

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071715\  
 Data File : BF080542.D  
 Acq On : 17 Jul 2015 19:27  
 Operator : TP/UM  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

apatel  
 7/20/2015 3:44:00 PM

Quant Time: Jul 18 00:11:05 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 17 23:13:23 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.07  | 152  | 43856    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.35  | 136  | 179874   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.11 | 164  | 80500    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.60 | 188  | 142159   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.35 | 240  | 117524   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 16.01 | 264  | 98791    | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.69  | 112 | 228947 | 88.30 | ng | 0.00 |
| 7) Phenol-d6             | 6.70  | 99  | 262216 | 76.05 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.63  | 82  | 228462 | 75.59 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.90 | 330 | 59395  | 92.87 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.42  | 172 | 449544 | 76.51 | ng | 0.00 |
| 78) Terphenyl-d14        | 13.20 | 244 | 423686 | 75.59 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.74 | 88  | 47413  | 38.16 | ng | 100    |
| 3) Pyridine                    | 3.69 | 79  | 92440  | 35.07 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.53 | 42  | 66546  | 41.83 | ng | 100    |
| 6) Aniline                     | 6.74 | 93  | 168612 | 37.95 | ng | 100    |
| 8) 2-Chlorophenol              | 6.85 | 128 | 114504 | 39.98 | ng | 100    |
| 9) Benzaldehyde                | 6.62 | 77  | 70802  | 31.30 | ng | 100    |
| 10) Phenol                     | 6.73 | 94  | 142816 | 38.43 | ng | 100    |
| 11) bis(2-Chloroethyl)ether    | 6.80 | 93  | 100427 | 36.97 | ng | 100    |
| 12) 1,3-Dichlorobenzene        | 7.00 | 146 | 133156 | 37.36 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 7.08 | 146 | 144452 | 38.81 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 7.24 | 146 | 129971 | 39.56 | ng | 100    |
| 15) Benzyl Alcohol             | 7.22 | 79  | 77102  | 32.94 | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 7.33 | 45  | 177884 | 36.77 | ng | 100    |
| 17) 2-Methylphenol             | 7.33 | 107 | 83262  | 36.59 | ng | 100    |
| 18) Hexachloroethane           | 7.58 | 117 | 43289  | 38.99 | ng | 100    |
| 19) n-Nitroso-di-n-propylamine | 7.47 | 70  | 71251  | 34.24 | ng | 100    |
| 20) 3+4-Methylphenols          | 7.48 | 107 | 126790 | 40.72 | ng | 100    |
| 22) Acetophenone               | 7.47 | 105 | 147793 | 37.69 | ng | 100    |
| 24) Nitrobenzene               | 7.65 | 77  | 113475 | 36.87 | ng | 100    |
| 25) Isophorone                 | 7.88 | 82  | 197478 | 37.04 | ng | 100    |
| 26) 2-Nitrophenol              | 7.97 | 139 | 56024  | 41.23 | ng | 100    |
| 27) 2,4-Dimethylphenol         | 8.01 | 122 | 107513 | 41.41 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 8.10 | 93  | 106291 | 34.36 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 8.21 | 162 | 88234  | 38.00 | ng | 100    |
| 30) 1,2,4-Trichlorobenzene     | 8.29 | 180 | 110426 | 40.42 | ng | 100    |
| 31) Naphthalene                | 8.37 | 128 | 353026 | 39.79 | ng | 100    |
| 32) Benzoic acid               | 8.10 | 122 | 42611  | 32.57 | ng | 100    |
| 33) 4-Chloroaniline            | 8.43 | 127 | 142667 | 41.41 | ng | 100    |
| 34) Hexachlorobutadiene        | 8.49 | 225 | 52255  | 34.15 | ng | 100    |
| 35) Caprolactam                | 8.76 | 113 | 19861  | 35.91 | ng | 100    |
| 36) 4-Chloro-3-methylphenol    | 8.91 | 107 | 93824  | 37.83 | ng | 100    |
| 37) 2-Methylnaphthalene        | 9.06 | 142 | 210030 | 39.83 | ng | 100    |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.23 | 216 | 98378  | 38.37 | ng | 100    |
| 40) Hexachlorocyclopentadiene  | 9.22 | 237 | 46754  | 37.60 | ng | 100    |

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 BNA\_F  
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Manual Integrations  
 APPROVED

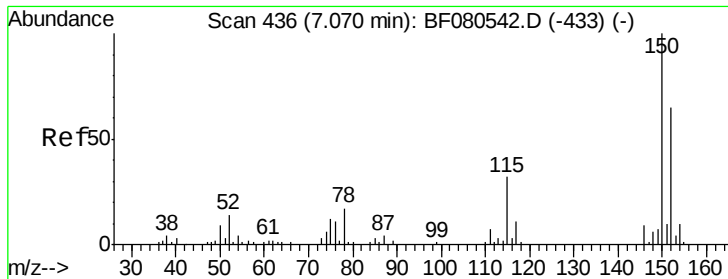
apatel  
 7/20/2015 3:44:00 PM

Quant Time: Jul 18 00:11:05 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071715.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.34  | 196  | 62969    | 40.88 | ng    | 100      |
| 43) 2,4,5-Trichlorophenol      | 9.39  | 196  | 62188    | 38.26 | ng    | 100      |
| 45) 1,1'-Biphenyl              | 9.53  | 154  | 252333   | 38.33 | ng    | 100      |
| 46) 2-Chloronaphthalene        | 9.55  | 162  | 198288   | 40.09 | ng    | 100      |
| 47) 2-Nitroaniline             | 9.65  | 65   | 47421    | 38.03 | ng    | 100      |
| 48) Acenaphthylene             | 9.97  | 152  | 298998   | 36.70 | ng    | 100      |
| 49) Dimethylphthalate          | 9.82  | 163  | 199851   | 36.64 | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.88  | 165  | 38715    | 36.14 | ng    | 100      |
| 51) Acenaphthene               | 10.14 | 154  | 186894   | 38.36 | ng    | 100      |
| 52) 3-Nitroaniline             | 10.06 | 138  | 46895    | 39.36 | ng    | 100      |
| 53) 2,4-Dinitrophenol          | 10.17 | 184  | 16776    | 36.46 | ng    | 100      |
| 54) Dibenzofuran               | 10.32 | 168  | 257887   | 36.89 | ng    | 100      |
| 55) 4-Nitrophenol              | 10.24 | 139  | 33204    | 38.94 | ng    | 100      |
| 56) 2,4-Dinitrotoluene         | 10.29 | 165  | 57546    | 37.28 | ng    | 100      |
| 57) Fluorene                   | 10.66 | 166  | 202237   | 36.78 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.44 | 232  | 42699    | 35.97 | ng    | 100      |
| 59) Diethylphthalate           | 10.52 | 149  | 192431   | 37.21 | ng    | 100      |
| 60) 4-Chlorophenyl-phenylether | 10.65 | 204  | 89355    | 36.31 | ng    | 100      |
| 61) 4-Nitroaniline             | 10.68 | 138  | 49517    | 41.95 | ng    | 100      |
| 62) Azobenzene                 | 10.80 | 77   | 190467   | 35.60 | ng    | 100      |
| 64) 4,6-Dinitro-2-methylphenol | 10.70 | 198  | 23947    | 35.50 | ng    | 100      |
| 65) n-Nitrosodiphenylamine     | 10.76 | 169  | 188572   | 39.34 | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 11.14 | 248  | 48210    | 35.39 | ng    | 100      |
| 67) Hexachlorobenzene          | 11.21 | 284  | 61787    | 40.41 | ng    | 100      |
| 68) Atrazine                   | 11.28 | 200  | 40961    | 31.91 | ng    | 100      |
| 69) Pentachlorophenol          | 11.41 | 266  | 23832    | 33.97 | ng    | 100      |
| 70) Phenanthrene               | 11.62 | 178  | 302256   | 38.10 | ng    | 100      |
| 71) Anthracene                 | 11.68 | 178  | 276274   | 36.72 | ng    | 100      |
| 72) Carbazole                  | 11.84 | 167  | 250479   | 37.82 | ng    | 100      |
| 73) Di-n-butylphthalate        | 12.15 | 149  | 264899   | 35.06 | ng    | 100      |
| 74) Fluoranthene               | 12.82 | 202  | 283220   | 38.27 | ng    | 100      |
| 76) Benzidine                  | 12.95 | 184  | 121224   | 32.57 | ng    | 100      |
| 77) Pyrene                     | 13.06 | 202  | 290396   | 38.28 | ng    | 100      |
| 79) Butylbenzylphthalate       | 13.70 | 149  | 98327    | 36.68 | ng    | 100      |
| 80) Benzo(a)anthracene         | 14.34 | 228  | 258153   | 39.37 | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 14.31 | 252  | 82243    | 38.78 | ng    | 100      |
| 82) Chrysene                   | 14.39 | 228  | 253338   | 39.68 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 14.31 | 149  | 153049   | 38.64 | ng    | 100      |
| 84) Di-n-octyl phthalate       | 15.03 | 149  | 209283   | 35.28 | ng    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 17.57 | 276  | 246311   | 32.13 | ng    | 100      |
| 87) Benzo(b)fluoranthene       | 15.54 | 252  | 233740   | 40.95 | ng    | 100      |
| 88) Benzo(k)fluoranthene       | 15.57 | 252  | 239315m  | 41.08 | ng    |          |
| 89) Benzo(a)pyrene             | 15.94 | 252  | 209552   | 39.41 | ng    | 100      |
| 90) Dibenzo(a,h)anthracene     | 17.59 | 278  | 202761   | 34.98 | ng    | 100      |
| 91) Benzo(g,h,i)perylene       | 18.05 | 276  | 204614   | 34.11 | ng    | 100      |

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





#1

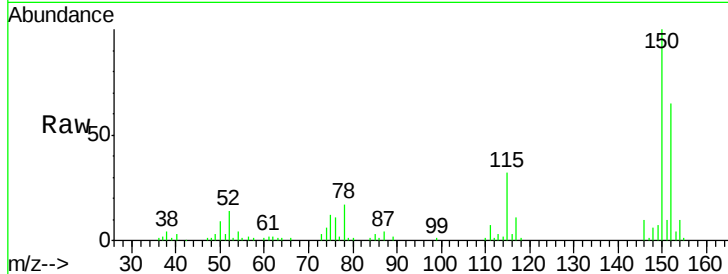
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.07 min Scan# 436  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

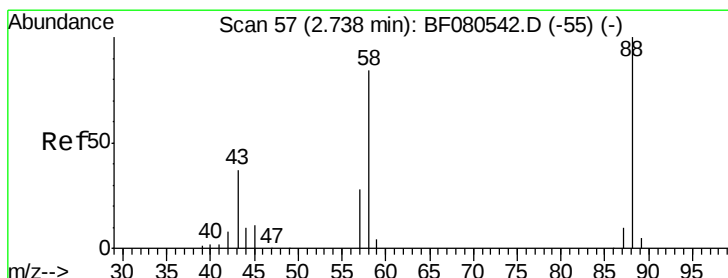
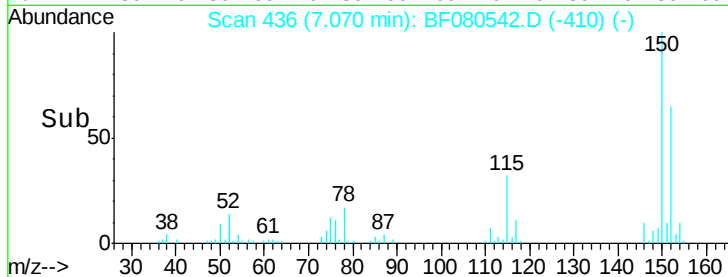
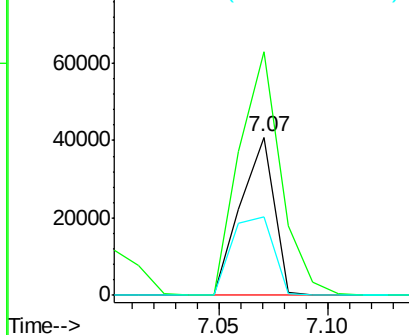
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.7 | 123.0 | 184.4 |
| 115     | 49.9  | 39.9  | 59.9  |

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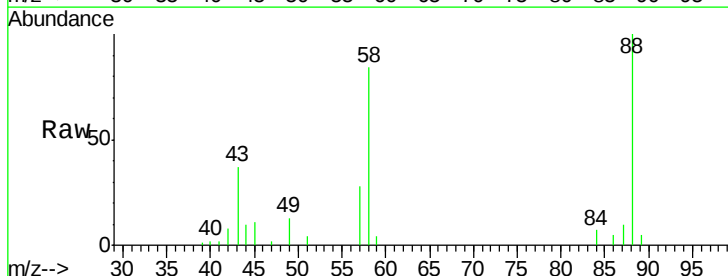
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



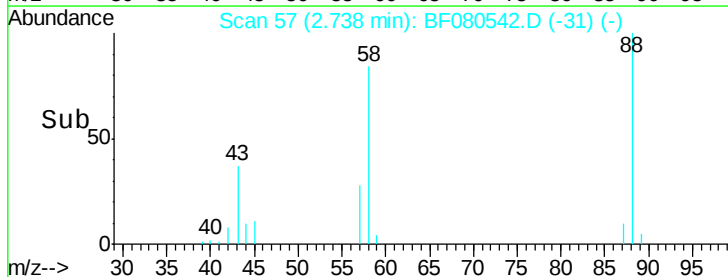
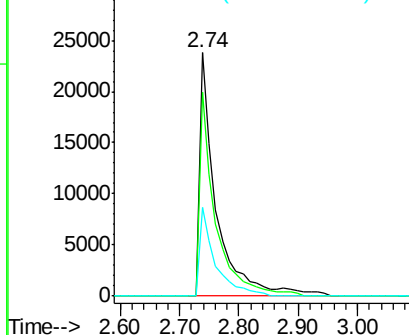
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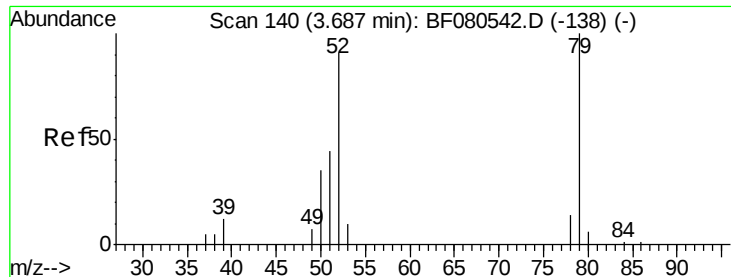
1,4-Dioxane  
Concen: 38.16 ng  
RT: 2.74 min Scan# 57  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 79.2  | 63.4  | 95.0  |
| 43      | 33.9  | 27.1  | 40.7  |



Abundance Ion 88.00 (87.70 to 88.70): BF0  
Ion 58.00 (57.70 to 58.70): BF0  
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.07 ng

RT: 3.69 min Scan# 140

Delta R.T. 0.00 min

Lab File: BF080542.D

Acq: 17 Jul 2015 19:27

Instrument :

BNA\_F

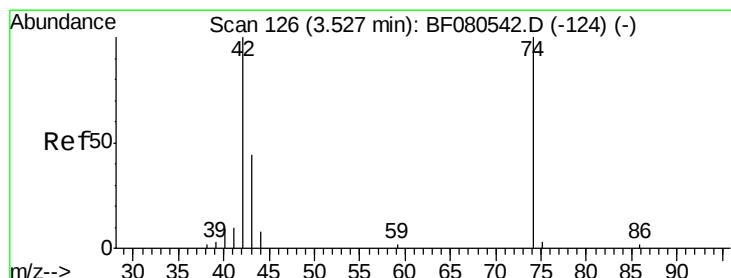
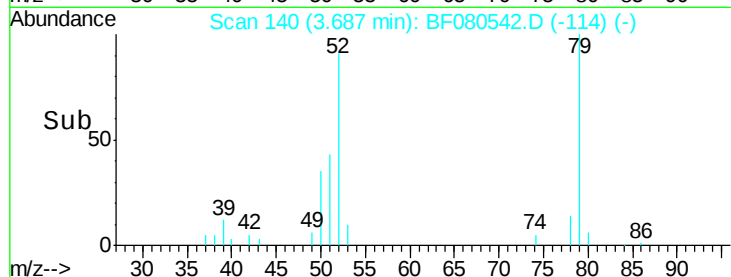
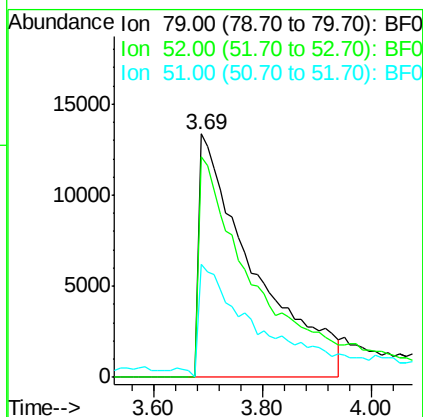
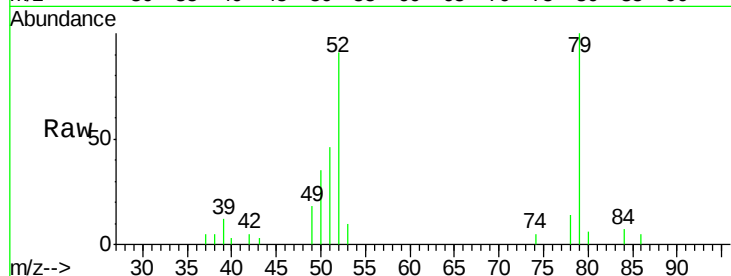
ClientSampleId :

SSTDICCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 92440 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 90.6  | 72.5  | 108.7 |
| 51       | 46.4  | 37.1  | 55.7  |

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#4

n-Nitrosodimethylamine

Concen: 41.83 ng

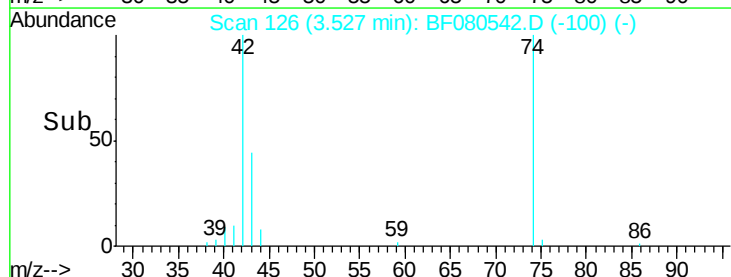
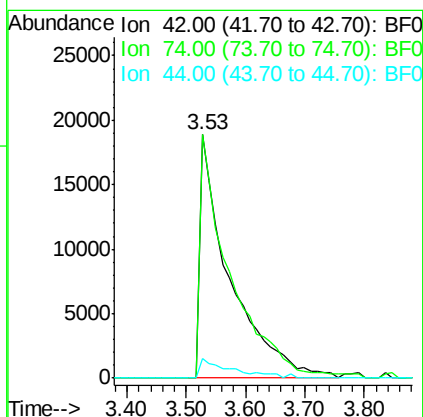
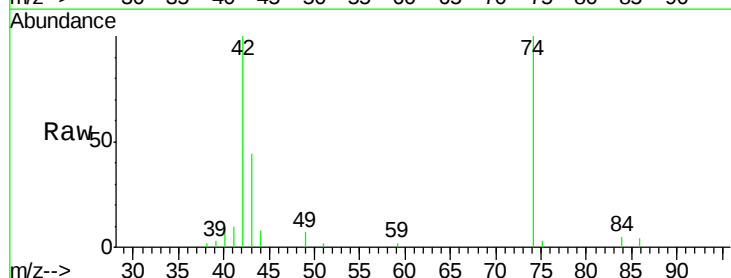
RT: 3.53 min Scan# 126

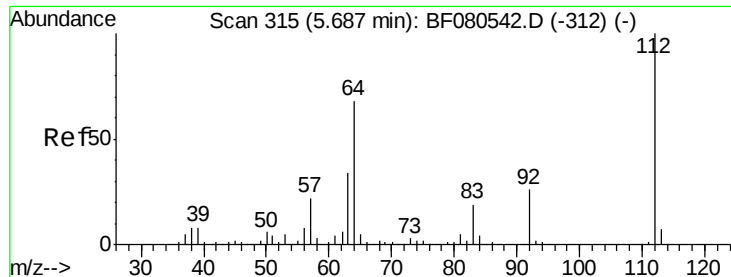
Delta R.T. 0.00 min

Lab File: BF080542.D

Acq: 17 Jul 2015 19:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 66546 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 99.9  | 79.9  | 119.9 |
| 44       | 8.2   | 6.6   | 9.8   |





#5

2-Fluorophenol

Concen: 88.30 ng

RT: 5.69 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF080542.D

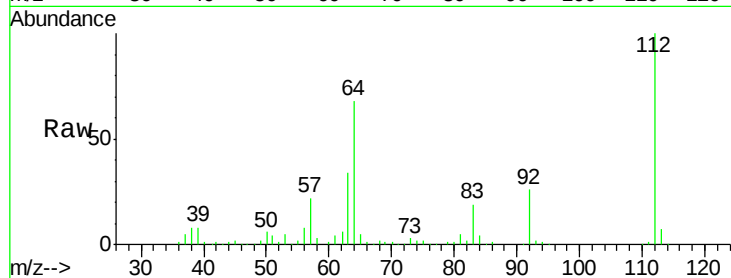
Acq: 17 Jul 2015 19:27

Instrument :

BNA\_F

ClientSampleId :

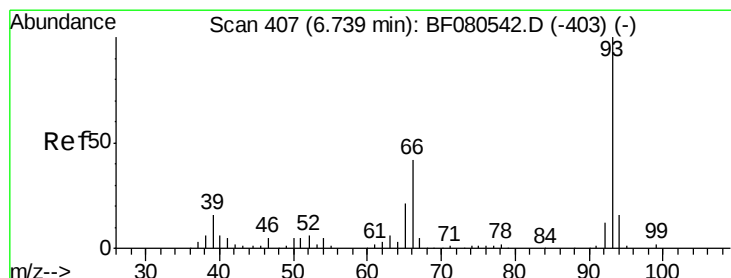
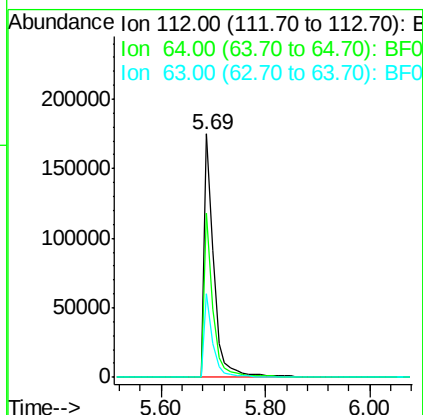
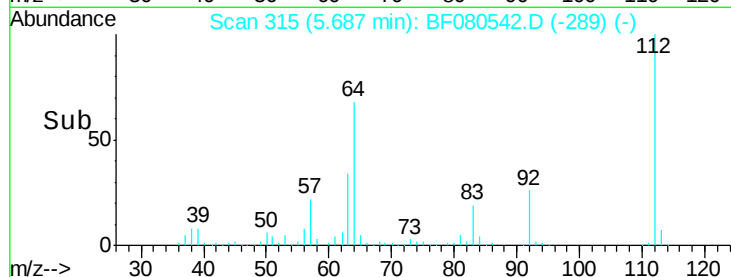
SSTDICCC040



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 228947 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 67.6  | 54.1  | 81.1   |
| 63        | 34.5  | 27.6  | 41.4   |

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#6

Aniline

Concen: 37.95 ng

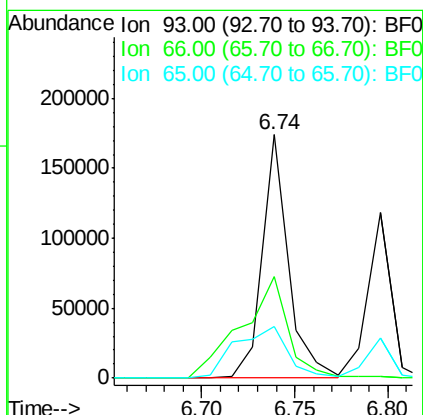
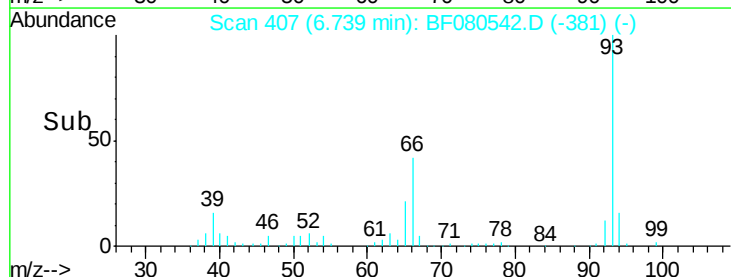
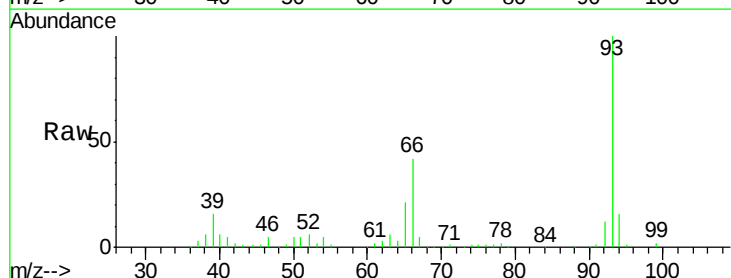
RT: 6.74 min Scan# 407

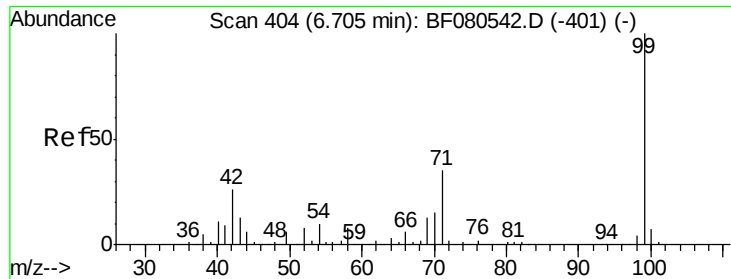
Delta R.T. 0.00 min

Lab File: BF080542.D

Acq: 17 Jul 2015 19:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 168612 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 41.6  | 33.3  | 49.9   |
| 65        | 21.1  | 16.9  | 25.3   |





#7

Phenol-d6

Concen: 76.05 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF080542.D

Acq: 17 Jul 2015 19:27

Instrument :

BNA\_F

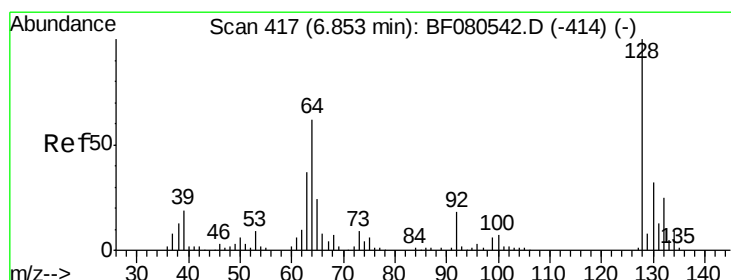
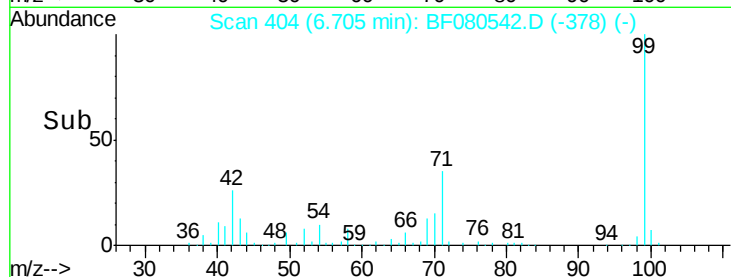
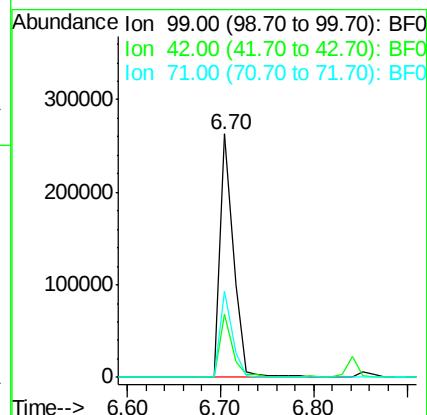
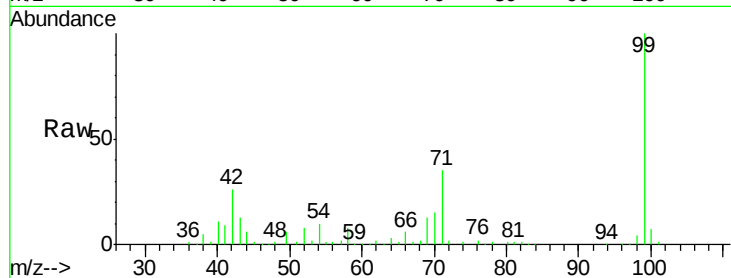
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 262216 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 26.2  | 21.0  | 31.4   |
| 71        | 35.5  | 28.4  | 42.6   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 39.98 ng

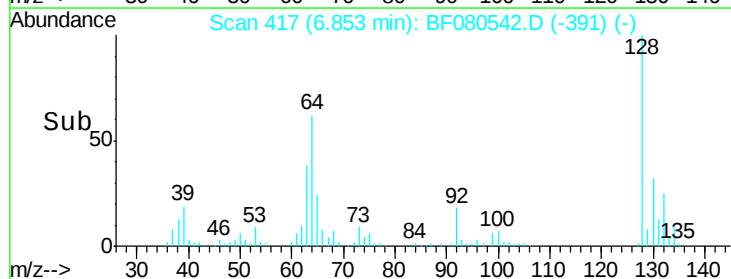
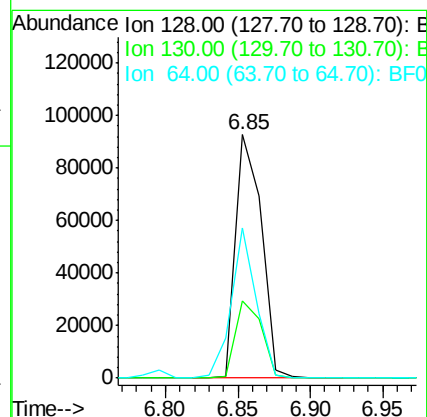
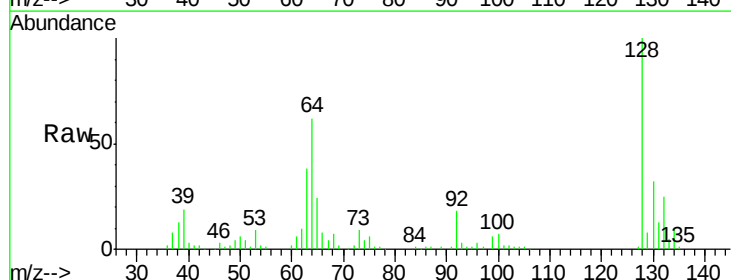
RT: 6.85 min Scan# 417

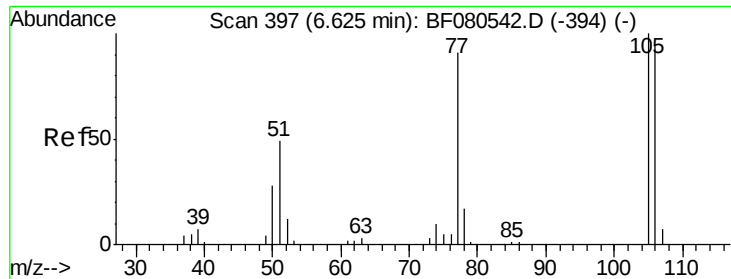
Delta R.T. 0.00 min

Lab File: BF080542.D

Acq: 17 Jul 2015 19:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 114504 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 31.7  | 11.7  | 51.7   |
| 64        | 61.6  | 41.6  | 81.6   |





#9

Benzaldehyde

Concen: 31.30 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF080542.D

Acq: 17 Jul 2015 19:27

Instrument :

BNA\_F

ClientSampleId :

