

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE031816\  
 Data File : BE091474.D  
 Acq On : 17 Mar 2016 19:44  
 Operator : UM/SJ  
 Sample : SSTDICC3.2  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC3.2

Manual Integrations  
 APPROVED

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 3/18/2016 6:10:51 PM

Quant Time: Mar 18 03:53:44 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE031816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 18 02:38:58 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.84  | 152  | 58739    | 5.00  | ng    | 0.00     |
| 6) Naphthalene-d8           | 10.61 | 136  | 278044   | 5.00  | ng    | 0.00     |
| 10) Acenaphthene-d10        | 14.45 | 164  | 165371   | 5.00  | ng    | 0.00     |
| 16) Phenanthrene-d10        | 17.18 | 188  | 399611   | 5.00  | ng    | 0.00     |
| 22) Chrysene-d12            | 21.33 | 240  | 547153   | 5.00  | ng    | 0.00     |
| 28) Perylene-d12            | 23.81 | 264  | 481306   | 5.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.43  | 112  | 45119    | 4.25  | ng    | 0.00     |
| 5) Phenol-d6                | 6.99  | 99   | 61251    | 4.87  | ng    | 0.00     |
| 7) Nitrobenzene-d5          | 8.98  | 82   | 43314    | 3.64  | ng    | 0.00     |
| 11) 2,4,6-Tribromophenol    | 15.93 | 330  | 17025m   | 3.86  | ng    | 0.00     |
| 12) 2-Fluorobiphenyl        | 13.07 | 172  | 145177   | 3.15  | ng    | 0.00     |
| 24) Terphenyl-d14           | 19.80 | 244  | 227627   | 3.33  | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane              | 3.37  | 88   | 22347    | 3.35  | ng    | 96       |
| 3) n-Nitrosodimethylamine   | 3.66  | 42   | 37828    | 7.51  | ng    | # 90     |
| 8) Naphthalene              | 10.65 | 128  | 225669   | 3.03  | ng    | 99       |
| 9) 2-Methylnaphthalene      | 12.27 | 142  | 152031   | 3.25  | ng    | 99       |
| 13) Acenaphthylene          | 14.16 | 152  | 260811   | 3.19  | ng    | 98       |
| 14) Acenaphthene            | 14.50 | 154  | 172077   | 2.92  | ng    | 99       |
| 15) Fluorene                | 15.49 | 166  | 219267   | 3.22  | ng    | 100      |
| 17) Hexachlorobenzene       | 16.48 | 284  | 59294    | 2.33  | ng    | 99       |
| 18) Pentachlorophenol       | 16.83 | 266  | 26572    | 10.77 | ng    | 93       |
| 19) Phenanthrene            | 17.22 | 178  | 378502   | 3.01  | ng    | 99       |
| 20) Anthracene              | 17.31 | 178  | 354058   | 3.19  | ng    | 100      |
| 21) Fluoranthene            | 19.22 | 202  | 447899   | 3.33  | ng    | 100      |
| 23) Pyrene                  | 19.59 | 202  | 483585   | 2.39  | ng    | 99       |
| 25) Benzo(a)anthracene      | 21.31 | 228  | 529459m  | 2.92  | ng    |          |
| 26) Chrysene                | 21.38 | 228  | 454498m  | 2.37  | ng    |          |
| 27) Indeno(1,2,3-cd)pyrene  | 26.39 | 276  | 550173   | 3.58  | ng    | 99       |
| 29) Benzo(b)fluoranthene    | 23.04 | 252  | 502824   | 2.88  | ng    | 97       |
| 30) Benzo(k)fluoranthene    | 23.09 | 252  | 506972   | 2.93  | ng    | 93       |
| 31) Benzo(a)pyrene          | 23.69 | 252  | 466473   | 3.17  | ng    | # 95     |
| 32) Dibenzo(a,h)anthracene  | 26.42 | 278  | 462325   | 3.73  | ng    | 97       |
| 33) Benzo(g,h,i)perylene    | 27.18 | 276  | 467003   | 3.33  | ng    | 98       |

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

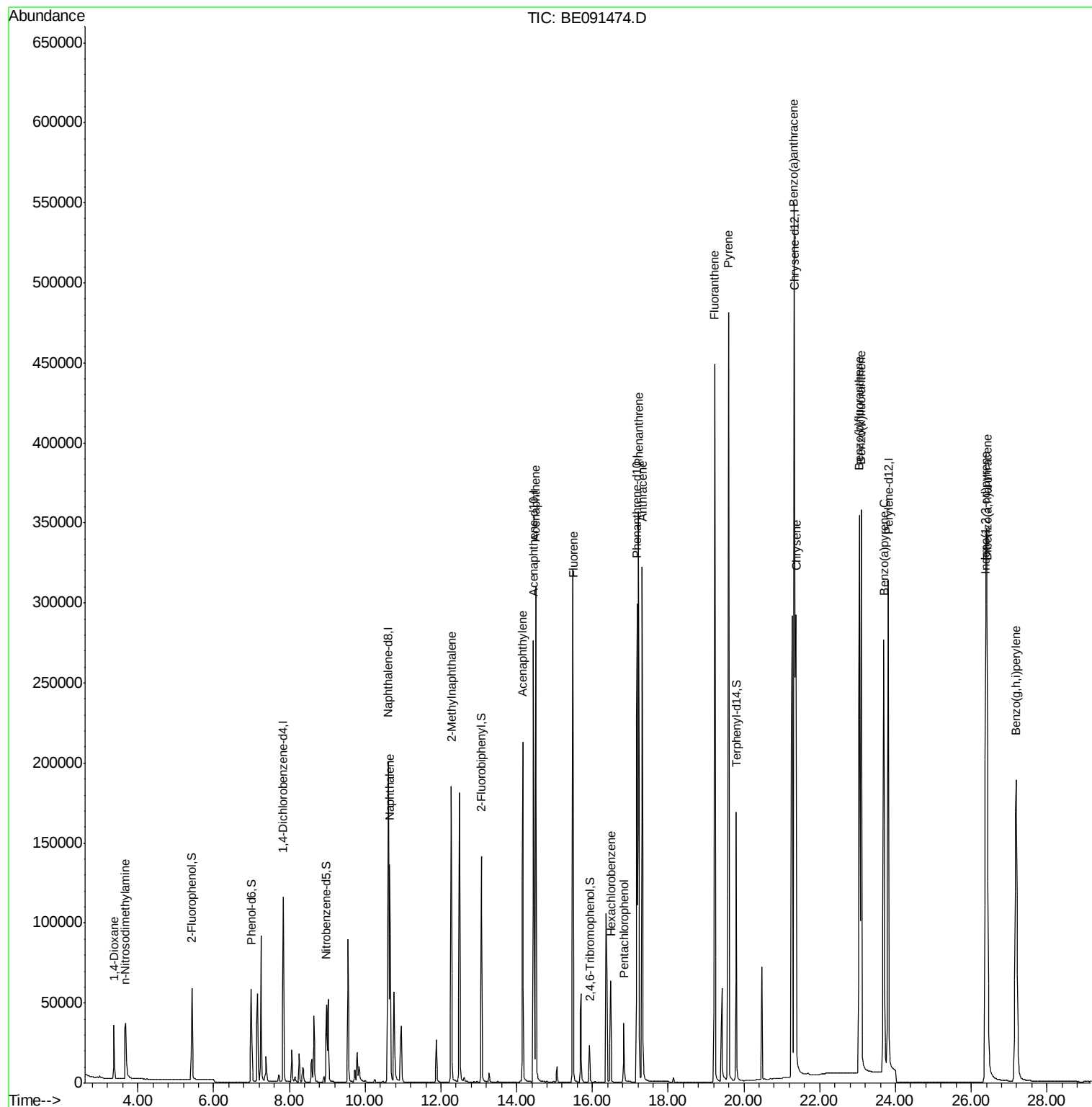
Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE031816\  
Data File : BE091474.D  
Acq On : 17 Mar 2016 19:44  
Operator : UM/SJ  
Sample : SSTDICC3.2  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC3.2

Manual Integrations  
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Quant Time: Mar 18 03:53:44 2016  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE031816.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 18 02:38:58 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.84 min Scan# 302

Delta R.T. 0.00 min

Lab File: BE091474.D

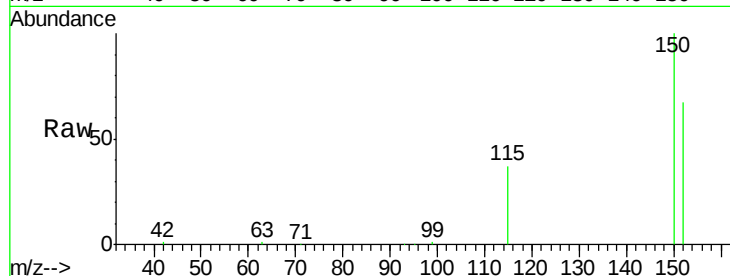
Acq: 17 Mar 2016 19:44

Instrument :

BNA\_E

ClientSampleId :

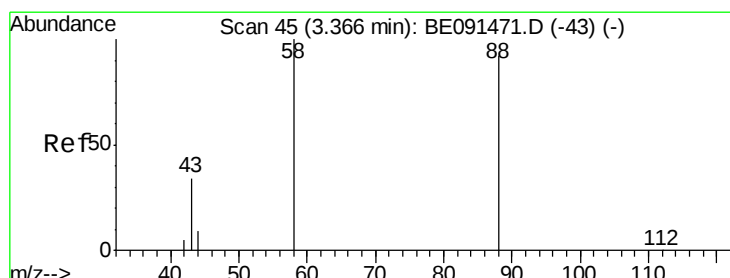
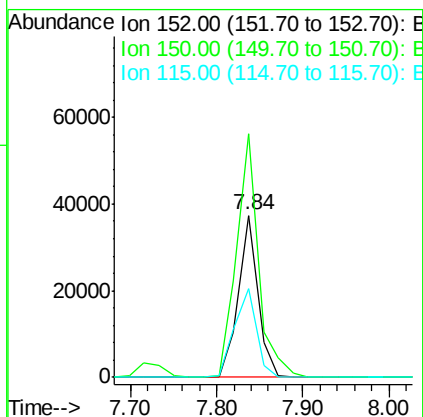
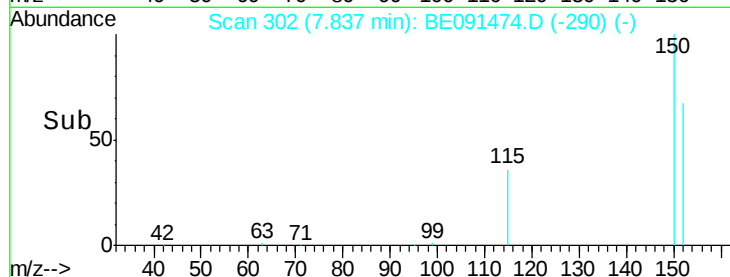
SSTDICC3.2



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 58739 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 150.2 | 122.2 | 183.2 |
| 115       | 54.9  | 45.9  | 68.9  |

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#2

1,4-Dioxane

Concen: 3.35 ng

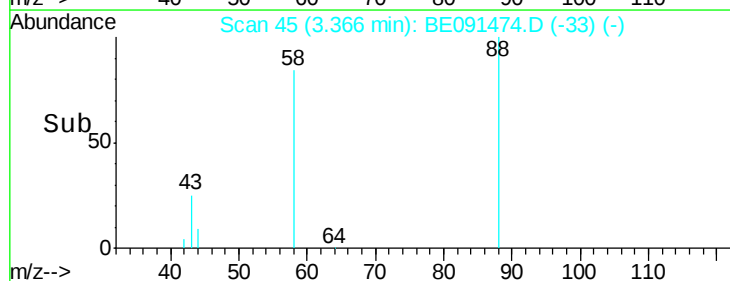
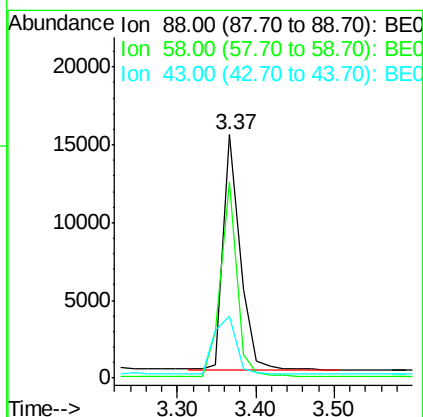
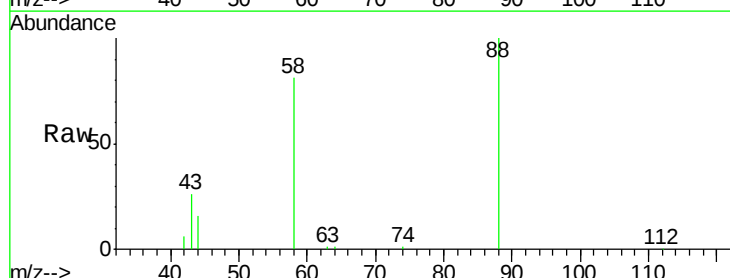
RT: 3.37 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE091474.D

