

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\  
 Data File : BF086302.D  
 Acq On : 20 Apr 2016 11:14  
 Operator : UM/SJ  
 Sample : SSTDICC025  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

Manual Integrations  
 APPROVED

sohil  
 4/21/2016 7:07:41 PM

Quant Time: Apr 20 12:52:09 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 20 12:38:25 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.86  | 152  | 276994   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.14  | 136  | 1130058  | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.90  | 164  | 507527   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.39 | 188  | 843286   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.02 | 240  | 486255   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.44 | 264  | 482871   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.45  | 112 | 838605  | 49.60 | ng | -0.01 |
| 7) Phenol-d6             | 6.49  | 99  | 1073973 | 50.79 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.42  | 82  | 1025217 | 52.33 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.69 | 330 | 220933  | 54.21 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.23  | 172 | 1605890 | 58.39 | ng | 0.00  |
| 78) Terphenyl-d14        | 12.97 | 244 | 1098339 | 56.80 | ng | 0.00  |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.48 | 88  | 213548  | 22.91 | ng | 96     |
| 3) Pyridine                    | 3.21 | 79  | 538220  | 22.14 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.14 | 42  | 185167  | 21.08 | ng | # 63   |
| 6) Aniline                     | 6.52 | 93  | 742833  | 24.37 | ng | 97     |
| 8) 2-Chlorophenol              | 6.65 | 128 | 489643  | 25.60 | ng | 83     |
| 9) Benzaldehyde                | 6.41 | 77  | 400194  | 26.68 | ng | 96     |
| 10) Phenol                     | 6.50 | 94  | 617999  | 24.54 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 6.60 | 93  | 528883  | 27.92 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 6.81 | 146 | 527883m | 26.01 | ng |        |
| 13) 1,4-Dichlorobenzene        | 6.88 | 146 | 571375  | 29.56 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 7.04 | 146 | 517560  | 30.16 | ng | 98     |
| 15) Benzyl Alcohol             | 7.00 | 79  | 349580  | 23.30 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.14 | 45  | 769548  | 26.07 | ng | 91     |
| 17) 2-Methylphenol             | 7.12 | 107 | 412687  | 25.90 | ng | 98     |
| 18) Hexachloroethane           | 7.38 | 117 | 182781  | 25.06 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.28 | 70  | 316504  | 23.39 | ng | # 86   |
| 20) 3+4-Methylphenols          | 7.28 | 107 | 466228  | 26.12 | ng | # 66   |
| 22) Acetophenone               | 7.28 | 105 | 647066  | 27.20 | ng | # 93   |
| 24) Nitrobenzene               | 7.45 | 77  | 582202  | 27.18 | ng | 99     |
| 25) Isophorone                 | 7.69 | 82  | 971537  | 24.99 | ng | 99     |
| 26) 2-Nitrophenol              | 7.77 | 139 | 254709  | 27.27 | ng | # 75   |
| 27) 2,4-Dimethylphenol         | 7.80 | 122 | 481720  | 25.54 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.90 | 93  | 572443  | 25.04 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.01 | 162 | 392553  | 27.37 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 8.09 | 180 | 404693  | 26.97 | ng | 98     |
| 31) Naphthalene                | 8.17 | 128 | 1451996 | 28.77 | ng | 99     |
| 32) Benzoic acid               | 7.90 | 122 | 252467  | 20.94 | ng | 98     |
| 33) 4-Chloroaniline            | 8.22 | 127 | 585640  | 25.96 | ng | # 93   |
| 34) Hexachlorobutadiene        | 8.29 | 225 | 209423  | 27.85 | ng | 99     |
| 35) Caprolactam                | 8.58 | 113 | 117608  | 22.65 | ng | # 62   |
| 36) 4-Chloro-3-methylphenol    | 8.70 | 107 | 426201  | 25.65 | ng | 94     |
| 37) 2-Methylnaphthalene        | 8.86 | 142 | 884334  | 27.10 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 345696  | 29.36 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 9.01 | 237 | 93623   | 15.65 | ng | 98     |

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 20 12:38:25 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.14  | 196  | 252484   | 25.25 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 9.17  | 196  | 261658   | 27.09 | nq #  | 82       |
| 45) 1,1'-Biphenyl              | 9.32  | 154  | 1024486  | 28.04 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.36  | 162  | 834225   | 27.97 | nq    | 92       |
| 47) 2-Nitroaniline             | 9.45  | 65   | 268605   | 27.80 | nq #  | 77       |
| 48) Acenaphthylene             | 9.77  | 152  | 1336170  | 28.15 | nq    | 99       |
| 49) Dimethylphthalate          | 9.63  | 163  | 1009087  | 27.34 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.69  | 165  | 216192   | 26.48 | nq    | 90       |
| 51) Acenaphthene               | 9.94  | 154  | 786709   | 27.75 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.86  | 138  | 265107   | 26.72 | nq #  | 79       |
| 53) 2,4-Dinitrophenol          | 9.96  | 184  | 35088    | 13.43 | nq #  | 53       |
| 54) Dibenzofuran               | 10.11 | 168  | 1054990  | 28.17 | nq    | 98       |
| 55) 4-Nitrophenol              | 10.01 | 139  | 160063   | 20.62 | nq    | 87       |
| 56) 2,4-Dinitrotoluene         | 10.09 | 165  | 274682   | 26.28 | nq #  | 86       |
| 57) Fluorene                   | 10.45 | 166  | 806419   | 25.89 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.22 | 232  | 194401   | 27.71 | nq    | 94       |
| 59) Diethylphthalate           | 10.33 | 149  | 1001171  | 26.28 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.44 | 204  | 354003   | 27.58 | nq    | 96       |
| 61) 4-Nitroaniline             | 10.46 | 138  | 246712   | 28.77 | nq    | 87       |
| 62) Azobenzene                 | 10.60 | 77   | 987216   | 26.49 | nq    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 10.49 | 198  | 58170    | 14.49 | nq    | 91       |
| 65) n-Nitrosodiphenylamine     | 10.56 | 169  | 725436   | 28.09 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.93 | 248  | 229880   | 29.25 | nq    | 94       |
| 67) Hexachlorobenzene          | 10.99 | 284  | 228147   | 27.70 | nq    | 95       |
| 68) Atrazine                   | 11.08 | 200  | 205895   | 26.02 | nq    | 98       |
| 69) Pentachlorophenol          | 11.18 | 266  | 120343   | 24.10 | nq    | 98       |
| 70) Phenanthrene               | 11.41 | 178  | 1074649  | 26.68 | nq    | 99       |
| 71) Anthracene                 | 11.46 | 178  | 1119238  | 25.46 | nq    | 98       |
| 72) Carbazole                  | 11.62 | 167  | 1062829  | 27.75 | nq    | 96       |
| 73) Di-n-butylphthalate        | 11.95 | 149  | 1426280  | 27.54 | nq    | 99       |
| 74) Fluoranthene               | 12.59 | 202  | 944593   | 22.90 | nq    | 99       |
| 76) Benzidine                  | 12.72 | 184  | 570733   | 30.26 | nq    | 97       |
| 77) Pyrene                     | 12.82 | 202  | 926337   | 24.83 | nq    | 98       |
| 79) Butylbenzylphthalate       | 13.45 | 149  | 502574   | 29.16 | nq    | 98       |
| 80) Benzo(a)anthracene         | 14.01 | 228  | 635453   | 23.81 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.97 | 252  | 462447   | 29.89 | nq    | 99       |
| 82) Chrysene                   | 14.04 | 228  | 720753   | 25.32 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.01 | 149  | 603208   | 32.42 | nq    | 100      |
| 84) Di-n-octyl phthalate       | 14.61 | 149  | 1062570  | 29.63 | nq    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.83 | 276  | 698724   | 29.87 | nq    | 97       |
| 87) Benzo(b)fluoranthene       | 15.04 | 252  | 762975m  | 25.61 | nq    |          |
| 88) Benzo(k)fluoranthene       | 15.06 | 252  | 624027m  | 22.97 | nq    |          |
| 89) Benzo(a)pyrene             | 15.38 | 252  | 673118   | 26.08 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.85 | 278  | 590247   | 25.88 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.25 | 276  | 557895   | 23.01 | nq    | 97       |

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

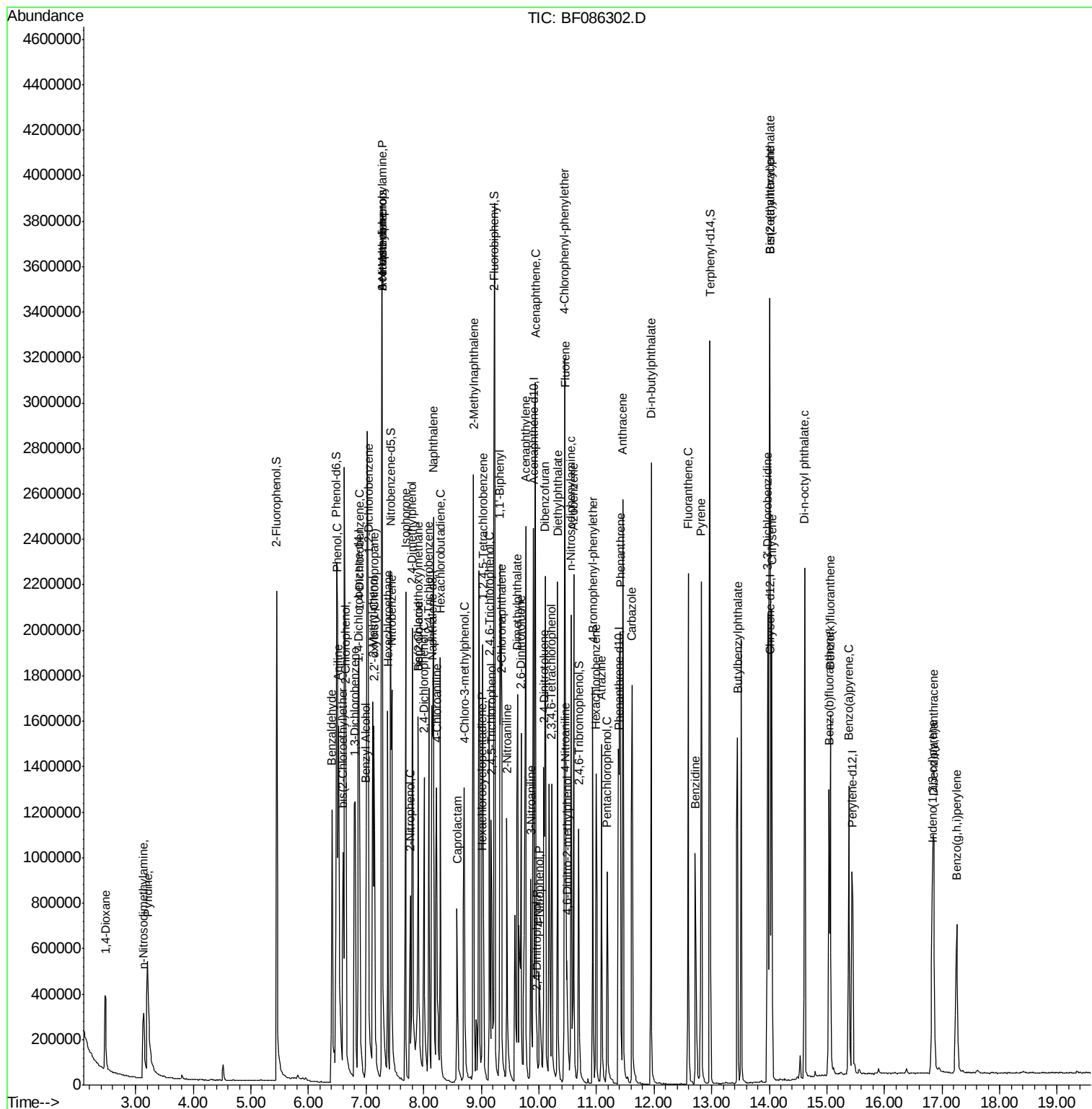
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\  
Data File : BF086302.D  
Acq On    : 20 Apr 2016  11:14  
Operator  : UM/SJ  
Sample    : SSTDICC025  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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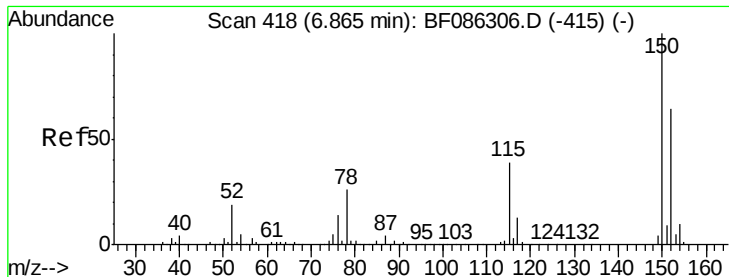
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICC025

## Manual Integrations APPROVED

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Quant Time: Apr 20 12:52:09 2016  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 20 12:38:25 2016  
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#1

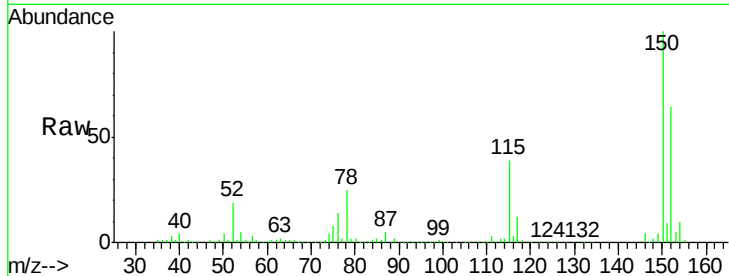
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.86 min Scan# 418  
Delta R.T. 0.00 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC025

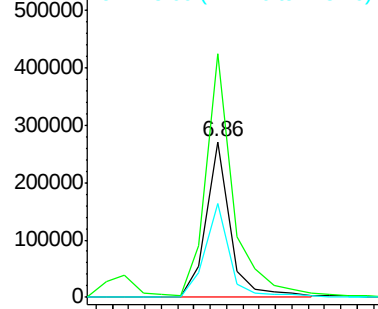
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.4 | 124.1 | 186.1 |
| 115     | 60.6  | 43.9  | 65.9  |

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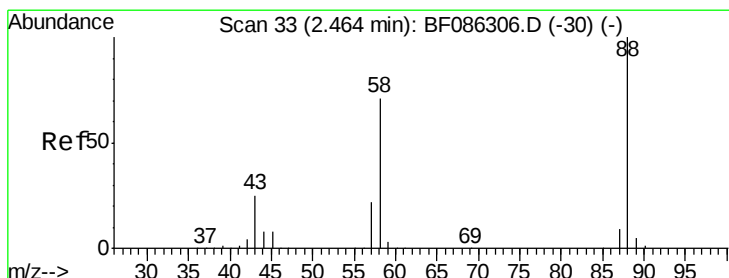
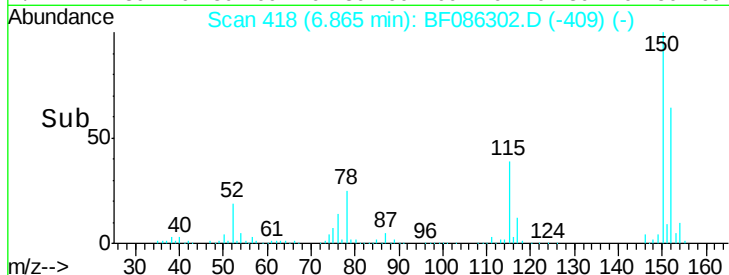
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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



Time-->

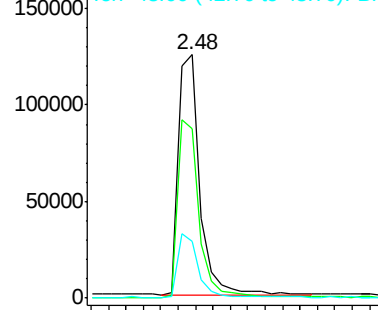


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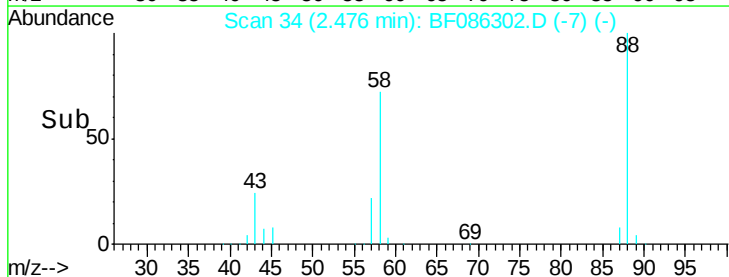
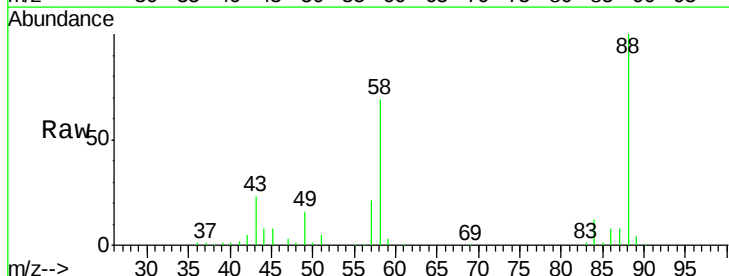
1,4-Dioxane  
Concen: 22.91 ng  
RT: 2.48 min Scan# 34  
Delta R.T. 0.01 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

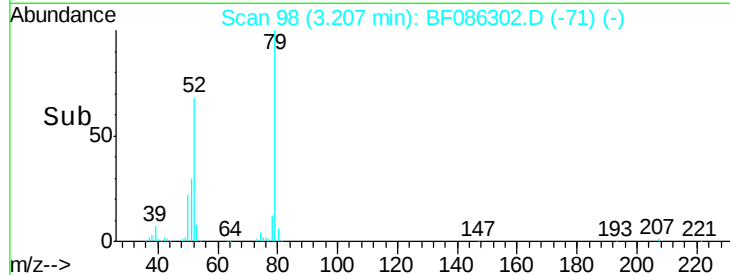
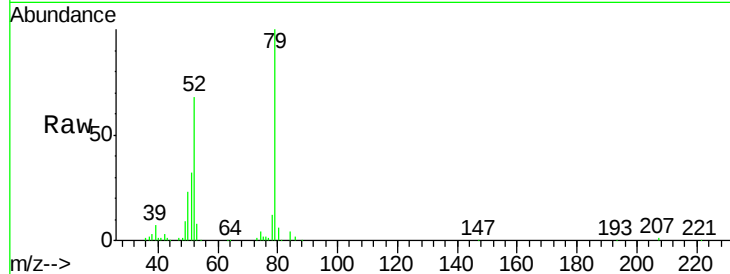
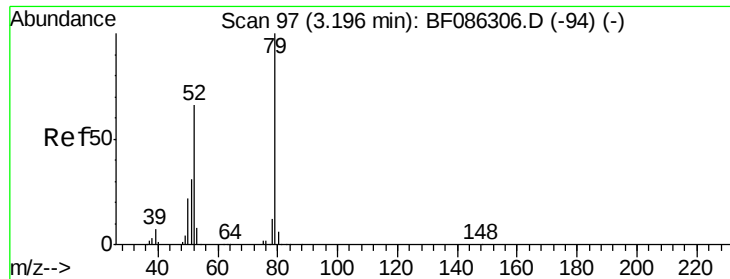
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 75.2  | 58.4  | 87.6  |
| 43      | 25.3  | 23.3  | 34.9  |

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



Time-->





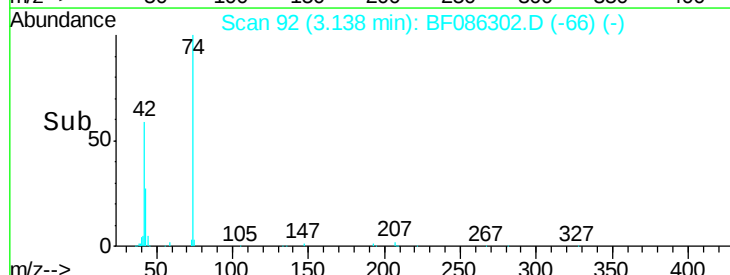
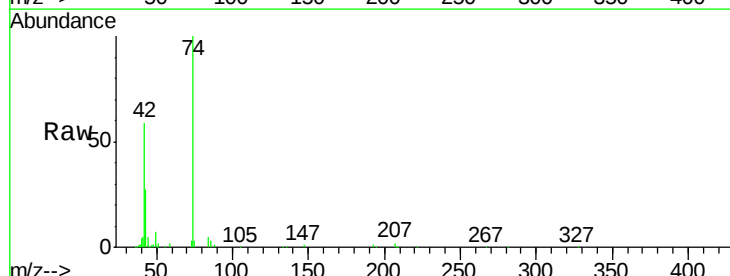
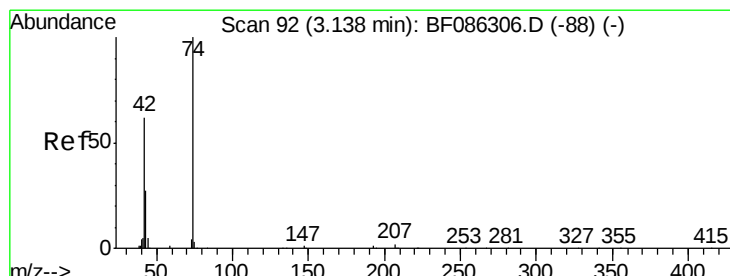
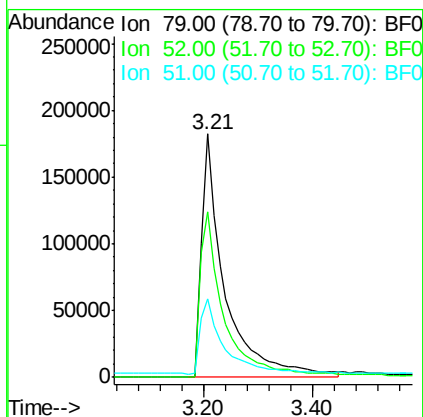
#3  
 Pvridine  
 Concen: 22.14 ng  
 RT: 3.21 min Scan# 98  
 Delta R.T. 0.01 min  
 Lab File: BF086302.D  
 Acq: 20 Apr 2016 11:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 538220 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 68.2  | 55.4  | 83.2   |
| 51        | 32.0  | 28.1  | 42.1   |

Instrument :  
 BNA\_F  
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 SSTDICC025