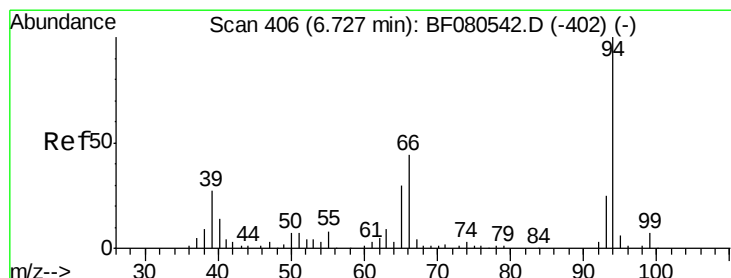
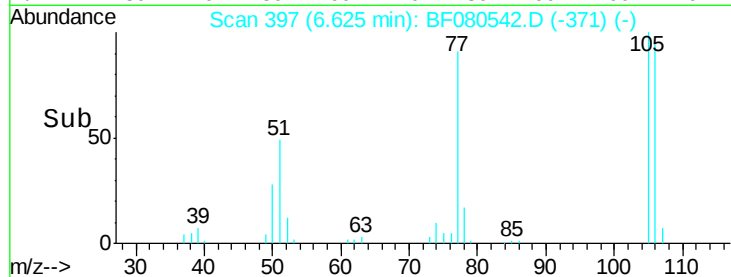
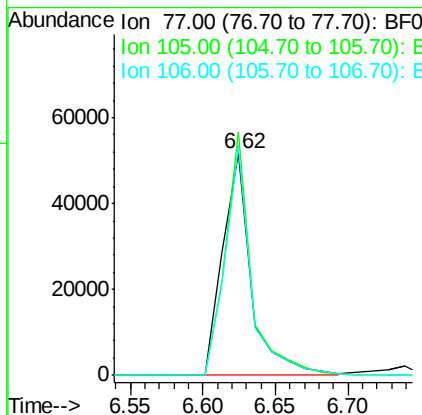
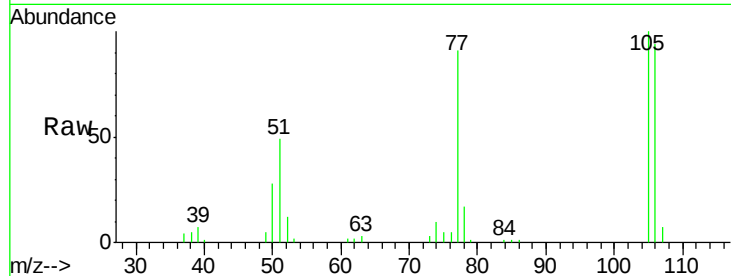
SSTDICCC040

Tgt Ion: 77 Resp: 70802

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 110.0 | 90.0  | 130.0 |
| 106 | 103.5 | 83.5  | 123.5 |

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#10

Phenol

Concen: 38.43 ng

RT: 6.73 min Scan# 406

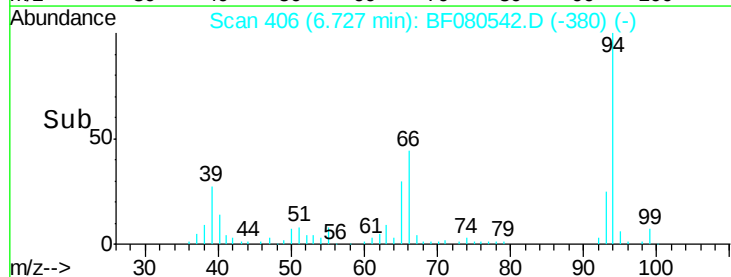
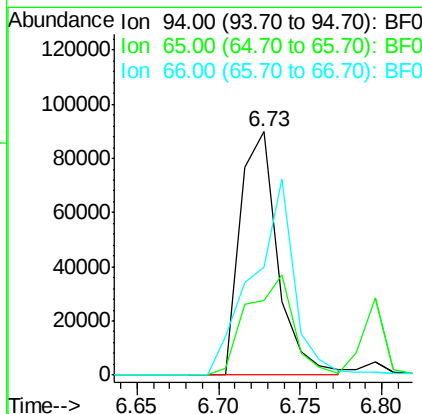
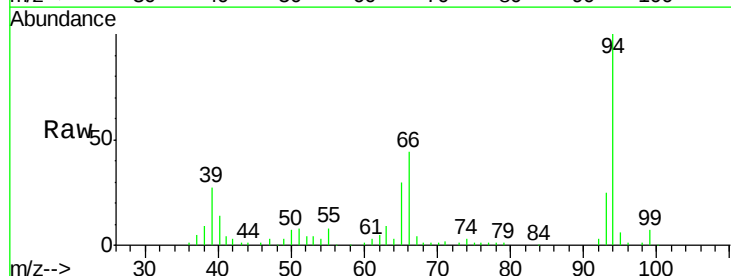
Delta R.T. 0.00 min

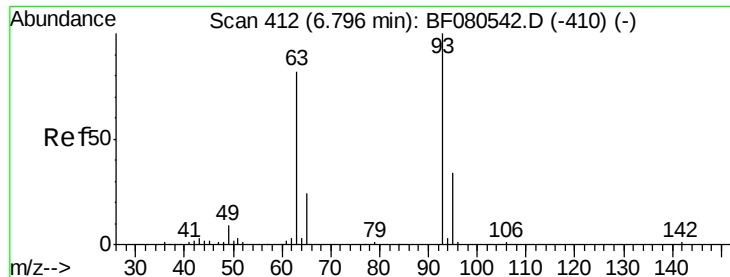
Lab File: BF080542.D

Acq: 17 Jul 2015 19:27

Tgt Ion: 94 Resp: 142816

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 30.4  | 10.4  | 50.4  |
| 66  | 44.2  | 24.2  | 64.2  |





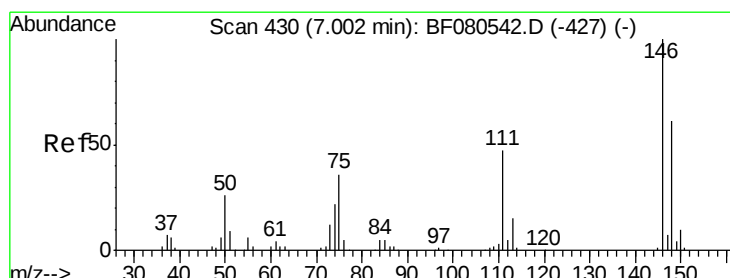
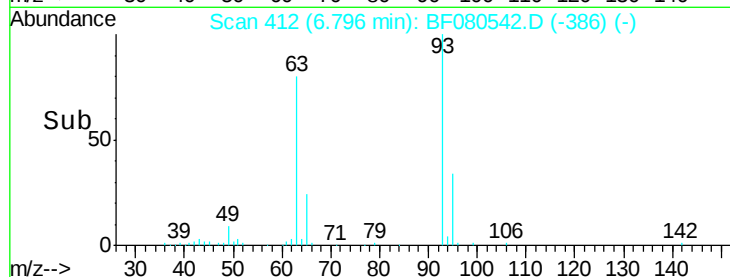
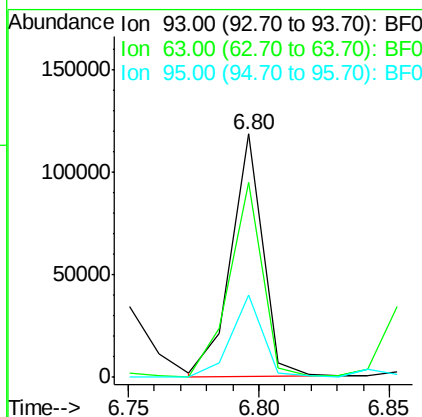
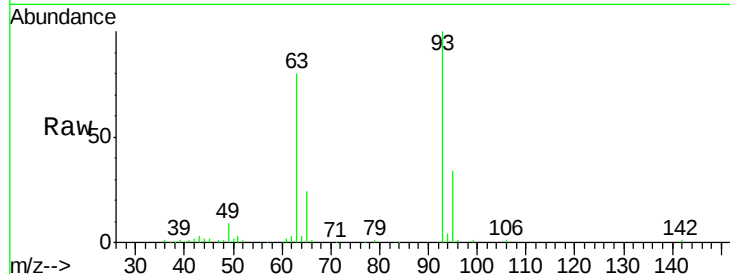
#11  
bis(2-Chloroethyl)ether  
Concen: 36.97 ng  
RT: 6.80 min Scan# 412  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 93      | 100   |            |       |
| 63      | 80.3  | 60.3       | 100.3 |
| 95      | 33.7  | 13.7       | 53.7  |

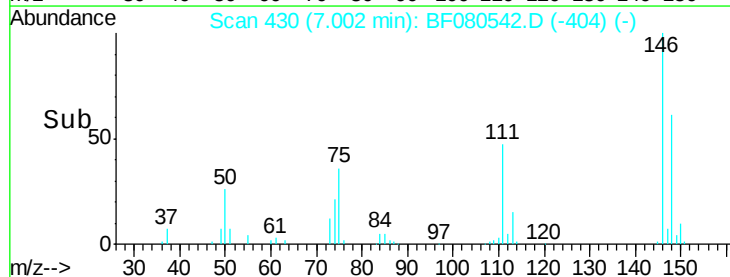
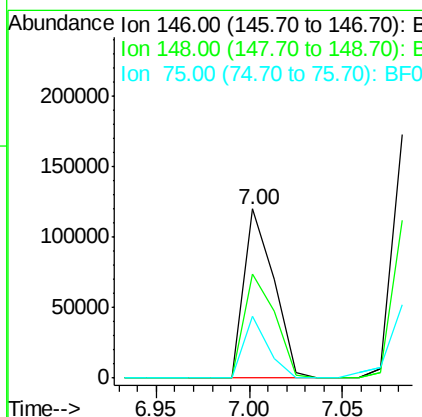
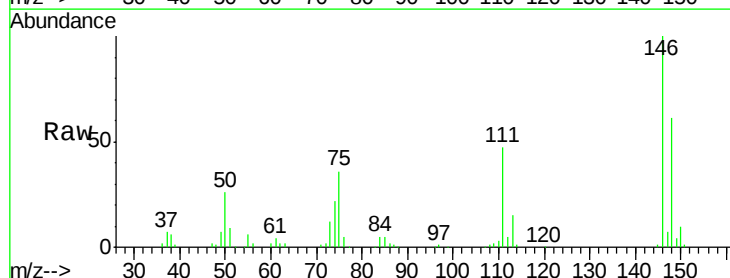
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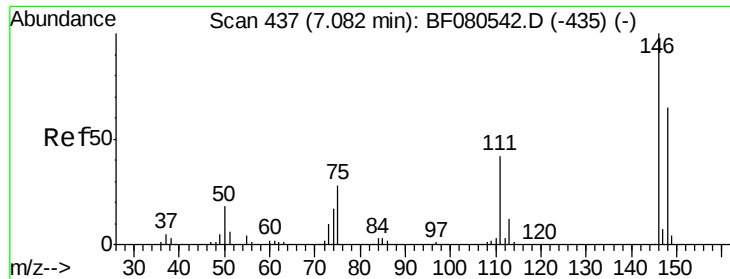
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#12  
1,3-Dichlorobenzene  
Concen: 37.36 ng  
RT: 7.00 min Scan# 430  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 146     | 100   |            |       |
| 148     | 61.5  | 49.2       | 73.8  |
| 75      | 36.4  | 29.1       | 43.7  |





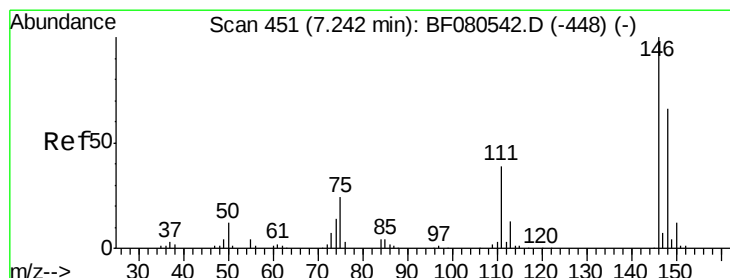
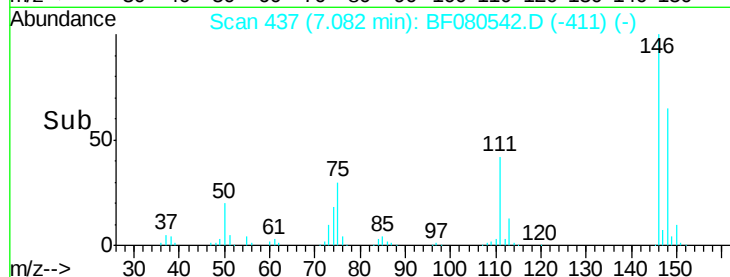
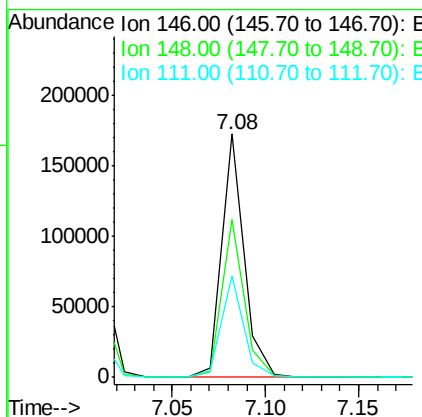
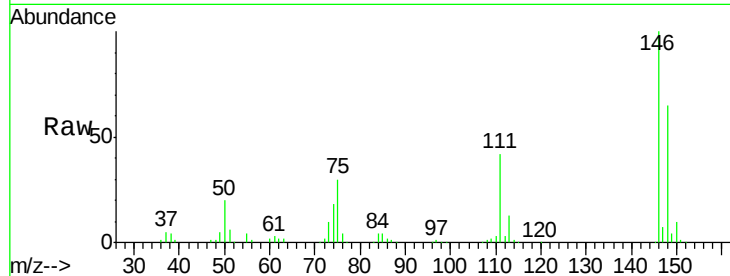
#13  
 1,4-Dichlorobenzene  
 Concen: 38.81 ng  
 RT: 7.08 min Scan# 437  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.9  | 51.9  | 77.9  |
| 111     | 41.8  | 33.4  | 50.2  |

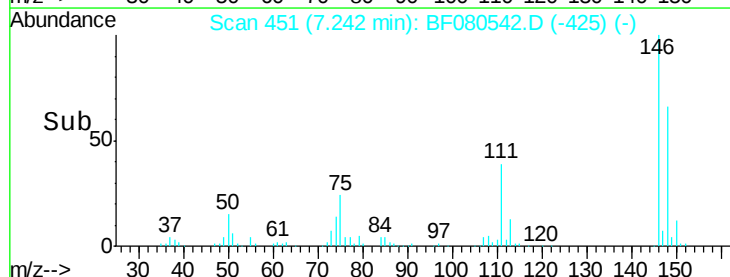
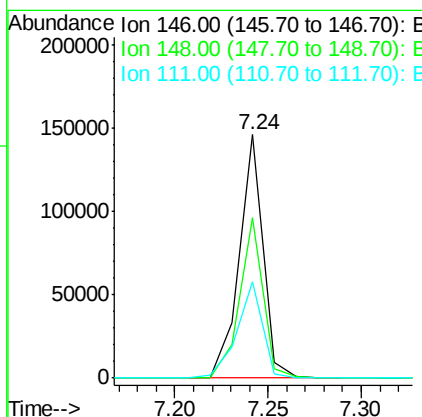
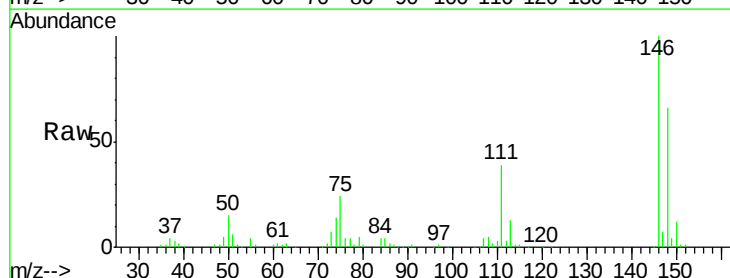
Manual Integrations  
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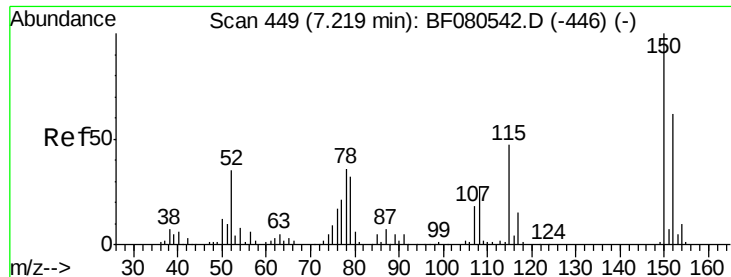
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#14  
 1,2-Dichlorobenzene  
 Concen: 39.56 ng  
 RT: 7.24 min Scan# 451  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.6  | 52.5  | 78.7  |
| 111     | 39.4  | 31.5  | 47.3  |





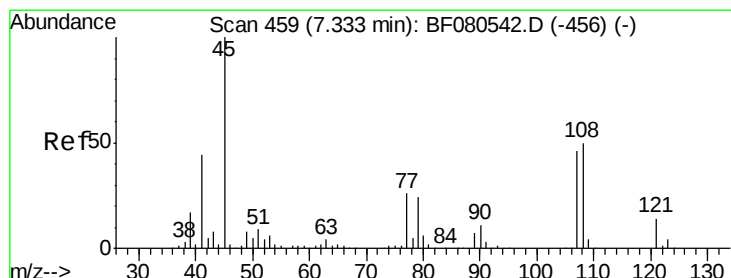
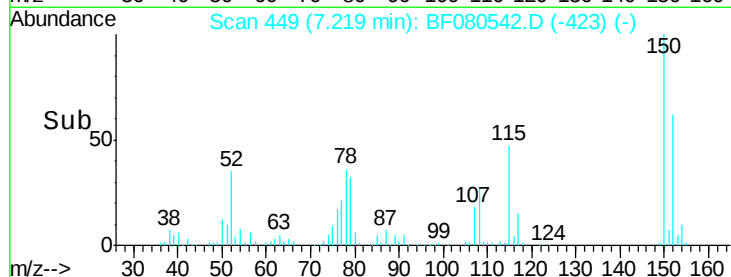
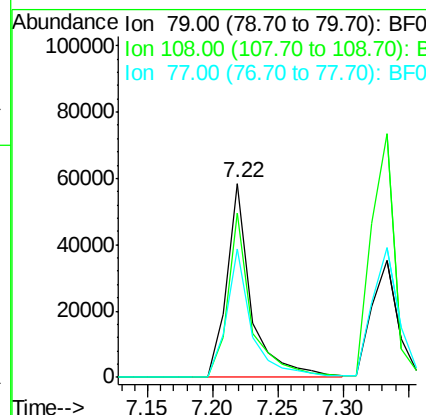
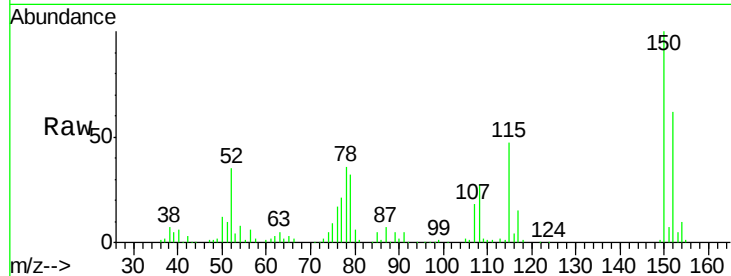
#15  
Benzyl Alcohol  
Concen: 32.94 ng  
RT: 7.22 min Scan# 449  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 79      | 100   | 77102 |       |       |
| 108     | 84.7  | 67.8  | 101.6 |       |
| 77      | 66.1  | 52.9  | 79.3  |       |

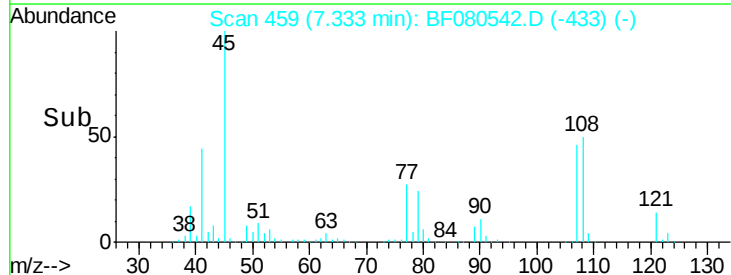
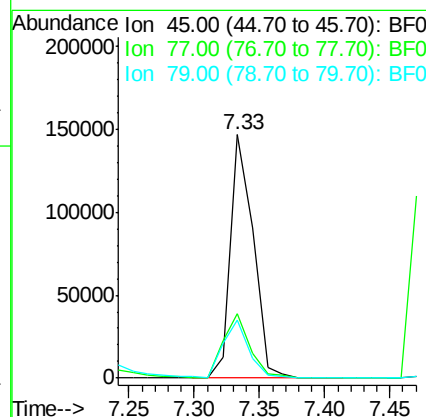
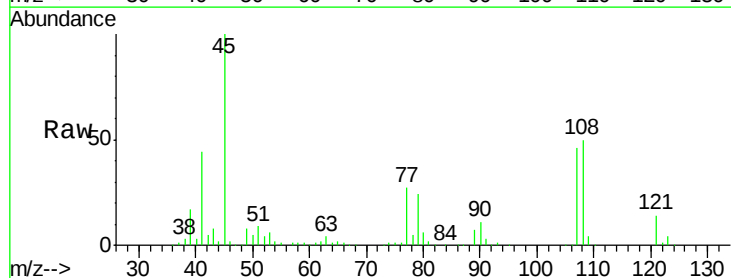
Manual Integrations  
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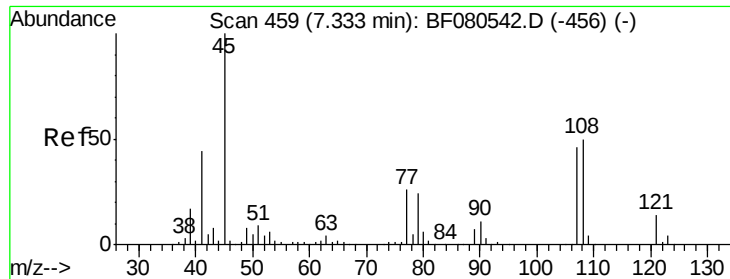
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.77 ng  
RT: 7.33 min Scan# 459  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 45      | 100   | 177884 |       |       |
| 77      | 26.6  | 6.6    | 46.6  |       |
| 79      | 24.0  | 4.0    | 44.0  |       |





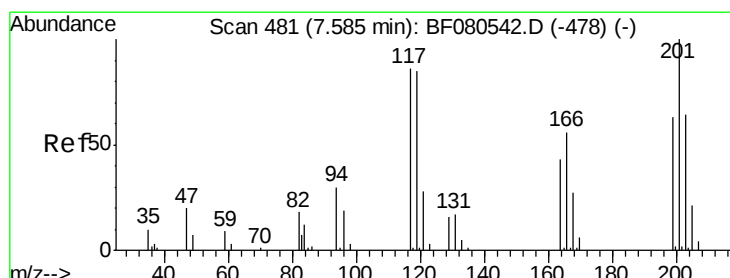
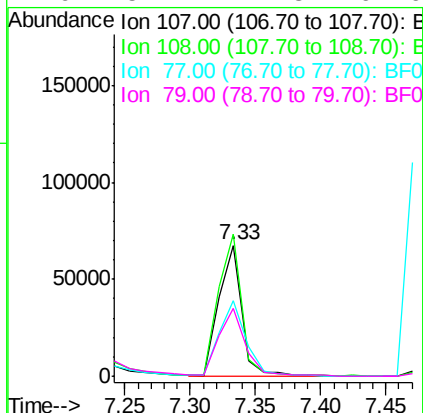
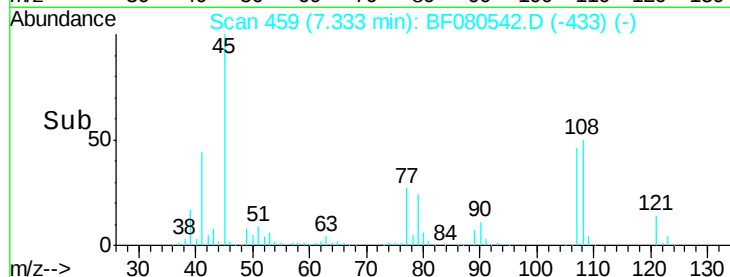
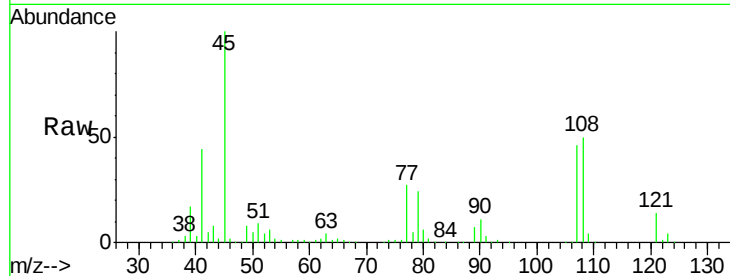
#17  
2-Methylphenol  
Concen: 36.59 ng  
RT: 7.33 min Scan# 459  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   | 83262 |       |       |
| 108     | 108.5 | 86.8  | 130.2 |       |
| 77      | 57.8  | 46.2  | 69.4  |       |
| 79      | 52.2  | 41.8  | 62.6  |       |

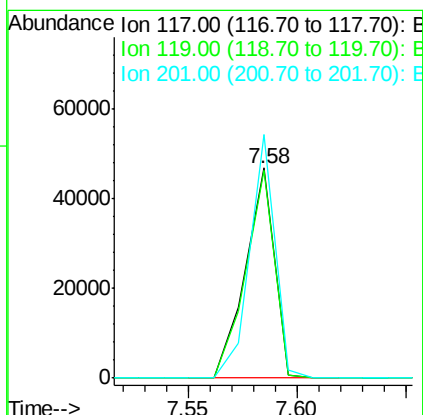
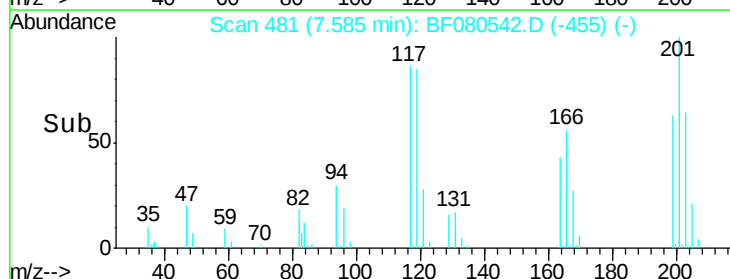
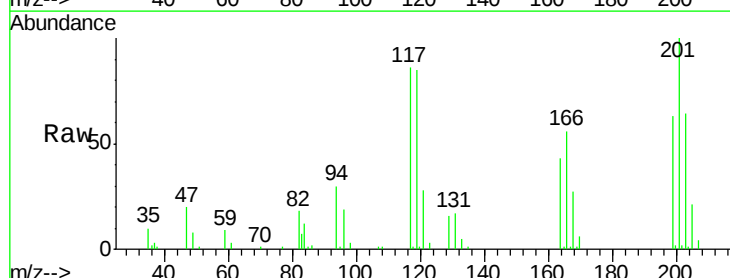
Manual Integrations  
APPROVED

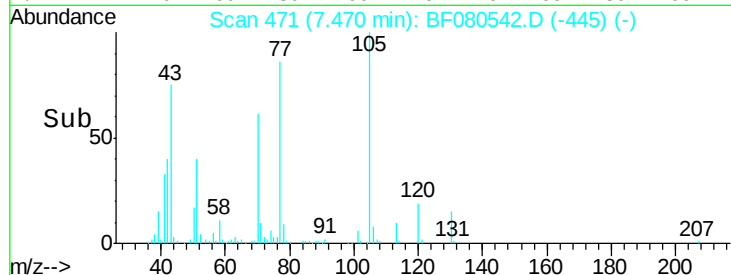
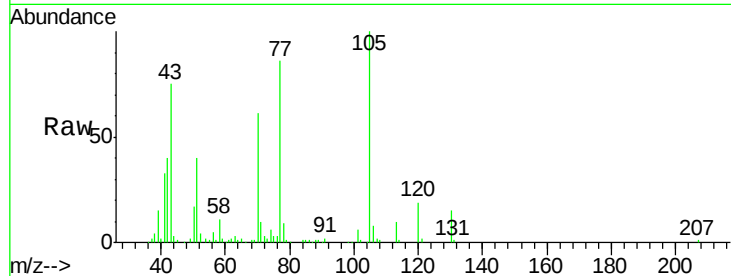
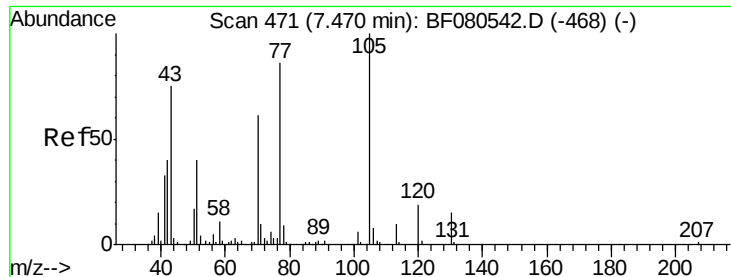
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#18  
Hexachloroethane  
Concen: 38.99 ng  
RT: 7.58 min Scan# 481  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 43289 |       |       |
| 119     | 98.9  | 79.1  | 118.7 |       |
| 201     | 115.9 | 92.7  | 139.1 |       |





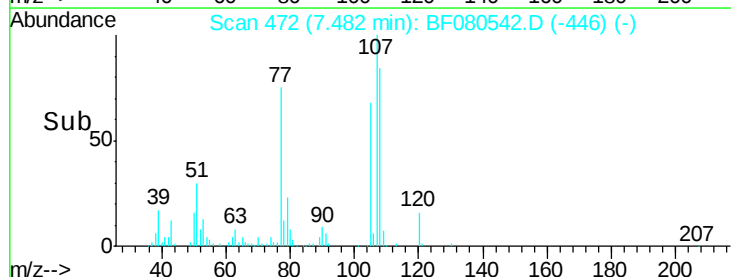
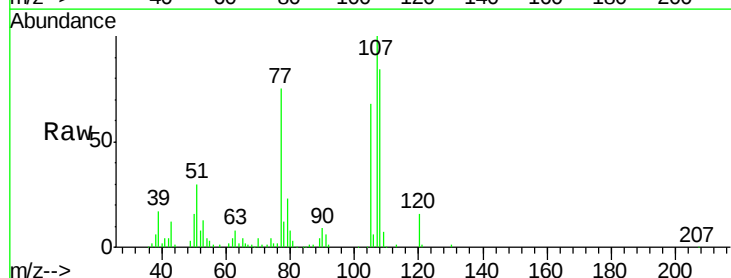
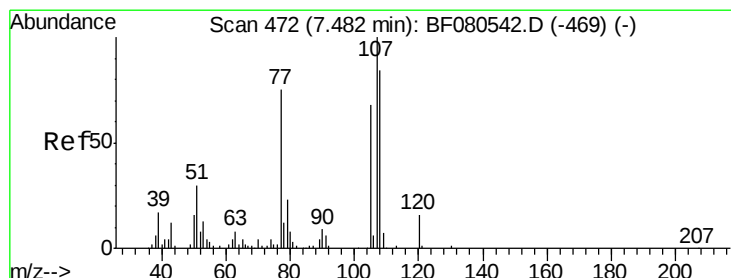
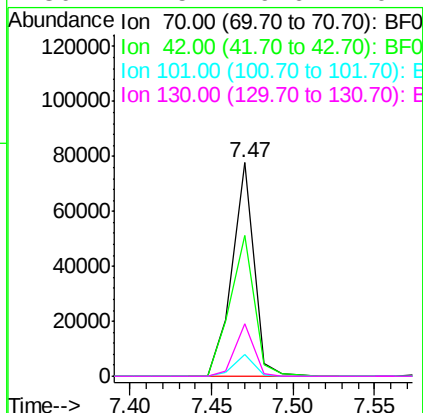
#19  
n-Nitroso-di-n-propylamine  
Concen: 34.24 ng  
RT: 7.47 min Scan# 471  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Manual Integrations  
APPROVED

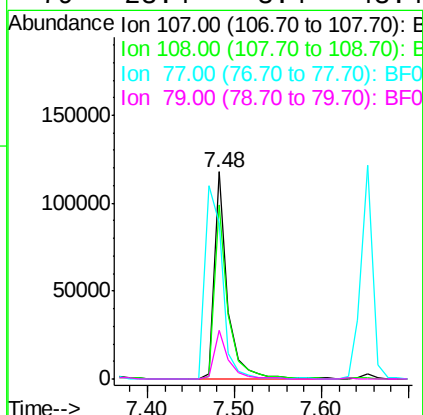
apatel  
7/20/2015 3:44:00 PM

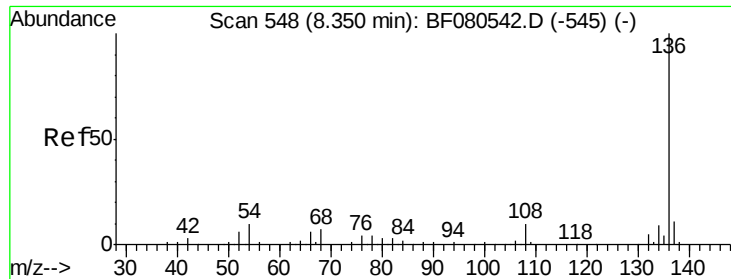
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 65.7  | 52.6  | 78.8  |
| 101     | 10.4  | 8.3   | 12.5  |
| 130     | 24.5  | 19.6  | 29.4  |



