

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE080916\  
 Data File : BE092241.D  
 Acq On : 9 Aug 2016 23:04  
 Operator : UM/SJ  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC010

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Quant Time: Aug 10 11:19:50 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE080916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 10 04:43:27 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 11913    | 5.00 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.97 | 136  | 56818    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.83 | 164  | 31545    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10      | 17.56 | 188  | 73632    | 5.00 | ng    | 0.00     |
| 24) Chrysene-d12          | 21.73 | 240  | 69566    | 5.00 | ng    | -0.02    |
| 31) Perylene-d12          | 24.13 | 264  | 74547    | 5.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 4) 2-Fluorophenol           | 5.69  | 112  | 30219    | 11.60 | ng    | -0.01    |
| 5) Phenol-d6                | 7.34  | 99   | 44704    | 11.93 | ng    | -0.02    |
| 8) Nitrobenzene-d5          | 9.32  | 82   | 43776    | 10.91 | ng    | -0.05    |
| 13) 2,4,6-Tribromophenol    | 16.32 | 330  | 12587    | 13.34 | ng    | -0.01    |
| 14) 2-Fluorobiphenyl        | 13.46 | 172  | 94459    | 9.69  | ng    | -0.01    |
| 26) Terphenyl-d14           | 20.19 | 244  | 120999   | 10.29 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.43  | 88   | 13185    | 8.67  | ng    | 93     |
| 3) n-Nitrosodimethylamine      | 3.78  | 42   | 22624    | 12.26 | ng    | 98     |
| 6) bis(2-Chloroethyl)ether     | 7.59  | 93   | 34032    | 11.21 | ng    | # 33   |
| 9) Naphthalene                 | 11.01 | 128  | 120376   | 9.45  | ng    | # 95   |
| 10) Hexachlorobutadiene        | 11.30 | 225  | 17633    | 9.59  | ng    | 98     |
| 11) 2-Methylnaphthalene        | 12.64 | 142  | 79527    | 10.00 | ng    | 94     |
| 15) Acenaphthylene             | 14.54 | 152  | 551933   | 10.12 | ng    | 99     |
| 16) Acenaphthene               | 14.90 | 154  | 82142    | 9.38  | ng    | 98     |
| 17) Fluorene                   | 15.88 | 166  | 103824   | 9.81  | ng    | 99     |
| 19) Hexachlorobenzene          | 16.89 | 284  | 26387    | 9.03  | ng    | # 100  |
| 21) Phenanthrene               | 17.60 | 178  | 181464   | 9.53  | ng    | 100    |
| 22) Anthracene                 | 17.70 | 178  | 174714   | 10.12 | ng    | 99     |
| 23) Fluoranthene               | 19.61 | 202  | 758635   | 10.03 | ng    | 99     |
| 25) Pyrene                     | 19.99 | 202  | 826810   | 10.05 | ng    | 100    |
| 27) Benzo(a)anthracene         | 21.70 | 228  | 836148   | 10.01 | ng    | # 63   |
| 28) Chrysene                   | 21.77 | 228  | 719592m  | 9.30  | ng    |        |
| 29) Bis(2-ethylhexyl)phthalate | 21.64 | 149  | 144044   | 13.44 | ng    | # 98   |
| 30) Indeno(1,2,3-cd)pyrene     | 26.63 | 276  | 873092   | 10.51 | ng    | 99     |
| 32) Benzo(b)fluoranthene       | 23.39 | 252  | 201369m  | 10.29 | ng    |        |
| 33) Benzo(k)fluoranthene       | 23.44 | 252  | 194781   | 9.63  | ng    | 95     |
| 34) Benzo(a)pyrene             | 24.02 | 252  | 191015   | 10.35 | ng    | # 93   |
| 35) Dibenzo(a,h)anthracene     | 26.65 | 278  | 182549   | 10.63 | ng    | 93     |
| 36) Benzo(g,h,i)perylene       | 27.40 | 276  | 752355   | 10.19 | ng    | 95     |

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

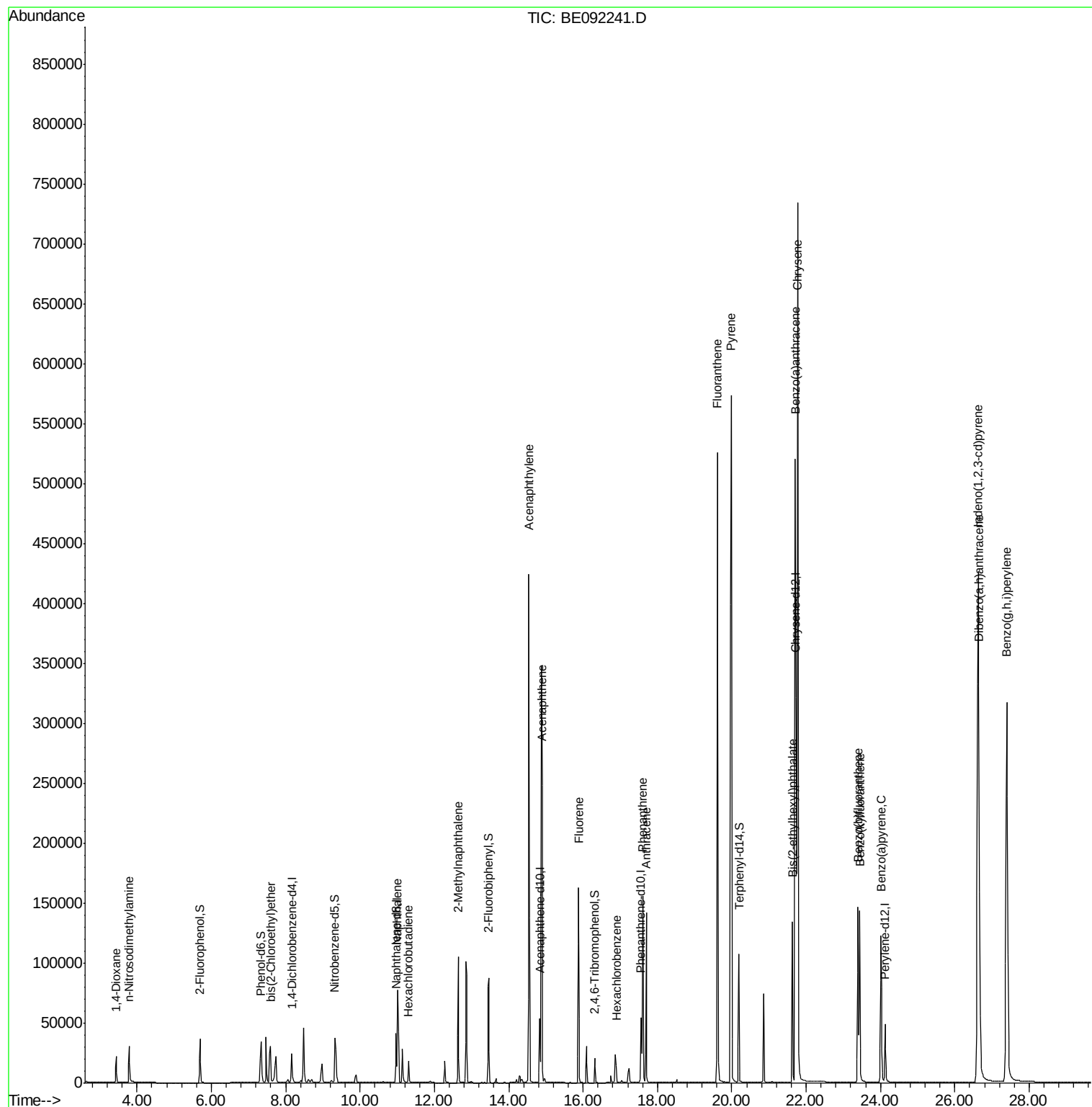
Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE080916\  
Data File : BE092241.D  
Acq On : 9 Aug 2016 23:04  
Operator : UM/SJ  
Sample : SSTDIC010  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

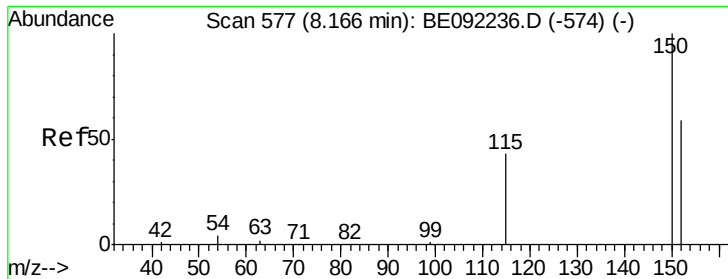
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC010

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Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE080916.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 10 04:43:27 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE092241.D

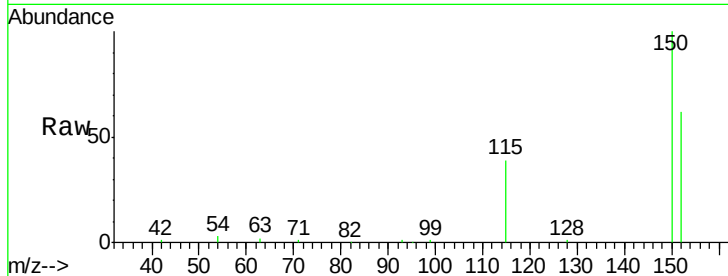
Acq: 9 Aug 2016 23:04

Instrument :

BNA\_E

ClientSampleId :

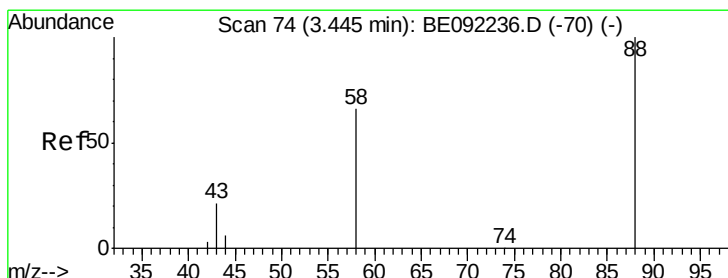
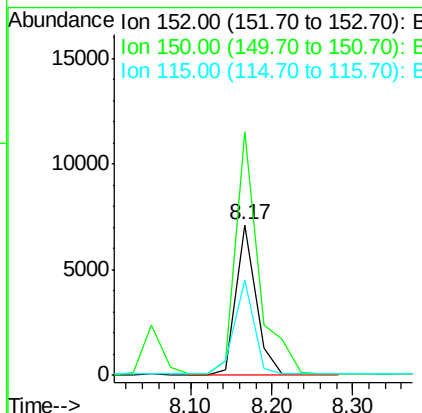
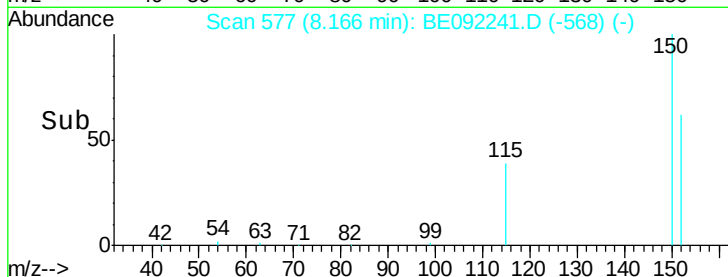
SSTDIC010



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 11913 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 150      | 161.9 | 135.6 | 203.4 |
| 115      | 63.2  | 59.4  | 89.0  |

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#2

1,4-Dioxane

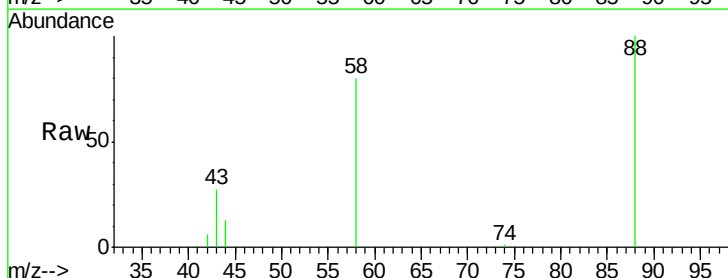
Concen: 8.67 ng

RT: 3.43 min Scan# 73

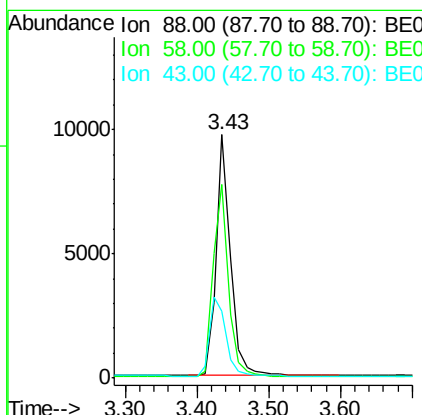
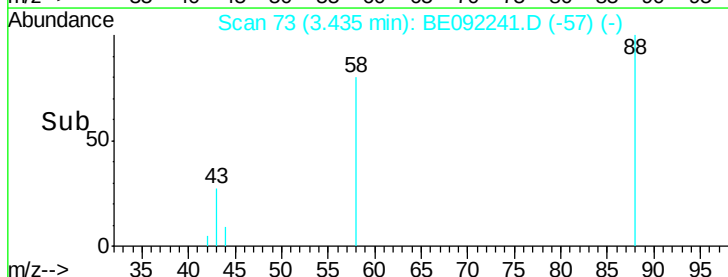
Delta R.T. -0.01 min

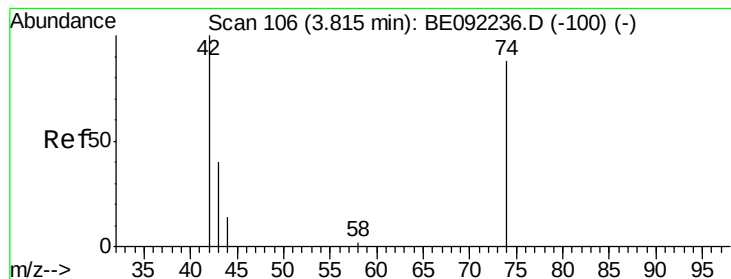
Lab File: BE092241.D

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 13185 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 58       | 87.0  | 64.4  | 96.6  |
| 43       | 37.6  | 33.4  | 50.2  |