Acq: 17 Mar 2016 19:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 22347 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 58        | 80.7  | 61.0  | 91.6  |
| 43        | 32.9  | 25.4  | 38.2  |





#3

n-Nitrosodimethylamine

Concen: 7.51 ng

RT: 3.66 min Scan# 62

Delta R.T. -0.02 min

Lab File: BE091474.D

Acq: 17 Mar 2016 19:44

Instrument :

BNA\_E

ClientSampleId :

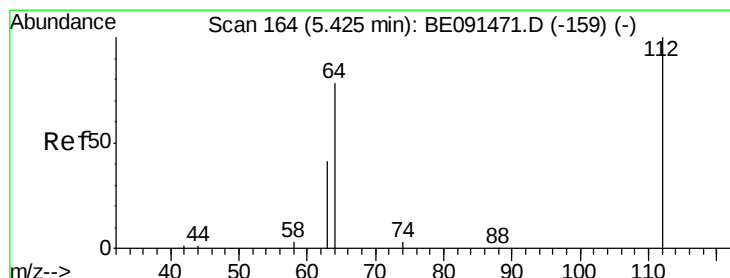
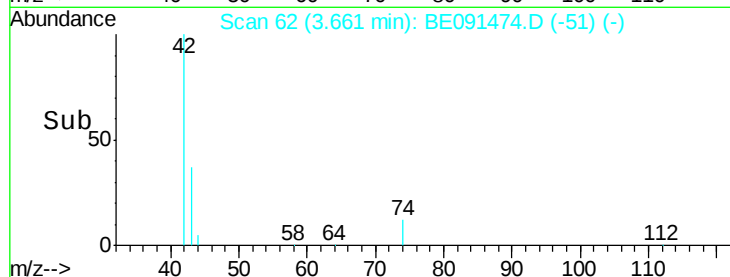
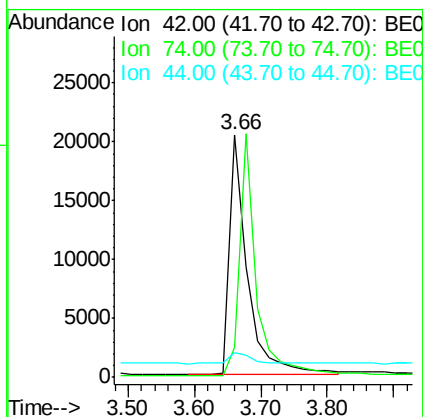
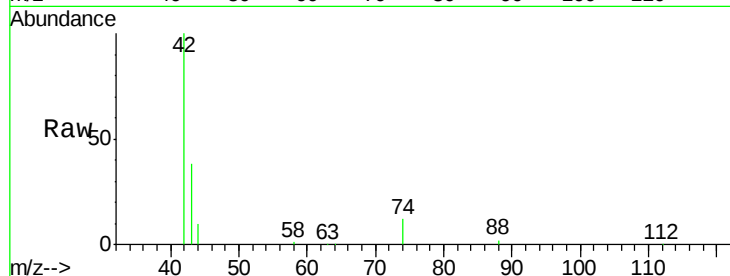
SSTDICC3.2

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 37828 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 95.0  | 84.3  | 126.5 |
| 44       | 6.4   | 6.7   | 10.1# |



#4

2-Fluorophenol

Concen: 4.25 ng

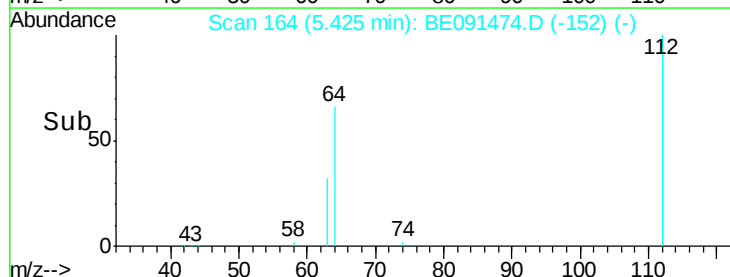
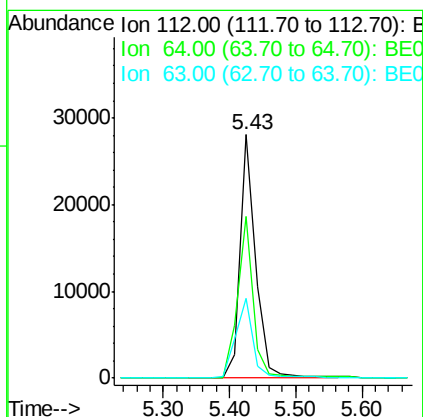
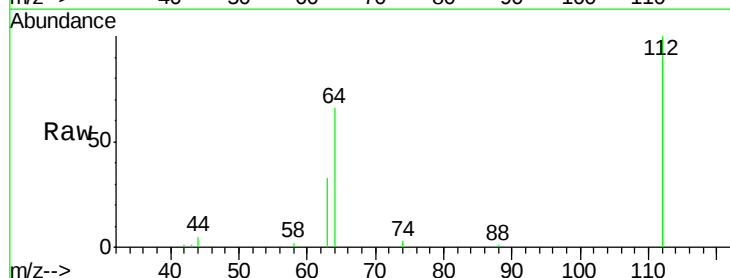
RT: 5.43 min Scan# 164

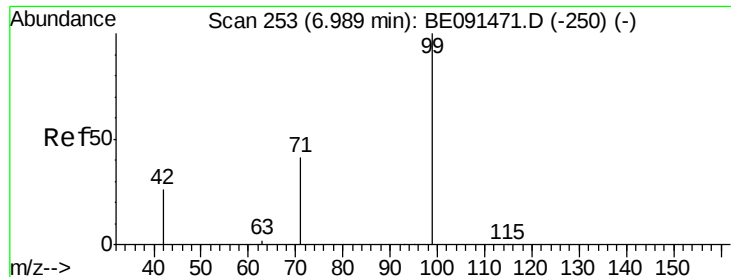
Delta R.T. 0.00 min

Lab File: BE091474.D

Acq: 17 Mar 2016 19:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 45119 |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 66.9  | 53.3  | 79.9  |
| 63       | 35.6  | 29.8  | 44.8  |





#5

Phenol-d6

Concen: 4.87 ng

RT: 6.99 min Scan# 253

Delta R.T. 0.00 min

Lab File: BE091474.D

Acq: 17 Mar 2016 19:44

Instrument :

BNA\_E

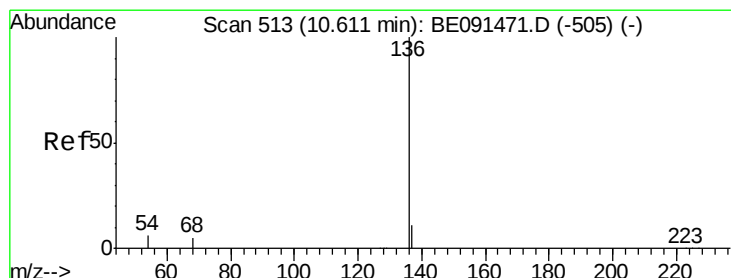
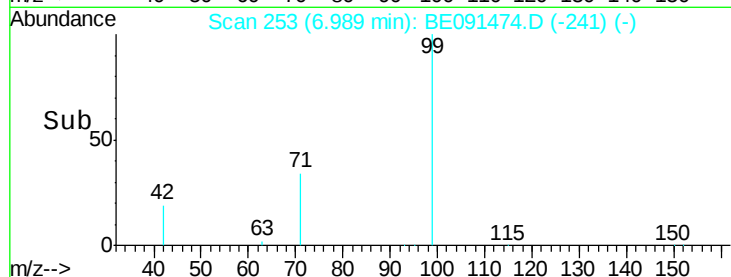
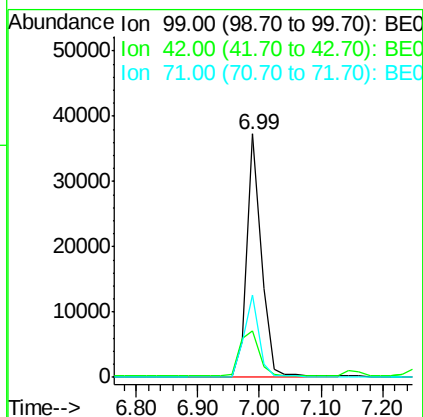
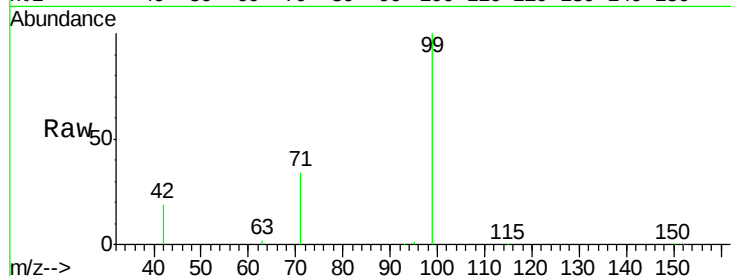
ClientSampleId :

SSTDICC3.2

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 99      | 100   |       |       |
| 42      | 25.6  | 20.6  | 30.8  |
| 71      | 35.2  | 29.0  | 43.4  |

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#6

Naphthalene-d8

Concen: 5.00 ng

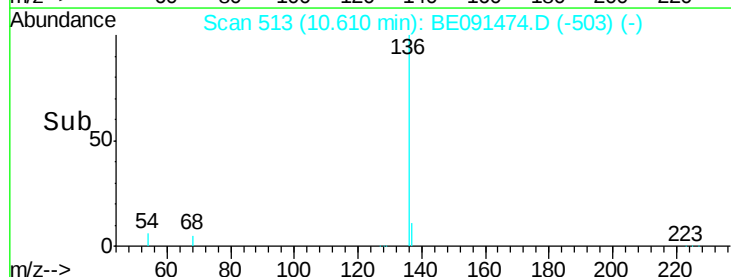
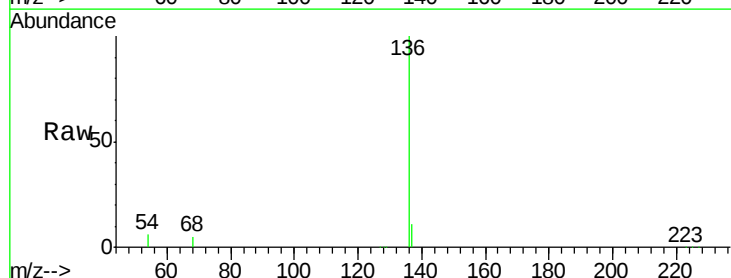
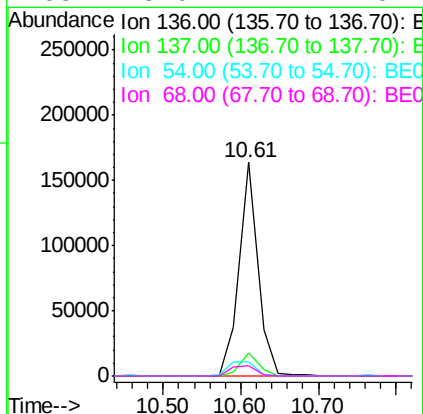
RT: 10.61 min Scan# 513

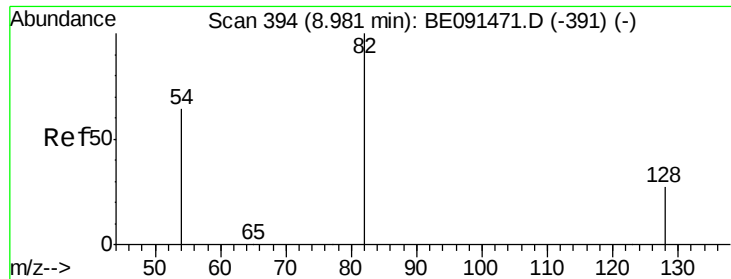
Delta R.T. -0.00 min

Lab File: BE091474.D

Acq: 17 Mar 2016 19:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.0  | 8.8   | 13.2  |
| 54      | 6.3   | 5.2   | 7.8   |
| 68      | 5.0   | 4.1   | 6.1   |