#20  
3+4-Methylphenols  
Concen: 40.72 ng  
RT: 7.48 min Scan# 472  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 84.0  | 64.0  | 104.0 |
| 77      | 75.4  | 55.4  | 95.4  |
| 79      | 23.4  | 3.4   | 43.4  |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.35 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF080542.D

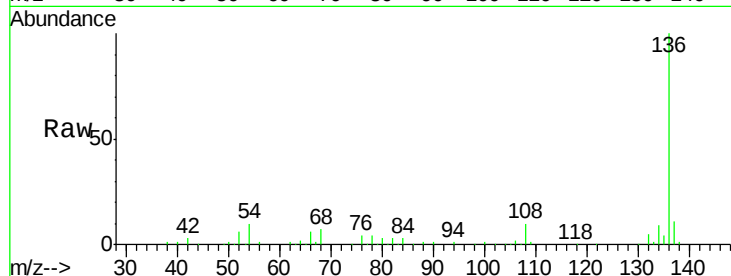
Acq: 17 Jul 2015 19:27

Instrument :

BNA\_F

ClientSampleId :

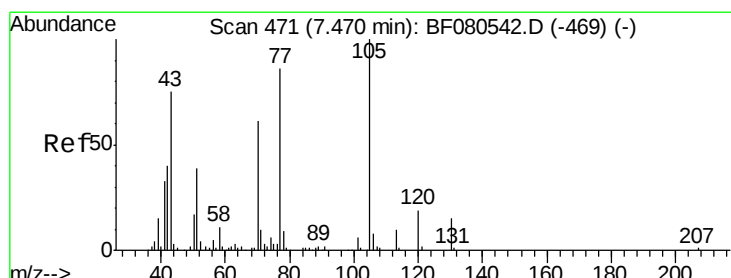
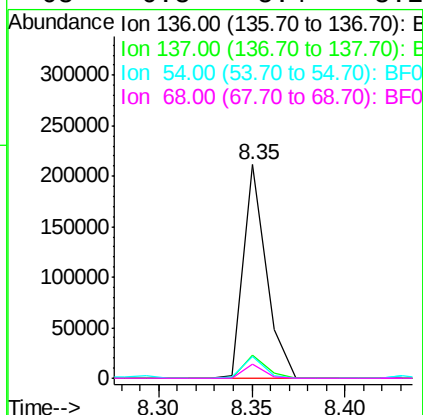
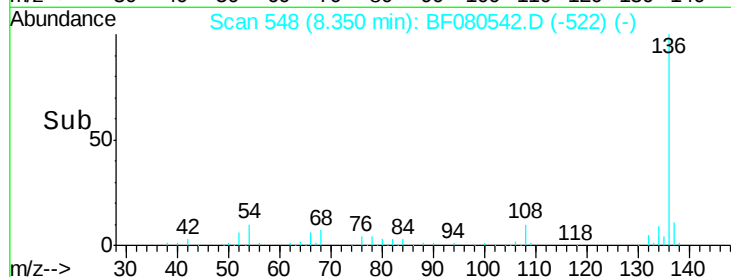
SSTDICCC040



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 179874 |       |       |
| 137     | 10.9  | 8.7    | 13.1  |       |
| 54      | 10.4  | 8.3    | 12.5  |       |
| 68      | 6.8   | 5.4    | 8.2   |       |

Manual Integrations  
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#22

Acetophenone

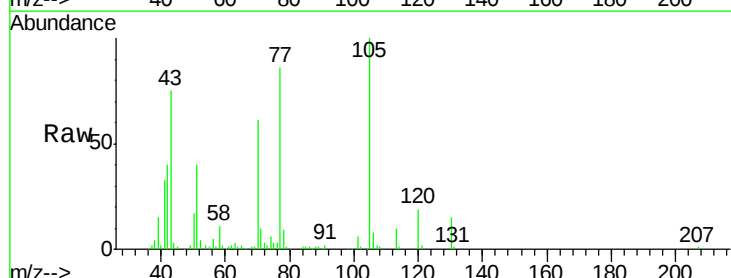
Concen: 37.69 ng

RT: 7.47 min Scan# 471

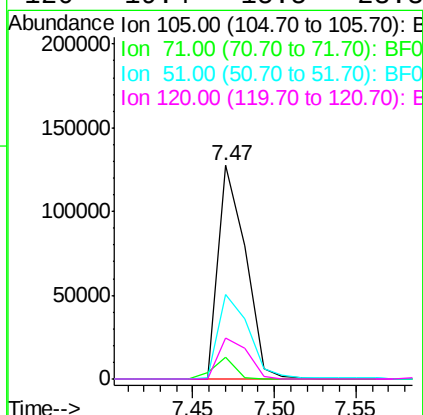
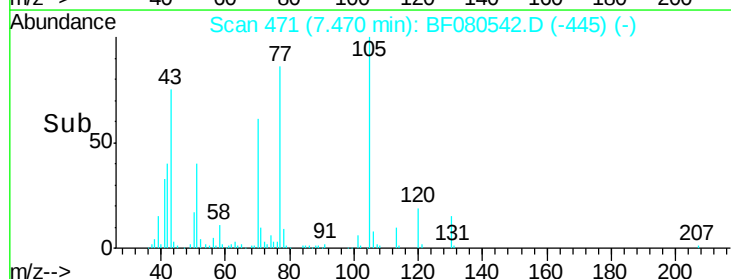
Delta R.T. 0.00 min

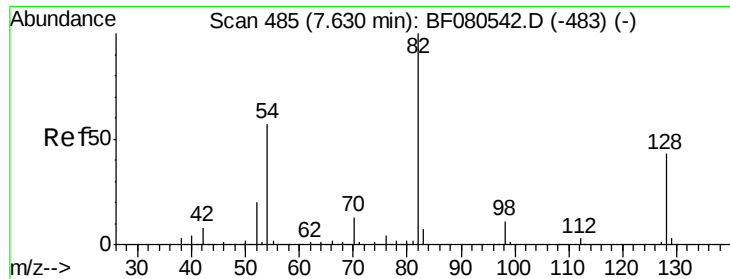
Lab File: BF080542.D

Acq: 17 Jul 2015 19:27



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 147793 |       |       |
| 71      | 10.4  | 8.3    | 12.5  |       |
| 51      | 39.5  | 31.6   | 47.4  |       |
| 120     | 19.4  | 15.5   | 23.3  |       |





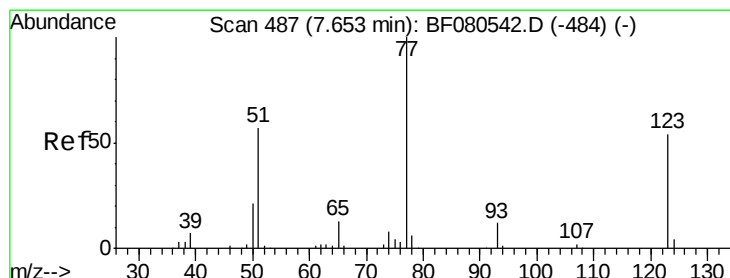
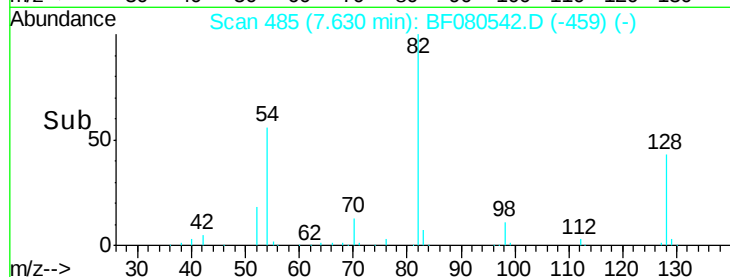
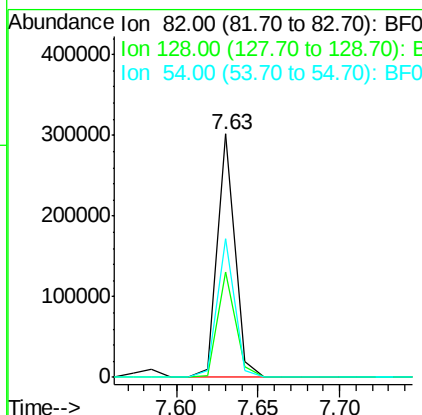
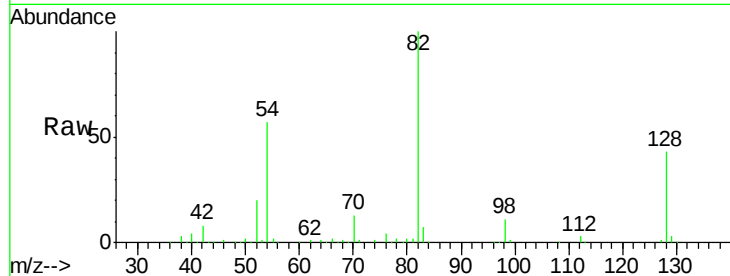
#23  
 Nitrobenzene-d5  
 Concen: 75.59 ng  
 RT: 7.63 min Scan# 485  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 228462 |       |       |
| 128     | 43.2  | 34.6   | 51.8  |       |
| 54      | 57.2  | 45.8   | 68.6  |       |

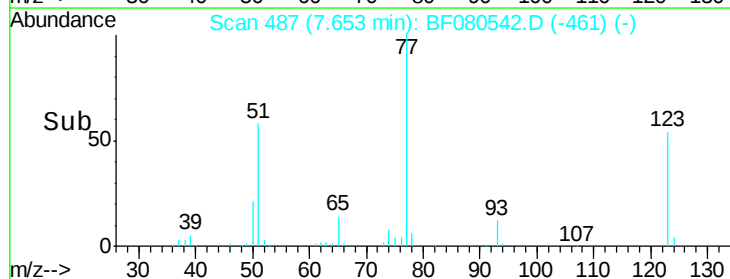
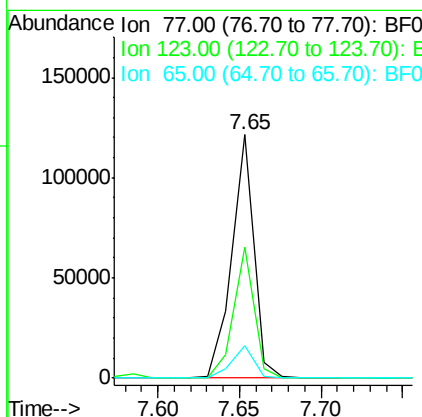
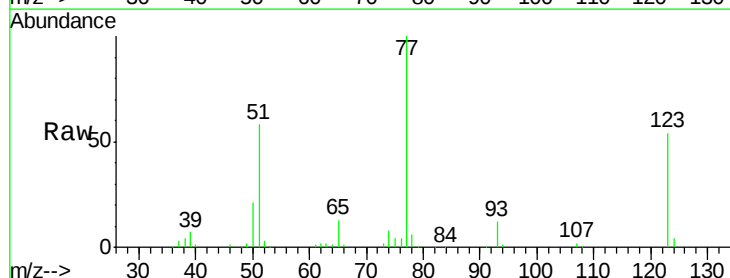
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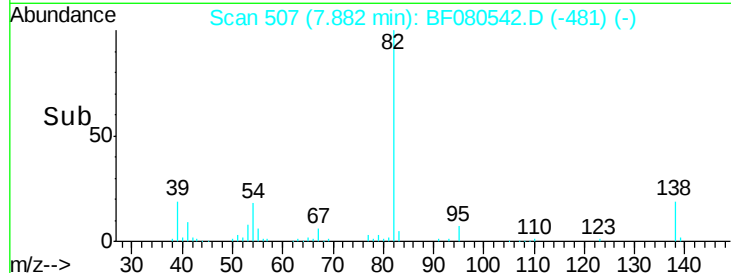
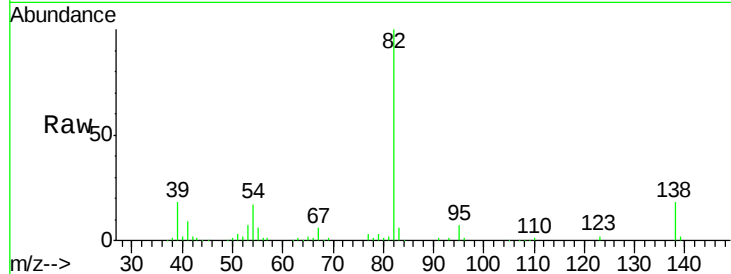
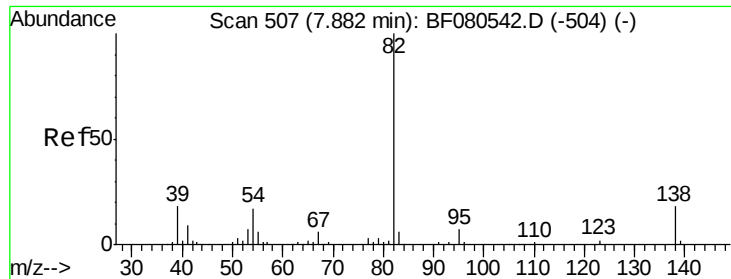
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#24  
 Nitrobenzene  
 Concen: 36.87 ng  
 RT: 7.65 min Scan# 487  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 113475 |       |       |
| 123     | 53.6  | 42.9   | 64.3  |       |
| 65      | 13.4  | 10.7   | 16.1  |       |





#25

Isophorone

Concen: 37.04 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF080542.D

Acq: 17 Jul 2015 19:27

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 82   | Resp: | 197478 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.9  | 5.5   | 8.3    |
| 138       | 18.4 | 14.7  | 22.1   |

Instrument :

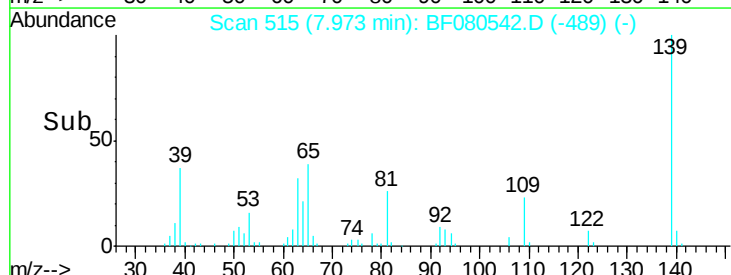
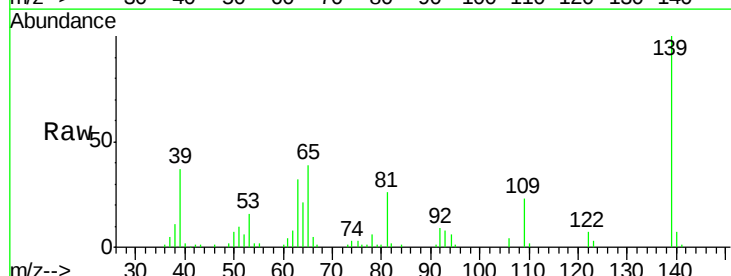
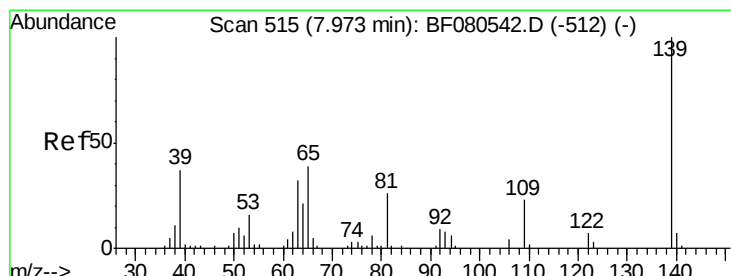
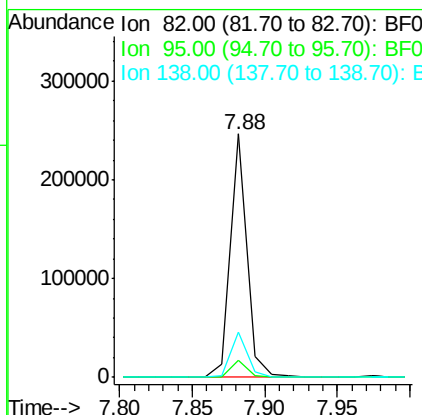
BNA\_F

ClientSampleId :

SSTDICCC040

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#26

2-Nitrophenol

Concen: 41.23 ng

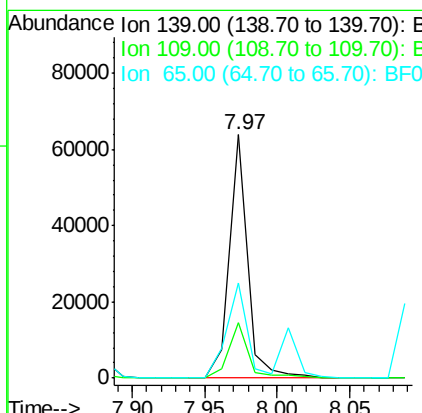
RT: 7.97 min Scan# 515

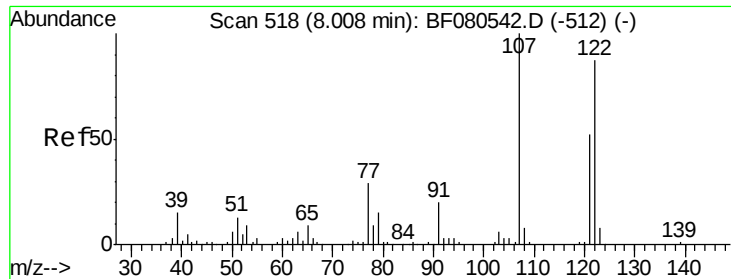
Delta R.T. 0.00 min

Lab File: BF080542.D

Acq: 17 Jul 2015 19:27

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 56024 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 22.9 | 18.3  | 27.5  |
| 65        | 38.8 | 31.0  | 46.6  |





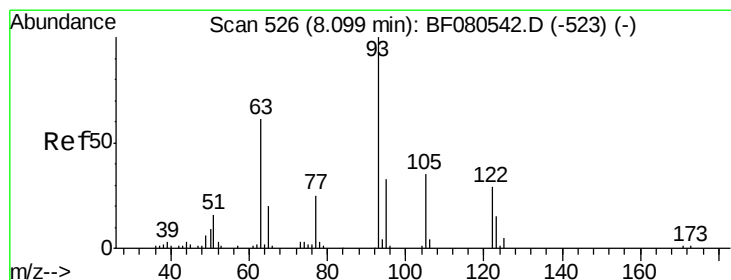
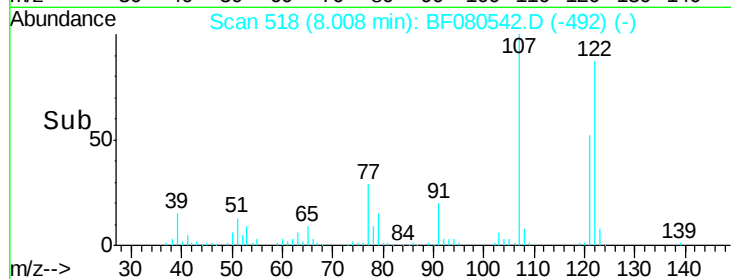
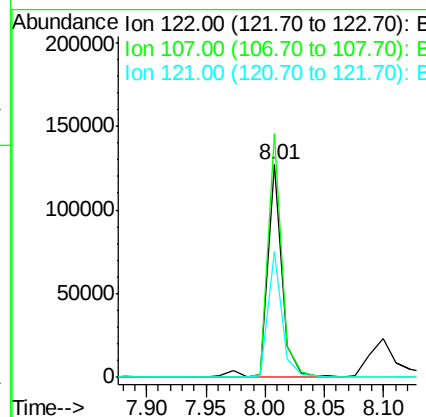
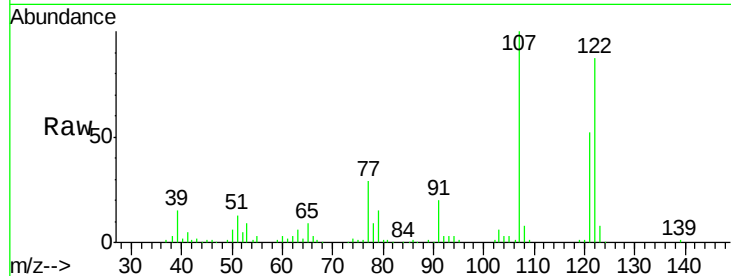
#27  
2,4-Dimethylphenol  
Concen: 41.41 ng  
RT: 8.01 min Scan# 518  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 107513 |       |       |
| 107     | 114.5 | 91.6   | 137.4 |       |
| 121     | 59.2  | 47.4   | 71.0  |       |

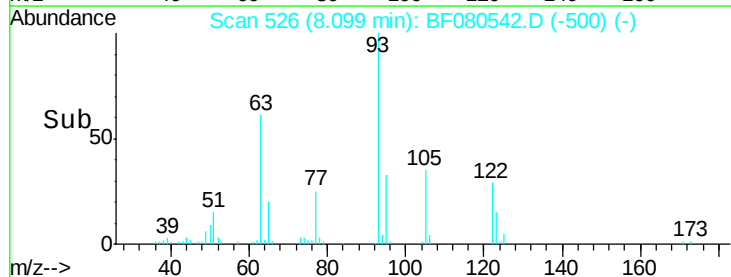
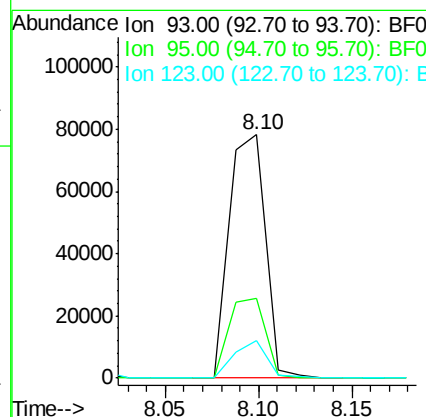
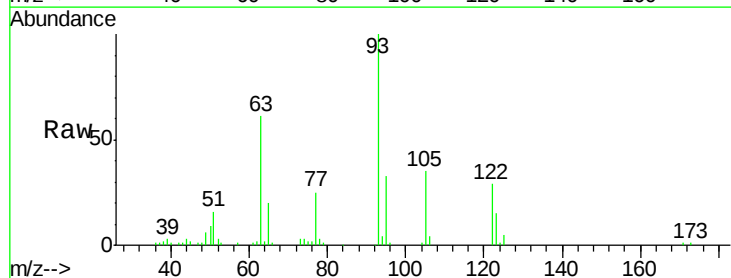
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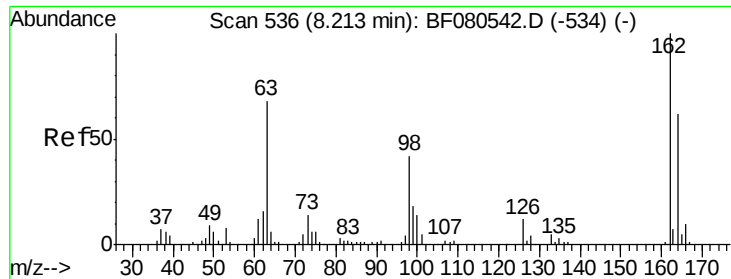
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#28  
bis(2-Chloroethoxy)methane  
Concen: 34.36 ng  
RT: 8.10 min Scan# 526  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 106291 |       |       |
| 95      | 33.0  | 26.4   | 39.6  |       |
| 123     | 15.3  | 12.2   | 18.4  |       |





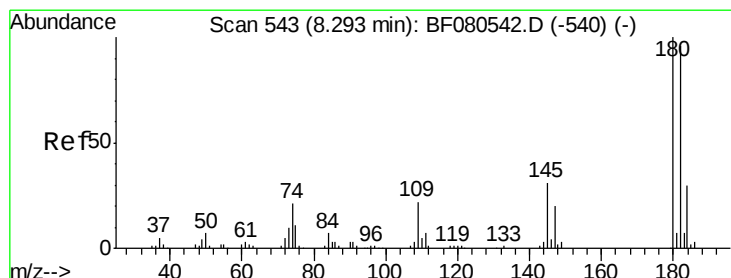
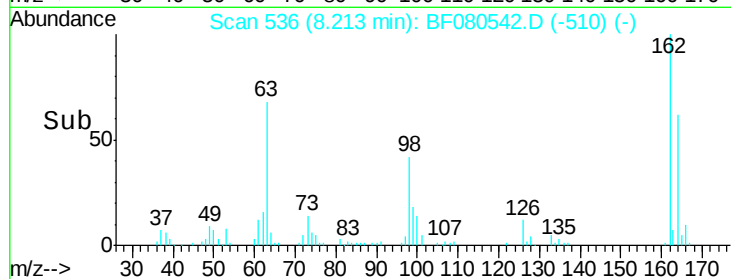
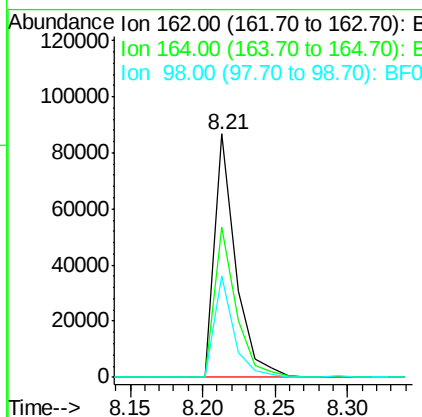
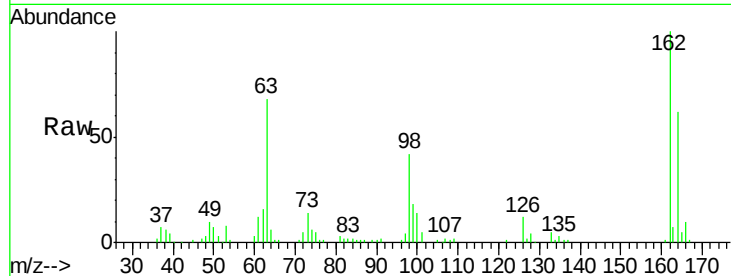
#29  
 2,4-Dichlorophenol  
 Concen: 38.00 ng  
 RT: 8.21 min Scan# 536  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 88234 |       |       |
| 164     | 61.6  |       | 41.6  | 81.6  |
| 98      | 41.9  |       | 21.9  | 61.9  |

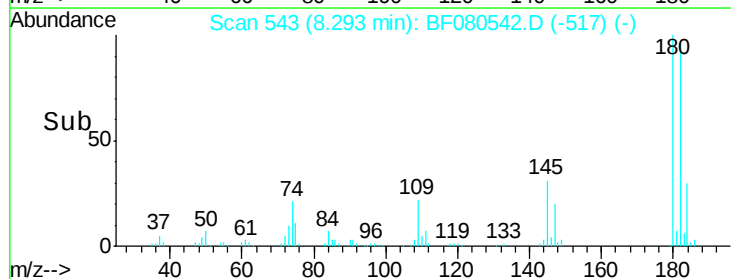
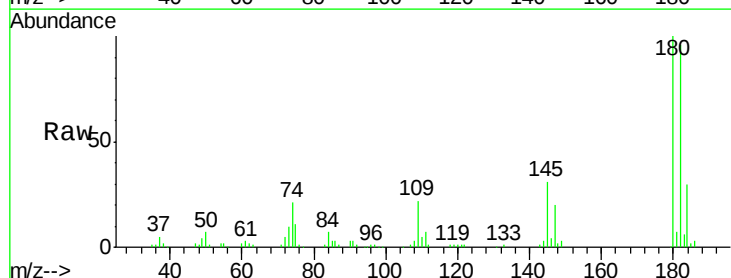
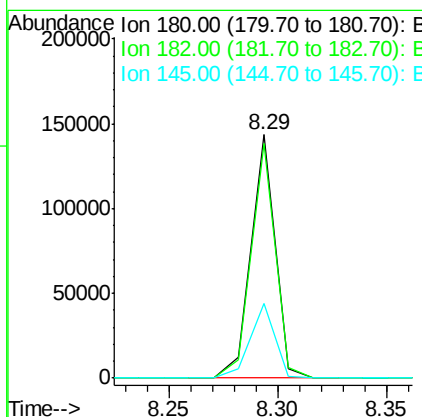
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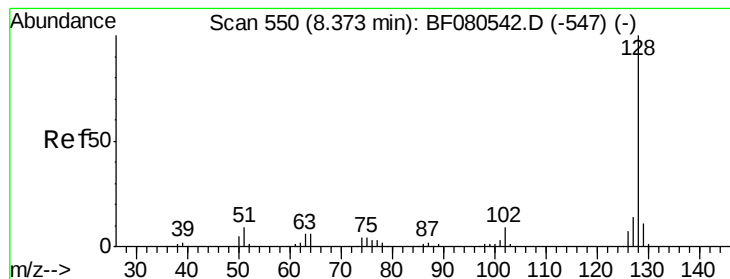
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.42 ng  
 RT: 8.29 min Scan# 543  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 110426 |       |       |
| 182     | 96.2  |        | 77.0  | 115.4 |
| 145     | 30.6  |        | 24.5  | 36.7  |





#31

Naphthalene

Concen: 39.79 ng

RT: 8.37 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF080542.D

Acq: 17 Jul 2015 19:27

Instrument :

BNA\_F

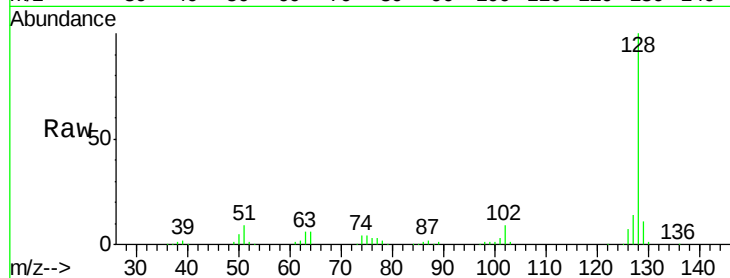
ClientSampleId :

SSTDICCC040

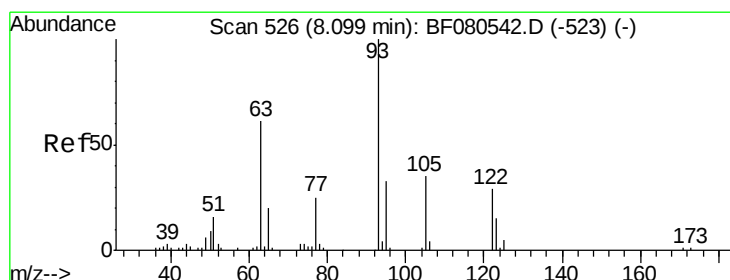
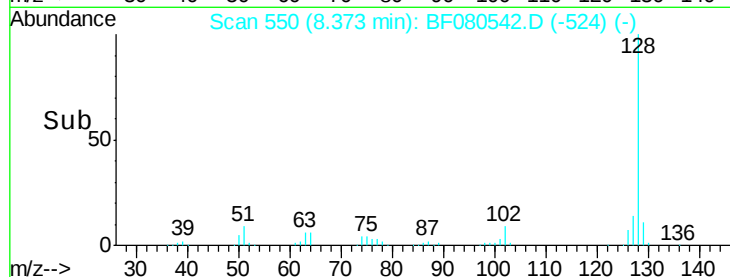
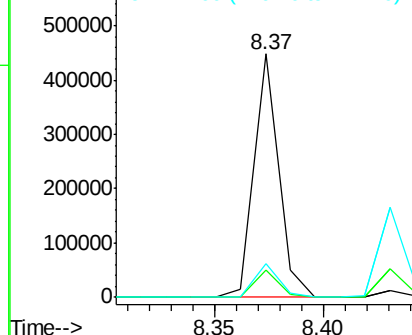
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 353026 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.2  | 9.0   | 13.4   |
| 127       | 13.7  | 11.0  | 16.4   |

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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



#32

Benzoic acid

Concen: 32.57 ng

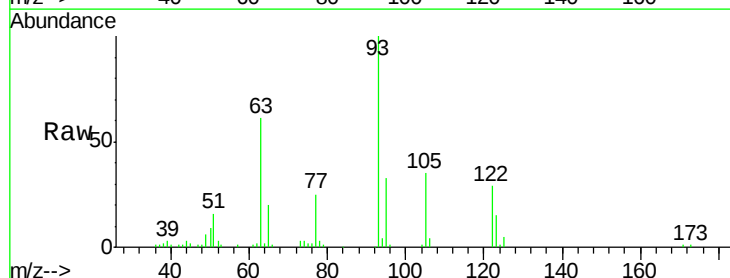
RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

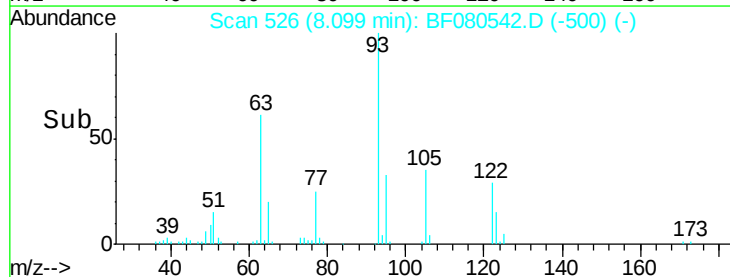
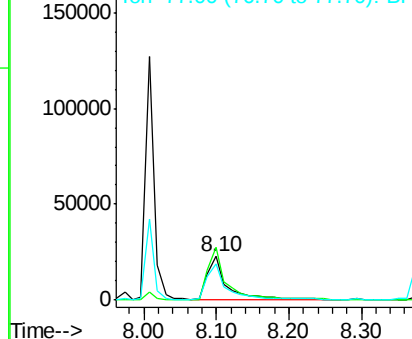
Lab File: BF080542.D

