

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF072215\  
 Data File : BF080559.D  
 Acq On : 22 Jul 2015 16:15  
 Operator : TP/UM  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Manual Integrations  
 APPROVED

apatel  
 7/23/2015 11:50:19 AM

Quant Time: Jul 23 10:42:01 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF072215.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 23 04:11:19 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.96  | 152  | 34323    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.25  | 136  | 136185   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.01 | 164  | 54758    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.49 | 188  | 97075    | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.26 | 240  | 72176    | 20.00 | ng    | -0.06    |
| 86) Perylene-d12          | 15.91 | 264  | 53078    | 20.00 | ng    | -0.11    |

## System Monitoring Compounds

|                          |       |     |       |      |    |       |
|--------------------------|-------|-----|-------|------|----|-------|
| 5) 2-Fluorophenol        | 5.53  | 112 | 8996  | 4.15 | ng | 0.00  |
| 7) Phenol-d6             | 6.56  | 99  | 11020 | 4.42 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.52  | 82  | 8175  | 3.79 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 10.80 | 330 | 1114  | 2.37 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.32  | 172 | 19740 | 5.08 | ng | 0.00  |
| 78) Terphenyl-d14        | 13.10 | 244 | 16226 | 4.90 | ng | -0.02 |

## Target Compounds

|                                |       |     |       |      |    | Qvalue |
|--------------------------------|-------|-----|-------|------|----|--------|
| 2) 1,4-Dioxane                 | 2.52  | 88  | 3239  | 3.47 | ng | # 100  |
| 4) n-Nitrosodimethylamine      | 3.25  | 42  | 2881  | 2.30 | ng | # 61   |
| 6) Aniline                     | 6.61  | 93  | 8957  | 2.68 | ng | # 92   |
| 9) Benzaldehyde                | 6.50  | 77  | 4962  | 3.35 | ng | 93     |
| 10) Phenol                     | 6.58  | 94  | 6089  | 2.08 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 6.68  | 93  | 4835  | 2.19 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 6.90  | 146 | 6234m | 2.41 | ng |        |
| 13) 1,4-Dichlorobenzene        | 6.98  | 146 | 5881  | 2.09 | ng | 92     |
| 14) 1,2-Dichlorobenzene        | 7.13  | 146 | 5778  | 2.21 | ng | 96     |
| 15) Benzyl Alcohol             | 7.09  | 79  | 3884  | 2.30 | ng | # 86   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.24  | 45  | 10755 | 2.80 | ng | 93     |
| 17) 2-Methylphenol             | 7.20  | 107 | 4589  | 2.59 | ng | 94     |
| 18) Hexachloroethane           | 7.48  | 117 | 2099  | 2.28 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 7.36  | 70  | 3454  | 2.30 | ng | # 75   |
| 22) Acetophenone               | 7.36  | 105 | 7754  | 2.58 | ng | # 67   |
| 25) Isophorone                 | 7.78  | 82  | 10029 | 2.38 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 8.00  | 93  | 5089  | 2.20 | ng | # 88   |
| 30) 1,2,4-Trichlorobenzene     | 8.19  | 180 | 5037  | 2.29 | ng | # 97   |
| 31) Naphthalene                | 8.27  | 128 | 16626 | 2.46 | ng | 99     |
| 33) 4-Chloroaniline            | 8.32  | 127 | 5676  | 2.12 | ng | # 94   |
| 34) Hexachlorobutadiene        | 8.40  | 225 | 2978  | 2.83 | ng | 95     |
| 37) 2-Methylnaphthalene        | 8.96  | 142 | 8965  | 2.18 | ng | 93     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.13  | 216 | 5128  | 2.92 | ng | # 91   |
| 40) Hexachlorocyclopentadiene  | 9.12  | 237 | 1868  | 2.29 | ng | 94     |
| 45) 1,1'-Biphenyl              | 9.42  | 154 | 12318 | 2.69 | ng | 98     |
| 46) 2-Chloronaphthalene        | 9.45  | 162 | 9827  | 2.91 | ng | 92     |
| 48) Acenaphthylene             | 9.86  | 152 | 12397 | 2.24 | ng | 95     |
| 49) Dimethylphthalate          | 9.72  | 163 | 8203  | 2.22 | ng | # 96   |
| 51) Acenaphthene               | 10.04 | 154 | 7178  | 2.12 | ng | 96     |
| 54) Dibenzofuran               | 10.21 | 168 | 10693 | 2.25 | ng | 98     |
| 57) Fluorene                   | 10.56 | 166 | 8686  | 2.31 | ng | 97     |
| 59) Diethylphthalate           | 10.42 | 149 | 8053  | 2.32 | ng | 96     |
| 60) 4-Chlorophenyl-phenylether | 10.54 | 204 | 4192  | 2.51 | ng | 96     |
| 62) Azobenzene                 | 10.70 | 77  | 8619  | 2.41 | ng | 97     |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF072215\  
 Data File : BF080559.D  
 Acq On : 22 Jul 2015 16:15  
 Operator : TP/UM  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Manual Integrations  
 APPROVED

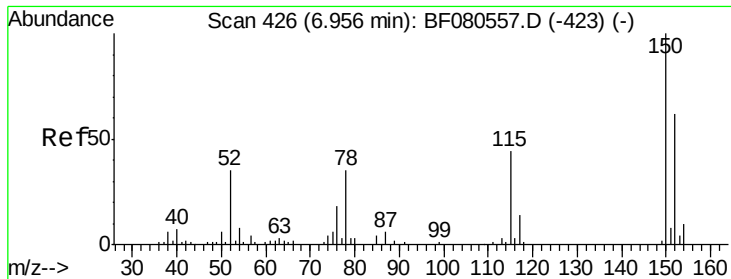
apatel  
 7/23/2015 11:50:19 AM

Quant Time: Jul 23 10:42:01 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF072215.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 23 04:11:19 2015  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|-------|------|----------|------|-------|----------|
| -----                         |       |      |          |      |       |          |
| 65) n-Nitrosodiphenylamine    | 10.66 | 169  | 7383     | 2.31 | ng    | 94       |
| 66) 4-Bromophenyl-phenylether | 11.04 | 248  | 2135     | 2.36 | ng    | 88       |
| 67) Hexachlorobenzene         | 11.10 | 284  | 2546     | 2.37 | ng    | # 91     |
| 68) Atrazine                  | 11.18 | 200  | 1727     | 2.18 | ng    | # 80     |
| 70) Phenanthrene              | 11.52 | 178  | 13961    | 2.62 | ng    | 96       |
| 71) Anthracene                | 11.57 | 178  | 11179    | 2.15 | ng    | 97       |
| 72) Carbazole                 | 11.72 | 167  | 9843     | 2.11 | ng    | 98       |
| 74) Fluoranthene              | 12.72 | 202  | 11348    | 2.28 | ng    | 98       |
| 76) Benzidine                 | 12.84 | 184  | 4339     | 2.15 | ng    | 96       |
| 77) Pyrene                    | 12.96 | 202  | 11366    | 2.38 | ng    | 99       |
| 80) Benzo(a)anthracene        | 14.25 | 228  | 9076     | 2.23 | ng    | 100      |
| 82) Chrysene                  | 14.25 | 228  | 9076     | 2.21 | ng    | 98       |
| 87) Benzo(b)fluoranthene      | 15.46 | 252  | 7918     | 2.38 | ng    | # 92     |
| 88) Benzo(k)fluoranthene      | 15.48 | 252  | 7777m    | 2.70 | ng    |          |
| 89) Benzo(a)pyrene            | 15.84 | 252  | 5747     | 2.03 | ng    | # 81     |
| 91) Benzo(g,h,i)perylene      | 17.87 | 276  | 5505     | 2.00 | ng    | # 90     |
| -----                         |       |      |          |      |       |          |

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





#1

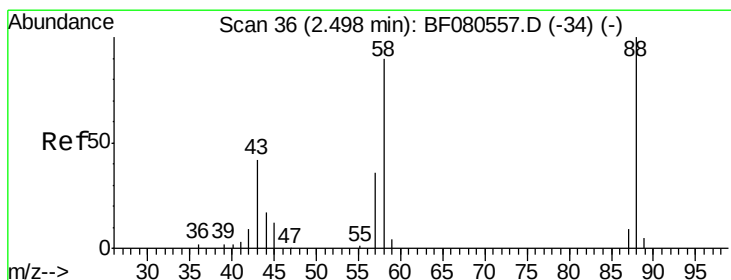
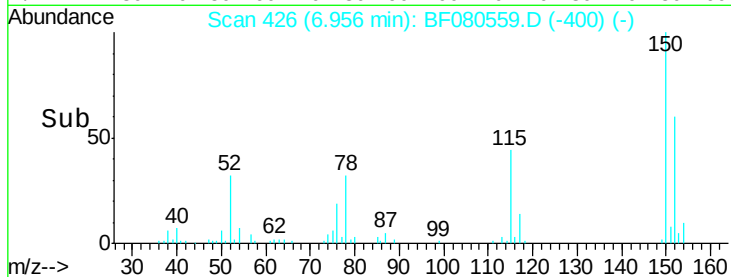
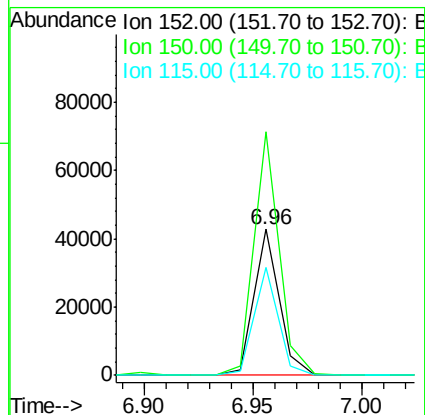
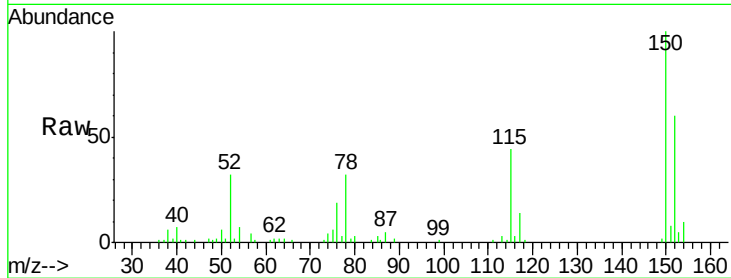
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.96 min Scan# 426  
Delta R.T. -0.00 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 166.5 | 128.7 | 193.1 |
| 115     | 73.7  | 56.8  | 85.2  |

Manual Integrations  
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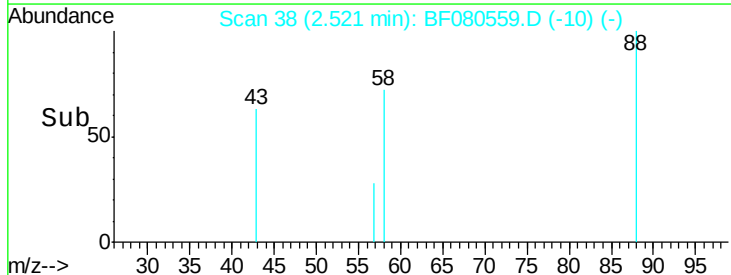
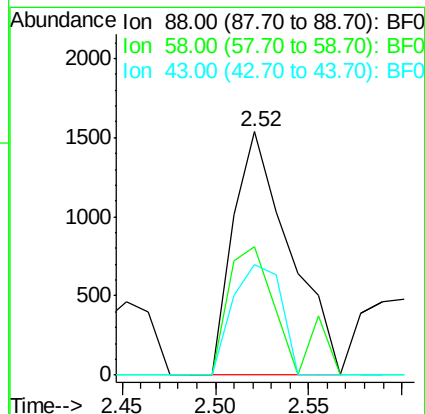
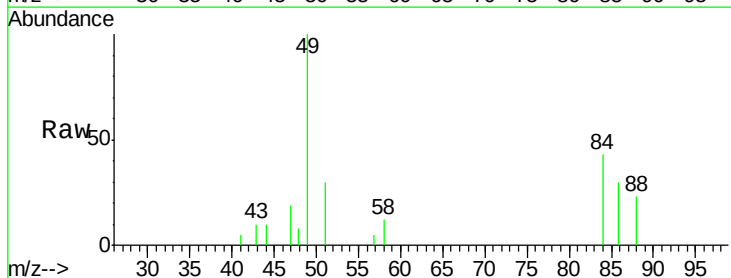
apatel  
7/23/2015 11:50:19 AM

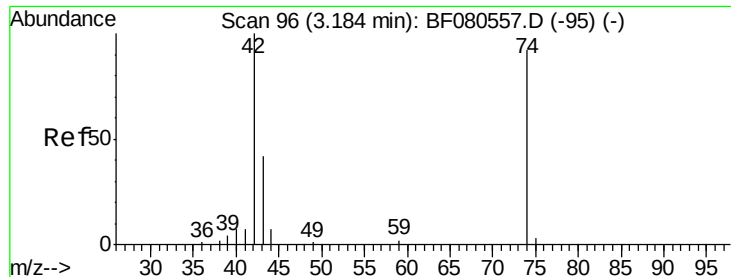


#2

1,4-Dioxane  
Concen: 3.47 ng  
RT: 2.52 min Scan# 38  
Delta R.T. 0.02 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 49.1  | 0.0   | 0.0#  |
| 43      | 39.0  | 0.0   | 0.0#  |





#4

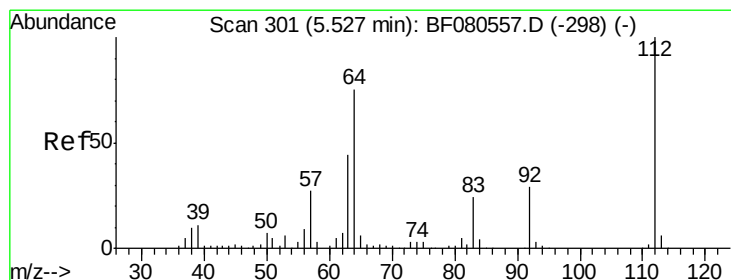
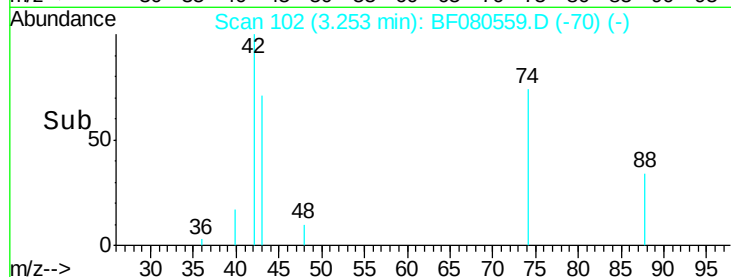
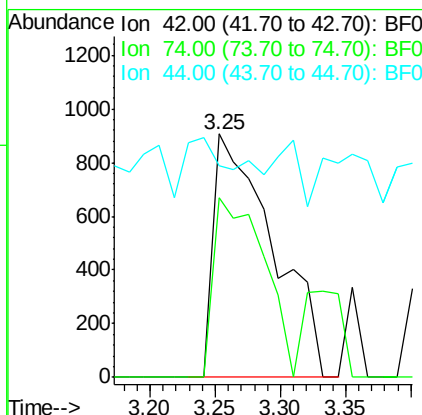
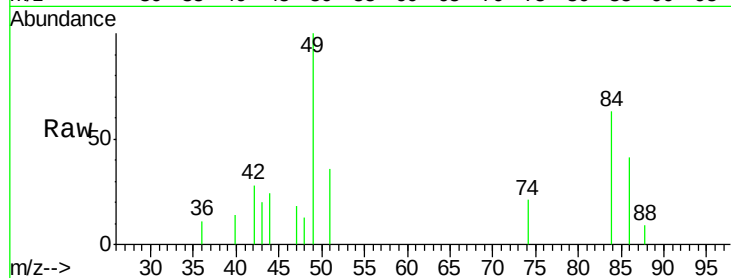
n-Nitrosodimethylamine  
 Concen: 2.30 ng  
 RT: 3.25 min Scan# 102  
 Delta R.T. 0.07 min  
 Lab File: BF080559.D  
 Acq: 22 Jul 2015 16:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 73.5  | 72.6  | 108.8 |
| 44      | 86.8  | 10.4  | 15.6# |

Manual Integrations  
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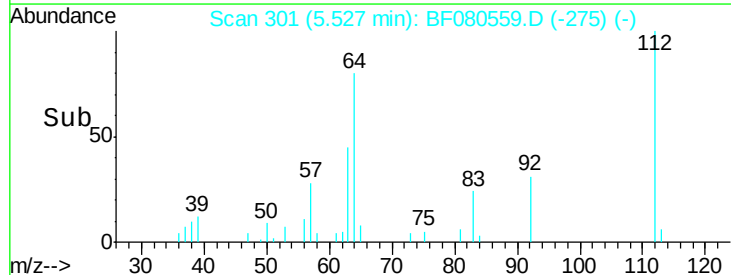
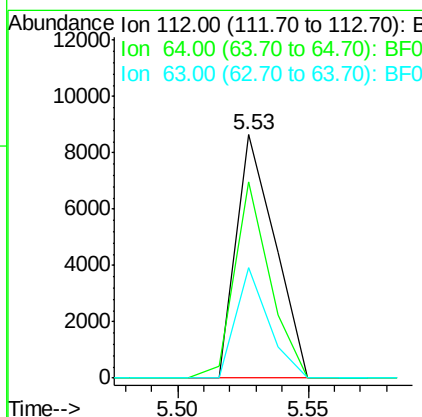
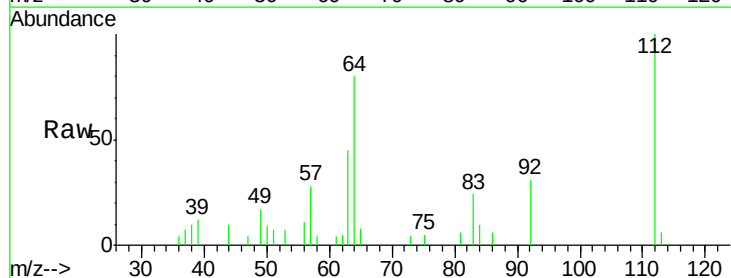
apatel  
 7/23/2015 11:50:19 AM

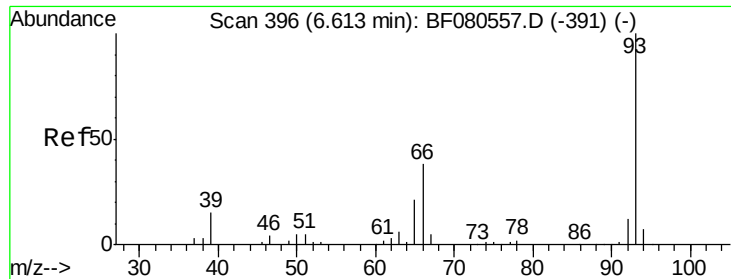


#5

2-Fluorophenol  
 Concen: 4.15 ng  
 RT: 5.53 min Scan# 301  
 Delta R.T. -0.00 min  
 Lab File: BF080559.D  
 Acq: 22 Jul 2015 16:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 80.5  | 60.2  | 90.2  |
| 63      | 45.2  | 34.8  | 52.2  |





#6

Aniline

Concen: 2.68 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF080559.D

Acq: 22 Jul 2015 16:15

Instrument :

BNA\_F

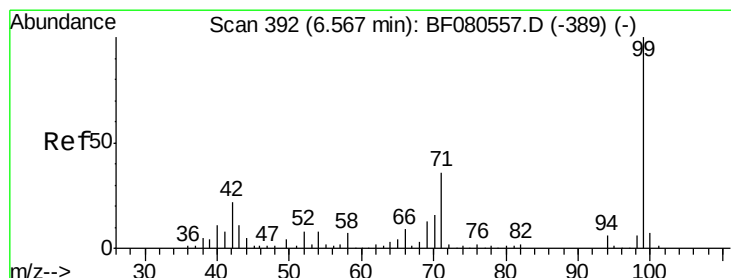
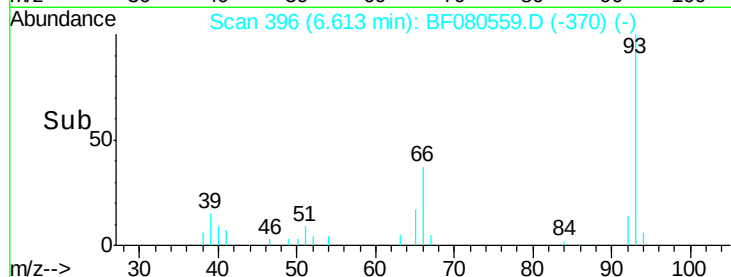
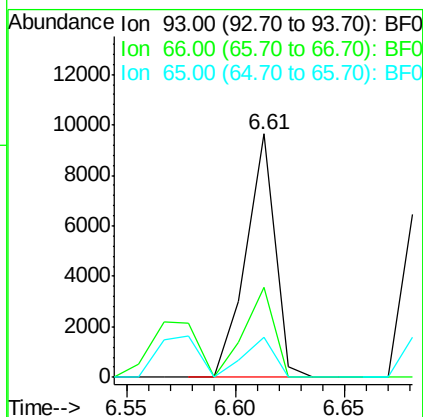
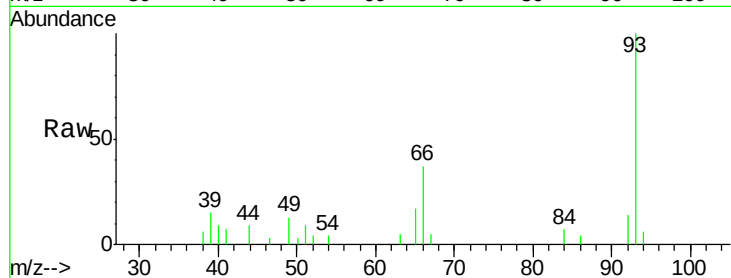
ClientSampleId :

SSTDICC2.5

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 8957  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 66       | 37.2  | 33.1  | 49.7  |
| 65       | 16.6  | 17.2  | 25.8# |

Manual Integrations  
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apatel  
7/23/2015 11:50:19 AM



