

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080515\  
 Data File : BE090382.D  
 Acq On : 6 Aug 2015 9:07  
 Operator : TP/UM  
 Sample : G3180-10  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 080415-D506-E-D-S

Manual Integrations  
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 8/10/2015 10:11:16 AM

Quant Time: Aug 06 13:45:04 2015  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 06 02:22:05 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min)       |
|--------------------------------|-------|------|----------|------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.58  | 152  | 21322    | 5.00 | ng    | 0.00           |
| 6) Naphthalene-d8              | 10.34 | 136  | 95167    | 5.00 | ng    | 0.00           |
| 12) Acenaphthene-d10           | 14.20 | 164  | 62158    | 5.00 | ng    | 0.00           |
| 18) Phenanthrene-d10           | 16.94 | 188  | 135760   | 5.00 | ng    | 0.00           |
| 25) Chrysene-d12               | 21.10 | 240  | 160578   | 5.00 | ng    | 0.00           |
| 32) Perylene-d12               | 23.40 | 264  | 147004   | 5.00 | ng    | 0.00           |
| System Monitoring Compounds    |       |      |          |      |       |                |
| 4) 2-Fluorophenol              | 5.22  | 112  | 10011    | 2.67 | ng    | 0.00           |
| 5) Phenol-d6                   | 6.77  | 99   | 8846     | 1.48 | ng    | 0.00           |
| 7) Nitrobenzene-d5             | 8.73  | 82   | 25736    | 3.39 | ng    | 0.00           |
| 13) 2,4,6-Tribromophenol       | 15.71 | 330  | 11281    | 6.52 | ng    | 0.00           |
| 14) 2-Fluorobiphenyl           | 12.82 | 172  | 68652    | 4.02 | ng    | 0.00           |
| 27) Terphenyl-d14              | 19.56 | 244  | 135499   | 5.73 | ng    | 0.00           |
| Target Compounds               |       |      |          |      |       |                |
| 30) Bis(2-ethylhexyl)phthalate | 21.03 | 149  | 1570     | 0.29 | ng    | Qvalue<br># 96 |

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

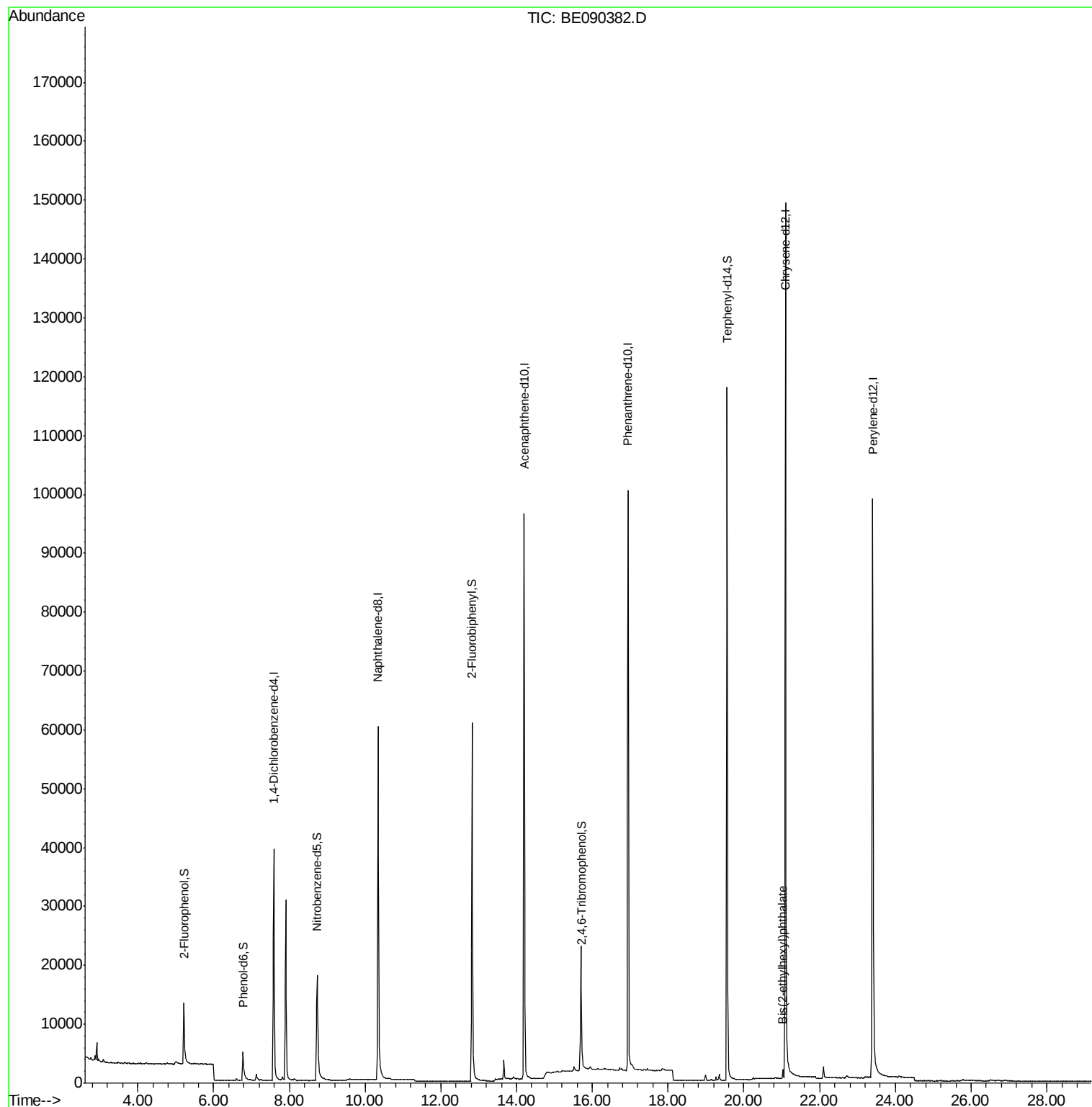
Data Path : Z:\HPCHEM1\BNA E\DATA\BE080515\  
Data File : BE090382.D  
Acq On : 6 Aug 2015 9:07  
Operator : TP/UM  
Sample : G3180-10  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