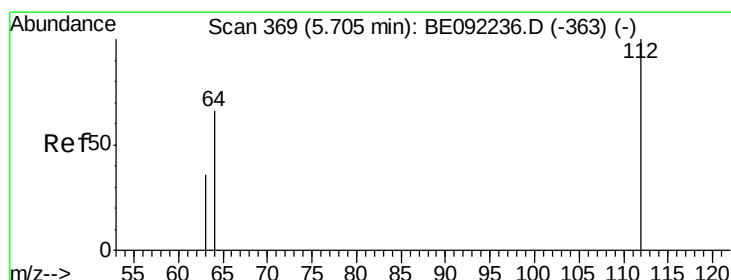
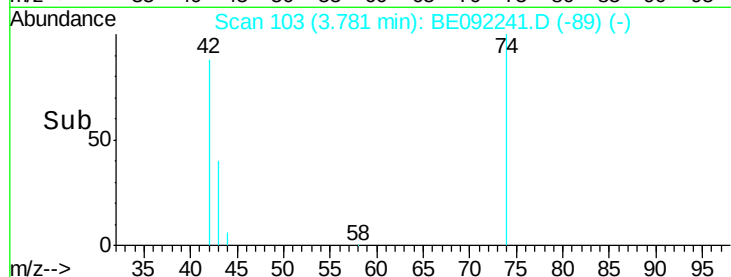
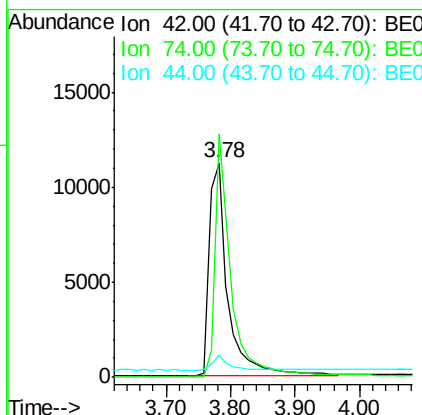
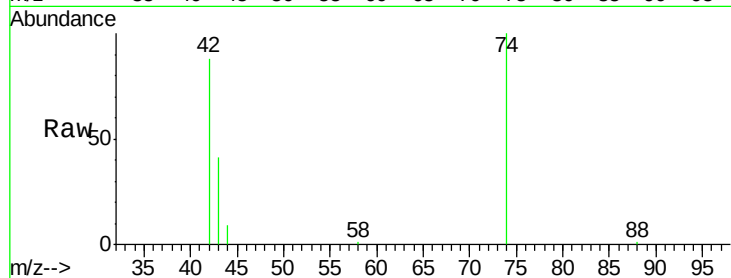
#3  
n-Nitrosodimethylamine  
Concen: 12.26 ng  
RT: 3.78 min Scan# 103  
Delta R.T. -0.03 min  
Lab File: BE092241.D  
Acq: 9 Aug 2016 23:04

Instrument :  
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ClientSampleId :  
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Tgt Ion: 42 Resp: 22624  
Ion Ratio Lower Upper  
42 100  
74 98.9 77.2 115.8  
44 5.9 5.0 7.4

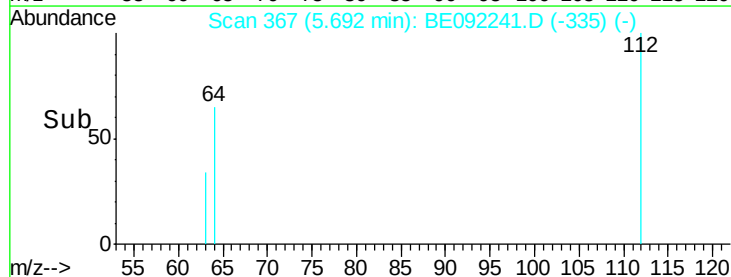
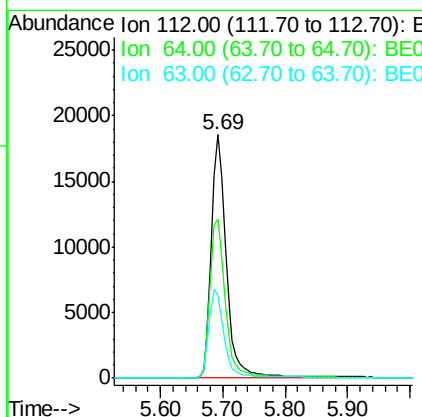
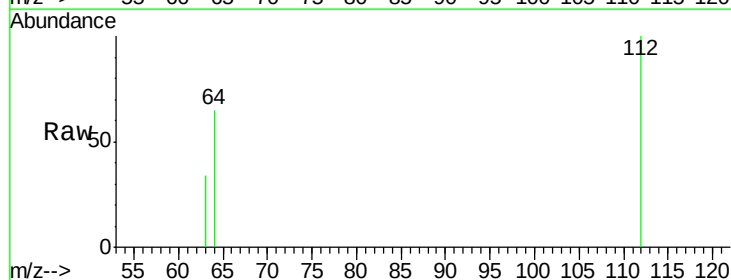
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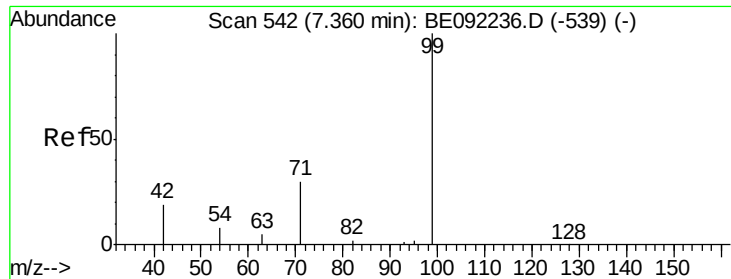
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#4  
2-Fluorophenol  
Concen: 11.60 ng  
RT: 5.69 min Scan# 367  
Delta R.T. -0.01 min  
Lab File: BE092241.D  
Acq: 9 Aug 2016 23:04

Tgt Ion: 112 Resp: 30219  
Ion Ratio Lower Upper  
112 100  
64 67.2 53.2 79.8  
63 36.7 27.4 41.2





#5

Phenol-d6

Concen: 11.93 ng

RT: 7.34 min Scan# 541

Delta R.T. -0.02 min

Lab File: BE092241.D

Acq: 9 Aug 2016 23:04

Instrument :

BNA\_E

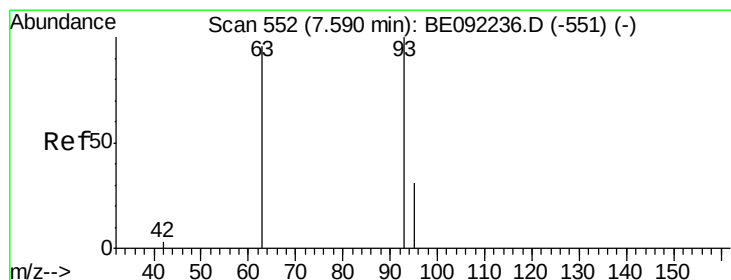
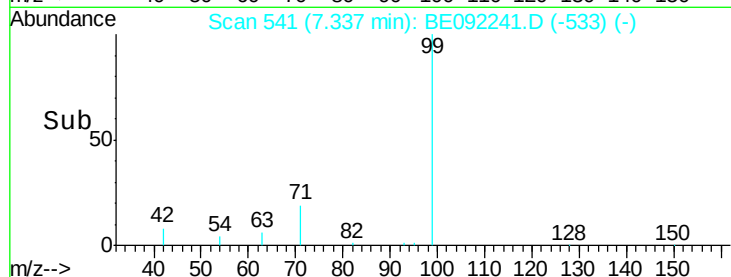
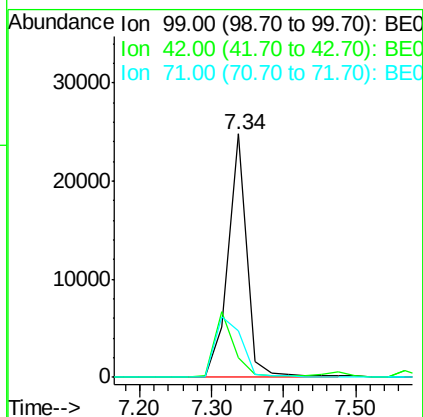
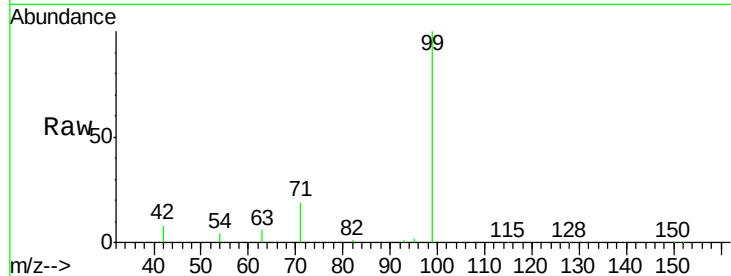
ClientSampleId :

SSTDICC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 99    | Resp: | 44704 |
| Ion Ratio | Lower | Upper |       |
| 99        | 100   |       |       |
| 42        | 0.0   | 0.0   | 0.0   |
| 71        | 0.0   | 29.8  | 44.8# |

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#6

bis(2-Chloroethyl)ether

Concen: 11.21 ng

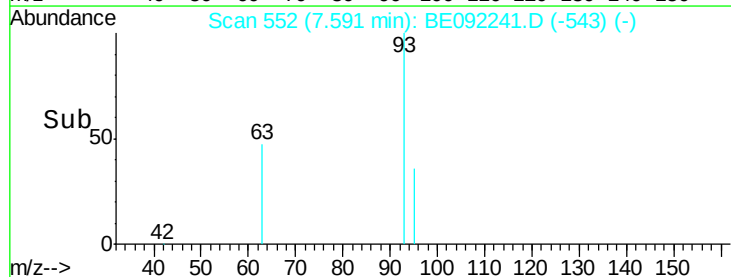
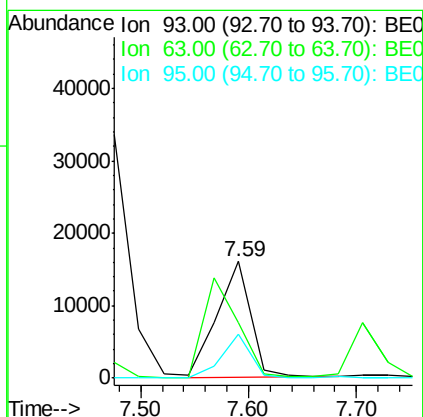
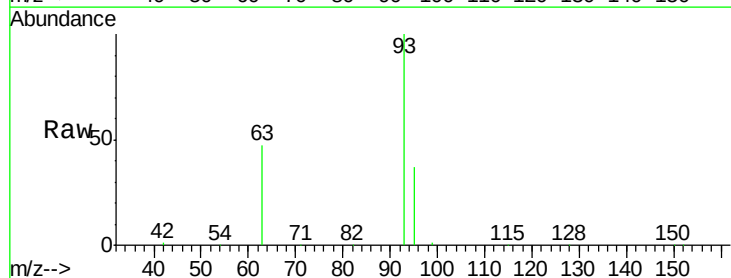
RT: 7.59 min Scan# 552

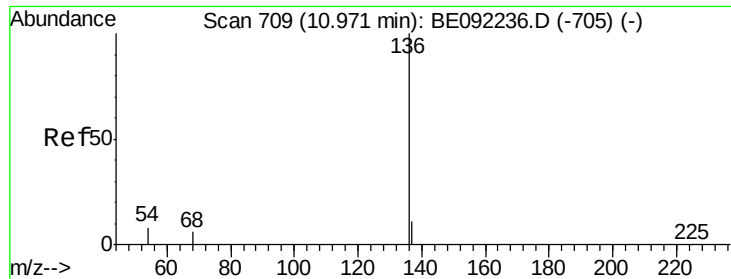
Delta R.T. 0.00 min

Lab File: BE092241.D

Acq: 9 Aug 2016 23:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 34032  |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 0.0   | 68.5  | 102.7# |
| 95        | 33.1  | 27.2  | 40.8   |





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.97 min Scan# 709

Delta R.T. 0.00 min

Lab File: BE092241.D

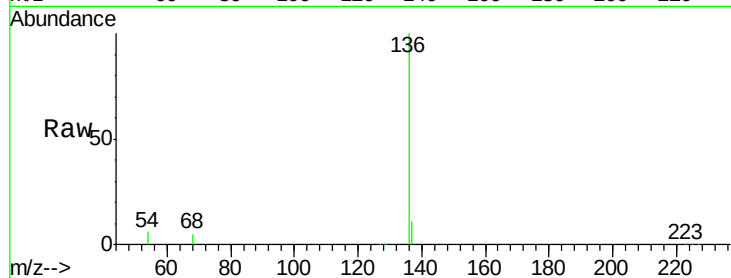
Acq: 9 Aug 2016 23:04

Instrument :

BNA\_E

ClientSampleId :