#7

Phenol-d6

Concen: 4.42 ng

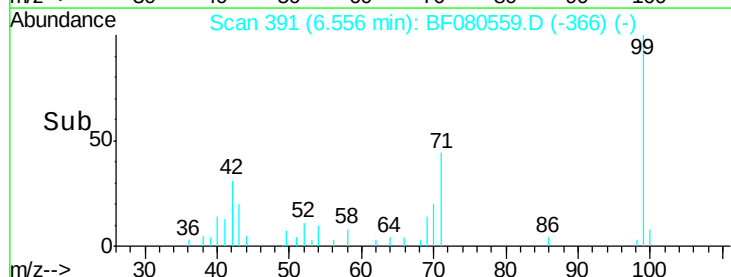
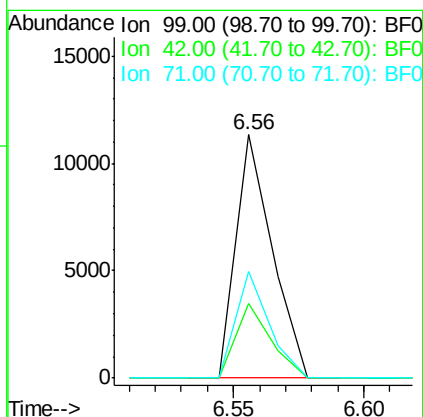
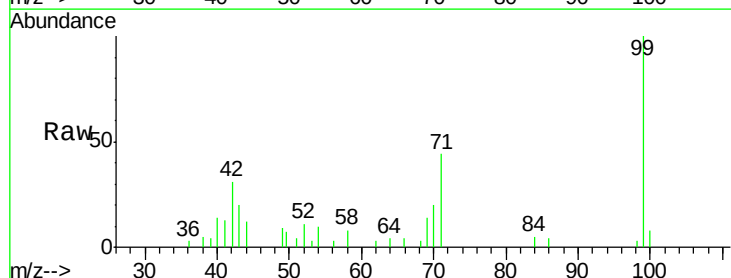
RT: 6.56 min Scan# 391

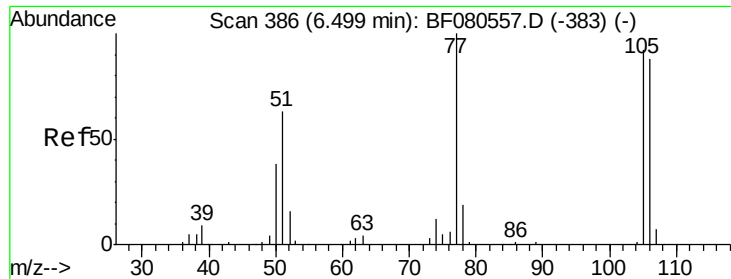
Delta R.T. -0.01 min

Lab File: BF080559.D

Acq: 22 Jul 2015 16:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 11020 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 30.7  | 17.4  | 26.2# |
| 71       | 43.7  | 29.0  | 43.6# |





#9

Benzaldehyde

Concen: 3.35 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF080559.D

Acq: 22 Jul 2015 16:15

Instrument :

BNA\_F

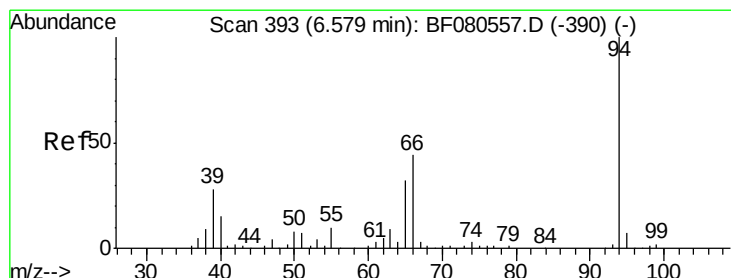
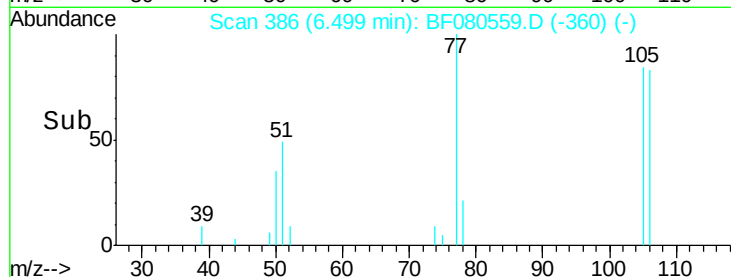
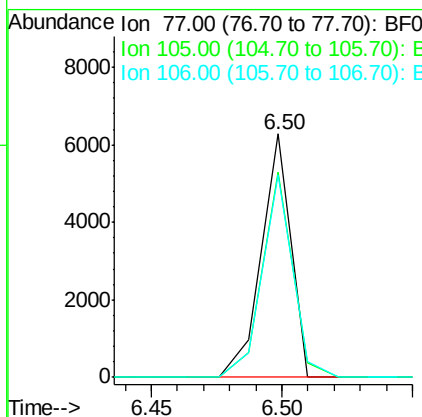
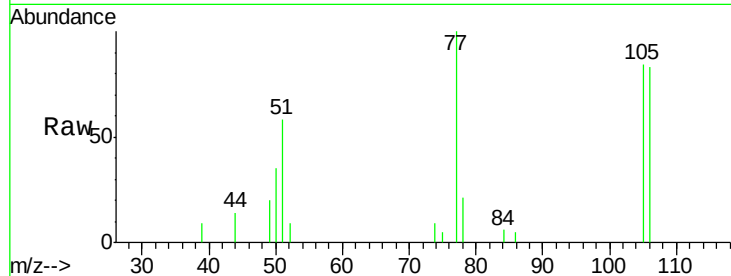
ClientSampleId :

SSTDICC2.5

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 4962  |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 84.1  | 72.3  | 112.3 |
| 106      | 83.0  | 67.5  | 107.5 |

Manual Integrations  
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apatel  
7/23/2015 11:50:19 AM



#10

Phenol

Concen: 2.08 ng

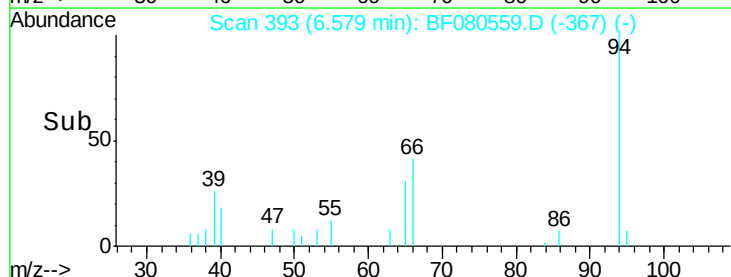
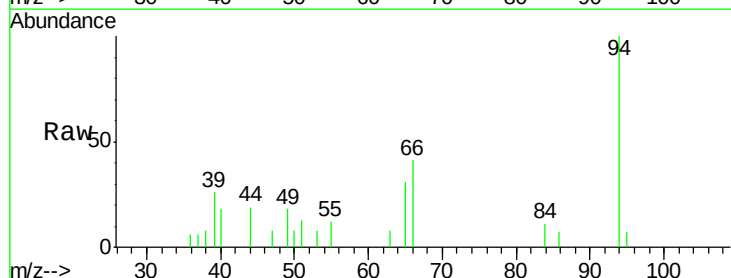
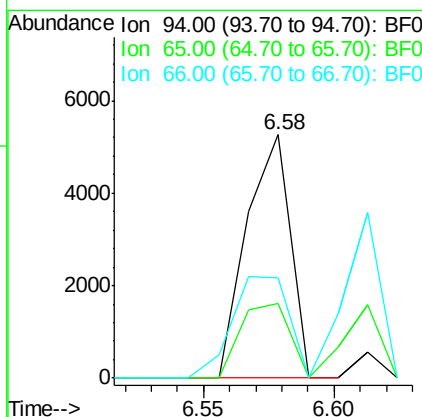
RT: 6.58 min Scan# 393

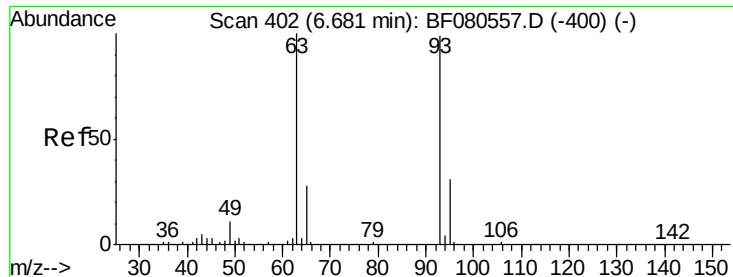
Delta R.T. -0.00 min

Lab File: BF080559.D

Acq: 22 Jul 2015 16:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 6089  |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 30.7  | 12.1  | 52.1  |
| 66       | 41.1  | 24.3  | 64.3  |





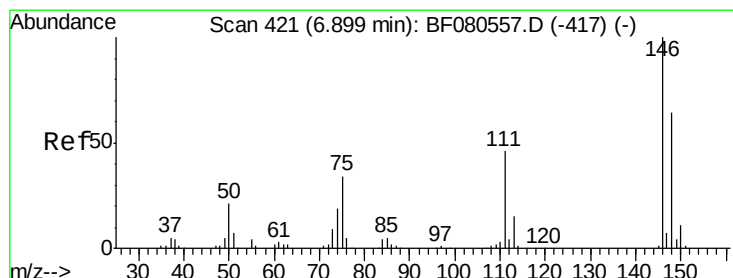
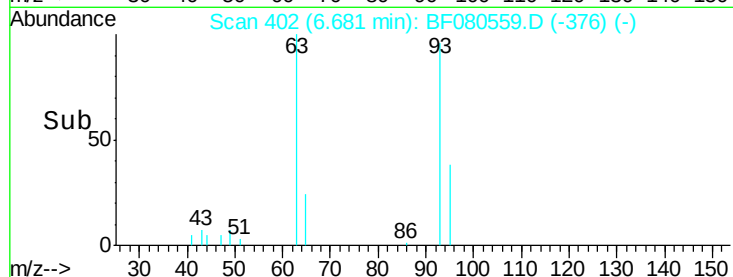
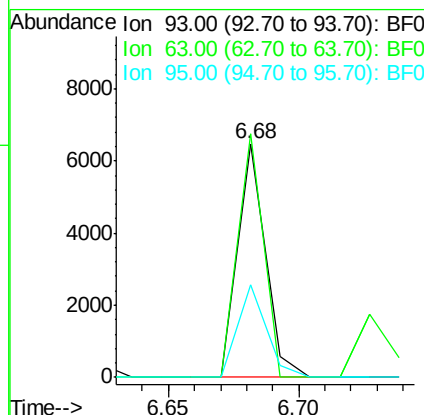
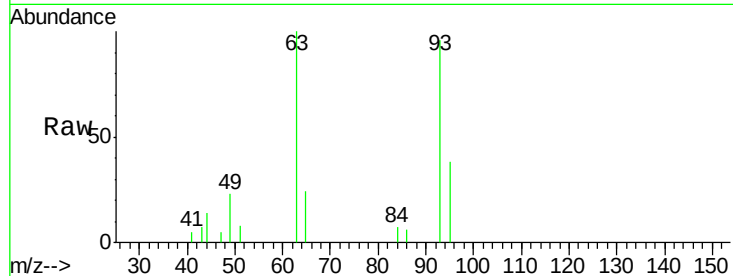
#11  
bis(2-Chloroethyl)ether  
Concen: 2.19 ng  
RT: 6.68 min Scan# 402  
Delta R.T. -0.00 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 104.3 | 80.5  | 120.5 |
| 95      | 39.7  | 11.2  | 51.2  |

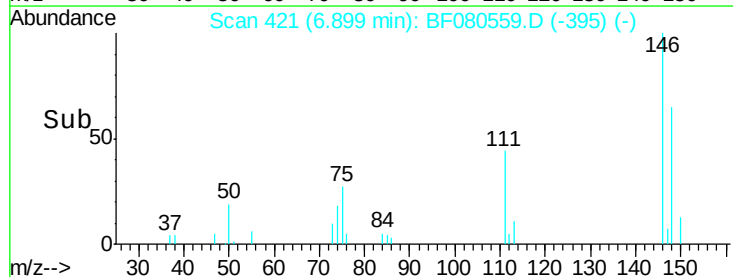
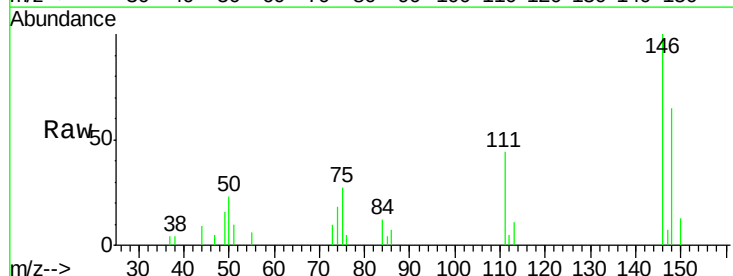
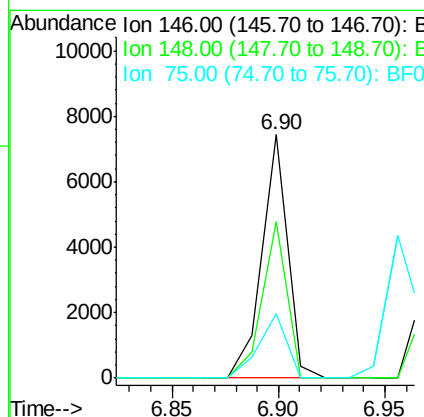
Manual Integrations  
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apatel  
7/23/2015 11:50:19 AM

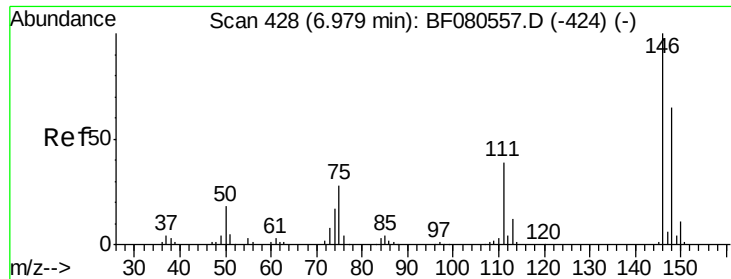


#12  
1,3-Dichlorobenzene  
Concen: 2.41 ng m  
RT: 6.90 min Scan# 421  
Delta R.T. -0.00 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 50.9  | 76.3  |
| 75      | 26.6  | 27.1  | 40.7# |







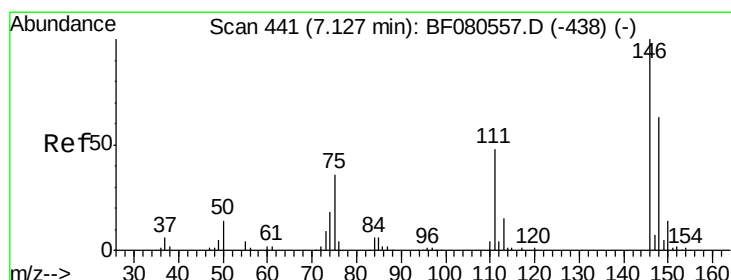
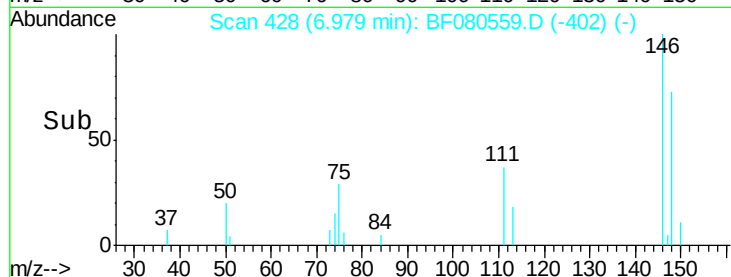
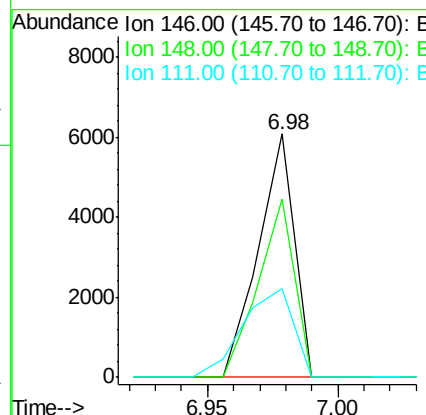
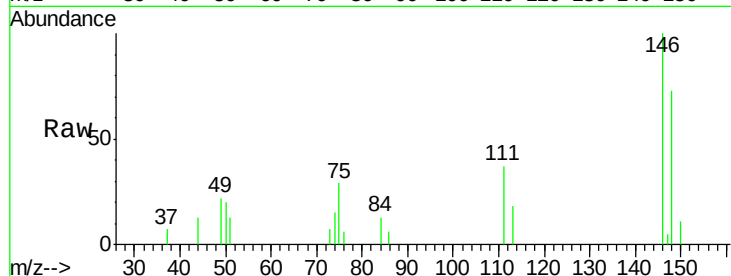
#13  
 1,4-Dichlorobenzene  
 Concen: 2.09 ng  
 RT: 6.98 min Scan# 428  
 Delta R.T. -0.00 min  
 Lab File: BF080559.D  
 Acq: 22 Jul 2015 16:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 73.1  | 52.0  | 78.0  |
| 111     | 36.6  | 31.4  | 47.2  |

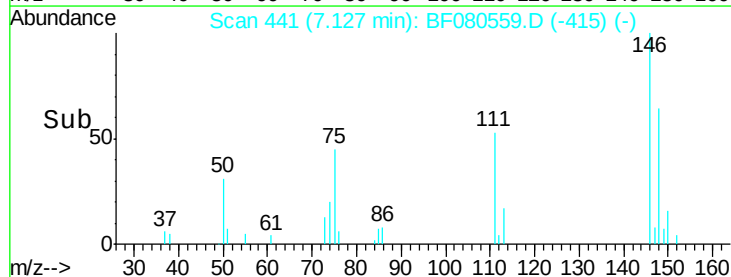
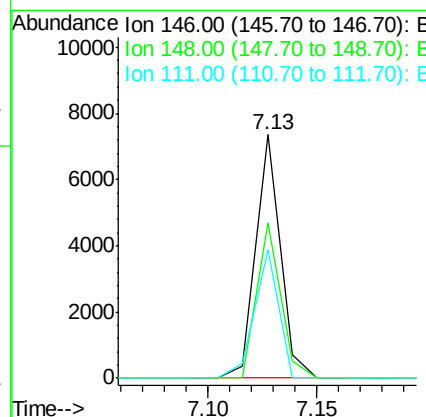
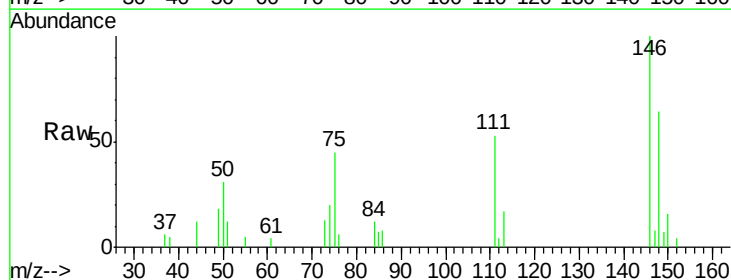
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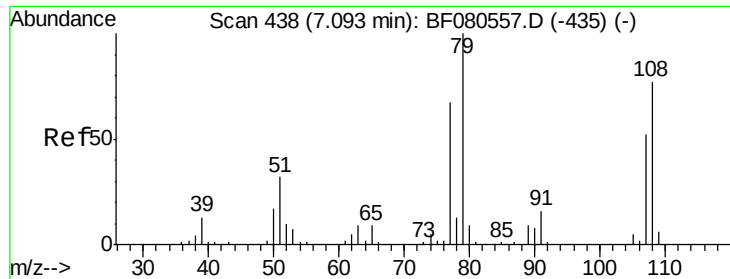
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#14  
 1,2-Dichlorobenzene  
 Concen: 2.21 ng  
 RT: 7.13 min Scan# 441  
 Delta R.T. -0.00 min  
 Lab File: BF080559.D  
 Acq: 22 Jul 2015 16:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 50.3  | 75.5  |
| 111     | 53.0  | 38.2  | 57.2  |





#15

Benzyl Alcohol

Concen: 2.30 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF080559.D

Acq: 22 Jul 2015 16:15

Instrument :

BNA\_F

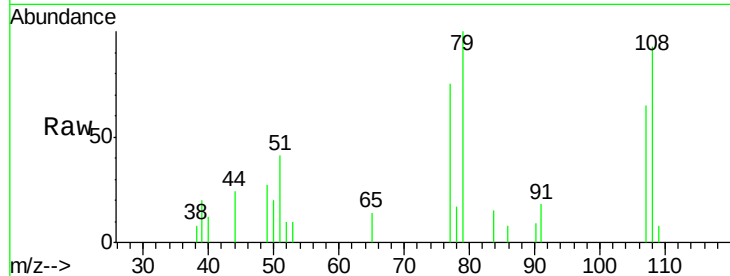
ClientSampleId :

SSTDICC2.5

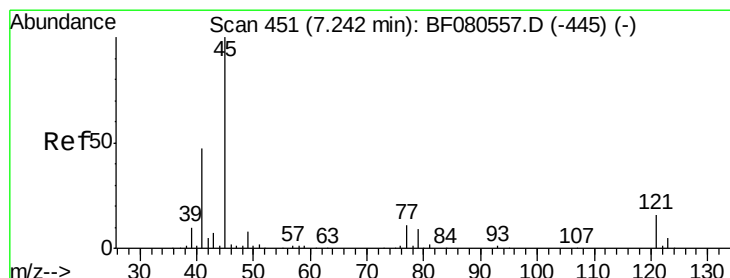
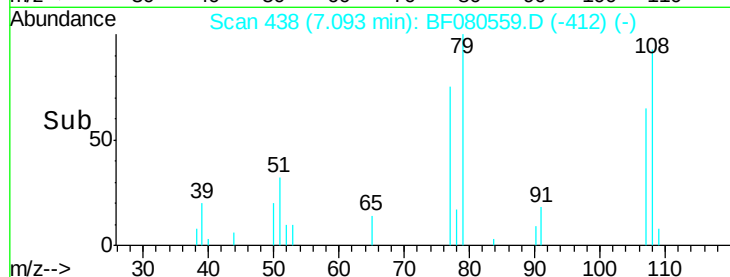
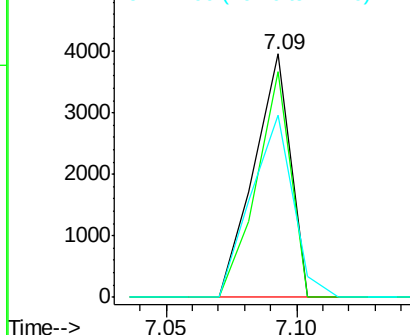
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 79    | Resp: | 3884  |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 92.7  | 61.5  | 92.3# |
| 77        | 74.6  | 53.6  | 80.4  |

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Abundance Ion 79.00 (78.70 to 79.70): BF0  
Ion 108.00 (107.70 to 108.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.80 ng