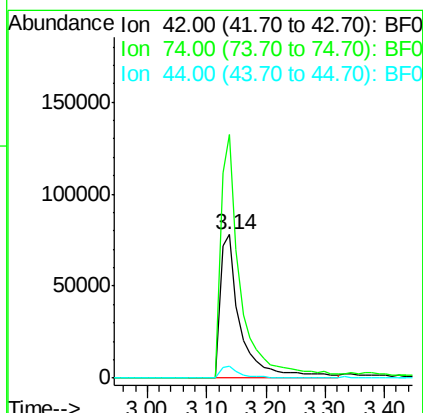
Manual Integrations  
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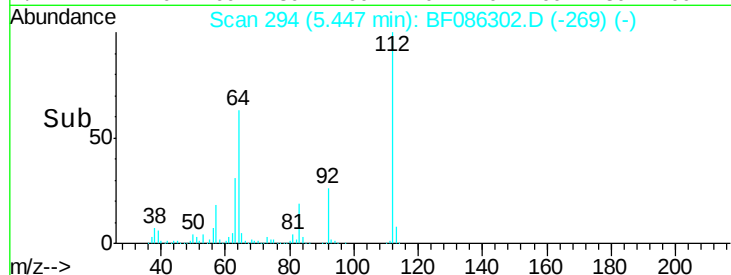
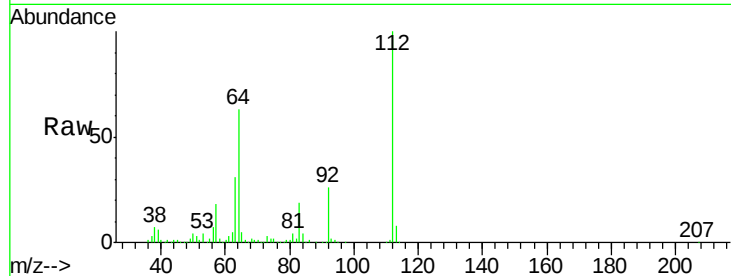
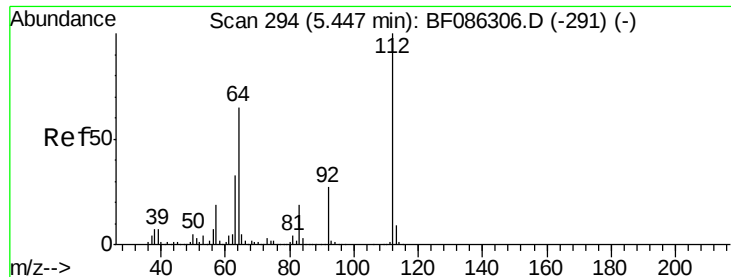
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#4  
 n-Nitrosodimethylamine  
 Concen: 21.08 ng  
 RT: 3.14 min Scan# 92  
 Delta R.T. 0.00 min  
 Lab File: BF086302.D  
 Acq: 20 Apr 2016 11:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 185167 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 169.8 | 100.5 | 150.7# |
| 44        | 8.6   | 5.4   | 8.0#   |





#5

2-Fluorophenol

Concen: 49.60 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.01 min

Lab File: BF086302.D

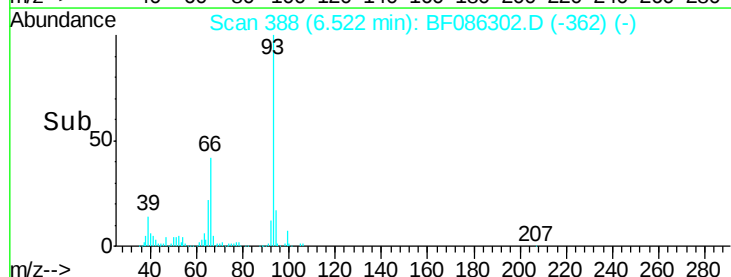
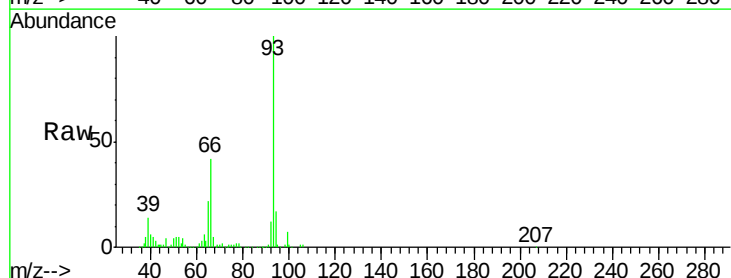
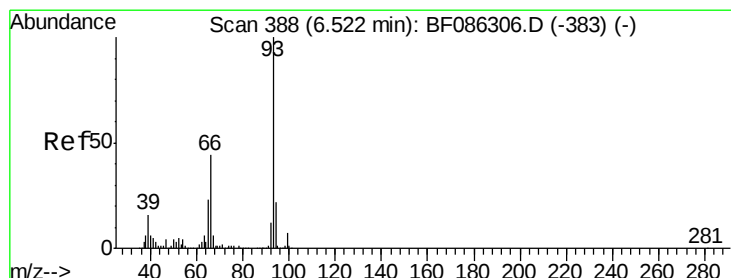
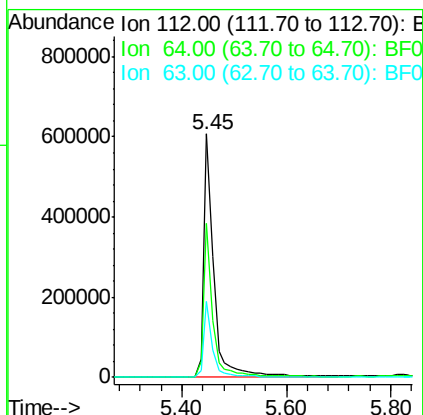
Acq: 20 Apr 2016 11:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 838605 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 63.2  | 48.1  | 72.1   |
| 63        | 31.4  | 25.5  | 38.3   |

Instrument :  
BNA\_F  
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#6

Aniline

Concen: 24.37 ng

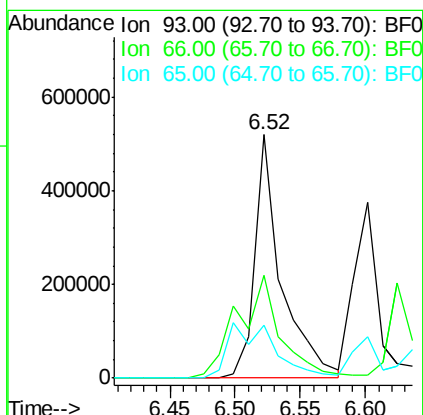
RT: 6.52 min Scan# 388

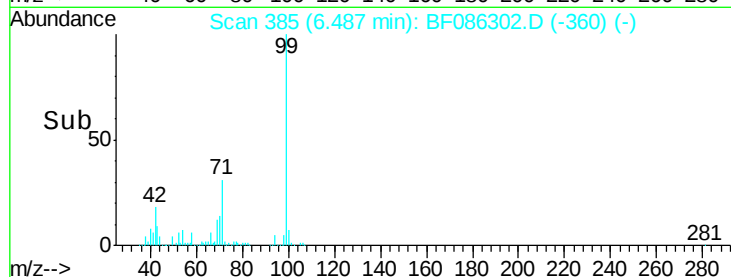
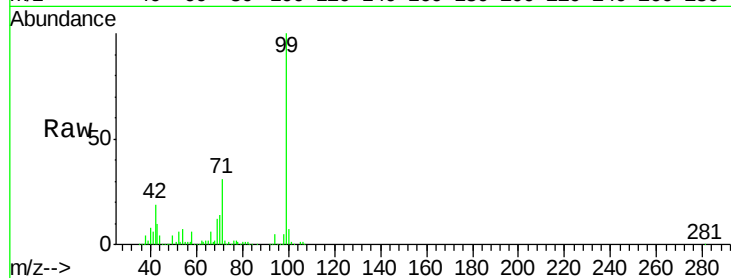
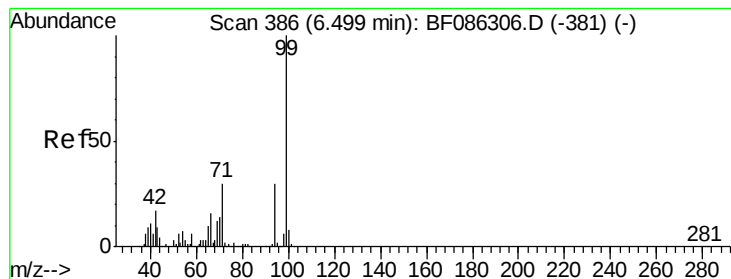
Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 742833 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 42.5  | 32.2  | 48.2   |
| 65        | 21.5  | 16.4  | 24.6   |





#7

Phenol-d6

Concen: 50.79 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Tot Ion: 99 Resp: 1073973

Ion Ratio Lower Upper

99 100

42 18.5 15.4 23.2

71 31.3 25.6 38.4

Instrument :

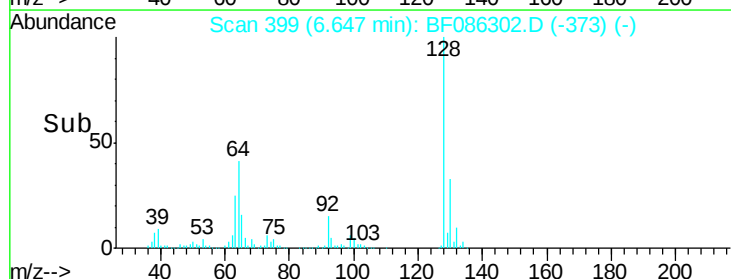
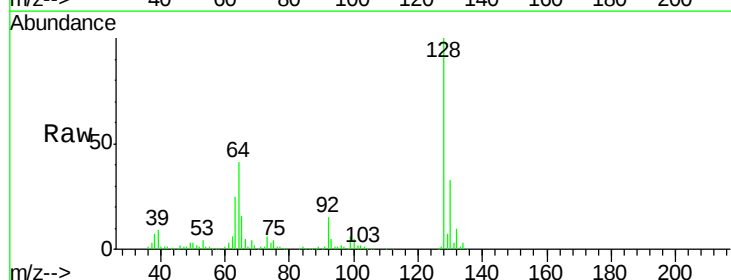
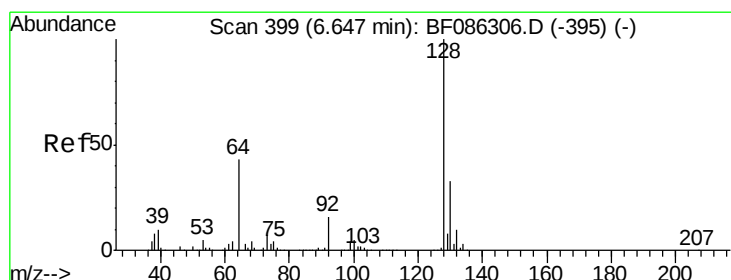
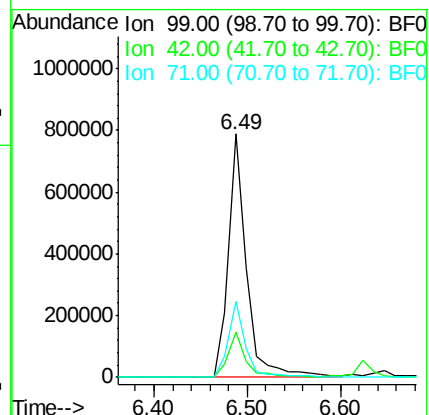
BNA\_F

ClientSampled :

SSTDICC025

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#8

2-Chlorophenol

Concen: 25.60 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

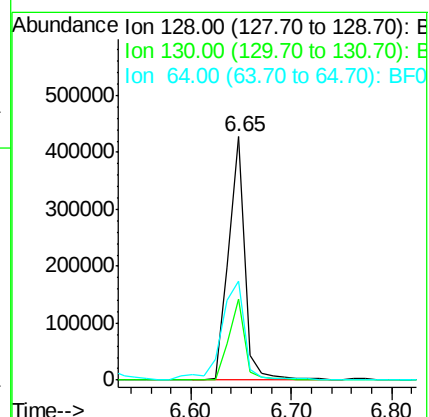
Tgt Ion: 128 Resp: 489643

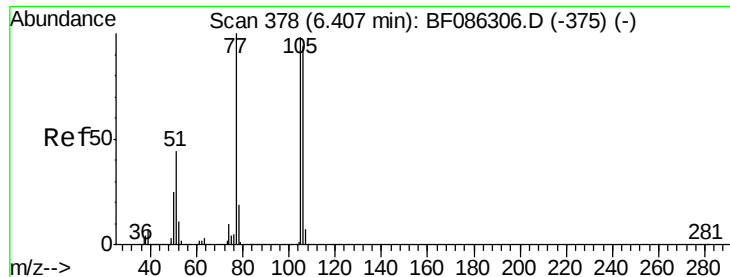
Ion Ratio Lower Upper

128 100

130 33.1 11.8 51.8

64 40.8 39.5 79.5





#9

Benzaldehyde

Concen: 26.68 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA\_F

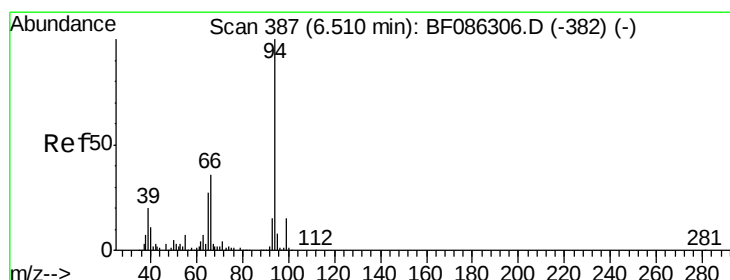
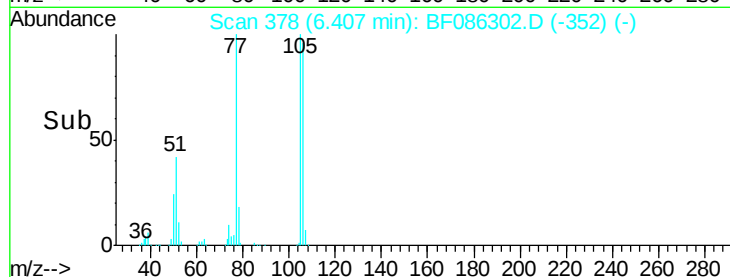
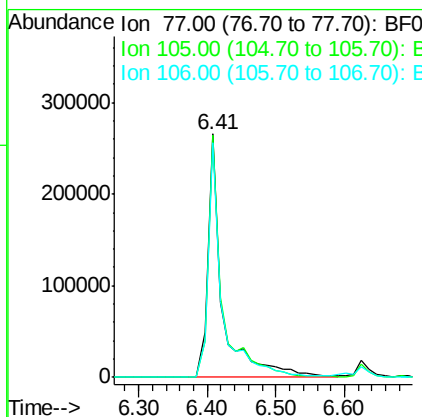
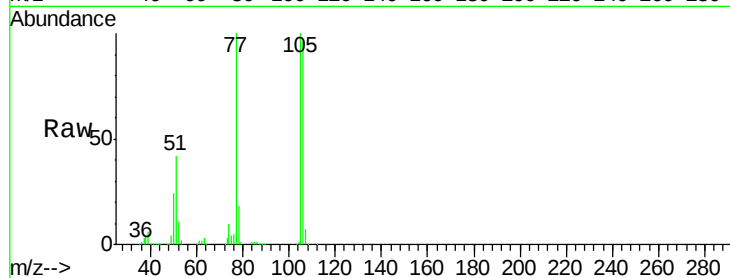
ClientSampleId :

SSTDICC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 400194 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 99.6  | 84.6  | 124.6  |
| 106       | 96.4  | 78.6  | 118.6  |

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#10

Phenol

Concen: 24.54 ng

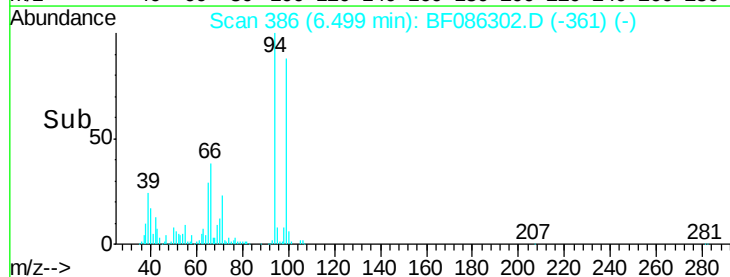
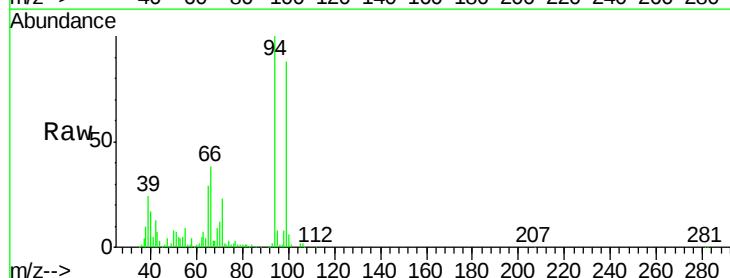
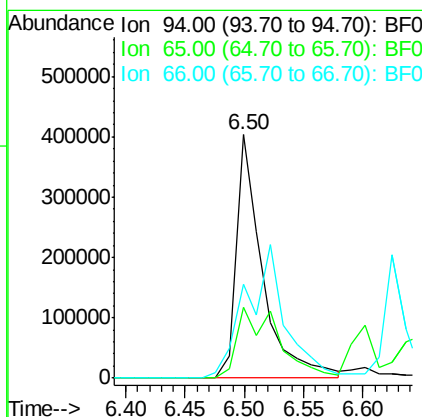
RT: 6.50 min Scan# 386

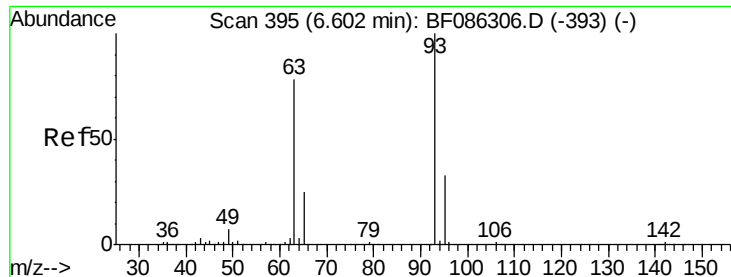
Delta R.T. -0.01 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 617999 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 29.2  | 7.9   | 47.9   |
| 66        | 38.4  | 16.5  | 56.5   |





#11

bis(2-Chloroethyl)ether

Concen: 27.92 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA\_F

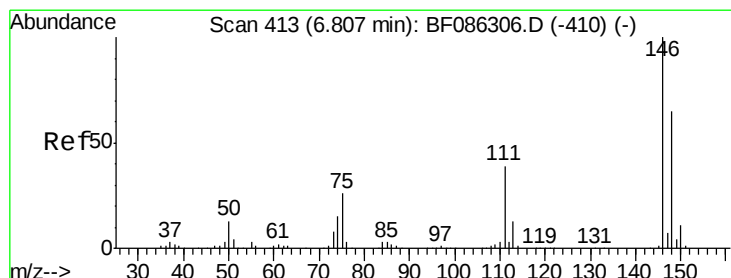
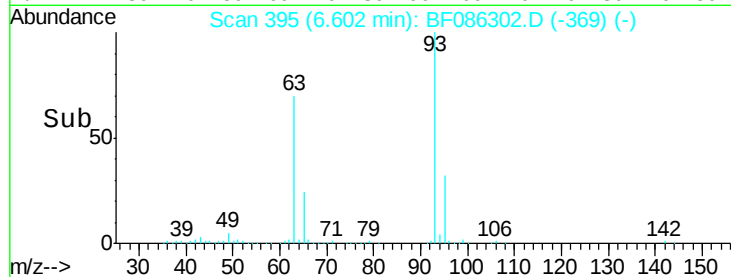
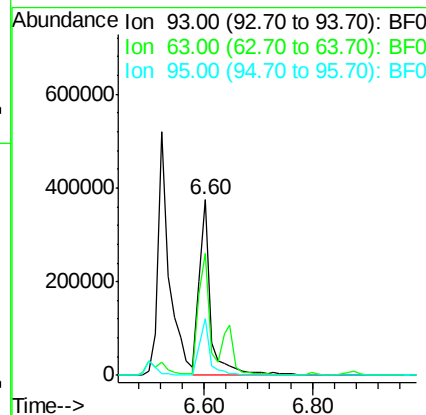
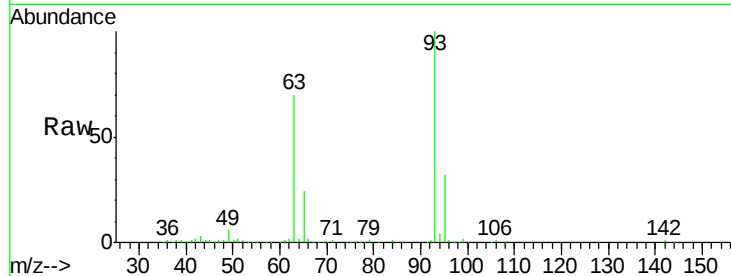
ClientSampleId :

SSTDIC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 528883 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 69.7  | 44.4  | 84.4   |
| 95        | 32.0  | 13.1  | 53.1   |

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#12

1,3-Dichlorobenzene

Concen: 26.01 ng m

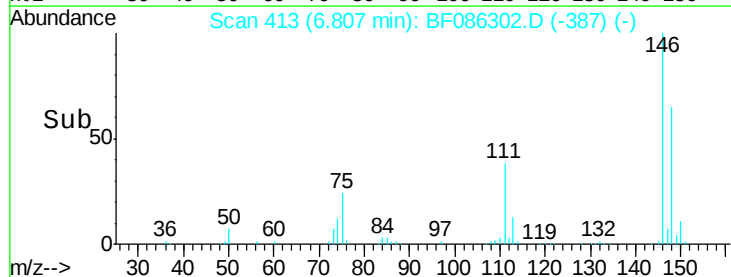
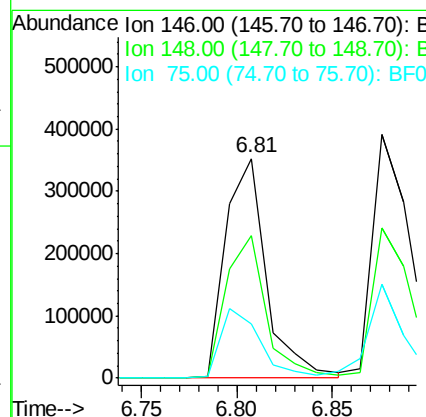
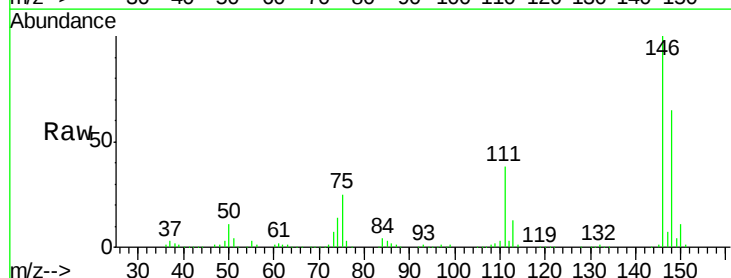
RT: 6.81 min Scan# 413