SSTDICC010



Tgt Ion: 136 Resp: 56818

Ion Ratio Lower Upper

136 100

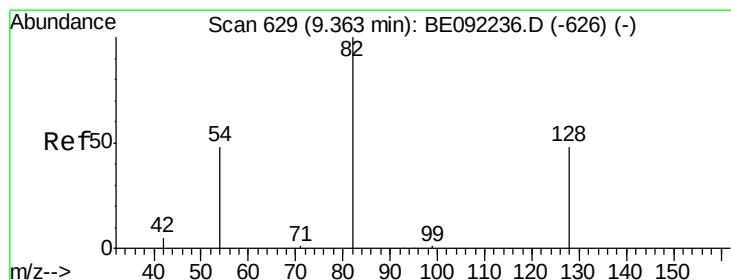
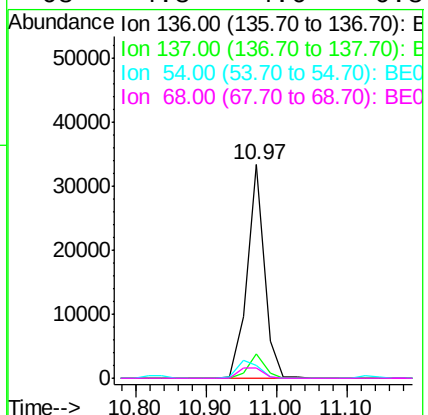
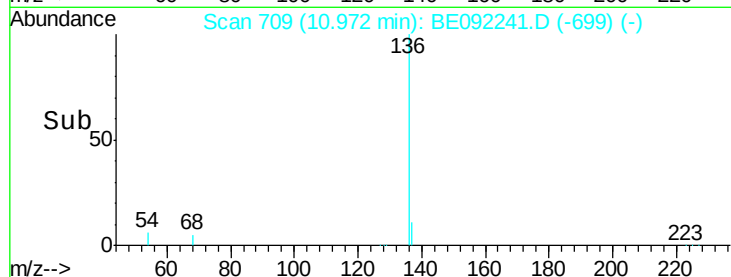
137 11.2 8.8 13.2

54 6.3 6.2 9.4

68 4.8 4.6 6.8

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#8

Nitrobenzene-d5

Concen: 10.91 ng

RT: 9.32 min Scan# 627

Delta R.T. -0.05 min

Lab File: BE092241.D

Acq: 9 Aug 2016 23:04

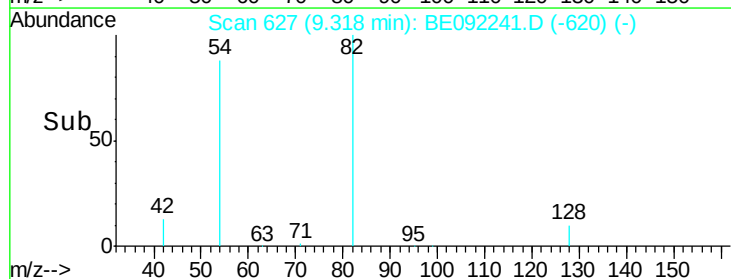
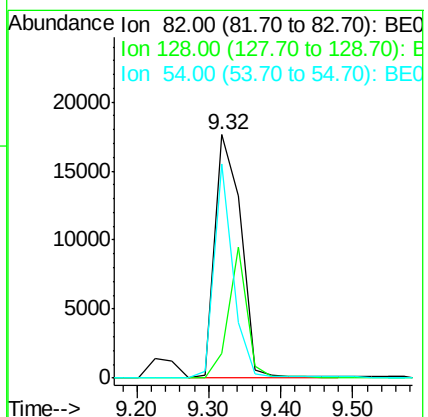
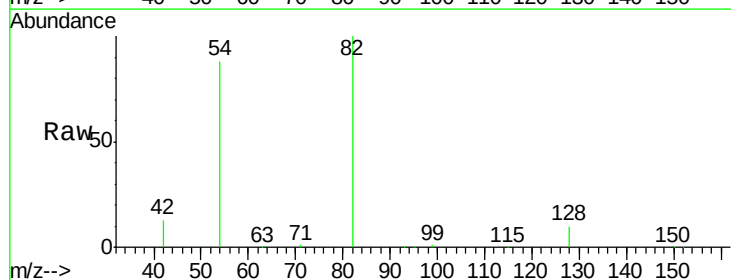
Tgt Ion: 82 Resp: 43776

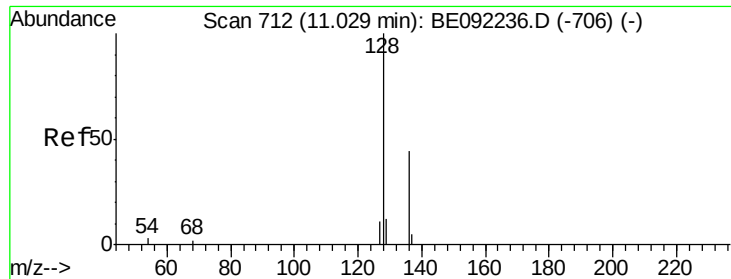
Ion Ratio Lower Upper

82 100

128 10.4 45.0 67.4#

54 87.8 45.4 68.2#





#9

Naphthalene

Concen: 9.45 ng

RT: 11.01 min Scan# 711

Delta R.T. -0.02 min

Lab File: BE092241.D

Acq: 9 Aug 2016 23:04

Instrument :

BNA\_E

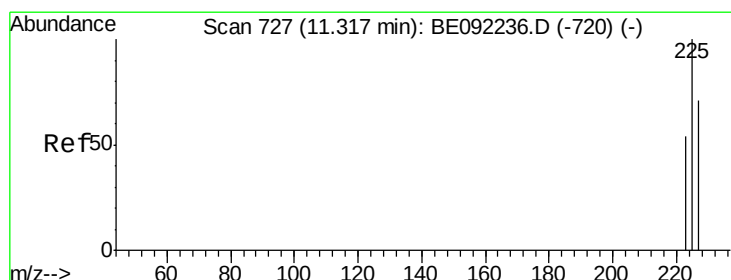
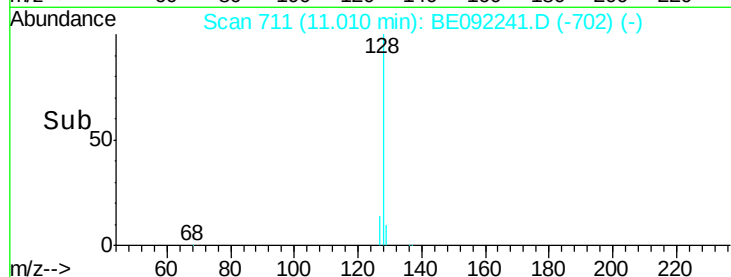
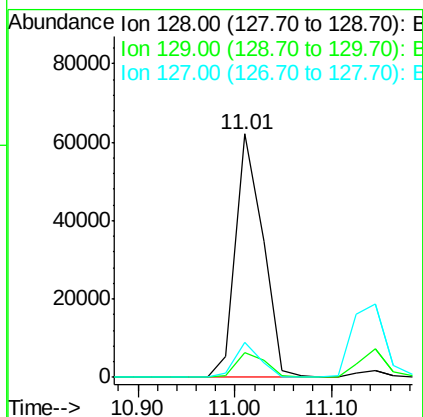
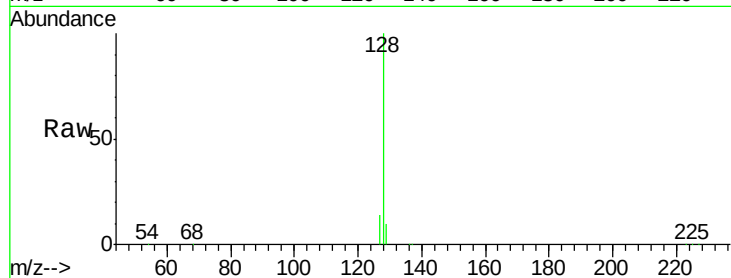
ClientSampleId :

SSTDICC010

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 128  | Resp: | 120376 |
| Ion Ratio |      | Lower | Upper  |
| 128       | 100  |       |        |
| 129       | 10.4 | 11.5  | 17.3#  |
| 127       | 14.1 | 11.0  | 16.6   |

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#10

Hexachlorobutadiene

Concen: 9.59 ng

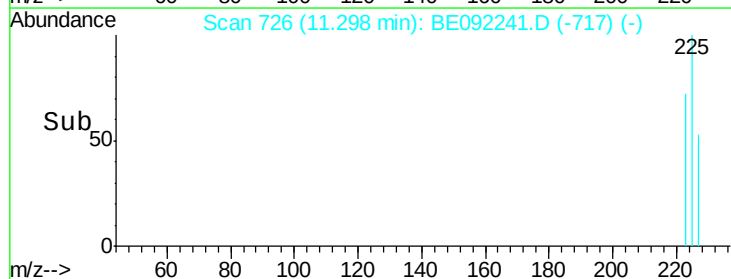
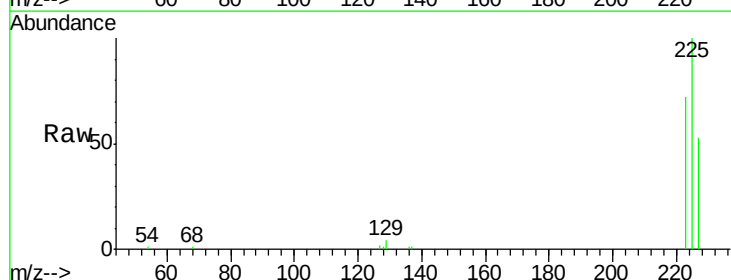
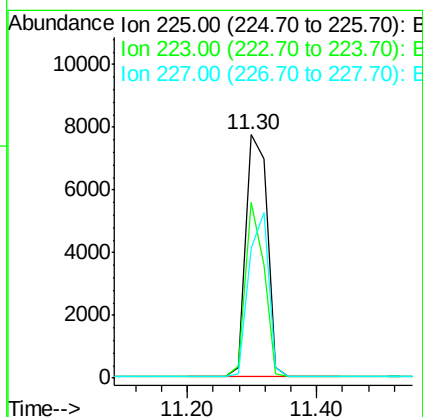
RT: 11.30 min Scan# 726

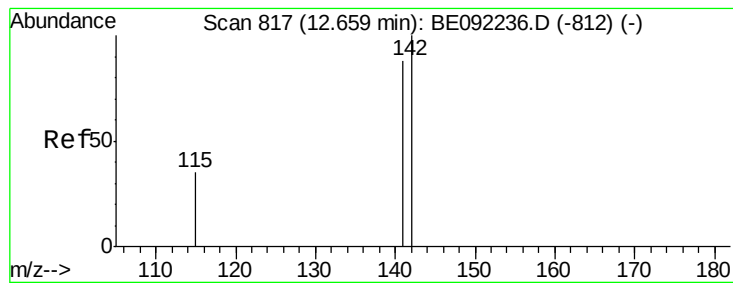
Delta R.T. -0.02 min

Lab File: BE092241.D

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|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 225  | Resp: | 17633 |
| Ion Ratio |      | Lower | Upper |
| 225       | 100  |       |       |
| 223       | 62.7 | 52.2  | 78.4  |
| 227       | 63.7 | 51.0  | 76.6  |





#11

2-Methylnaphthalene

Concen: 10.00 ng

RT: 12.64 min Scan# 815

Delta R.T. -0.02 min

Lab File: BE092241.D

Acq: 9 Aug 2016 23:04

Instrument :

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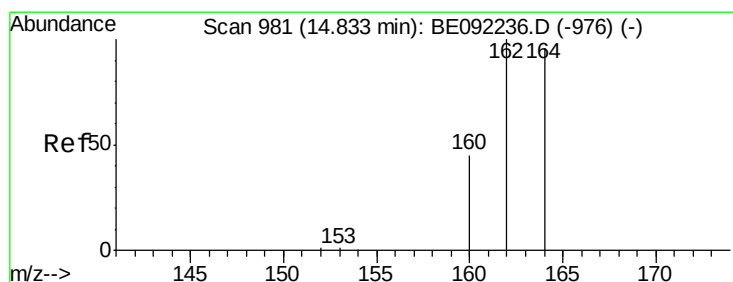
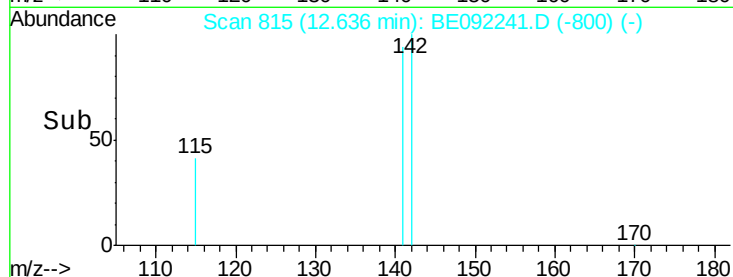
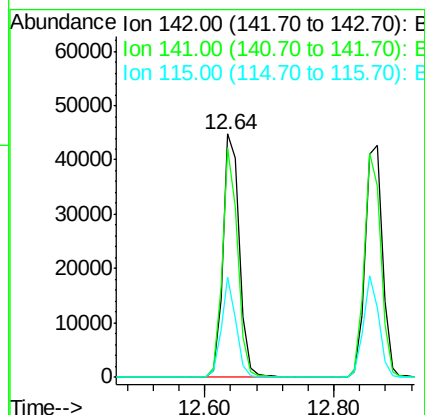
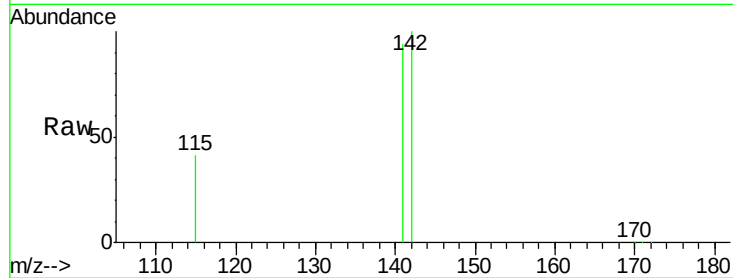
ClientSampleId :

SSTDICC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 79527 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 141       | 94.2  | 70.6  | 105.8 |
| 115       | 41.1  | 31.0  | 46.4  |