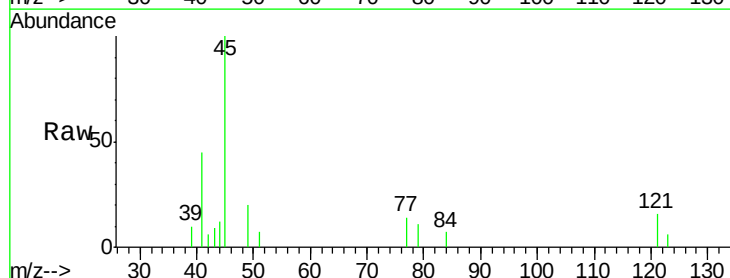
RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

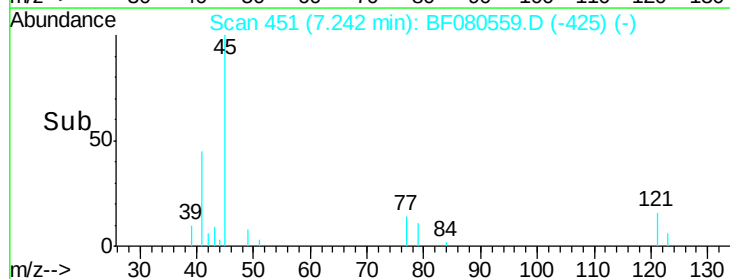
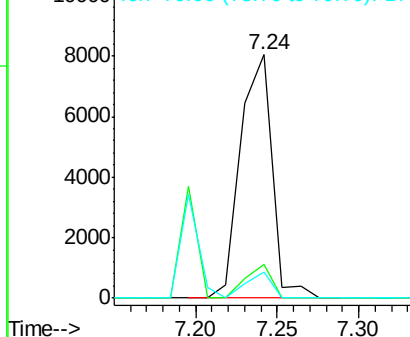
Lab File: BF080559.D

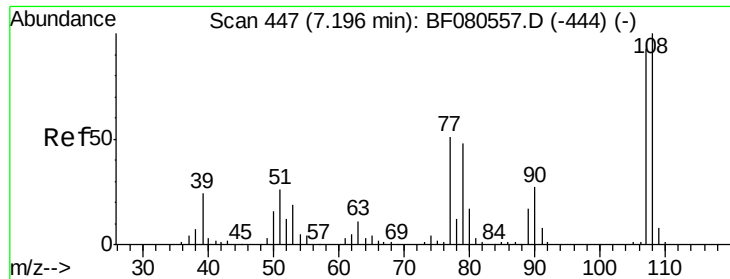
Acq: 22 Jul 2015 16:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 45    | Resp: | 10755 |
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 77        | 14.0  | 0.0   | 30.8  |
| 79        | 10.8  | 0.0   | 28.6  |



Abundance Ion 45.00 (44.70 to 45.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0





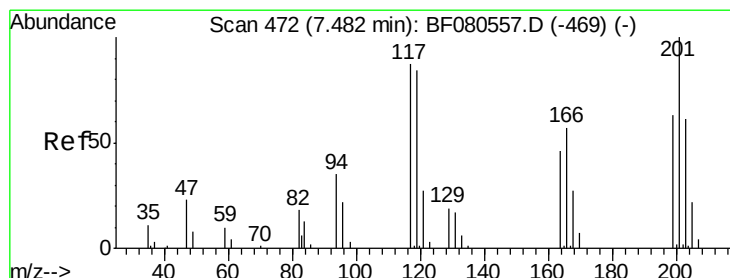
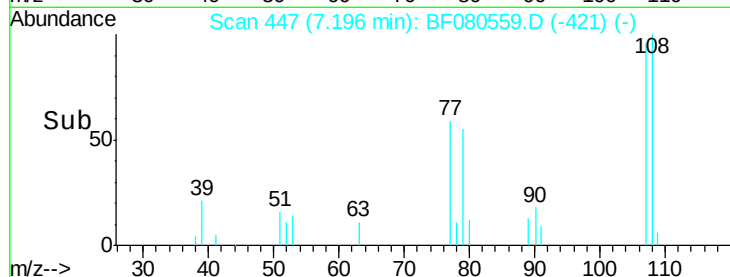
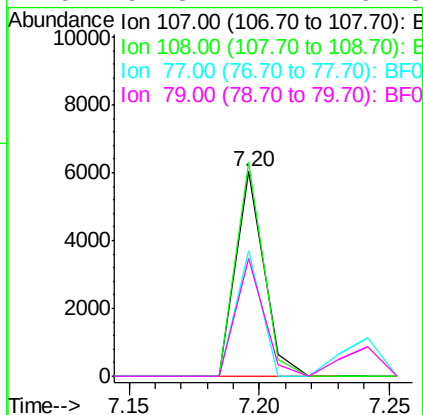
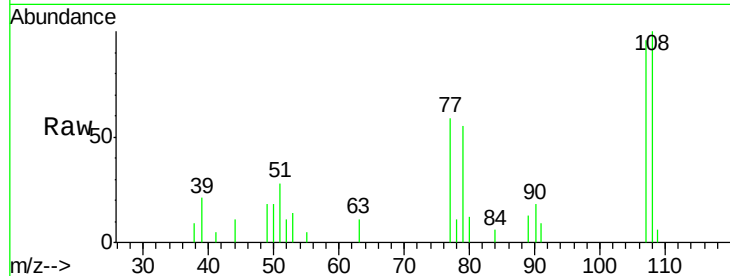
#17  
2-Methylphenol  
Concen: 2.59 ng  
RT: 7.20 min Scan# 447  
Delta R.T. -0.00 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   | 4589 |       |       |
| 108     | 104.4 | 86.0 | 129.0 |       |
| 77      | 61.2  | 43.4 | 65.2  |       |
| 79      | 57.3  | 41.2 | 61.8  |       |

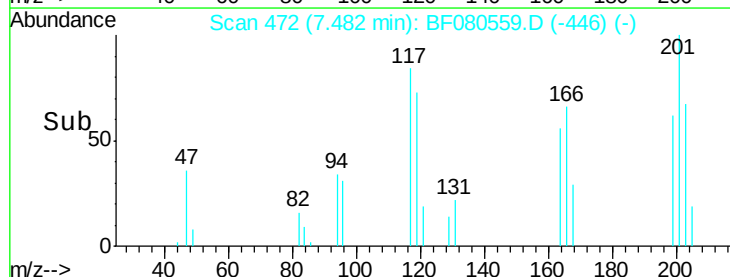
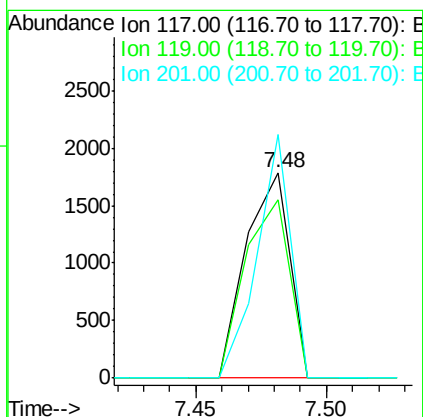
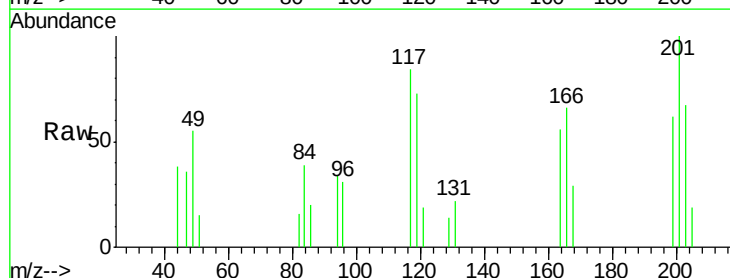
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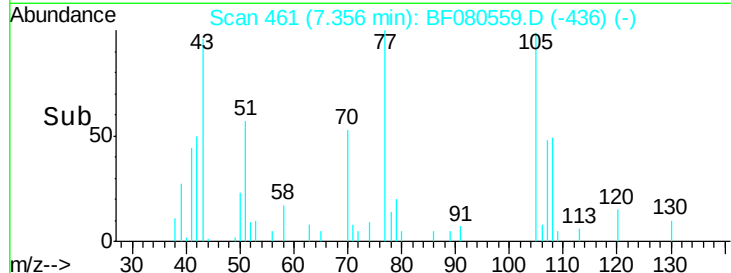
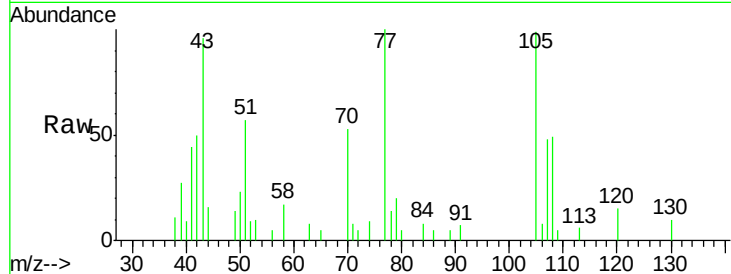
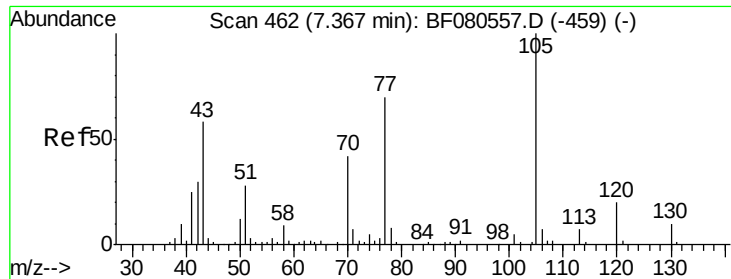
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#18  
Hexachloroethane  
Concen: 2.28 ng  
RT: 7.48 min Scan# 472  
Delta R.T. -0.00 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   | 2099 |       |       |
| 119     | 86.9  | 76.5 | 114.7 |       |
| 201     | 118.7 | 91.6 | 137.4 |       |





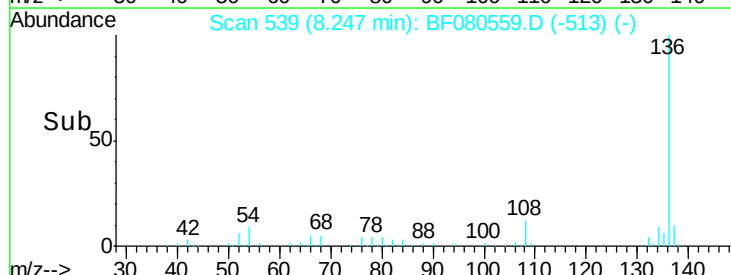
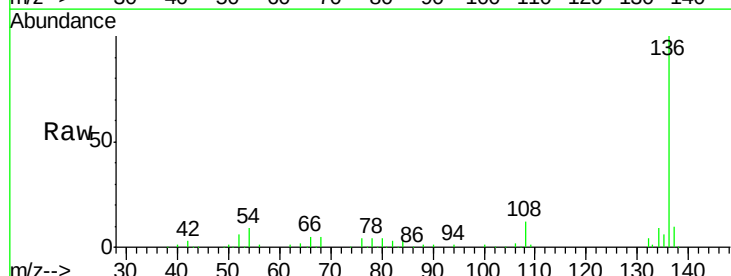
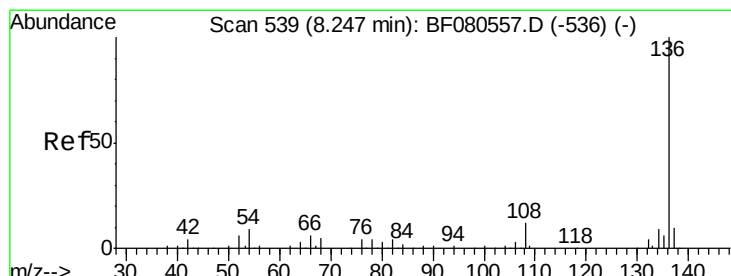
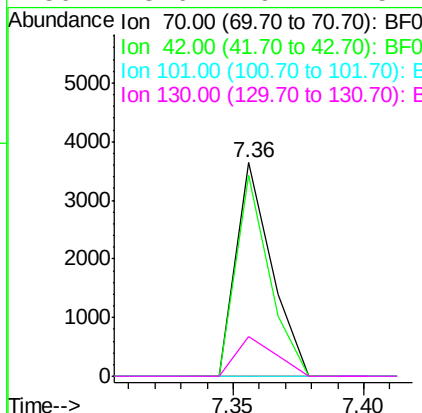
#19  
n-Nitroso-di-n-propylamine  
Concen: 2.30 ng  
RT: 7.36 min Scan# 461  
Delta R.T. -0.01 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tgt Ion: 70 Resp: 3454  
Ion Ratio Lower Upper  
70 100  
42 94.3 56.6 85.0#  
101 0.0 9.7 14.5#  
130 18.6 19.1 28.7#

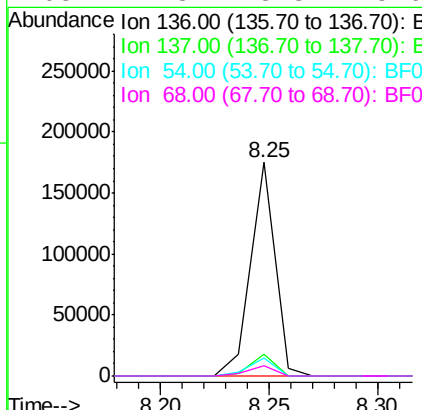
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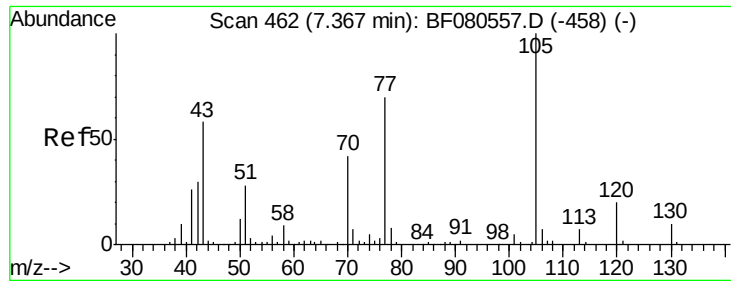
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#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.25 min Scan# 539  
Delta R.T. -0.00 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

Tgt Ion: 136 Resp: 136185  
Ion Ratio Lower Upper  
136 100  
137 10.3 7.8 11.8  
54 8.6 7.2 10.8  
68 4.8 3.8 5.6





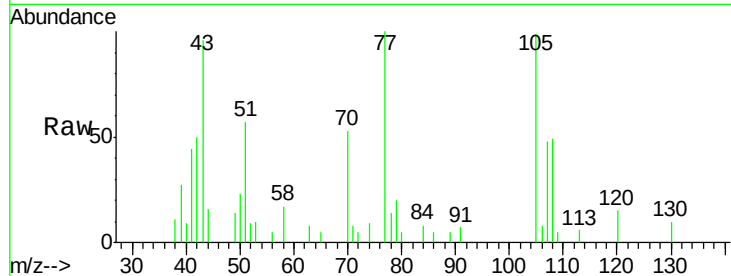
#22  
Acetophenone  
Concen: 2.58 ng  
RT: 7.36 min Scan# 461  
Delta R.T. -0.01 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 7.8   | 5.5   | 8.3   |
| 51      | 58.0  | 23.0  | 34.4  |
| 120     | 15.2  | 15.8  | 23.8  |

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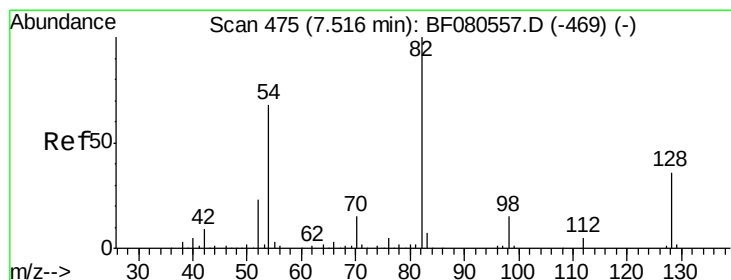
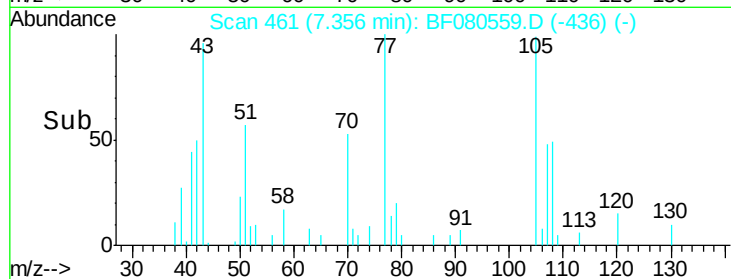
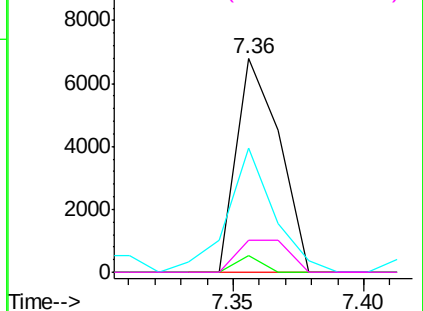
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

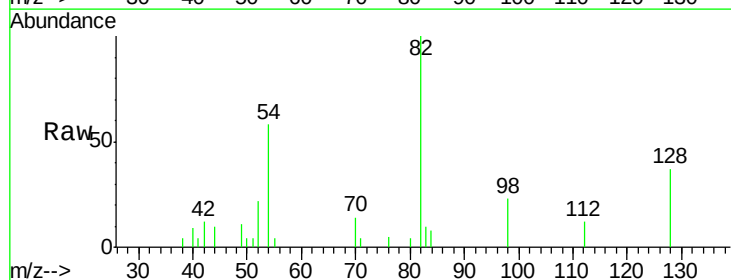
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23  
Nitrobenzene-d5  
Concen: 3.79 ng  
RT: 7.52 min Scan# 475  
Delta R.T. -0.00 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 36.8  | 28.9  | 43.3  |
| 54      | 57.7  | 54.5  | 81.7  |

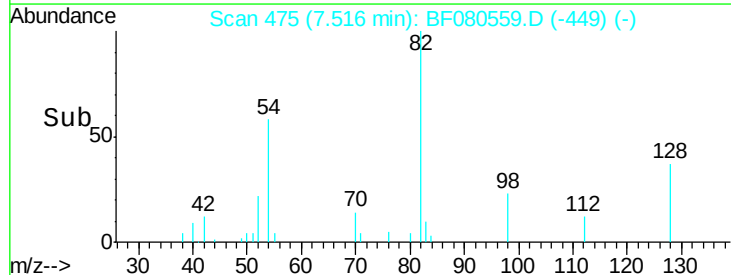
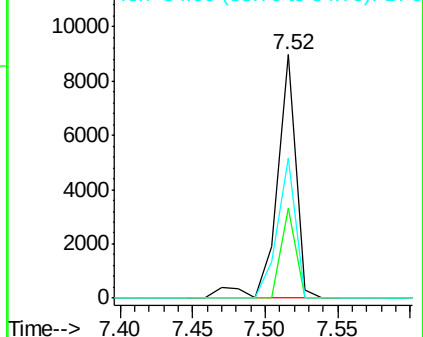


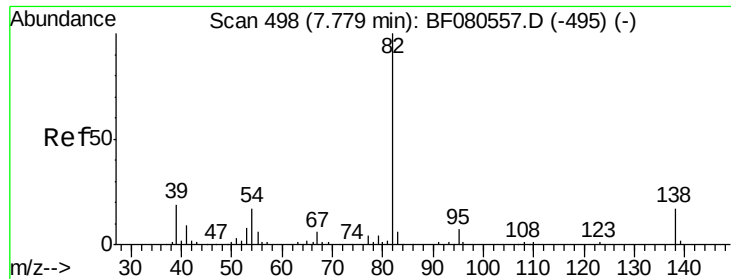
Abundance

Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 2.38 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF080559.D

Acq: 22 Jul 2015 16:15

Instrument :

BNA\_F

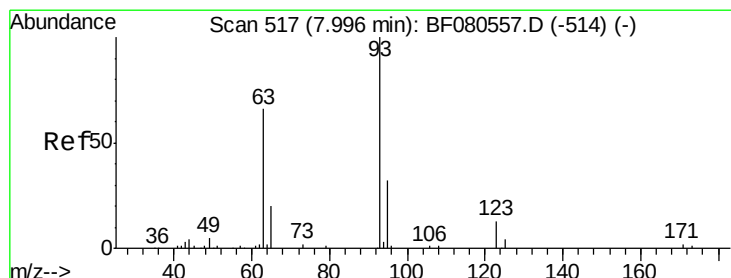
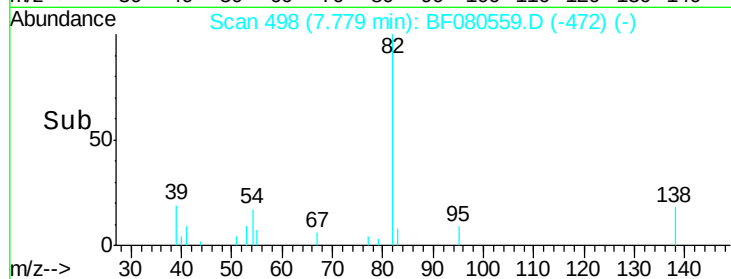
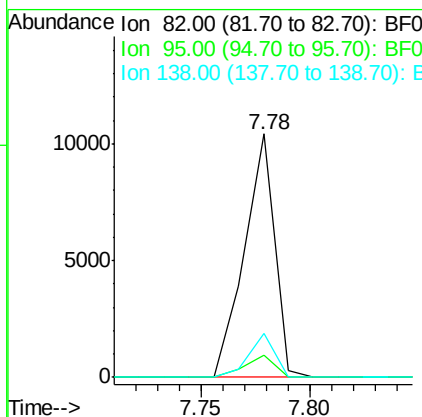
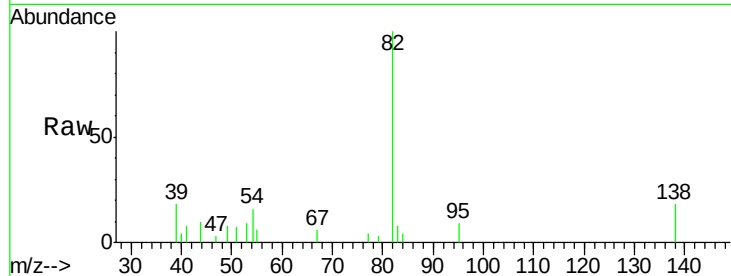
ClientSampleId :

SSTDICC2.5

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 82   | Resp: | 10029 |
| Ion Ratio |      | Lower | Upper |
| 82        | 100  |       |       |
| 95        | 8.9  | 5.9   | 8.9   |
| 138       | 17.9 | 13.4  | 20.2  |