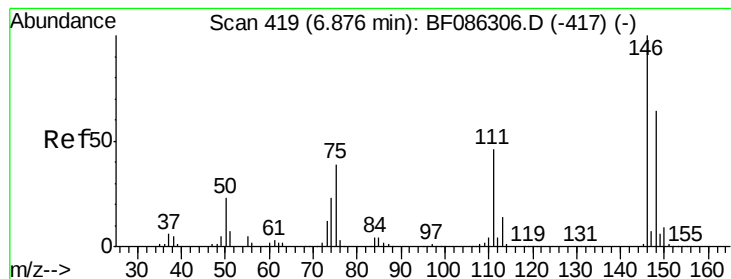
Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 527883 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.1  | 51.0  | 76.4   |
| 75        | 24.6  | 29.9  | 44.9#  |





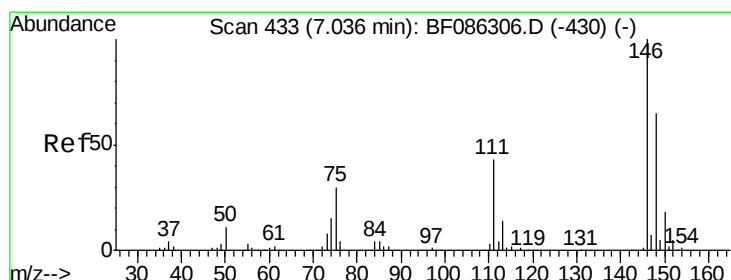
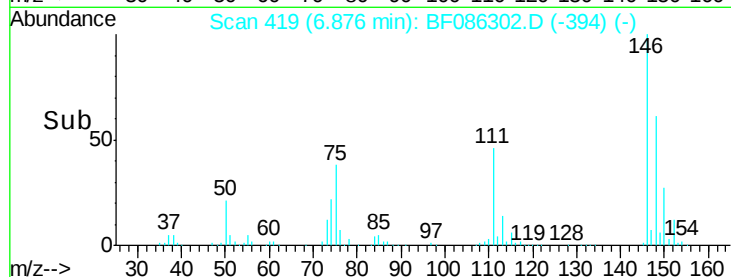
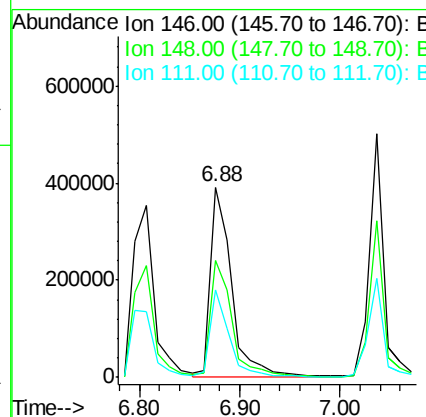
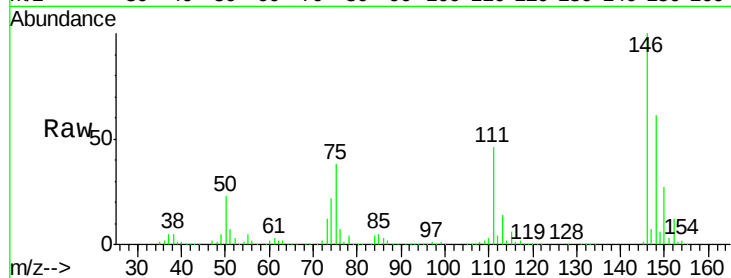
#13  
 1,4-Dichlorobenzene  
 Concen: 29.56 ng  
 RT: 6.88 min Scan# 419  
 Delta R.T. -0.01 min  
 Lab File: BF086302.D  
 Acq: 20 Apr 2016 11:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.5  | 51.8  | 77.6  |
| 111     | 46.2  | 34.9  | 52.3  |

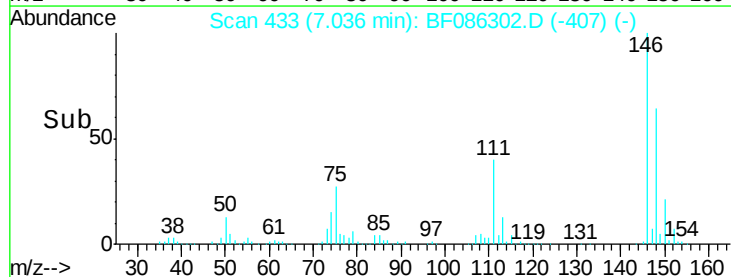
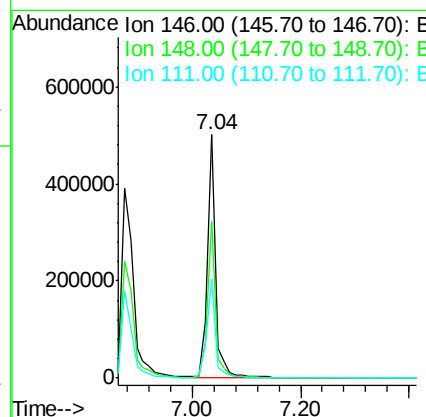
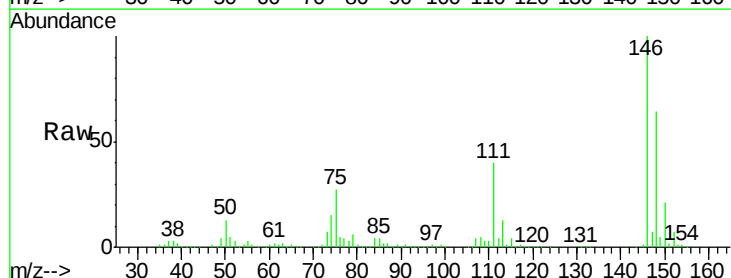
Manual Integrations  
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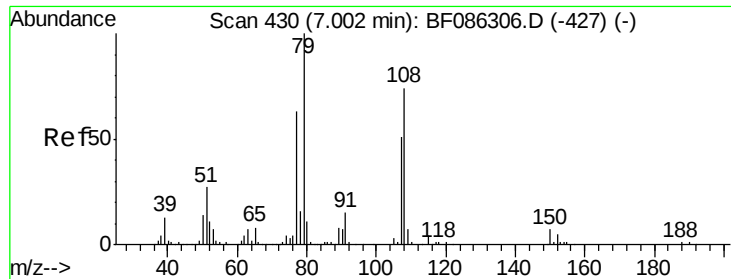
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#14  
 1,2-Dichlorobenzene  
 Concen: 30.16 ng  
 RT: 7.04 min Scan# 433  
 Delta R.T. 0.00 min  
 Lab File: BF086302.D  
 Acq: 20 Apr 2016 11:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.1  | 52.2  | 78.2  |
| 111     | 40.4  | 31.0  | 46.4  |





#15

Benzyl Alcohol

Concen: 23.30 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA\_F

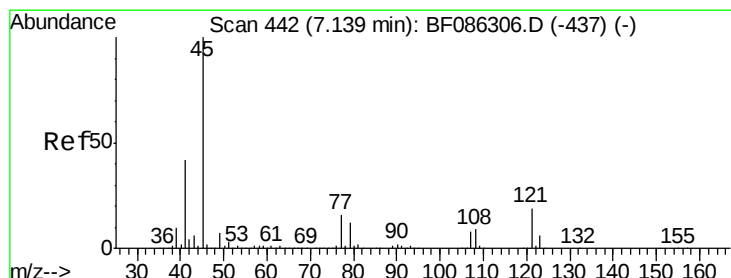
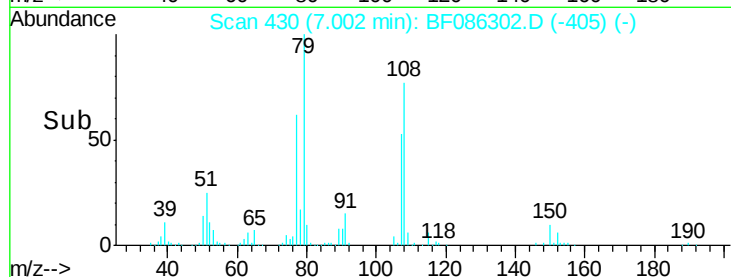
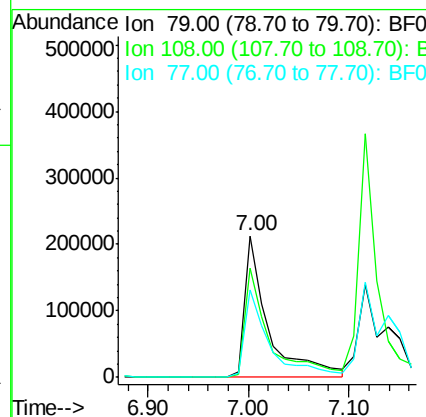
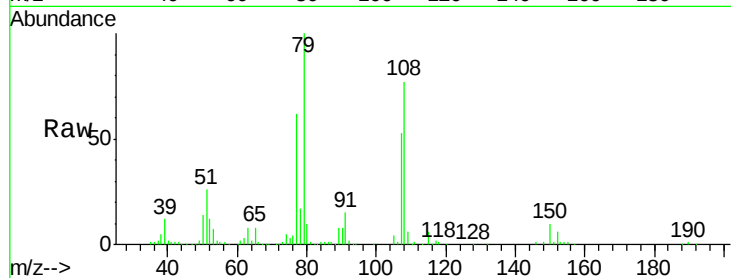
ClientSampleId :

SSTDIC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 349580 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 77.1  | 64.8  | 97.2   |
| 77        | 62.2  | 51.9  | 77.9   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 26.07 ng

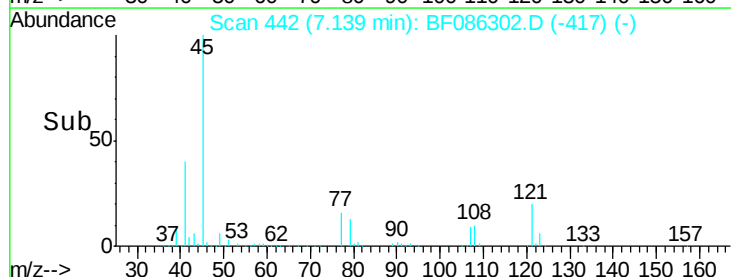
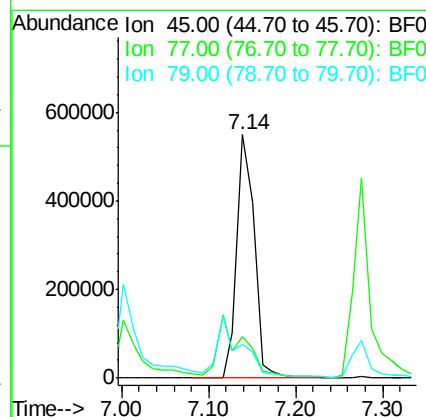
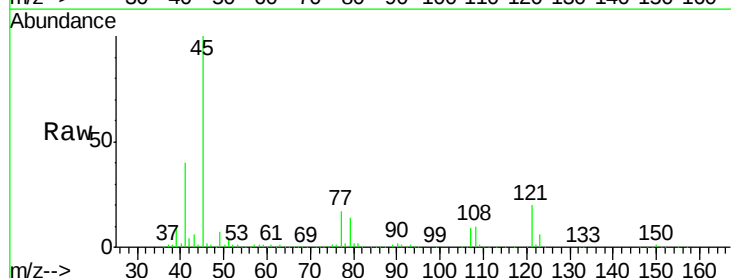
RT: 7.14 min Scan# 442

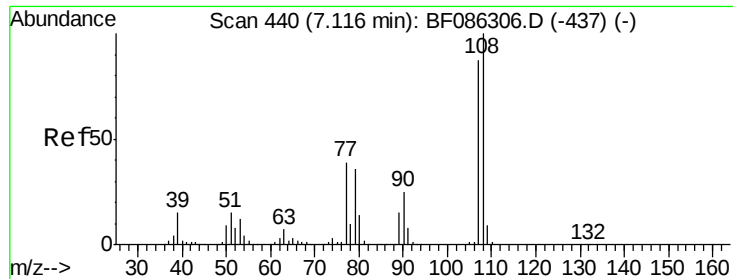
Delta R.T. -0.01 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 769548 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 17.1  | 0.0   | 33.7   |
| 79        | 13.9  | 0.0   | 30.1   |





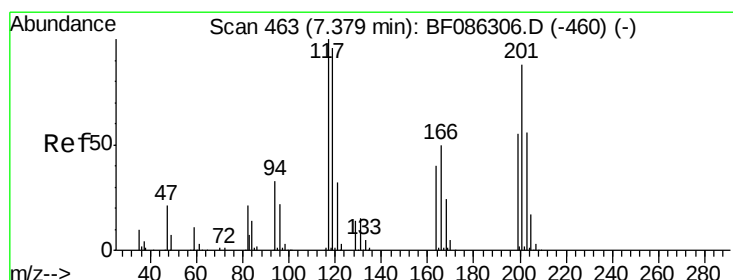
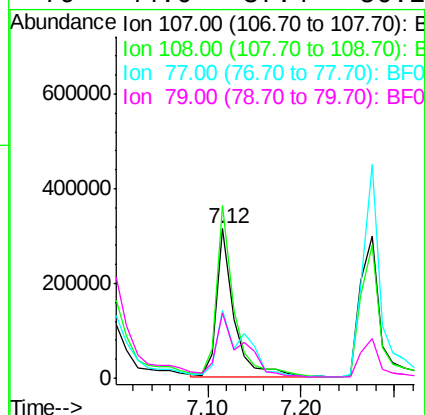
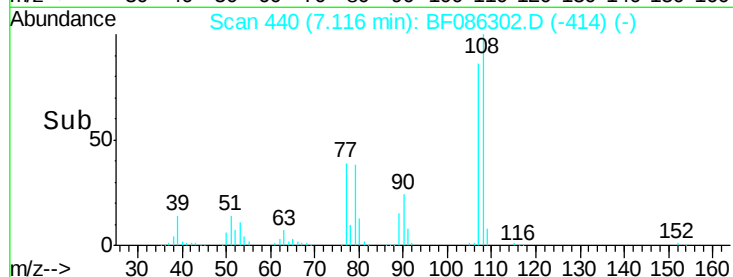
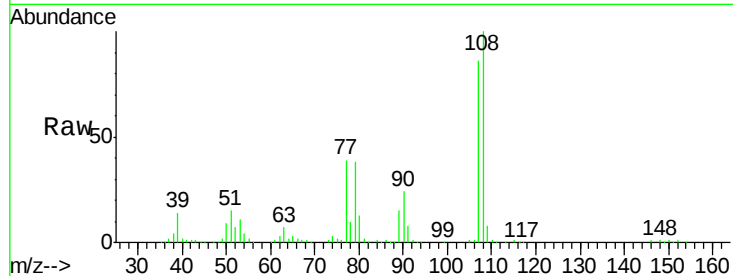
#17  
2-Methylphenol  
Concen: 25.90 ng  
RT: 7.12 min Scan# 440  
Delta R.T. 0.00 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 412687 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 116.0 | 92.7  | 139.1  |
| 77        | 45.2  | 39.6  | 59.4   |
| 79        | 44.0  | 37.4  | 56.2   |

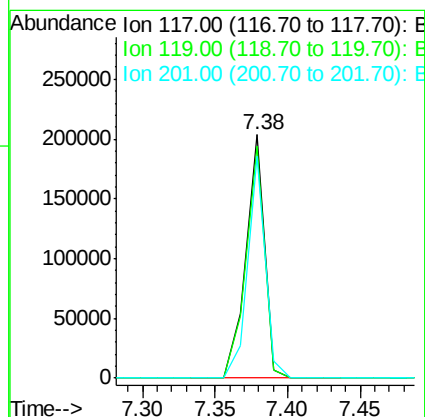
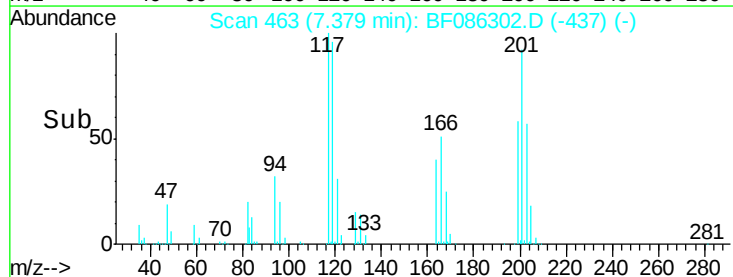
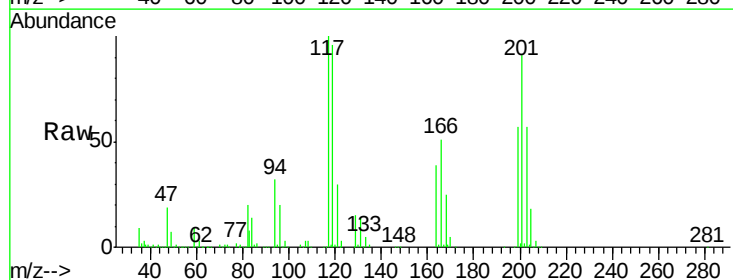
Manual Integrations  
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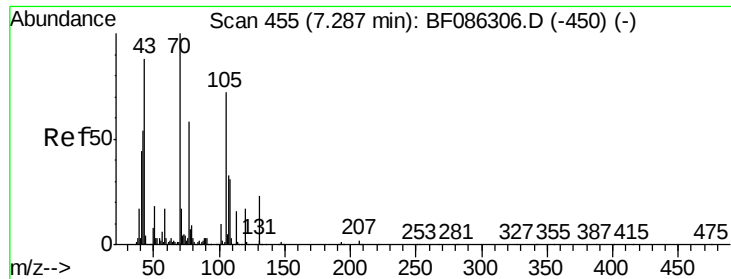
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#18  
Hexachloroethane  
Concen: 25.06 ng  
RT: 7.38 min Scan# 463  
Delta R.T. 0.00 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 182781 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 95.5  | 78.2  | 117.4  |
| 201       | 91.2  | 75.7  | 113.5  |





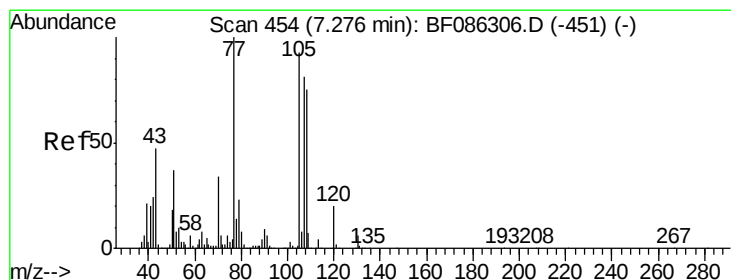
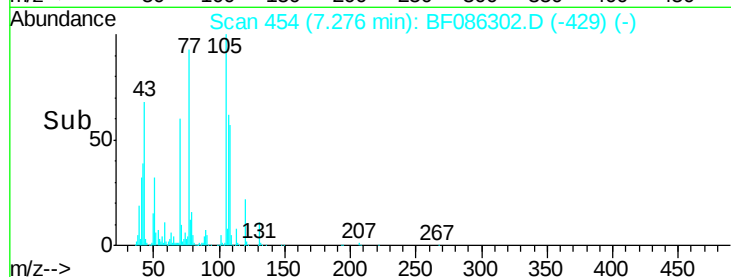
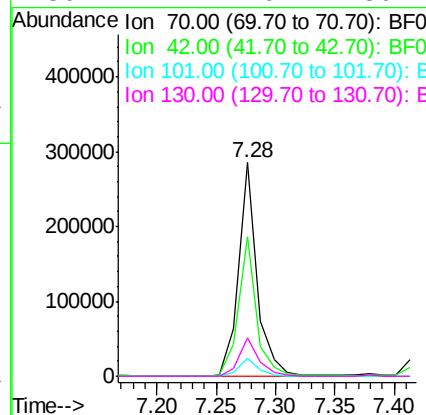
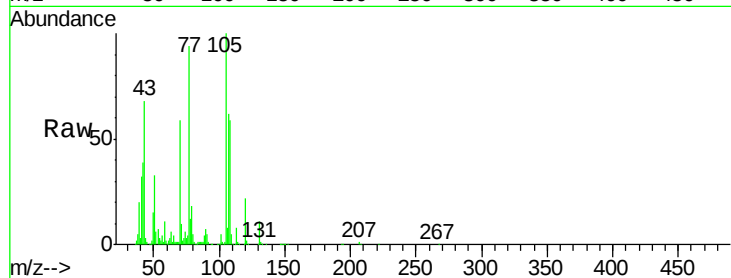
#19  
n-Nitroso-di-n-propylamine  
Concen: 23.39 ng  
RT: 7.28 min Scan# 454  
Delta R.T. -0.01 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 65.1  | 43.0  | 64.4# |
| 101     | 8.7   | 8.1   | 12.1  |
| 130     | 17.7  | 20.1  | 30.1# |