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#12

Acenaphthene-d10

Concen: 5.00 ng

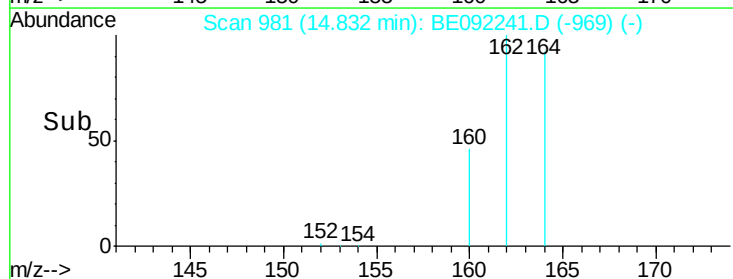
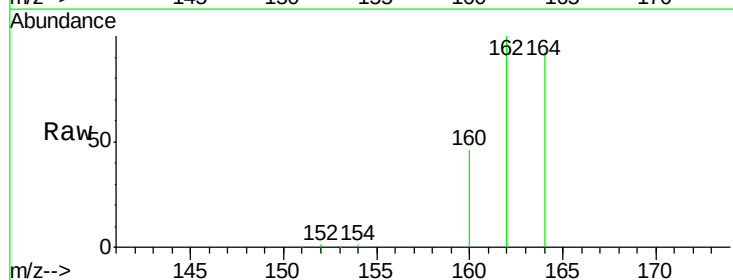
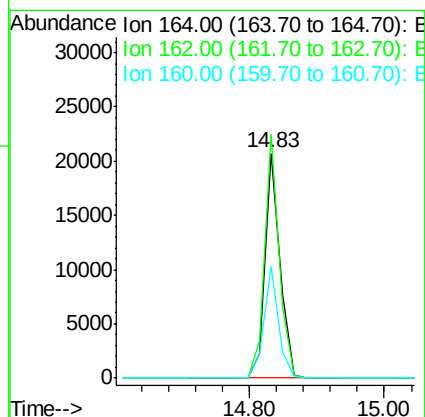
RT: 14.83 min Scan# 981

Delta R.T. -0.00 min

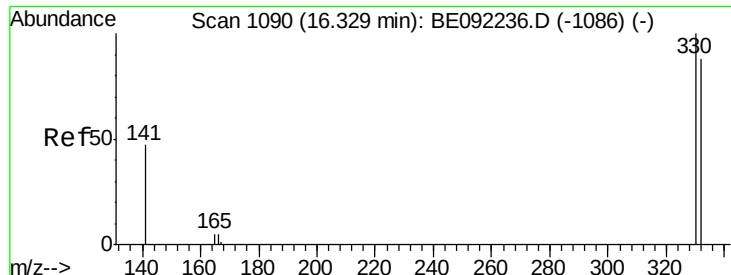
Lab File: BE092241.D

Acq: 9 Aug 2016 23:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 31545 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 108.3 | 83.3  | 124.9 |
| 160       | 50.0  | 38.0  | 57.0  |







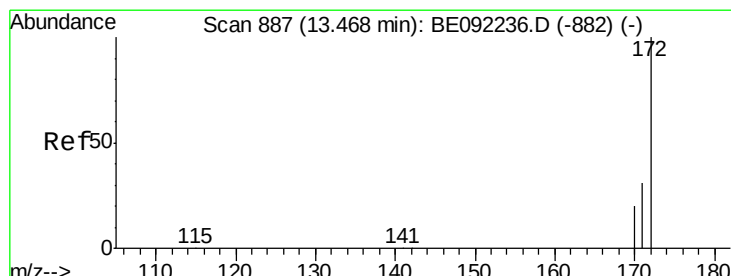
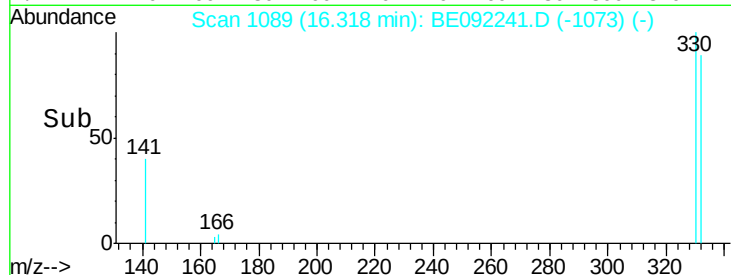
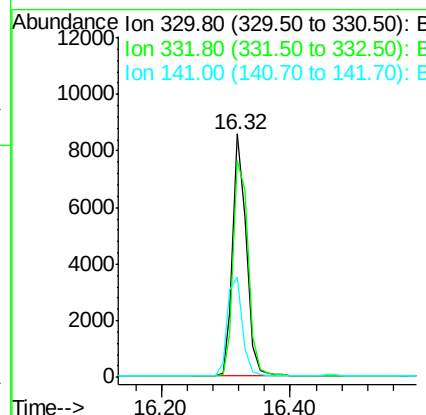
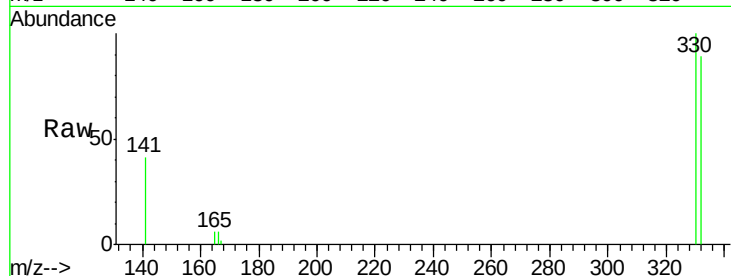
#13  
 2,4,6-Tribromophenol  
 Concen: 13.34 ng  
 RT: 16.32 min Scan# 1089  
 Delta R.T. -0.01 min  
 Lab File: BE092241.D  
 Acq: 9 Aug 2016 23:04

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.9  | 75.4  | 113.0 |
| 141     | 45.1  | 37.7  | 56.5  |

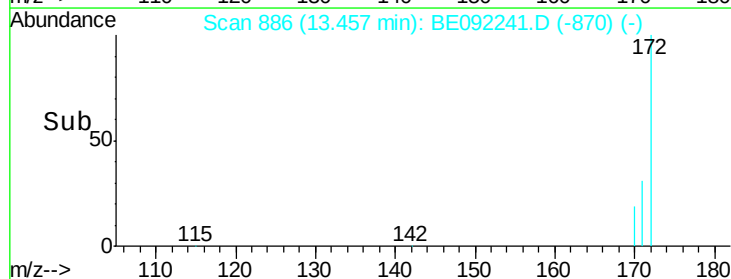
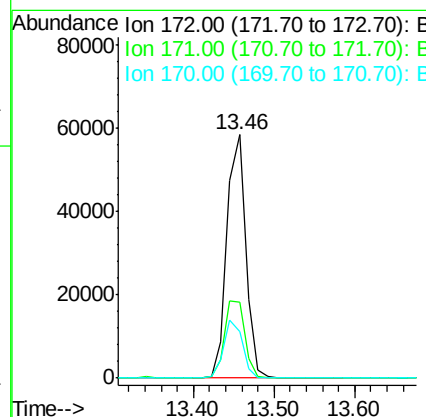
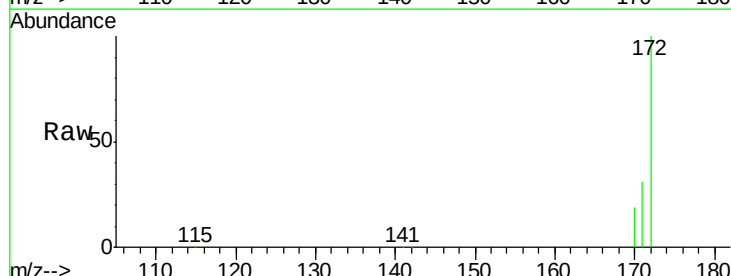
Manual Integrations  
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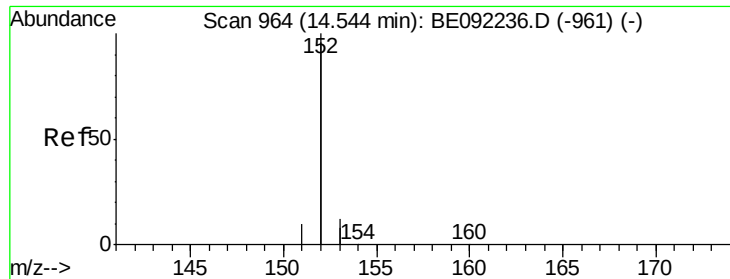
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#14  
 2-Fluorobiphenyl  
 Concen: 9.69 ng  
 RT: 13.46 min Scan# 886  
 Delta R.T. -0.01 min  
 Lab File: BE092241.D  
 Acq: 9 Aug 2016 23:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 31.0  | 26.8  | 40.2  |
| 170     | 19.1  | 17.8  | 26.6  |





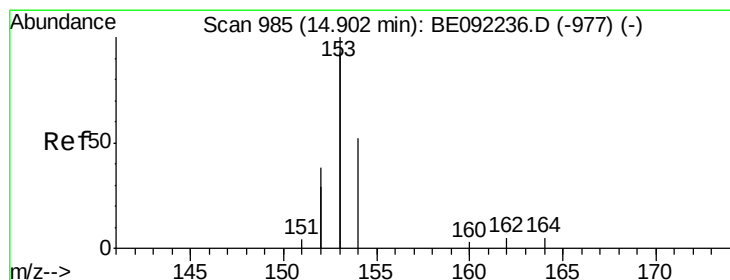
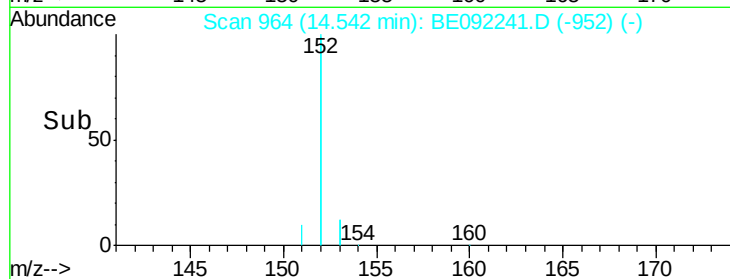
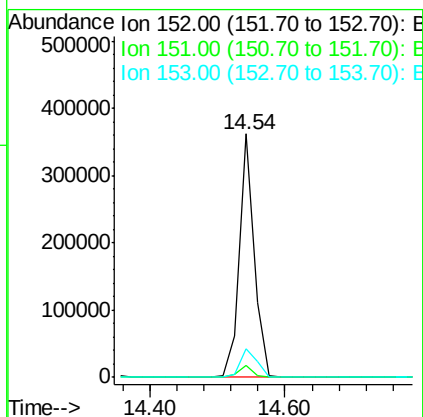
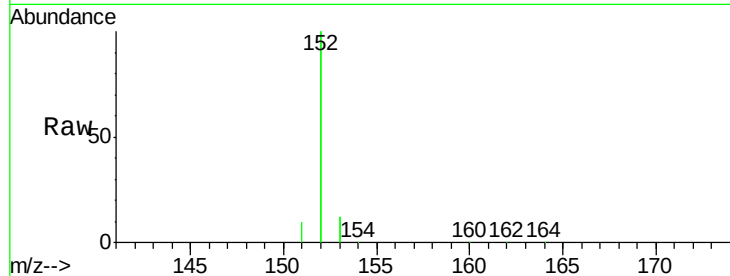
#15  
Acenaphthylene  
Concen: 10.12 ng  
RT: 14.54 min Scan# 964  
Delta R.T. -0.00 min  
Lab File: BE092241.D  
Acq: 9 Aug 2016 23:04

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 5.0   | 3.8   | 5.8   |
| 153     | 13.3  | 10.2  | 15.2  |

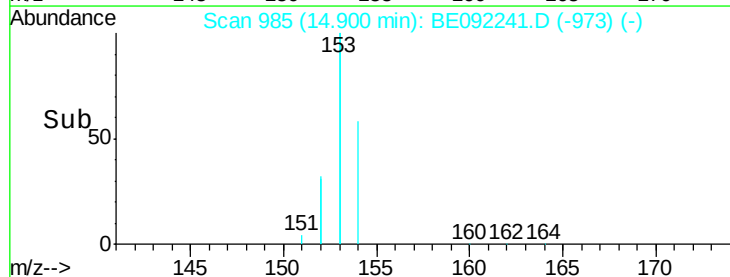
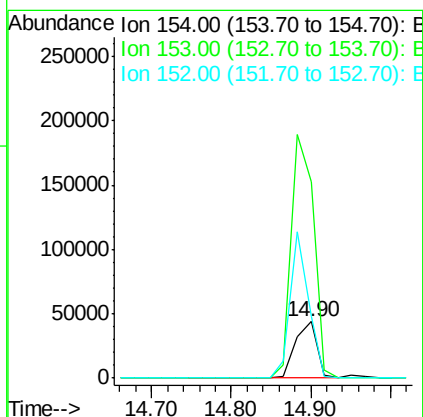
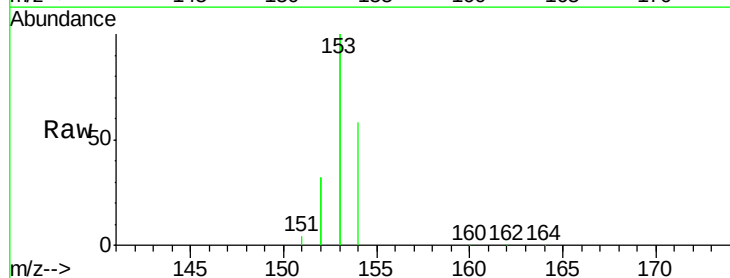
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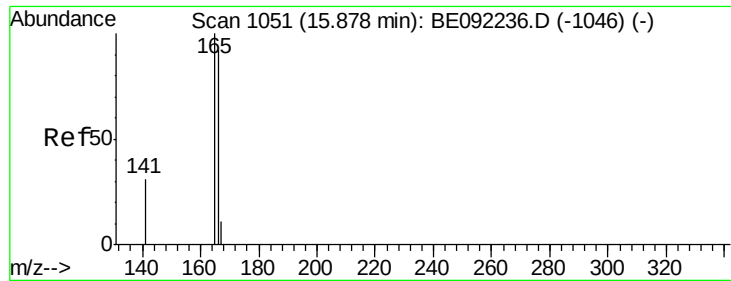
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#16  
Acenaphthene  
Concen: 9.38 ng  
RT: 14.90 min Scan# 985  
Delta R.T. -0.00 min  
Lab File: BE092241.D  
Acq: 9 Aug 2016 23:04