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#28

bis(2-Chloroethoxy)methane

Concen: 2.20 ng

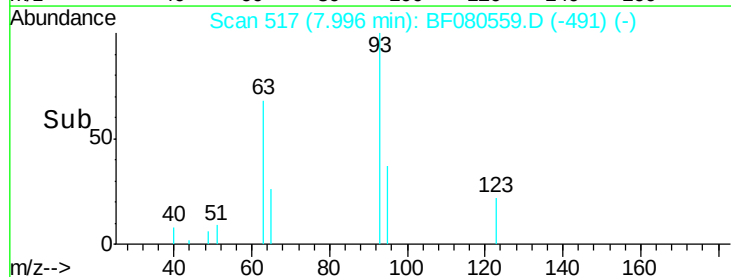
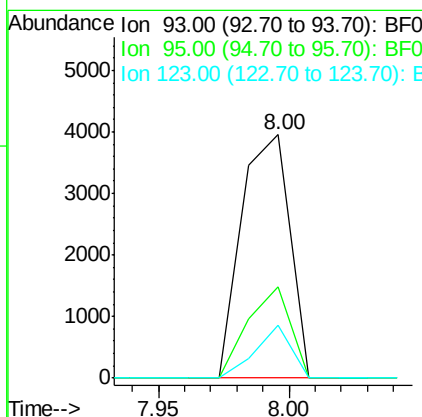
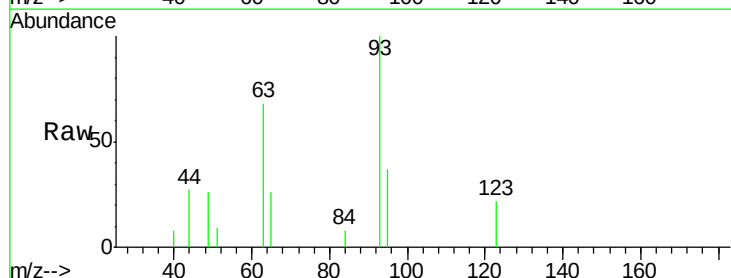
RT: 8.00 min Scan# 517

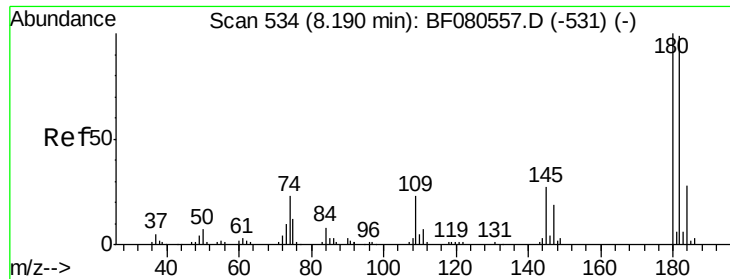
Delta R.T. -0.00 min

Lab File: BF080559.D

Acq: 22 Jul 2015 16:15

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 93   | Resp: | 5089  |
| Ion Ratio |      | Lower | Upper |
| 93        | 100  |       |       |
| 95        | 37.3 | 25.9  | 38.9  |
| 123       | 21.6 | 10.3  | 15.5# |





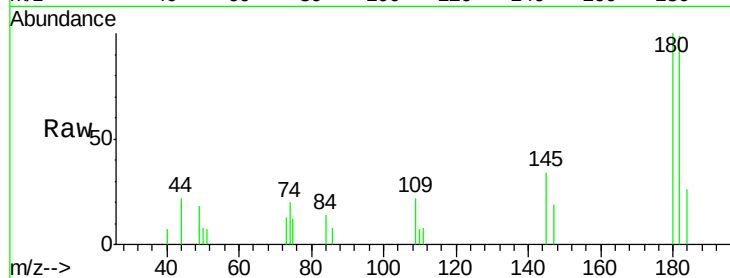
#30  
 1,2,4-Trichlorobenzene  
 Concen: 2.29 ng  
 RT: 8.19 min Scan# 534  
 Delta R.T. -0.00 min  
 Lab File: BF080559.D  
 Acq: 22 Jul 2015 16:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

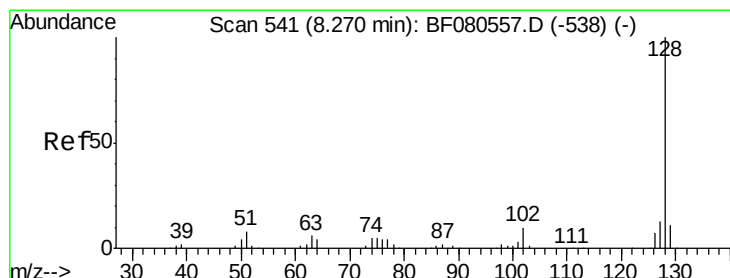
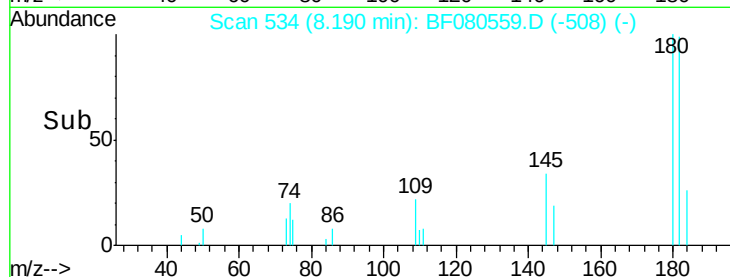
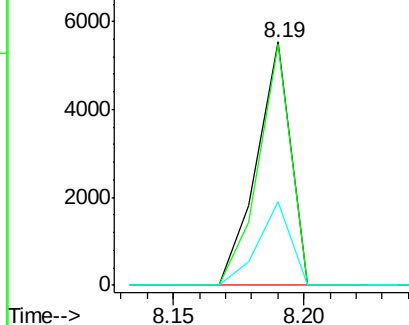
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   | 5037 |       |       |
| 182     | 98.8  | 79.0 | 118.4 |       |
| 145     | 34.3  | 22.0 | 33.0  |       |

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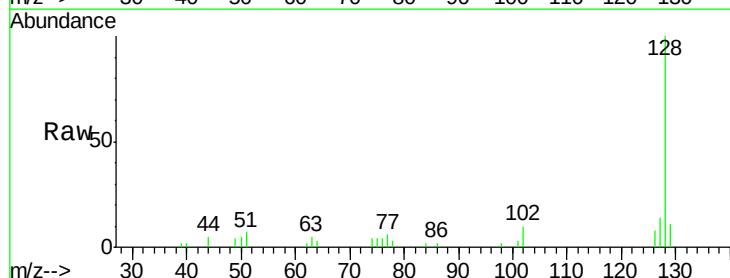


Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E

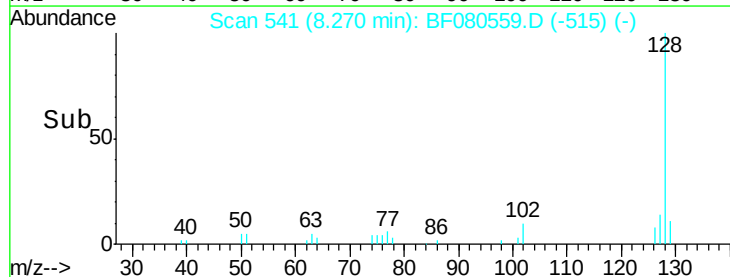
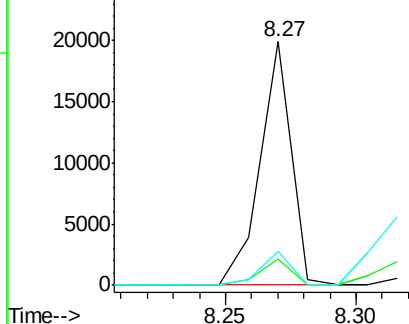


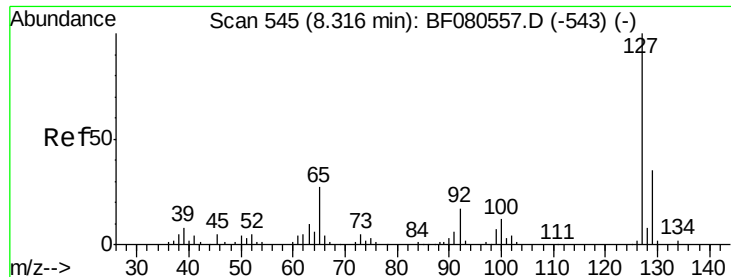
#31  
 Naphthalene  
 Concen: 2.46 ng  
 RT: 8.27 min Scan# 541  
 Delta R.T. -0.00 min  
 Lab File: BF080559.D  
 Acq: 22 Jul 2015 16:15

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 128     | 100   | 16626 |       |       |
| 129     | 10.8  | 8.6   | 13.0  |       |
| 127     | 13.9  | 10.7  | 16.1  |       |



Abundance Ion 128.00 (127.70 to 128.70): E  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 127.00 (126.70 to 127.70): E





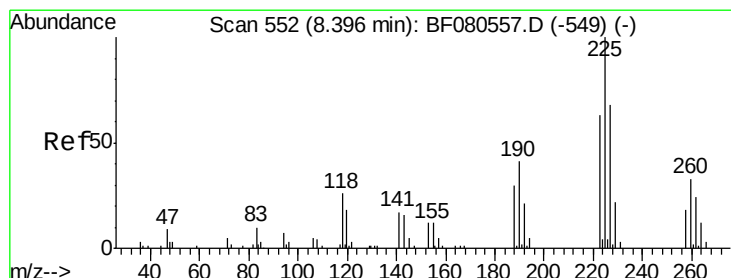
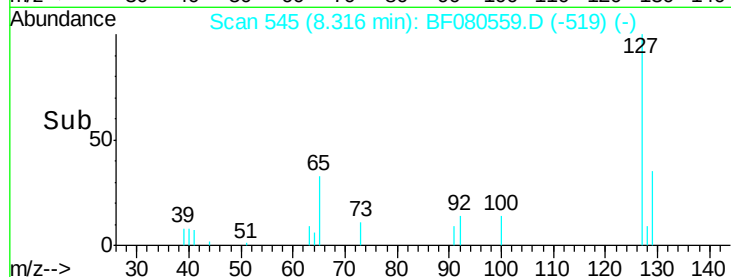
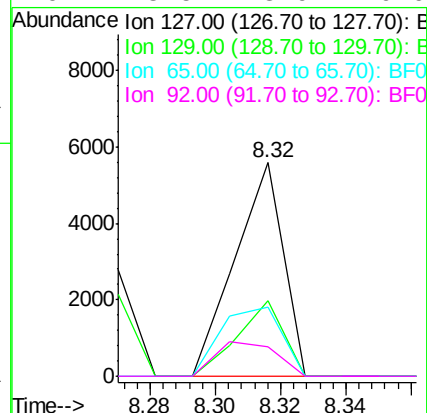
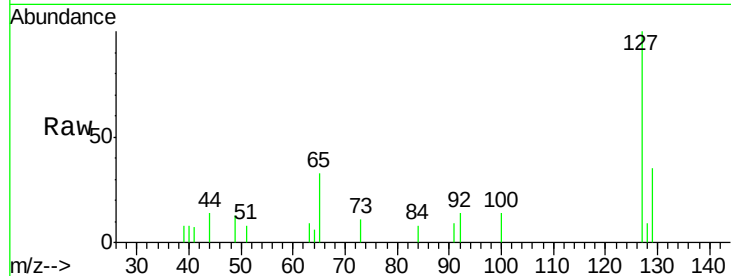
#33  
4-Chloroaniline  
Concen: 2.12 ng  
RT: 8.32 min Scan# 545  
Delta R.T. -0.00 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   | 5676 |       |       |
| 129     | 35.2  | 27.8 | 41.6  |       |
| 65      | 32.6  | 21.2 | 31.8  |       |
| 92      | 13.5  | 13.9 | 20.9  |       |

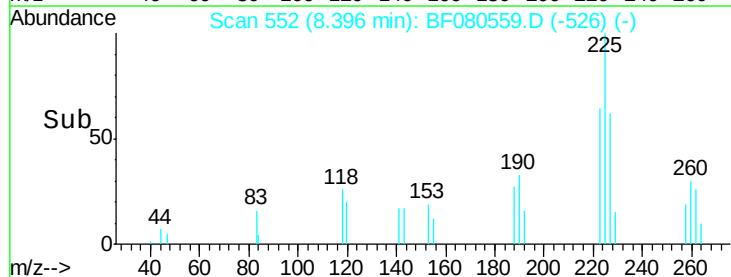
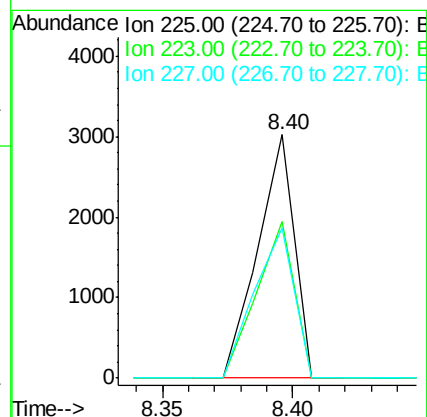
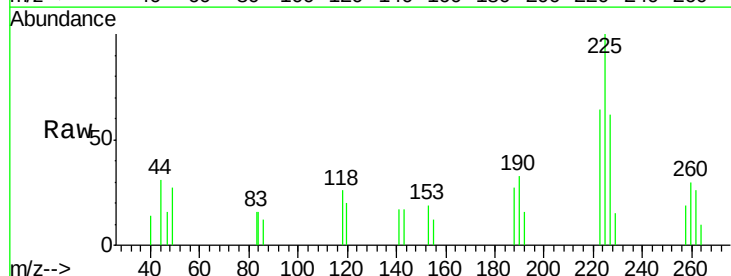
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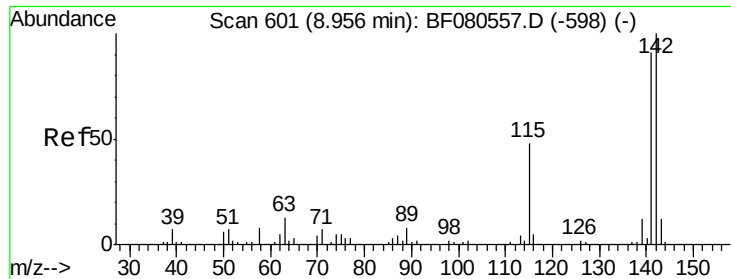


#34  
Hexachlorobutadiene  
Concen: 2.83 ng  
RT: 8.40 min Scan# 552  
Delta R.T. -0.00 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   | 2978 |       |       |
| 223     | 64.2  | 50.3 | 75.5  |       |
| 227     | 61.6  | 54.5 | 81.7  |       |







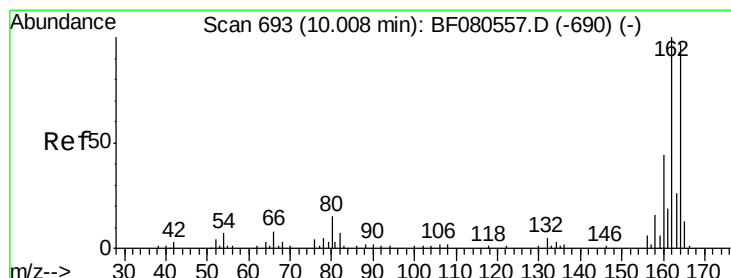
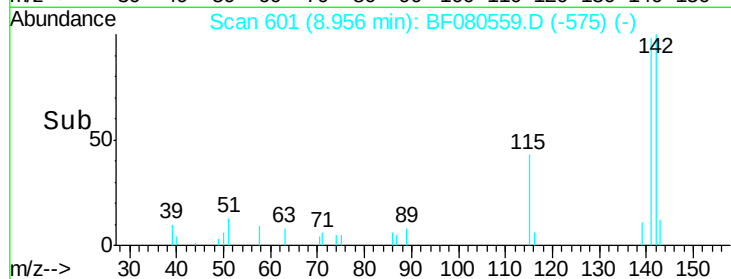
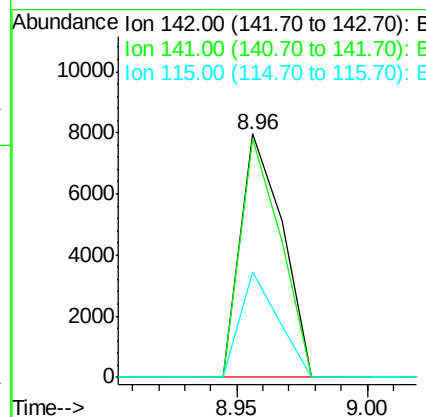
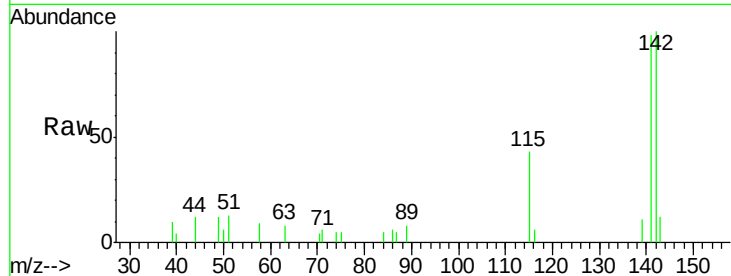
#37  
2-Methylnaphthalene  
Concen: 2.18 ng  
RT: 8.96 min Scan# 601  
Delta R.T. -0.00 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

Instrument :  
BNA\_F  
ClientSampled :  
SSTDICC2.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 97.7  | 72.6  | 109.0 |
| 115     | 43.1  | 38.2  | 57.2  |

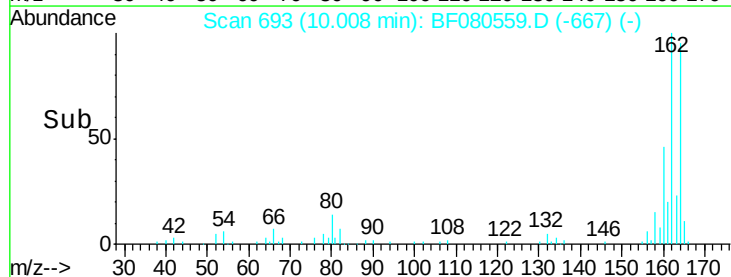
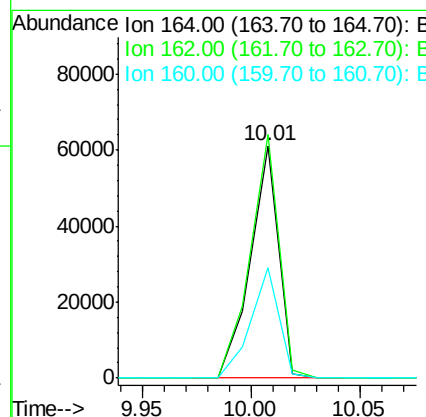
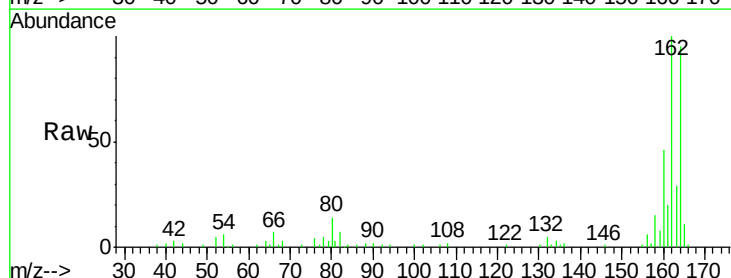
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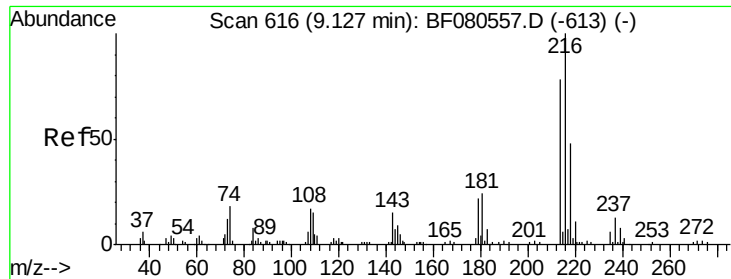
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.01 min Scan# 693  
Delta R.T. -0.00 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.9 | 82.2  | 123.4 |
| 160     | 47.8  | 36.1  | 54.1  |





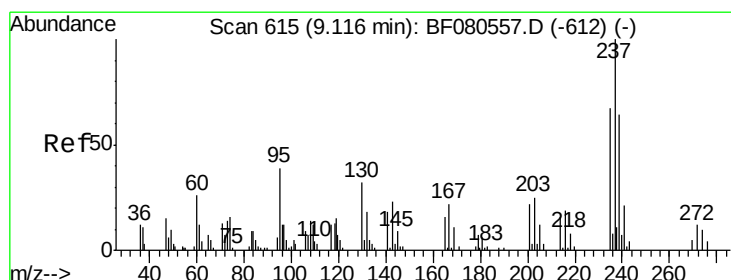
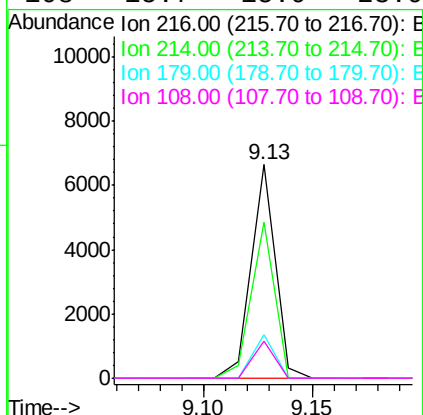
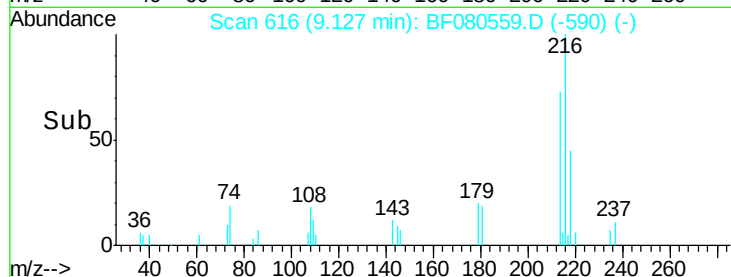
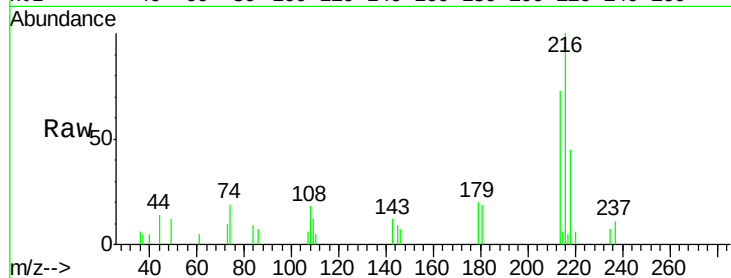
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 2.92 ng  
 RT: 9.13 min Scan# 616  
 Delta R.T. -0.00 min  
 Lab File: BF080559.D  
 Acq: 22 Jul 2015 16:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 69.9  | 62.6  | 93.8  |
| 179     | 18.0  | 18.0  | 27.0  |
| 108     | 15.7  | 15.9  | 23.9  |