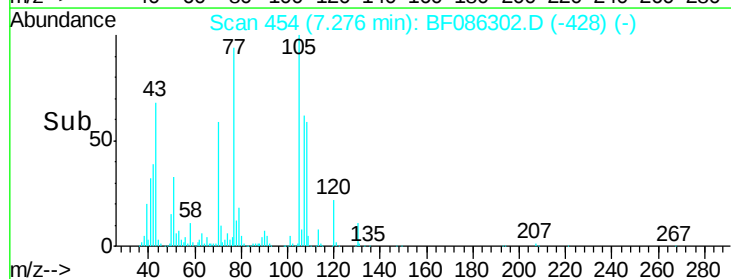
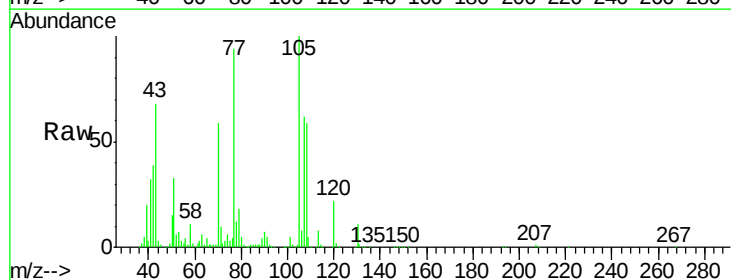
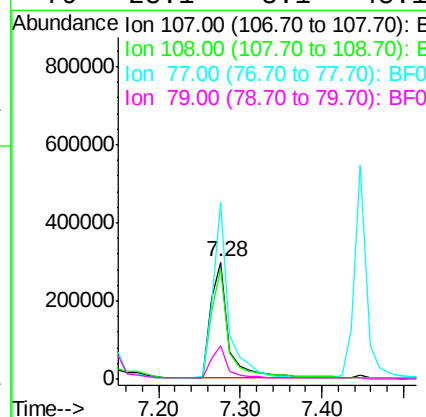
Manual Integrations  
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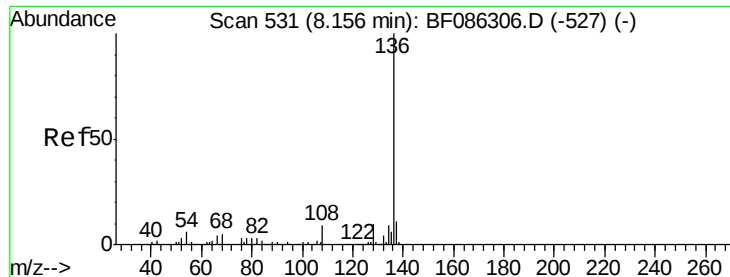
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#20  
3+4-Methylphenols  
Concen: 26.12 ng  
RT: 7.28 min Scan# 454  
Delta R.T. 0.00 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 93.8  | 69.7  | 109.7  |
| 77      | 150.6 | 60.5  | 100.5# |
| 79      | 28.1  | 8.1   | 48.1   |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA\_F

ClientSampleId :

SSTDICC025

Tot Ion:136 Resp: 1130058

Ion Ratio Lower Upper

136 100

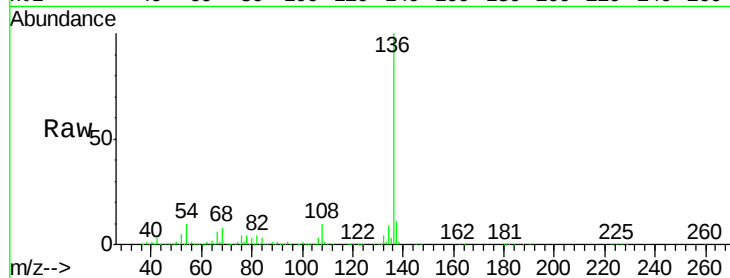
137 11.5 9.1 13.7

54 10.0 7.3 10.9

68 8.0 5.7 8.5

Manual Integrations  
APPROVED

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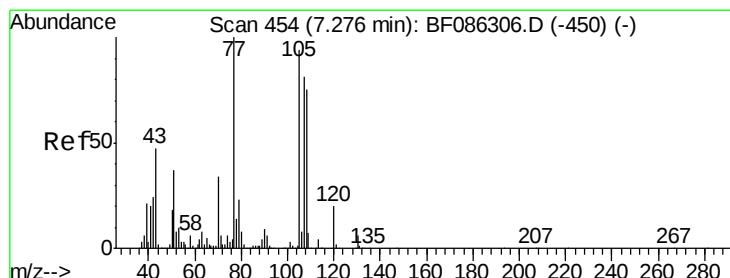
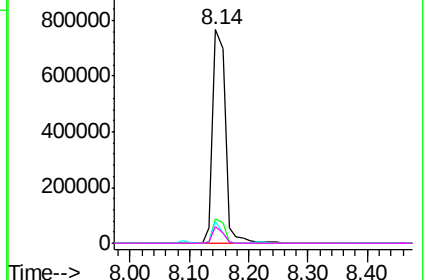
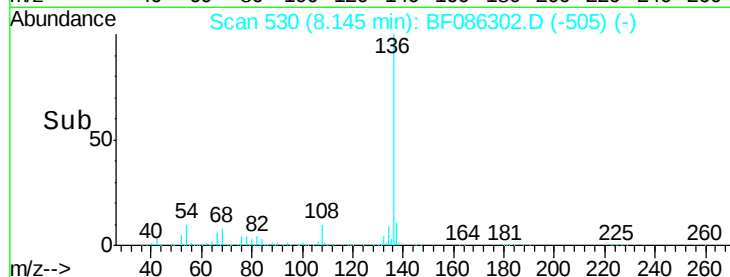


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 27.20 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Tgt Ion:105 Resp: 647066

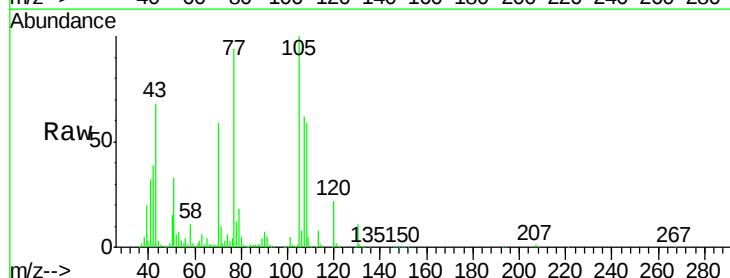
Ion Ratio Lower Upper

105 100

71 10.2 4.0 6.0#

51 32.8 22.0 33.0

120 21.6 17.5 26.3

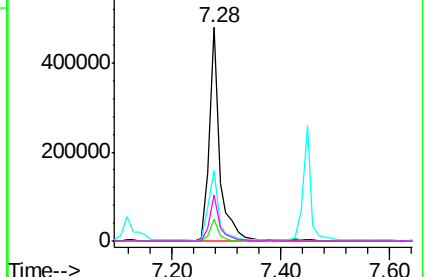
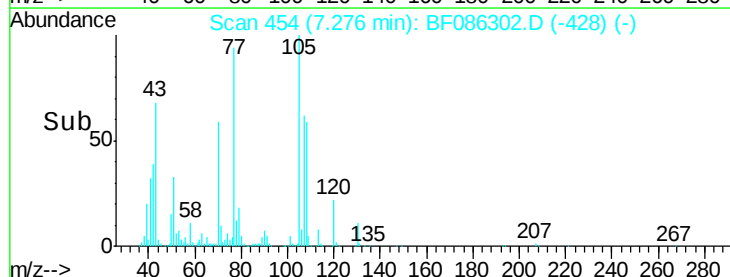


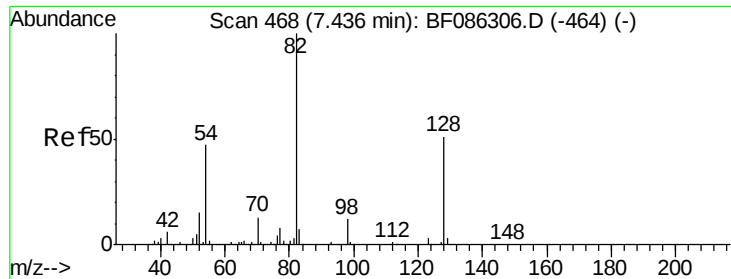
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





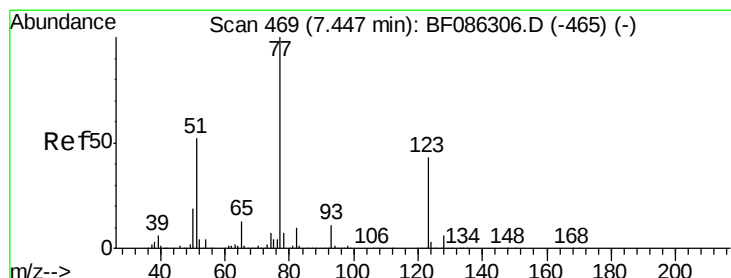
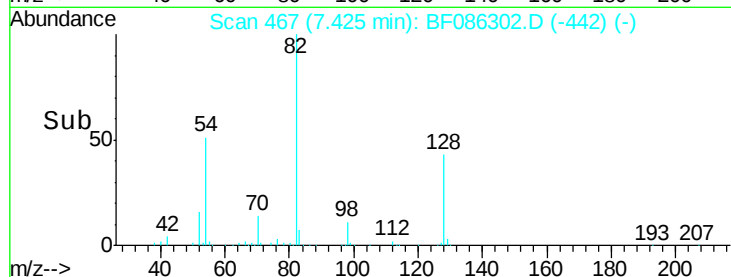
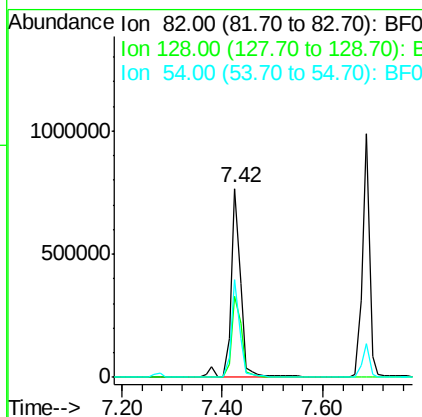
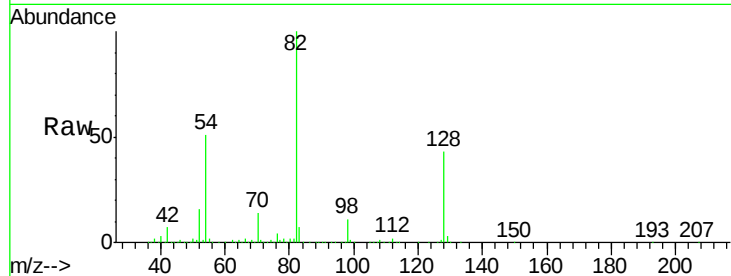
#23  
 Nitrobenzene-d5  
 Concen: 52.33 ng  
 RT: 7.42 min Scan# 467  
 Delta R.T. -0.01 min  
 Lab File: BF086302.D  
 Acq: 20 Apr 2016 11:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tot Ion   | 82   | Resp  | 1025217 |
|-----------|------|-------|---------|
| Ion Ratio | 100  | Lower | Upper   |
| 82        | 100  |       |         |
| 128       | 43.0 | 35.4  | 53.2    |
| 54        | 51.4 | 43.4  | 65.0    |

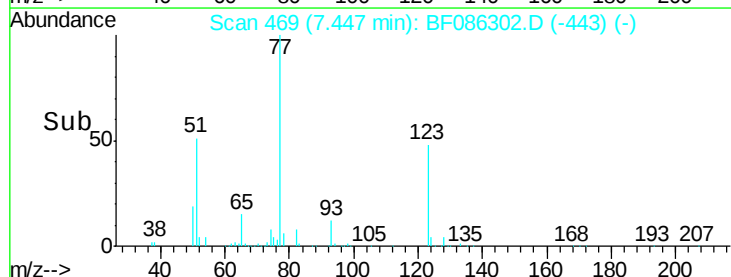
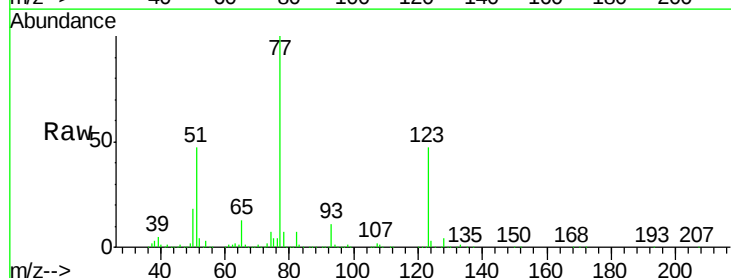
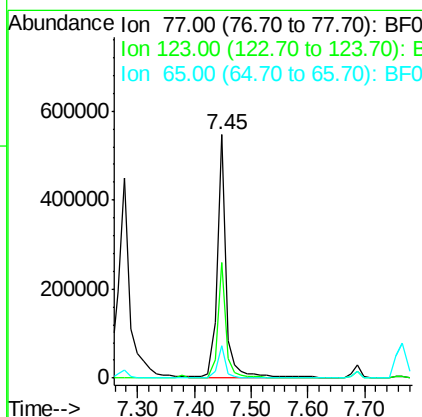
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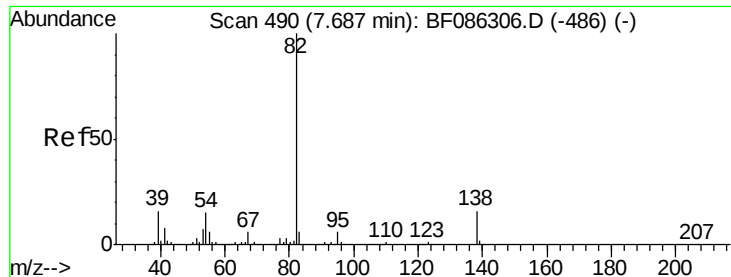
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#24  
 Nitrobenzene  
 Concen: 27.18 ng  
 RT: 7.45 min Scan# 469  
 Delta R.T. 0.00 min  
 Lab File: BF086302.D  
 Acq: 20 Apr 2016 11:14

| Tgt Ion   | 77   | Resp  | 582202 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 77        | 100  |       |        |
| 123       | 47.3 | 38.3  | 57.5   |
| 65        | 13.2 | 11.3  | 16.9   |





#25

Isophorone

Concen: 24.99 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA\_F

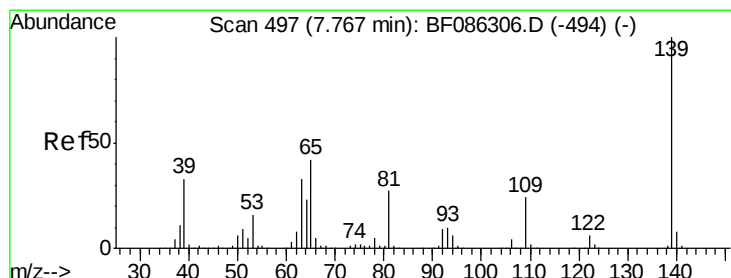
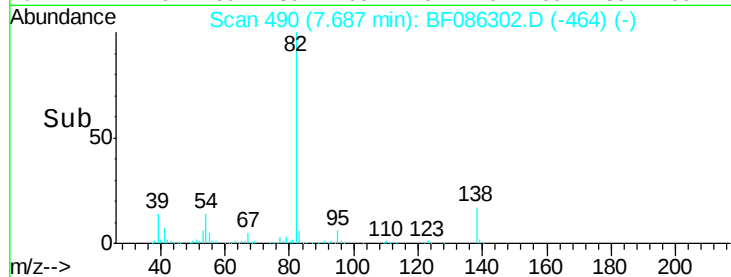
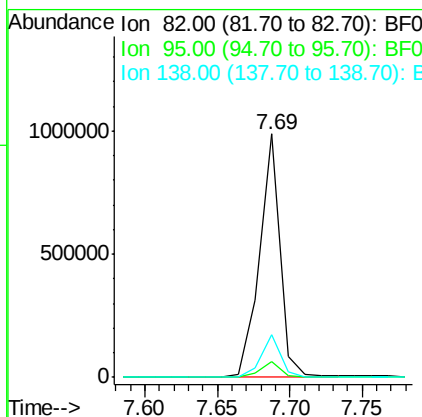
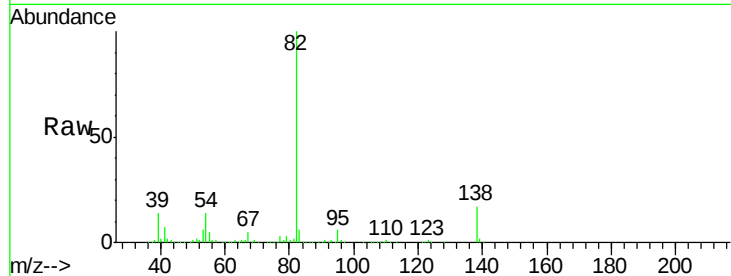
ClientSampled :

SSTDIC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 971537 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.3   | 5.4   | 8.2    |
| 138       | 17.4  | 13.4  | 20.2   |

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#26

2-Nitrophenol

Concen: 27.27 ng

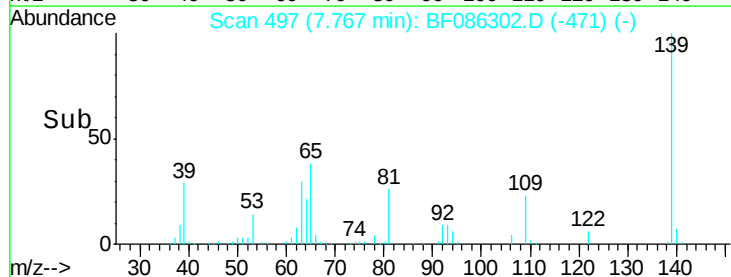
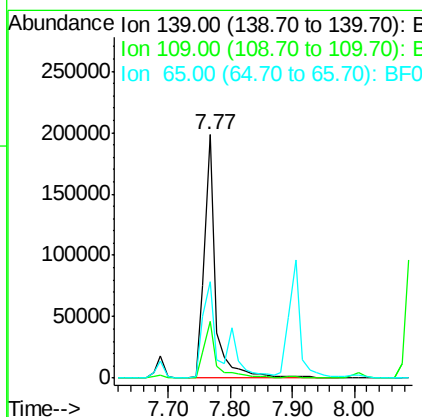
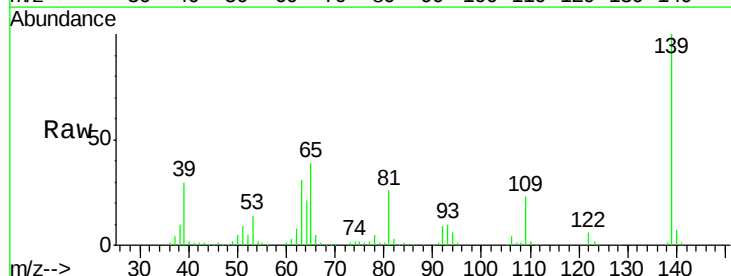
RT: 7.77 min Scan# 497

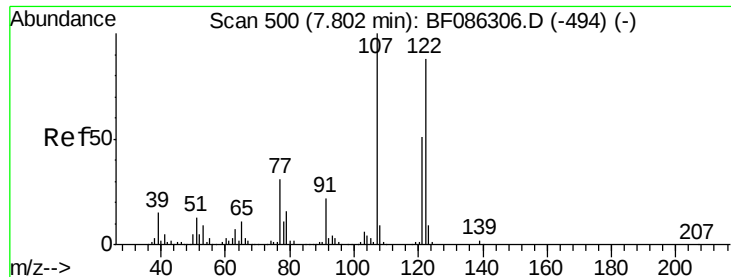
Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 254709 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 23.1  | 25.8  | 38.8#  |
| 65        | 39.4  | 50.2  | 75.2#  |





#27

2,4-Dimethylphenol

Concen: 25.54 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA\_F

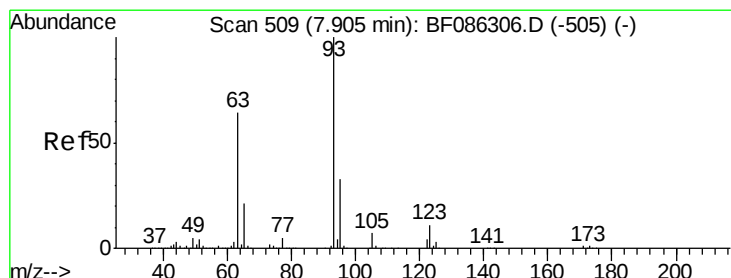
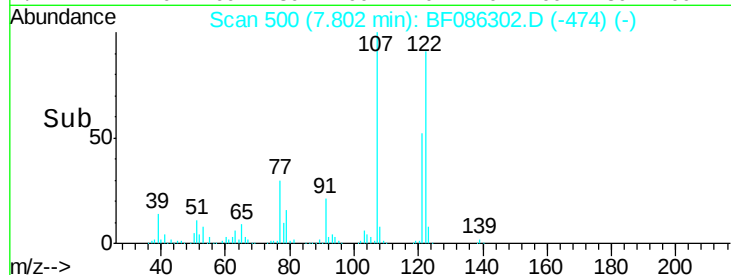
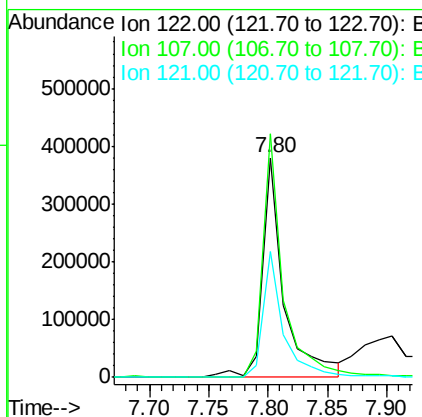
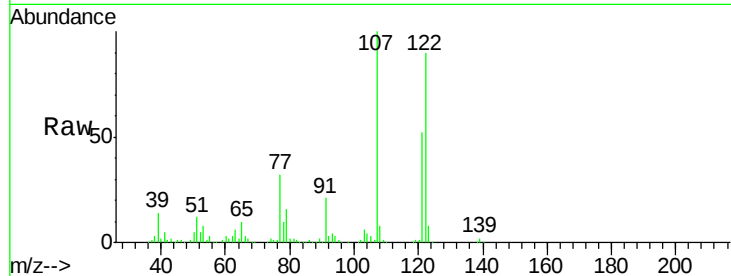
ClientSampleId :

SSTDIC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 481720 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 110.8 | 85.8  | 128.6  |
| 121       | 57.4  | 47.1  | 70.7   |

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#28

bis(2-Chloroethoxy)methane

Concen: 25.04 ng

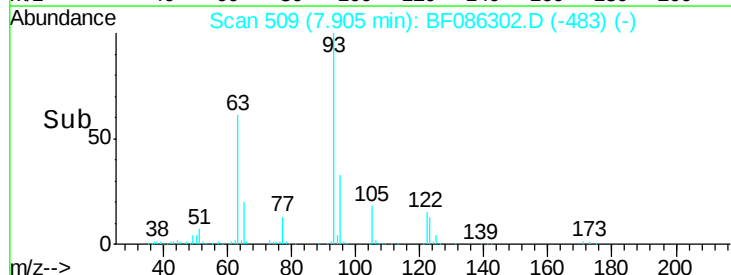
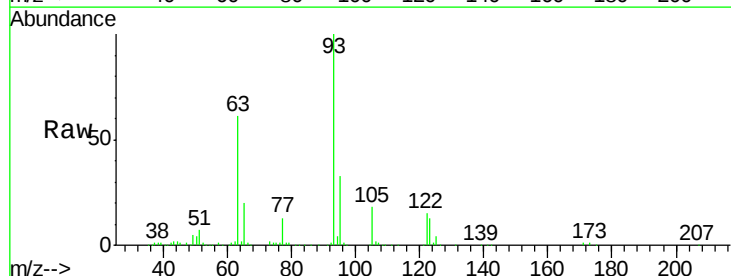
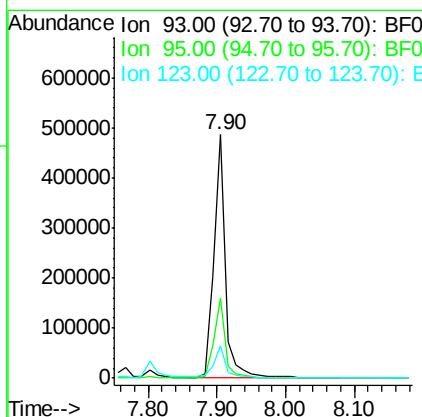
RT: 7.90 min Scan# 509