#7

Nitrobenzene-d5

Concen: 3.64 ng

RT: 8.98 min Scan# 394

Delta R.T. 0.00 min

Lab File: BE091474.D

Acq: 17 Mar 2016 19:44

Instrument :

BNA\_E

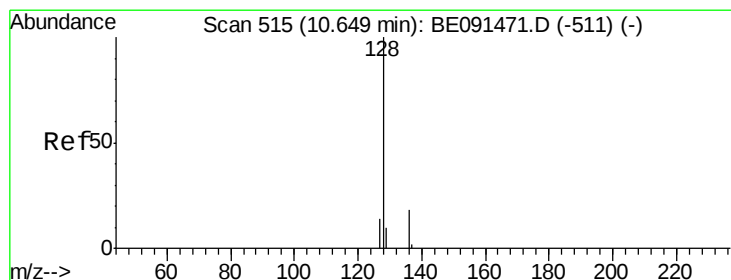
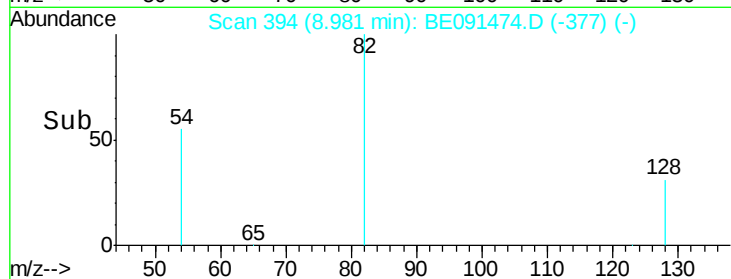
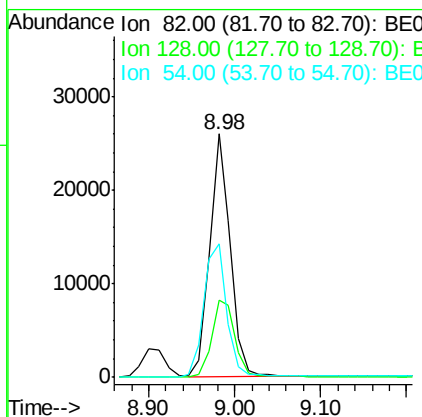
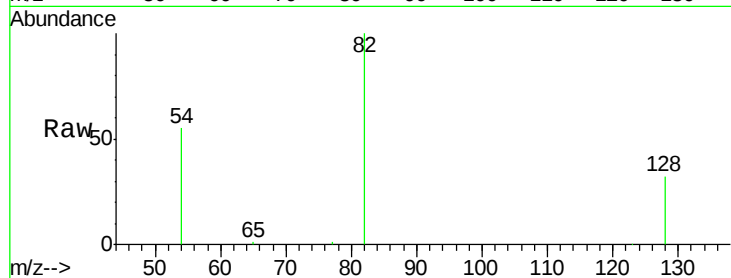
ClientSampleId :

SSTDICC3.2

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 43314 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 31.6  | 23.5  | 35.3  |
| 54        | 54.9  | 52.4  | 78.6  |

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#8

Naphthalene

Concen: 3.03 ng

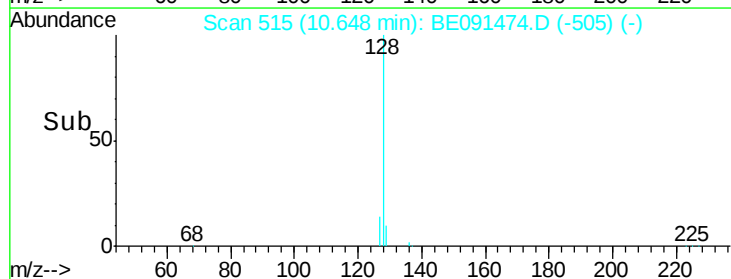
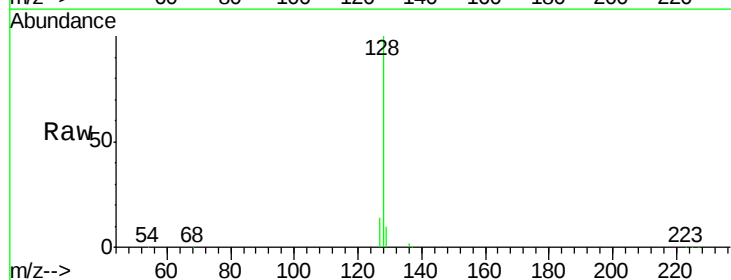
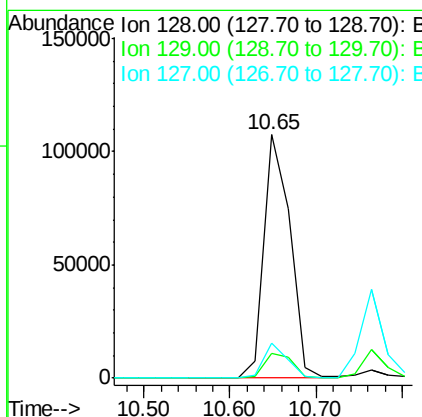
RT: 10.65 min Scan# 515

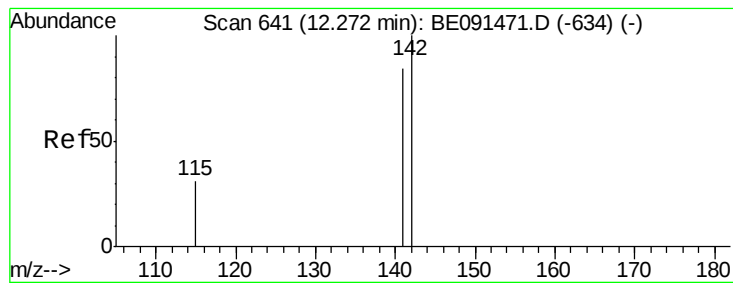
Delta R.T. -0.00 min

Lab File: BE091474.D

Acq: 17 Mar 2016 19:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 225669 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 10.1  | 8.2   | 12.2   |
| 127       | 14.3  | 11.8  | 17.8   |





#9

2-Methylnaphthalene

Concen: 3.25 ng

RT: 12.27 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE091474.D

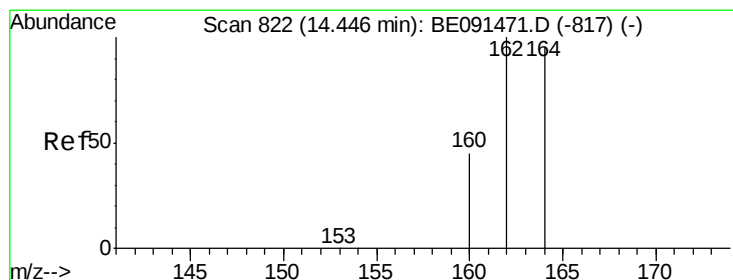
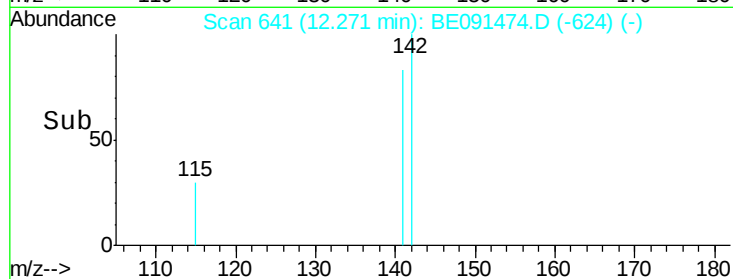
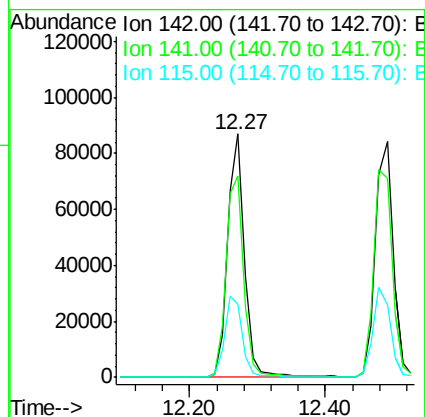
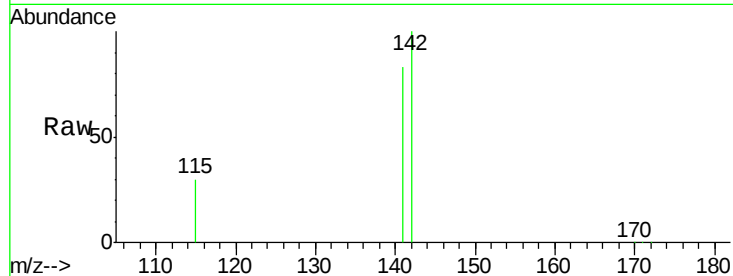
Acq: 17 Mar 2016 19:44

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC3.2

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 82.8  | 66.9  | 100.3 |
| 115     | 30.1  | 25.1  | 37.7  |

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#10

Acenaphthene-d10

Concen: 5.00 ng

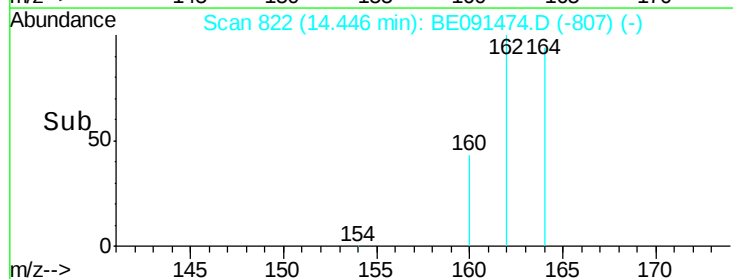
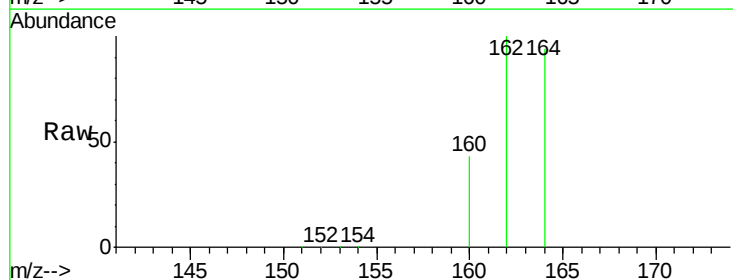
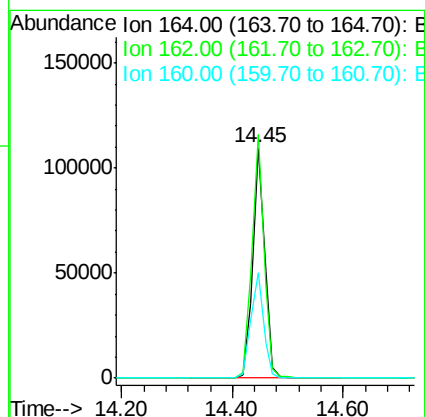
RT: 14.45 min Scan# 822

Delta R.T. 0.00 min

Lab File: BE091474.D

Acq: 17 Mar 2016 19:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.9 | 84.4  | 126.6 |
| 160     | 45.9  | 37.7  | 56.5  |





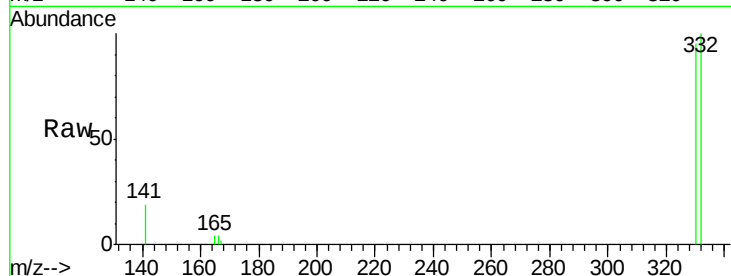
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 2,4,6-Tribromophenol  
 Concen: 3.86 ng m  
 RT: 15.93 min Scan# 942  
 Delta R.T. 0.00 min  
 Lab File: BE091474.D  
 Acq: 17 Mar 2016 19:44