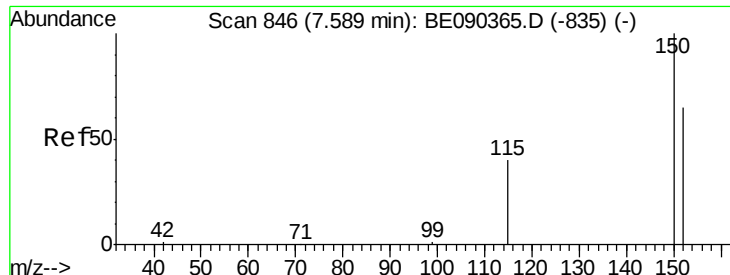
Instrument :  
BNA\_E  
ClientSampleId :  
080415-D506-E-D-S

Manual Integrations  
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8/10/2015 10:11:16 AM

Quant Time: Aug 06 13:45:04 2015  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 06 02:22:05 2015  
Response via : Initial Calibration





#1

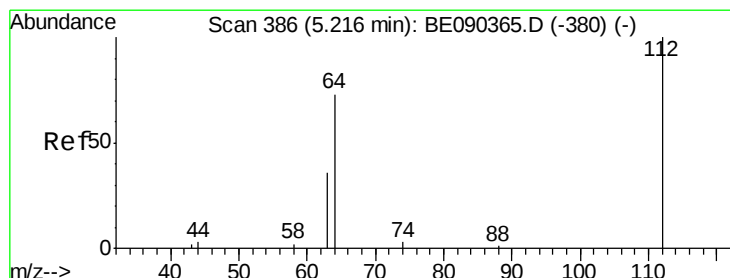
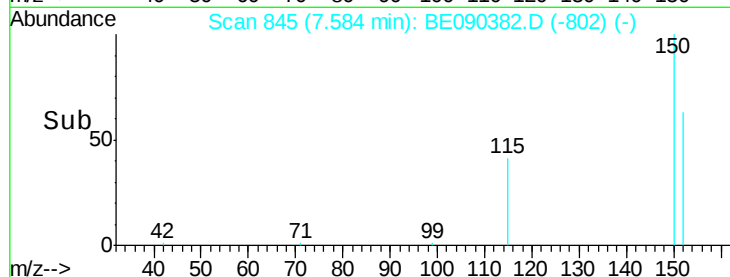
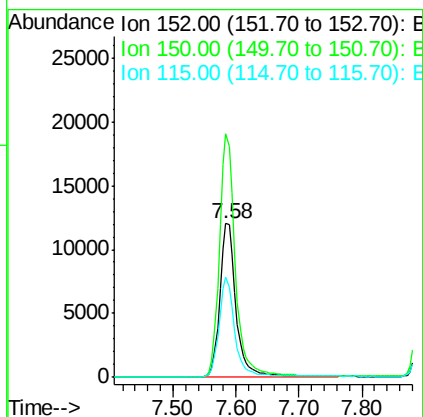
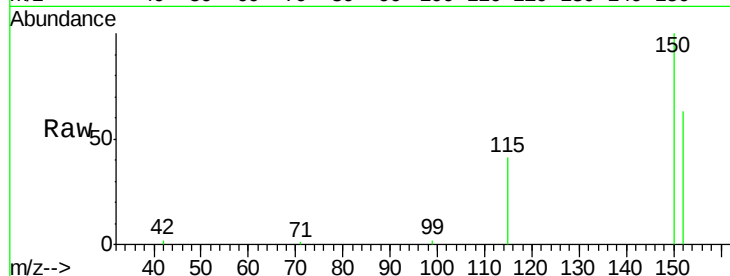
1,4-Dichlorobenzene-d4  
Concen: 5.00 ng  
RT: 7.58 min Scan# 845  
Delta R.T. -0.00 min  
Lab File: BE090382.D  
Acq: 6 Aug 2015 9:07

Instrument :  
BNA\_E  
ClientSampleId :  
080415-D506-E-D-S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.4 | 123.0 | 184.4 |
| 115     | 65.5  | 48.9  | 73.3  |