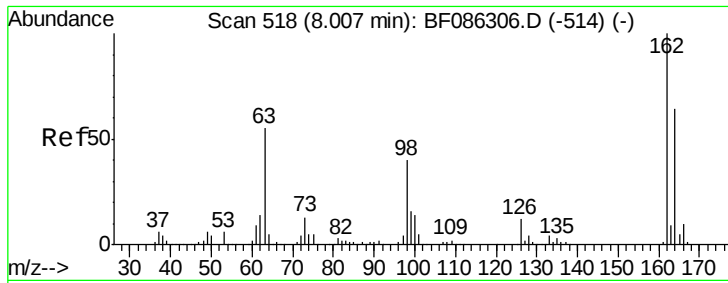
Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 572443 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.8  | 25.8  | 38.8   |
| 123       | 13.1  | 8.9   | 13.3   |





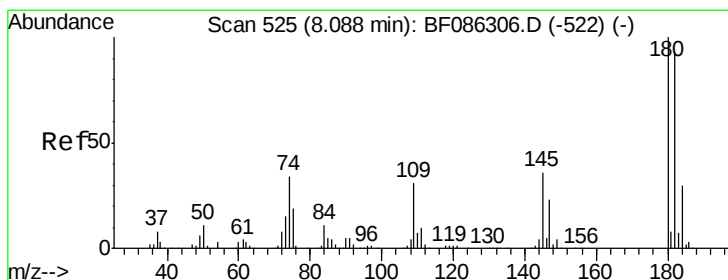
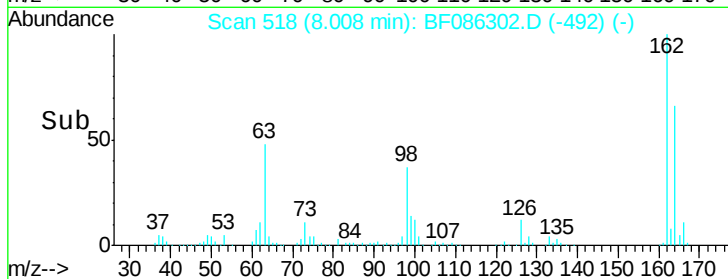
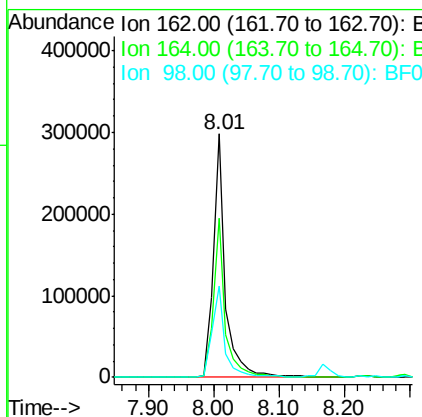
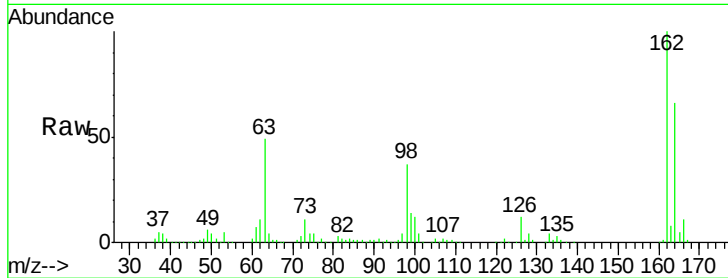
#29  
 2,4-Dichlorophenol  
 Concen: 27.37 ng  
 RT: 8.01 min Scan# 518  
 Delta R.T. 0.00 min  
 Lab File: BF086302.D  
 Acq: 20 Apr 2016 11:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 392553 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 65.6  | 43.3  | 83.3   |
| 98        | 37.5  | 22.9  | 62.9   |

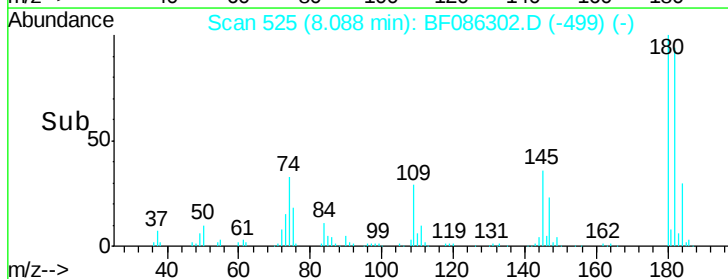
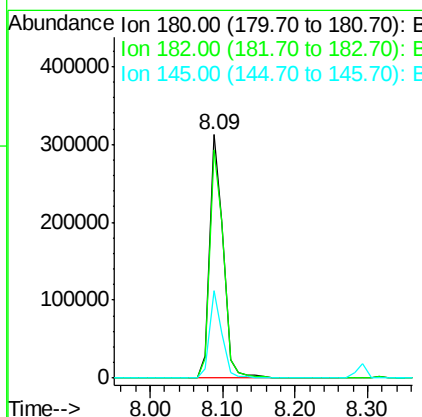
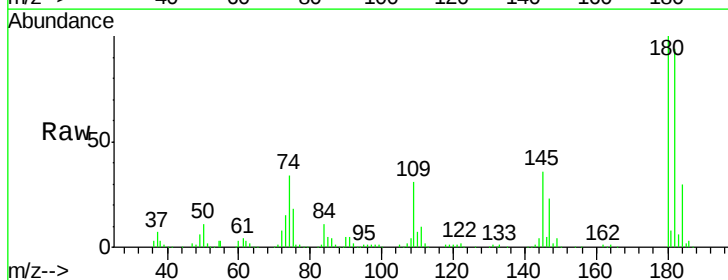
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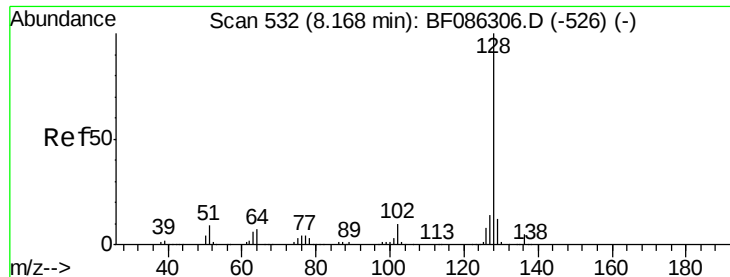
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 26.97 ng  
 RT: 8.09 min Scan# 525  
 Delta R.T. 0.00 min  
 Lab File: BF086302.D  
 Acq: 20 Apr 2016 11:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 404693 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 93.9  | 76.3  | 114.5  |
| 145       | 35.8  | 27.4  | 41.2   |





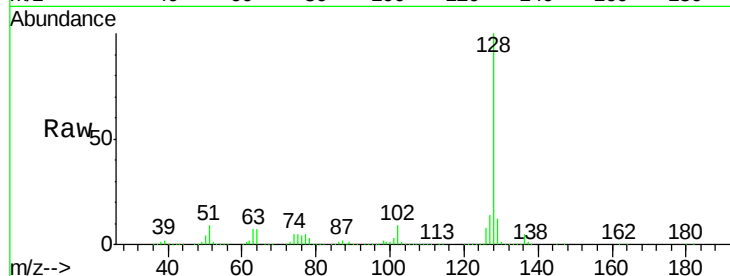
#31  
Naphthalene  
Concen: 28.77 ng  
RT: 8.17 min Scan# 532  
Delta R.T. -0.01 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

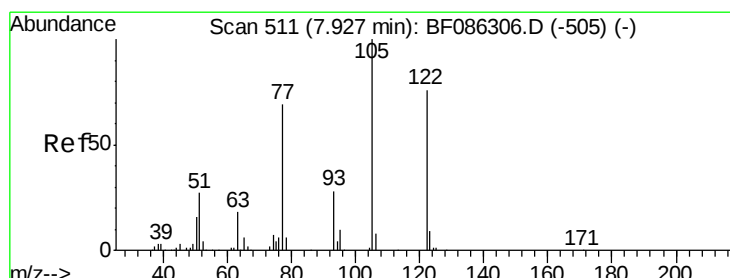
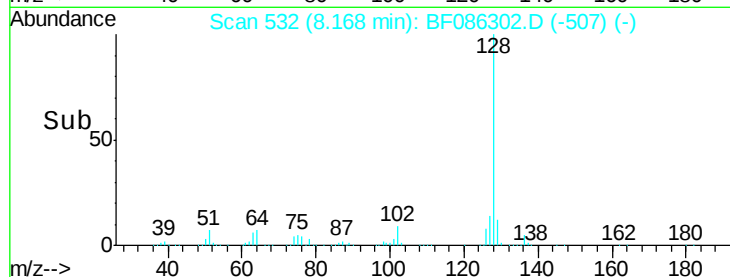
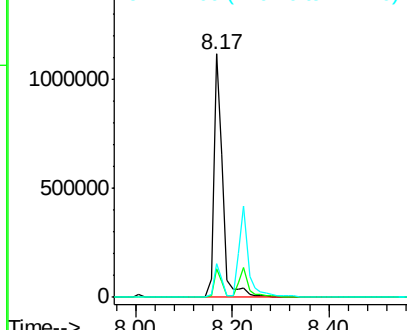
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.7  | 9.6   | 14.4  |
| 127     | 13.6  | 11.4  | 17.2  |

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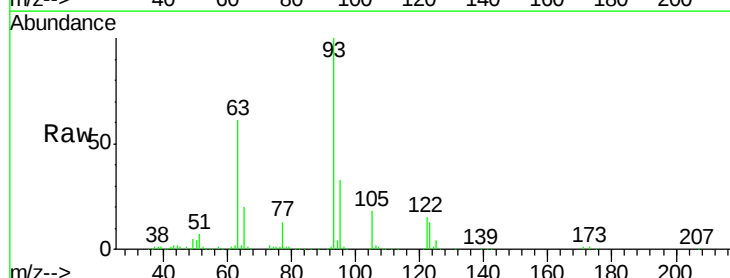


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

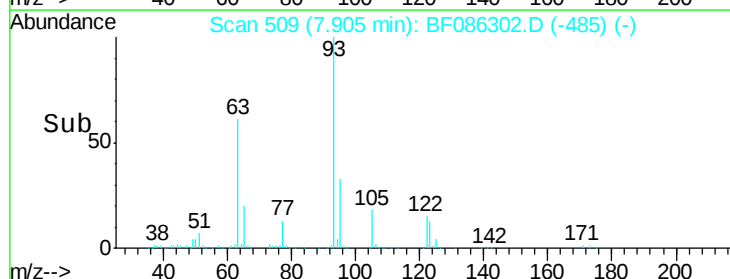
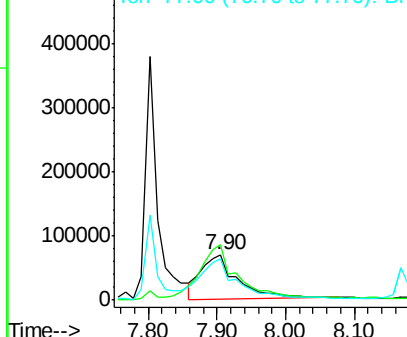


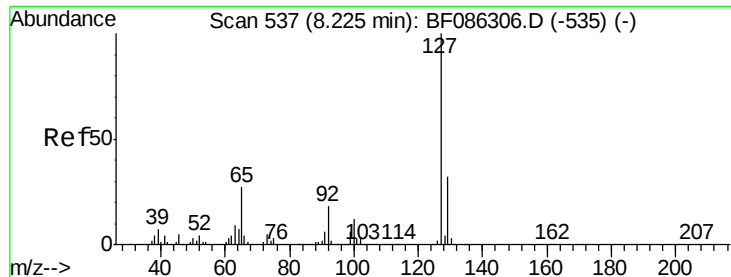
#32  
Benzoic acid  
Concen: 20.94 ng  
RT: 7.90 min Scan# 509  
Delta R.T. -0.02 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 122.7 | 103.7 | 143.7 |
| 77      | 91.0  | 74.9  | 114.9 |



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





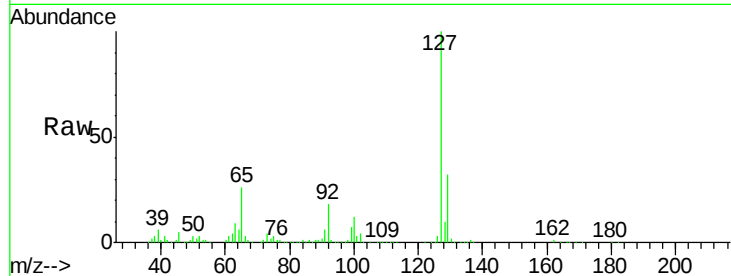
#33  
4-Chloroaniline  
Concen: 25.96 ng  
RT: 8.22 min Scan# 537  
Delta R.T. 0.00 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

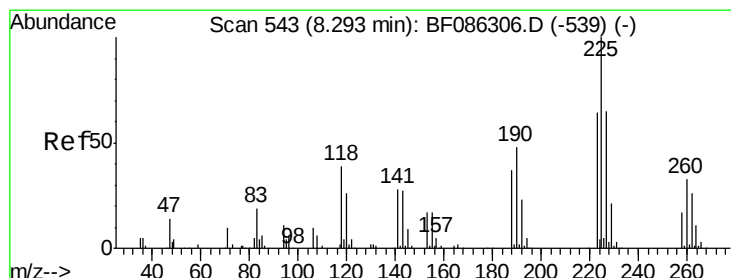
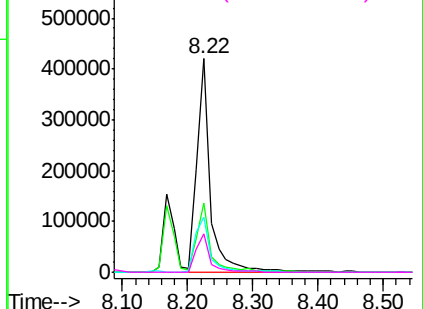
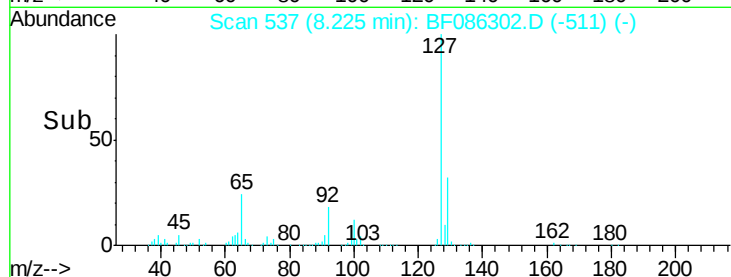
| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.4 | 26.8  | 40.2 |       |       |
| 65      | 25.5 | 27.1  | 40.7 |       |       |
| 92      | 18.2 | 16.2  | 24.2 |       |       |

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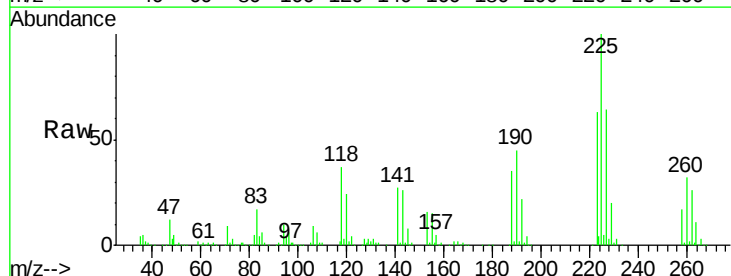


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

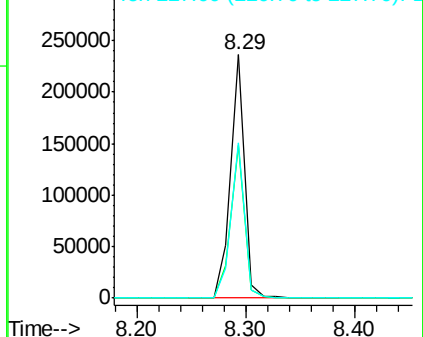
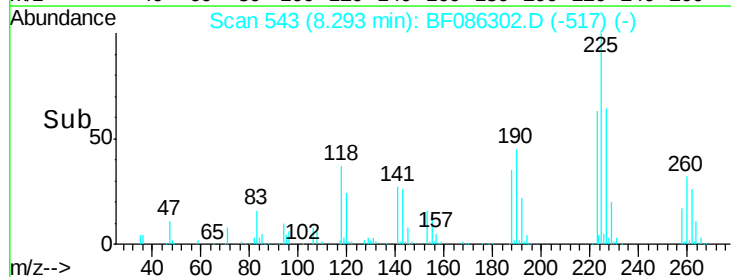


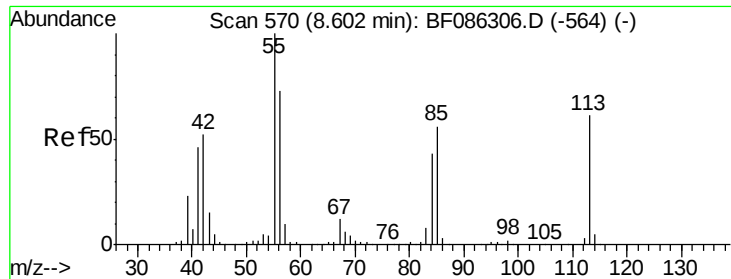
#34  
Hexachlorobutadiene  
Concen: 27.85 ng  
RT: 8.29 min Scan# 543  
Delta R.T. 0.00 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 62.5 | 49.4  | 74.0 |       |       |
| 227     | 63.6 | 51.1  | 76.7 |       |       |



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: 22.65 ng

RT: 8.58 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA\_F

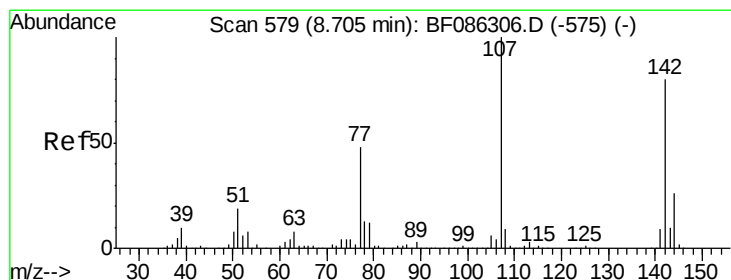
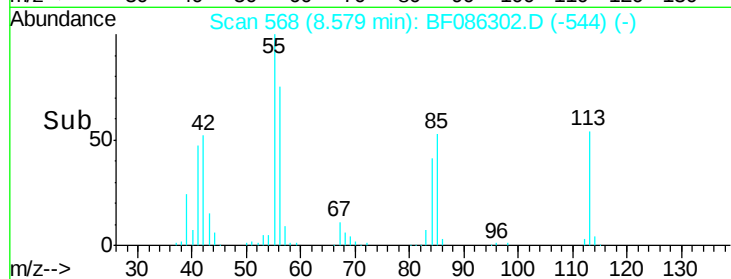
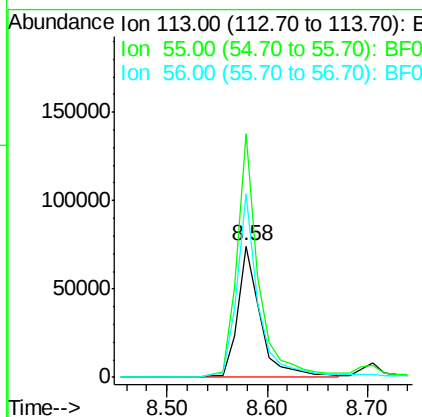
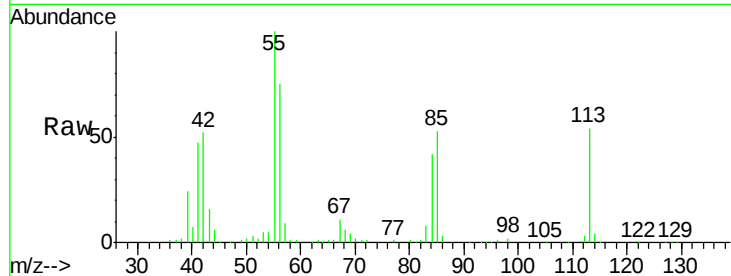
ClientSampleId :

SSTDICC025

| Tot Ion | Ion   | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|-------|--------|-------|
| 113     | 100   |       |       |        |       |
| 55      | 185.3 |       | 117.5 | 157.5# |       |
| 56      | 139.2 |       | 82.5  | 122.5# |       |

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#36

4-Chloro-3-methylphenol

Concen: 25.65 ng

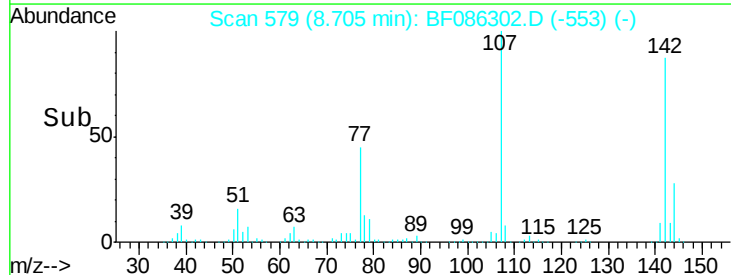
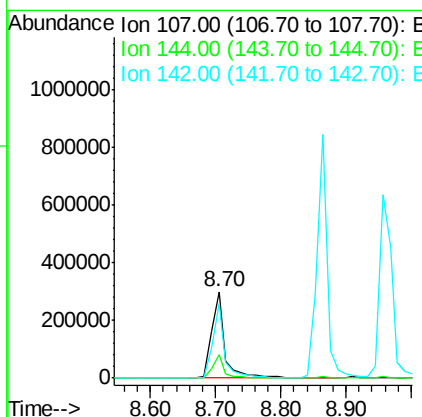
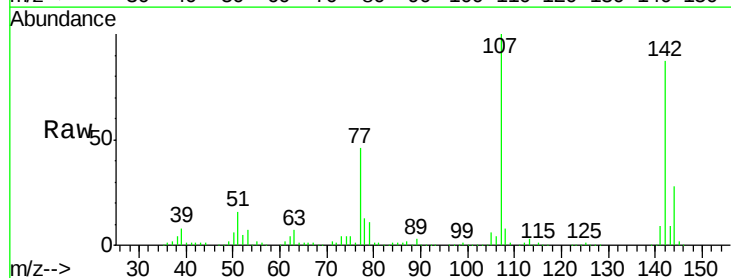
RT: 8.70 min Scan# 579