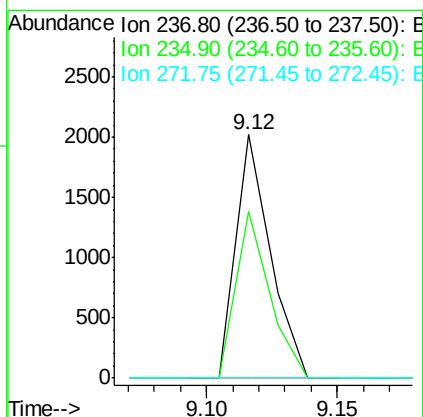
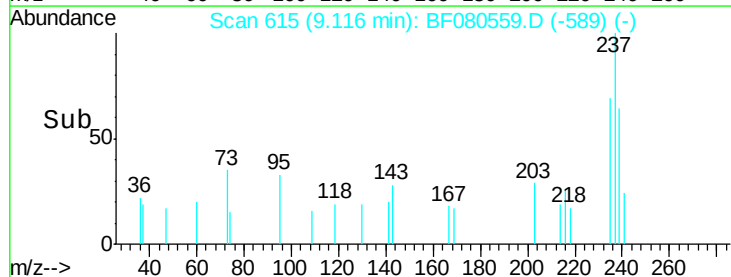
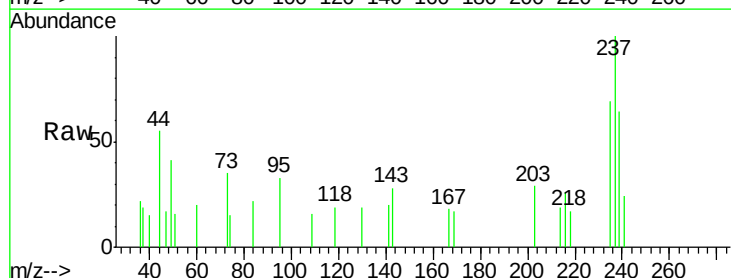
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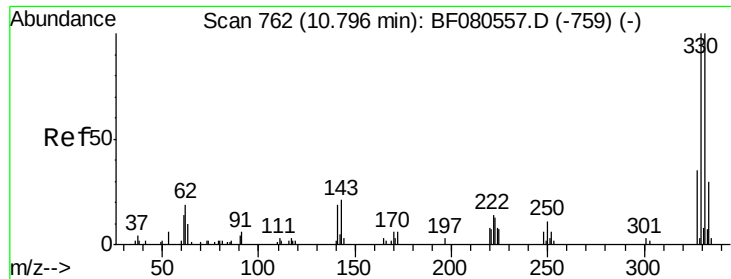
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#40  
 Hexachlorocyclopentadiene  
 Concen: 2.29 ng  
 RT: 9.12 min Scan# 615  
 Delta R.T. -0.00 min  
 Lab File: BF080559.D  
 Acq: 22 Jul 2015 16:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 68.6  | 47.3  | 87.3  |
| 272     | 0.0   | 0.0   | 31.5  |





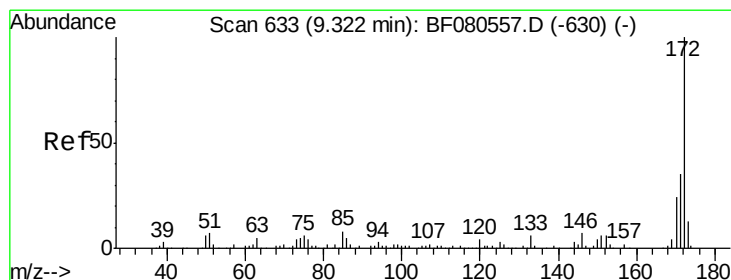
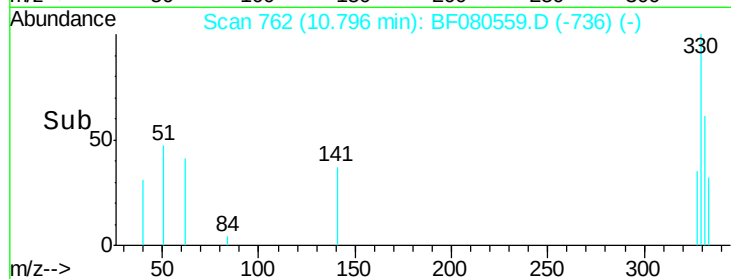
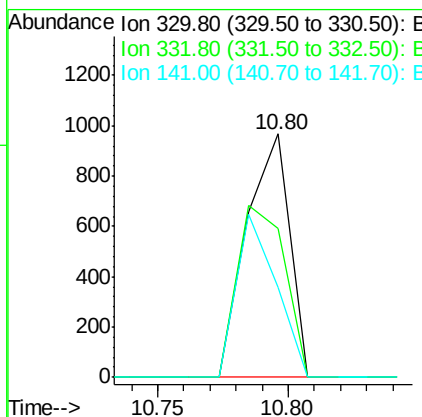
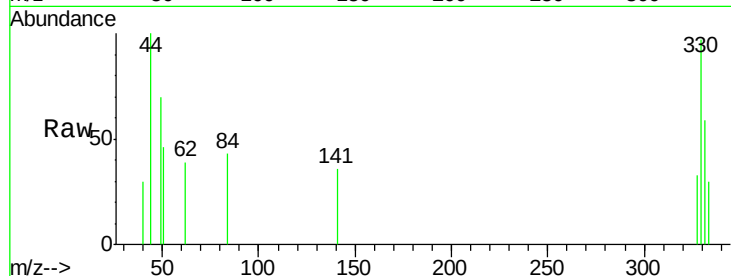
#41  
 2,4,6-Tribromophenol  
 Concen: 2.37 ng  
 RT: 10.80 min Scan# 762  
 Delta R.T. -0.00 min  
 Lab File: BF080559.D  
 Acq: 22 Jul 2015 16:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 78.7  | 78.3  | 117.5 |
| 141     | 61.9  | 37.9  | 56.9# |

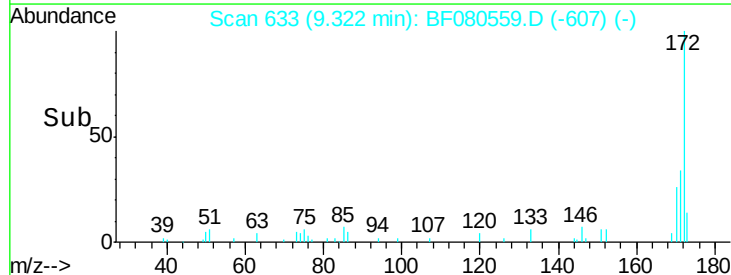
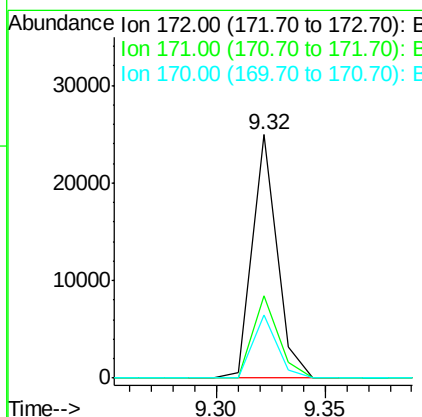
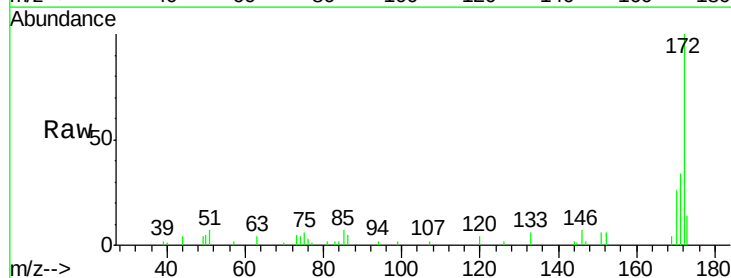
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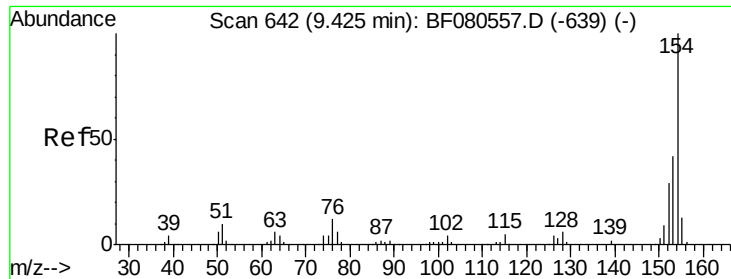
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#44  
 2-Fluorobiphenyl  
 Concen: 5.08 ng  
 RT: 9.32 min Scan# 633  
 Delta R.T. -0.00 min  
 Lab File: BF080559.D  
 Acq: 22 Jul 2015 16:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 33.8  | 27.7  | 41.5  |
| 170     | 25.7  | 19.1  | 28.7  |





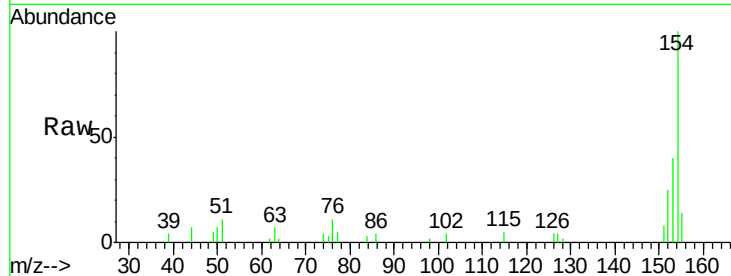
#45  
 1,1'-Biphenyl  
 Concen: 2.69 ng  
 RT: 9.42 min Scan# 642  
 Delta R.T. -0.00 min  
 Lab File: BF080559.D  
 Acq: 22 Jul 2015 16:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

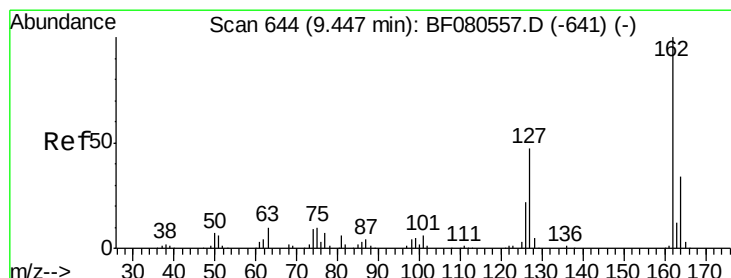
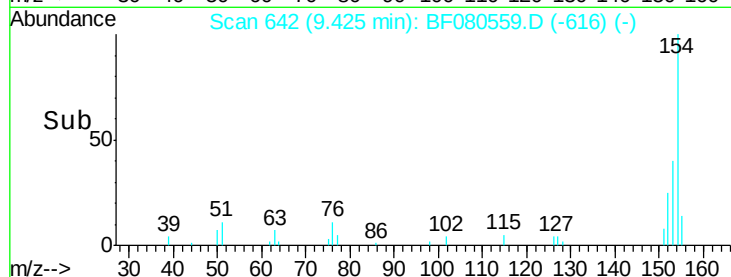
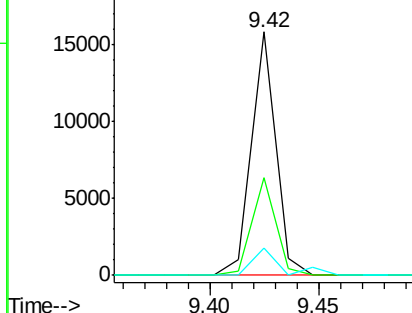
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 12318 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 40.3  | 21.8  | 61.8  |
| 76        | 11.3  | 0.0   | 32.1  |

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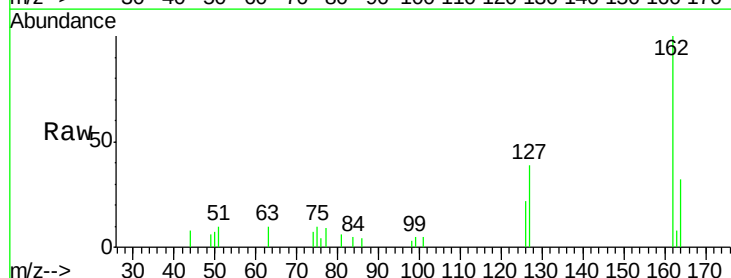


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

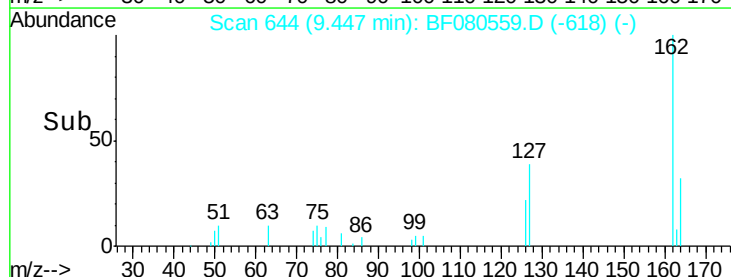
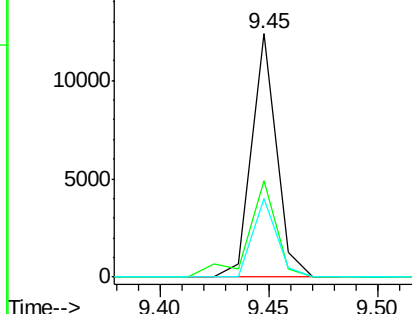


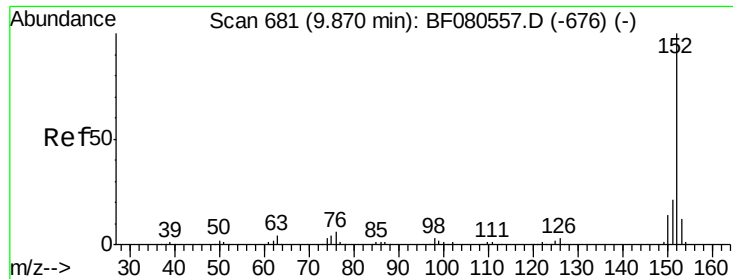
#46  
 2-Chloronaphthalene  
 Concen: 2.91 ng  
 RT: 9.45 min Scan# 644  
 Delta R.T. -0.00 min  
 Lab File: BF080559.D  
 Acq: 22 Jul 2015 16:15

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 162   | Resp: | 9827 |
| Ion Ratio | Lower | Upper |      |
| 162       | 100   |       |      |
| 127       | 39.4  | 37.6  | 56.4 |
| 164       | 32.4  | 27.4  | 41.0 |



Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E





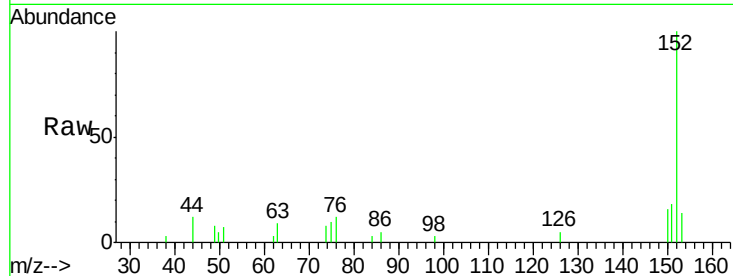
#48  
Acenaphthylene  
Concen: 2.24 ng  
RT: 9.86 min Scan# 680  
Delta R.T. -0.01 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

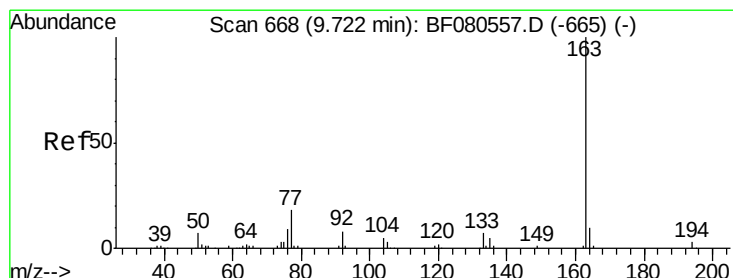
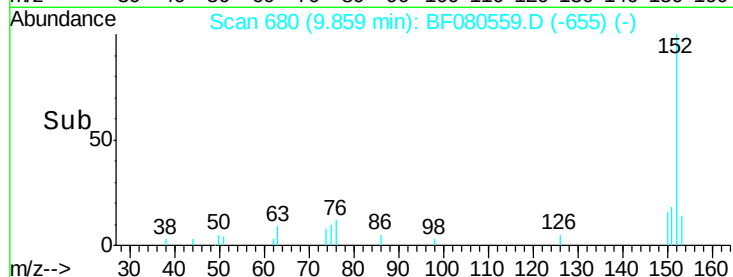
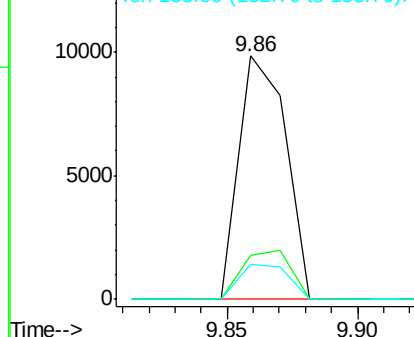
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 12397 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 18.2  | 16.4  | 24.6  |
| 153       | 14.3  | 9.7   | 14.5  |

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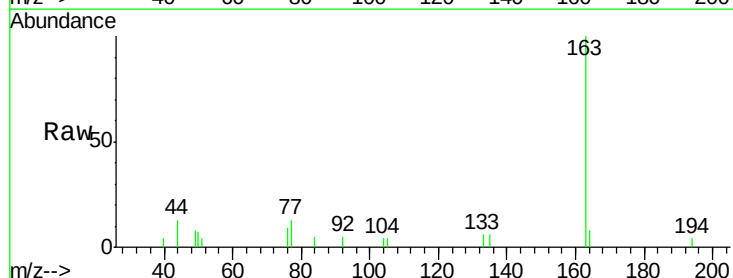


Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E

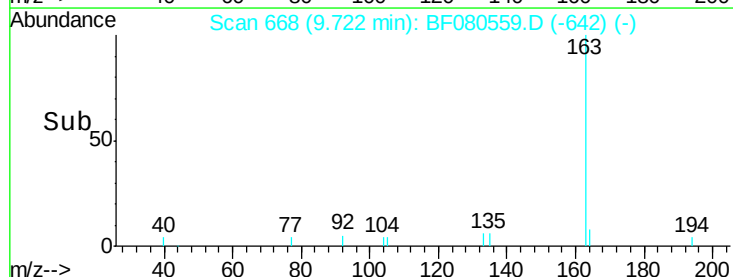
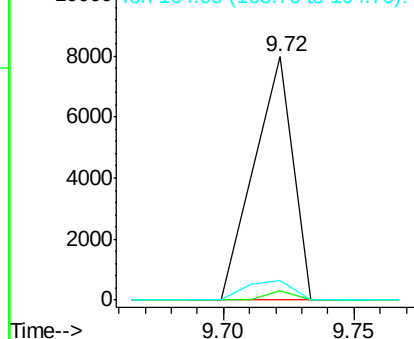


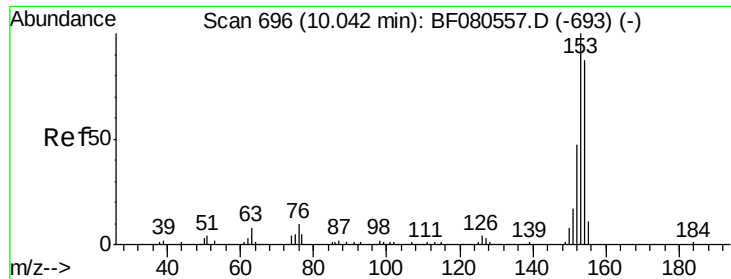
#49  
Dimethylphthalate  
Concen: 2.22 ng  
RT: 9.72 min Scan# 668  
Delta R.T. -0.00 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 163   | Resp: | 8203 |
| Ion Ratio | Lower | Upper |      |
| 163       | 100   |       |      |
| 194       | 3.8   | 2.5   | 3.7# |
| 164       | 8.3   | 8.1   | 12.1 |



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 2.12 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF080559.D

Acq: 22 Jul 2015 16:15

Instrument :

BNA\_F

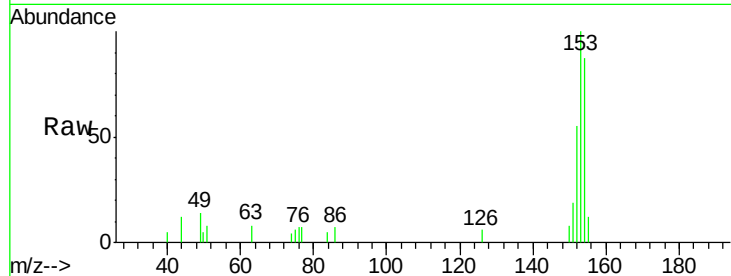
ClientSampleId :

SSTDICC2.5

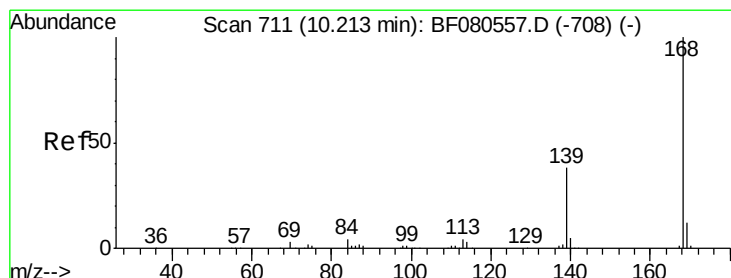
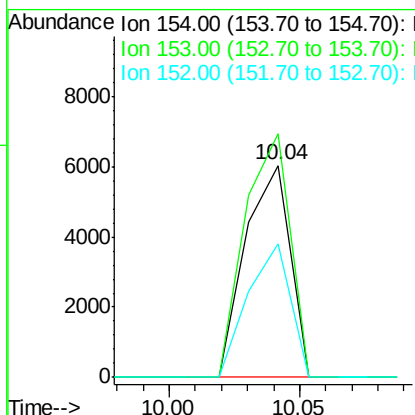
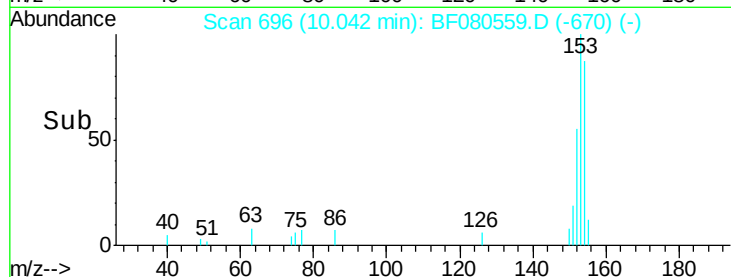
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 7178  |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 114.8 | 92.2  | 138.2 |
| 152       | 62.7  | 43.6  | 65.4  |