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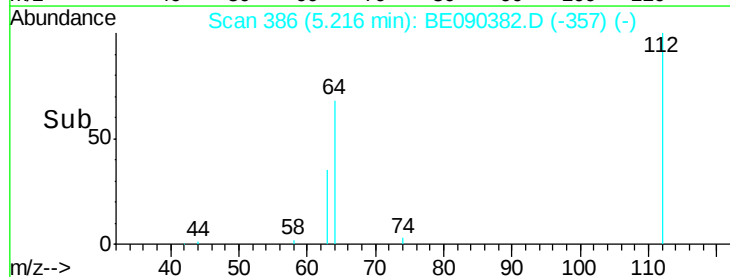
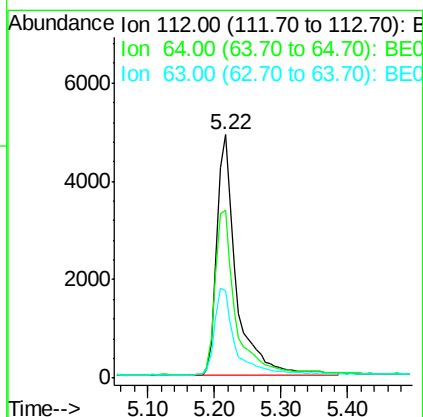
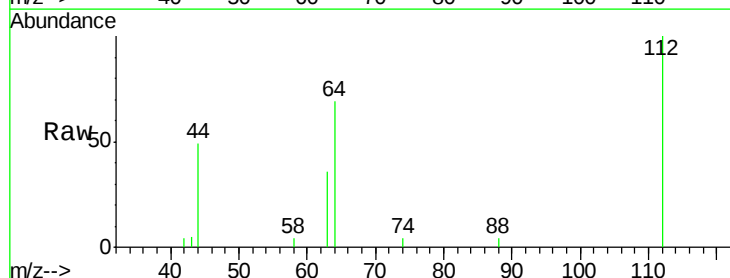
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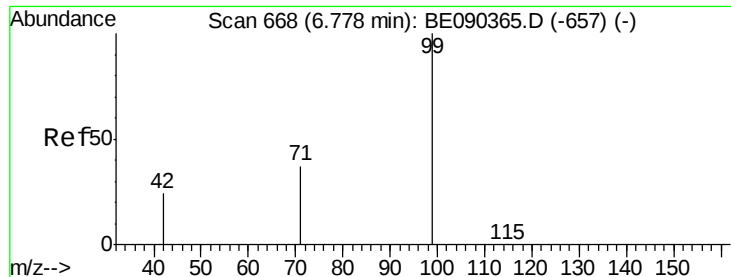


#4

2-Fluorophenol  
Concen: 2.67 ng  
RT: 5.22 min Scan# 386  
Delta R.T. -0.00 min  
Lab File: BE090382.D  
Acq: 6 Aug 2015 9:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 71.0  | 37.1  | 55.7# |
| 63      | 36.6  | 19.5  | 29.3# |





#5

Phenol-d6

Concen: 1.48 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090382.D

Acq: 6 Aug 2015 9:07

Instrument :

BNA\_E

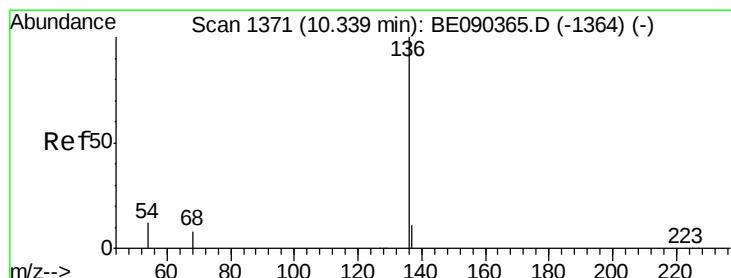
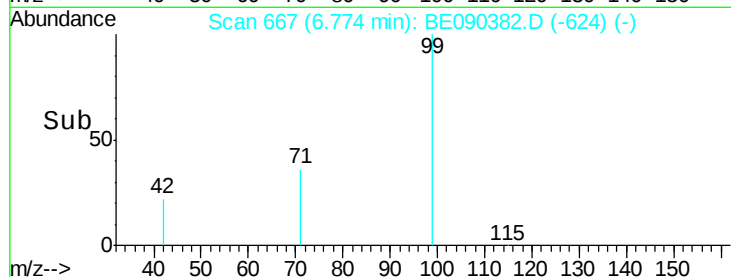
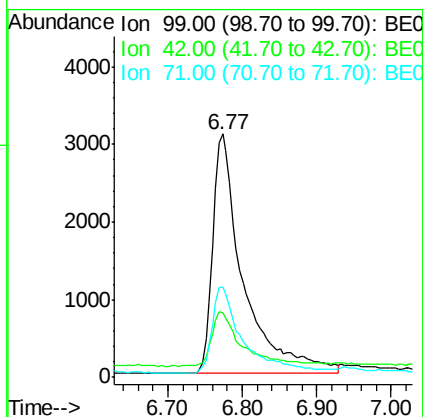
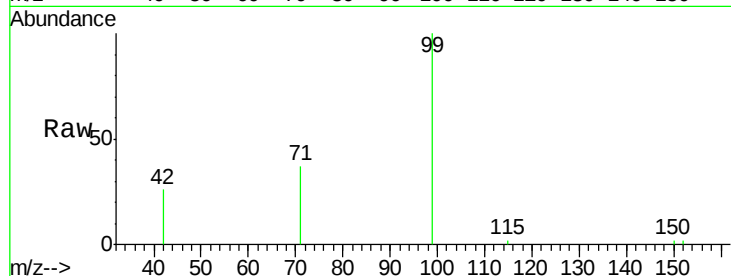
ClientSampleId :

080415-D506-E-D-S

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 99    | Resp: | 8846 |
| Ion Ratio | Lower | Upper |      |
| 99        | 100   |       |      |
| 42        | 21.9  | 18.2  | 27.4 |
| 71        | 35.9  | 27.4  | 41.0 |