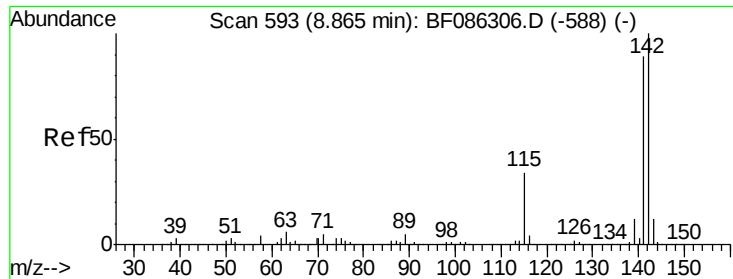
Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 107     | 100  |       |      |       |       |
| 144     | 27.5 |       | 20.7 | 31.1  |       |
| 142     | 86.7 |       | 64.5 | 96.7  |       |





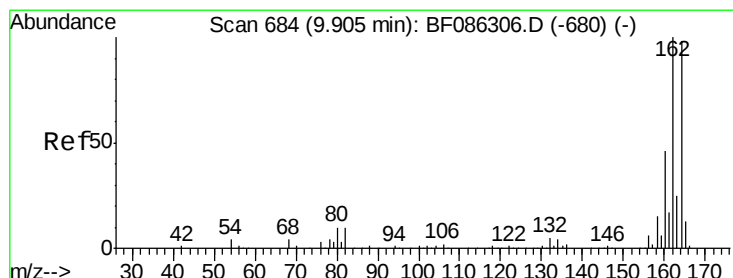
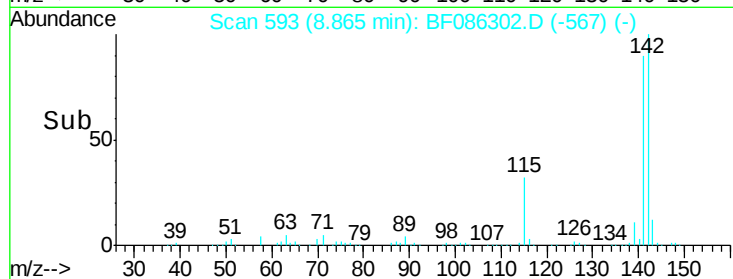
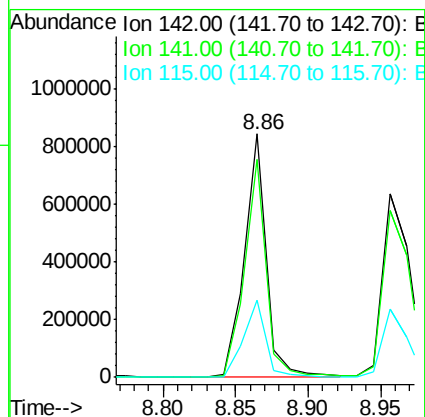
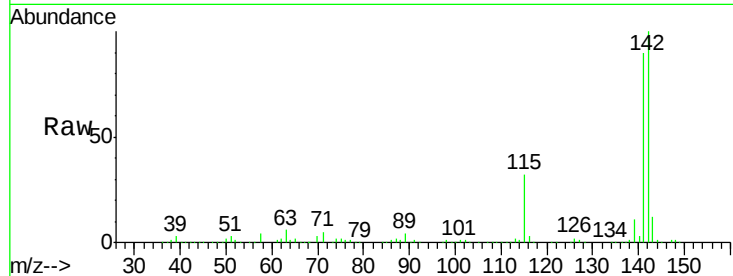
#37  
2-Methylnaphthalene  
Concen: 27.10 ng  
RT: 8.86 min Scan# 593  
Delta R.T. 0.00 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 884334 |       |       |
| 141     | 89.6  |        | 71.1  | 106.7 |
| 115     | 31.8  |        | 25.1  | 37.7  |

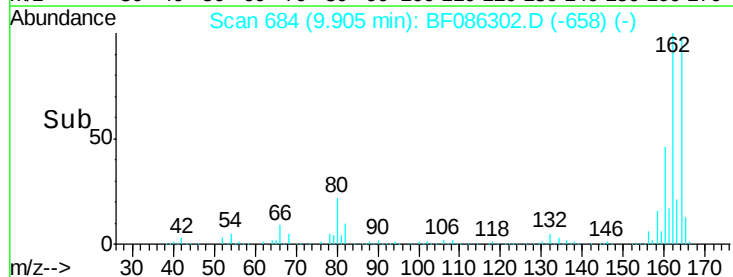
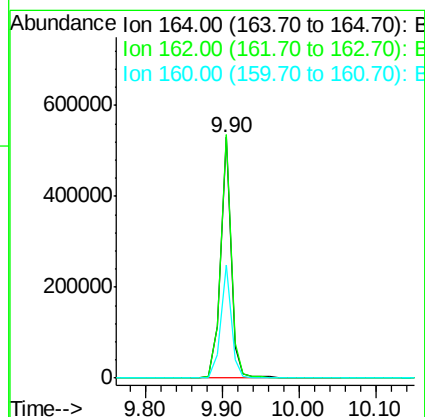
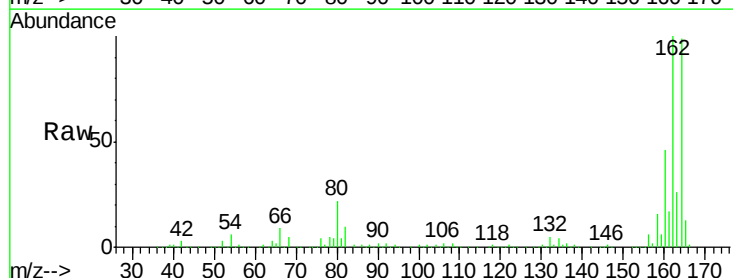
Manual Integrations  
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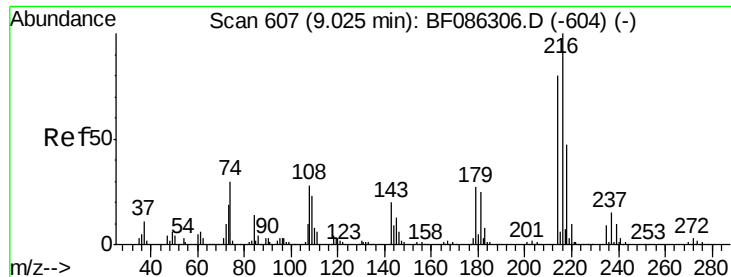
sohil  
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.90 min Scan# 684  
Delta R.T. 0.00 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 507527 |       |       |
| 162     | 101.2 |        | 82.8  | 124.2 |
| 160     | 46.8  |        | 38.9  | 58.3  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.36 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA\_F

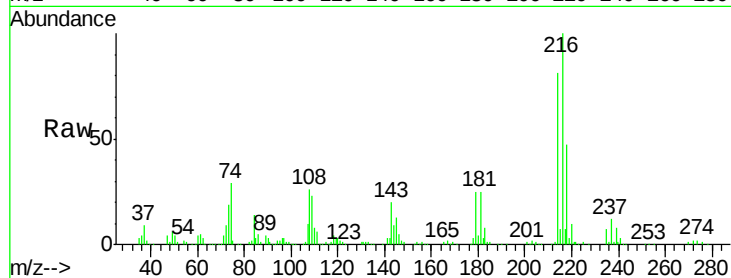
ClientSampleId :

SSTDICC025

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 345696 |       |       |
| 214     | 79.2 |       | 64.9   | 97.3  |       |
| 179     | 23.4 |       | 19.8   | 29.6  |       |
| 108     | 22.6 |       | 21.0   | 31.4  |       |

Manual Integrations  
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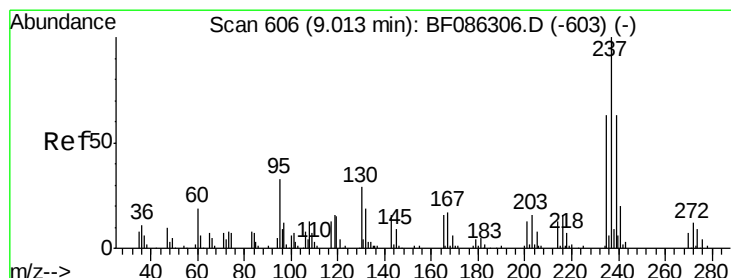
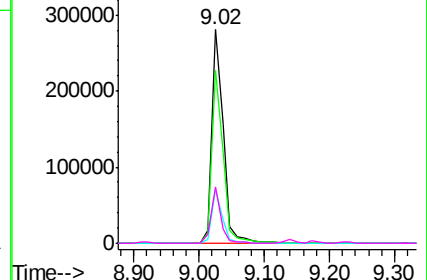
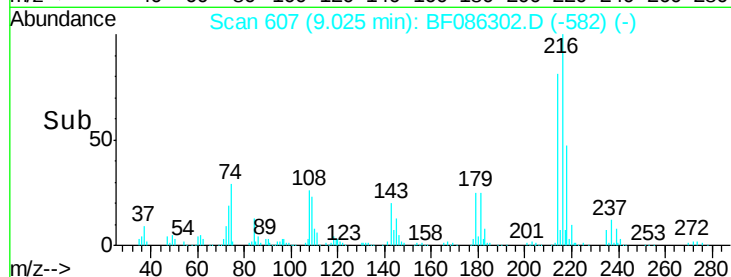


Abundance Ion 216.00 (215.70 to 216.70): E

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: 15.65 ng

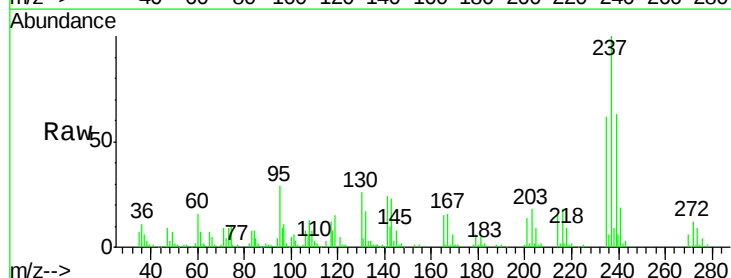
RT: 9.01 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

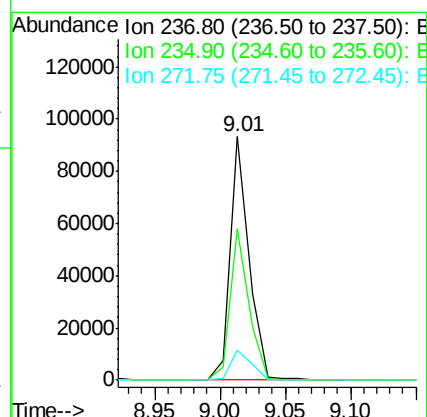
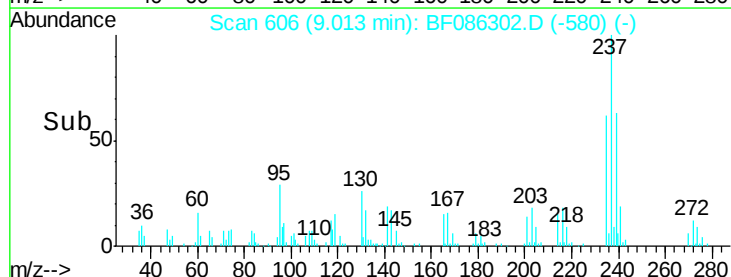
| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 237     | 100  |       | 93623 |       |       |
| 235     | 62.3 |       | 44.0  | 84.0  |       |
| 272     | 12.0 |       | 0.0   | 32.4  |       |

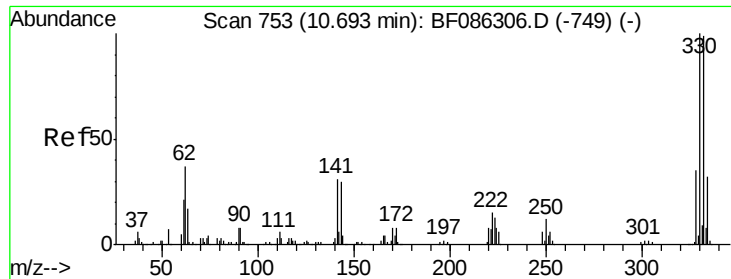


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





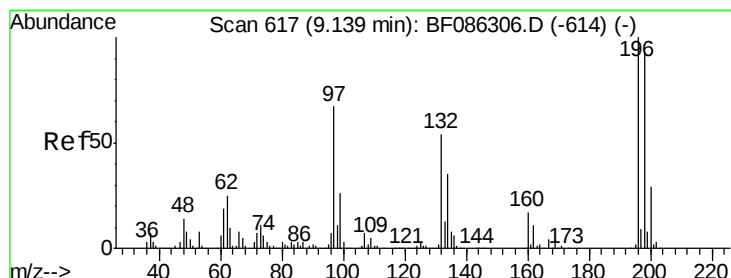
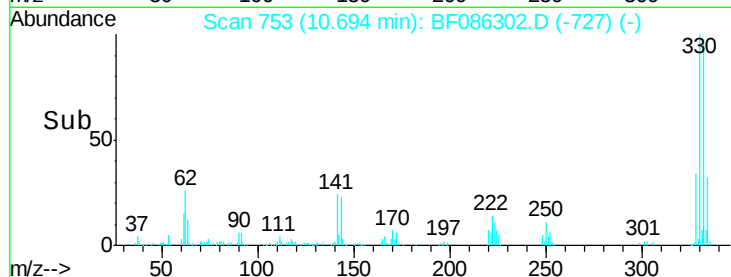
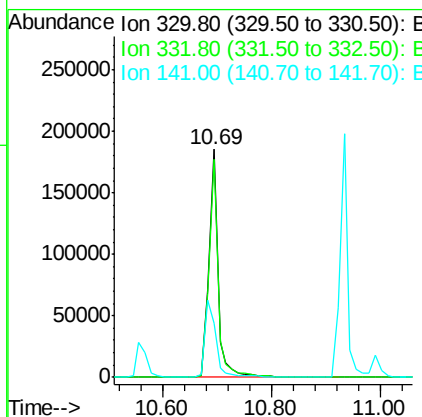
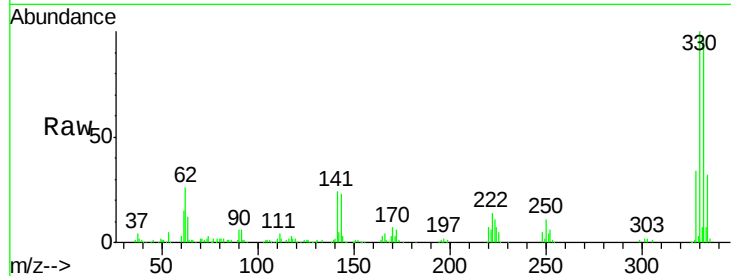
#41  
 2,4,6-Tribromophenol  
 Concen: 54.21 ng  
 RT: 10.69 min Scan# 753  
 Delta R.T. 0.00 min  
 Lab File: BF086302.D  
 Acq: 20 Apr 2016 11:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 220933 |       |       |
| 332     | 96.4  | 78.7   | 118.1 |       |
| 141     | 40.5  | 28.6   | 42.8  |       |

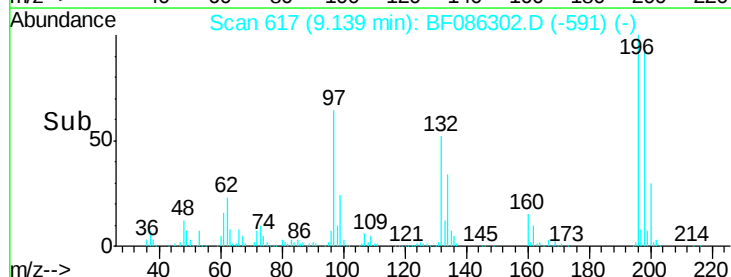
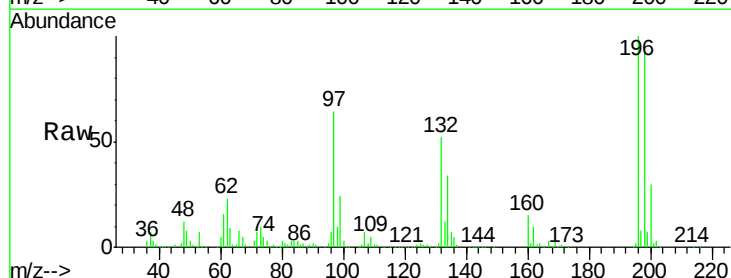
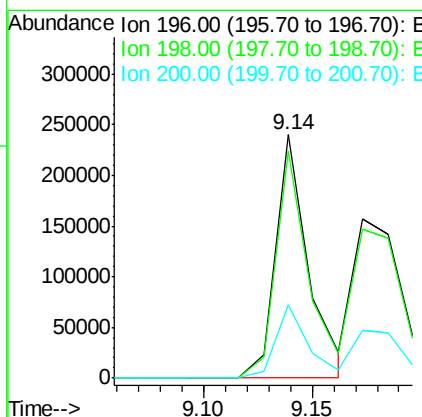
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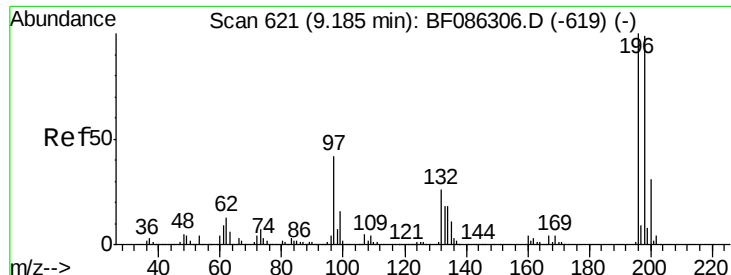
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#42  
 2,4,6-Trichlorophenol  
 Concen: 25.25 ng  
 RT: 9.14 min Scan# 617  
 Delta R.T. 0.00 min  
 Lab File: BF086302.D  
 Acq: 20 Apr 2016 11:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 252484 |       |       |
| 198     | 93.1  | 76.6   | 115.0 |       |
| 200     | 29.9  | 25.3   | 37.9  |       |





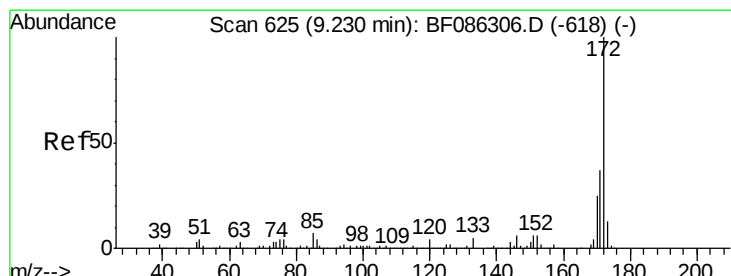
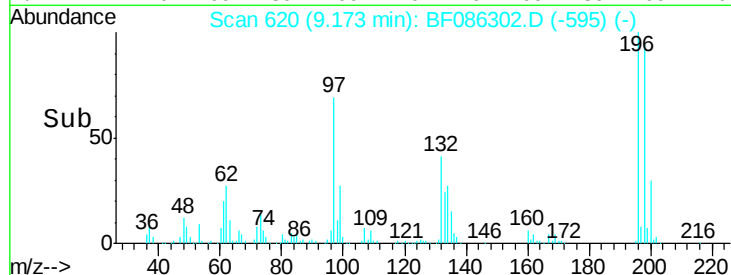
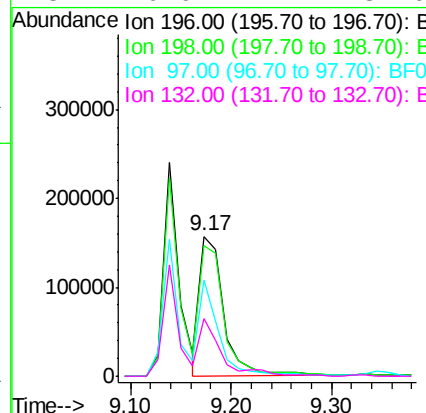
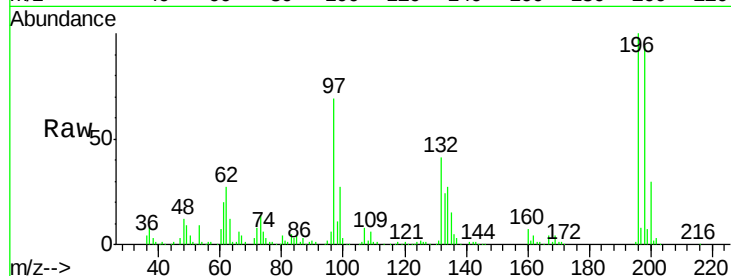
#43  
 2,4,5-Trichlorophenol  
 Concen: 27.09 ng  
 RT: 9.17 min Scan# 620  
 Delta R.T. -0.01 min  
 Lab File: BF086302.D  
 Acq: 20 Apr 2016 11:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 196     | 100   |            |       |
| 198     | 93.6  | 77.7       | 116.5 |
| 97      | 68.9  | 32.6       | 48.8# |
| 132     | 40.9  | 21.4       | 32.0# |