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.25 ng

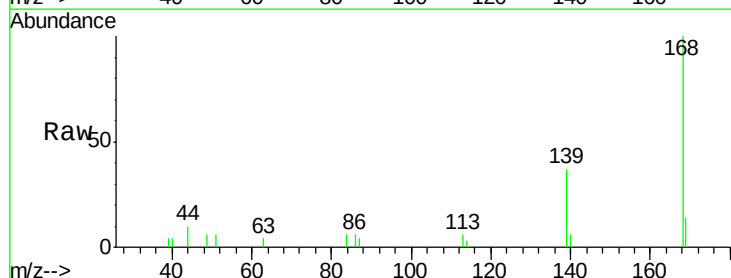
RT: 10.21 min Scan# 711

Delta R.T. -0.00 min

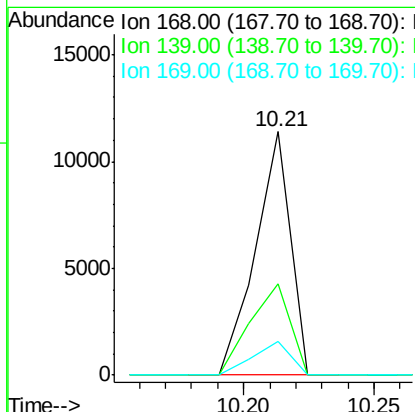
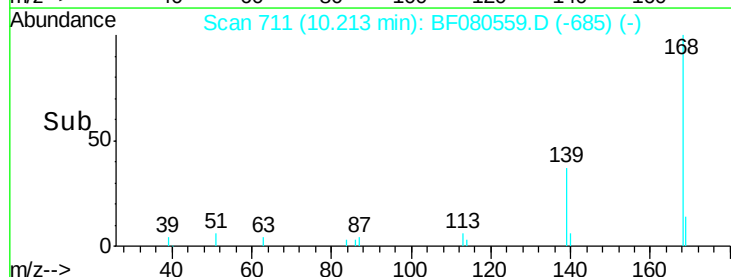
Lab File: BF080559.D

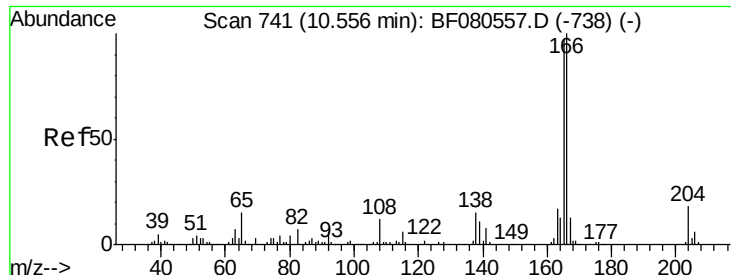
Acq: 22 Jul 2015 16:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 168   | Resp: | 10693 |
| Ion Ratio | Lower | Upper |       |
| 168       | 100   |       |       |
| 139       | 37.5  | 30.7  | 46.1  |
| 169       | 13.7  | 9.8   | 14.8  |



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 2.31 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF080559.D

Acq: 22 Jul 2015 16:15

Instrument :

BNA\_F

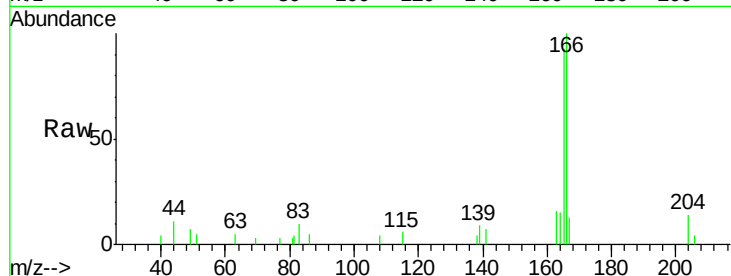
ClientSampleId :

SSTDICC2.5

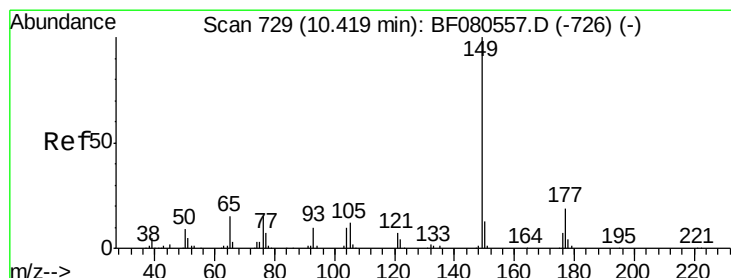
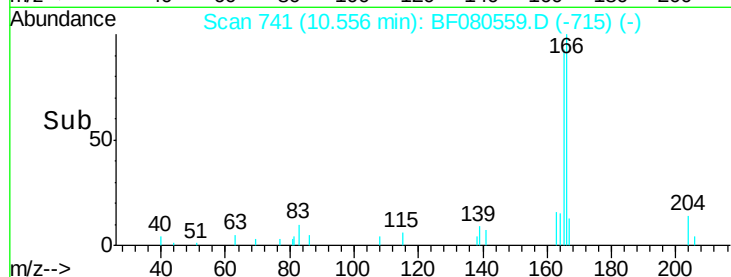
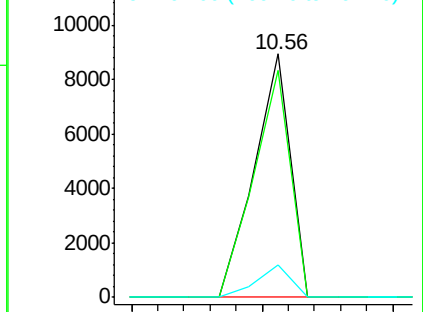
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 166   | Resp: | 8686  |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 93.3  | 77.7  | 116.5 |
| 167       | 13.3  | 10.5  | 15.7  |

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Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 2.32 ng

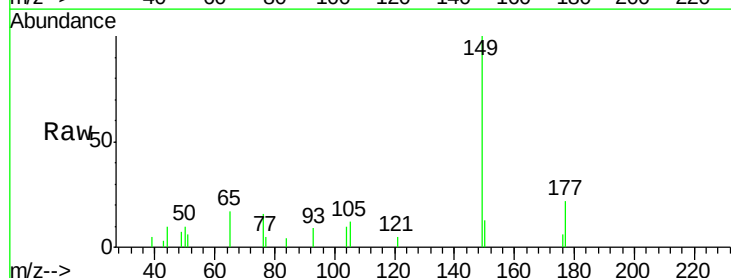
RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

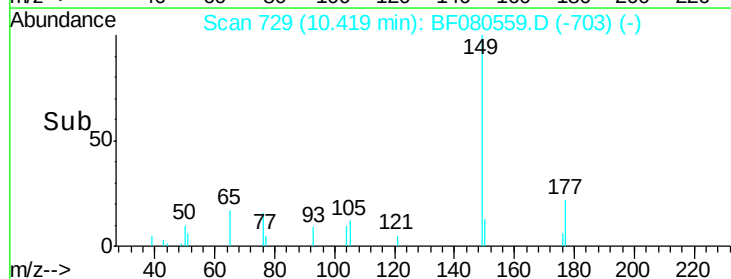
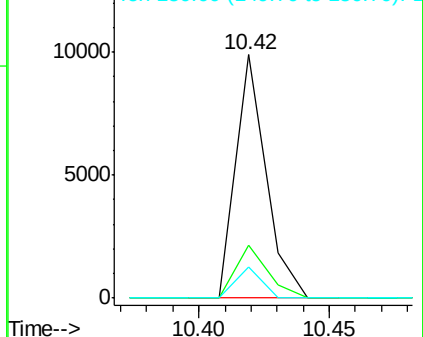
Lab File: BF080559.D

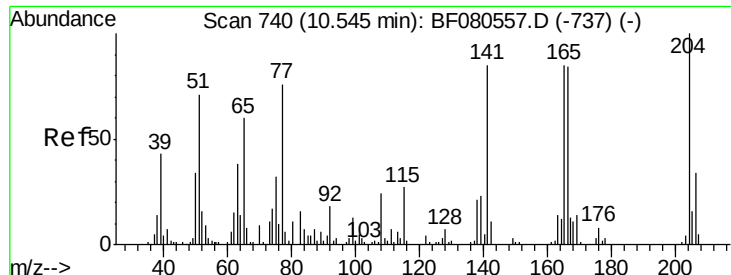
Acq: 22 Jul 2015 16:15

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 8053 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 177       | 21.6  | 14.9  | 22.3 |
| 150       | 12.8  | 10.0  | 15.0 |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 2.51 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF080559.D

Acq: 22 Jul 2015 16:15

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

Tgt Ion: 204 Resp: 4192

Ion Ratio Lower Upper

204 100

206 35.2 27.1 40.7

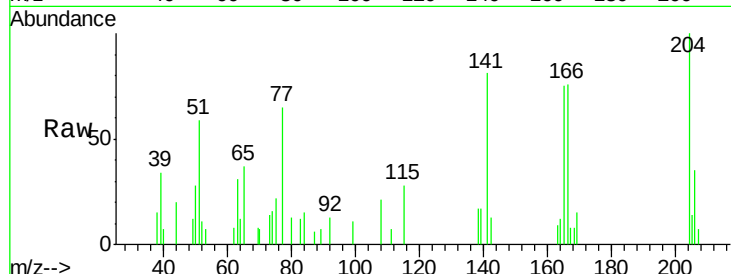
141 81.5 68.3 102.5

Manual Integrations

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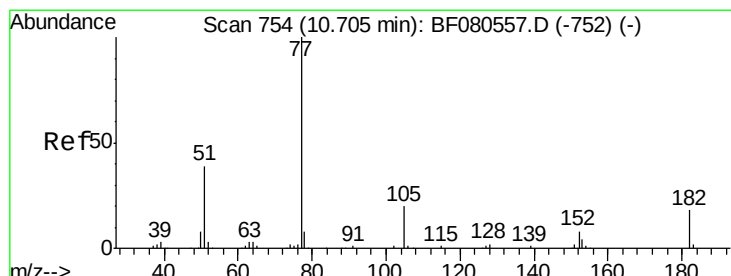
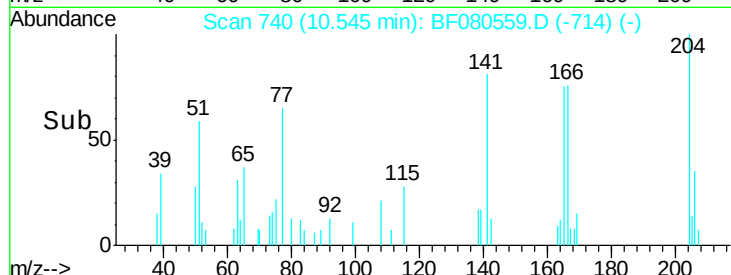
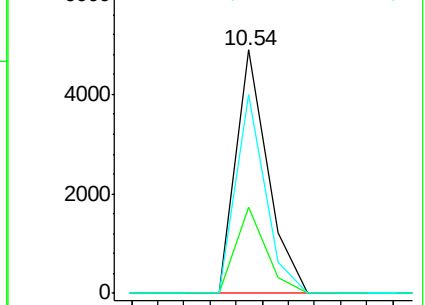
7/23/2015 11:50:19 AM



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

Azobenzene

Concen: 2.41 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF080559.D

Acq: 22 Jul 2015 16:15

Tgt Ion: 77 Resp: 8619

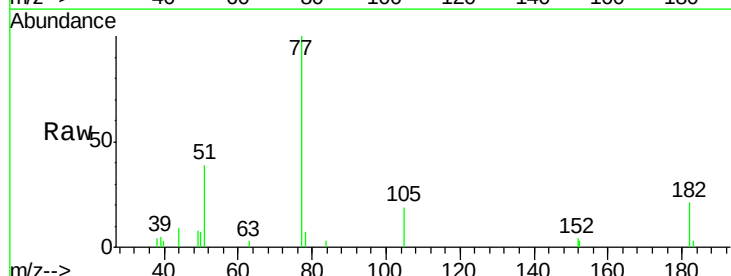
Ion Ratio Lower Upper

77 100

182 20.7 0.0 37.8

105 18.8 0.1 40.1

51 39.5 18.8 58.8

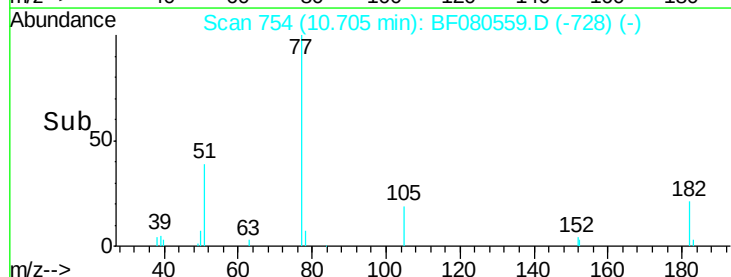
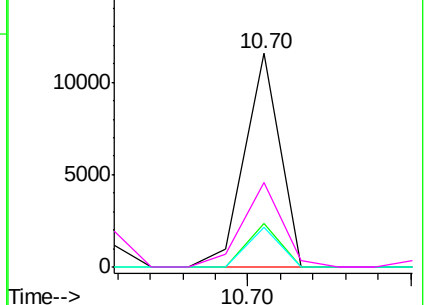


Abundance Ion 77.00 (76.70 to 77.70): BF0

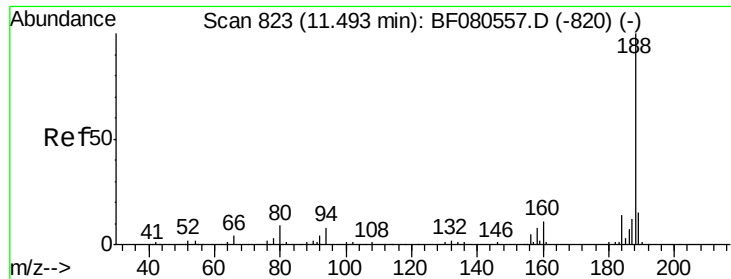
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0







#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF080559.D

Acq: 22 Jul 2015 16:15

Instrument :

BNA\_F

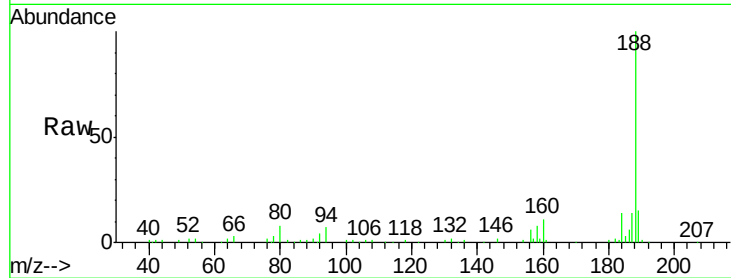
ClientSampleId :

SSTDICC2.5

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 97075 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 7.5   | 6.1   | 9.1   |
| 80        | 8.0   | 7.0   | 10.6  |

Manual Integrations  
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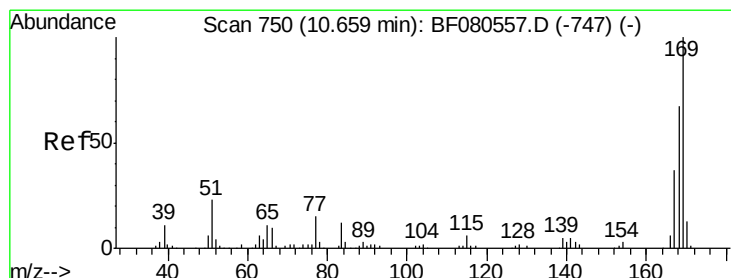
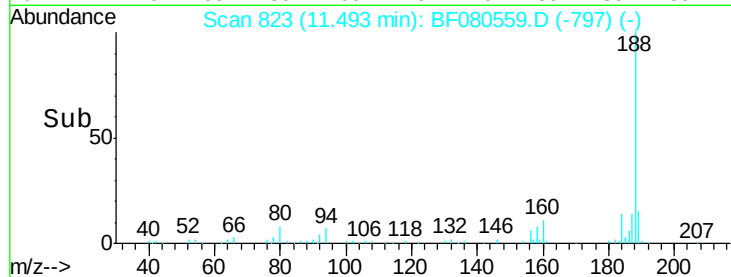
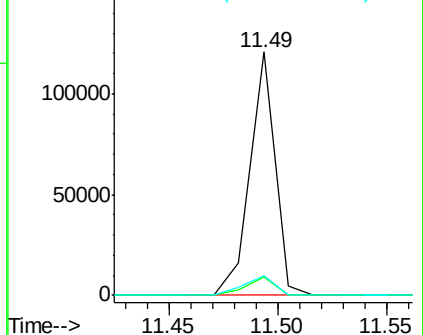
apatel  
7/23/2015 11:50:19 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#65

n-Nitrosodiphenylamine

Concen: 2.31 ng

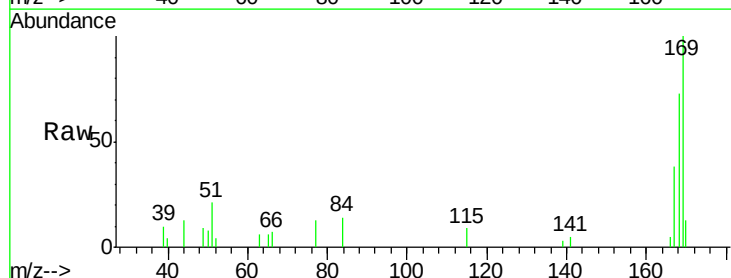
RT: 10.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF080559.D

Acq: 22 Jul 2015 16:15

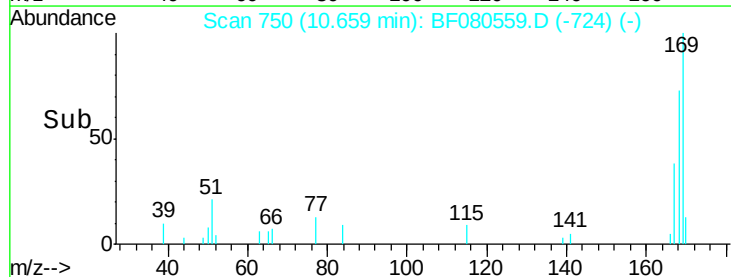
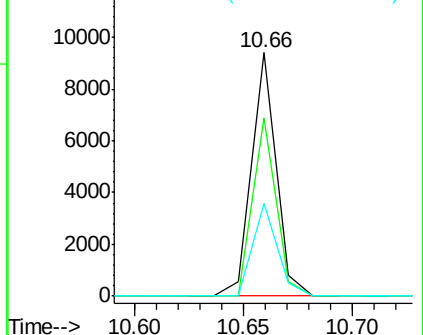
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 169   | Resp: | 7383 |
| Ion Ratio | Lower | Upper |      |
| 169       | 100   |       |      |
| 168       | 73.2  | 53.3  | 79.9 |
| 167       | 38.1  | 29.8  | 44.6 |

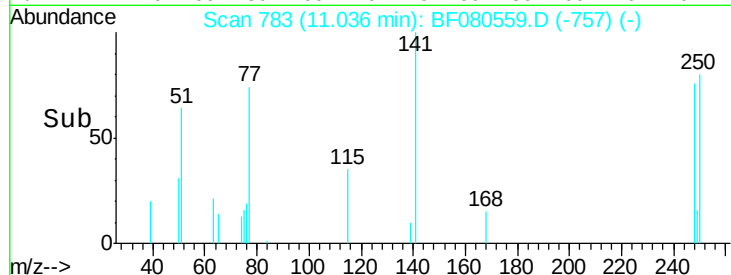
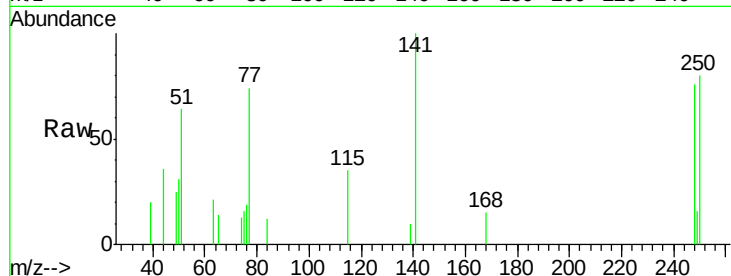
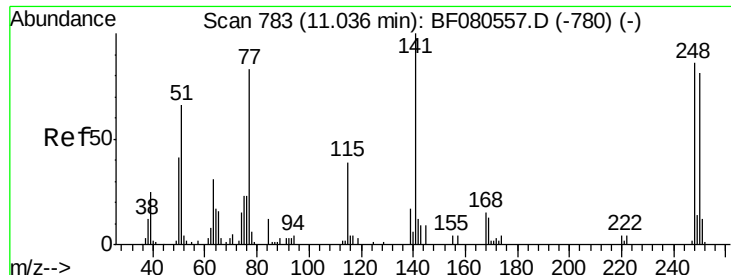


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





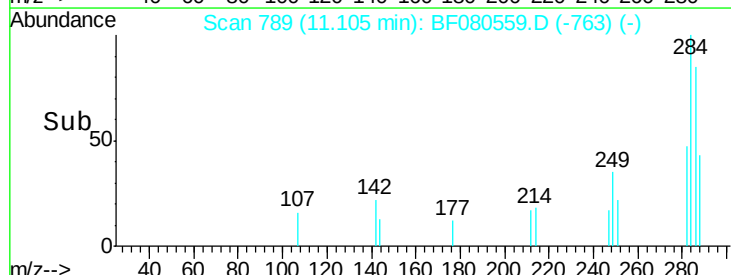
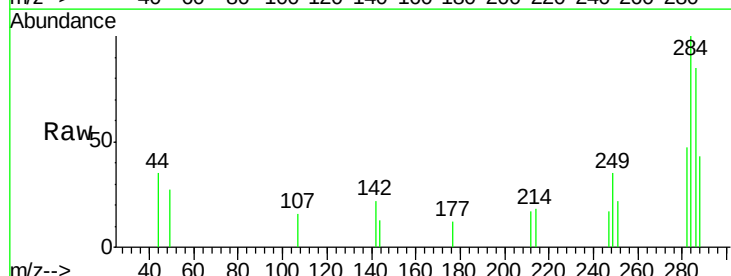
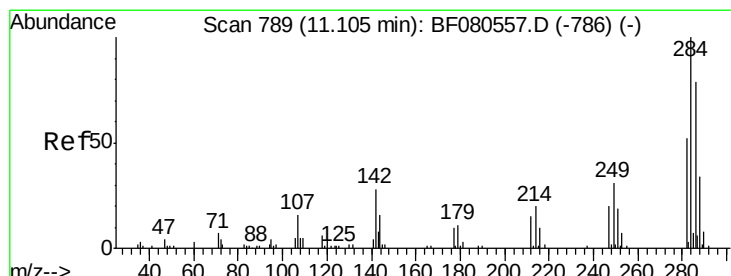
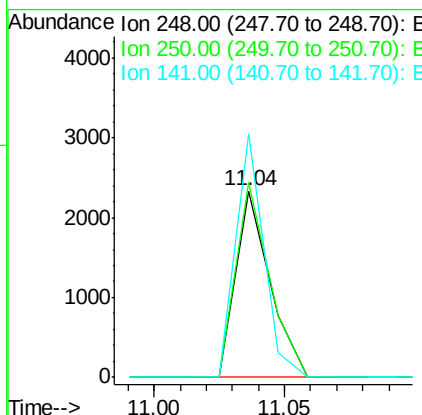
#66  
4-Bromophenyl-phenylether  
Concen: 2.36 ng  
RT: 11.04 min Scan# 783  
Delta R.T. -0.00 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 105.0 | 75.4  | 113.2 |
| 141     | 130.8 | 93.4  | 140.0 |