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#6

Naphthalene-d8

Concen: 5.00 ng

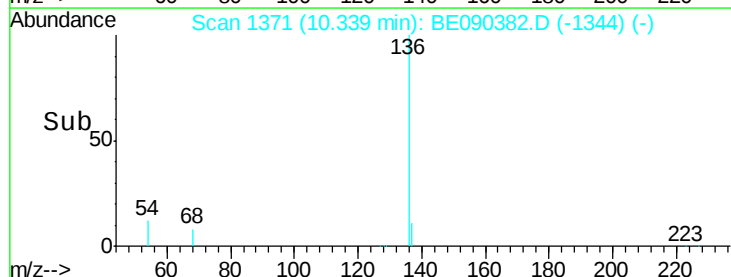
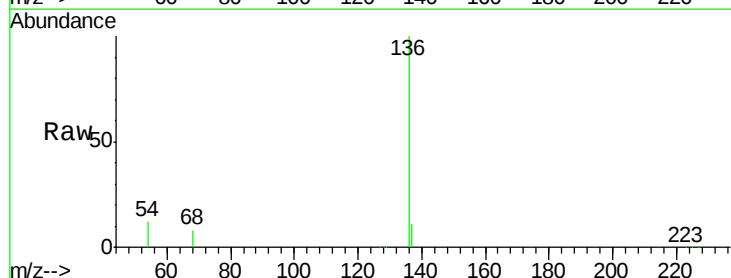
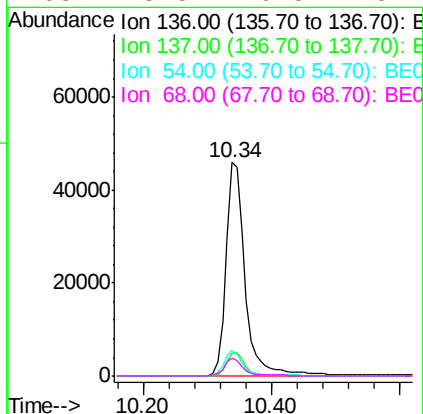
RT: 10.34 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BE090382.D

Acq: 6 Aug 2015 9:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 95167 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 10.8  | 8.7   | 13.1  |
| 54        | 11.9  | 9.4   | 14.0  |
| 68        | 8.5   | 6.5   | 9.7   |





#7

Nitrobenzene-d5

Concen: 3.39 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE090382.D

Acq: 6 Aug 2015 9:07

Instrument :

BNA\_E

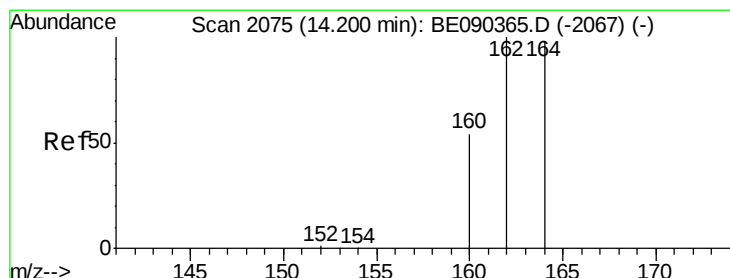
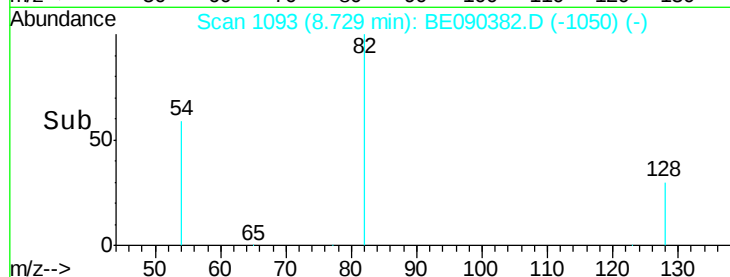
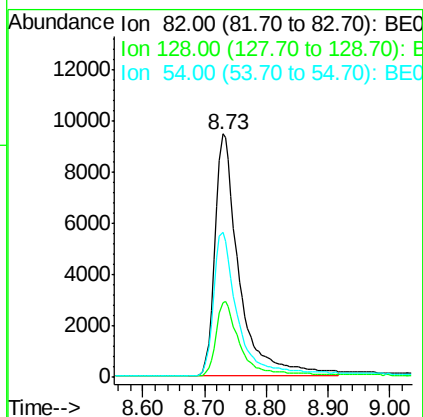
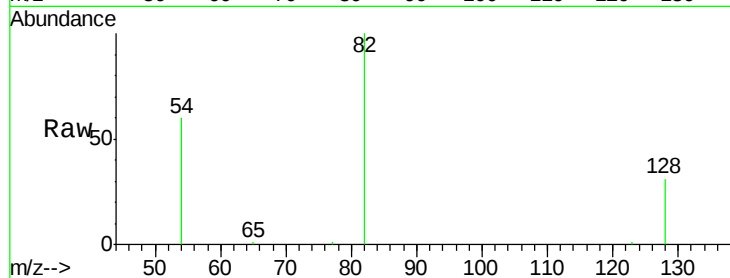
ClientSampleId :

080415-D506-E-D-S

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| Tot Ion   | 82    | Resp  | 25736 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 30.5  | 25.0  | 37.6  |
| 54        | 59.7  | 48.8  | 73.2  |