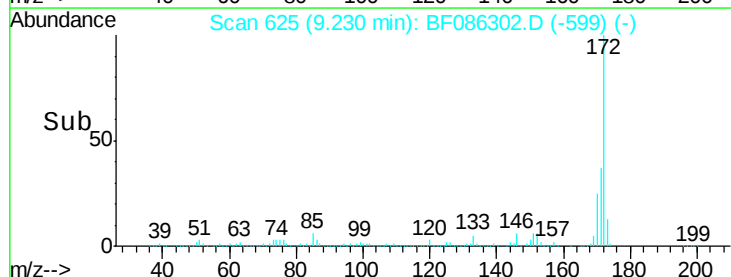
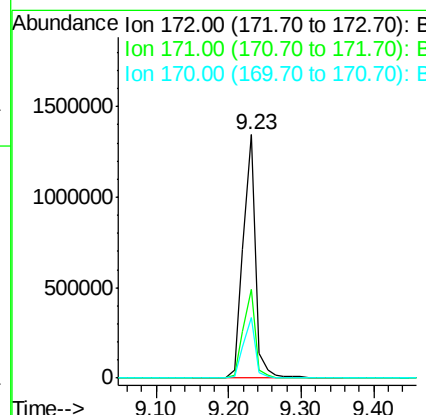
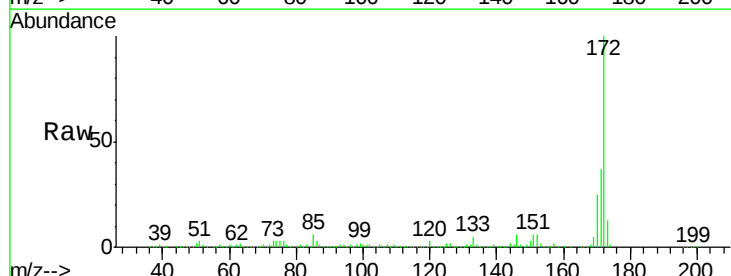
Manual Integrations  
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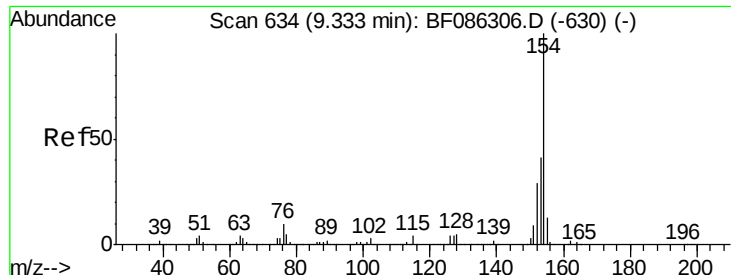
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#44  
 2-Fluorobiphenyl  
 Concen: 58.39 ng  
 RT: 9.23 min Scan# 625  
 Delta R.T. 0.00 min  
 Lab File: BF086302.D  
 Acq: 20 Apr 2016 11:14

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 172     | 100   |            |       |
| 171     | 36.6  | 29.1       | 43.7  |
| 170     | 24.9  | 19.9       | 29.9  |





#45

1,1'-Biphenyl

Concen: 28.04 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA\_F

ClientSampleId :

SSTDIC025

Tot Ion:154 Resp: 1024486

Ion Ratio Lower Upper

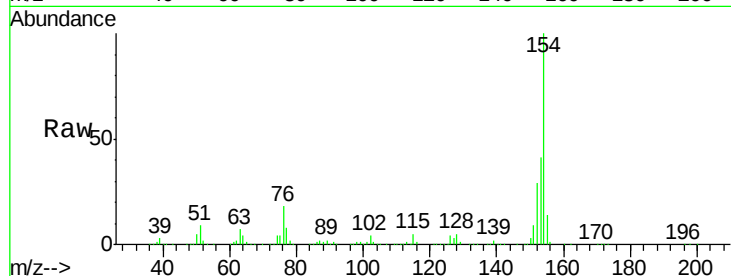
154 100

153 40.7 21.3 61.3

76 17.6 0.0 36.4

Manual Integrations  
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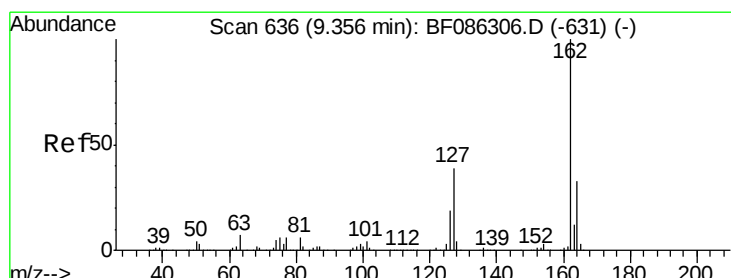
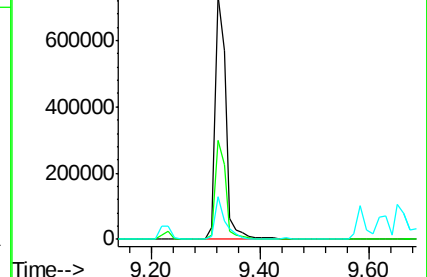
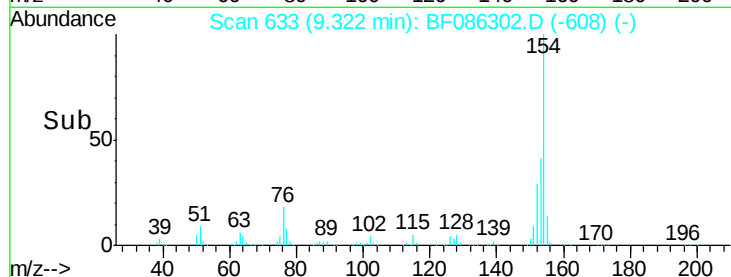
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 27.97 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

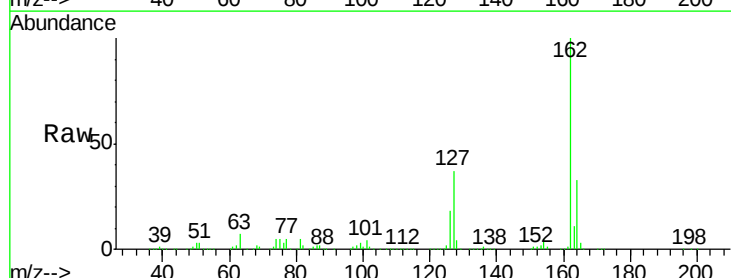
Tgt Ion:162 Resp: 834225

Ion Ratio Lower Upper

162 100

127 36.8 36.7 55.1

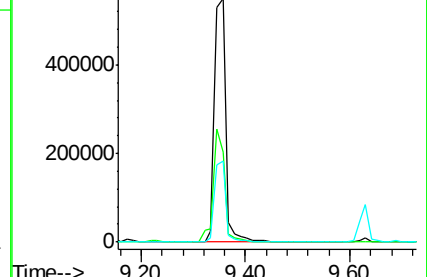
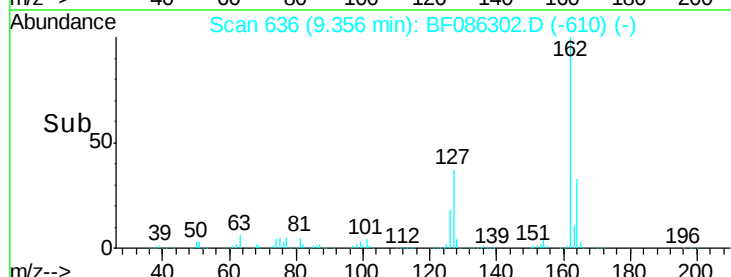
164 33.2 26.4 39.6

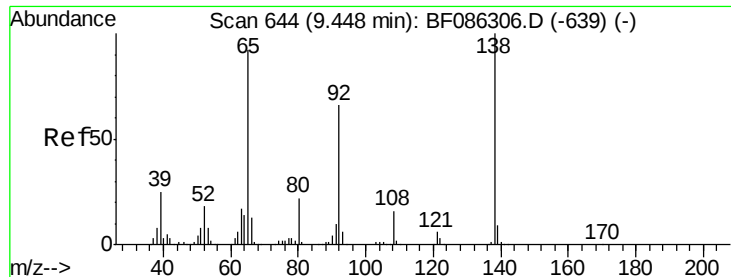


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 27.80 ng

RT: 9.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA\_F

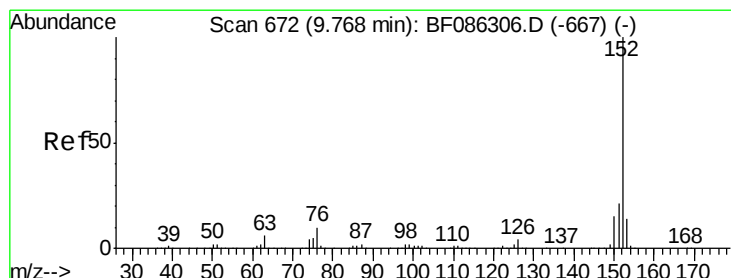
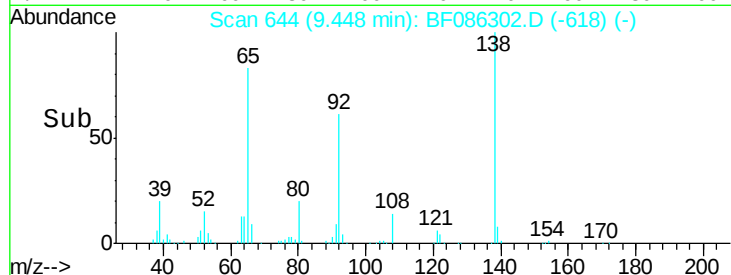
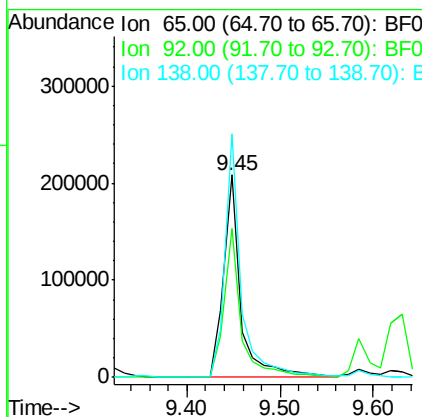
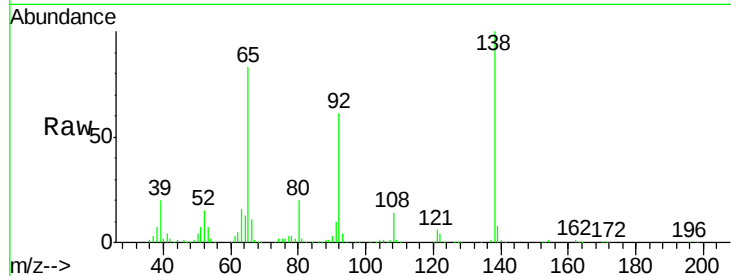
ClientSampleId :

SSTDIC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 73.6  | 51.9  | 77.9  |
| 138     | 120.4 | 72.6  | 108.8 |

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#48

Acenaphthylene

Concen: 28.15 ng

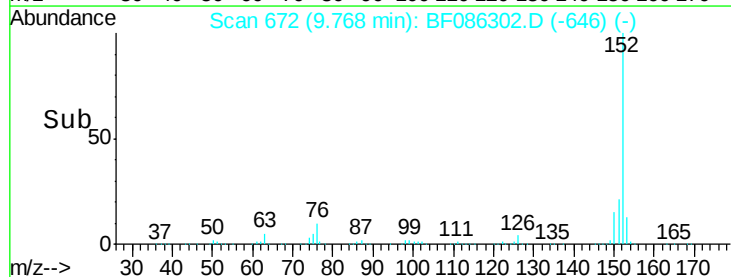
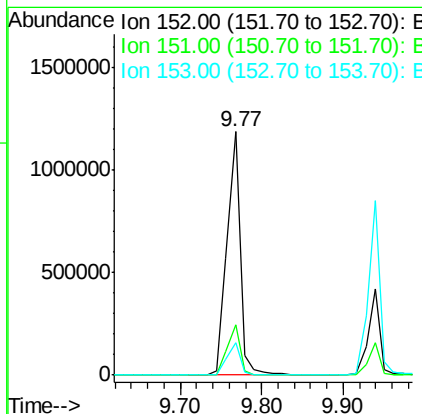
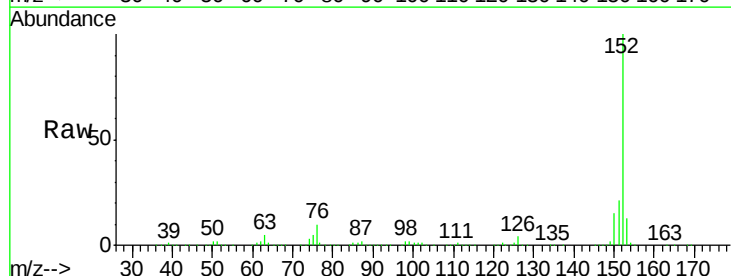
RT: 9.77 min Scan# 672

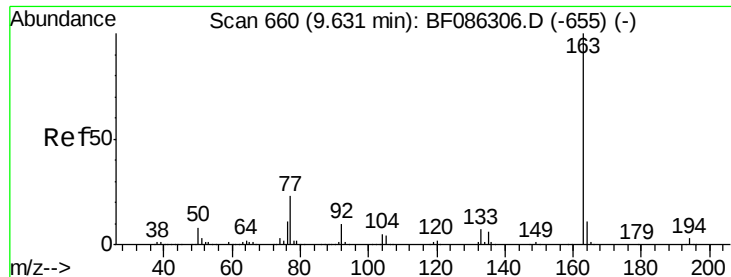
Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.7  | 17.2  | 25.8  |
| 153     | 13.2  | 10.7  | 16.1  |





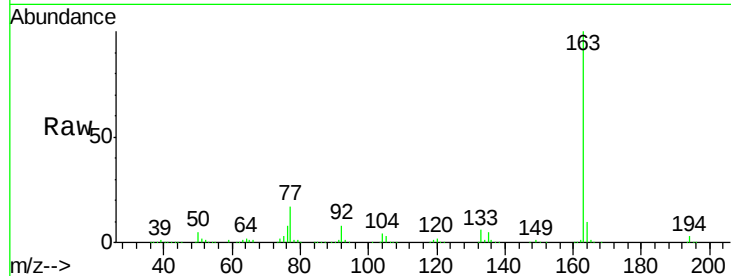
#49  
Dimethylphthalate  
Concen: 27.34 ng  
RT: 9.63 min Scan# 660  
Delta R.T. 0.00 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

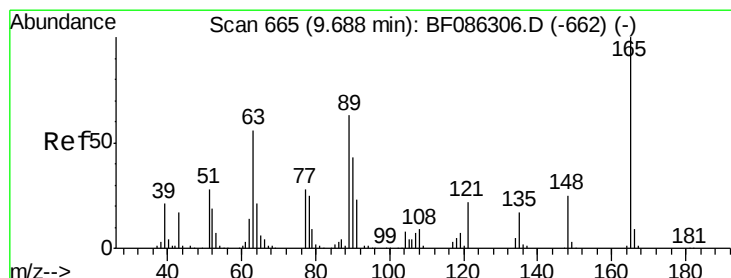
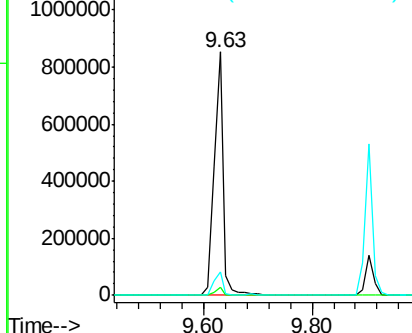
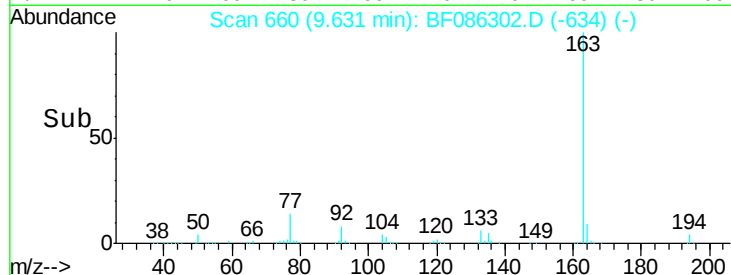
Tot Ion:163 Resp: 1009087  
Ion Ratio Lower Upper  
163 100  
194 3.5 2.8 4.2  
164 9.9 8.4 12.6

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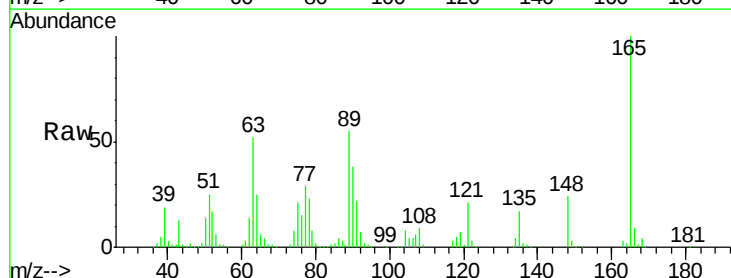


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

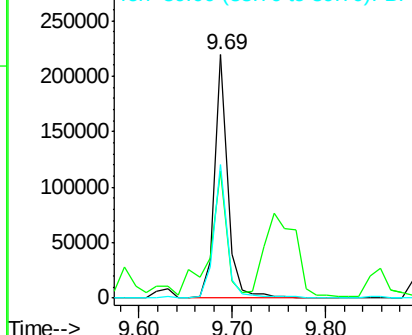
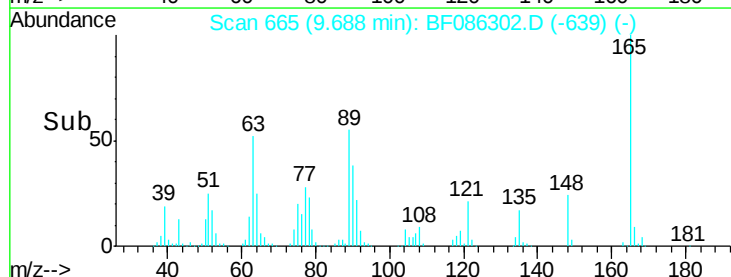


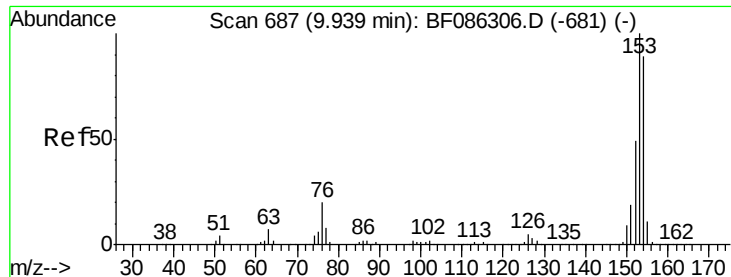
#50  
2,6-Dinitrotoluene  
Concen: 26.48 ng  
RT: 9.69 min Scan# 665  
Delta R.T. 0.00 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

Tgt Ion:165 Resp: 216192  
Ion Ratio Lower Upper  
165 100  
63 52.3 35.1 52.7  
89 54.9 39.8 59.6



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





#51

Acenaphthene

Concen: 27.75 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA\_F

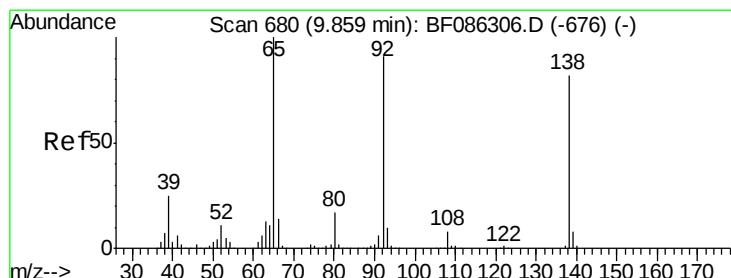
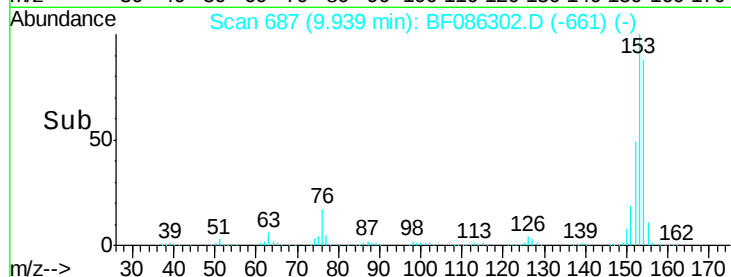
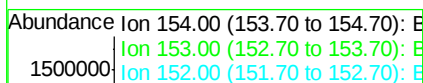
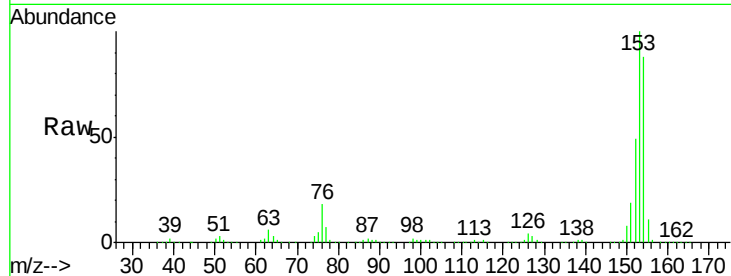
ClientSampleId :

SSTDIC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 786709 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.2 | 90.0  | 135.0  |
| 152       | 55.9  | 44.3  | 66.5   |

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#52

3-Nitroaniline

Concen: 26.72 ng

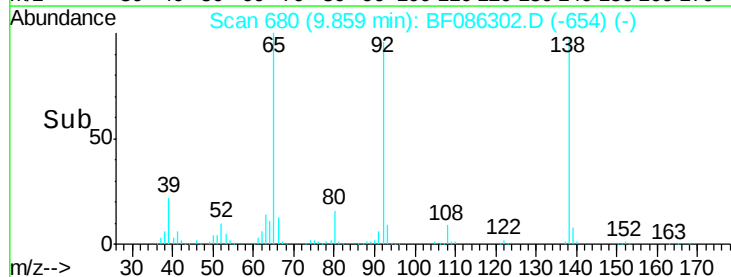
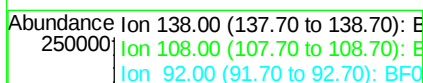
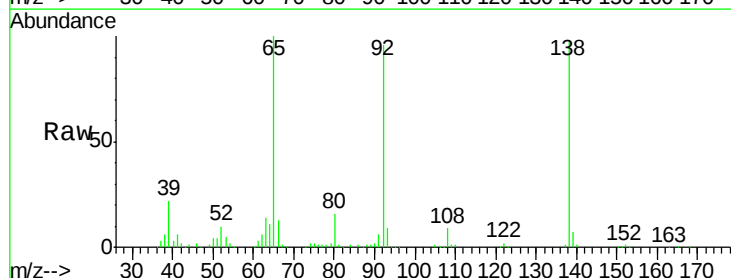
RT: 9.86 min Scan# 680

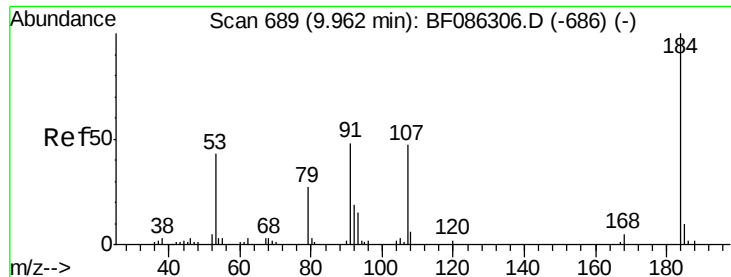
Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 265107 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 9.2   | 9.0   | 13.4   |
| 92        | 98.8  | 99.3  | 148.9# |