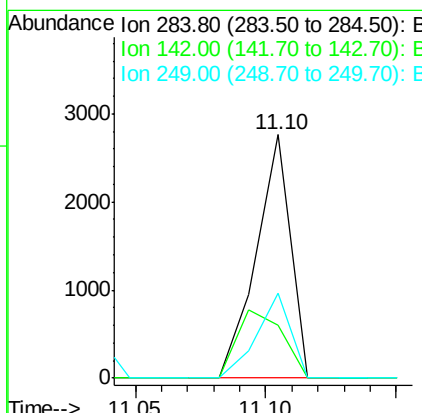
Manual Integrations  
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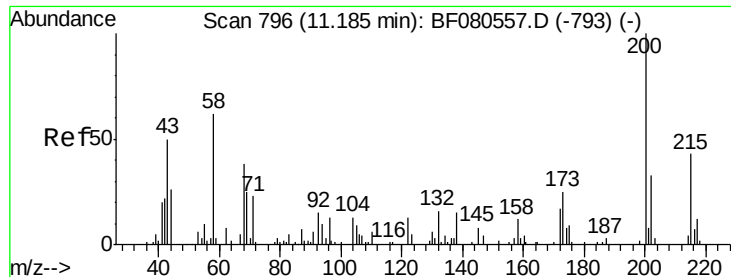
apatel  
7/23/2015 11:50:19 AM



#67  
Hexachlorobenzene  
Concen: 2.37 ng  
RT: 11.10 min Scan# 789  
Delta R.T. -0.00 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 22.0  | 22.4  | 33.6# |
| 249     | 35.0  | 25.0  | 37.4  |





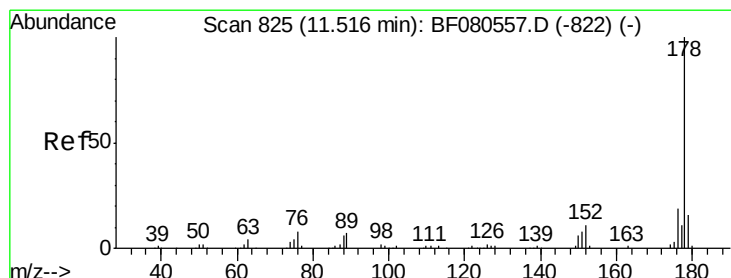
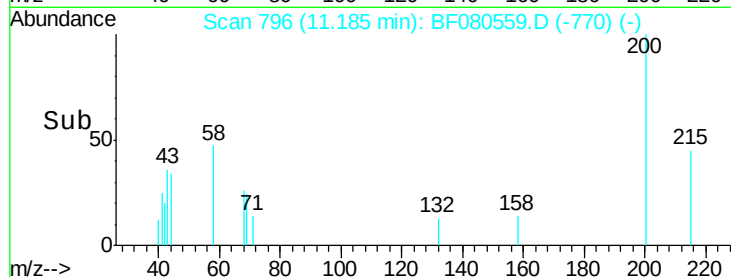
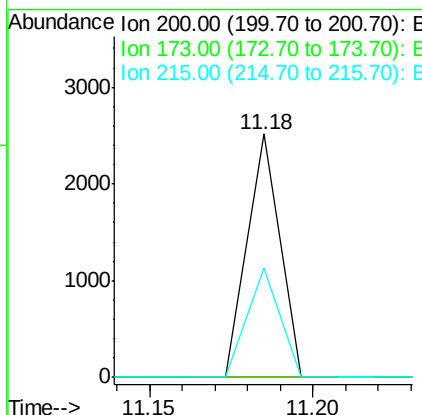
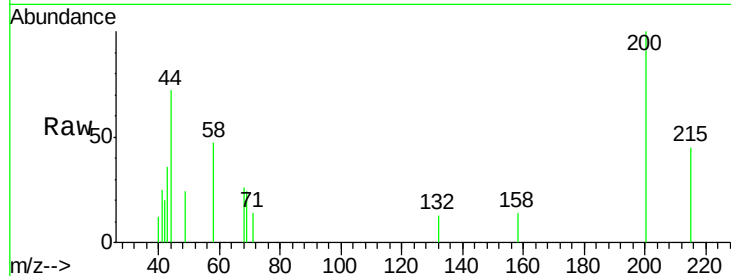
#68  
Atrazine  
Concen: 2.18 ng  
RT: 11.18 min Scan# 796  
Delta R.T. -0.00 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 0.0   | 4.6   | 44.6# |
| 215     | 45.1  | 22.9  | 62.9  |

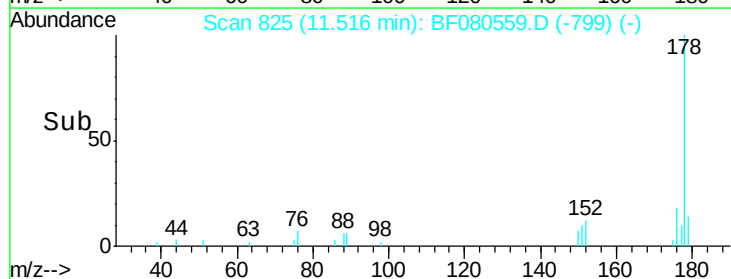
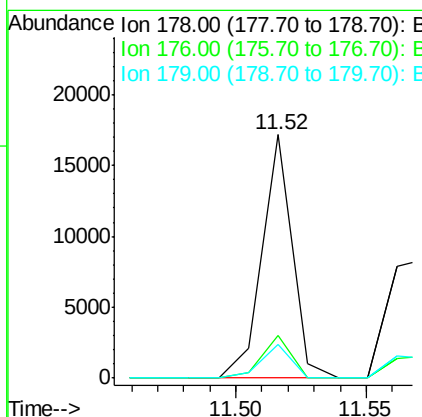
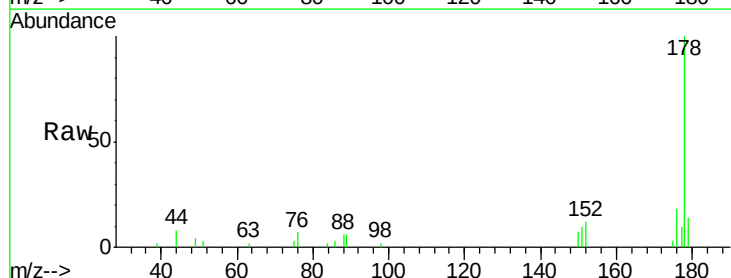
Manual Integrations  
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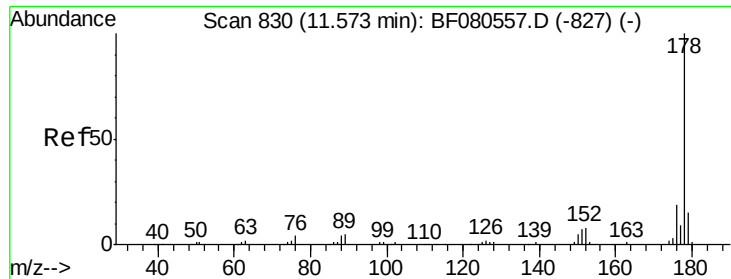
apatel  
7/23/2015 11:50:19 AM



#70  
Phenanthrene  
Concen: 2.62 ng  
RT: 11.52 min Scan# 825  
Delta R.T. -0.00 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 17.7  | 15.2  | 22.8  |
| 179     | 13.7  | 12.5  | 18.7  |





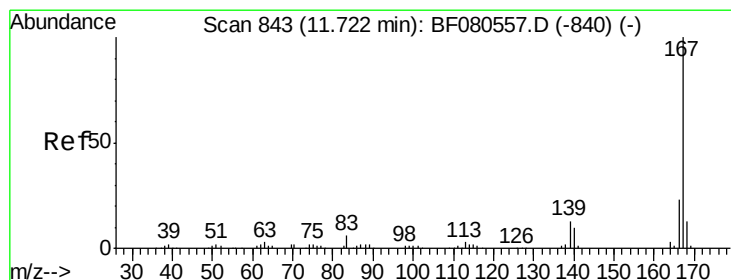
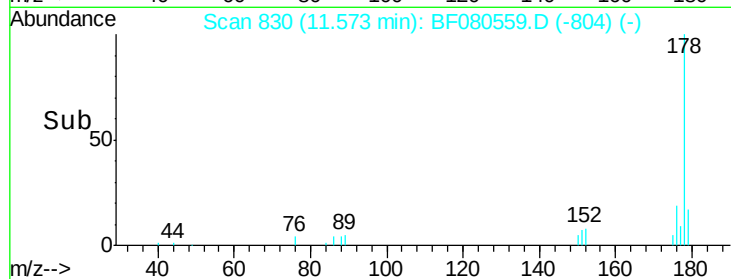
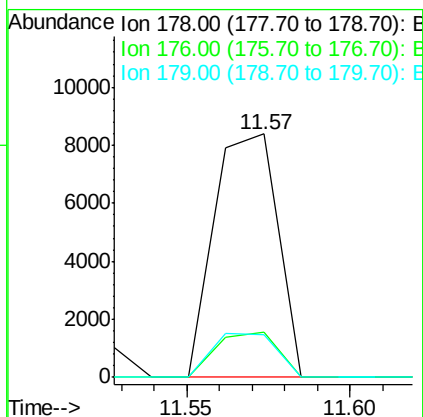
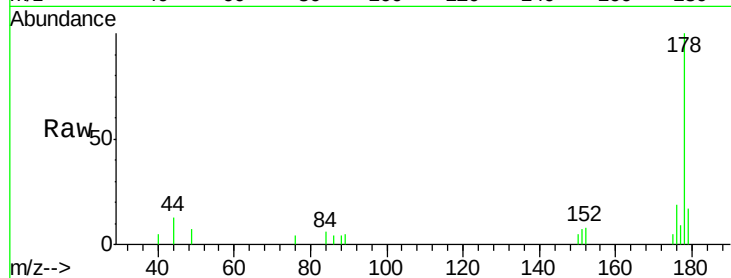
#71  
 Anthracene  
 Concen: 2.15 ng  
 RT: 11.57 min Scan# 830  
 Delta R.T. -0.00 min  
 Lab File: BF080559.D  
 Acq: 22 Jul 2015 16:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.6  | 15.1  | 22.7  |
| 179     | 17.3  | 12.0  | 18.0  |

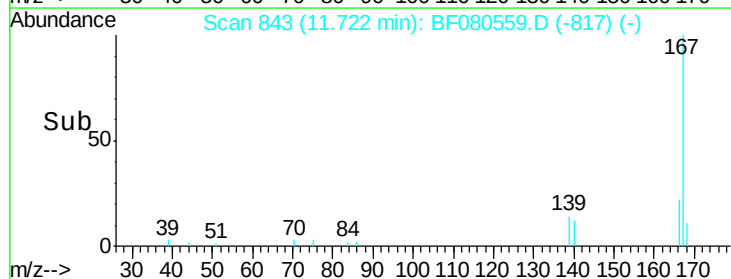
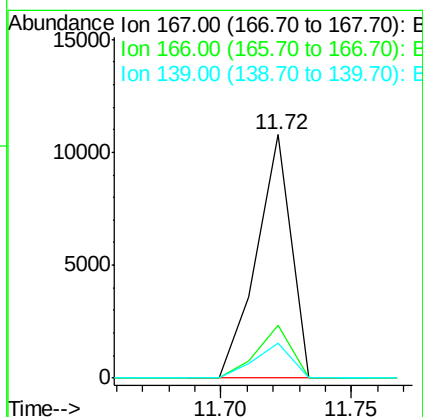
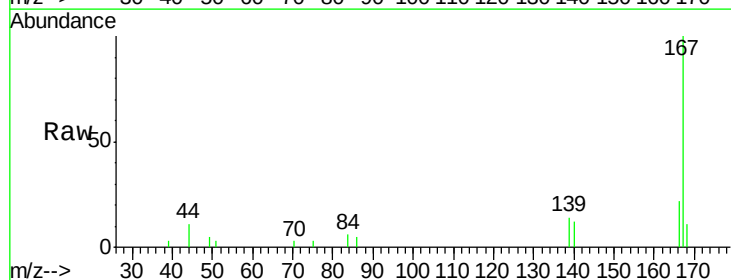
Manual Integrations  
 APPROVED

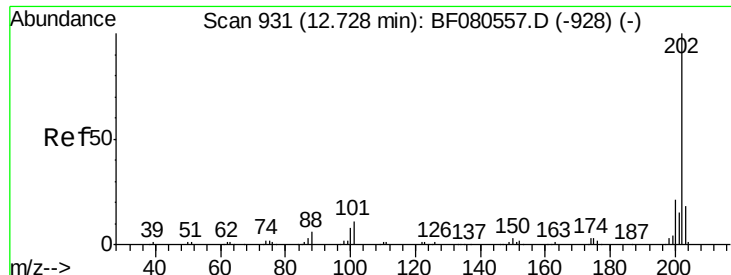
apatel  
 7/23/2015 11:50:19 AM



#72  
 Carbazole  
 Concen: 2.11 ng  
 RT: 11.72 min Scan# 843  
 Delta R.T. -0.00 min  
 Lab File: BF080559.D  
 Acq: 22 Jul 2015 16:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.9  | 18.1  | 27.1  |
| 139     | 14.2  | 10.7  | 16.1  |





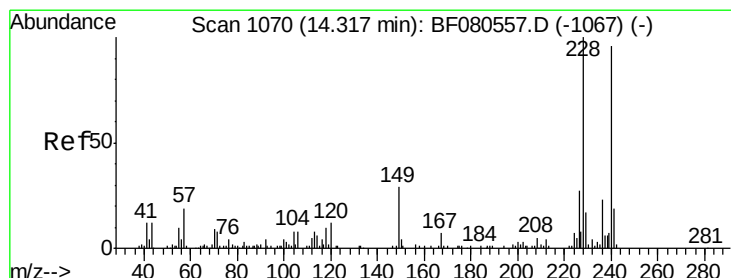
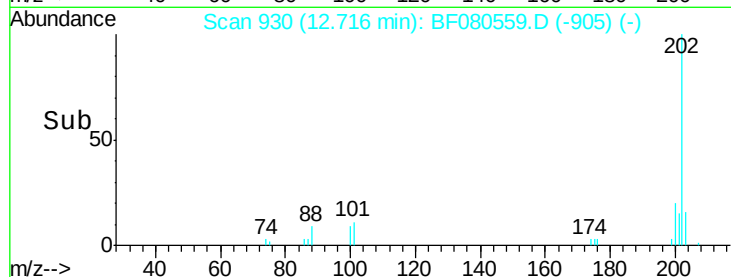
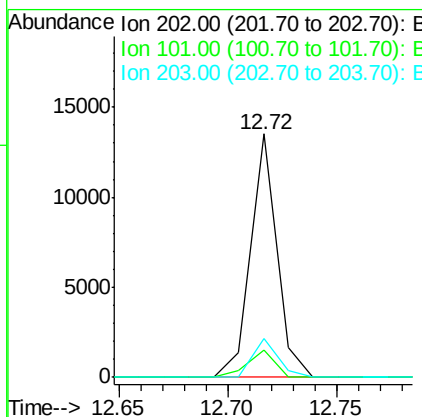
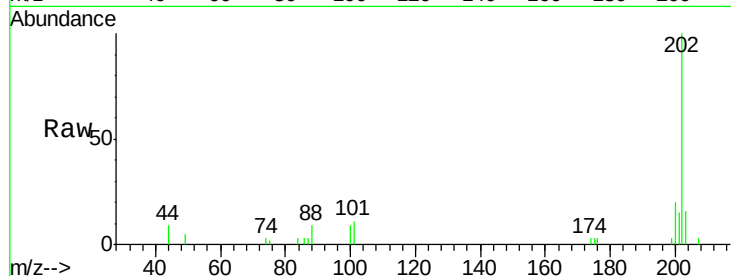
#74  
 Fluoranthene  
 Concen: 2.28 ng  
 RT: 12.72 min Scan# 930  
 Delta R.T. -0.01 min  
 Lab File: BF080559.D  
 Acq: 22 Jul 2015 16:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 11.1  | 0.0        | 31.1  |
| 203     | 15.7  | 0.0        | 37.5  |

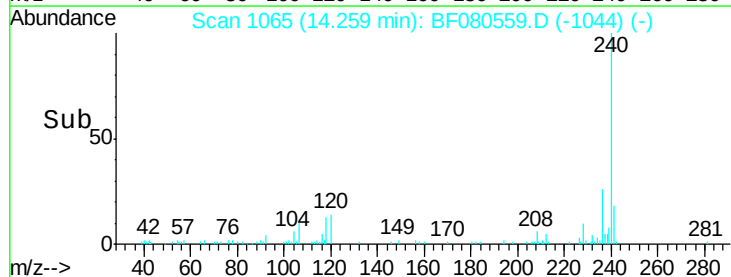
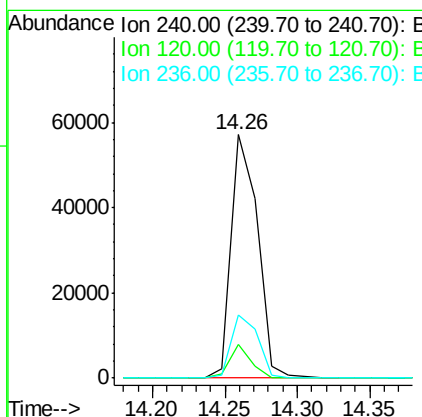
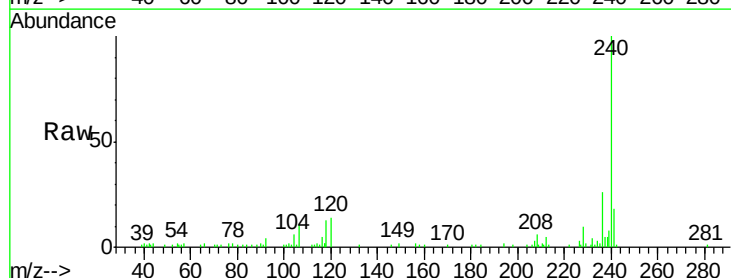
Manual Integrations  
 APPROVED

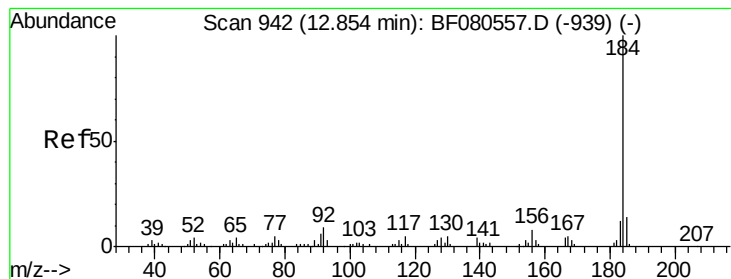
apatel  
 7/23/2015 11:50:19 AM



#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 14.26 min Scan# 1065  
 Delta R.T. -0.06 min  
 Lab File: BF080559.D  
 Acq: 22 Jul 2015 16:15

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 13.7  | 9.9        | 14.9  |
| 236     | 25.7  | 19.1       | 28.7  |





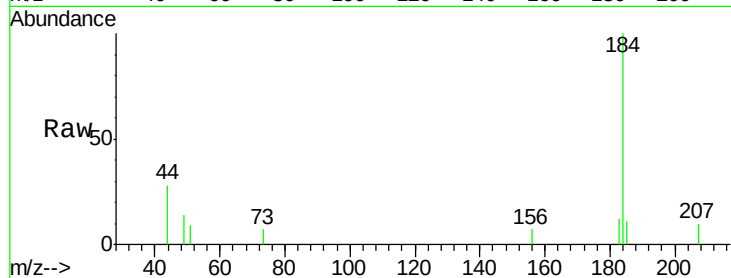
#76  
Benzidine  
Concen: 2.15 ng  
RT: 12.84 min Scan# 941  
Delta R.T. -0.01 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

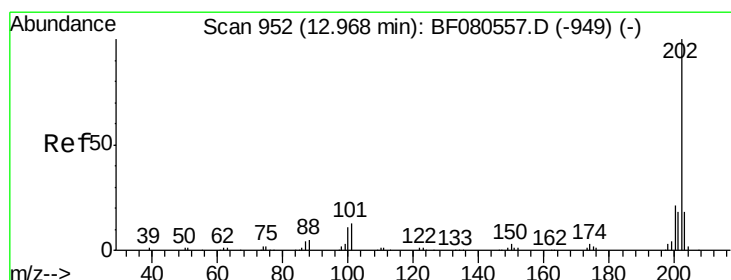
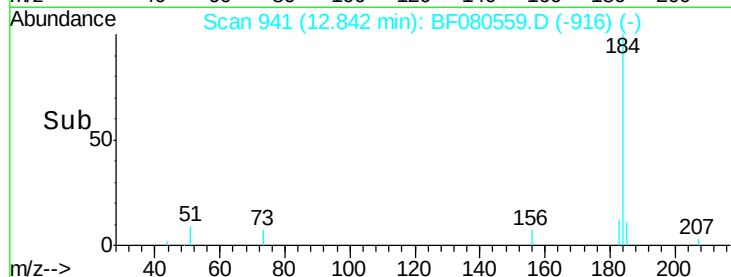
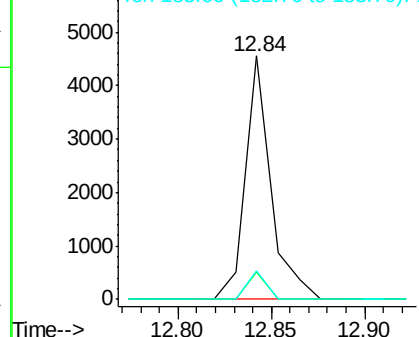
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 11.4  | 11.2  | 16.8  |
| 183     | 11.6  | 9.6   | 14.4  |