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC3.2

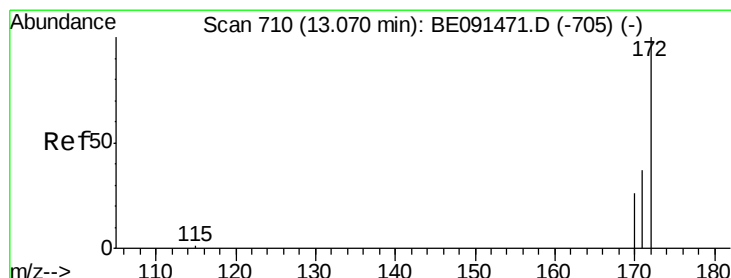
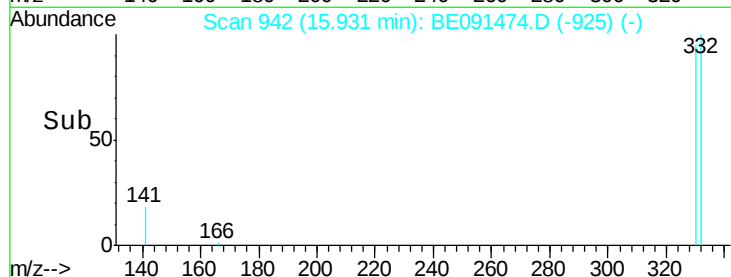
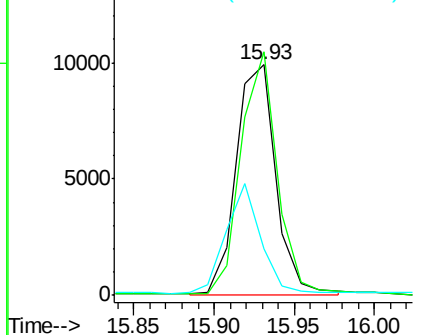
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 115.3 | 79.2  | 118.8 |
| 141     | 48.3  | 28.1  | 42.1  |

Manual Integrations  
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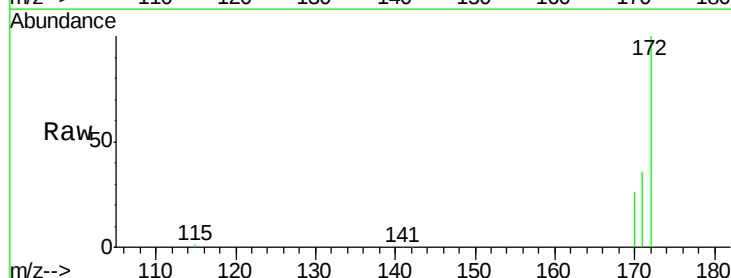


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

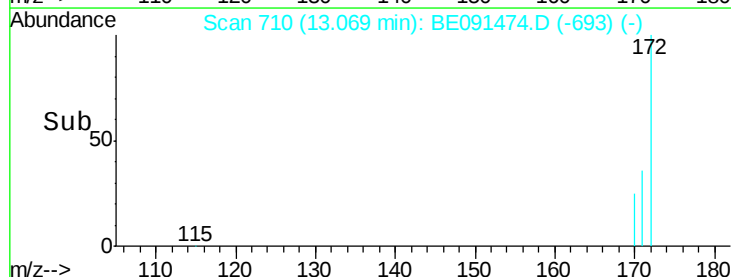
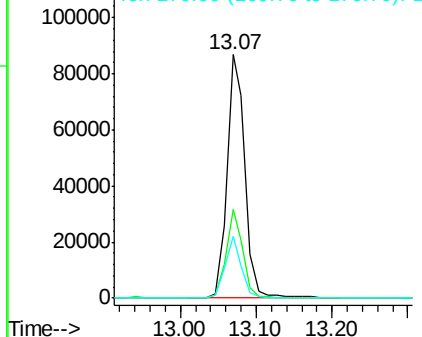


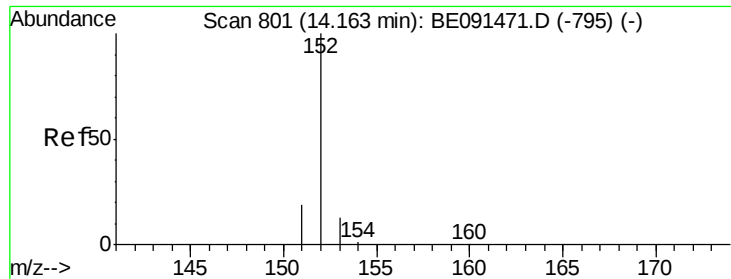
#12  
 2-Fluorobiphenyl  
 Concen: 3.15 ng  
 RT: 13.07 min Scan# 710  
 Delta R.T. -0.00 min  
 Lab File: BE091474.D  
 Acq: 17 Mar 2016 19:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.4  | 29.8  | 44.8  |
| 170     | 25.6  | 21.4  | 32.2  |



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





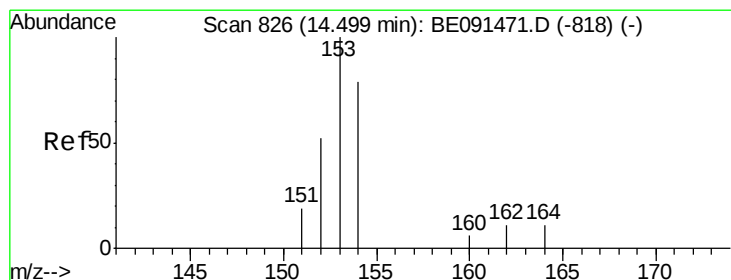
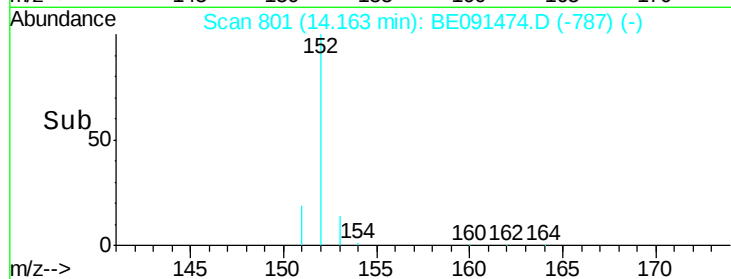
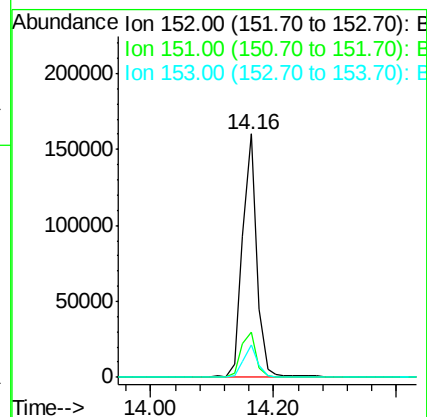
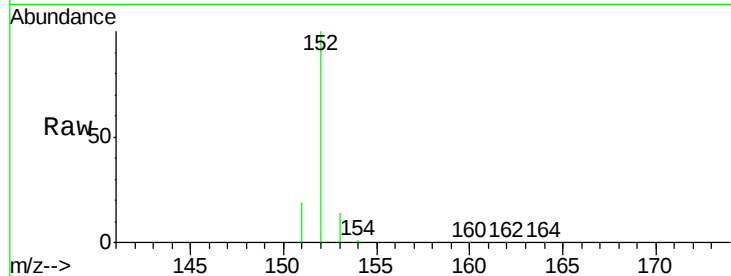
#13  
Acenaphthylene  
Concen: 3.19 ng  
RT: 14.16 min Scan# 801  
Delta R.T. 0.00 min  
Lab File: BE091474.D  
Acq: 17 Mar 2016 19:44

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC3.2

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 260811 |       |       |
| 151     | 19.6  | 16.3   | 24.5  |       |
| 153     | 13.1  | 11.1   | 16.7  |       |

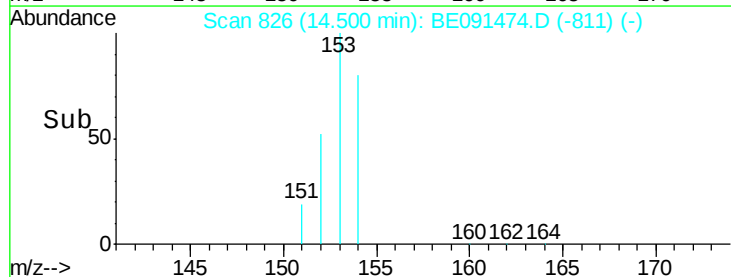
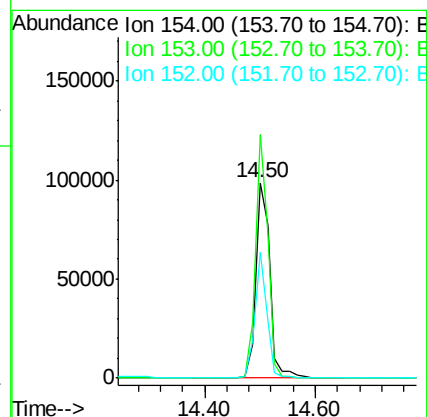
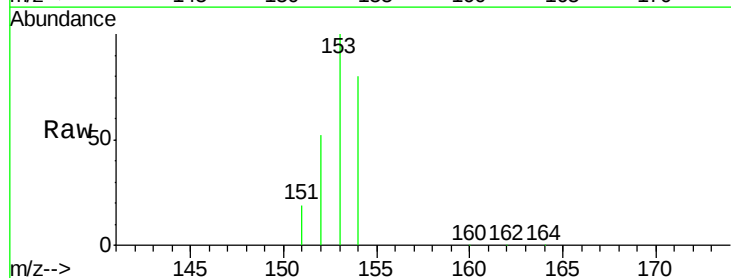
Manual Integrations  
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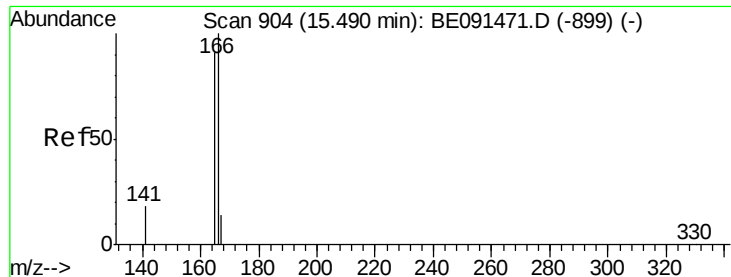
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#14  
Acenaphthene  
Concen: 2.92 ng  
RT: 14.50 min Scan# 826  
Delta R.T. 0.00 min  
Lab File: BE091474.D  
Acq: 17 Mar 2016 19:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 172077 |       |       |
| 153     | 109.9 | 87.3   | 130.9 |       |
| 152     | 54.0  | 42.9   | 64.3  |       |





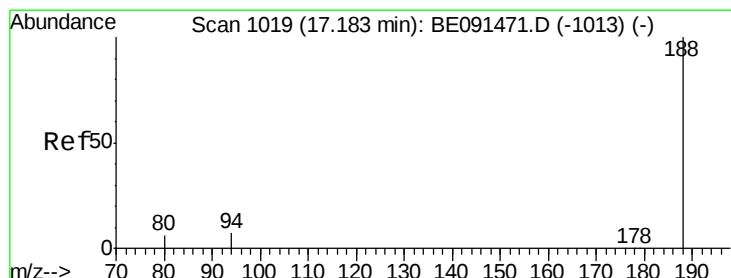
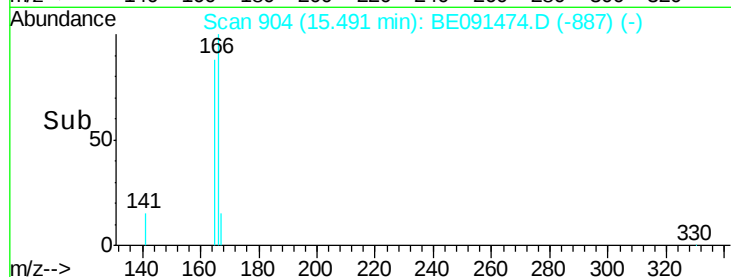
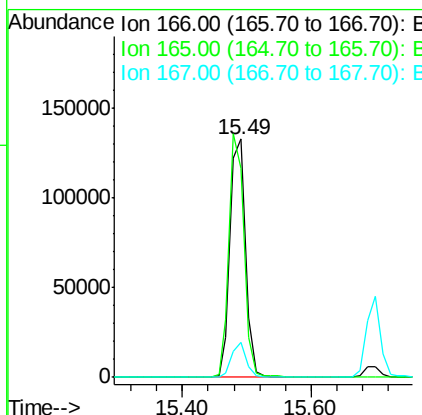
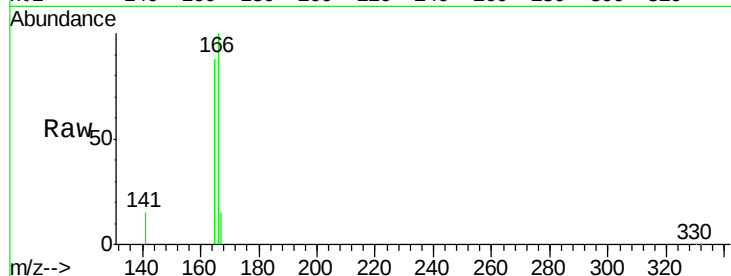
#15  
**Fluorene**  
 Concen: 3.22 ng  
 RT: 15.49 min Scan# 904  
 Delta R.T. 0.00 min  
 Lab File: BE091474.D  
 Acq: 17 Mar 2016 19:44