#12

Acenaphthene-d10

Concen: 5.00 ng

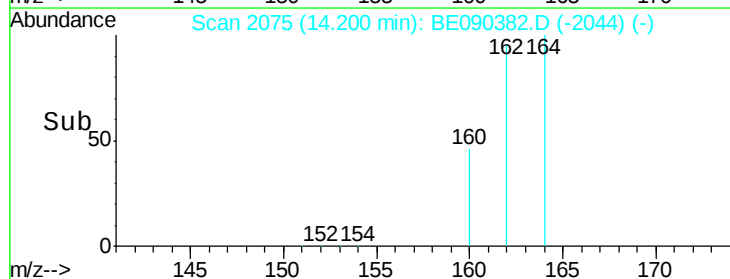
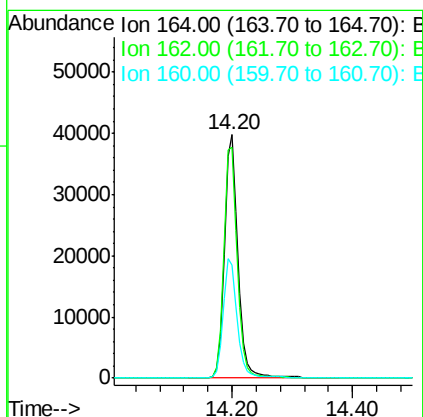
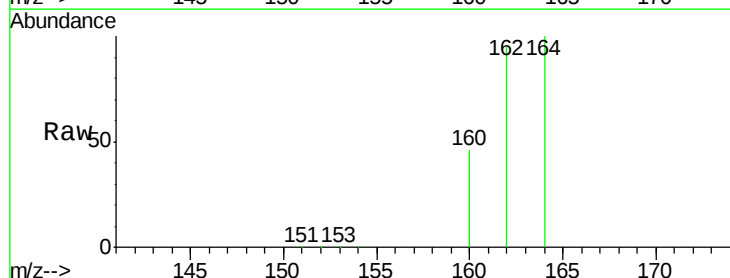
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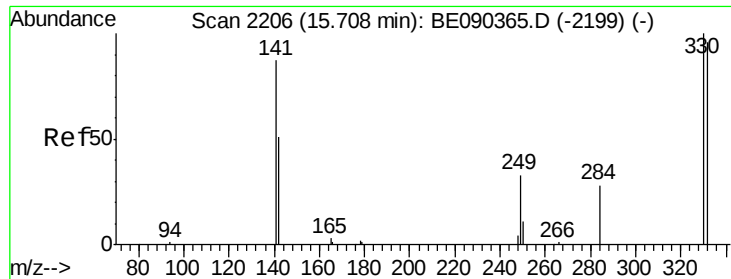
Delta R.T. 0.00 min

Lab File: BE090382.D

Acq: 6 Aug 2015 9:07

| Tgt Ion   | 164   | Resp  | 62158 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 94.9  | 81.8  | 122.8 |
| 160       | 46.3  | 44.2  | 66.4  |





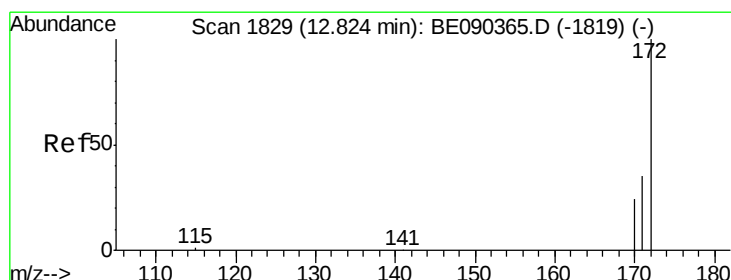
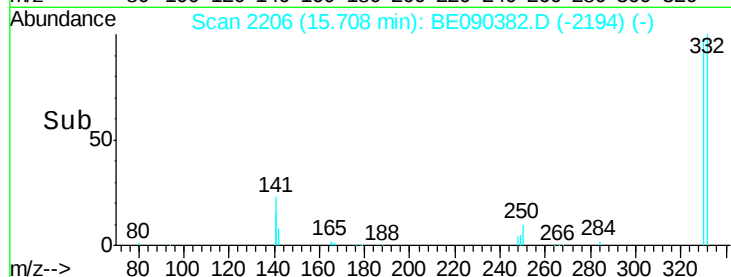
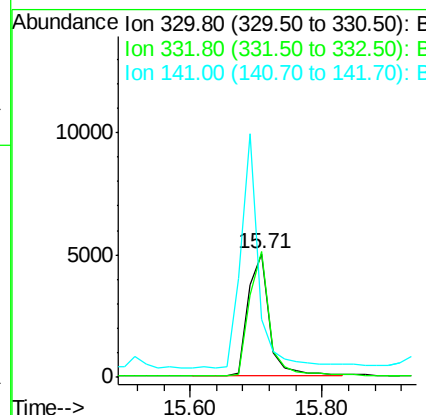
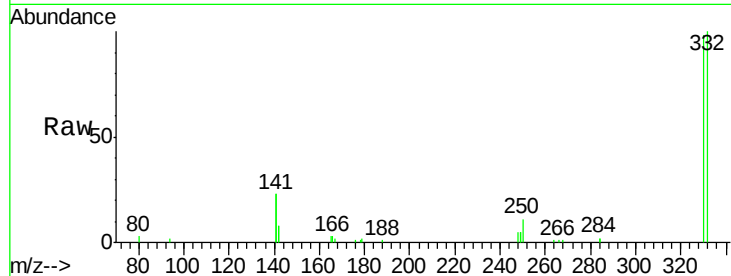
#13  
 2,4,6-Tribromophenol  
 Concen: 6.52 ng  
 RT: 15.71 min Scan# 2206  
 Delta R.T. 0.00 min  
 Lab File: BE090382.D  
 Acq: 6 Aug 2015 9:07