Manual Integrations  
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apatel  
7/23/2015 11:50:19 AM

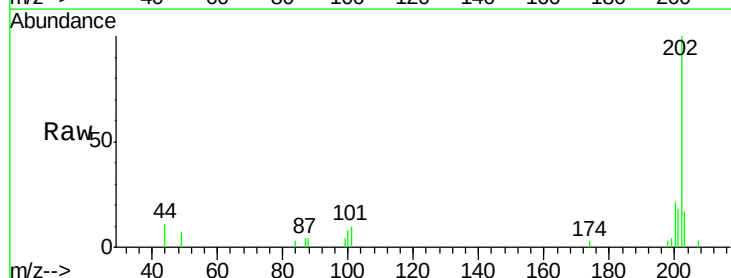


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E

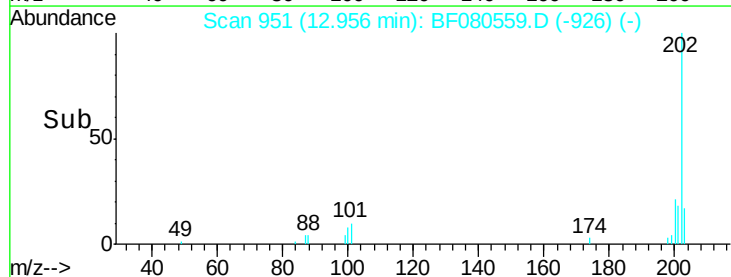
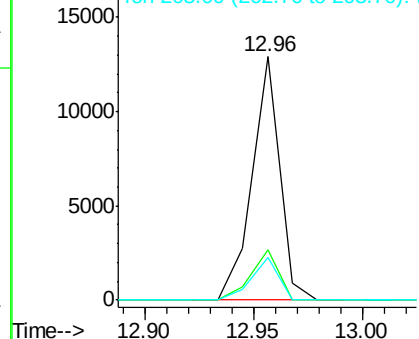


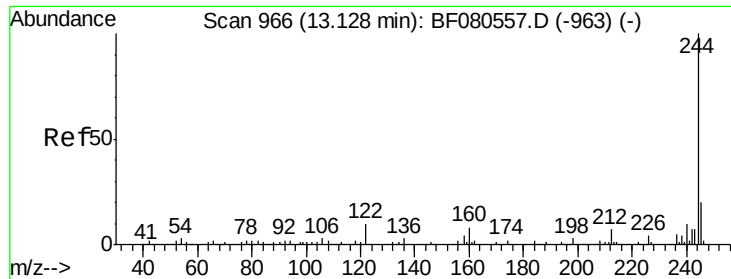
#77  
Pyrene  
Concen: 2.38 ng  
RT: 12.96 min Scan# 951  
Delta R.T. -0.01 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.8  | 16.9  | 25.3  |
| 203     | 17.4  | 14.5  | 21.7  |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





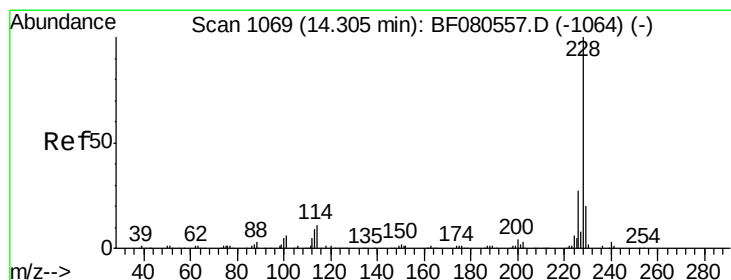
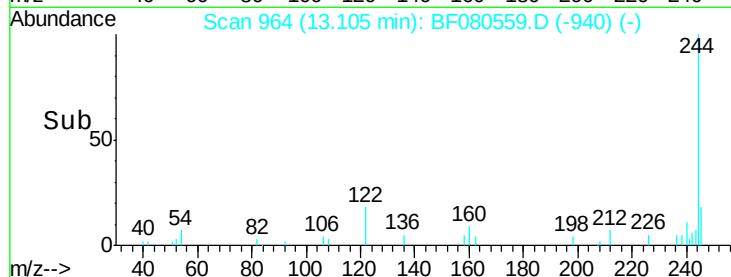
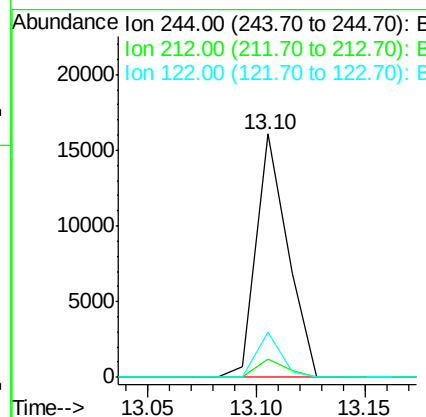
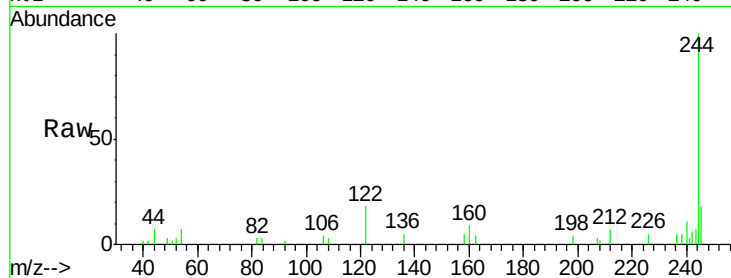
#78  
 Terphenyl-d14  
 Concen: 4.90 ng  
 RT: 13.10 min Scan# 964  
 Delta R.T. -0.02 min  
 Lab File: BF080559.D  
 Acq: 22 Jul 2015 16:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 244     | 100   |            |            |
| 212     | 7.5   | 6.0        | 9.0        |
| 122     | 18.4  | 8.2        | 12.2       |

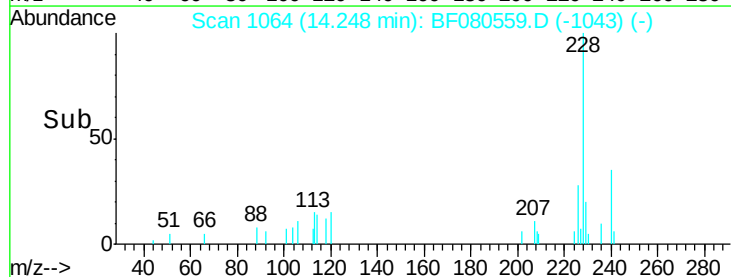
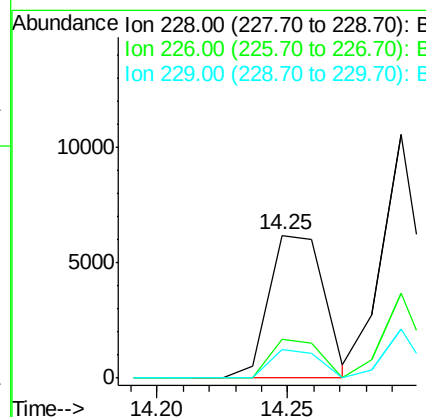
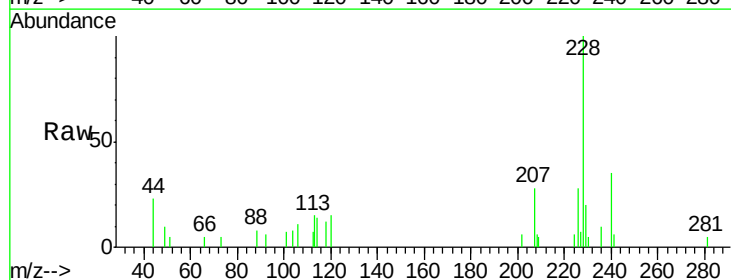
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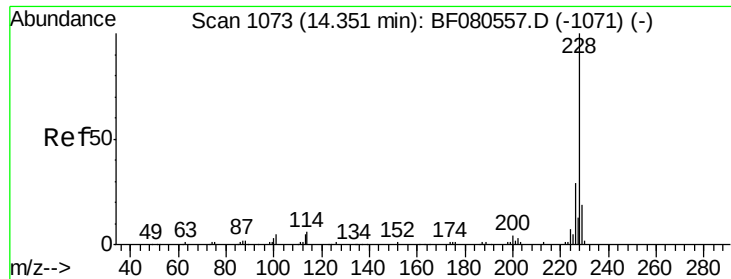
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#80  
 Benzo(a)anthracene  
 Concen: 2.23 ng  
 RT: 14.25 min Scan# 1064  
 Delta R.T. -0.06 min  
 Lab File: BF080559.D  
 Acq: 22 Jul 2015 16:15

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 27.5  | 22.0       | 33.0       |
| 229     | 19.6  | 15.7       | 23.5       |





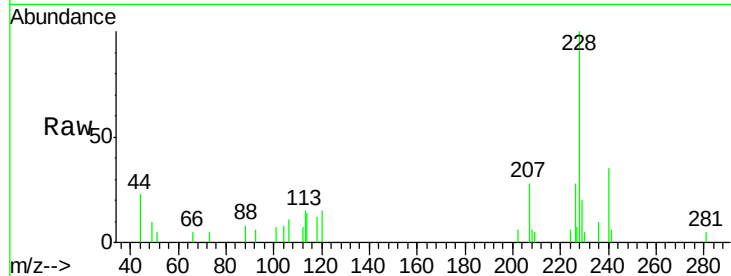
#82  
Chrysene  
Concen: 2.21 ng  
RT: 14.25 min Scan# 1064  
Delta R.T. -0.10 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

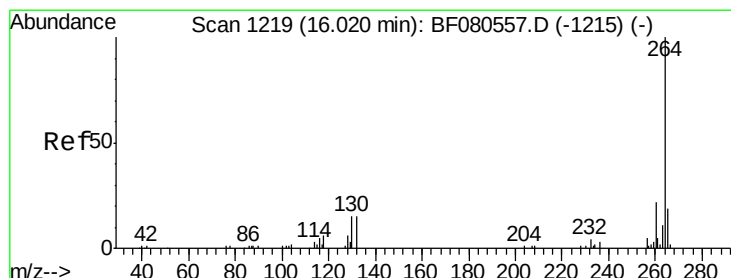
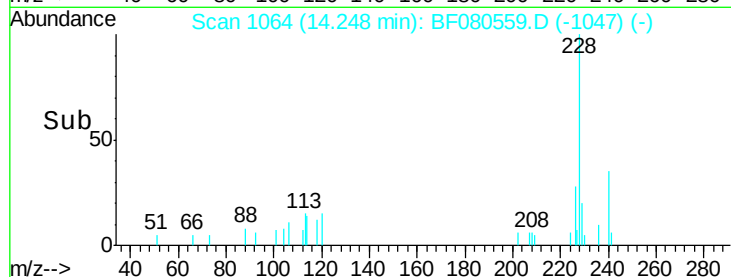
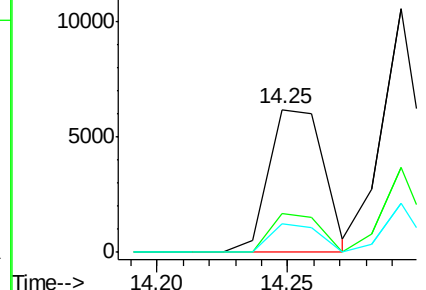
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.5  | 23.0  | 34.6  |
| 229     | 19.6  | 15.0  | 22.4  |

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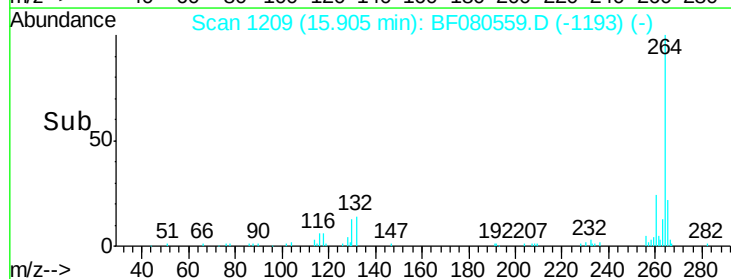
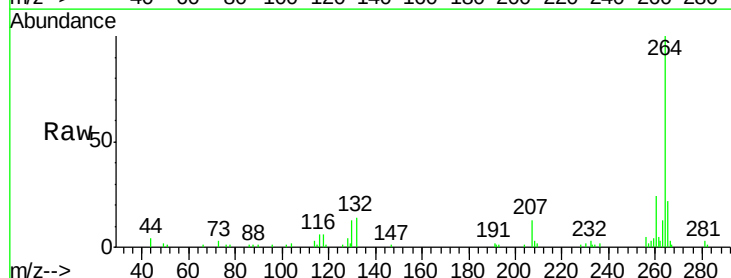
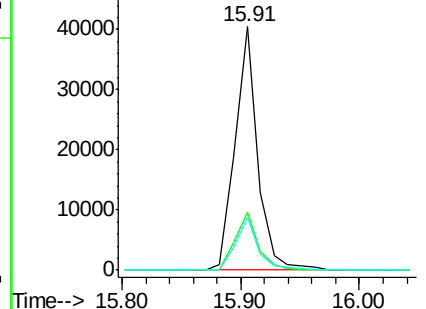
Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



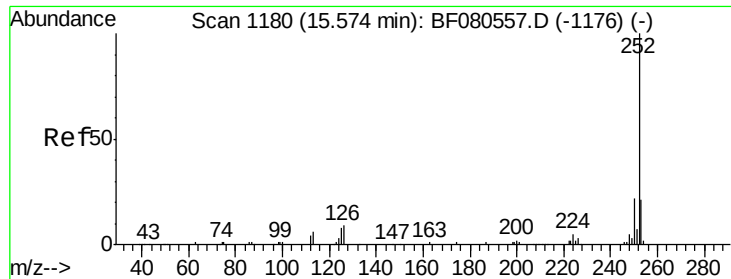
#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.91 min Scan# 1209  
Delta R.T. -0.11 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.8  | 17.8  | 26.8  |
| 265     | 21.7  | 15.6  | 23.4  |

Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E







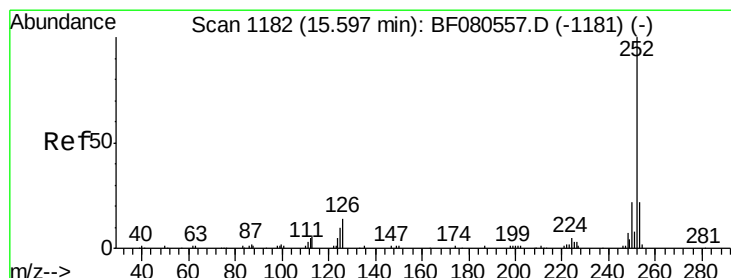
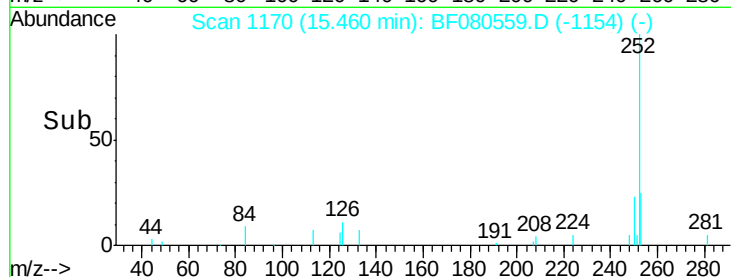
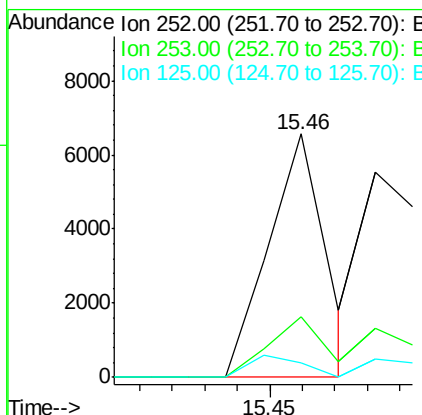
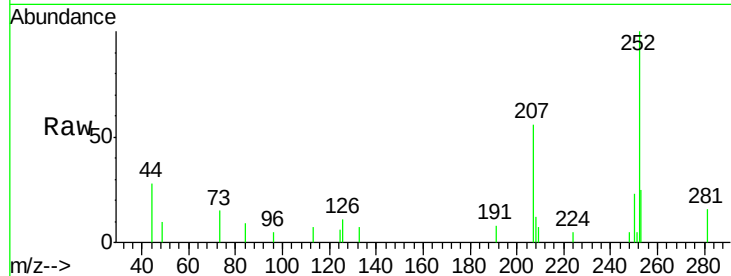
#87  
Benzo(b)fluoranthene  
Concen: 2.38 ng  
RT: 15.46 min Scan# 1170  
Delta R.T. -0.11 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.8  | 16.6  | 25.0  |
| 125     | 5.8   | 6.1   | 9.1#  |

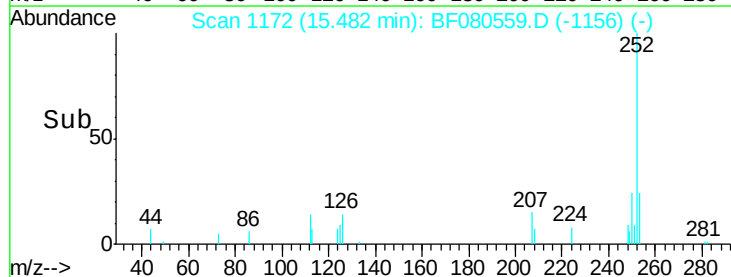
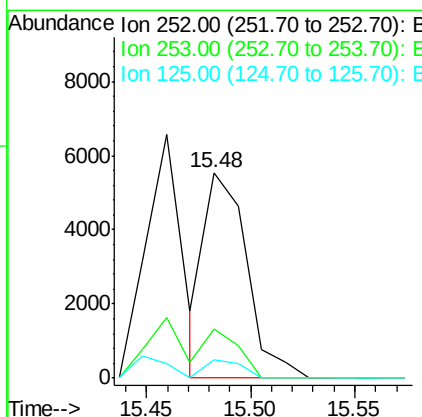
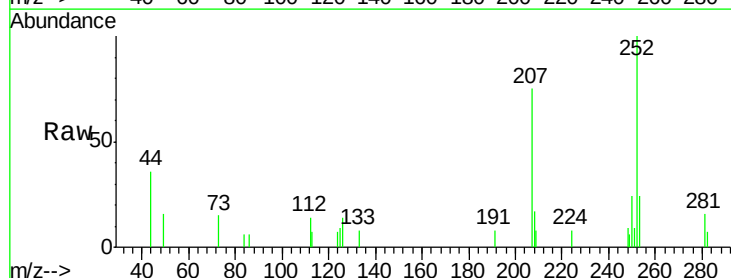
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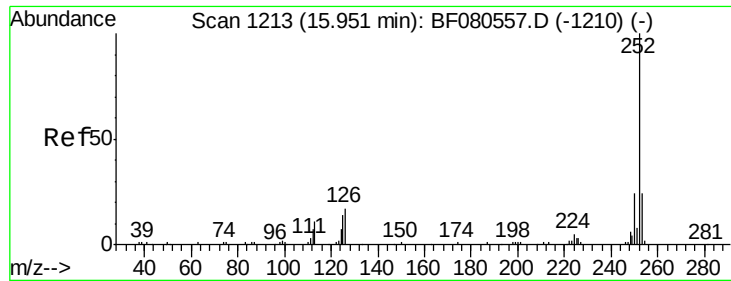
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#88  
Benzo(k)fluoranthene  
Concen: 2.70 ng m  
RT: 15.48 min Scan# 1172  
Delta R.T. -0.11 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.8  | 17.0  | 25.6  |
| 125     | 9.2   | 8.6   | 13.0  |





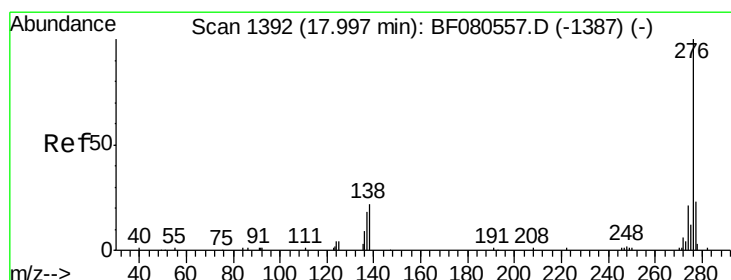
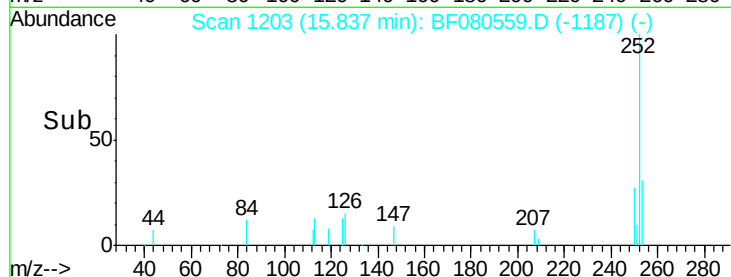
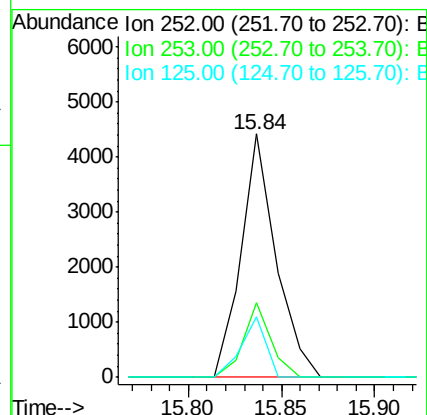
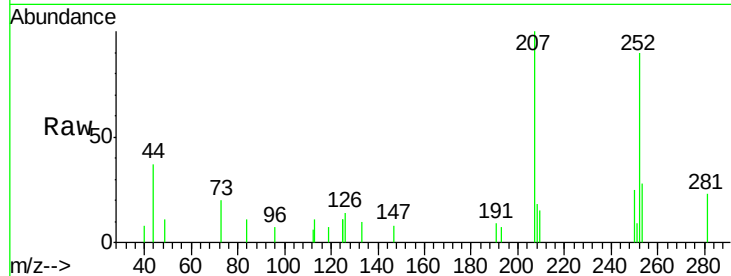
#89  
Benzo(a)pyrene  
Concen: 2.03 ng  
RT: 15.84 min Scan# 1203  
Delta R.T. -0.11 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 30.7  | 19.0  | 28.6# |
| 125     | 24.8  | 11.2  | 16.8# |

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#91  
Benzo(g,h,i)perylene  
Concen: 2.00 ng  
RT: 17.87 min Scan# 1381  
Delta R.T. -0.13 min  
Lab File: BF080559.D  
Acq: 22 Jul 2015 16:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 29.5  | 18.0  | 27.0# |
| 138     | 25.1  | 17.8  | 26.6  |