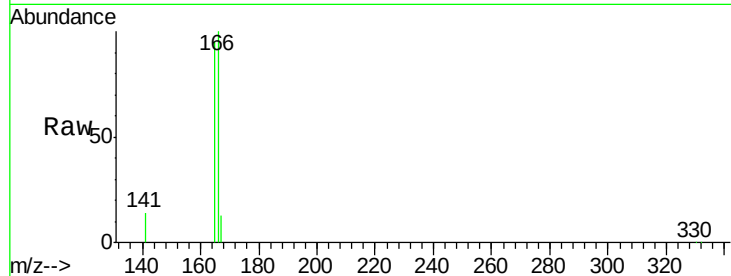
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 446.5 | 355.0 | 532.4 |
| 152     | 219.9 | 179.7 | 269.5 |





#17  
**Fluorene**  
 Concen: 9.81 ng  
 RT: 15.88 min Scan# 1051  
 Delta R.T. 0.00 min  
 Lab File: BE092241.D  
 Acq: 9 Aug 2016 23:04

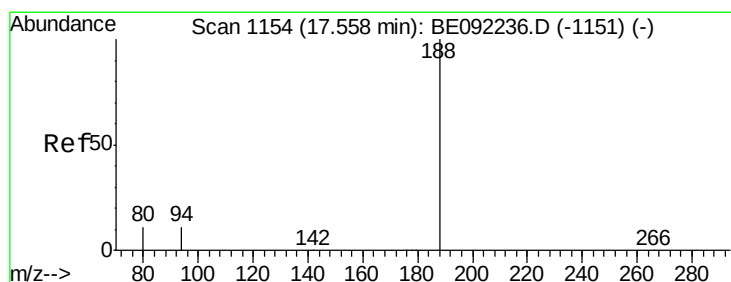
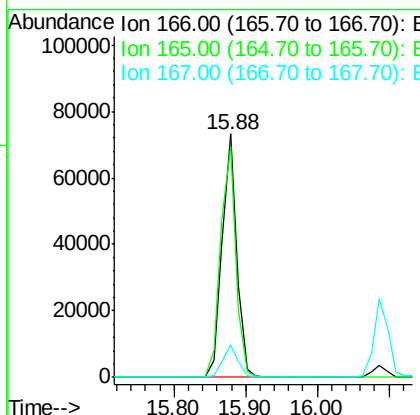
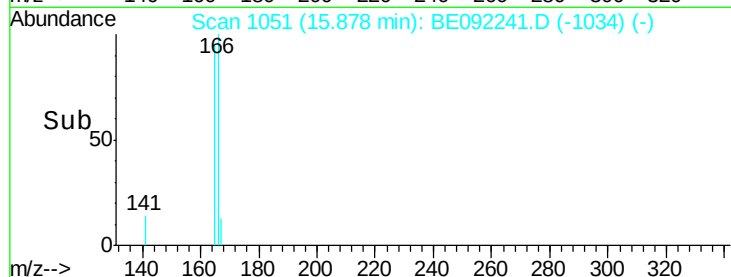
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC010



Tgt Ion:166 Resp: 103824  
 Ion Ratio Lower Upper  
 166 100  
 165 98.7 80.1 120.1  
 167 13.4 10.6 16.0

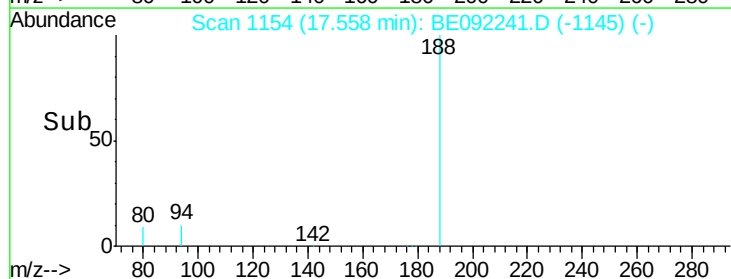
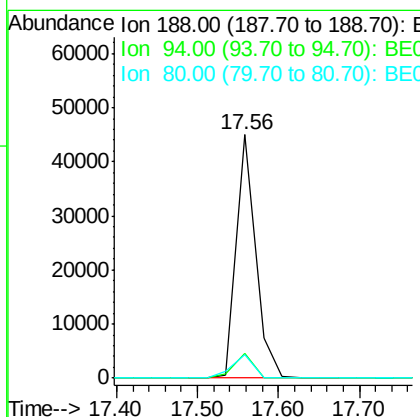
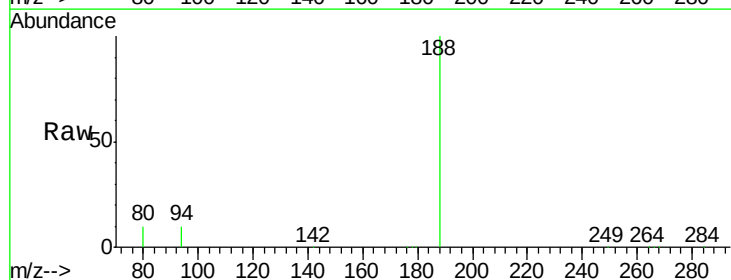
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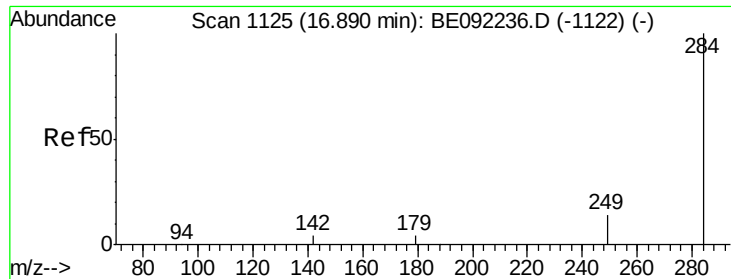
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#18  
**Phenanthrene-d10**  
 Concen: 5.00 ng  
 RT: 17.56 min Scan# 1154  
 Delta R.T. 0.00 min  
 Lab File: BE092241.D  
 Acq: 9 Aug 2016 23:04

Tgt Ion:188 Resp: 73632  
 Ion Ratio Lower Upper  
 188 100  
 94 9.9 9.2 13.8  
 80 9.5 9.1 13.7





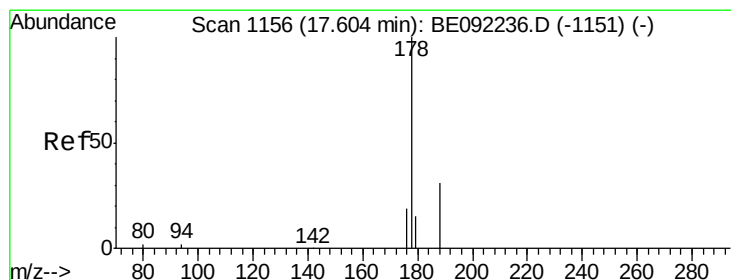
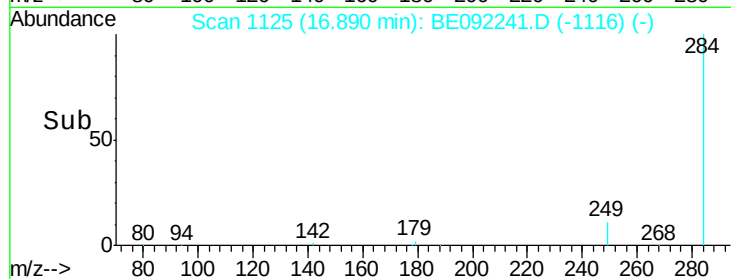
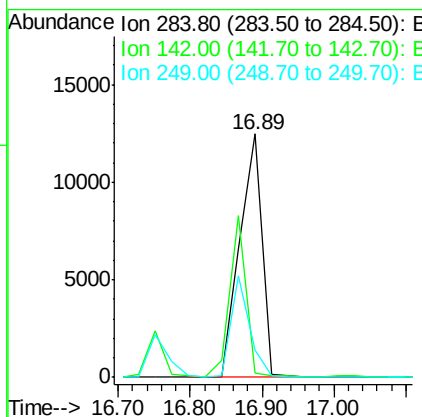
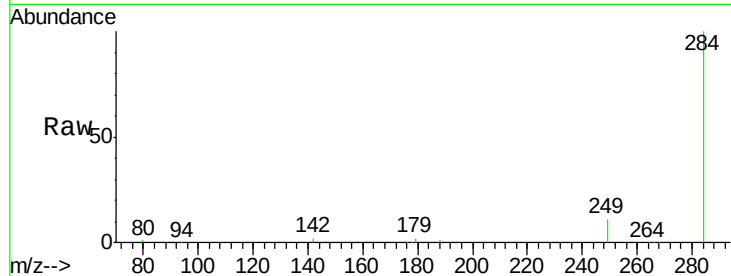
#19  
Hexachlorobenzene  
Concen: 9.03 ng  
RT: 16.89 min Scan# 1125  
Delta R.T. 0.00 min  
Lab File: BE092241.D  
Acq: 9 Aug 2016 23:04

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC010

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

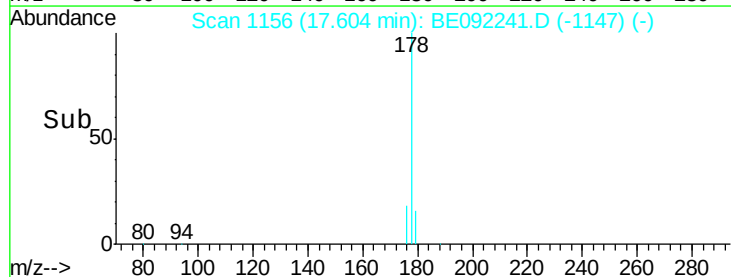
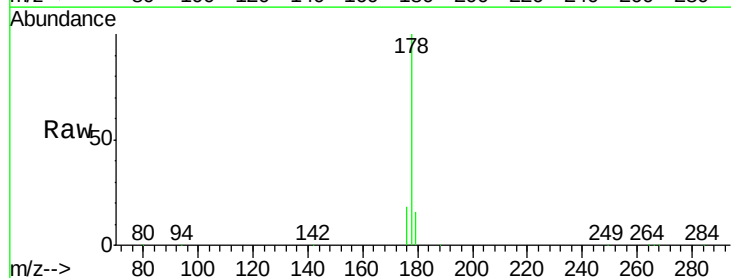
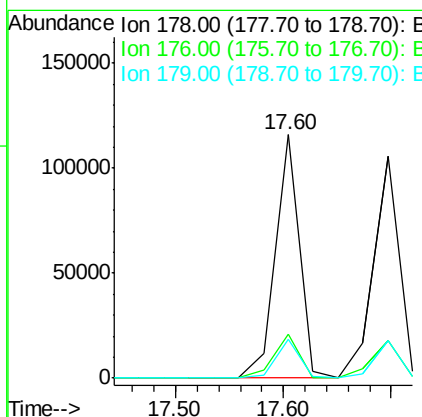
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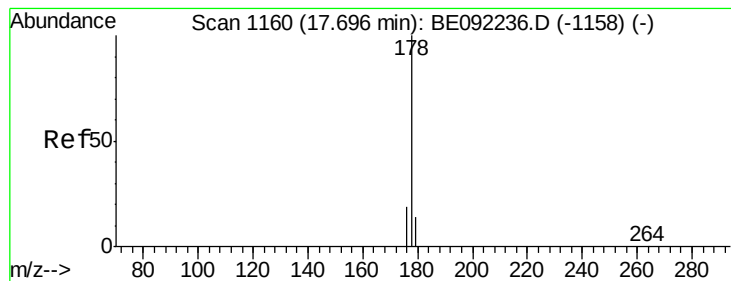
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#21  
Phenanthrene  
Concen: 9.53 ng  
RT: 17.60 min Scan# 1156  
Delta R.T. 0.00 min  
Lab File: BE092241.D  
Acq: 9 Aug 2016 23:04

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 178     | 100   |            |            |
| 176     | 18.9  | 15.1       | 22.7       |
| 179     | 15.7  | 12.9       | 19.3       |





#22

Anthracene

Concen: 10.12 ng

RT: 17.70 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE092241.D

Acq: 9 Aug 2016 23:04

Instrument :