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC3.2

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 219267 |       |       |
| 165     | 99.3  | 79.2   | 118.8 |       |
| 167     | 13.6  | 10.8   | 16.2  |       |

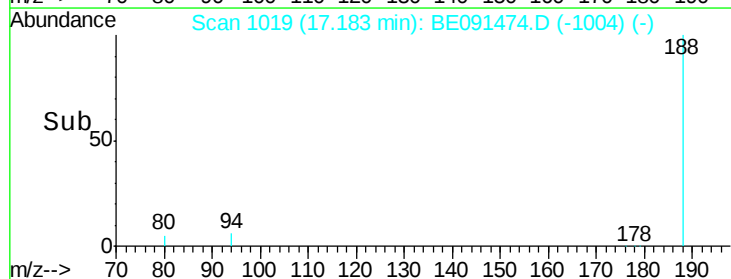
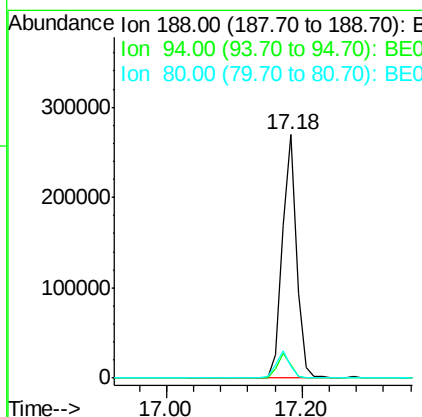
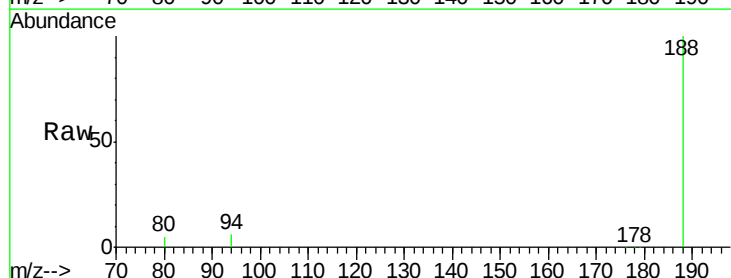
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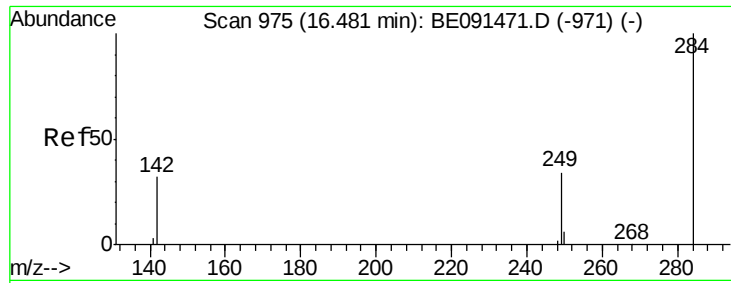
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#16  
**Phenanthrene-d10**  
 Concen: 5.00 ng  
 RT: 17.18 min Scan# 1019  
 Delta R.T. 0.00 min  
 Lab File: BE091474.D  
 Acq: 17 Mar 2016 19:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 399611 |       |       |
| 94      | 5.7   | 5.4    | 8.2   |       |
| 80      | 5.1   | 5.0    | 7.4   |       |





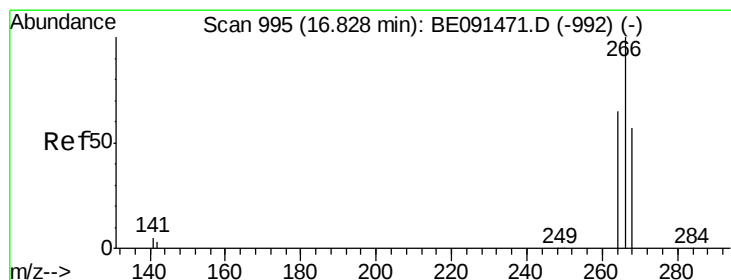
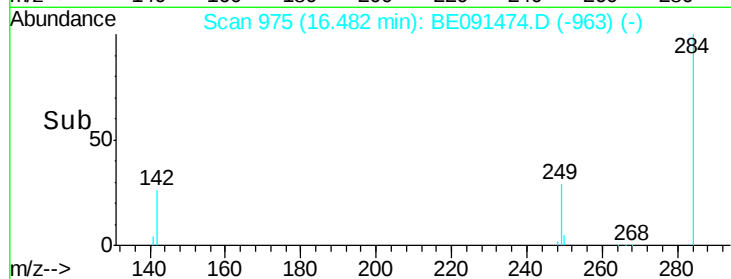
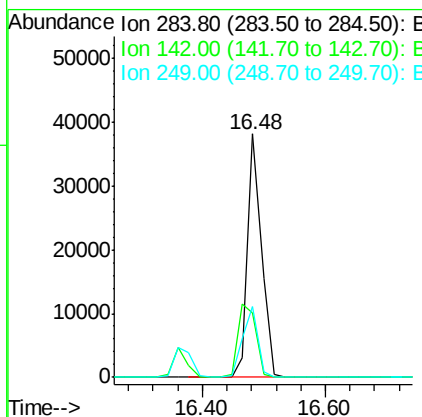
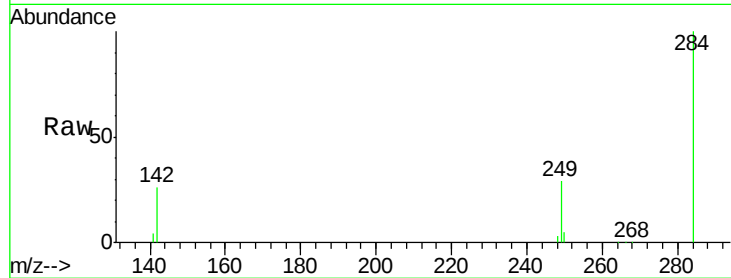
#17  
Hexachlorobenzene  
Concen: 2.33 ng  
RT: 16.48 min Scan# 975  
Delta R.T. 0.00 min  
Lab File: BE091474.D  
Acq: 17 Mar 2016 19:44

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC3.2

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 284     | 100   | 59294 |       |       |
| 142     | 38.8  |       | 31.0  | 46.4  |
| 249     | 31.2  |       | 25.8  | 38.8  |

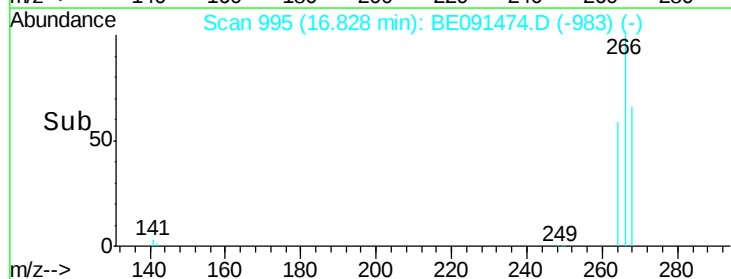
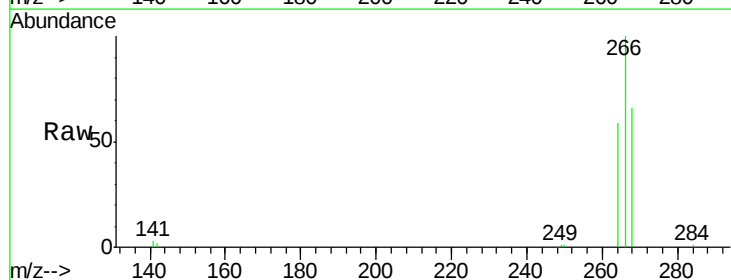
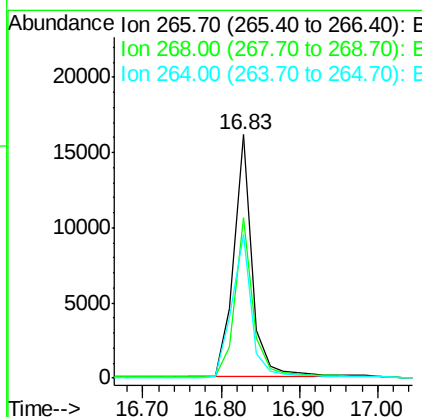
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#18  
Pentachlorophenol  
Concen: 10.77 ng  
RT: 16.83 min Scan# 995  
Delta R.T. 0.00 min  
Lab File: BE091474.D  
Acq: 17 Mar 2016 19:44

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 26572 |       |       |
| 268     | 65.7  |       | 48.2  | 72.2  |
| 264     | 59.0  |       | 52.1  | 78.1  |





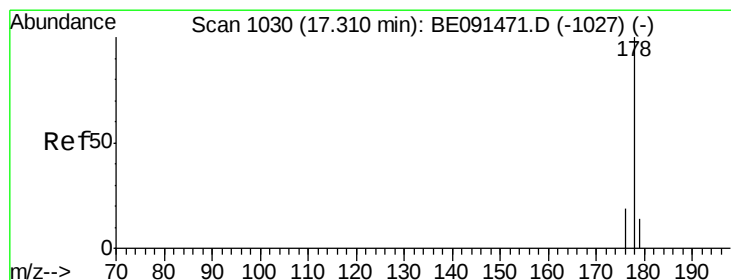
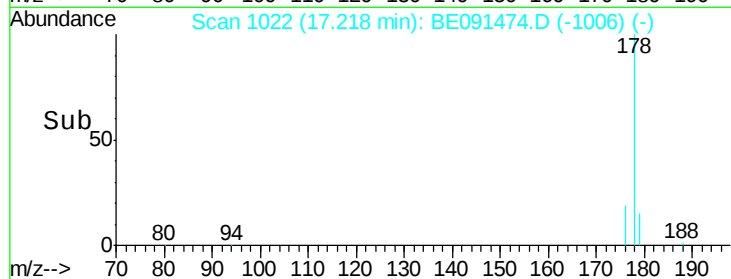
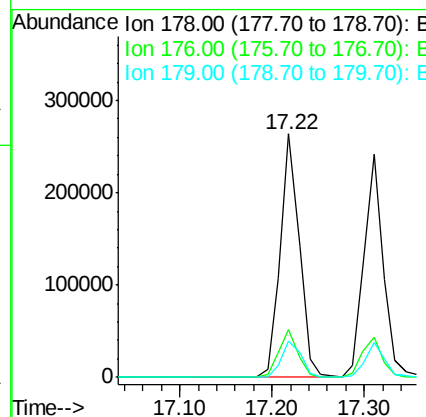
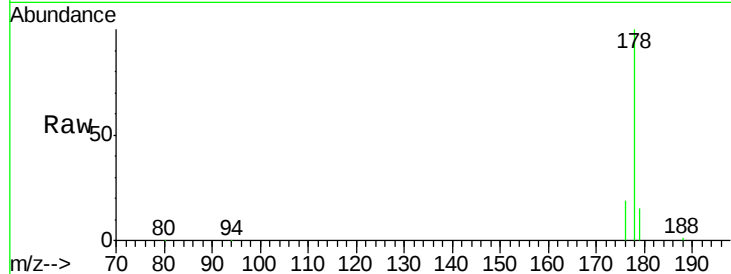
#19  
Phenanthrene  
Concen: 3.01 ng  
RT: 17.22 min Scan# 1022  
Delta R.T. 0.00 min  
Lab File: BE091474.D  
Acq: 17 Mar 2016 19:44

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC3.2

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 15.5  | 23.3  |
| 179     | 15.5  | 13.1  | 19.7  |