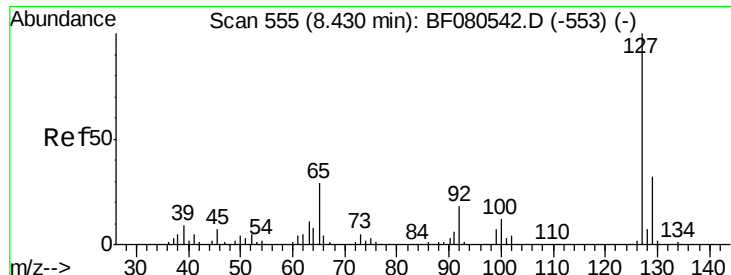
Acq: 17 Jul 2015 19:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 42611 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 121.3 | 101.3 | 141.3 |
| 77        | 84.1  | 64.1  | 104.1 |



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF0





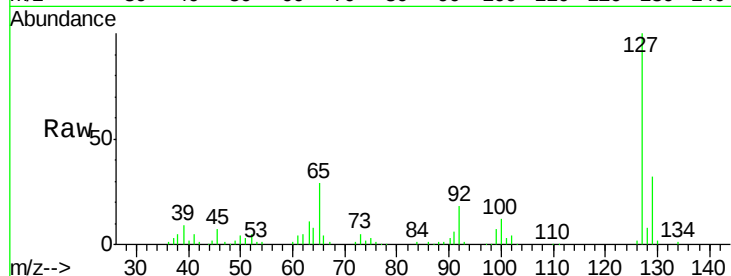
#33  
 4-Chloroaniline  
 Concen: 41.41 ng  
 RT: 8.43 min Scan# 555  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

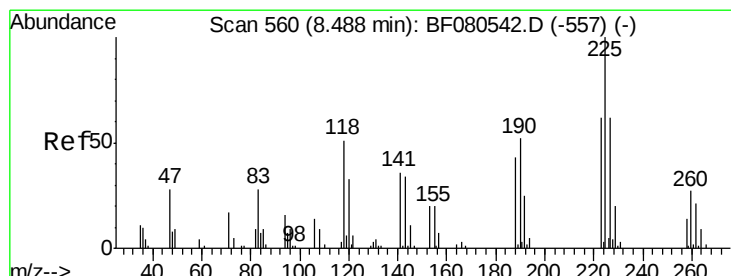
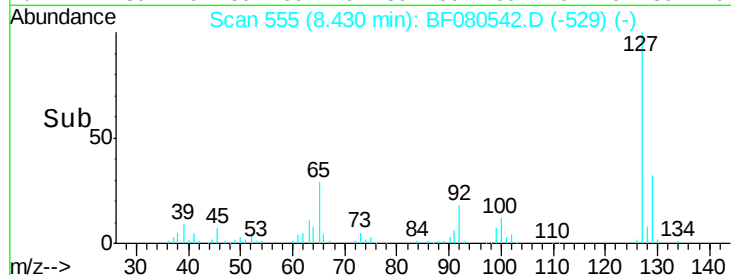
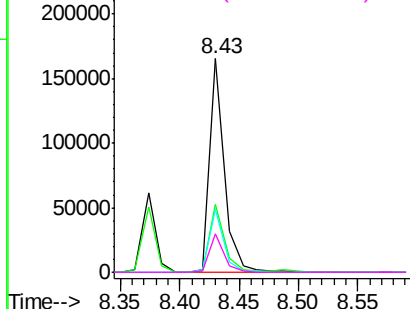
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 142667 |       |       |
| 129     | 31.6  | 25.3   | 37.9  |       |
| 65      | 29.4  | 23.5   | 35.3  |       |
| 92      | 17.8  | 14.2   | 21.4  |       |

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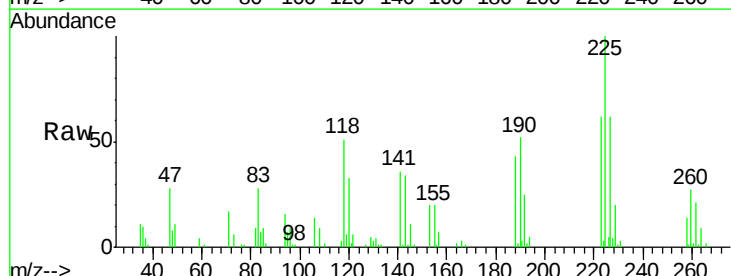


Abundance Ion 127.00 (126.70 to 127.70): E  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 65.00 (64.70 to 65.70): BF0  
 Ion 92.00 (91.70 to 92.70): BF0

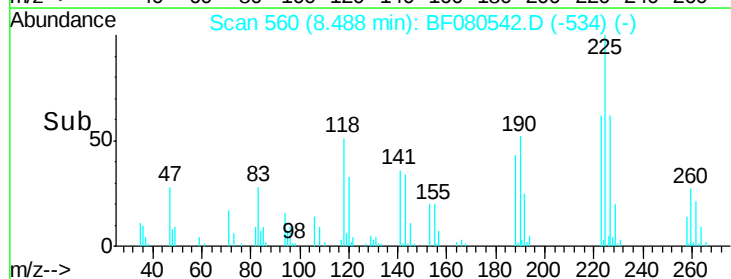
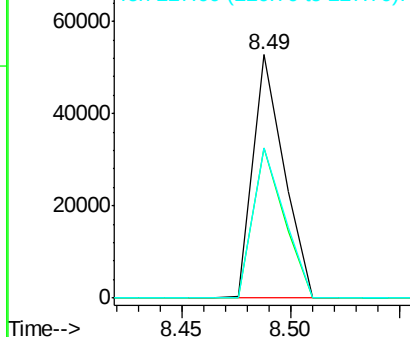


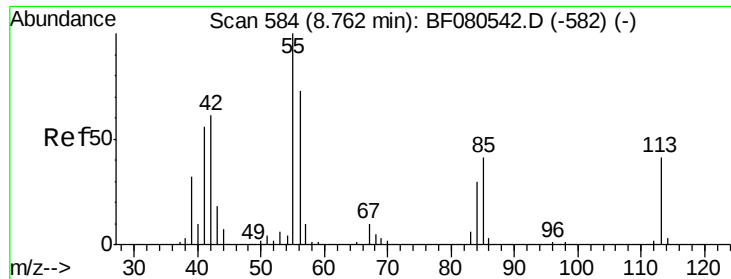
#34  
 Hexachlorobutadiene  
 Concen: 34.15 ng  
 RT: 8.49 min Scan# 560  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 52255 |       |       |
| 223     | 61.8  | 49.4  | 74.2  |       |
| 227     | 61.6  | 49.3  | 73.9  |       |



Abundance Ion 225.00 (224.70 to 225.70): E  
 Ion 223.00 (222.70 to 223.70): E  
 Ion 227.00 (226.70 to 227.70): E





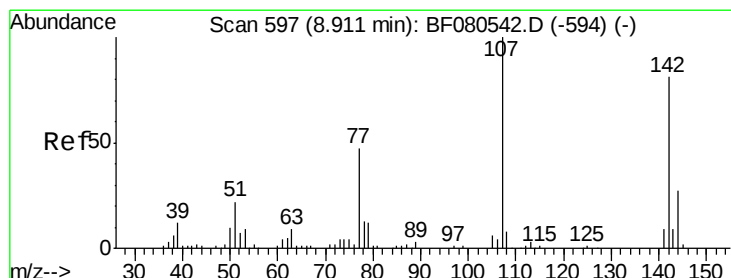
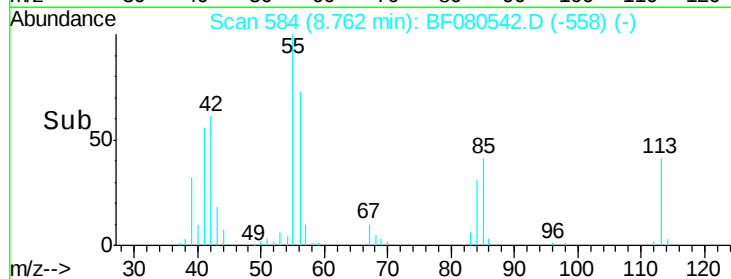
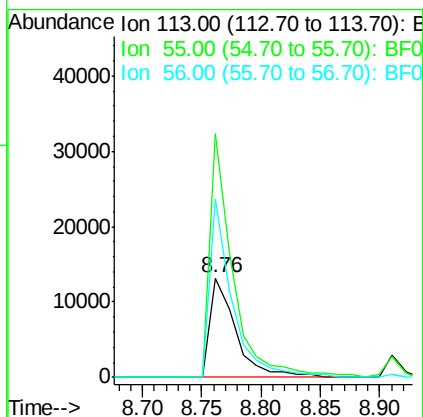
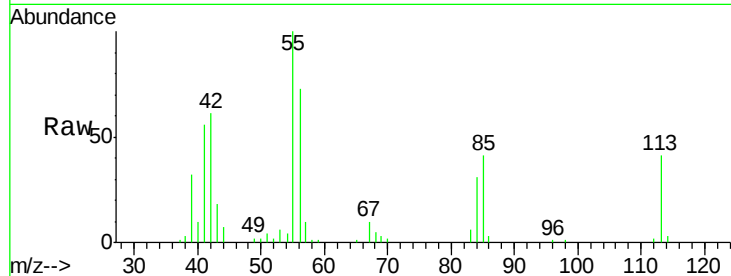
#35  
 Caprolactam  
 Concen: 35.91 ng  
 RT: 8.76 min Scan# 584  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 245.3 | 225.3 | 265.3 |
| 56      | 179.9 | 159.9 | 199.9 |

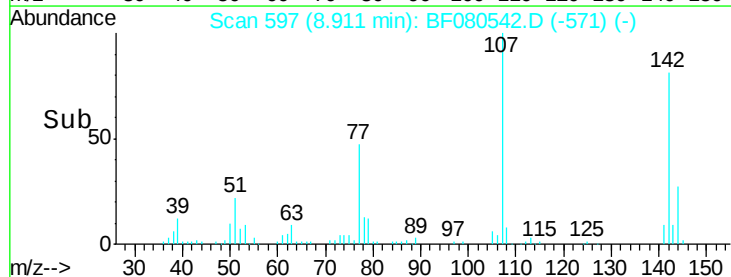
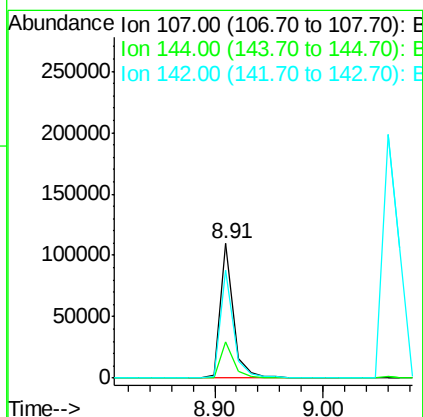
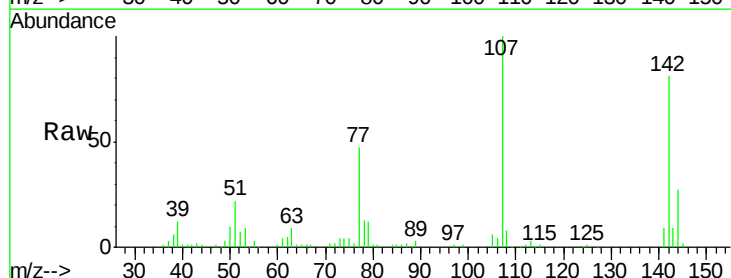
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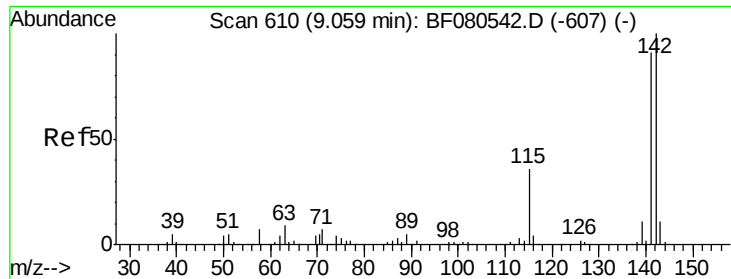
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#36  
 4-Chloro-3-methylphenol  
 Concen: 37.83 ng  
 RT: 8.91 min Scan# 597  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.7  | 21.4  | 32.0  |
| 142     | 80.5  | 64.4  | 96.6  |





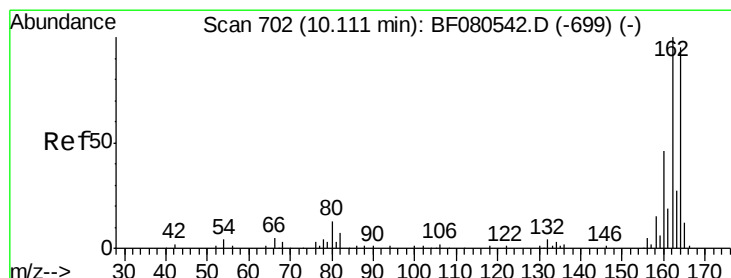
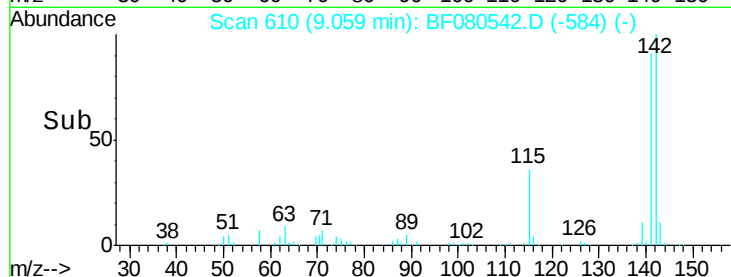
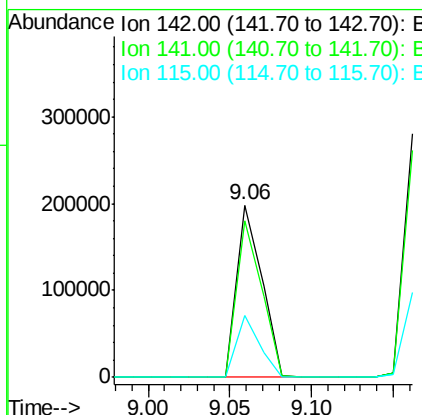
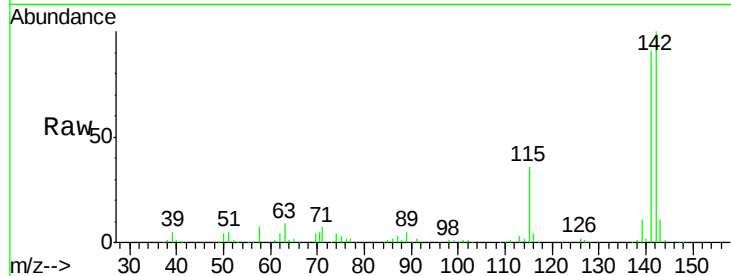
#37  
2-Methylnaphthalene  
Concen: 39.83 ng  
RT: 9.06 min Scan# 610  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.6  | 72.5  | 108.7 |
| 115     | 35.9  | 28.7  | 43.1  |

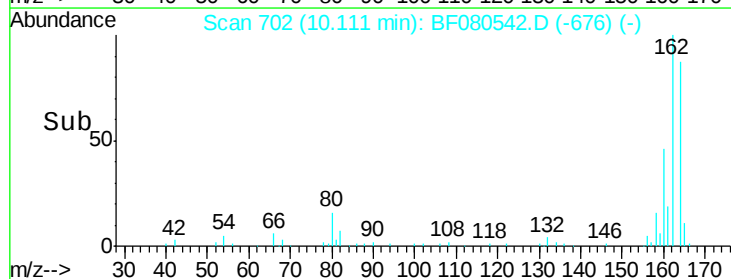
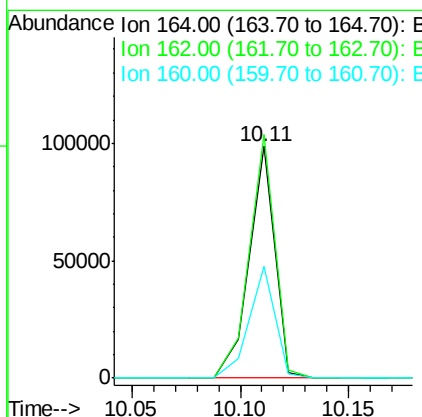
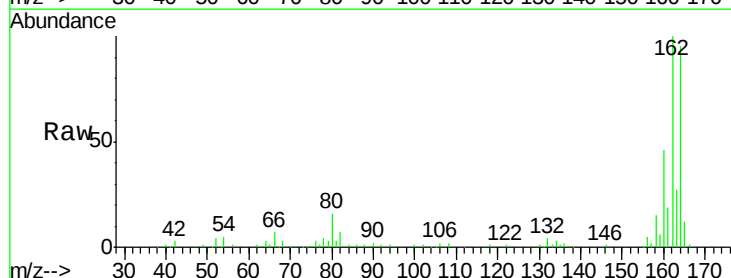
Manual Integrations  
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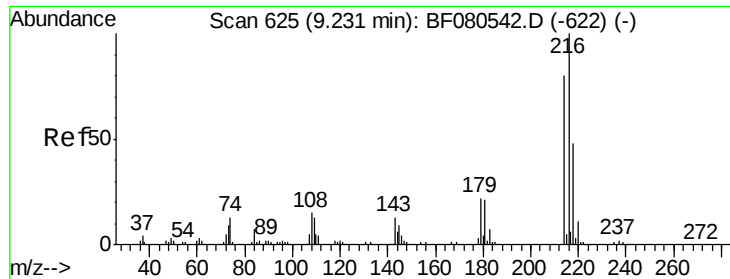
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.11 min Scan# 702  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.1 | 84.1  | 126.1 |
| 160     | 48.5  | 38.8  | 58.2  |





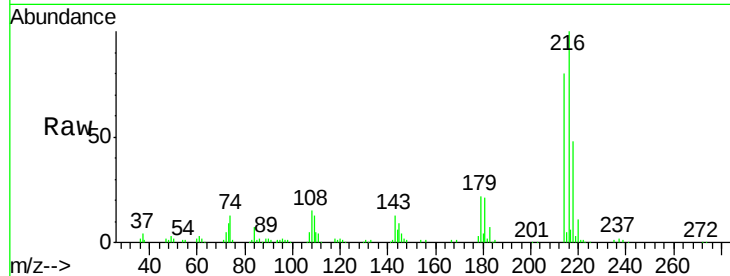
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 38.37 ng  
 RT: 9.23 min Scan# 625  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

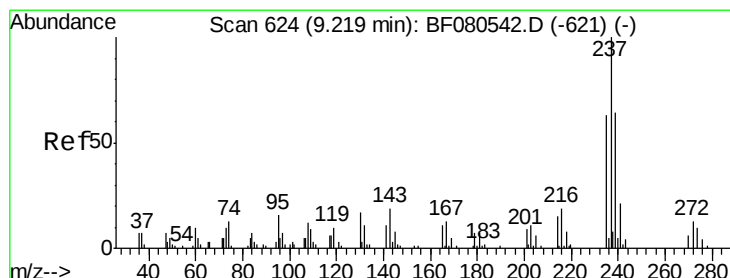
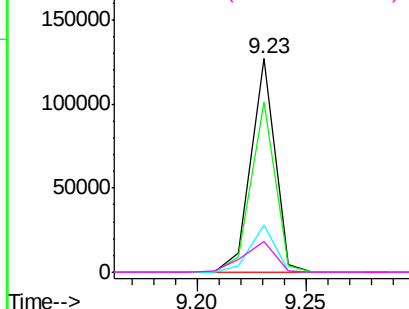
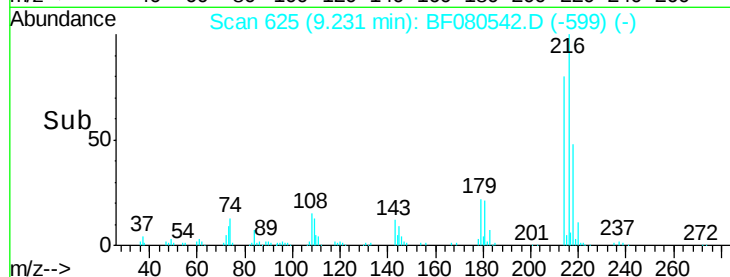
Manual Integrations  
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| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 216     | 100   | 98378 |       |       |
| 214     | 79.5  | 63.6  | 95.4  |       |
| 179     | 22.9  | 18.3  | 27.5  |       |
| 108     | 18.7  | 15.0  | 22.4  |       |

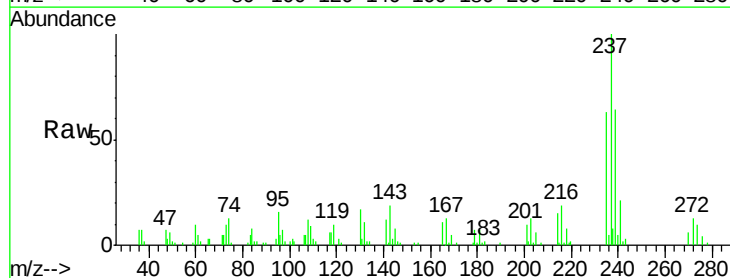


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

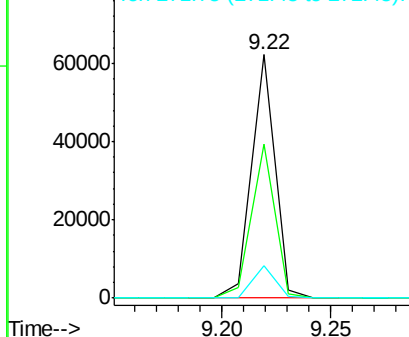
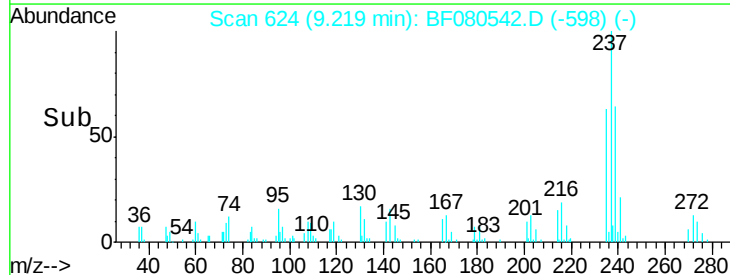


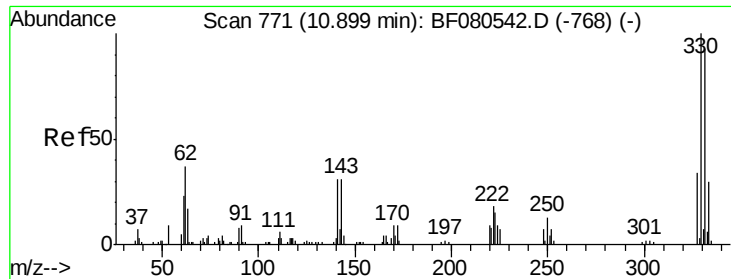
#40  
 Hexachlorocyclopentadiene  
 Concen: 37.60 ng  
 RT: 9.22 min Scan# 624  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 46754 |       |       |
| 235     | 63.1  | 43.1  | 83.1  |       |
| 272     | 13.3  | 0.0   | 33.3  |       |



Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E





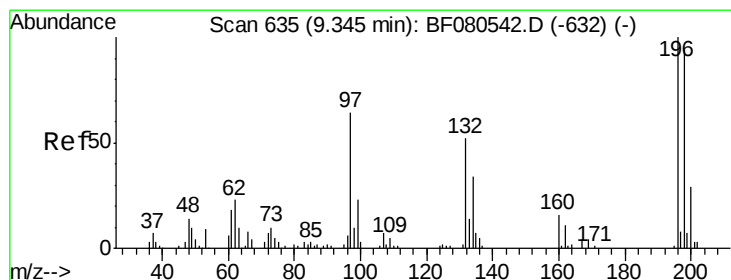
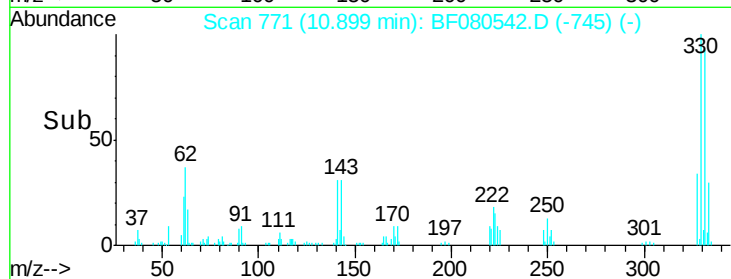
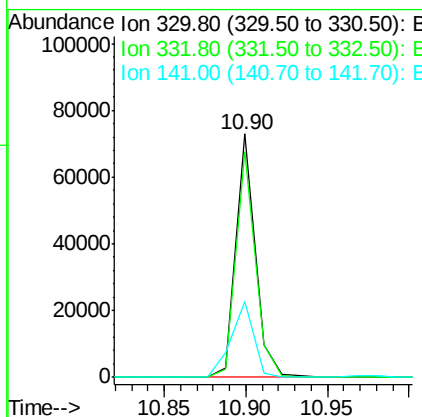
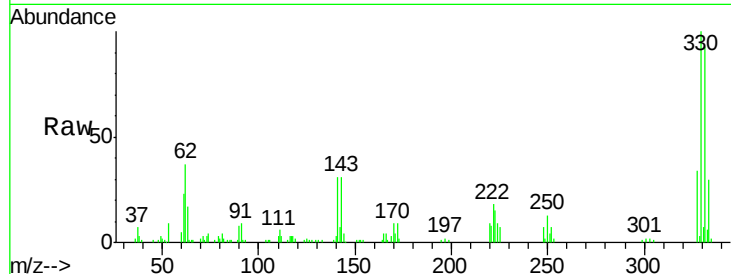
#41  
 2,4,6-Tribromophenol  
 Concen: 92.87 ng  
 RT: 10.90 min Scan# 771  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 59395 |       |       |
| 332     | 92.9  | 74.3  | 111.5 |       |
| 141     | 36.2  | 29.0  | 43.4  |       |

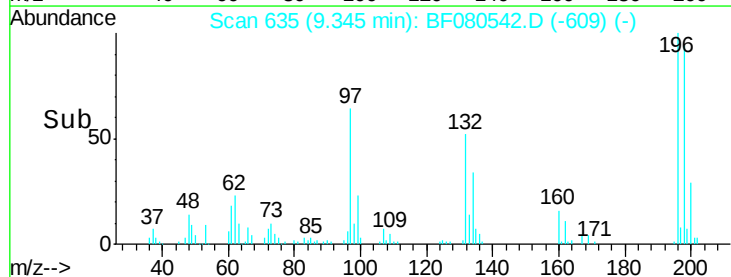
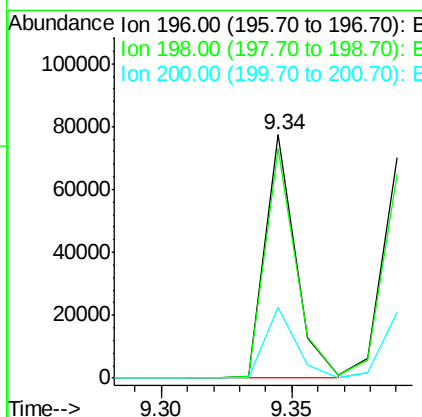
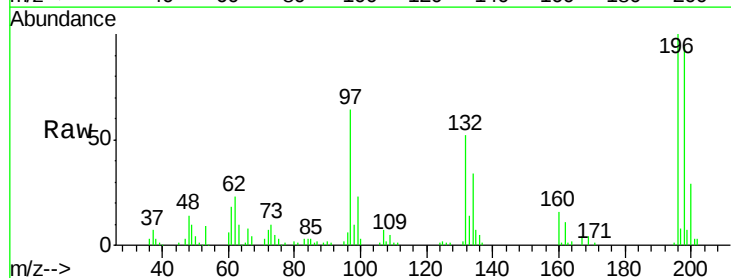
Manual Integrations  
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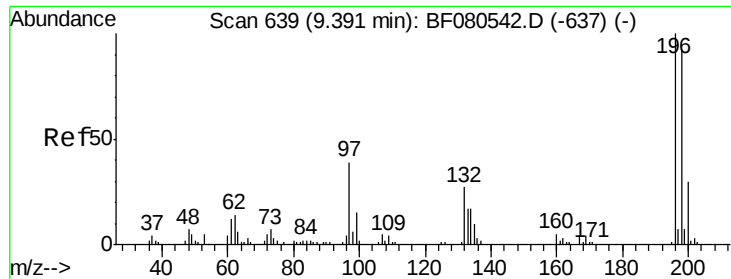
apatel  
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#42  
 2,4,6-Trichlorophenol  
 Concen: 40.88 ng  
 RT: 9.34 min Scan# 635  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

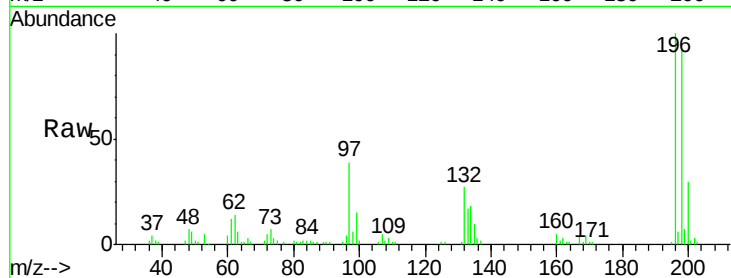
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 62969 |       |       |
| 198     | 94.3  | 75.4  | 113.2 |       |
| 200     | 29.1  | 23.3  | 34.9  |       |





#43  
 2,4,5-Trichlorophenol  
 Concen: 38.26 ng  
 RT: 9.39 min Scan# 639  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

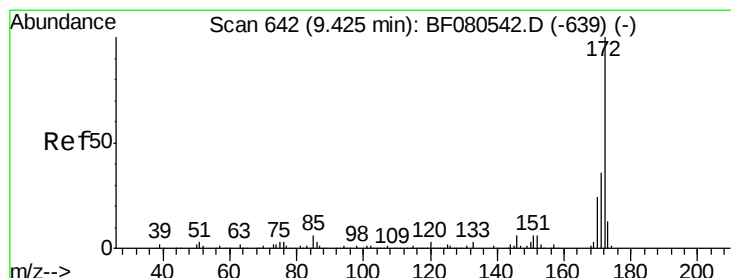
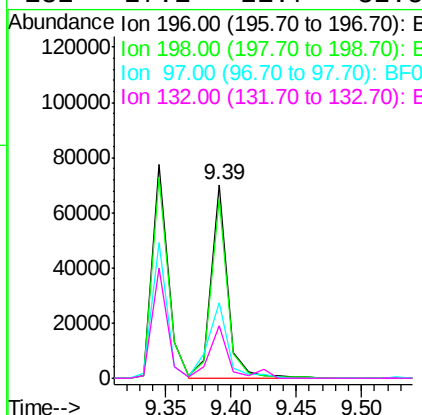
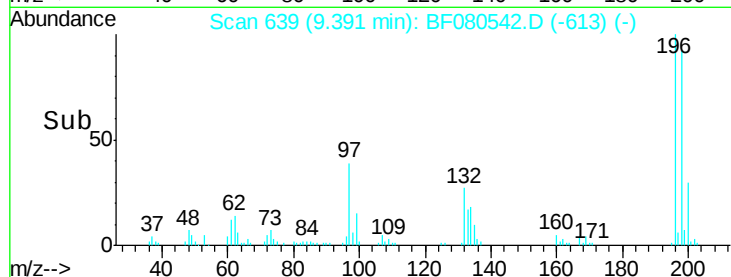
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 92.3  | 73.8  | 110.8 |
| 97      | 39.1  | 31.3  | 46.9  |
| 132     | 27.1  | 21.7  | 32.5  |