BNA\_E

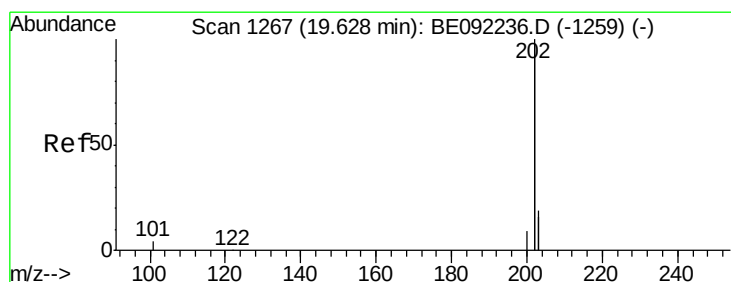
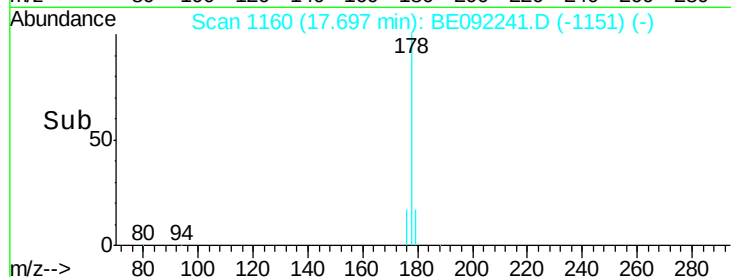
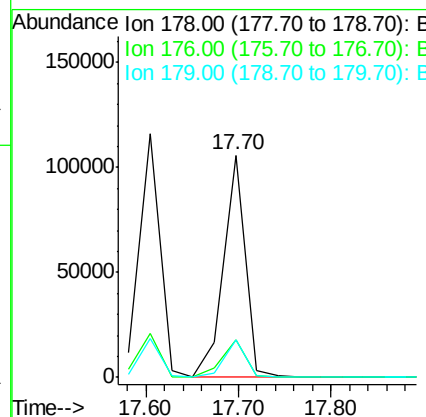
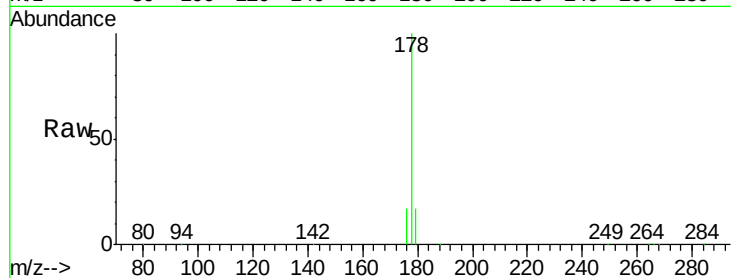
ClientSampled :

SSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 174714 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 18.4  | 15.0  | 22.4   |
| 179       | 16.0  | 12.0  | 18.0   |

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#23

Fluoranthene

Concen: 10.03 ng

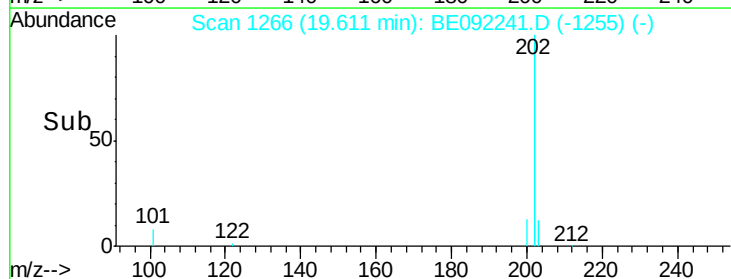
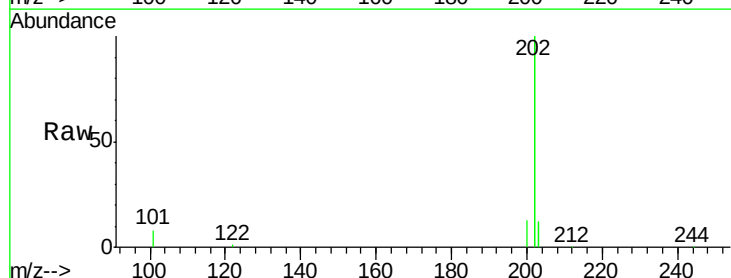
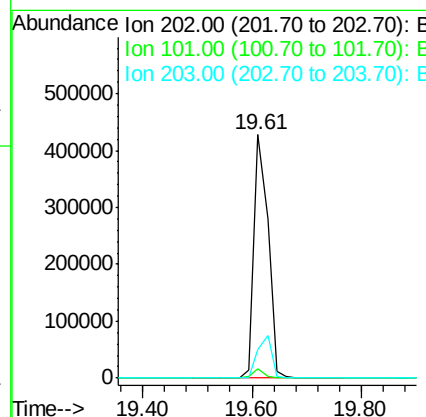
RT: 19.61 min Scan# 1266

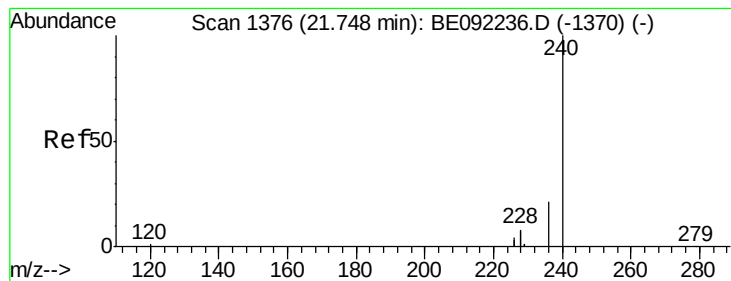
Delta R.T. -0.02 min

Lab File: BE092241.D

Acq: 9 Aug 2016 23:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 758635 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 3.0   | 2.2   | 3.4    |
| 203       | 17.7  | 13.7  | 20.5   |





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.73 min Scan# 1375

Delta R.T. -0.02 min

Lab File: BE092241.D

Acq: 9 Aug 2016 23:04

Instrument :

BNA\_E

ClientSampleId :

SSTDIC010

Tgt Ion: 240 Resp: 69566  
Ion Ratio Lower Upper

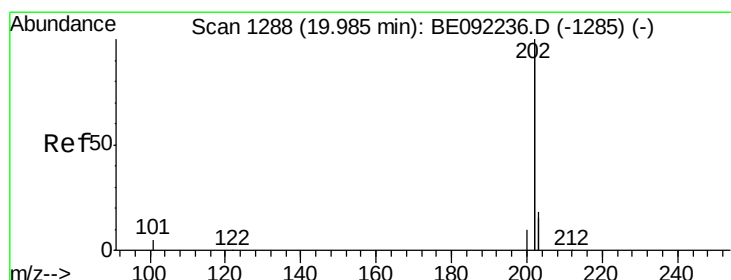
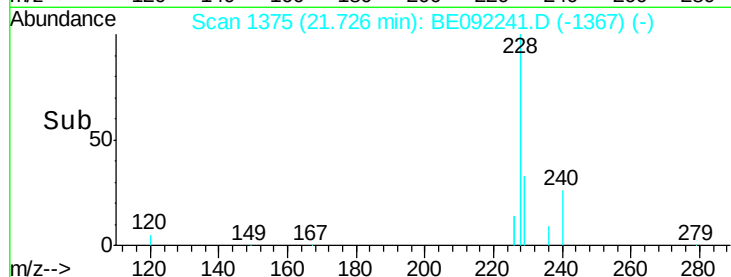
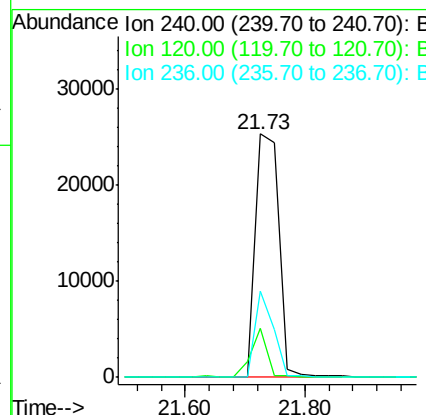
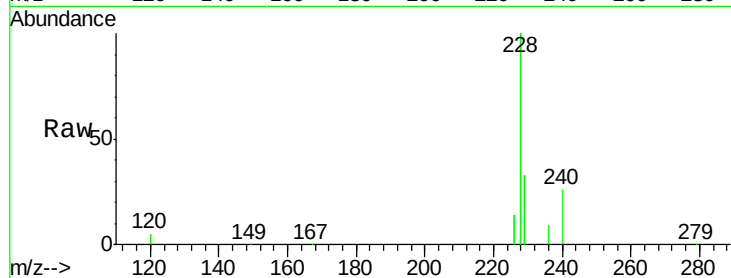
240 100

120 20.3 1.2 1.8#

236 35.2 17.1 25.7#

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#25

Pyrene

Concen: 10.05 ng

RT: 19.99 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BE092241.D

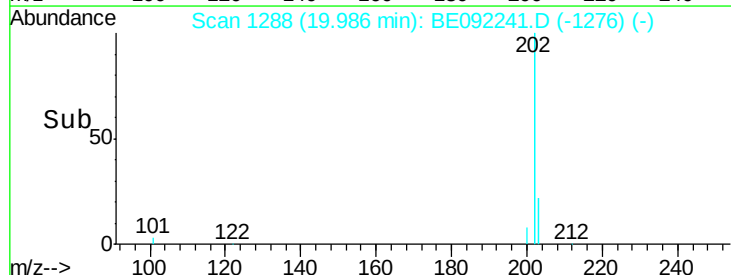
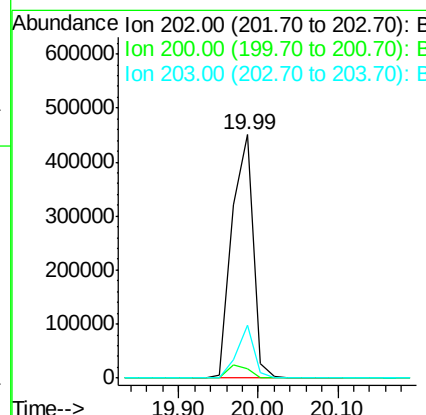
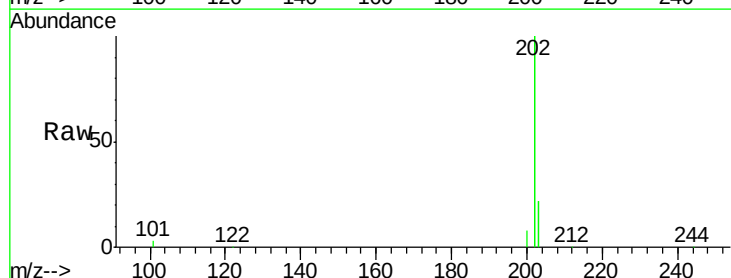
Acq: 9 Aug 2016 23:04

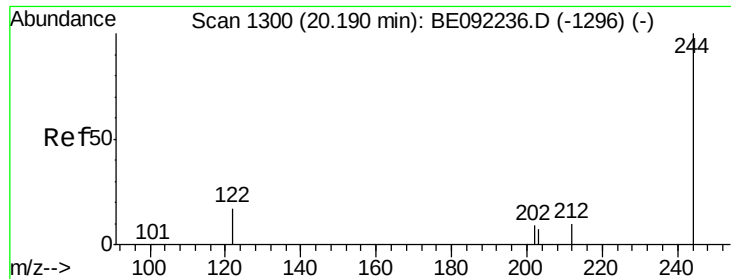
Tgt Ion: 202 Resp: 826810  
Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

203 17.6 14.0 21.0





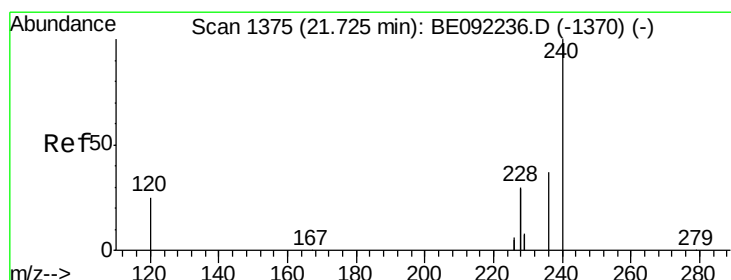
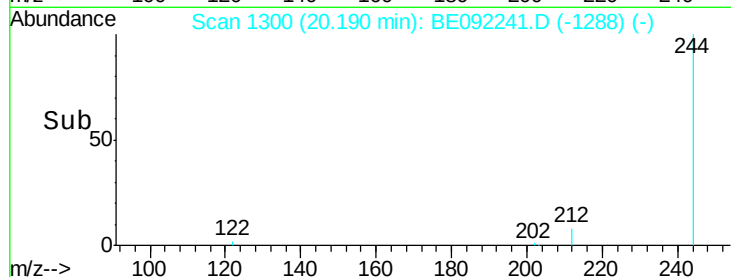
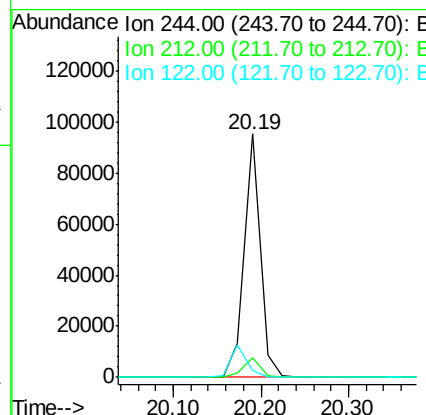
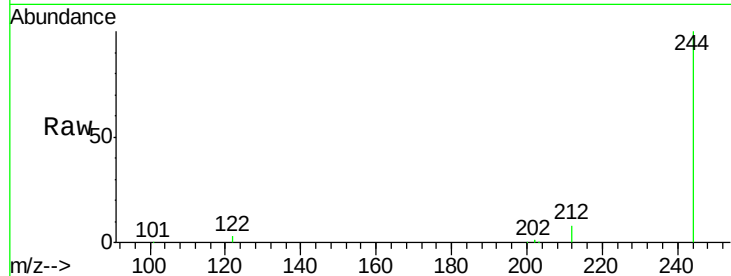
#26  
 Terphenyl-d14  
 Concen: 10.29 ng  
 RT: 20.19 min Scan# 1300  
 Delta R.T. 0.00 min  
 Lab File: BE092241.D  
 Acq: 9 Aug 2016 23:04

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.0   | 10.2  | 15.2# |
| 122     | 2.9   | 15.9  | 23.9# |