Instrument :  
 BNA\_E  
 ClientSampleId :  
 080415-D506-E-D-S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.5  | 75.8  | 113.6 |
| 141     | 158.2 | 114.4 | 171.6 |

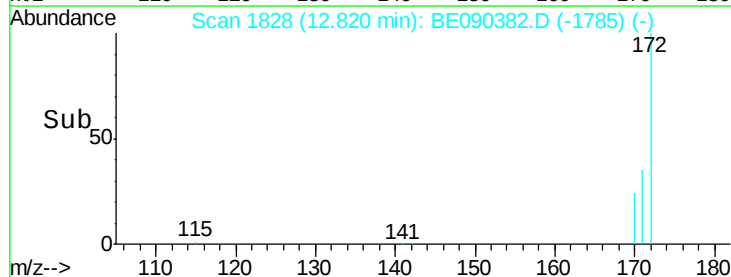
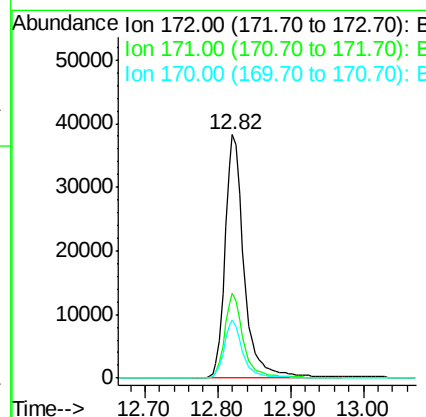
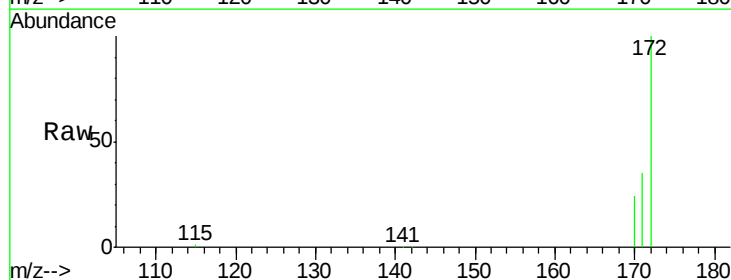
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#14  
 2-Fluorobiphenyl  
 Concen: 4.02 ng  
 RT: 12.82 min Scan# 1828  
 Delta R.T. -0.00 min  
 Lab File: BE090382.D  
 Acq: 6 Aug 2015 9:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.9  | 28.5  | 42.7  |
| 170     | 23.8  | 19.8  | 29.8  |





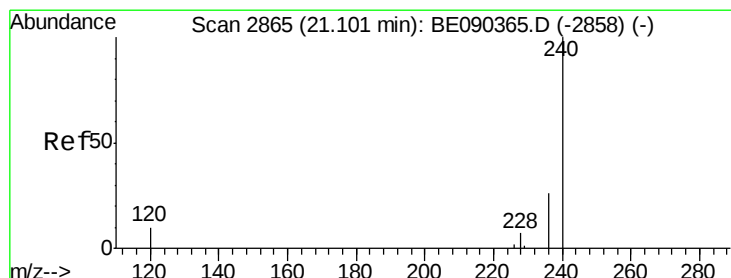
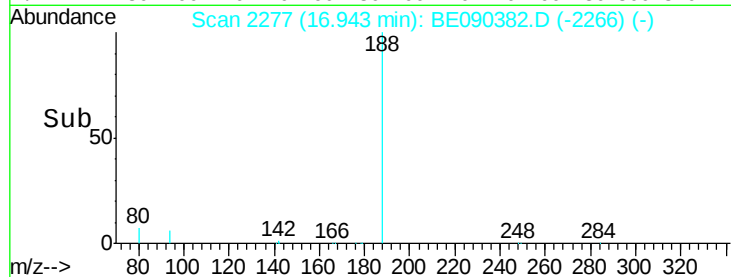
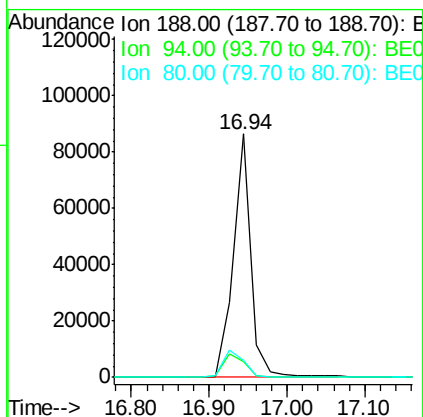
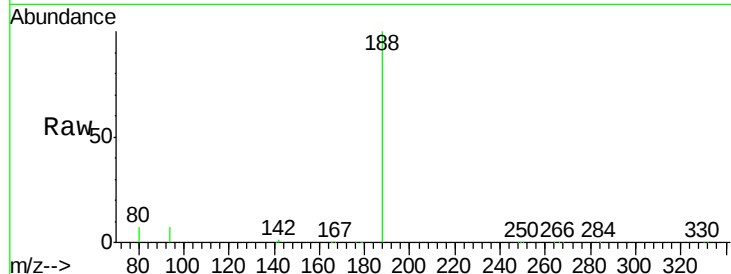
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Phenanthrene-d10  
Concen: 5.00 ng  
RT: 16.94 min Scan# 2277  
Delta R.T. 0.00 min  
Lab File: BE090382.D  
Acq: 6 Aug 2015 9:07

