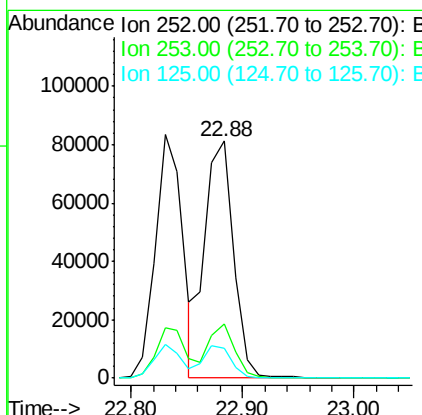
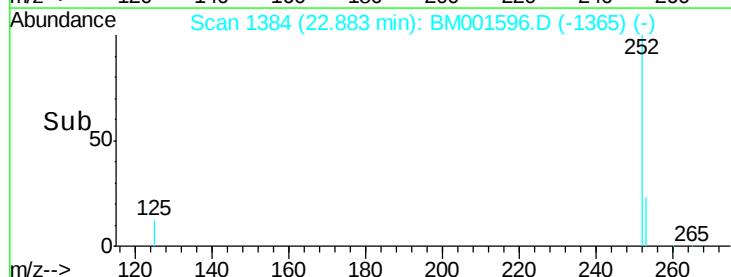
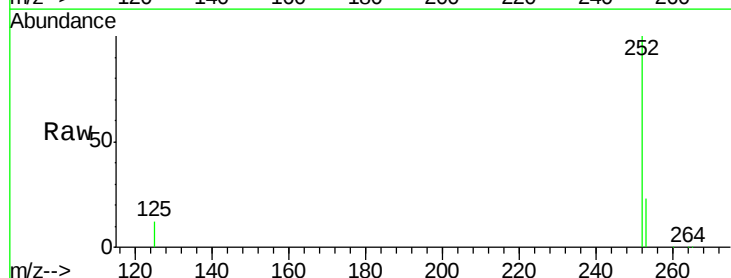
RT: 22.88 min Scan# 1384

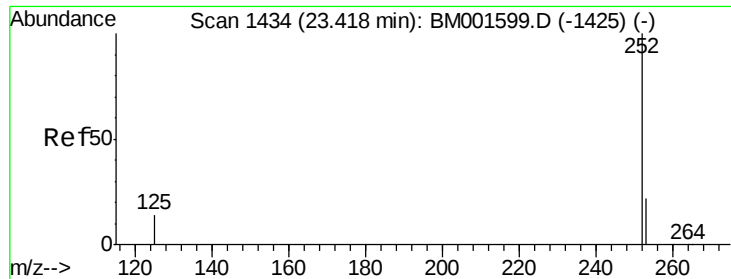
Delta R.T. 0.00 min

Lab File: BM001596.D

Acq: 08 Jun 2015 22:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 17.1  | 25.7  |
| 125     | 12.4  | 12.8  | 19.2# |





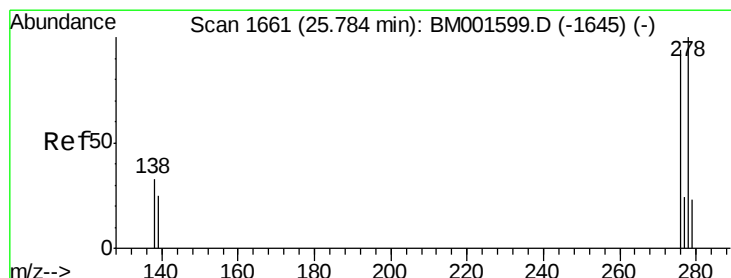
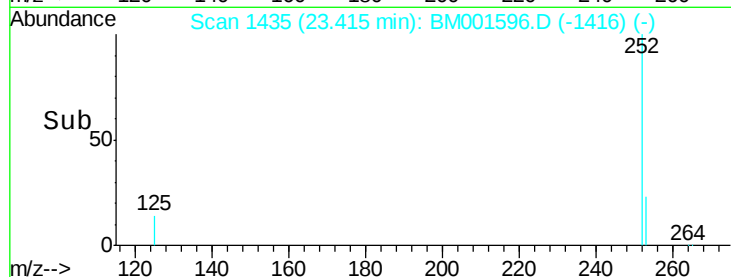
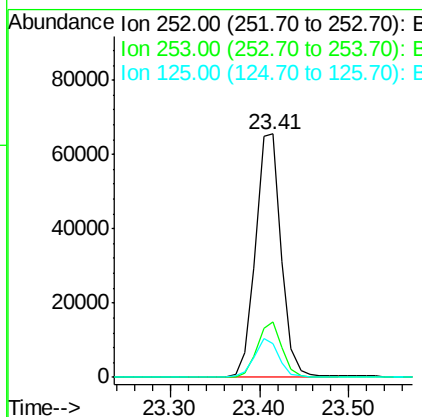
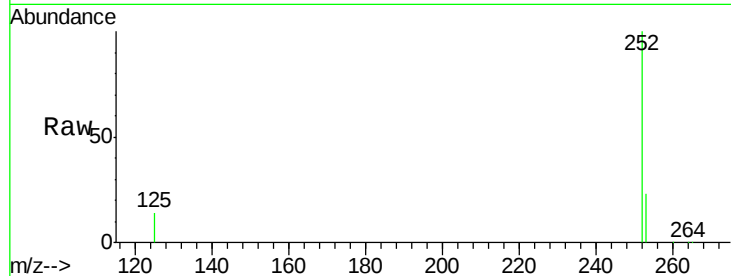
#35  
Benzo(a)pyrene  
Concen: 10.50 ng  
RT: 23.41 min Scan# 1435  
Delta R.T. 0.00 min  
Lab File: BM001596.D  
Acq: 08 Jun 2015 22:46