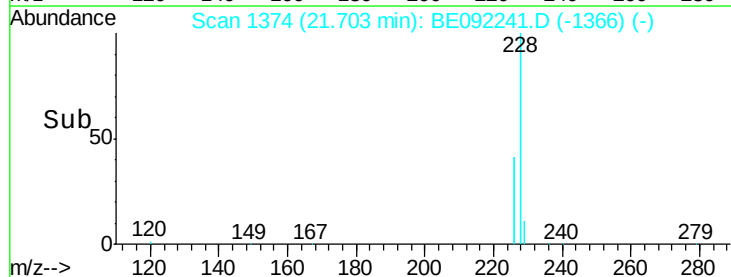
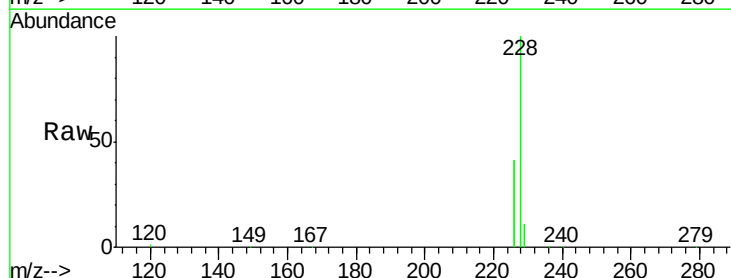
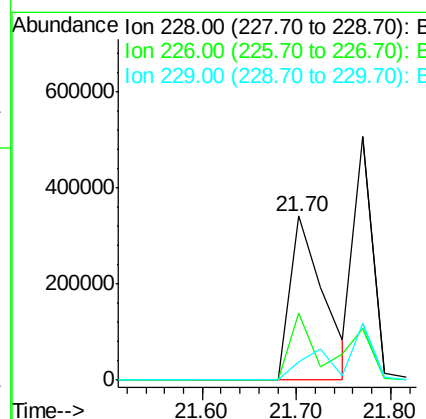
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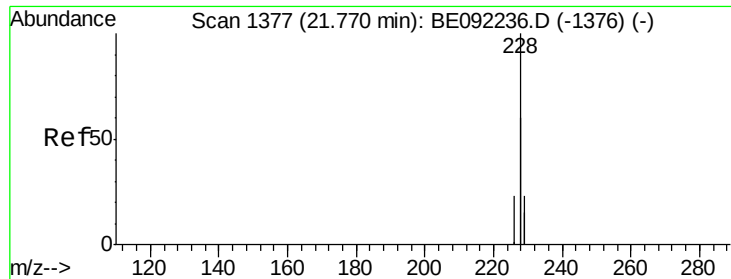
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#27  
 Benzo(a)anthracene  
 Concen: 10.01 ng  
 RT: 21.70 min Scan# 1374  
 Delta R.T. -0.02 min  
 Lab File: BE092241.D  
 Acq: 9 Aug 2016 23:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 40.8  | 15.9  | 23.9# |
| 229     | 11.5  | 22.4  | 33.6# |





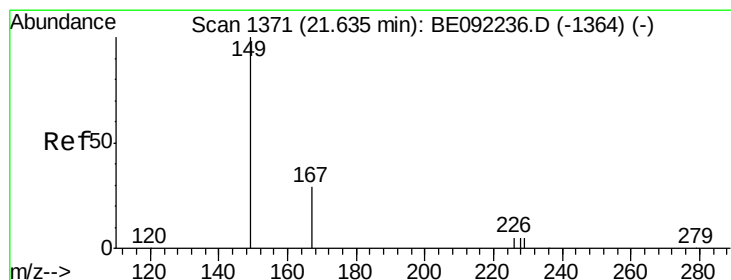
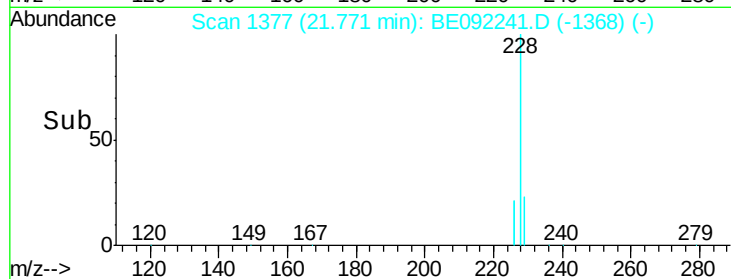
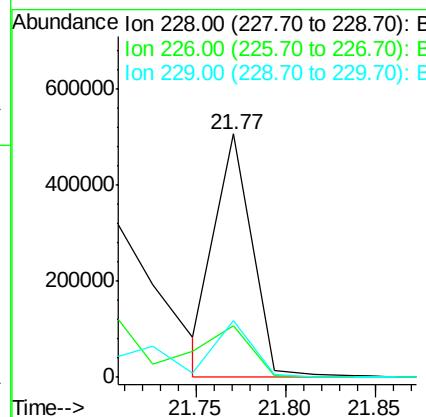
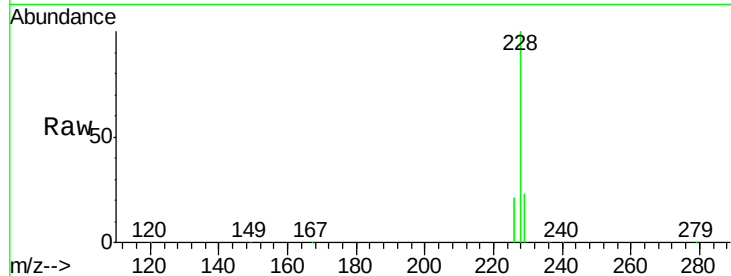
#28  
**Chrysene**  
 Concen: 9.30 ng m  
 RT: 21.77 min Scan# 1377  
 Delta R.T. 0.00 min  
 Lab File: BE092241.D  
 Acq: 9 Aug 2016 23:04

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 21.3  | 18.3  | 27.5  |
| 229     | 23.5  | 18.6  | 27.8  |

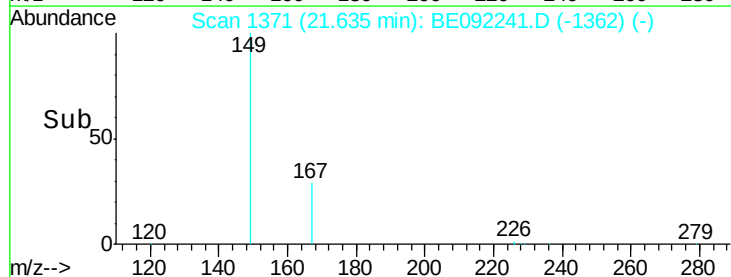
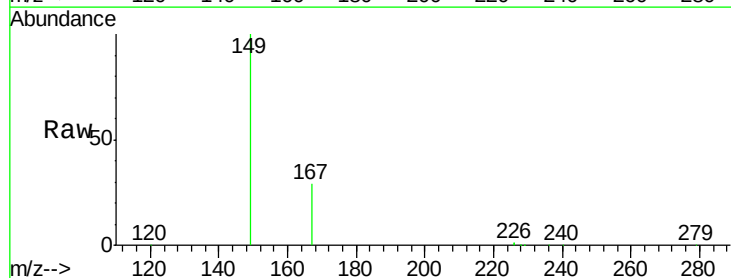
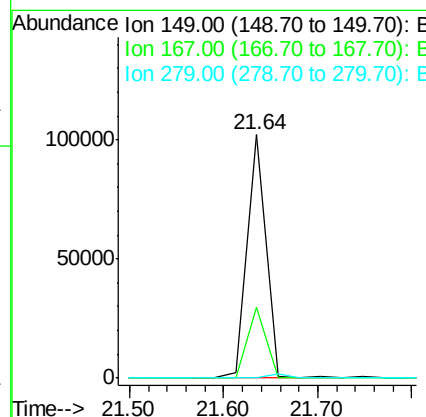
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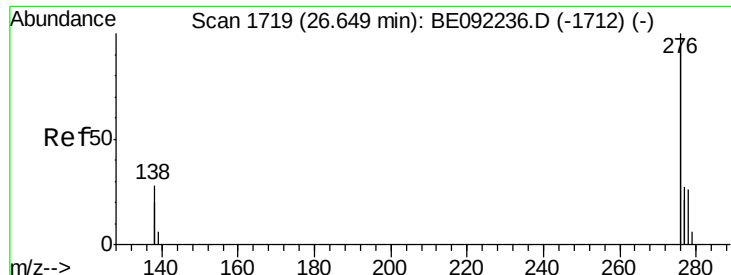


#29  
**Bis(2-ethylhexyl)phthalate**  
 Concen: 13.44 ng  
 RT: 21.64 min Scan# 1371  
 Delta R.T. 0.00 min  
 Lab File: BE092241.D  
 Acq: 9 Aug 2016 23:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.7  | 22.1  | 33.1  |
| 279     | 0.0   | 0.0   | 0.0   |







#30

Indeno(1,2,3-cd)pyrene

Concen: 10.51 ng

RT: 26.63 min Scan# 1718

Delta R.T. -0.02 min

Lab File: BE092241.D

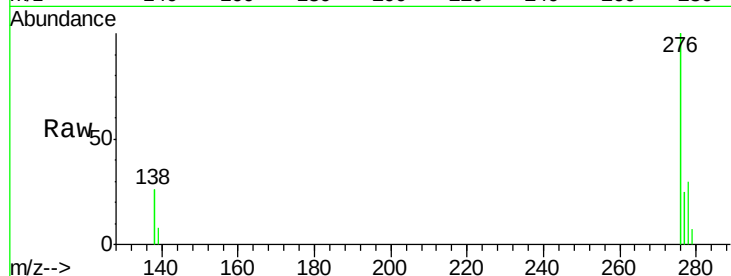
Acq: 9 Aug 2016 23:04

Instrument :

BNA\_E

ClientSampleId :

SSTDIC010



Tgt Ion: 276 Resp: 873092

Ion Ratio Lower Upper

276 100

138 27.5 21.3 31.9

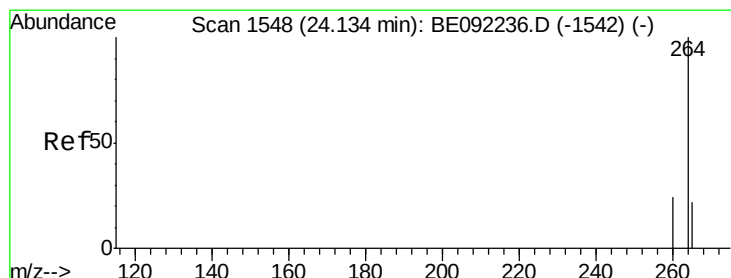
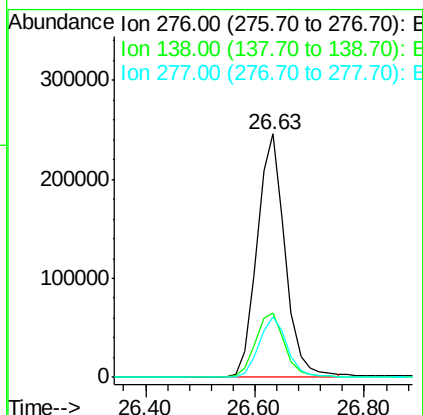
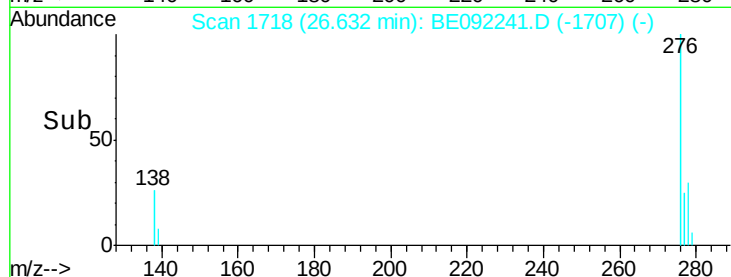
277 24.8 19.7 29.5

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#31

Perylene-d12

Concen: 5.00 ng

RT: 24.13 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BE092241.D

Acq: 9 Aug 2016 23:04

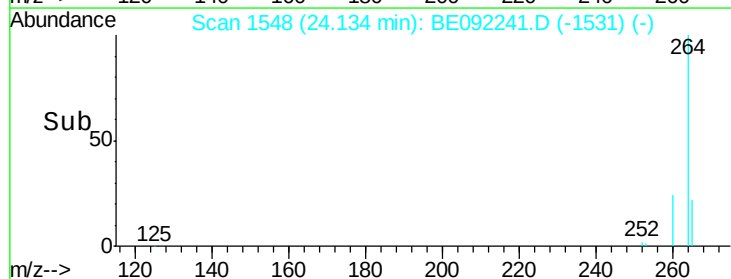
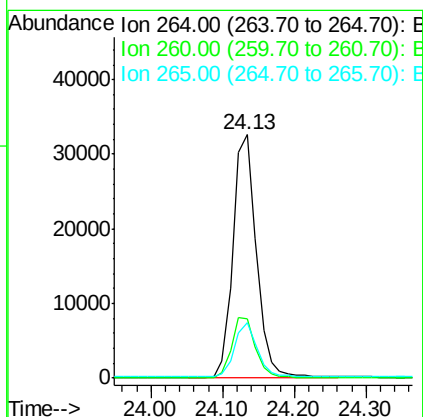
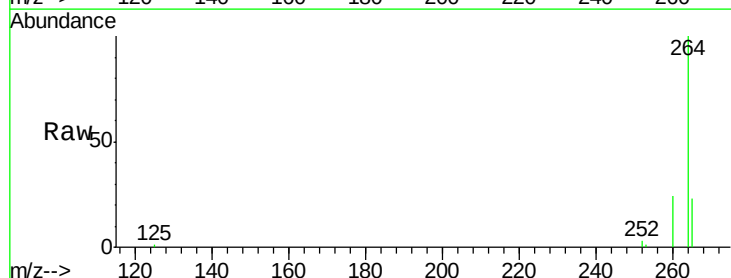
Tgt Ion: 264 Resp: 74547

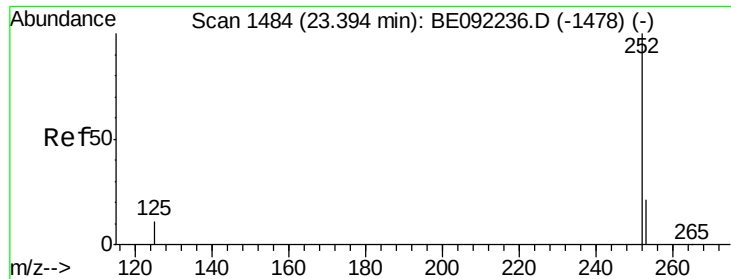
Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 23.0 18.2 27.4