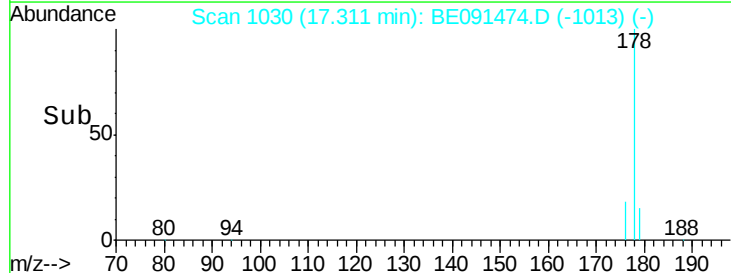
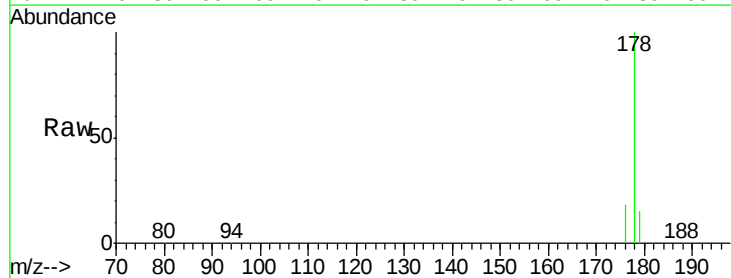
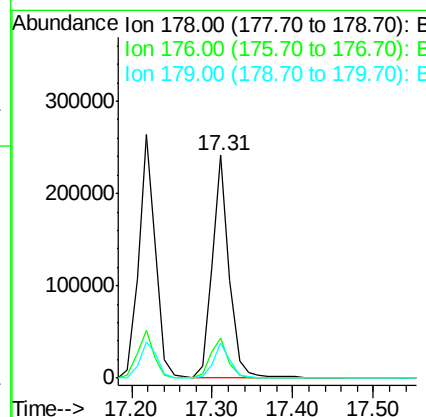
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#20  
Anthracene  
Concen: 3.19 ng  
RT: 17.31 min Scan# 1030  
Delta R.T. 0.00 min  
Lab File: BE091474.D  
Acq: 17 Mar 2016 19:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.8  | 14.9  | 22.3  |
| 179     | 15.4  | 12.2  | 18.4  |





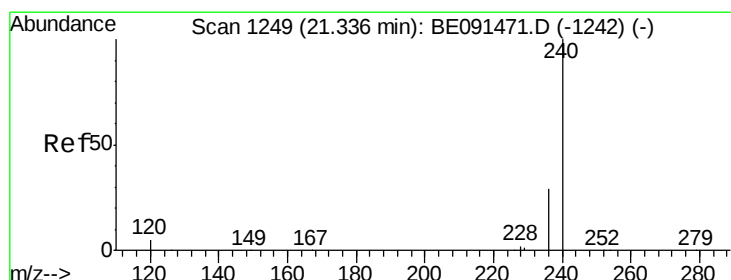
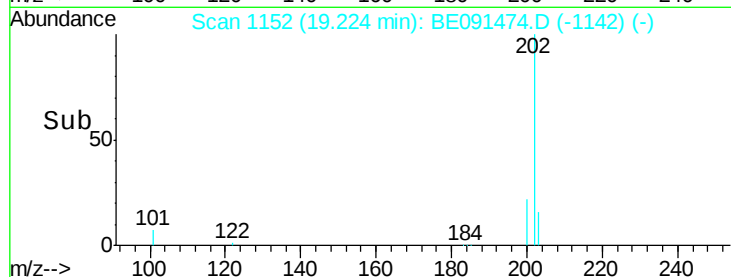
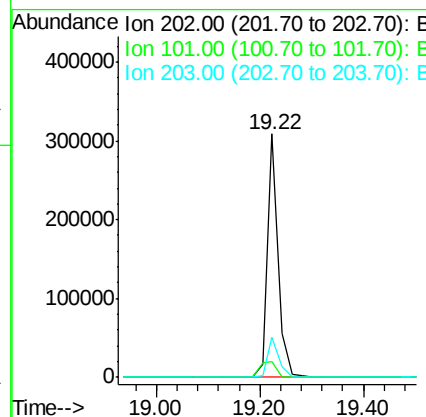
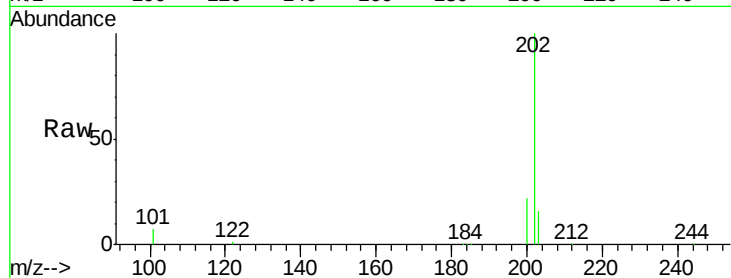
#21  
 Fluoranthene  
 Concen: 3.33 ng  
 RT: 19.22 min Scan# 1152  
 Delta R.T. -0.00 min  
 Lab File: BE091474.D  
 Acq: 17 Mar 2016 19:44

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC3.2

| Tgt | Ion  | Ratio | Resp   | Lower | Upper |
|-----|------|-------|--------|-------|-------|
| 202 | 100  |       | 447899 |       |       |
| 101 | 10.5 | 8.3   | 12.5   |       |       |
| 203 | 17.2 | 13.9  | 20.9   |       |       |

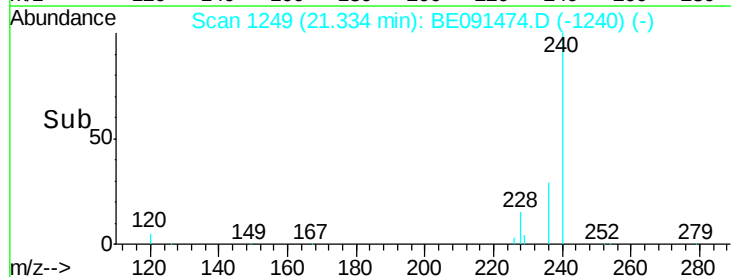
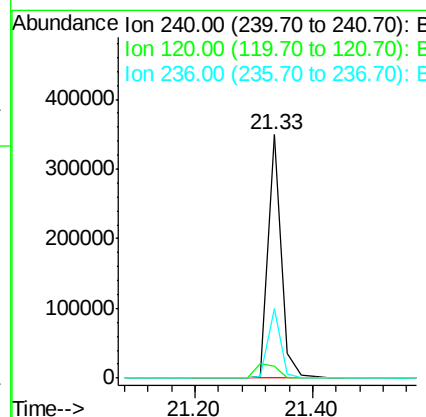
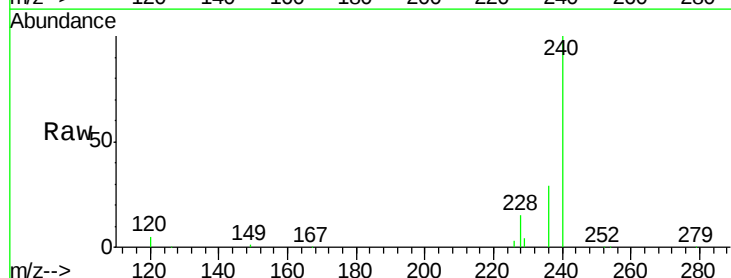
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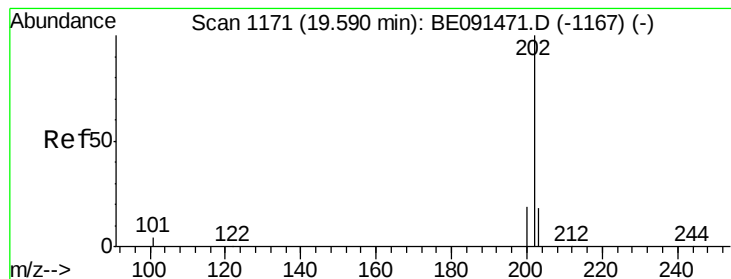
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#22  
 Chrysene-d12  
 Concen: 5.00 ng  
 RT: 21.33 min Scan# 1249  
 Delta R.T. -0.00 min  
 Lab File: BE091474.D  
 Acq: 17 Mar 2016 19:44

| Tgt | Ion  | Ratio | Resp   | Lower | Upper |
|-----|------|-------|--------|-------|-------|
| 240 | 100  |       | 547153 |       |       |
| 120 | 5.1  | 4.0   | 6.0    |       |       |
| 236 | 28.6 | 23.0  | 34.4   |       |       |





#23

Pyrene

Concen: 2.39 ng

RT: 19.59 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BE091474.D

Acq: 17 Mar 2016 19:44

Instrument :

BNA\_E

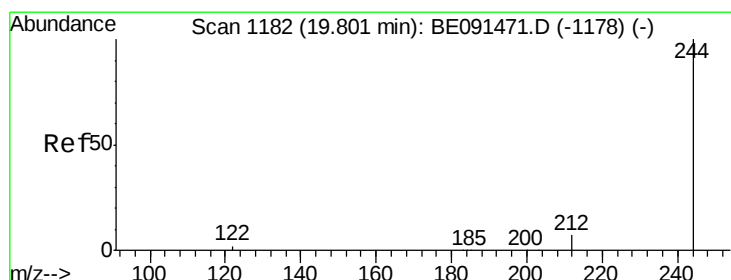
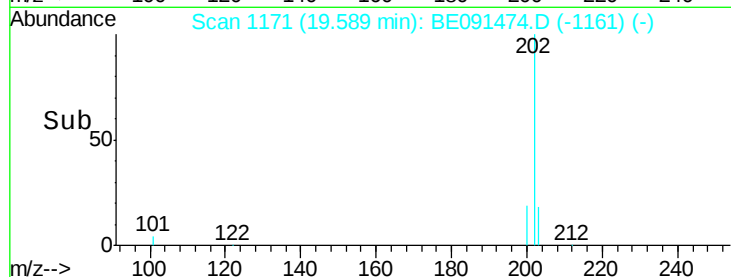
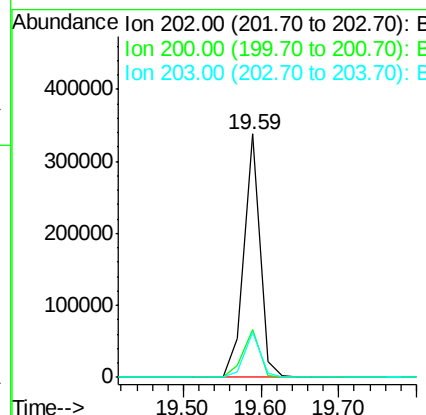
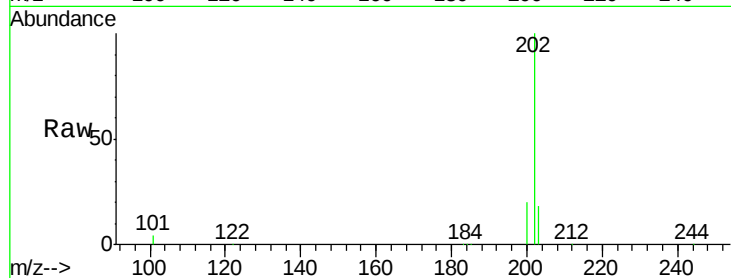
ClientSampleId :

SSTDICC3.2

|     |       |       |       |        |
|-----|-------|-------|-------|--------|
| Tgt | Ion   | 202   | Resp: | 483585 |
| Ion | Ratio | Lower | Upper |        |
| 202 | 100   |       |       |        |
| 200 | 20.8  | 16.4  | 24.6  |        |
| 203 | 18.0  | 14.6  | 21.8  |        |