Instrument :  
BNA\_E  
ClientSampleId :  
080415-D506-E-D-S

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 135760 |       |       |
| 94      | 6.6   | 5.7    | 8.5   |       |
| 80      | 6.7   | 5.8    | 8.8   |       |

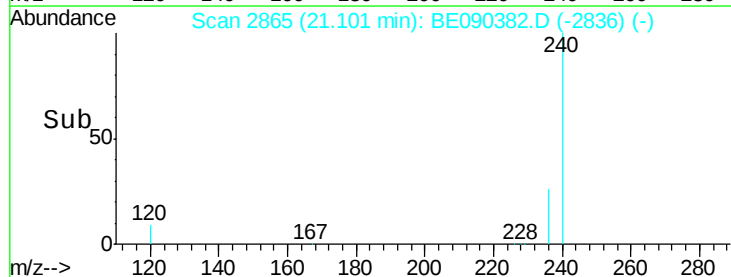
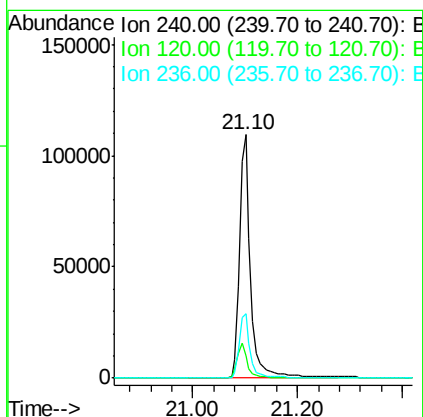
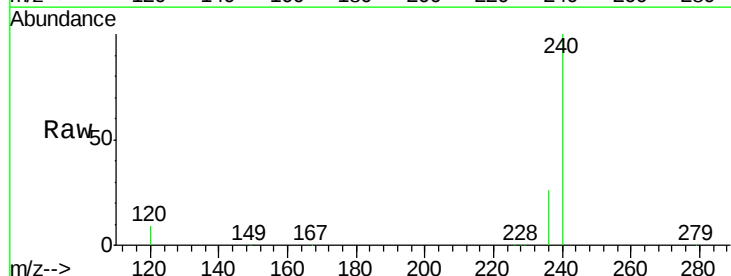
Manual Integrations  
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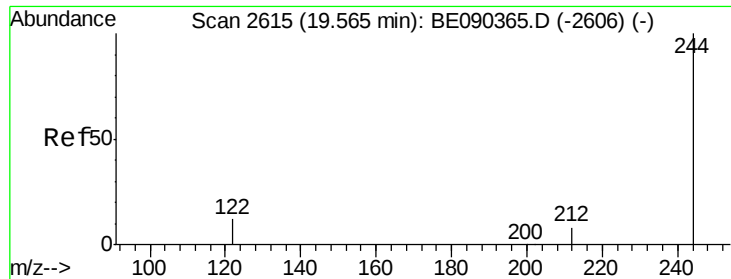
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8/10/2015 10:11:16 AM



#25  
Chrysene-d12  
Concen: 5.00 ng  
RT: 21.10 min Scan# 2865  
Delta R.T. -0.00 min  
Lab File: BE090382.D  
Acq: 6 Aug 2015 9:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 160578 |       |       |
| 120     | 9.3   | 8.3    | 12.5  |       |
| 236     | 26.2  | 21.0   | 31.4  |       |





#27

Terphenyl-d14

Concen: 5.73 ng

RT: 19.56 min Scan# 2614

Delta R.T. -0.01 min

Lab File: BE090382.D

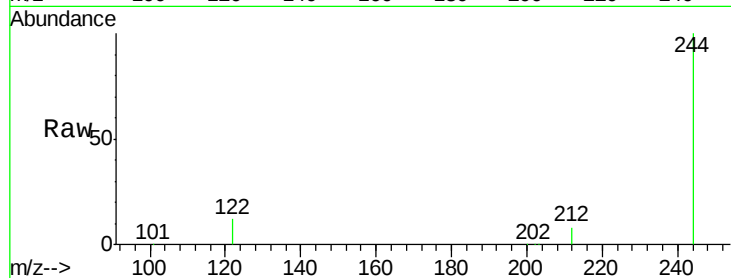
Acq: 6 Aug 2015 9:07

Instrument :

BNA\_E

ClientSampleId :