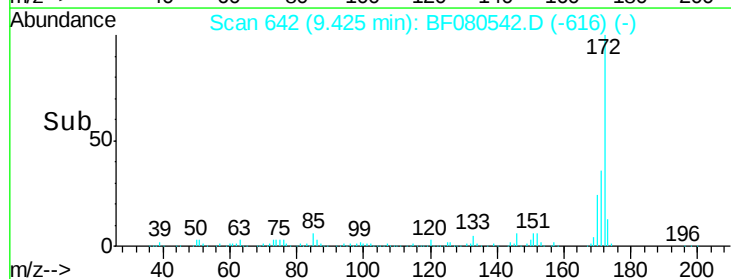
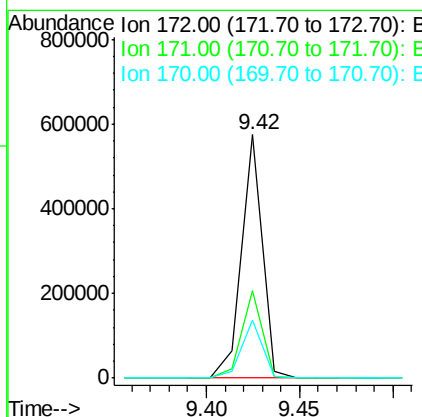
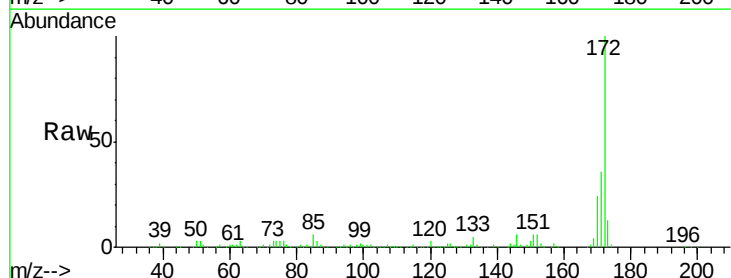
Manual Integrations  
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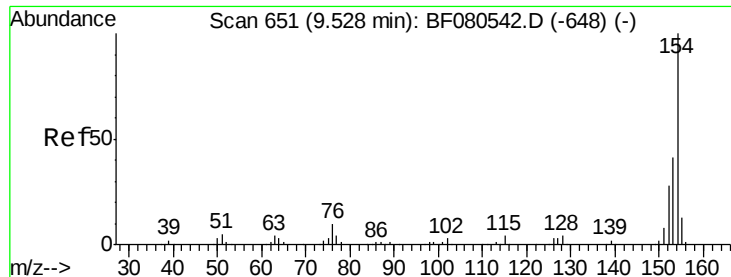
apatel  
 7/20/2015 3:44:00 PM



#44  
 2-Fluorobiphenyl  
 Concen: 76.51 ng  
 RT: 9.42 min Scan# 642  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

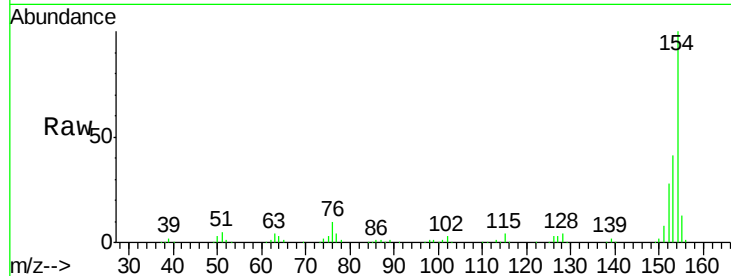
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.0  | 28.8  | 43.2  |
| 170     | 23.7  | 19.0  | 28.4  |





#45  
 1,1'-Biphenyl  
 Concen: 38.33 ng  
 RT: 9.53 min Scan# 651  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

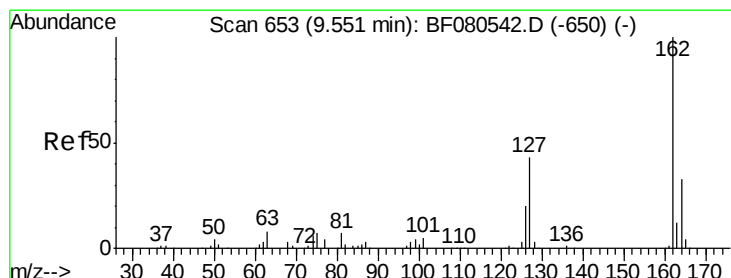
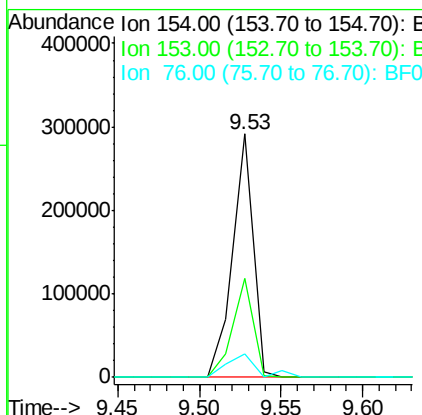
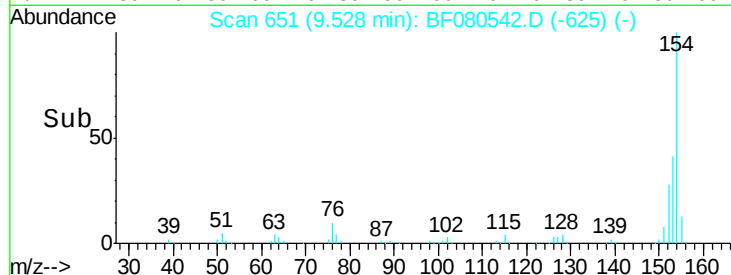
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040



| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 154     | 100   |            |            |
| 153     | 40.6  | 20.6       | 60.6       |
| 76      | 9.6   | 0.0        | 29.6       |

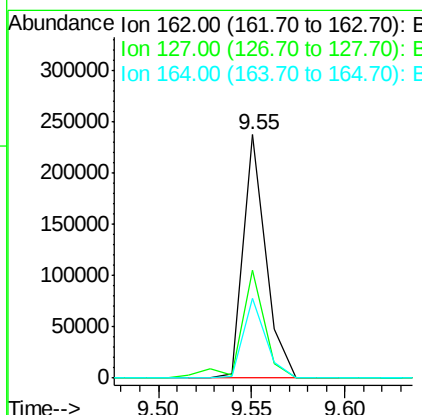
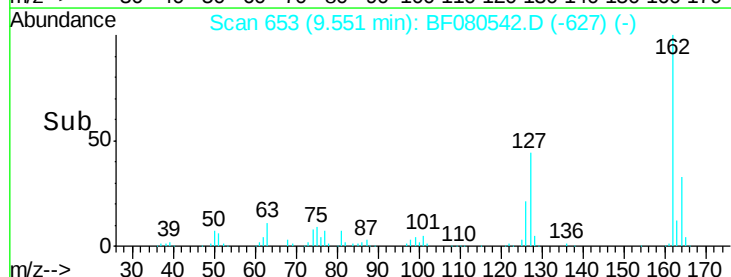
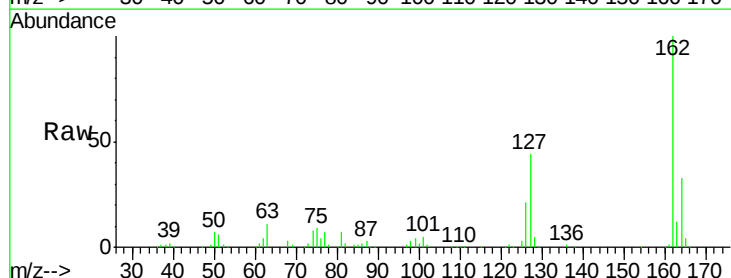
Manual Integrations  
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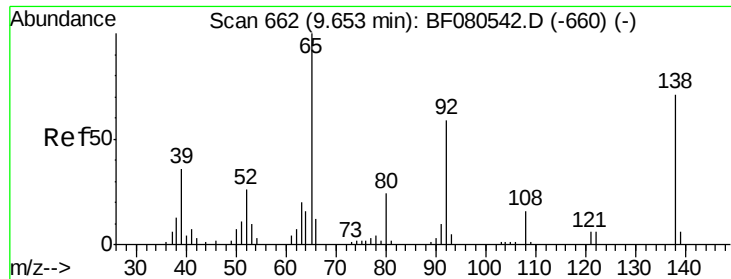
apatel  
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#46  
 2-Chloronaphthalene  
 Concen: 40.09 ng  
 RT: 9.55 min Scan# 653  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 127     | 44.3  | 35.4       | 53.2       |
| 164     | 32.7  | 26.2       | 39.2       |





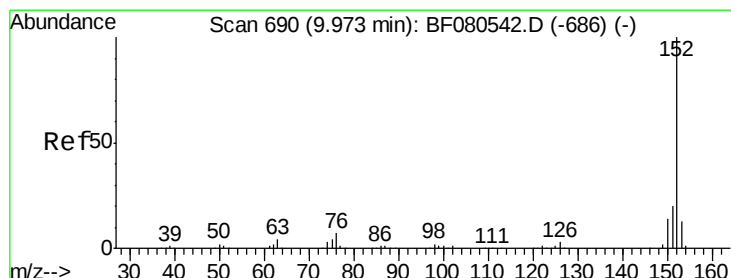
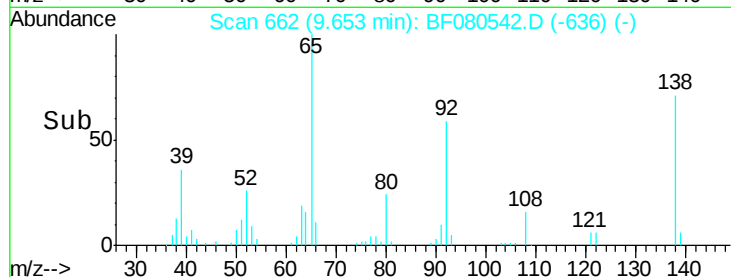
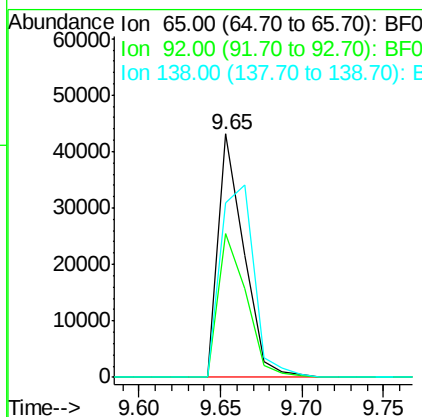
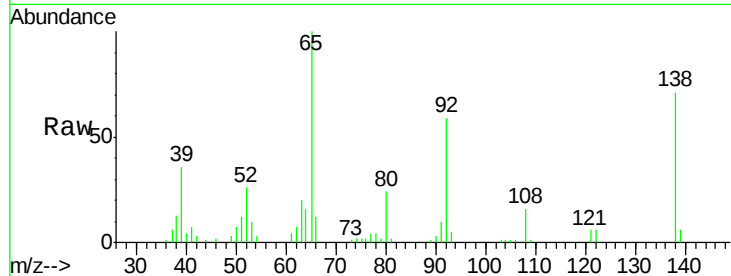
#47  
 2-Nitroaniline  
 Concen: 38.03 ng  
 RT: 9.65 min Scan# 662  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 59.2  | 47.4  | 71.0  |
| 138     | 71.4  | 57.1  | 85.7  |

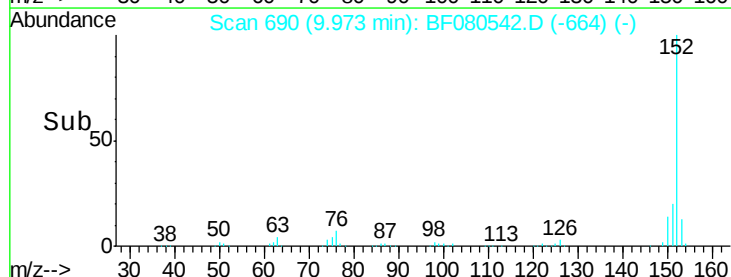
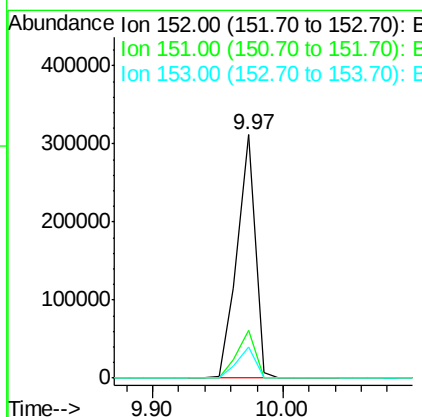
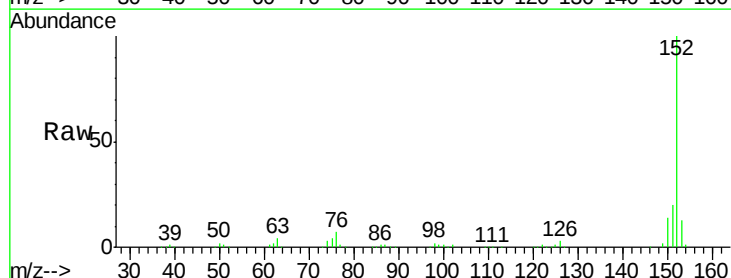
Manual Integrations  
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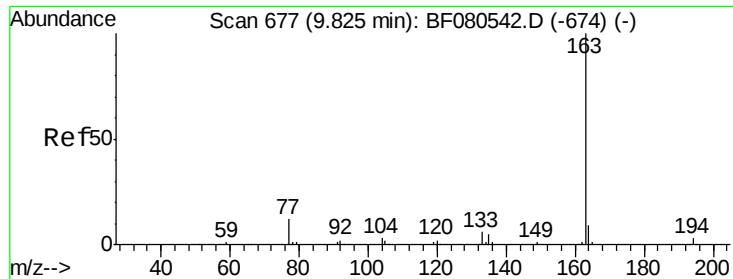
apatel  
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#48  
 Acenaphthylene  
 Concen: 36.70 ng  
 RT: 9.97 min Scan# 690  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.8  | 15.8  | 23.8  |
| 153     | 13.0  | 10.4  | 15.6  |





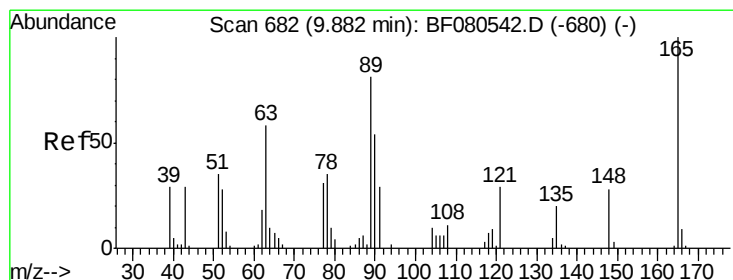
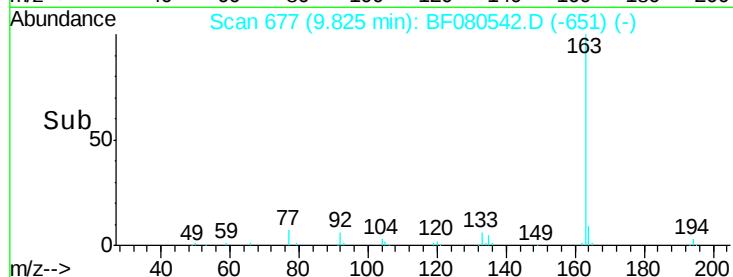
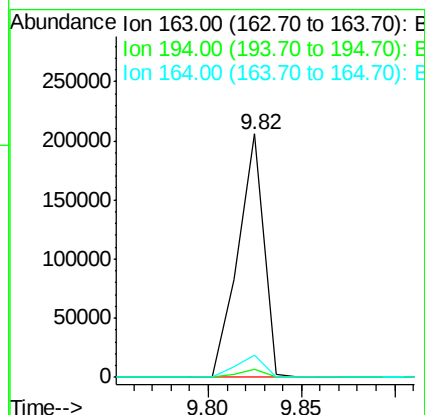
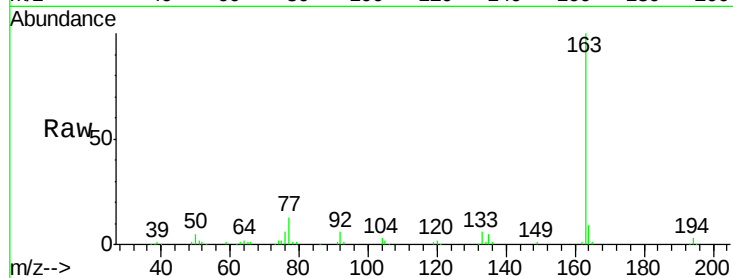
#49  
Dimethylphthalate  
Concen: 36.64 ng  
RT: 9.82 min Scan# 677  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.4   | 2.7        | 4.1        |
| 164     | 9.3   | 7.4        | 11.2       |

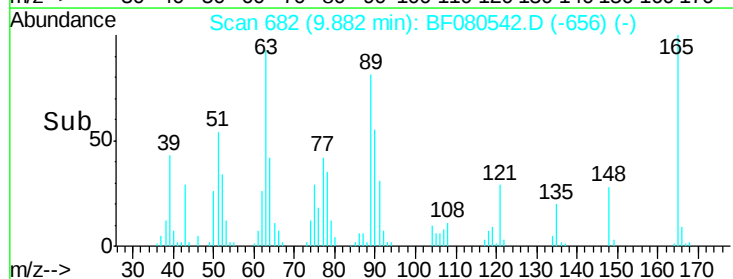
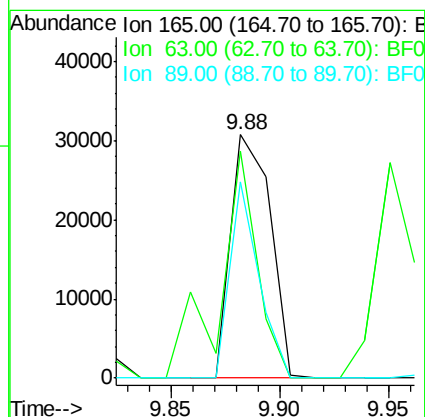
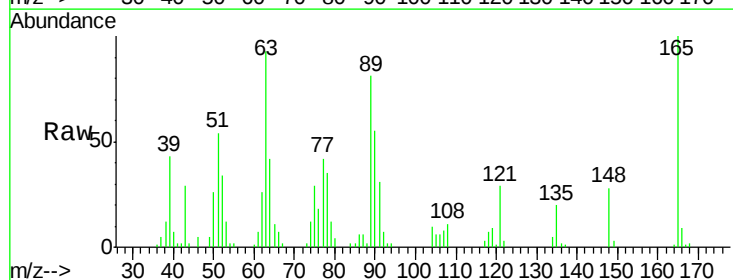
Manual Integrations  
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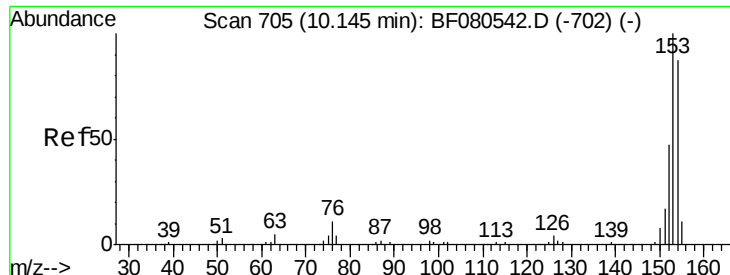
apatel  
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#50  
2,6-Dinitrotoluene  
Concen: 36.14 ng  
RT: 9.88 min Scan# 682  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 93.1  | 74.5       | 111.7      |
| 89      | 80.8  | 64.6       | 97.0       |





#51

Acenaphthene

Concen: 38.36 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF080542.D

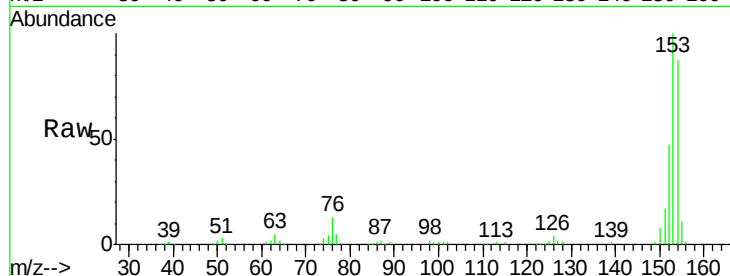
Acq: 17 Jul 2015 19:27

Instrument :

BNA\_F

ClientSampled :

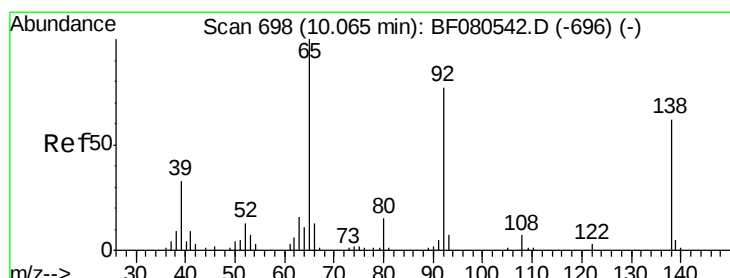
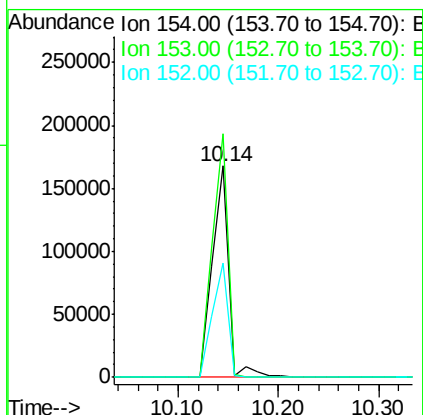
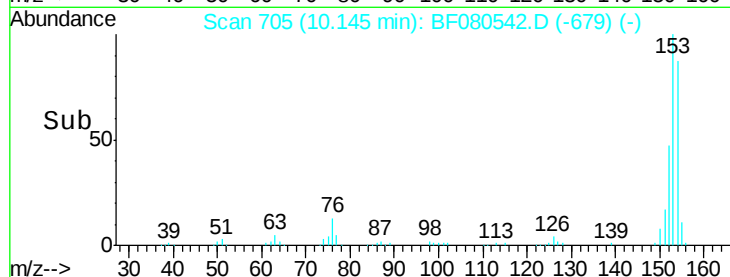
SSTDICCC040



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 186894 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 115.4 | 92.3  | 138.5  |
| 152       | 54.3  | 43.4  | 65.2   |

Manual Integrations  
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#52

3-Nitroaniline

Concen: 39.36 ng

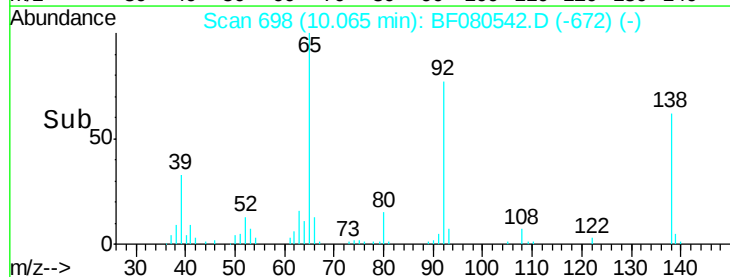
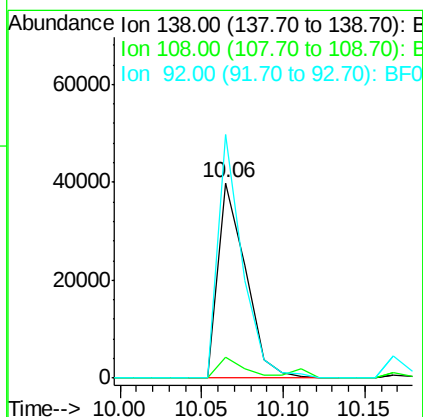
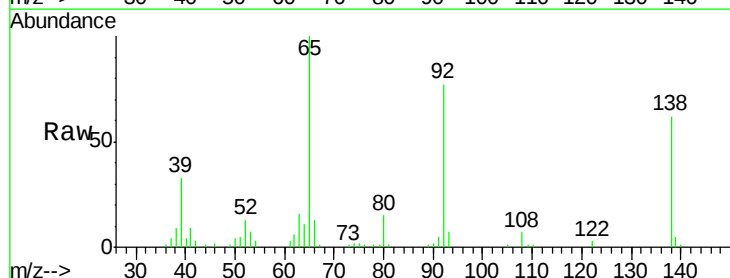
RT: 10.06 min Scan# 698

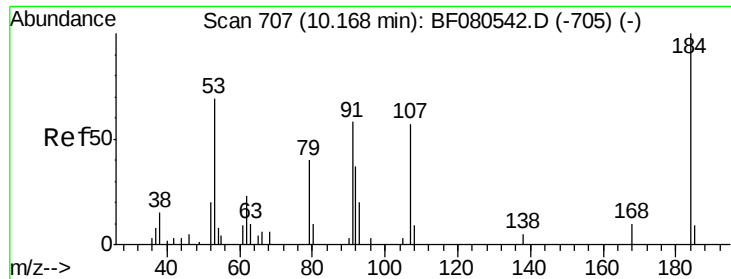
Delta R.T. 0.00 min

Lab File: BF080542.D

Acq: 17 Jul 2015 19:27

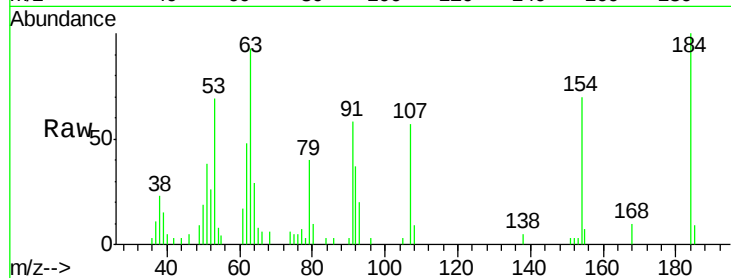
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 46895 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 10.7  | 8.6   | 12.8  |
| 92        | 124.6 | 99.7  | 149.5 |





#53  
 2,4-Dinitrophenol  
 Concen: 36.46 ng  
 RT: 10.17 min Scan# 707  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

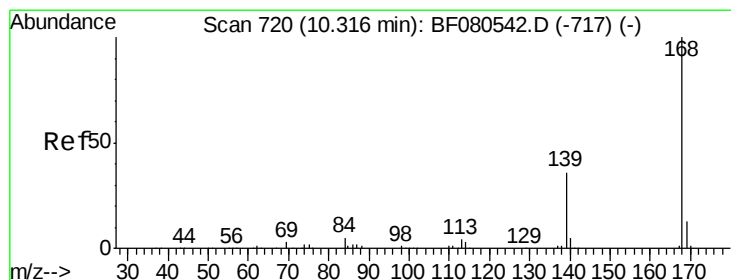
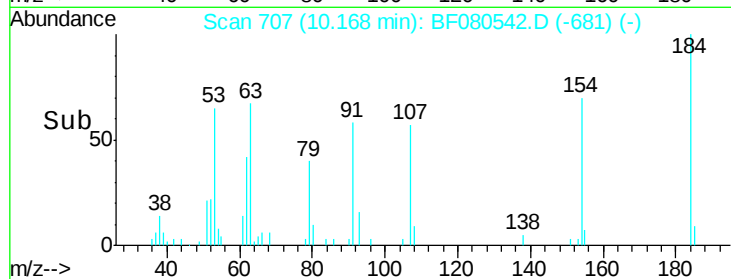
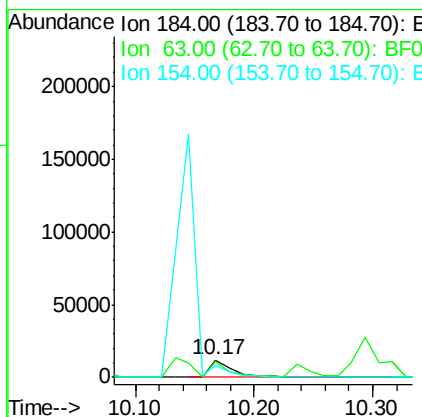
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040



| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 16776 |       |       |
| 63      | 93.5  | 74.8  | 112.2 |       |
| 154     | 69.5  | 55.6  | 83.4  |       |

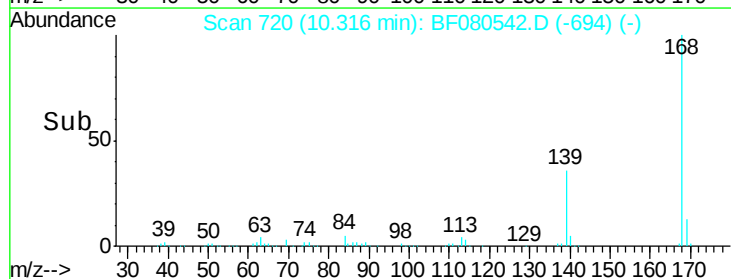
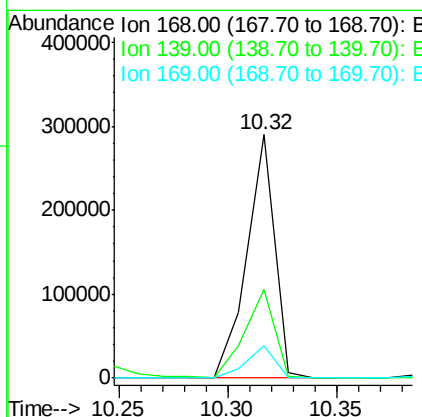
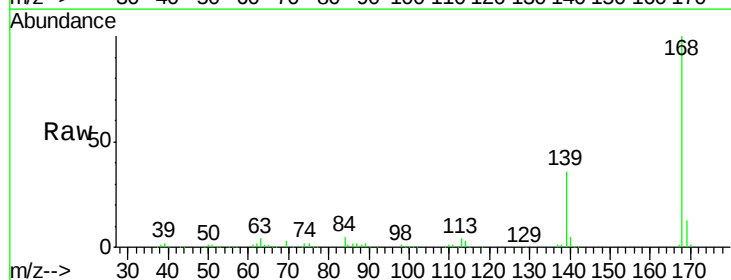
Manual Integrations  
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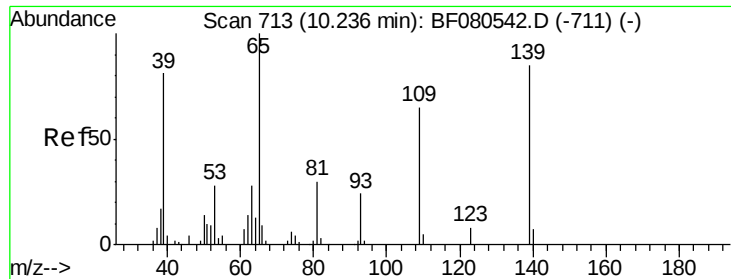
apatel  
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#54  
 Dibenzofuran  
 Concen: 36.89 ng  
 RT: 10.32 min Scan# 720  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 257887 |       |       |
| 139     | 36.2  | 29.0   | 43.4  |       |
| 169     | 13.2  | 10.6   | 15.8  |       |





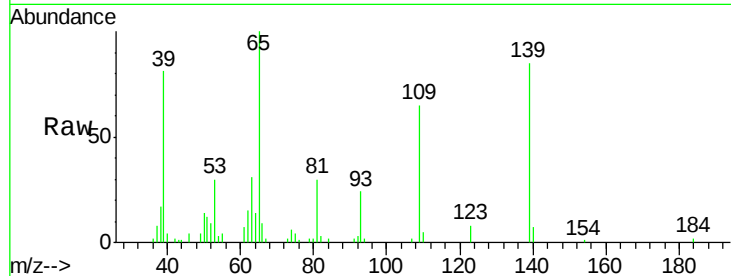
#55  
4-Nitrophenol  
Concen: 38.94 ng  
RT: 10.24 min Scan# 713  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

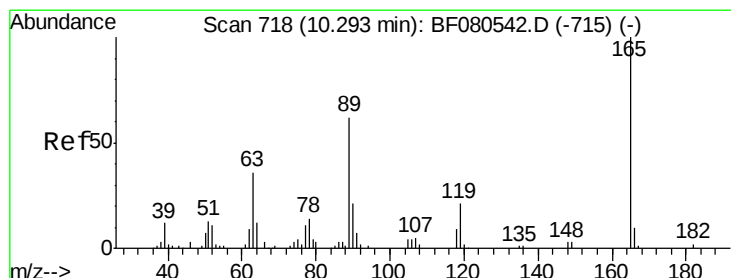
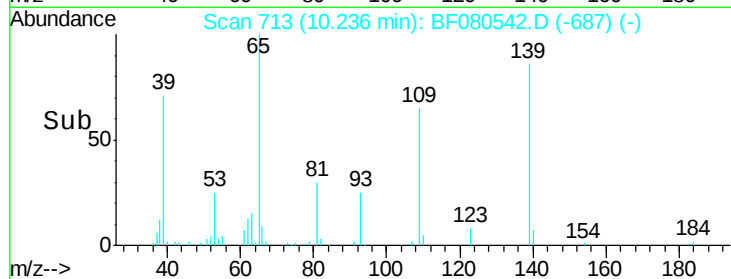
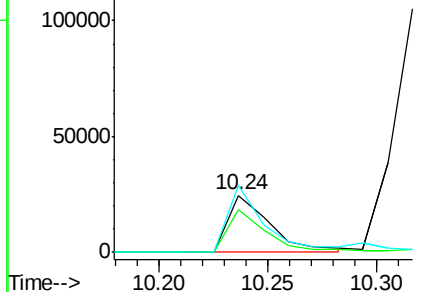
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 33204 |       |       |
| 109     | 76.0  | 56.0  | 96.0  |       |
| 65      | 117.3 | 97.3  | 137.3 |       |