Manual Integrations  
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#24

Terphenyl-d14

Concen: 3.33 ng

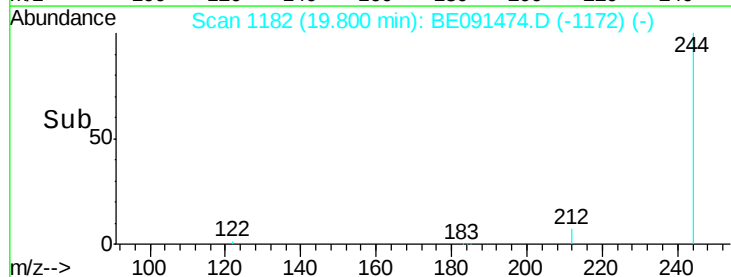
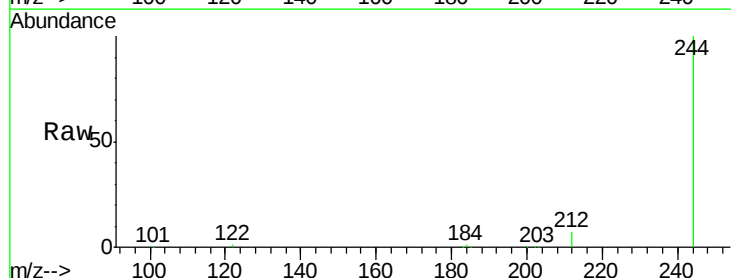
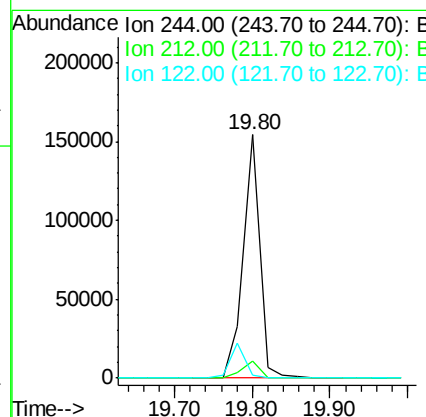
RT: 19.80 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BE091474.D

Acq: 17 Mar 2016 19:44

|     |       |       |       |        |
|-----|-------|-------|-------|--------|
| Tgt | Ion   | 244   | Resp: | 227627 |
| Ion | Ratio | Lower | Upper |        |
| 244 | 100   |       |       |        |
| 212 | 6.9   | 5.8   | 8.8   |        |
| 122 | 1.2   | 1.8   | 2.8   |        |





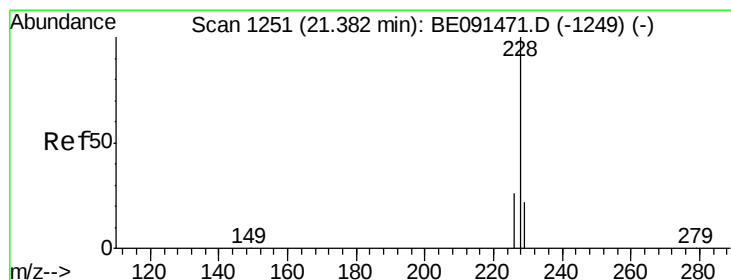
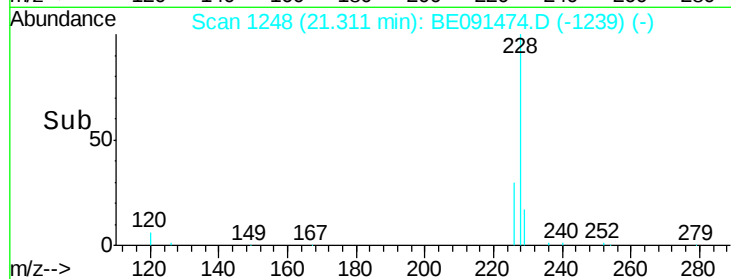
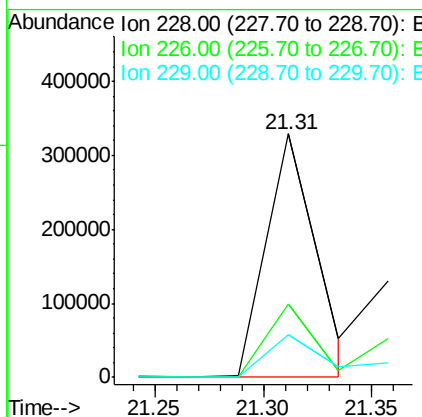
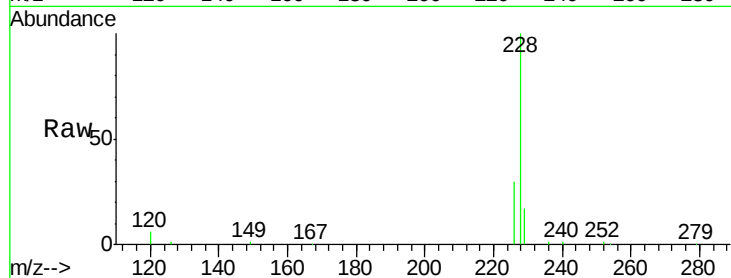
#25  
Benzo(a)anthracene  
Concen: 2.92 ng m  
RT: 21.31 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: BE091474.D  
Acq: 17 Mar 2016 19:44

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC3.2

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.9  | 24.0  | 36.0  |
| 229     | 17.3  | 13.8  | 20.6  |

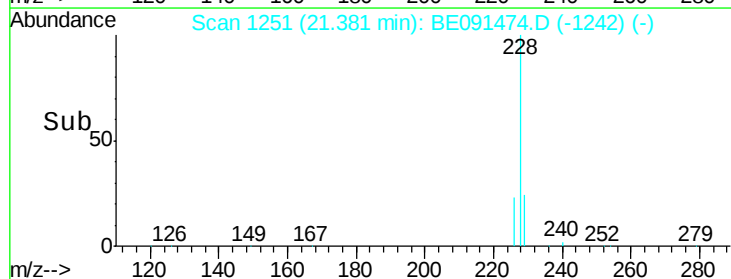
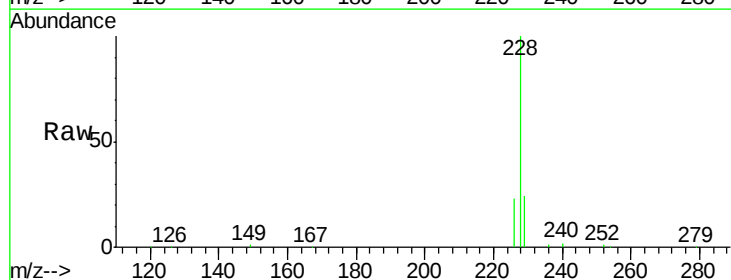
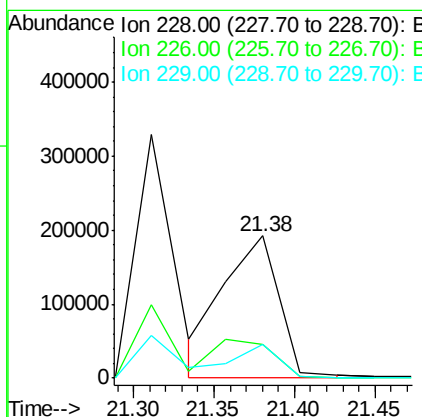
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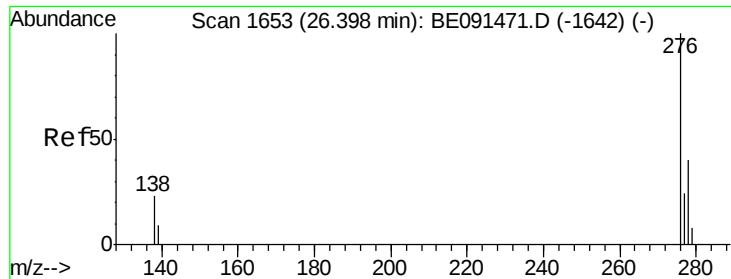
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#26  
Chrysene  
Concen: 2.37 ng m  
RT: 21.38 min Scan# 1251  
Delta R.T. -0.00 min  
Lab File: BE091474.D  
Acq: 17 Mar 2016 19:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 23.3  | 18.9  | 28.3  |
| 229     | 23.7  | 19.1  | 28.7  |





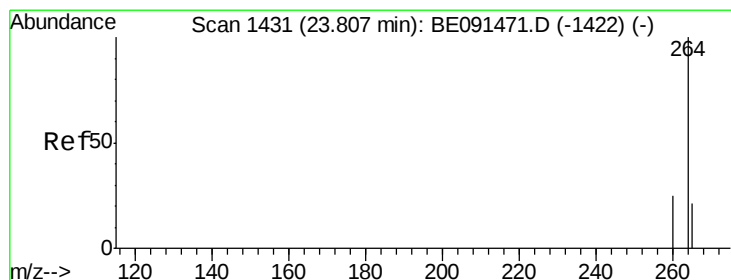
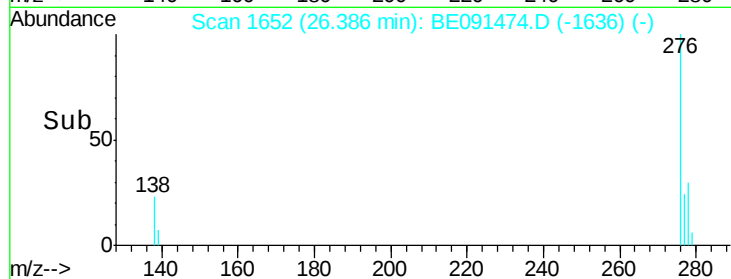
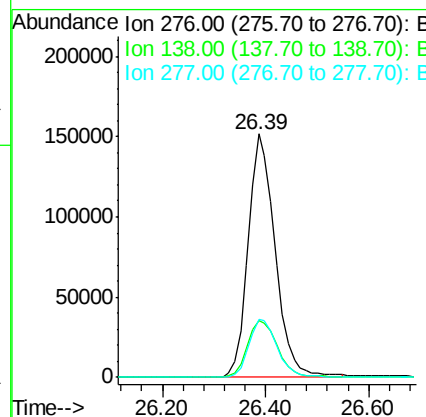
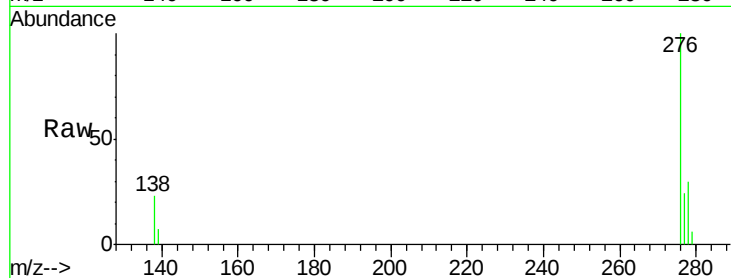
#27  
 Indeno(1,2,3-cd)pyrene  
 Concen: 3.58 ng  
 RT: 26.39 min Scan# 1652  
 Delta R.T. -0.01 min  
 Lab File: BE091474.D  
 Acq: 17 Mar 2016 19:44

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC3.2

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 276     | 100   |            |            |
| 138     | 25.7  | 20.2       | 30.4       |
| 277     | 24.9  | 19.8       | 29.8       |

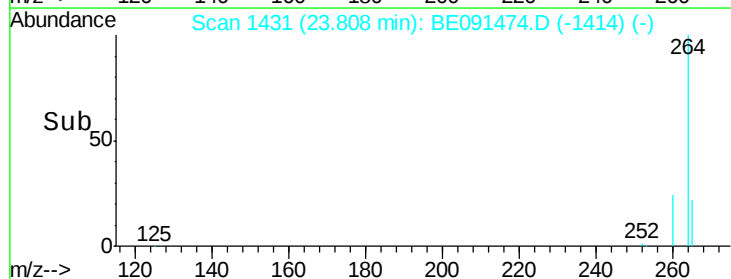
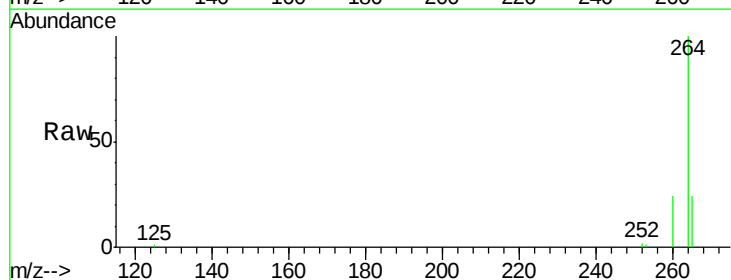
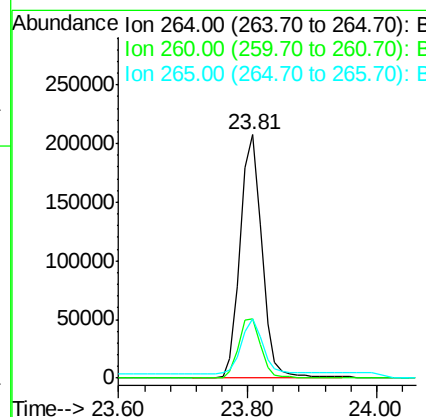
Manual Integrations  
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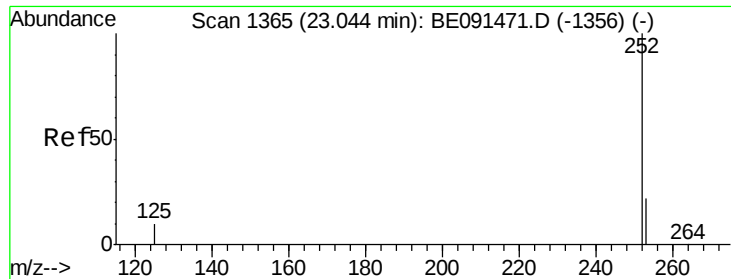
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#28  
 Perylene-d12  
 Concen: 5.00 ng  
 RT: 23.81 min Scan# 1431  
 Delta R.T. 0.00 min  
 Lab File: BE091474.D  
 Acq: 17 Mar 2016 19:44