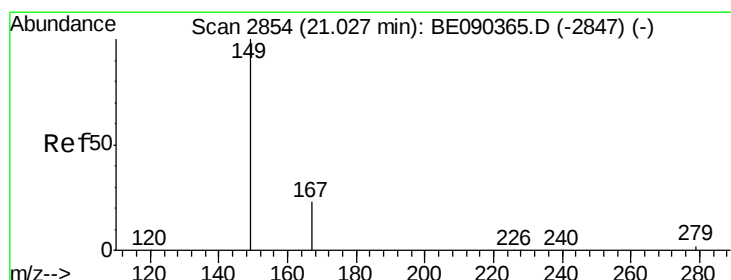
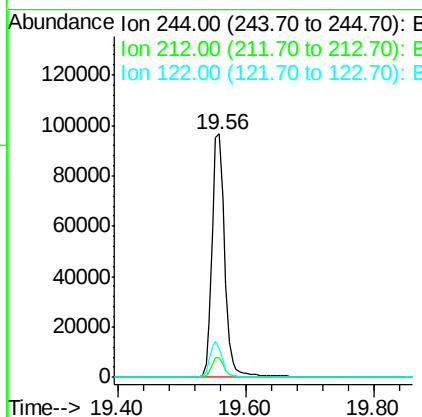
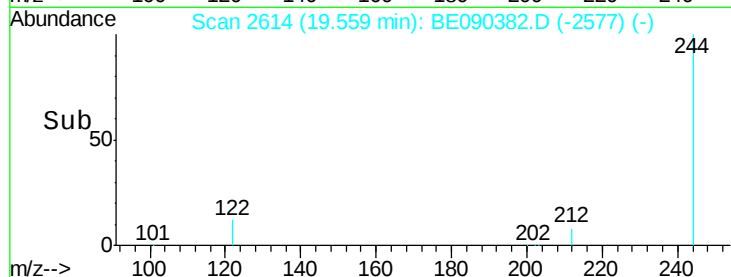
080415-D506-E-D-S



| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.0   | 6.6   | 9.8   |
| 122     | 12.0  | 10.2  | 15.4  |

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#30

Bis(2-ethylhexyl)phthalate

Concen: 0.29 ng

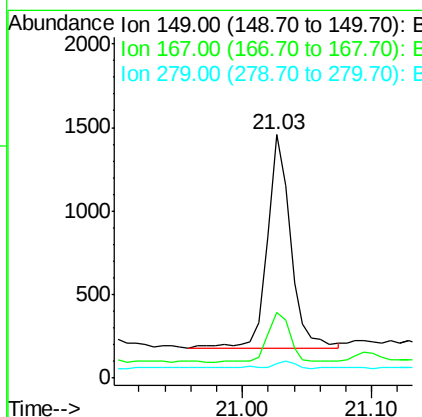
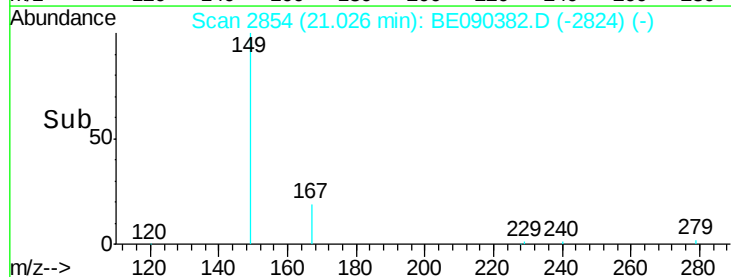
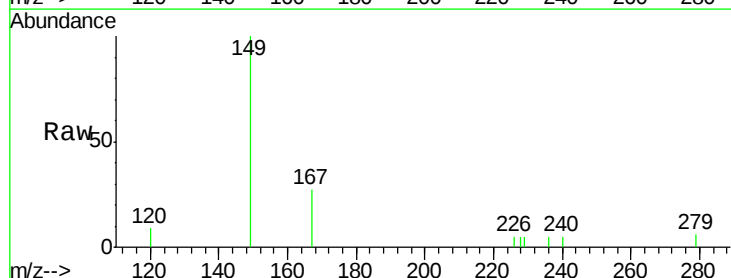
RT: 21.03 min Scan# 2854

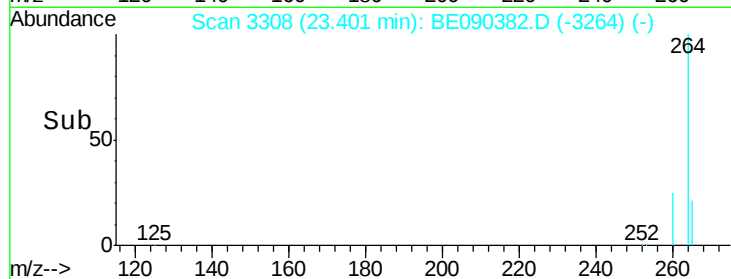
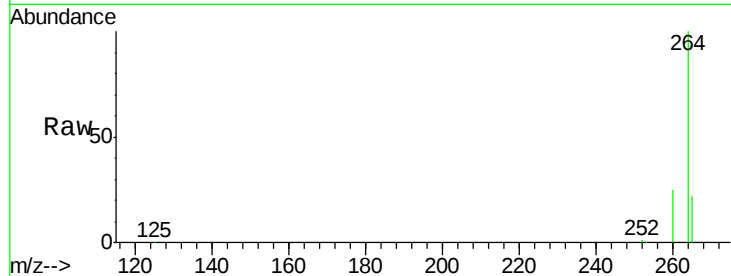
Delta R.T. 0.00 min

Lab File: BE090382.D

Acq: 6 Aug 2015 9:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 22.9  | 19.8  | 29.8  |
| 279     | 3.8   | 2.4   | 3.6#  |





#32  
 Pervlene-d12  
 Concen: 5.00 ng  
 RT: 23.40 min Scan# 3308  
 Delta R.T. 0.00 min  
 Lab File: BE090382.D  
 Acq: 6 Aug 2015 9:07

Instrument :  
 BNA\_E  
 ClientSampleId :  
 080415-D506-E-D-S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.7  | 20.1  | 30.1  |
| 265     | 21.8  | 17.2  | 25.8  |

Manual Integrations  
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 8/10/2015 10:11:16 AM