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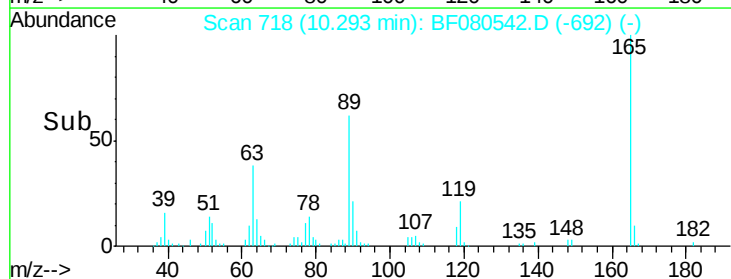
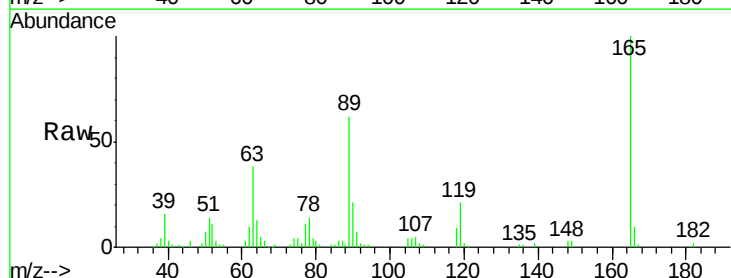
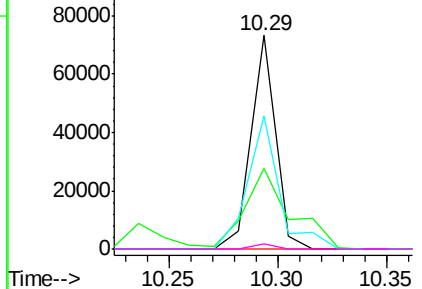
Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

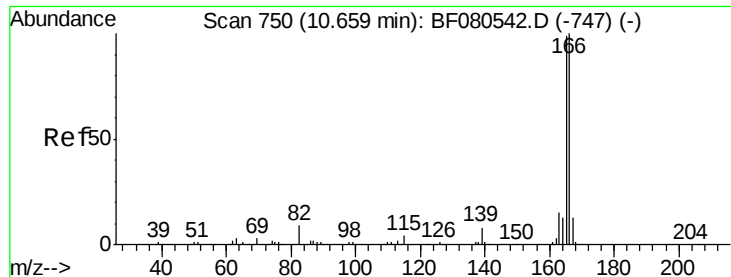


#56  
2,4-Dinitrotoluene  
Concen: 37.28 ng  
RT: 10.29 min Scan# 718  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 57546 |       |       |
| 63      | 37.8  | 30.2  | 45.4  |       |
| 89      | 62.4  | 49.9  | 74.9  |       |
| 182     | 2.2   | 1.8   | 2.6   |       |

Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0  
Ion 182.00 (181.70 to 182.70): E





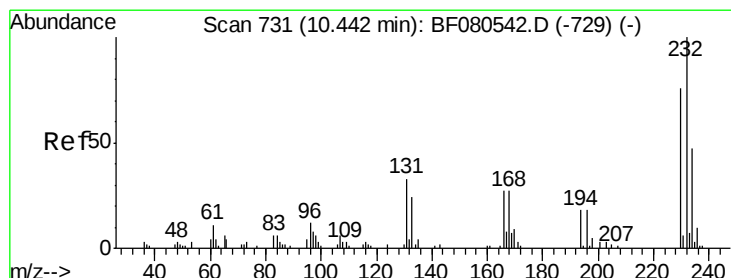
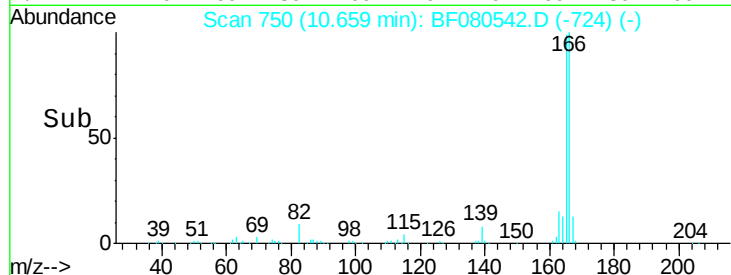
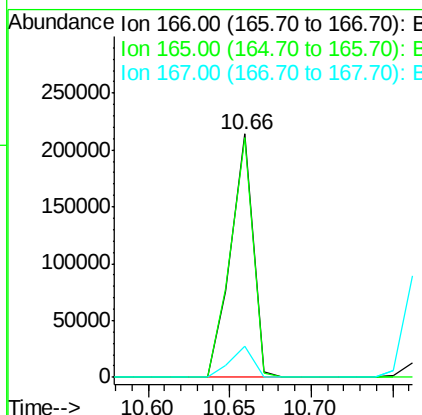
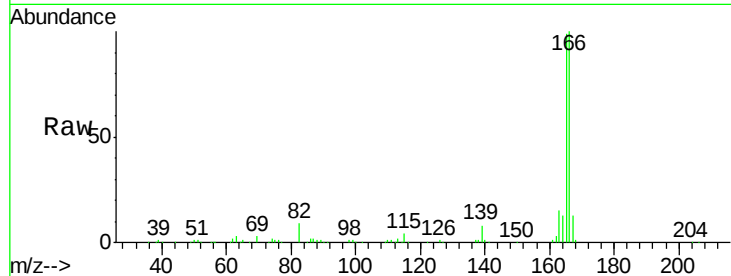
#57  
 Fluorene  
 Concen: 36.78 ng  
 RT: 10.66 min Scan# 750  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.7  | 79.0  | 118.4 |
| 167     | 12.6  | 10.1  | 15.1  |

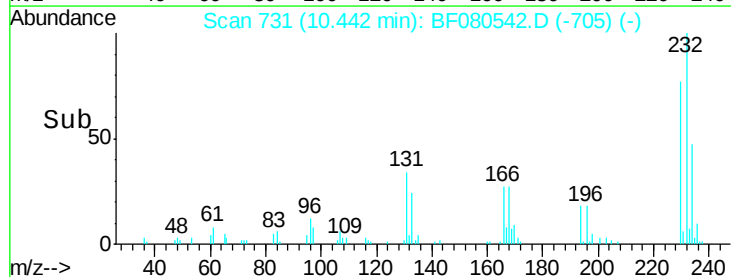
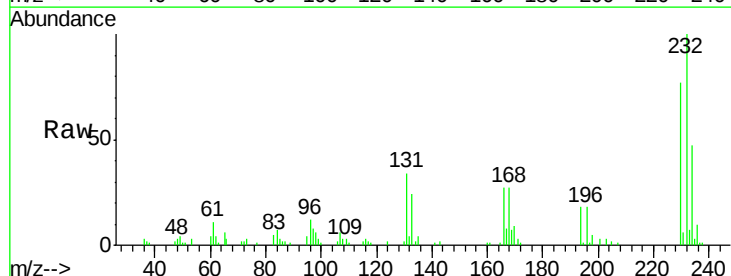
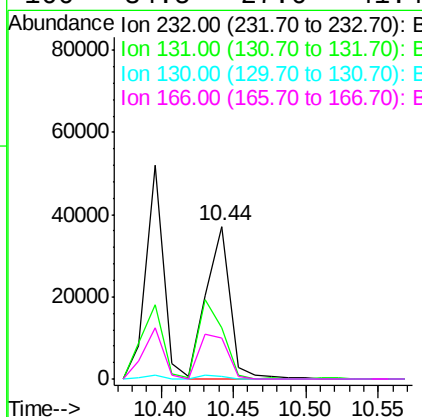
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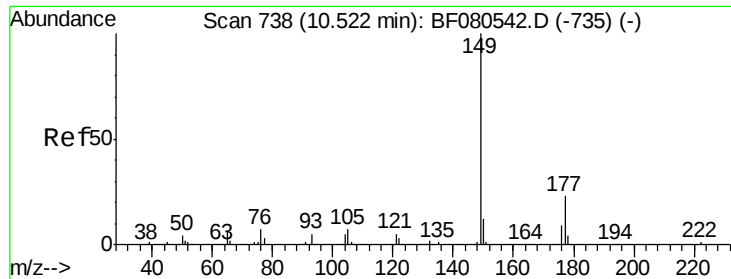
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#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 35.97 ng  
 RT: 10.44 min Scan# 731  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 53.4  | 42.7  | 64.1  |
| 130     | 2.2   | 1.8   | 2.6   |
| 166     | 34.5  | 27.6  | 41.4  |





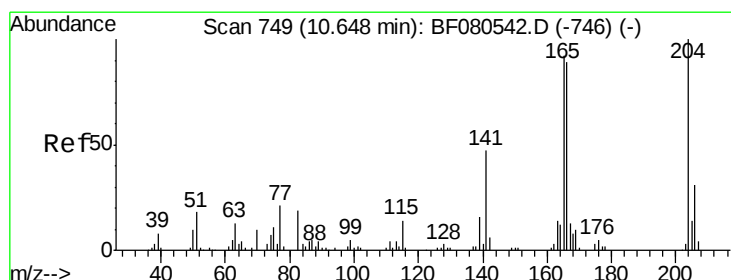
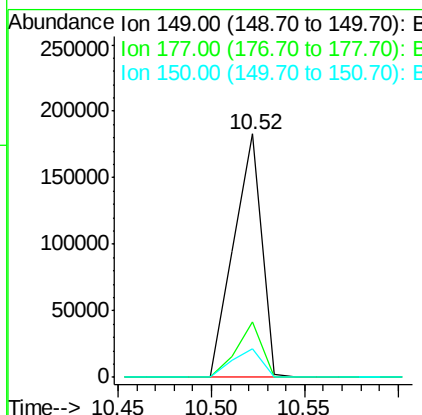
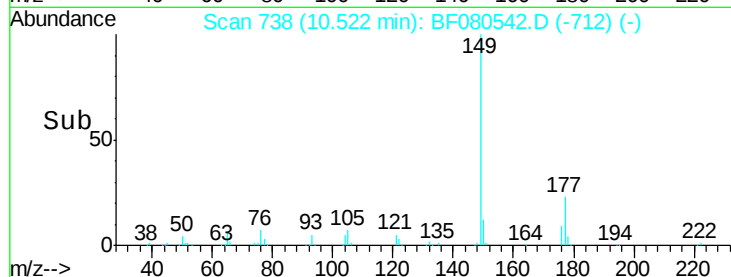
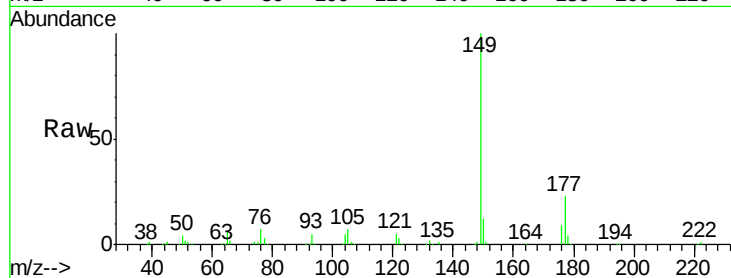
#59  
Diethylphthalate  
Concen: 37.21 ng  
RT: 10.52 min Scan# 738  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.0  | 18.4  | 27.6  |
| 150     | 12.0  | 9.6   | 14.4  |

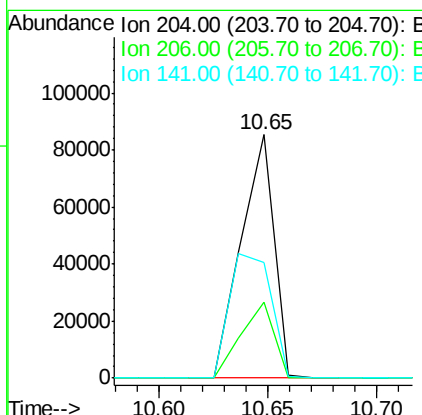
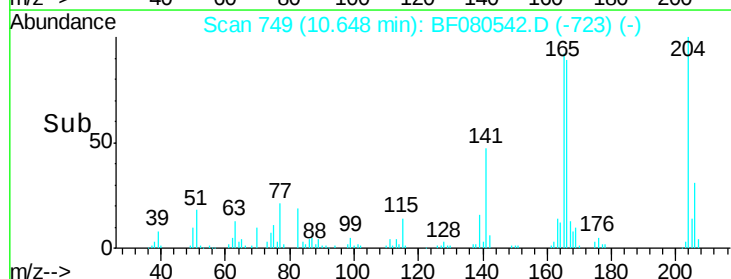
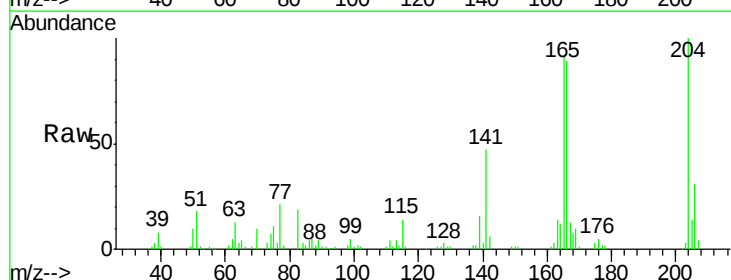
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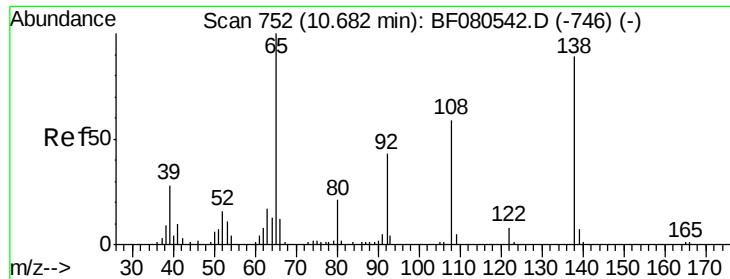
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#60  
4-Chlorophenyl-phenylether  
Concen: 36.31 ng  
RT: 10.65 min Scan# 749  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 31.1  | 24.9  | 37.3  |
| 141     | 47.4  | 37.9  | 56.9  |





#61

4-Nitroaniline

Concen: 41.95 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF080542.D

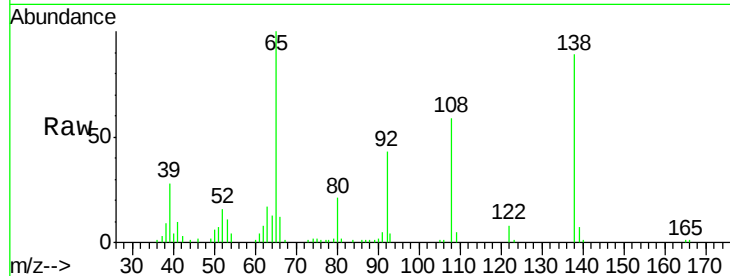
Acq: 17 Jul 2015 19:27

Instrument :

BNA\_F

ClientSampleId :

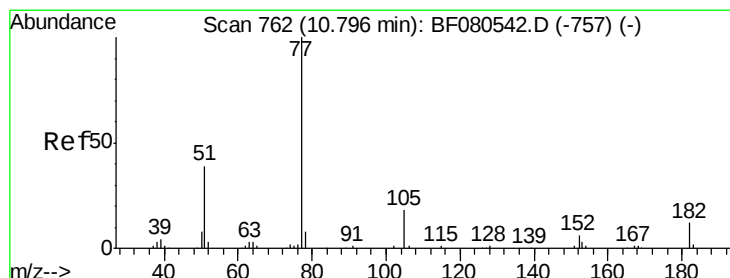
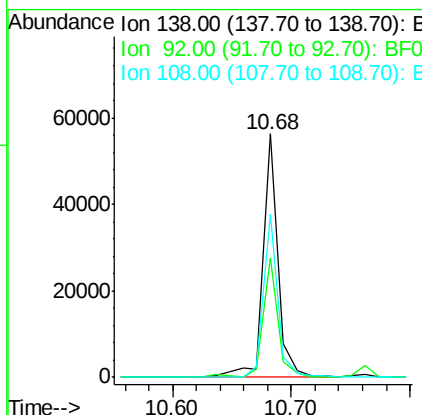
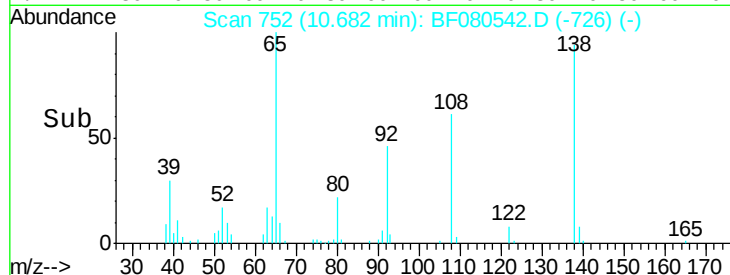
SSTDICCC040



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 49517 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 92        | 48.9  | 28.9  | 68.9  |
| 108       | 66.9  | 46.9  | 86.9  |

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#62

Azobenzene

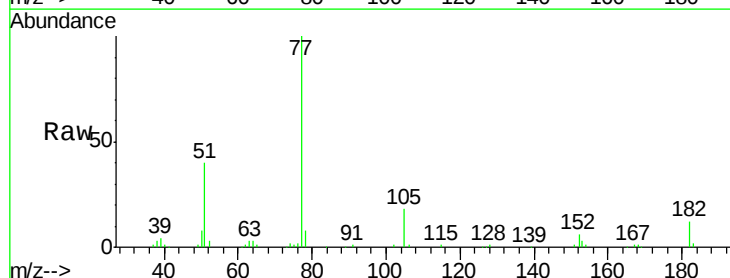
Concen: 35.60 ng

RT: 10.80 min Scan# 762

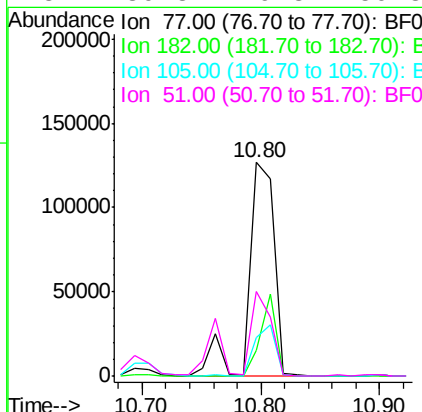
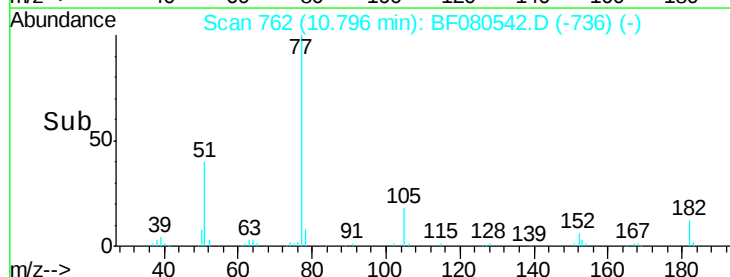
Delta R.T. 0.00 min

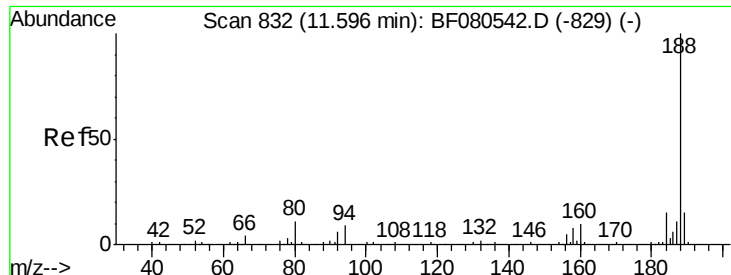
Lab File: BF080542.D

Acq: 17 Jul 2015 19:27



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 190467 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 11.9  | 0.0   | 31.9   |
| 105       | 18.0  | 0.0   | 38.0   |
| 51        | 39.8  | 19.8  | 59.8   |





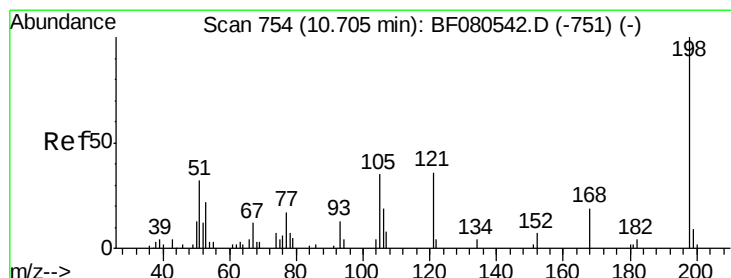
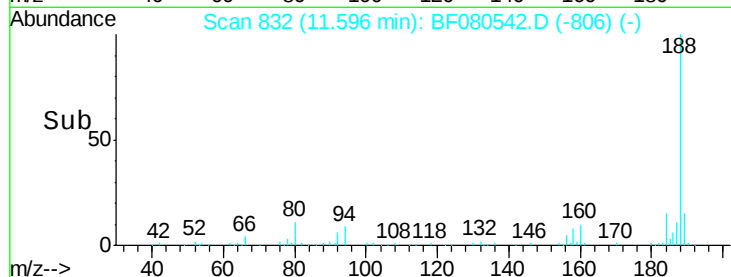
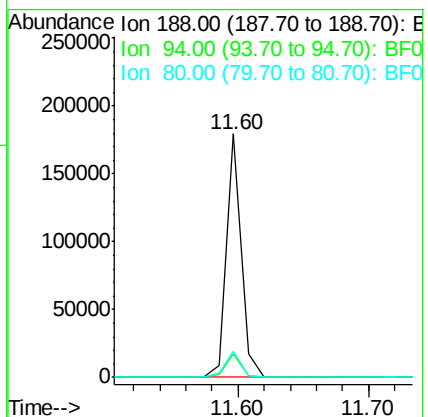
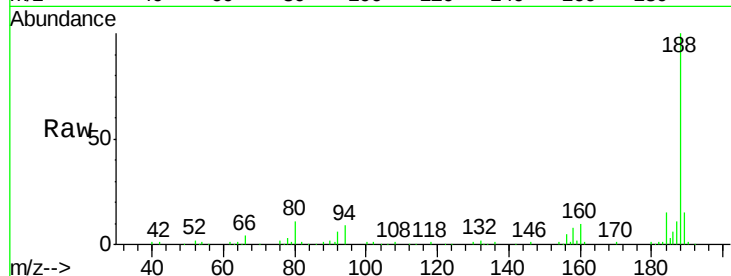
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.60 min Scan# 832  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 9.5   | 7.6        | 11.4       |
| 80      | 10.7  | 8.6        | 12.8       |

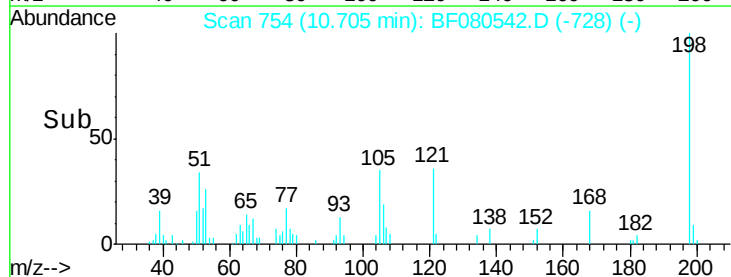
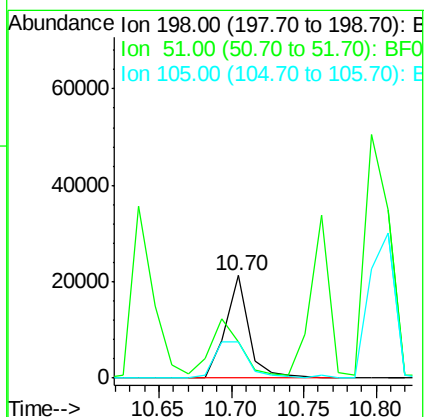
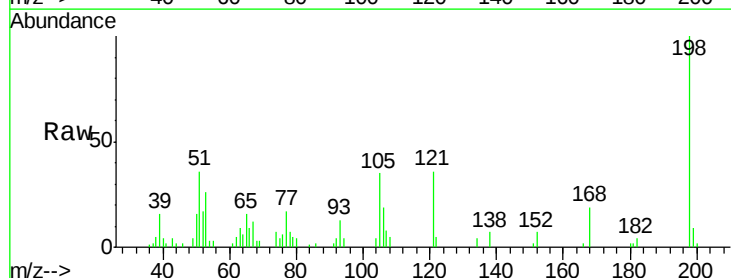
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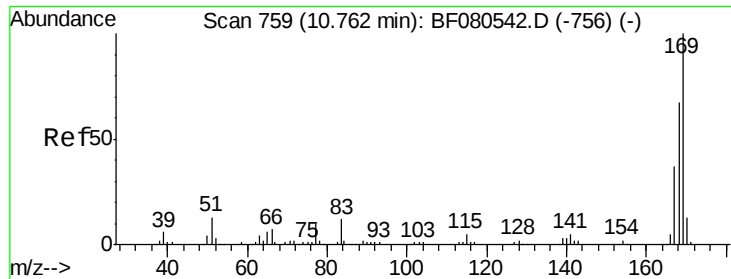
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#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 35.50 ng  
 RT: 10.70 min Scan# 754  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 36.0  | 16.0       | 56.0       |
| 105     | 35.1  | 15.1       | 55.1       |





#65

n-Nitrosodiphenylamine

Concen: 39.34 ng

RT: 10.76 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF080542.D

Acq: 17 Jul 2015 19:27

Instrument :

BNA\_F

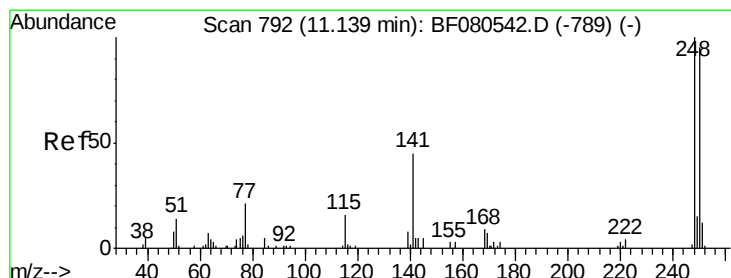
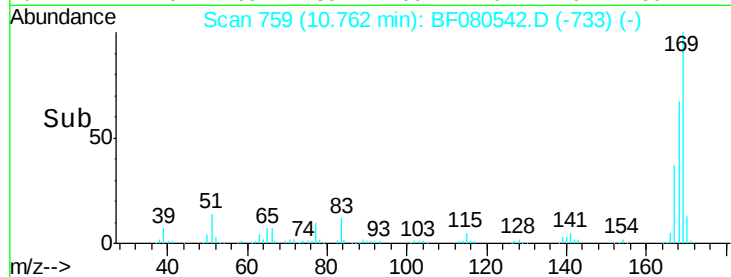
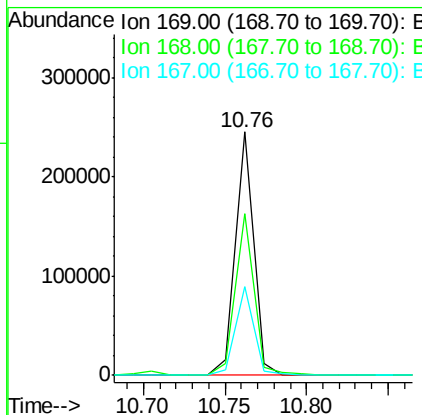
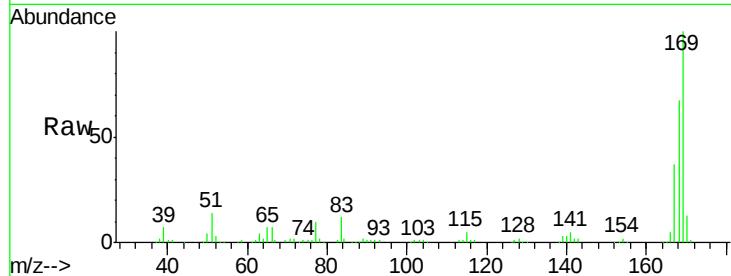
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 188572 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 66.6  | 53.3  | 79.9   |
| 167       | 36.6  | 29.3  | 43.9   |

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#66

4-Bromophenyl-phenylether

Concen: 35.39 ng

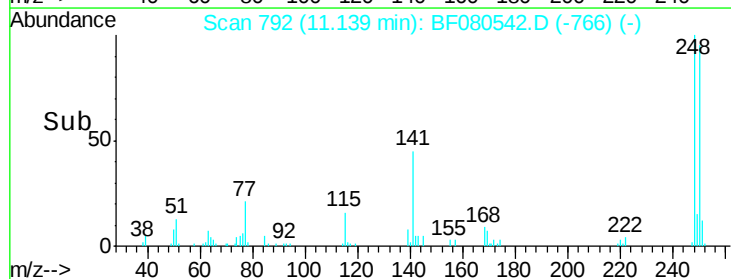
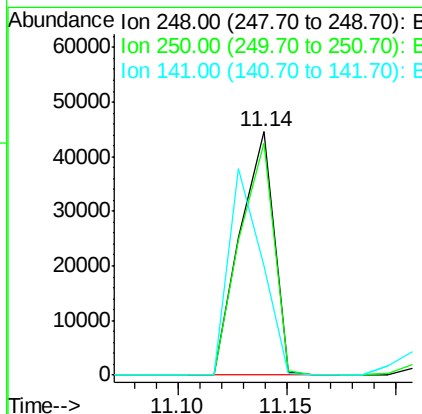
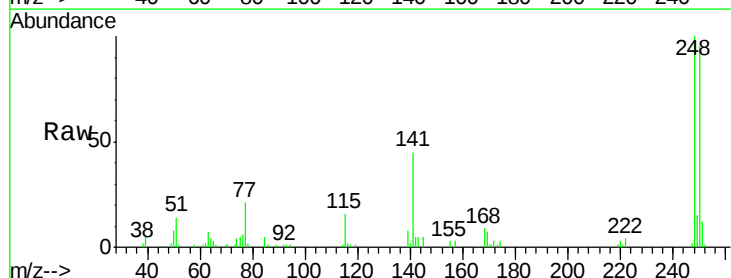
RT: 11.14 min Scan# 792

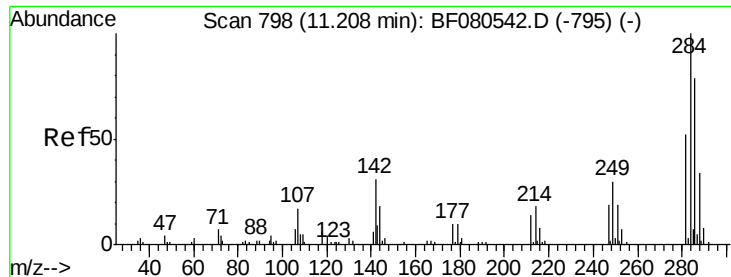
Delta R.T. 0.00 min

Lab File: BF080542.D

Acq: 17 Jul 2015 19:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 48210 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 95.5  | 76.4  | 114.6 |
| 141       | 45.0  | 36.0  | 54.0  |





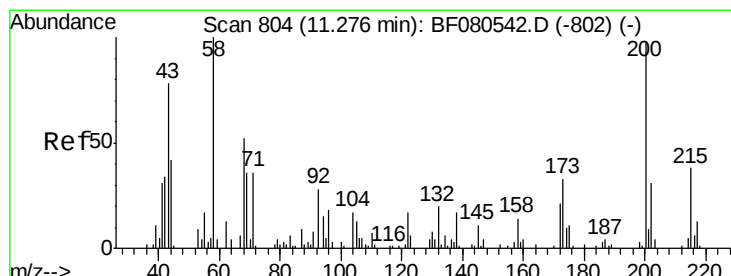
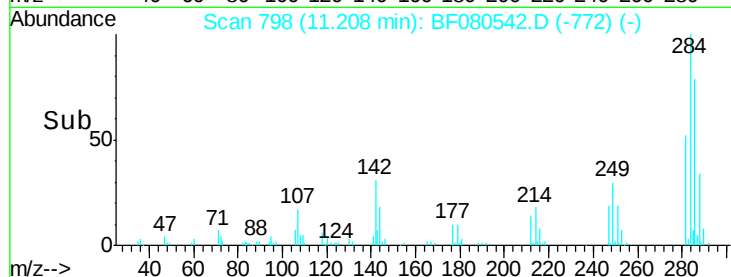
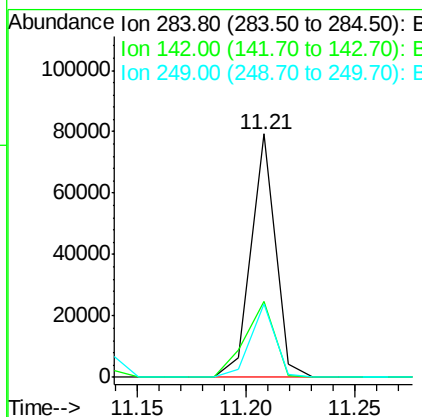
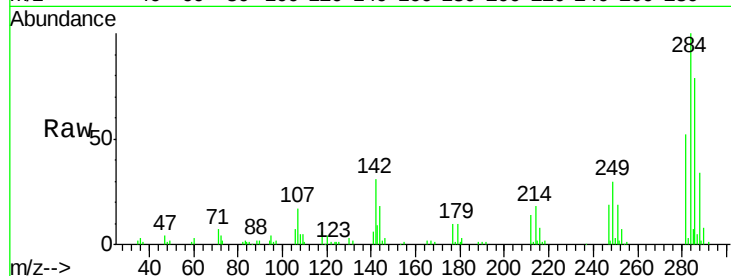
#67  
Hexachlorobenzene  
Concen: 40.41 ng  
RT: 11.21 min Scan# 798  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