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 264     | 100   |            |            |
| 260     | 24.3  | 20.1       | 30.1       |
| 265     | 24.3  | 18.3       | 27.5       |





#29

Benzo(b)fluoranthene

Concen: 2.88 ng

RT: 23.04 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BE091474.D

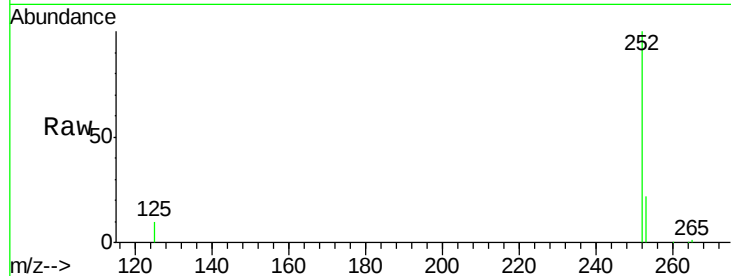
Acq: 17 Mar 2016 19:44

Instrument :

BNA\_E

ClientSampleId :

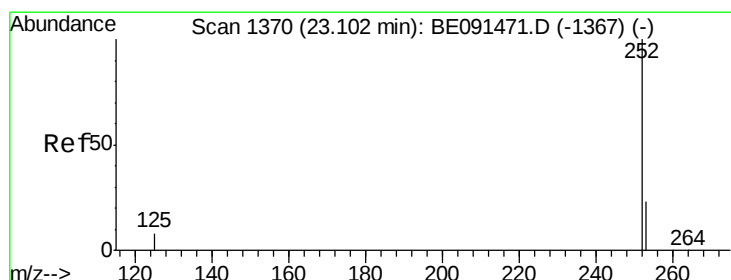
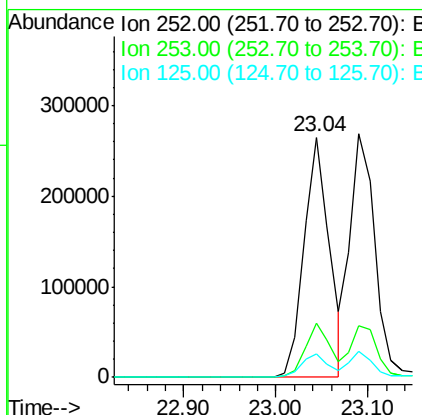
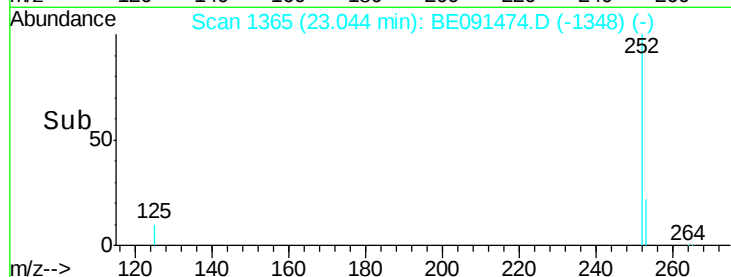
SSTDICC3.2



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 18.7  | 28.1  |
| 125     | 9.9   | 9.8   | 14.6  |

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#30

Benzo(k)fluoranthene

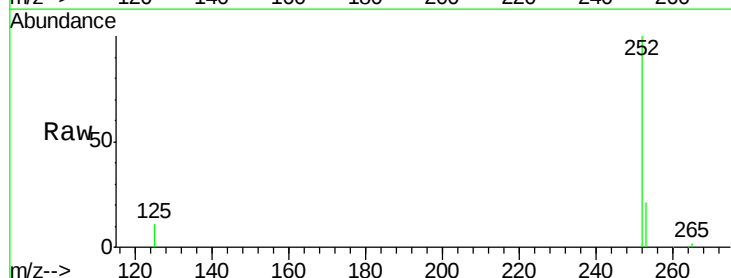
Concen: 2.93 ng

RT: 23.09 min Scan# 1369

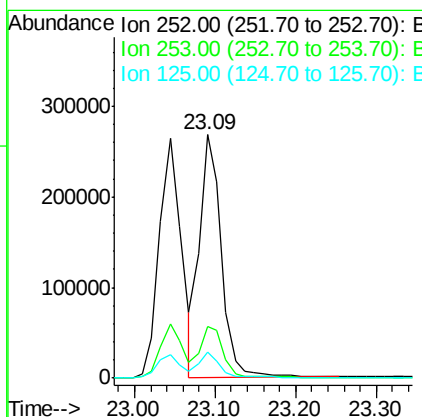
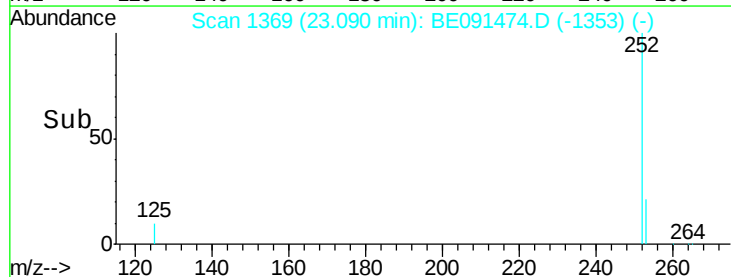
Delta R.T. -0.01 min

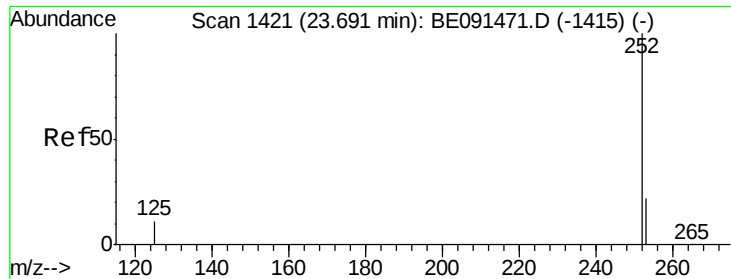
Lab File: BE091474.D

Acq: 17 Mar 2016 19:44



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.2  | 20.2  | 30.4  |
| 125     | 10.5  | 9.4   | 14.2  |





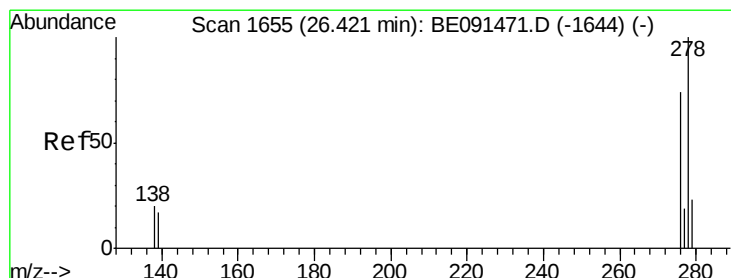
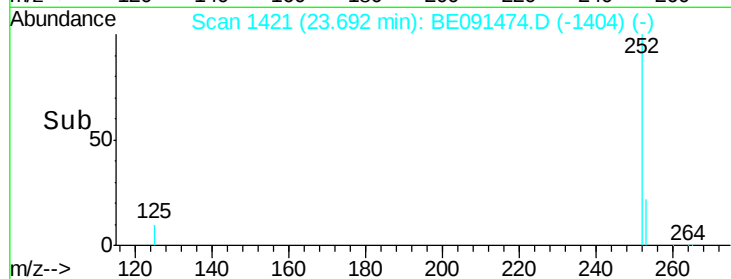
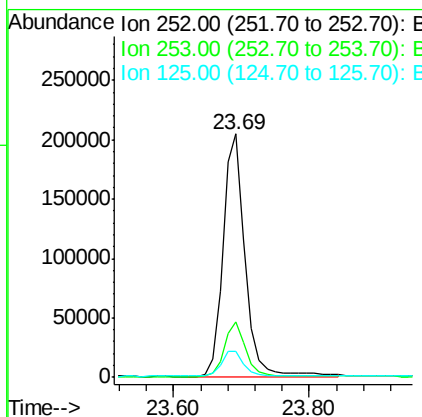
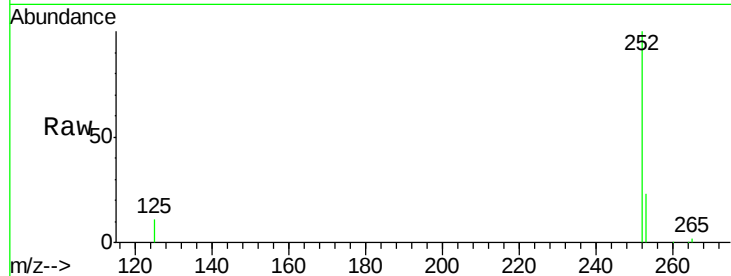
#31  
Benzo(a)pyrene  
Concen: 3.17 ng  
RT: 23.69 min Scan# 1421  
Delta R.T. 0.00 min  
Lab File: BE091474.D  
Acq: 17 Mar 2016 19:44

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC3.2

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 253     | 22.6  | 19.4       | 29.0       |
| 125     | 10.6  | 11.4       | 17.2#      |

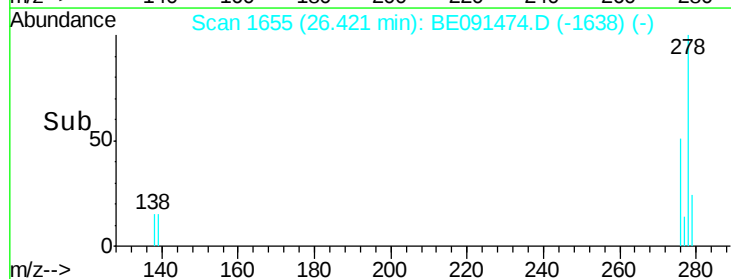
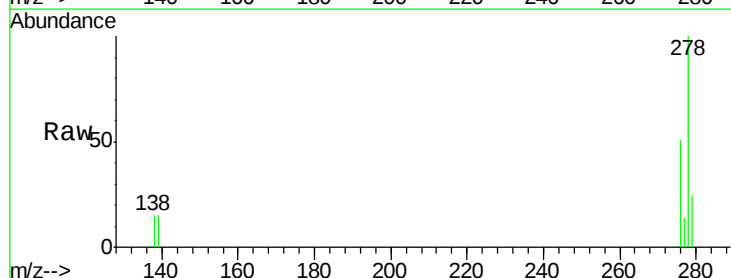
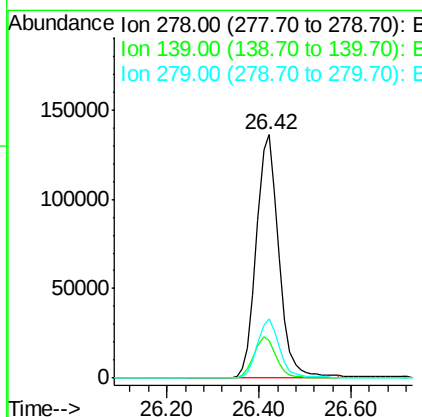
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#32  
Dibenzo(a,h)anthracene  
Concen: 3.73 ng  
RT: 26.42 min Scan# 1655  
Delta R.T. 0.00 min  
Lab File: BE091474.D  
Acq: 17 Mar 2016 19:44

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 278     | 100   |            |            |
| 139     | 15.3  | 14.2       | 21.4       |
| 279     | 24.4  | 19.6       | 29.4       |





#33  
 Benzo(g,h,i)perylene  
 Concen: 3.33 ng  
 RT: 27.18 min Scan# 1721  
 Delta R.T. 0.00 min  
 Lab File: BE091474.D  
 Acq: 17 Mar 2016 19:44

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC3.2

| Tgt | Ion  | Ratio | Resp   | Lower | Upper |
|-----|------|-------|--------|-------|-------|
| 276 | 100  |       | 467003 |       |       |
| 277 | 23.5 | 19.4  | 29.2   |       |       |
| 138 | 22.0 | 18.2  | 27.4   |       |       |

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