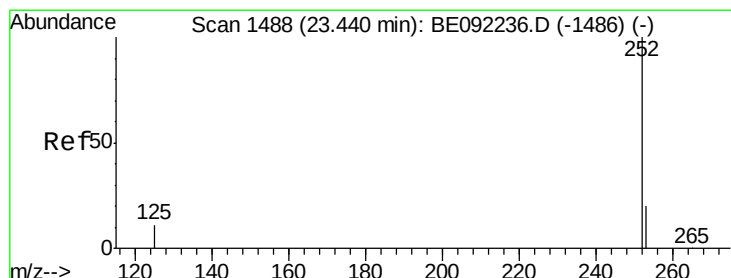
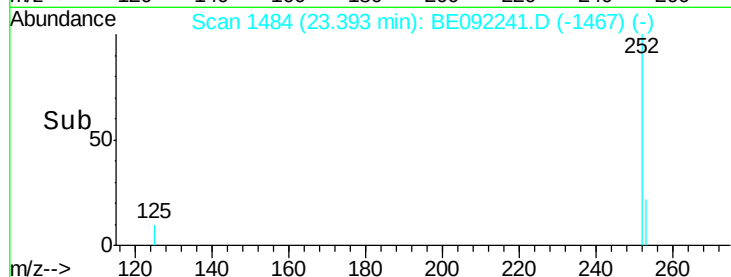
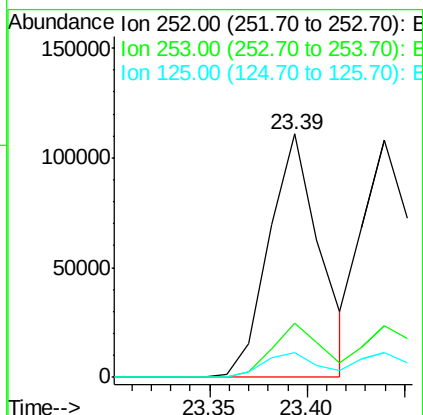
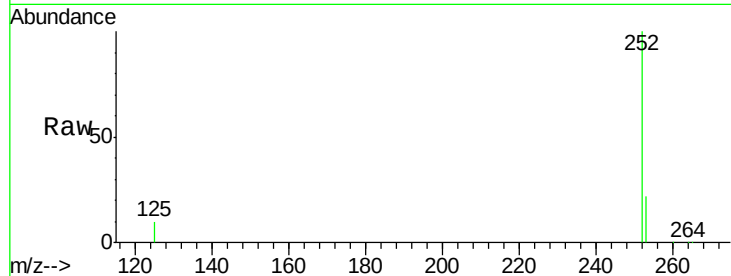
#32  
Benzo(b)fluoranthene  
Concen: 10.29 ng m  
RT: 23.39 min Scan# 1484  
Delta R.T. -0.00 min  
Lab File: BE092241.D  
Acq: 9 Aug 2016 23:04

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 19.0  | 28.4  |
| 125     | 10.3  | 10.3  | 15.5  |

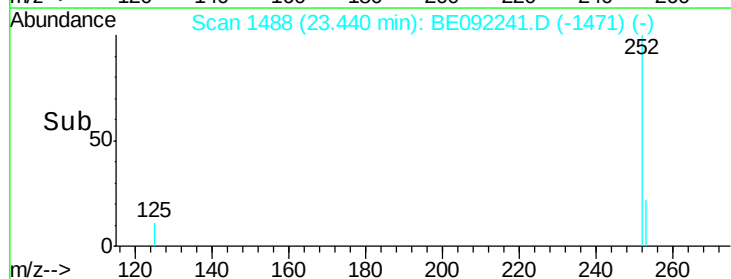
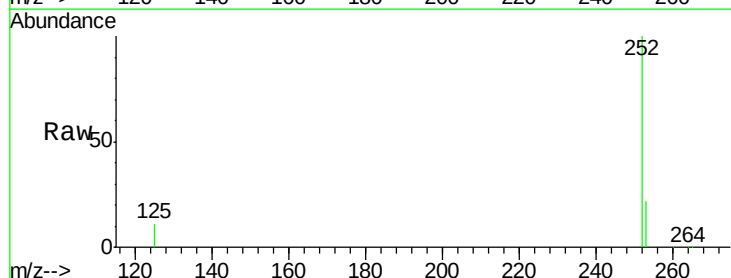
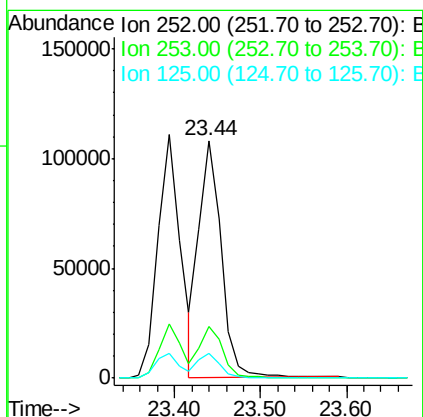
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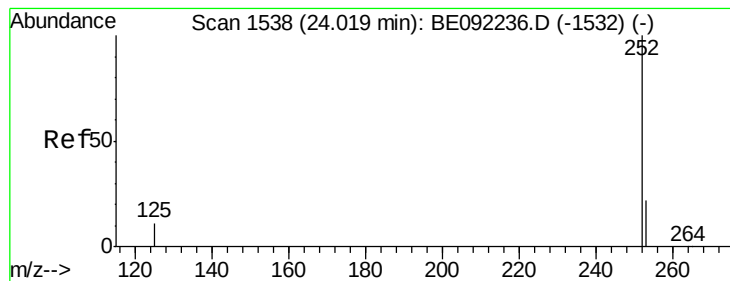
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#33  
Benzo(k)fluoranthene  
Concen: 9.63 ng  
RT: 23.44 min Scan# 1488  
Delta R.T. -0.00 min  
Lab File: BE092241.D  
Acq: 9 Aug 2016 23:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 19.0  | 28.6  |
| 125     | 10.6  | 10.6  | 15.8  |





#34

Benzo(a)pyrene

Concen: 10.35 ng

RT: 24.02 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BE092241.D

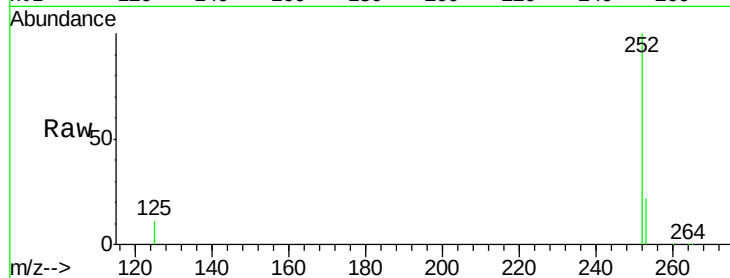
Acq: 9 Aug 2016 23:04

Instrument :

BNA\_E

ClientSampleId :

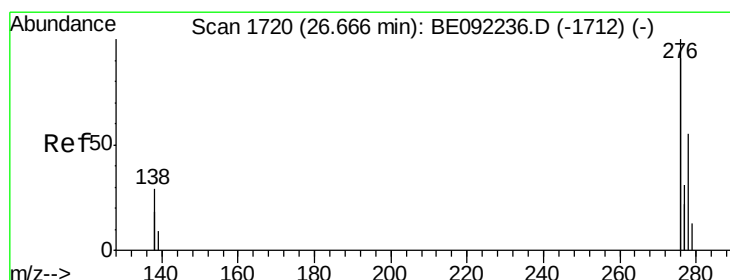
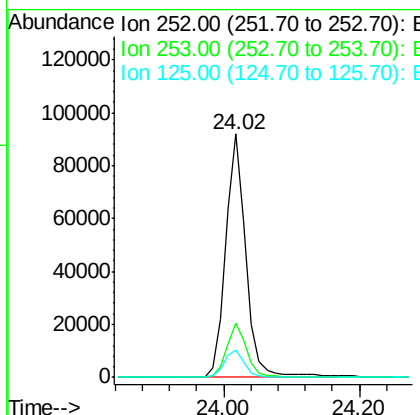
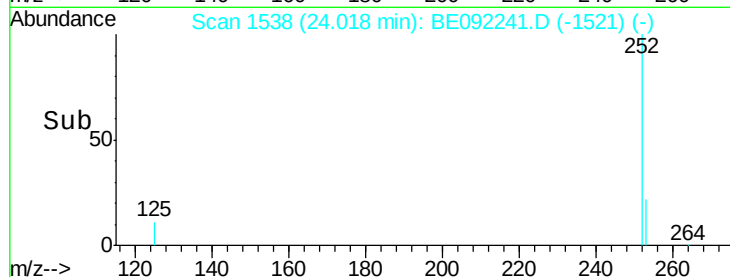
SSTDIC010



|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 252  | Resp: | 191015 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 253       | 22.0 | 20.3  | 30.5   |
| 125       | 11.3 | 11.8  | 17.6   |

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#35

Dibenzo(a,h)anthracene

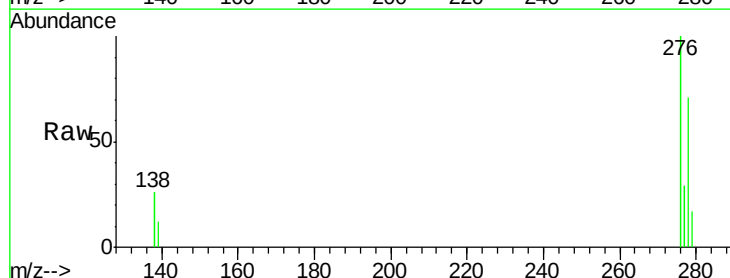
Concen: 10.63 ng

RT: 26.65 min Scan# 1719

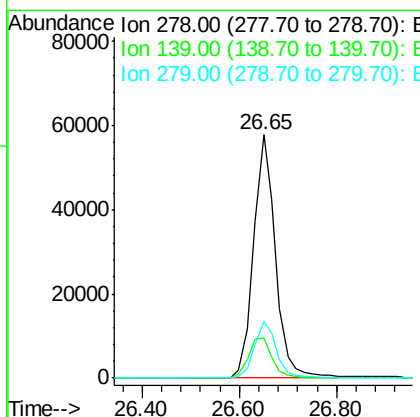
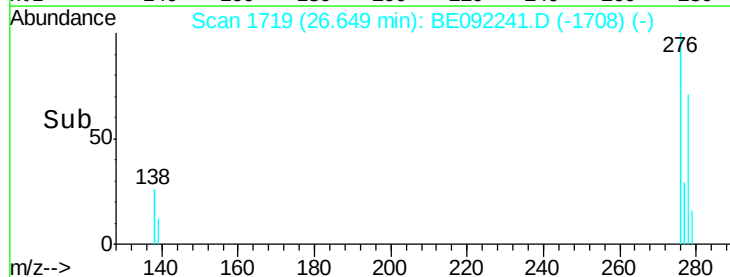
Delta R.T. -0.02 min

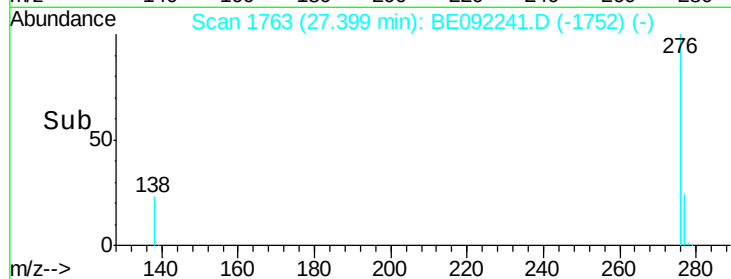
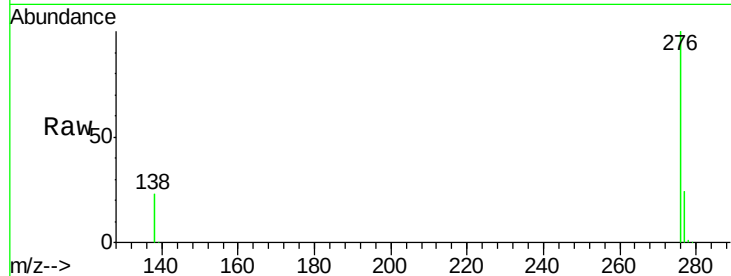
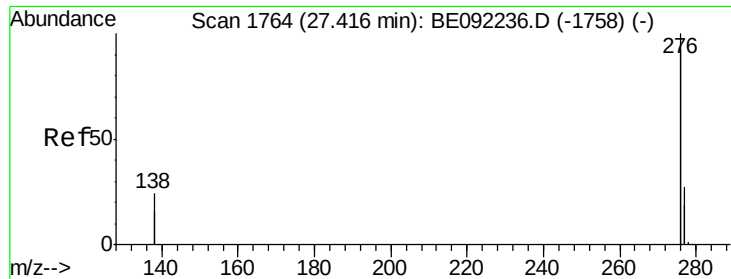
Lab File: BE092241.D

Acq: 9 Aug 2016 23:04



|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 278  | Resp: | 182549 |
| Ion Ratio |      | Lower | Upper  |
| 278       | 100  |       |        |
| 139       | 16.7 | 16.2  | 24.2   |
| 279       | 23.2 | 21.4  | 32.2   |





#36  
 Benzo(g,h,i)perylene  
 Concen: 10.19 ng  
 RT: 27.40 min Scan# 1763  
 Delta R.T. -0.02 min  
 Lab File: BE092241.D  
 Acq: 9 Aug 2016 23:04

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC010

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 276     | 100   |            |            |
| 277     | 23.6  | 21.4       | 32.2       |
| 138     | 22.8  | 19.4       | 29.2       |

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