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 19.4  | 29.0  |
| 125     | 14.0  | 13.0  | 19.6  |

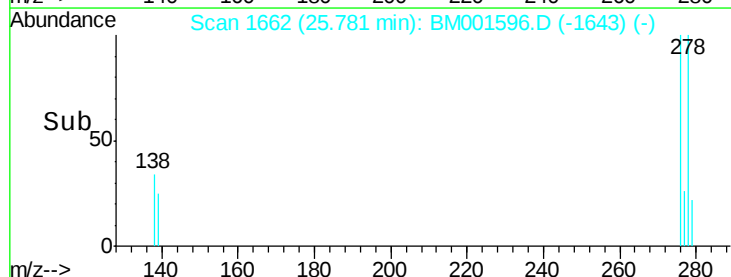
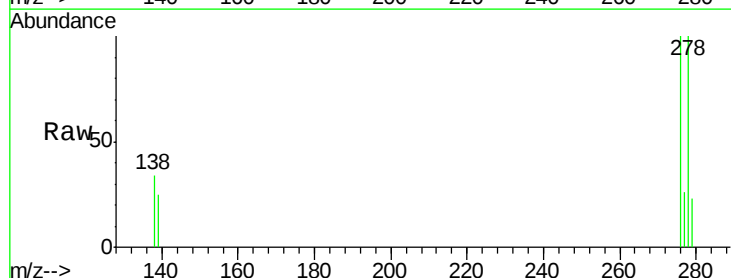
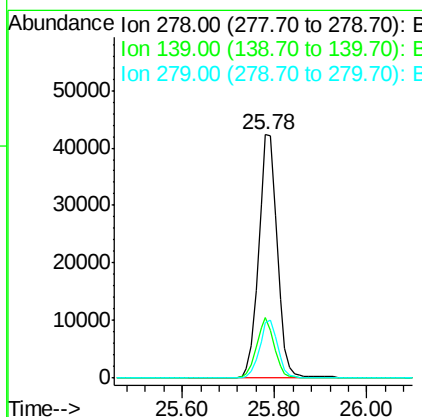
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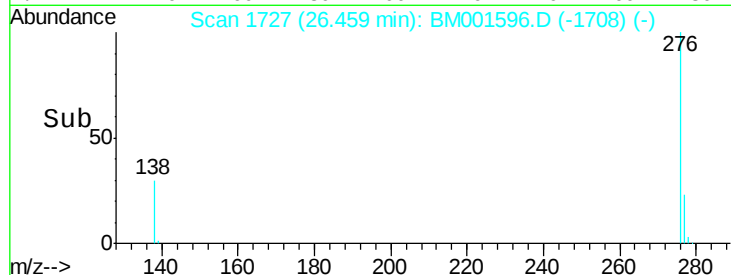
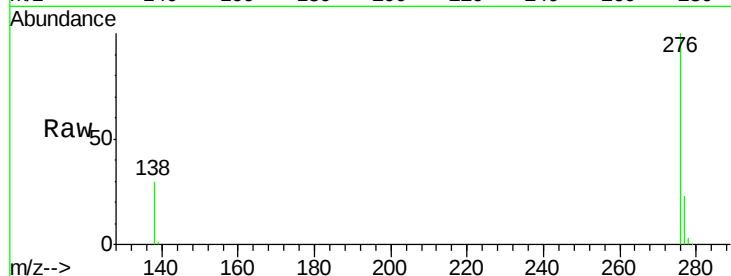
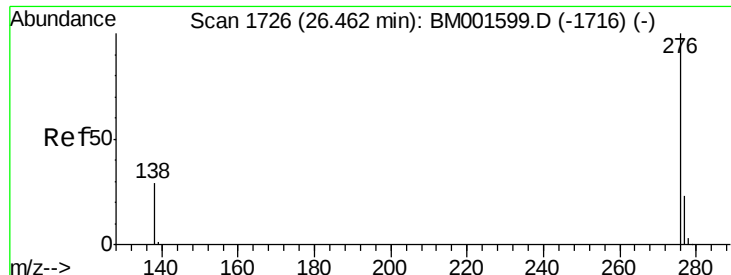
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#36  
Dibenzo(a,h)anthracene  
Concen: 10.39 ng  
RT: 25.78 min Scan# 1662  
Delta R.T. 0.00 min  
Lab File: BM001596.D  
Acq: 08 Jun 2015 22:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 24.8  | 20.6  | 31.0  |
| 279     | 22.5  | 19.7  | 29.5  |





#37  
 Benzo(g,h,i)perylene  
 Concen: 10.03 ng  
 RT: 26.46 min Scan# 1727  
 Delta R.T. 0.00 min  
 Lab File: BM001596.D  
 Acq: 08 Jun 2015 22:46

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC010

|     |       |       |       |        |
|-----|-------|-------|-------|--------|
| Tgt | Ion   | 276   | Resp: | 122783 |
| Ion | Ratio | Lower | Upper |        |
| 276 | 100   |       |       |        |
| 277 | 23.1  | 19.4  | 29.0  |        |
| 138 | 30.4  | 24.5  | 36.7  |        |

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