Instrument :  
BNA\_F  
ClientSampled :  
SSTDICCC040

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 284     | 100   | 61787 |       |       |
| 142     | 31.0  | 24.8  | 37.2  |       |
| 249     | 30.2  | 24.2  | 36.2  |       |

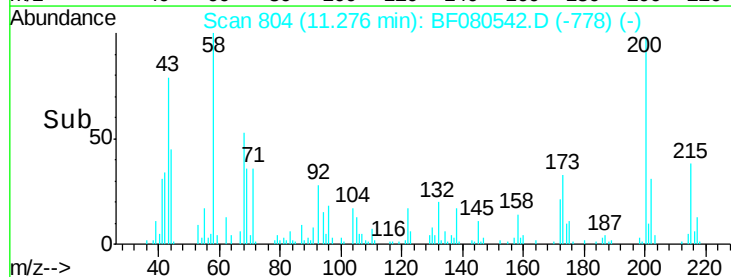
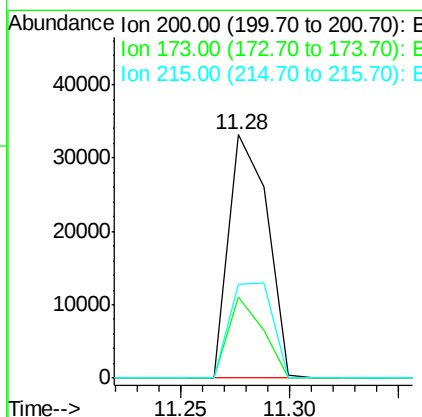
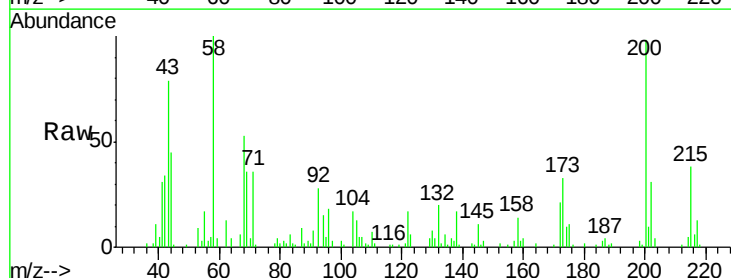
Manual Integrations  
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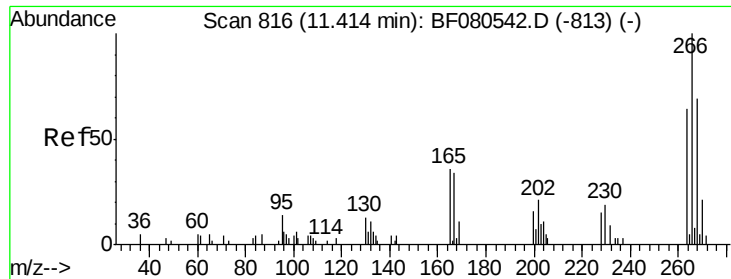
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#68  
Atrazine  
Concen: 31.91 ng  
RT: 11.28 min Scan# 804  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 40961 |       |       |
| 173     | 33.2  | 13.2  | 53.2  |       |
| 215     | 38.7  | 18.7  | 58.7  |       |





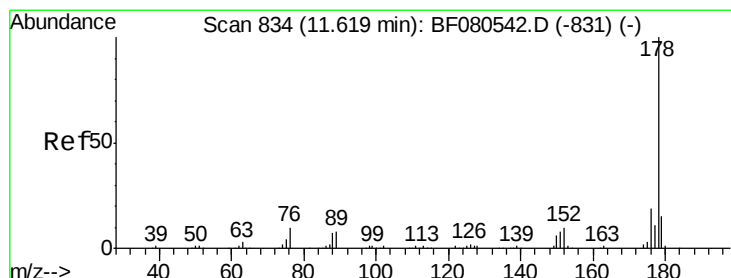
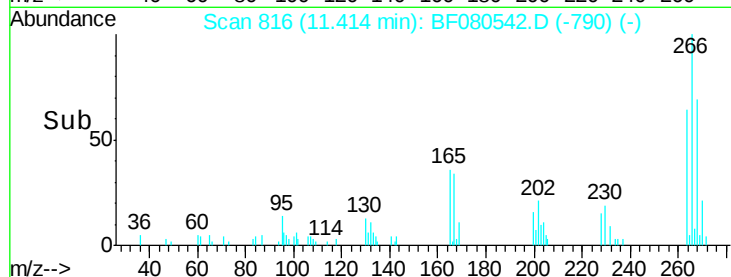
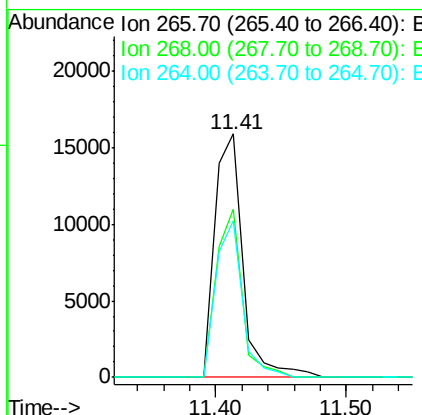
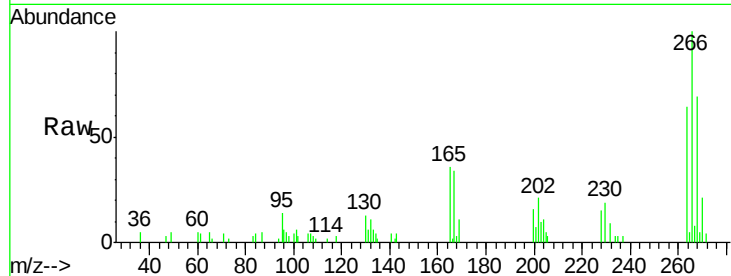
#69  
 Pentachlorophenol  
 Concen: 33.97 ng  
 RT: 11.41 min Scan# 816  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 23832 |       |       |
| 268     | 68.8  | 55.0  | 82.6  |       |
| 264     | 64.2  | 51.4  | 77.0  |       |

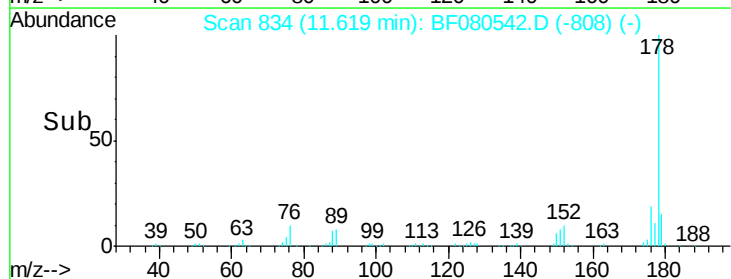
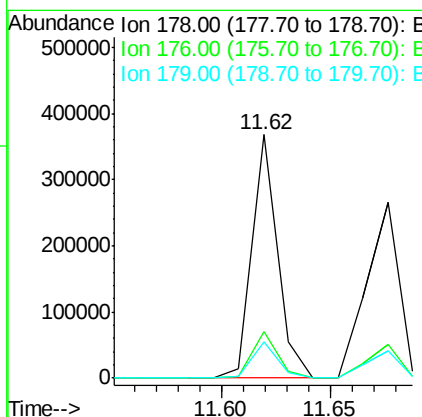
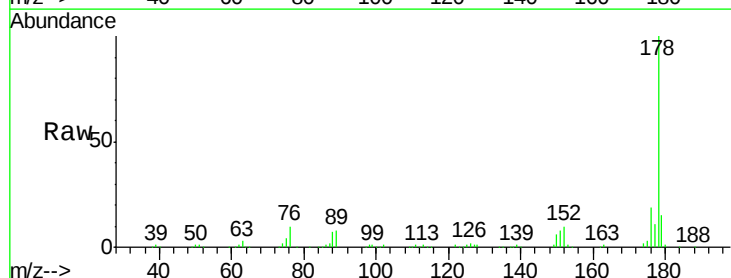
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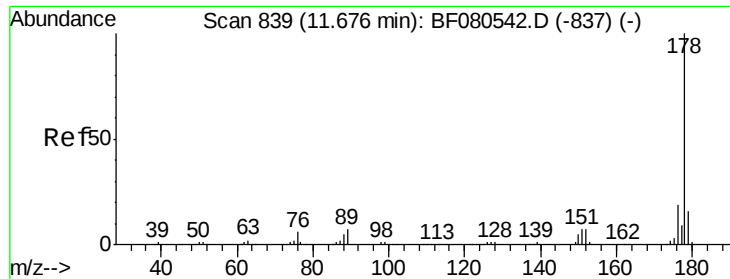
apatel  
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#70  
 Phenanthrene  
 Concen: 38.10 ng  
 RT: 11.62 min Scan# 834  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 302256 |       |       |
| 176     | 18.9  | 15.1   | 22.7  |       |
| 179     | 15.0  | 12.0   | 18.0  |       |





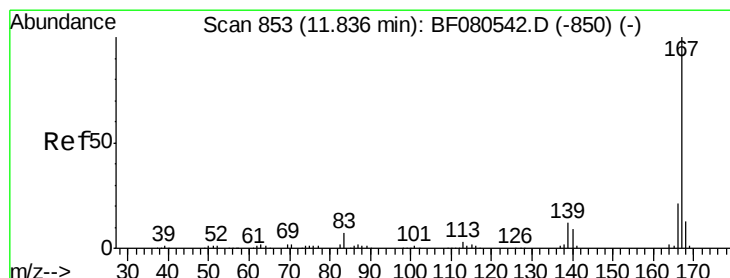
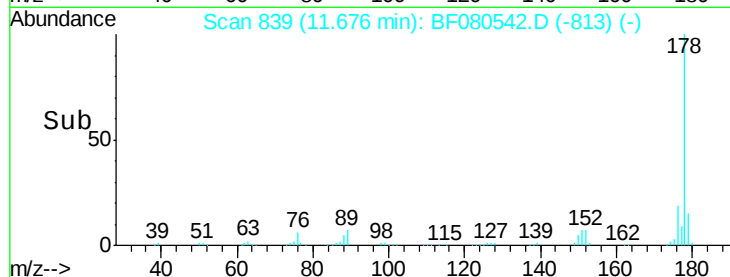
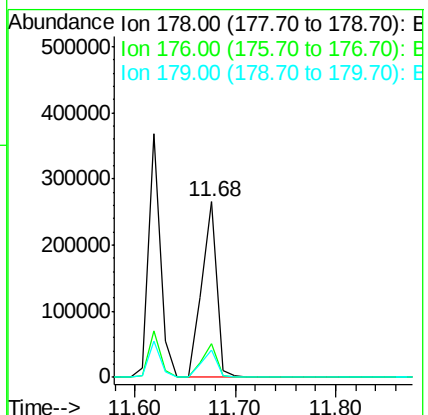
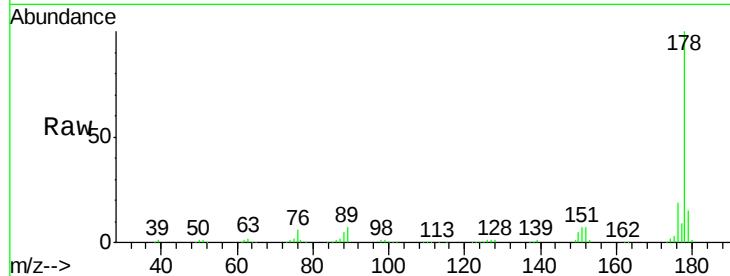
#71  
 Anthracene  
 Concen: 36.72 ng  
 RT: 11.68 min Scan# 839  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 15.4  | 23.2  |
| 179     | 15.5  | 12.4  | 18.6  |

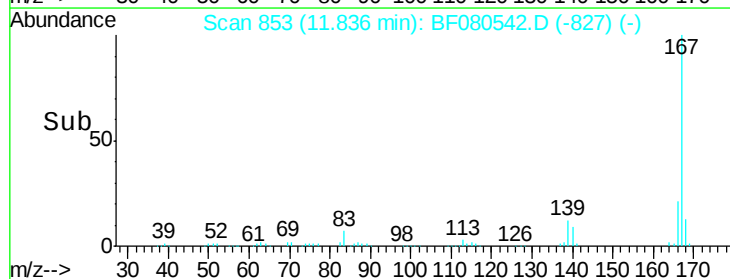
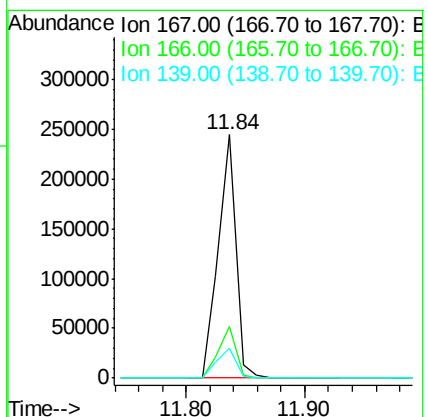
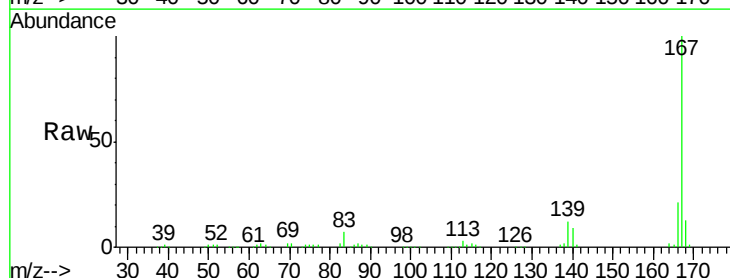
Manual Integrations  
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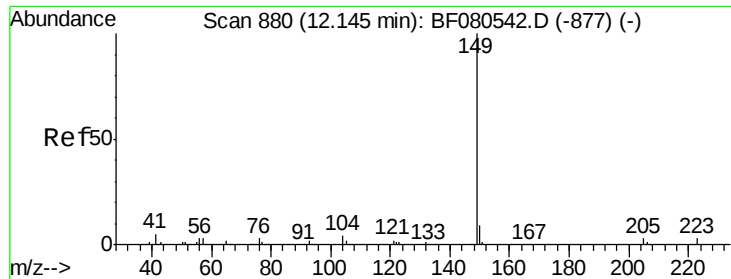
apatel  
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#72  
 Carbazole  
 Concen: 37.82 ng  
 RT: 11.84 min Scan# 853  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.4  | 17.1  | 25.7  |
| 139     | 12.3  | 9.8   | 14.8  |





#73

Di-n-butylphthalate

Concen: 35.06 ng

RT: 12.15 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF080542.D

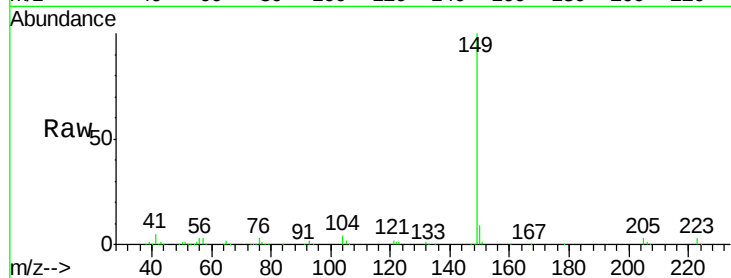
Acq: 17 Jul 2015 19:27

Instrument :

BNA\_F

ClientSampleId :

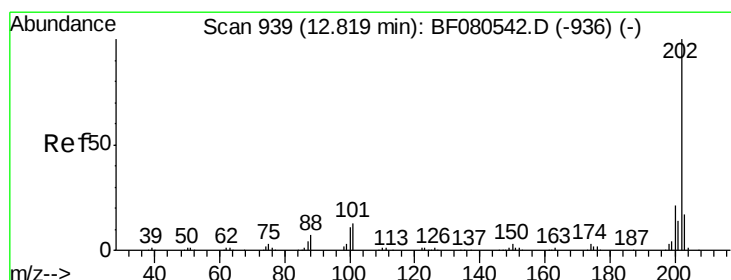
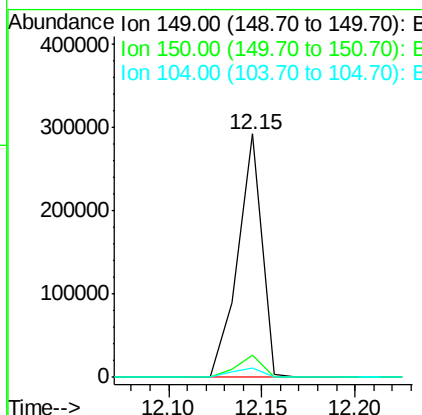
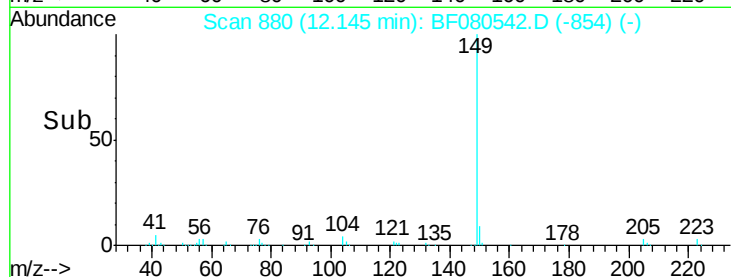
SSTDICCC040



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 264899 |       |       |
| 150     | 8.9   | 7.1    | 10.7  |       |
| 104     | 3.9   | 3.1    | 4.7   |       |

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#74

Fluoranthene

Concen: 38.27 ng

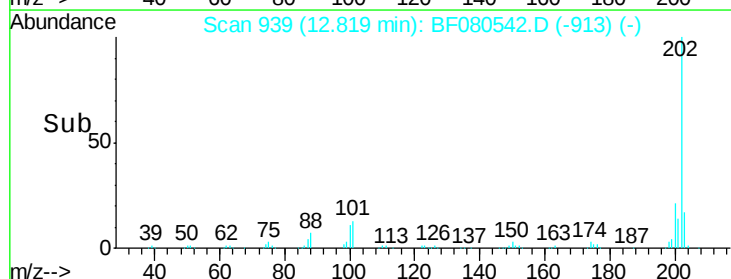
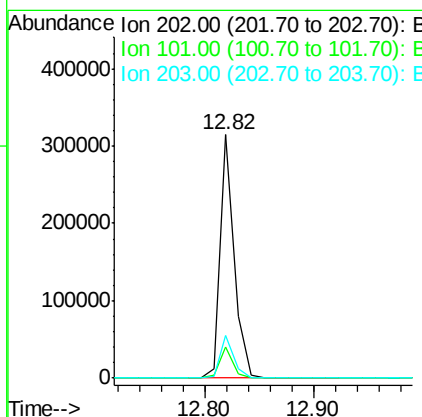
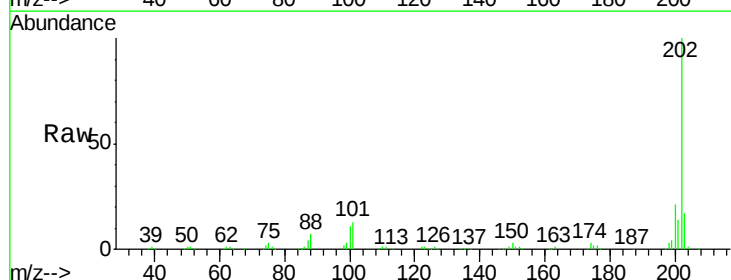
RT: 12.82 min Scan# 939

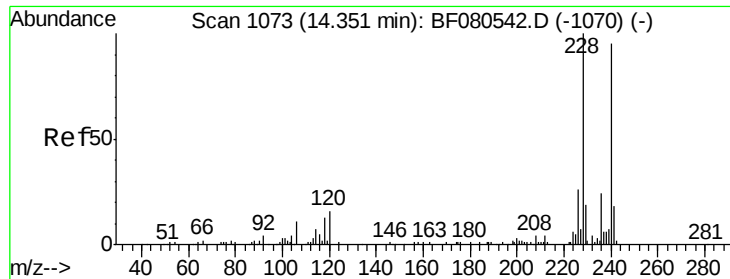
Delta R.T. 0.00 min

Lab File: BF080542.D

Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 283220 |       |       |
| 101     | 12.9  | 0.0    | 32.9  |       |
| 203     | 17.3  | 0.0    | 37.3  |       |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.35 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BF080542.D

Acq: 17 Jul 2015 19:27

Instrument :

BNA\_F

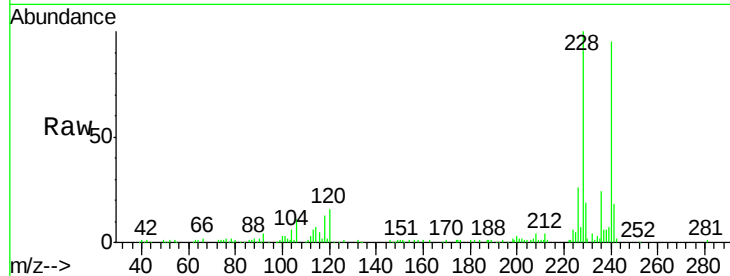
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 117524 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 17.0  | 13.6  | 20.4   |
| 236       | 25.3  | 20.2  | 30.4   |

Manual Integrations  
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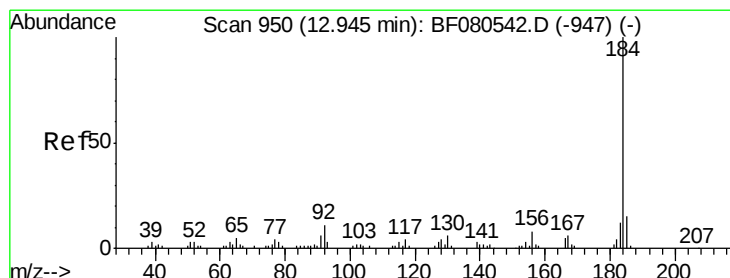
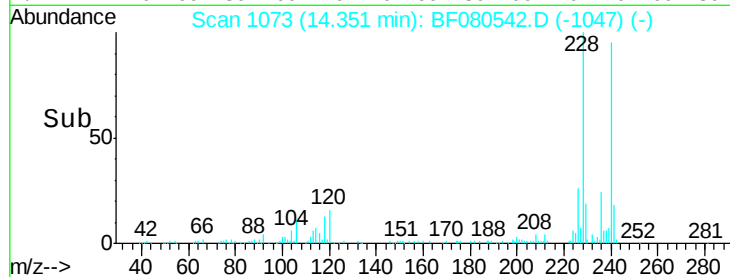
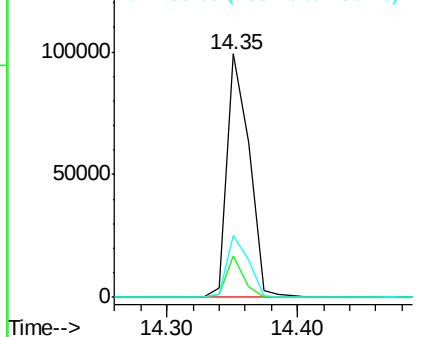
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.57 ng

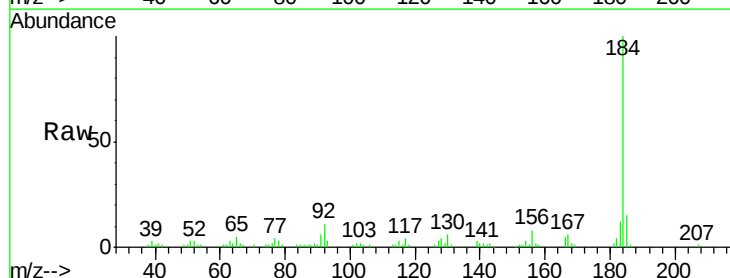
RT: 12.95 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF080542.D

Acq: 17 Jul 2015 19:27

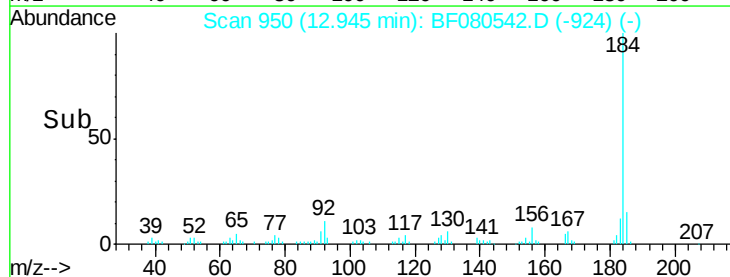
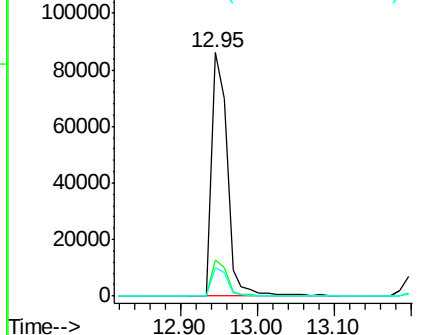
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 121224 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.9  | 11.9  | 17.9   |
| 183       | 11.6  | 9.3   | 13.9   |

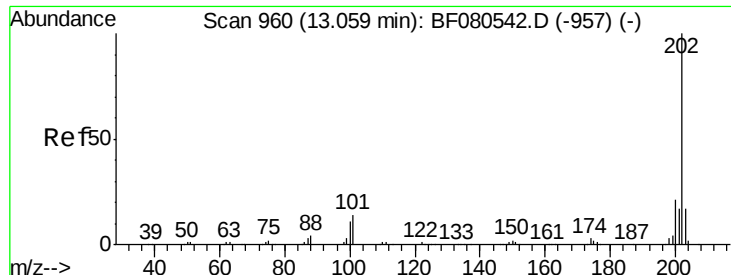


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





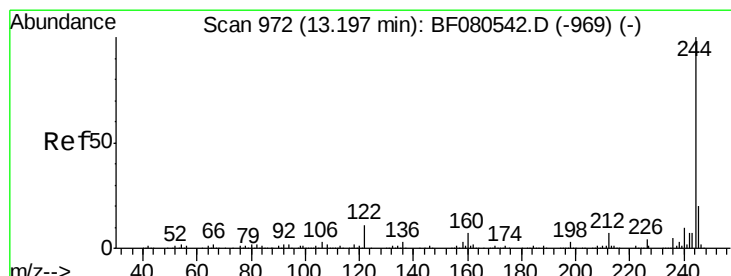
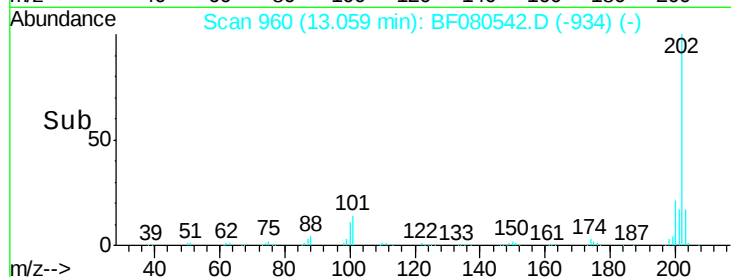
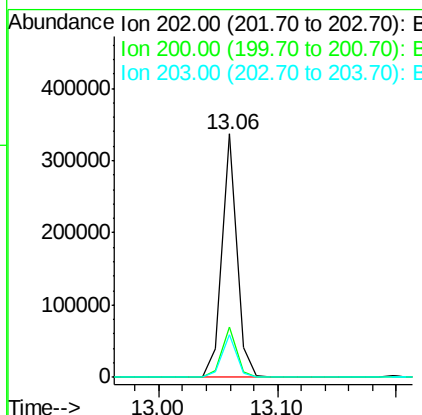
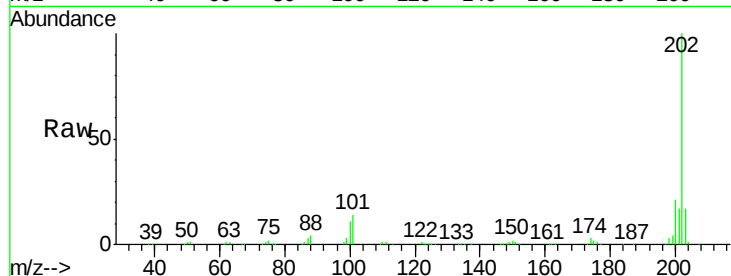
#77  
 Pyrene  
 Concen: 38.28 ng  
 RT: 13.06 min Scan# 960  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 200     | 20.9  | 16.7       | 25.1       |
| 203     | 17.5  | 14.0       | 21.0       |

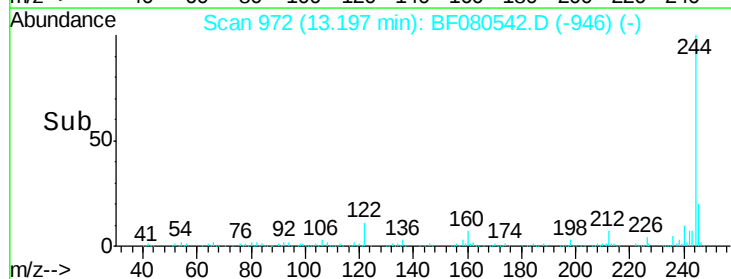
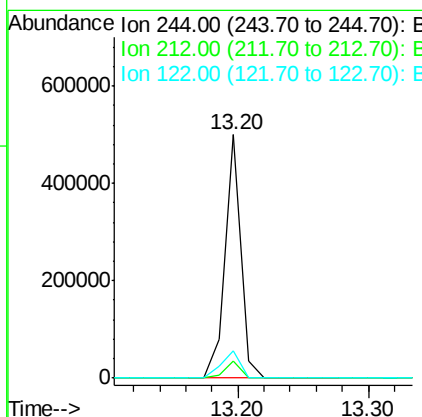
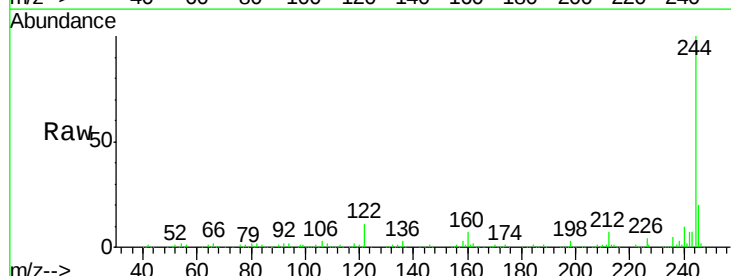
Manual Integrations  
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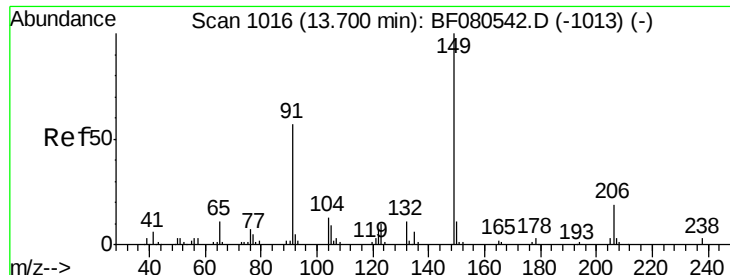
apatel  
 7/20/2015 3:44:00 PM



#78  
 Terphenyl-d14  
 Concen: 75.59 ng  
 RT: 13.20 min Scan# 972  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 244     | 100   |            |            |
| 212     | 6.9   | 5.5        | 8.3        |
| 122     | 11.2  | 9.0        | 13.4       |





#79

Butylbenzylphthalate

Concen: 36.68 ng

RT: 13.70 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF080542.D

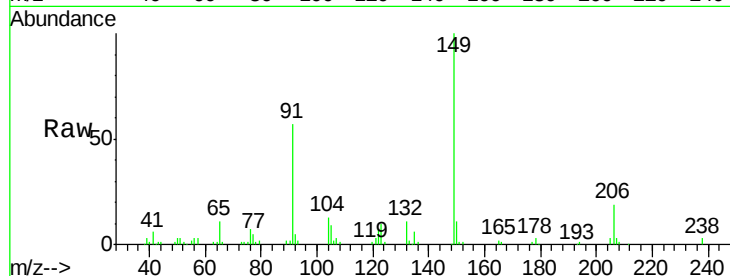
Acq: 17 Jul 2015 19:27

Instrument :

BNA\_F

ClientSampleId :

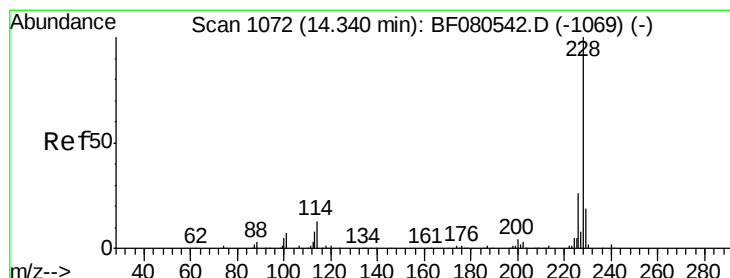
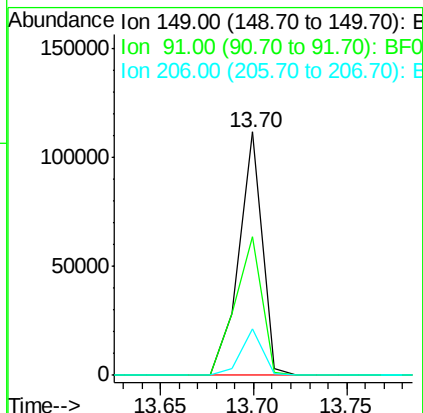
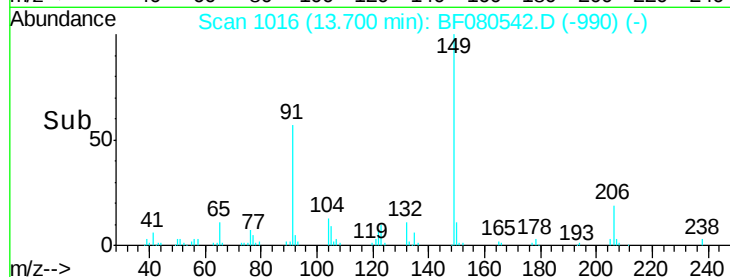
SSTDICCC040



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 98327 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 91        | 57.0  | 45.6  | 68.4  |
| 206       | 18.9  | 15.1  | 22.7  |

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#80

Benzo(a)anthracene

Concen: 39.37 ng

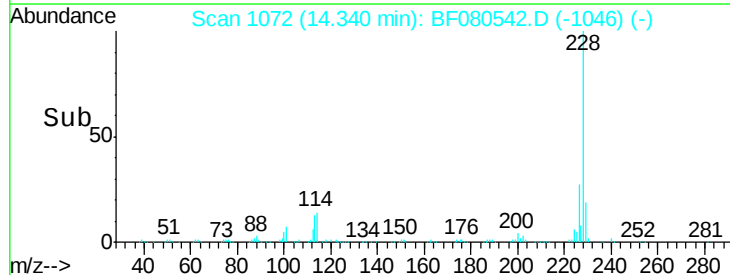
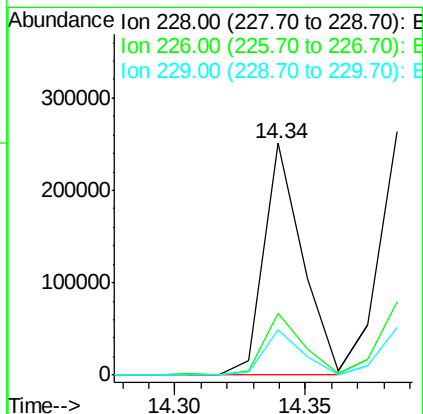
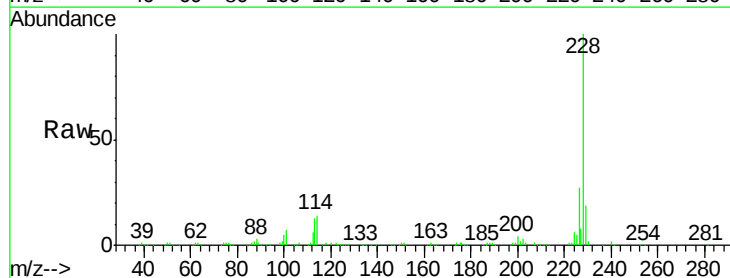
RT: 14.34 min Scan# 1072

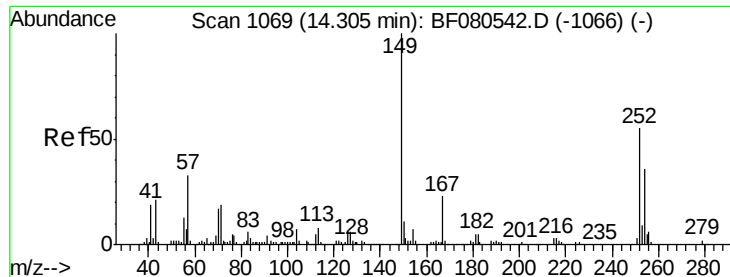
Delta R.T. 0.00 min

Lab File: BF080542.D

Acq: 17 Jul 2015 19:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 258153 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 26.8  | 21.4  | 32.2   |
| 229       | 19.4  | 15.5  | 23.3   |





#81

3,3'-Dichlorobenzidine

Concen: 38.78 ng

RT: 14.31 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BF080542.D

Acq: 17 Jul 2015 19:27

Instrument :

BNA\_F

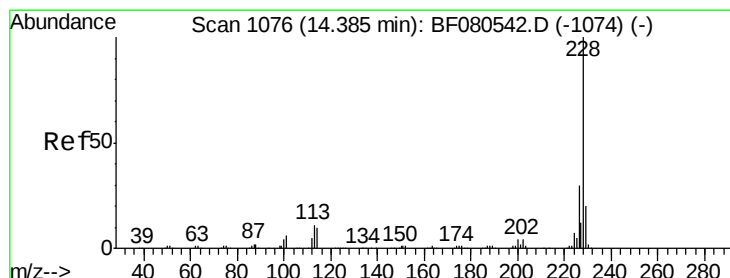
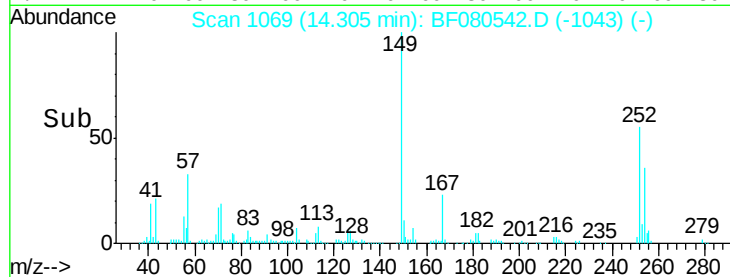
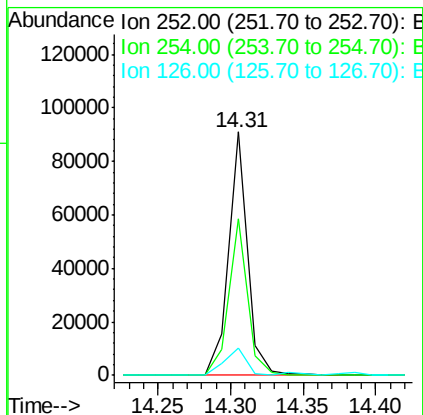
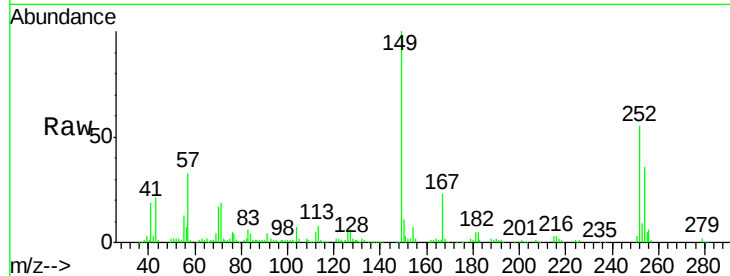
ClientSampleId :

SSTDICCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 82243 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 254       | 64.5  | 51.6  | 77.4  |
| 126       | 11.1  | 8.9   | 13.3  |

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#82

Chrysene

Concen: 39.68 ng

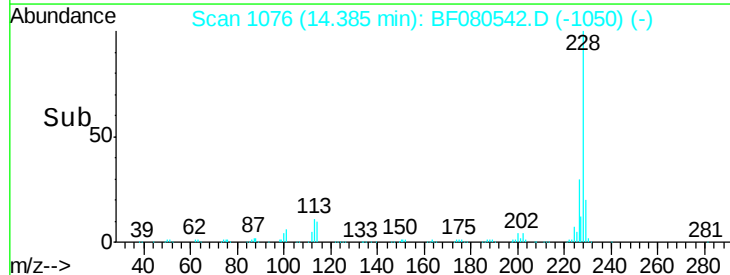
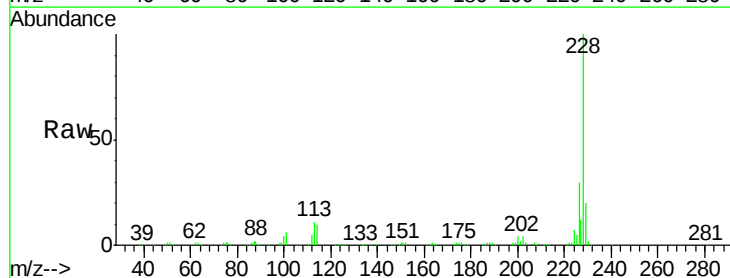
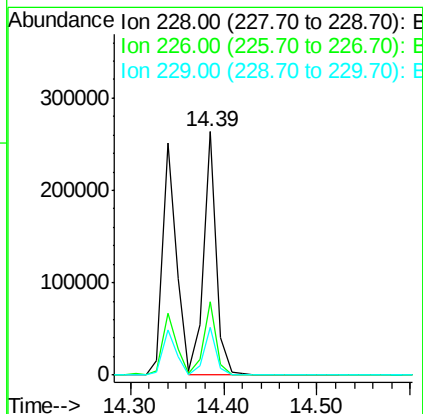
RT: 14.39 min Scan# 1076

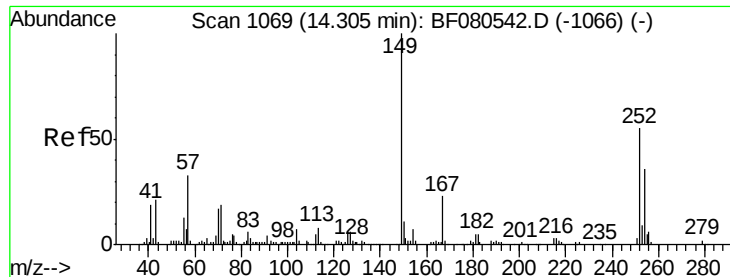
Delta R.T. 0.00 min

Lab File: BF080542.D

Acq: 17 Jul 2015 19:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 253338 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.1  | 24.1  | 36.1   |
| 229       | 19.7  | 15.8  | 23.6   |





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.64 ng

RT: 14.31 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BF080542.D

Acq: 17 Jul 2015 19:27

Instrument :

BNA\_F

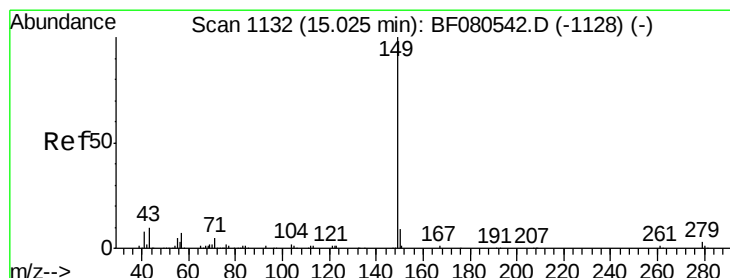
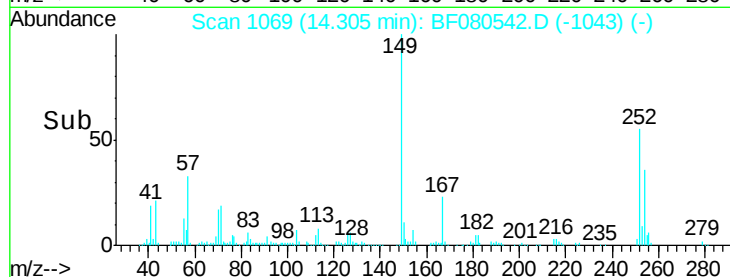
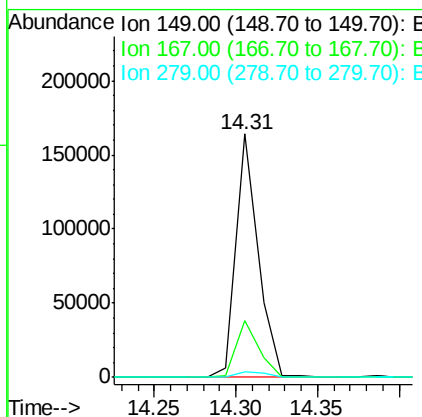
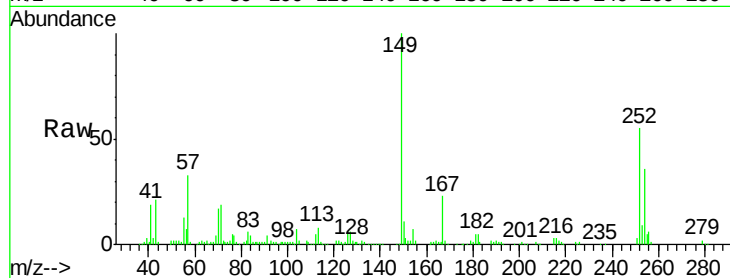
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 153049 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 23.2  | 18.6  | 27.8   |
| 279       | 2.0   | 1.6   | 2.4    |

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#84

Di-n-octyl phthalate

Concen: 35.28 ng

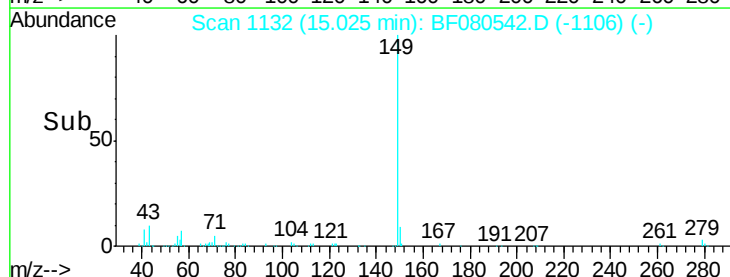
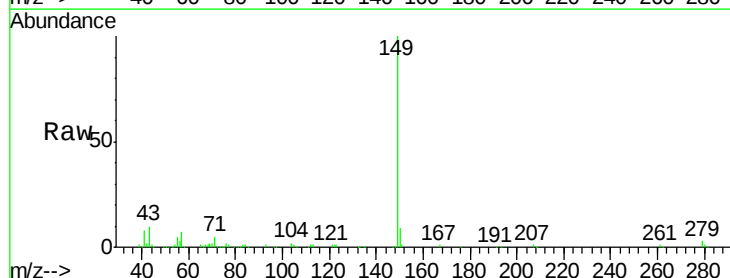
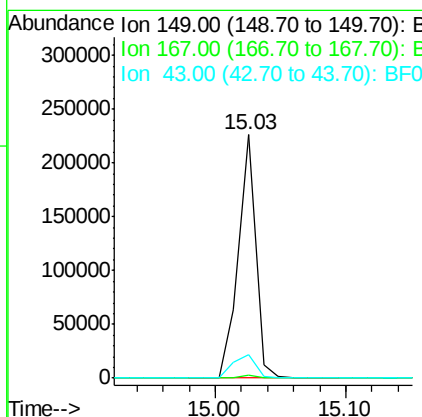
RT: 15.03 min Scan# 1132

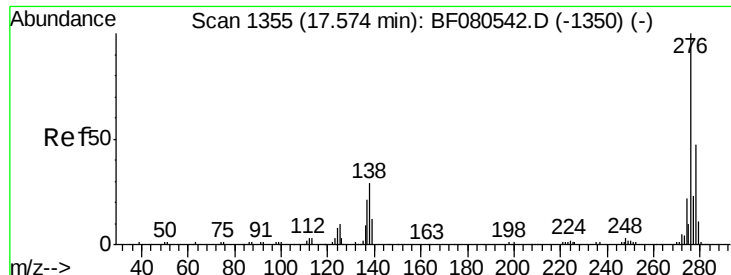
Delta R.T. 0.00 min

Lab File: BF080542.D

Acq: 17 Jul 2015 19:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 209283 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.3   | 1.0   | 1.6    |
| 43        | 12.5  | 10.0  | 15.0   |





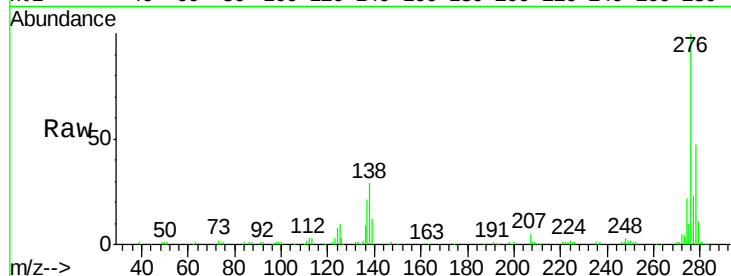
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 32.13 ng  
 RT: 17.57 min Scan# 1355  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

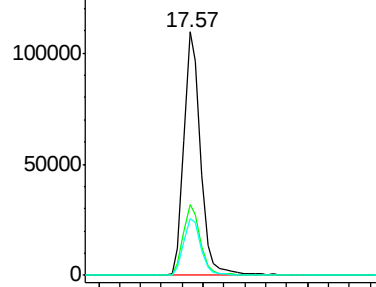
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 29.9  | 23.9  | 35.9  |
| 277     | 24.2  | 19.4  | 29.0  |

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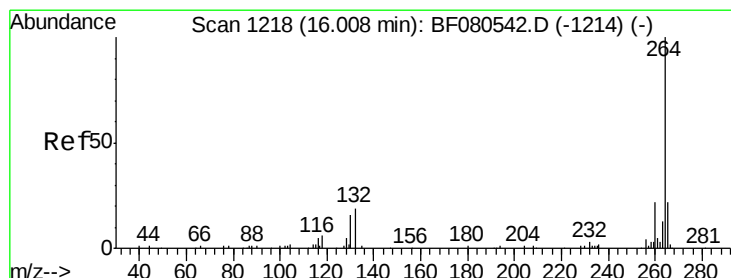
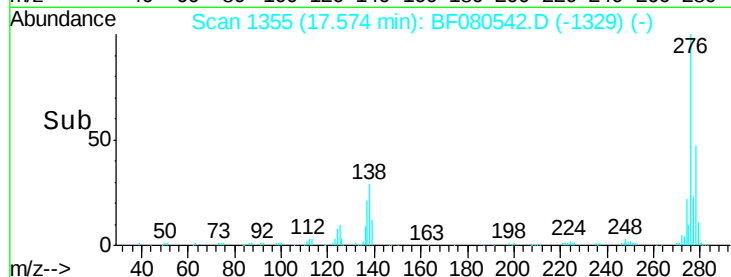
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Abundance Ion 276.00 (275.70 to 276.70): E  
 150000  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E



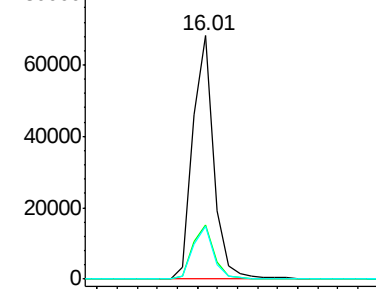
Time--> 17.40 17.60 17.80



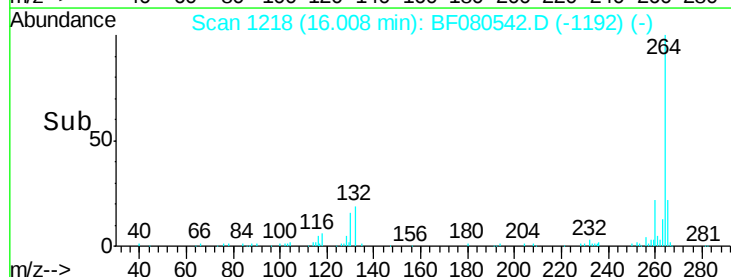
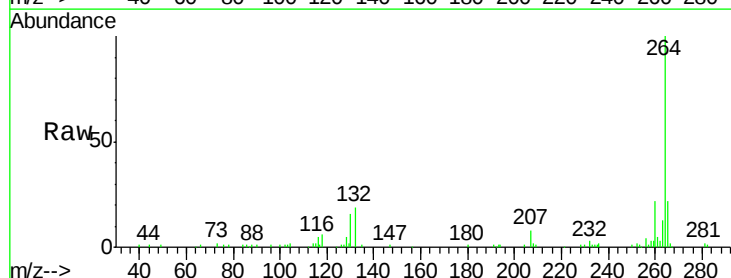
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 16.01 min Scan# 1218  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

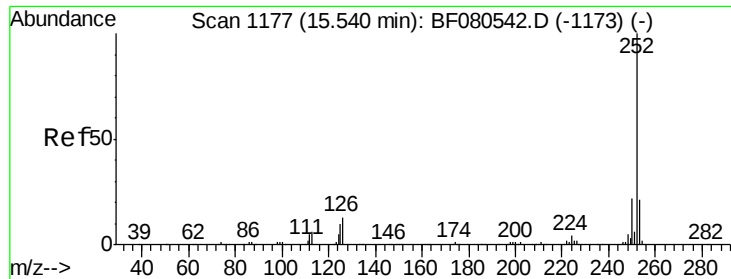
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.3  | 17.8  | 26.8  |
| 265     | 21.5  | 17.2  | 25.8  |

Abundance Ion 264.00 (263.70 to 264.70): E  
 80000  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E



Time--> 15.90 16.00 16.10





#87

Benzo(b)fluoranthene

Concen: 40.95 ng

RT: 15.54 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF080542.D

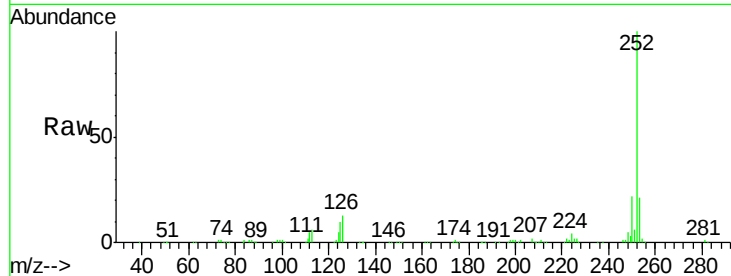
Acq: 17 Jul 2015 19:27

Instrument :

BNA\_F

ClientSampleId :

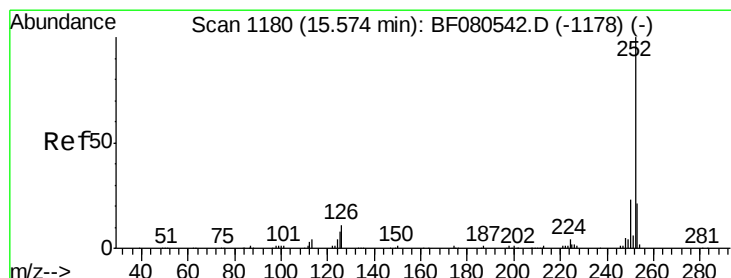
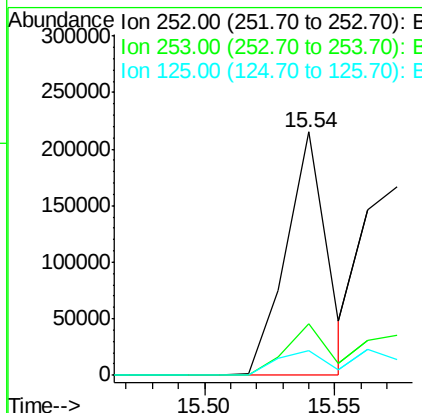
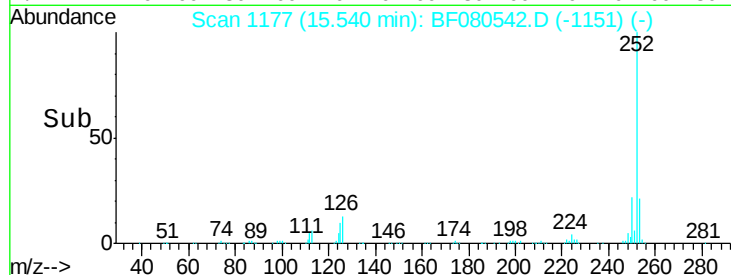
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.4  | 17.1  | 25.7  |
| 125     | 10.1  | 8.1   | 12.1  |

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#88

Benzo(k)fluoranthene

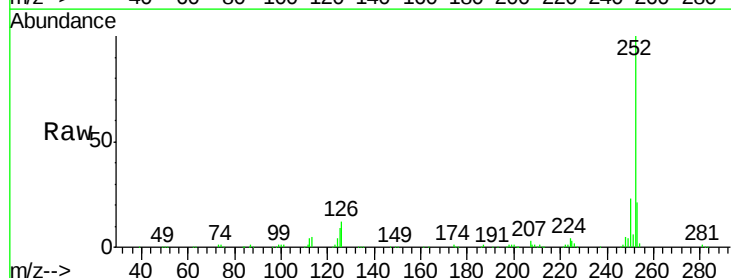
Concen: 41.08 ng m

RT: 15.57 min Scan# 1180

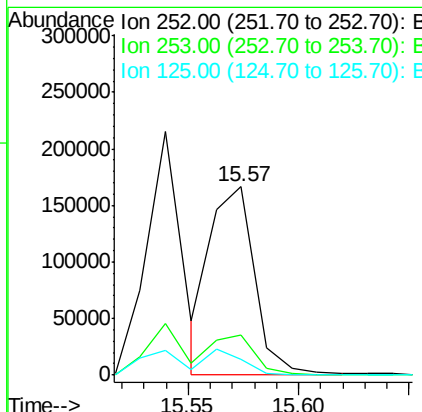
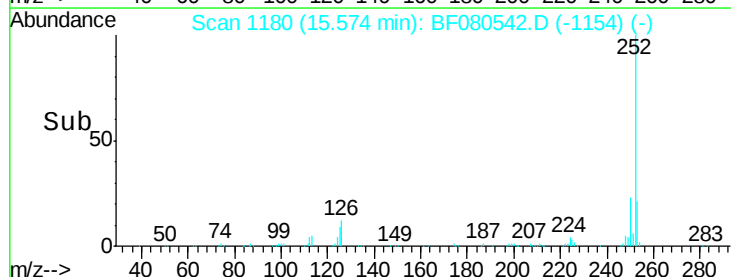
Delta R.T. 0.00 min

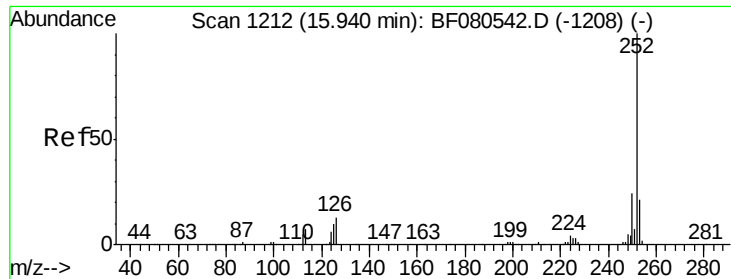
Lab File: BF080542.D

Acq: 17 Jul 2015 19:27



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.4  | 17.1  | 25.7  |
| 125     | 8.7   | 7.0   | 10.4  |





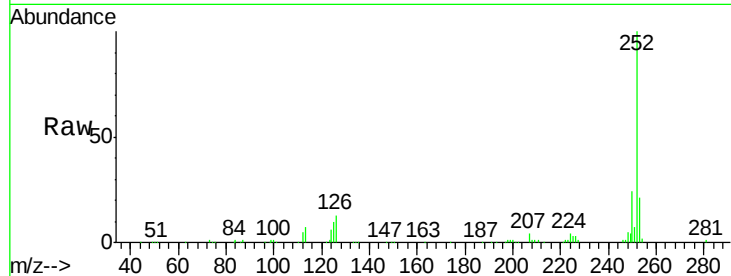
#89  
Benzo(a)pyrene  
Concen: 39.41 ng  
RT: 15.94 min Scan# 1212  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

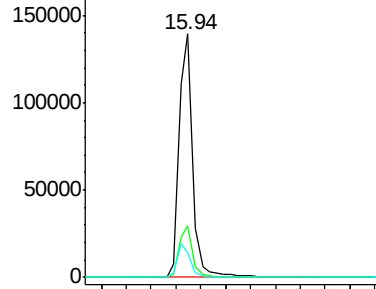
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.4  | 17.1  | 25.7  |
| 125     | 10.1  | 8.1   | 12.1  |

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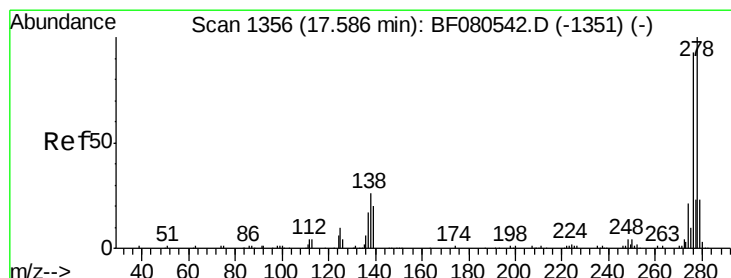
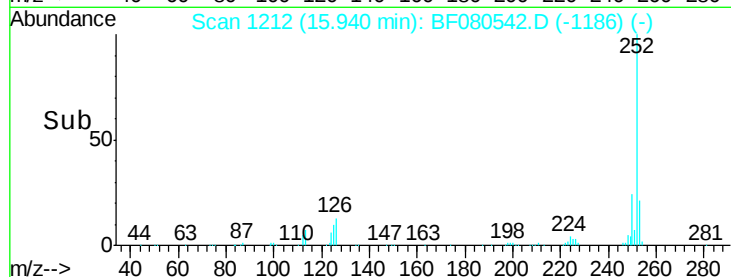
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Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



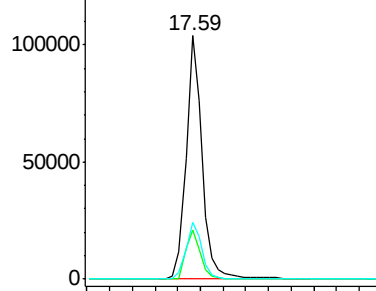
Time--> 15.80 16.00 16.20



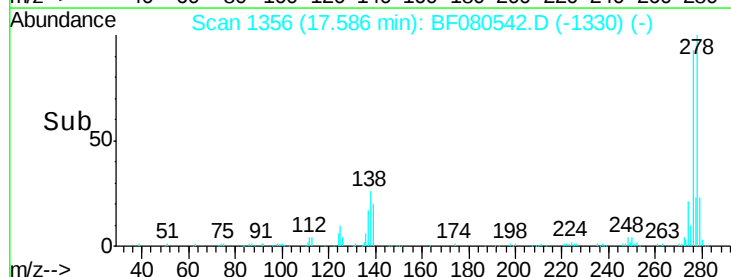
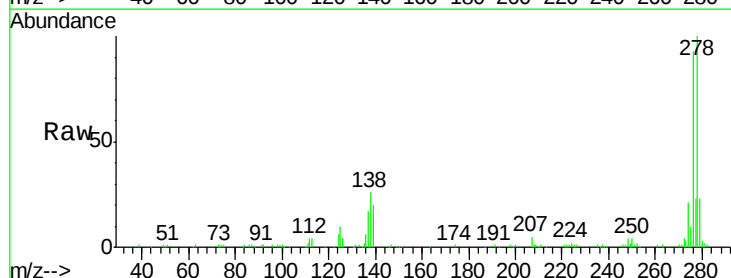
#90  
Dibenzo(a,h)anthracene  
Concen: 34.98 ng  
RT: 17.59 min Scan# 1356  
Delta R.T. 0.00 min  
Lab File: BF080542.D  
Acq: 17 Jul 2015 19:27

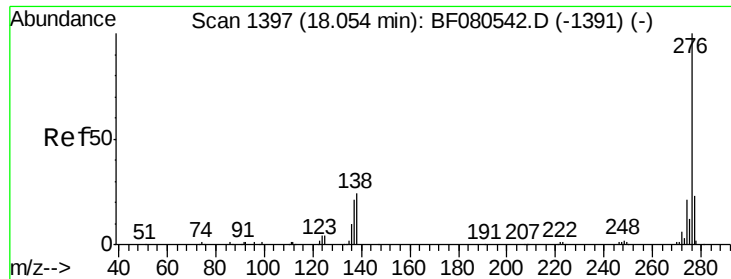
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 20.2  | 16.2  | 24.2  |
| 279     | 23.2  | 18.6  | 27.8  |

Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



Time--> 17.40 17.60 17.80





#91  
 Benzo(g,h,i)perylene  
 Concen: 34.11 ng  
 RT: 18.05 min Scan# 1397  
 Delta R.T. 0.00 min  
 Lab File: BF080542.D  
 Acq: 17 Jul 2015 19:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 276  | Resp: | 204614 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 23.1 | 18.5  | 27.7   |
| 138       | 23.9 | 19.1  | 28.7   |

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