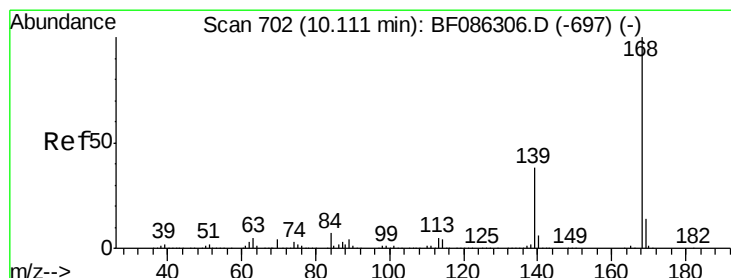
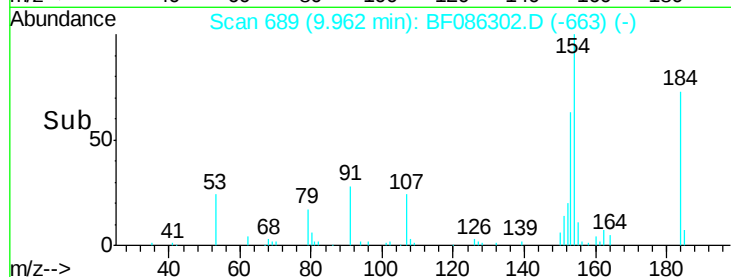
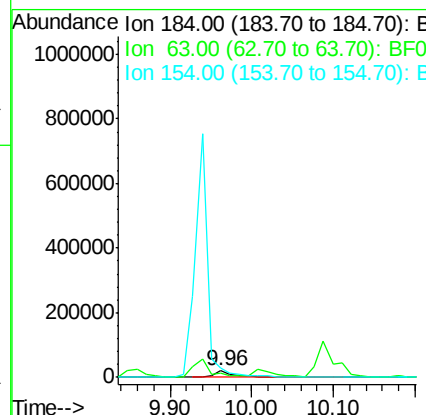
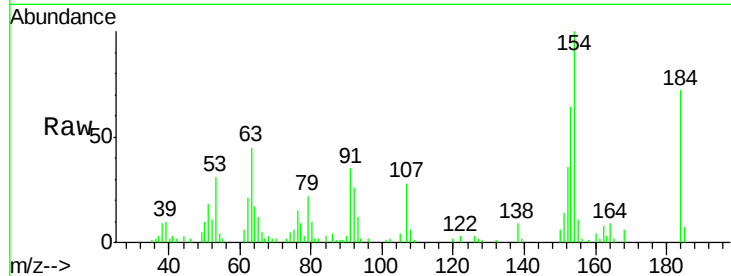
#53  
2,4-Dinitrophenol  
Concen: 13.43 ng  
RT: 9.96 min Scan# 689  
Delta R.T. 0.00 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 62.8  | 64.7  | 97.1# |
| 154     | 139.3 | 59.4  | 89.2# |

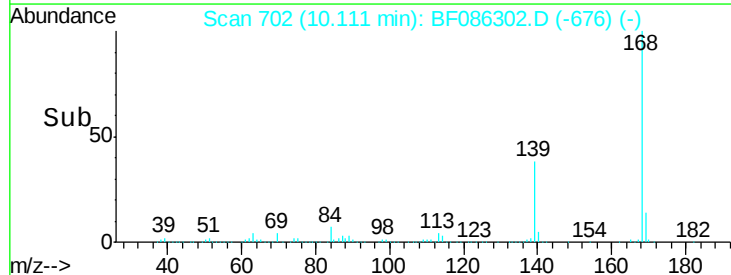
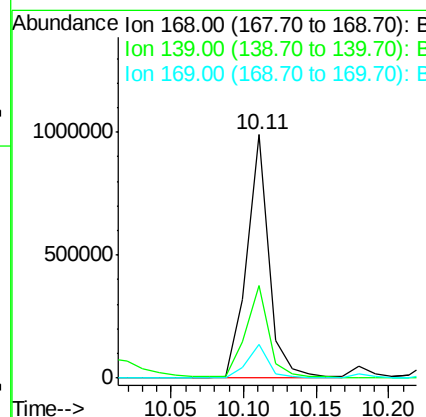
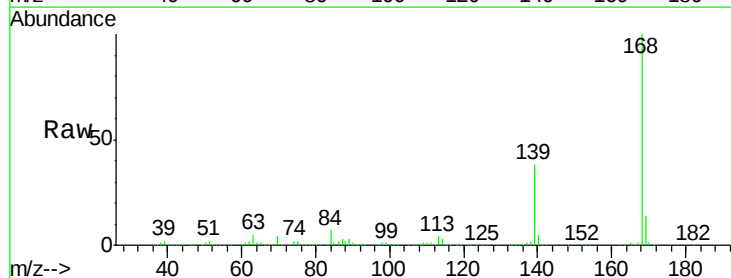
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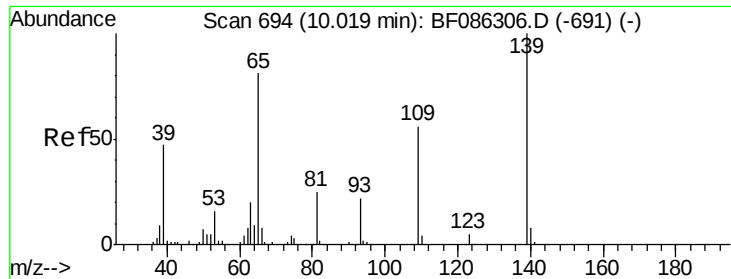
sohil  
4/21/2016 7:07:41 PM



#54  
Dibenzofuran  
Concen: 28.17 ng  
RT: 10.11 min Scan# 702  
Delta R.T. 0.00 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.2  | 29.5  | 44.3  |
| 169     | 13.6  | 10.6  | 16.0  |





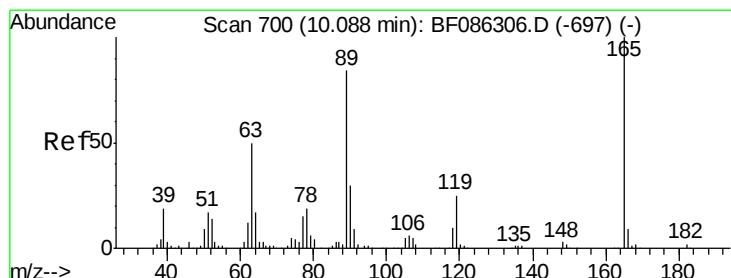
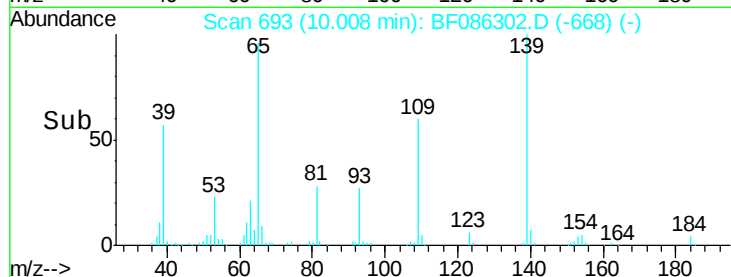
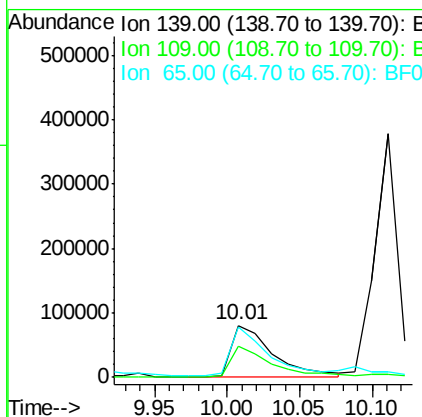
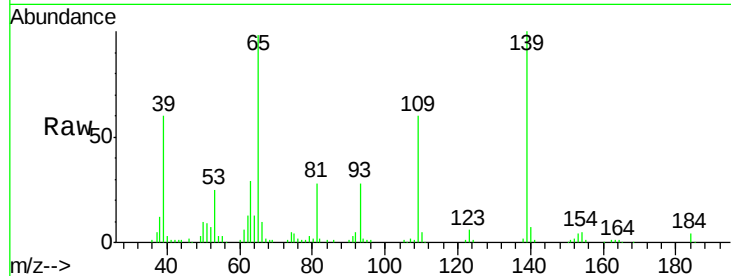
#55  
4-Nitrophenol  
Concen: 20.62 ng  
RT: 10.01 min Scan# 693  
Delta R.T. -0.01 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 59.8  | 55.0  | 95.0  |
| 65      | 97.7  | 87.3  | 127.3 |

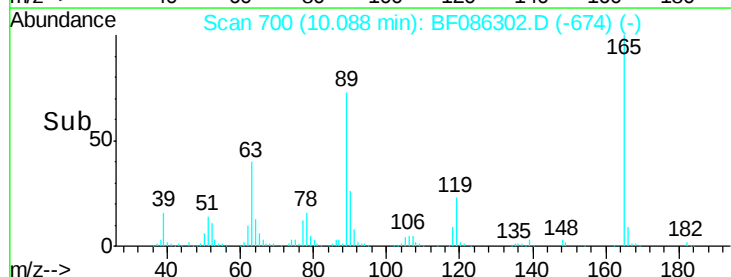
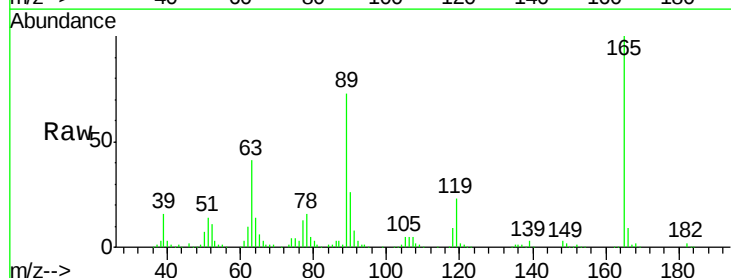
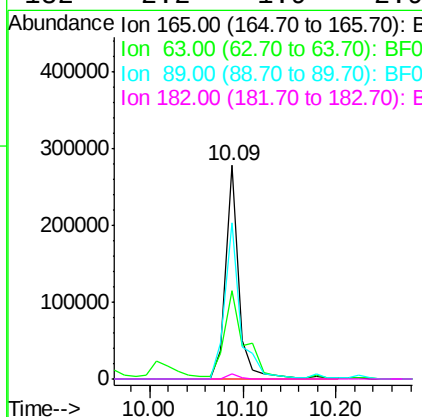
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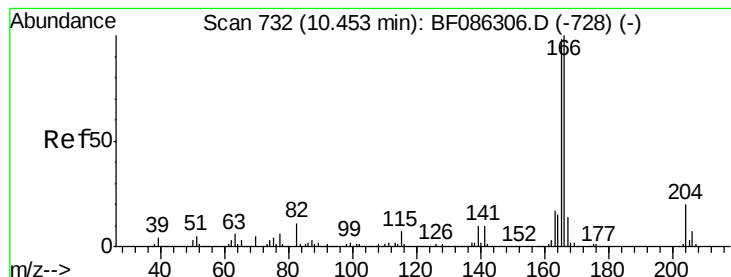
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4/21/2016 7:07:41 PM



#56  
2,4-Dinitrotoluene  
Concen: 26.28 ng  
RT: 10.09 min Scan# 700  
Delta R.T. 0.00 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 41.1  | 26.6  | 40.0# |
| 89      | 73.4  | 49.5  | 74.3  |
| 182     | 2.2   | 1.9   | 2.9   |





#57

Fluorene

Concen: 25.89 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA\_F

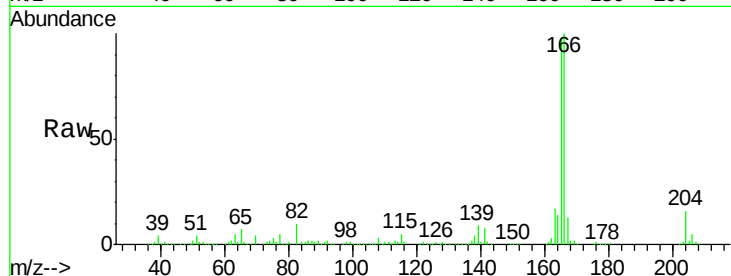
ClientSampleId :

SSTDIC025

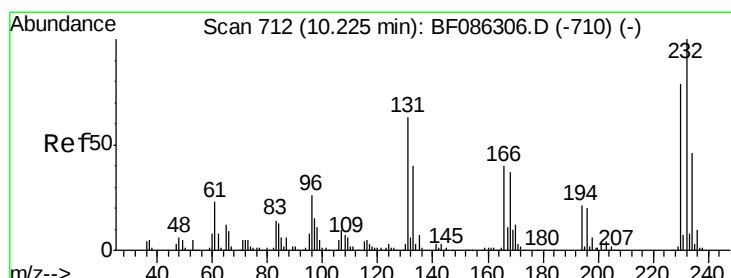
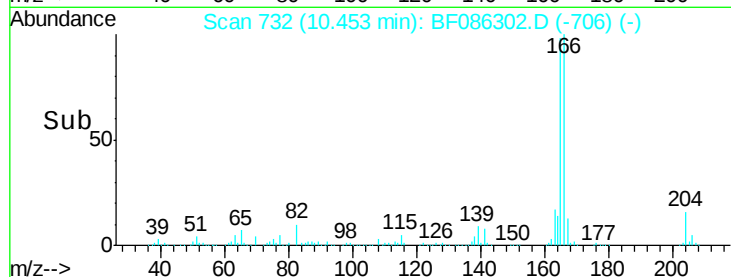
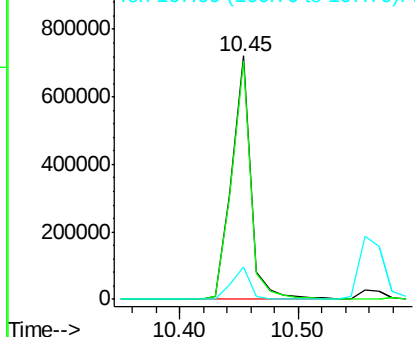
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 806419 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.1  | 78.6  | 117.8  |
| 167       | 13.3  | 10.4  | 15.6   |

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.71 ng

RT: 10.22 min Scan# 712

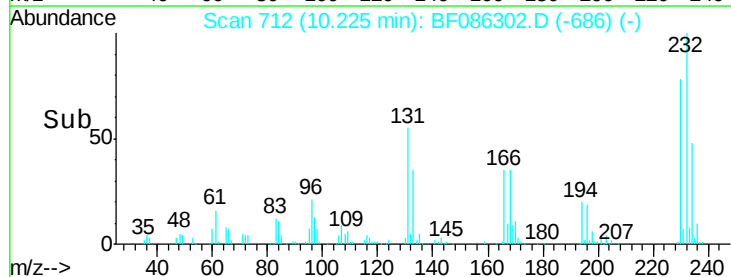
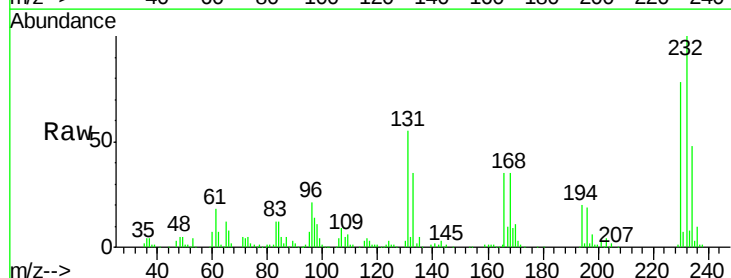
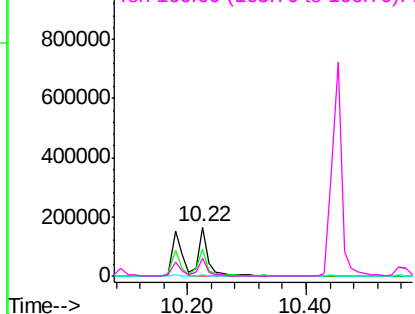
Delta R.T. 0.00 min

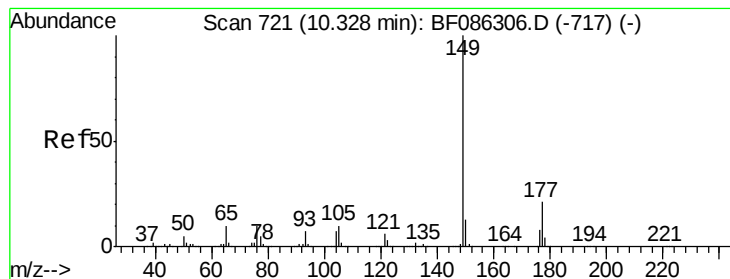
Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 194401 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 54.1  | 46.6  | 70.0   |
| 130       | 2.5   | 2.5   | 3.7    |
| 166       | 31.5  | 28.3  | 42.5   |

Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 26.28 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA\_F

ClientSampleId :

SSTDIC025

Tot Ion:149 Resp: 1001171

Ion Ratio Lower Upper

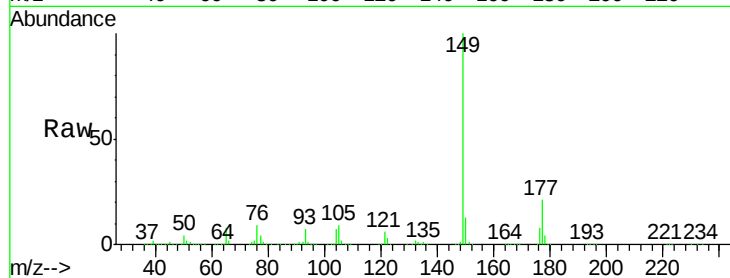
149 100

177 20.8 17.0 25.6

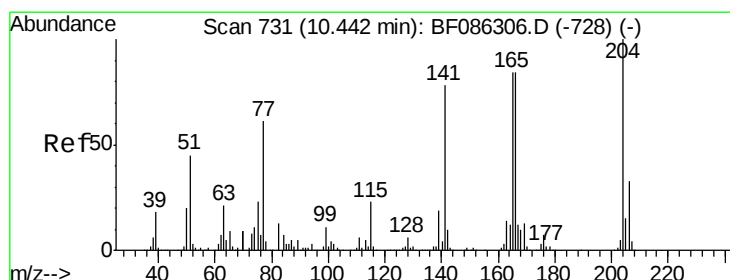
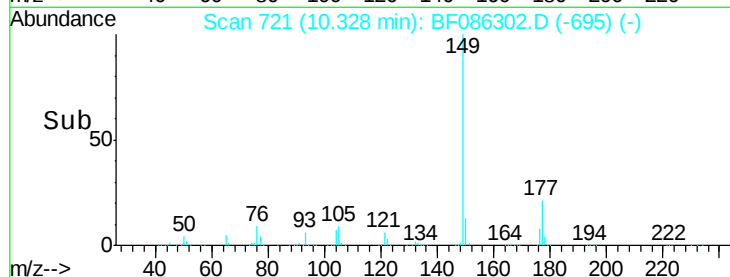
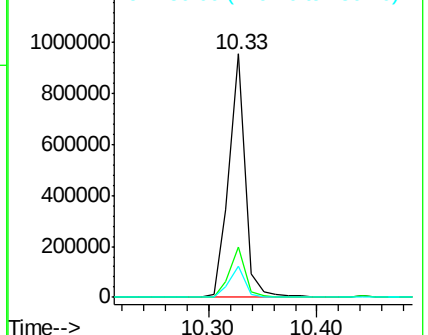
150 12.9 10.2 15.4

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



#60

4-Chlorophenyl-phenylether

Concen: 27.58 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

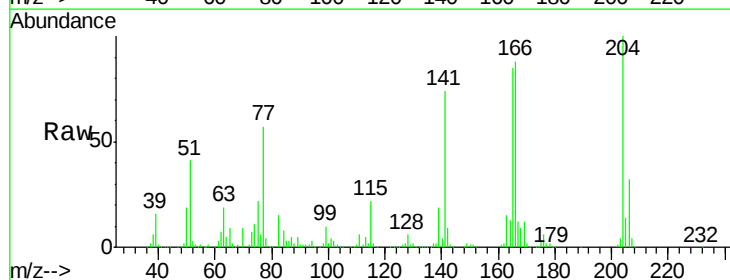
Tgt Ion:204 Resp: 354003

Ion Ratio Lower Upper

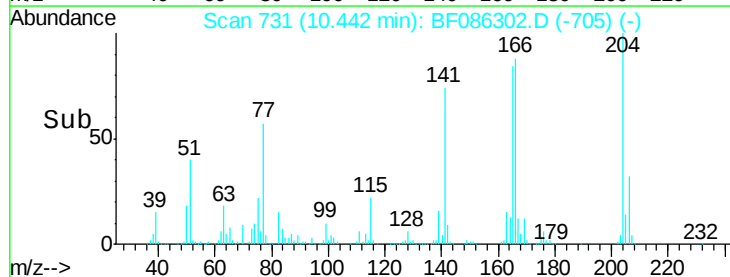
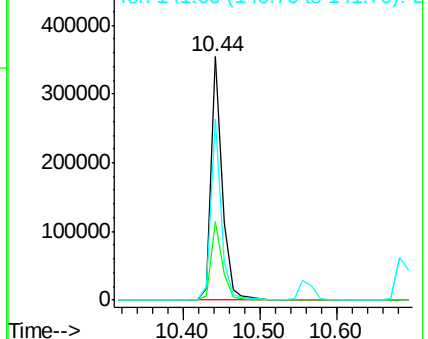
204 100

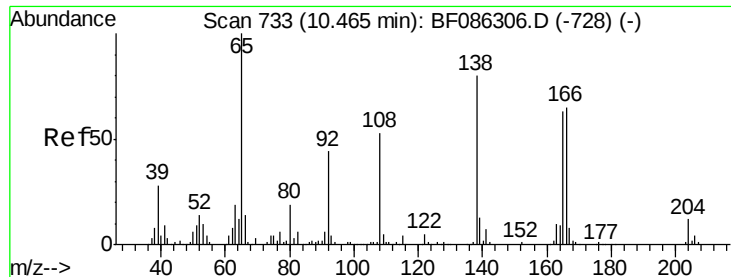
206 32.3 26.2 39.2

141 74.1 55.4 83.0



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E





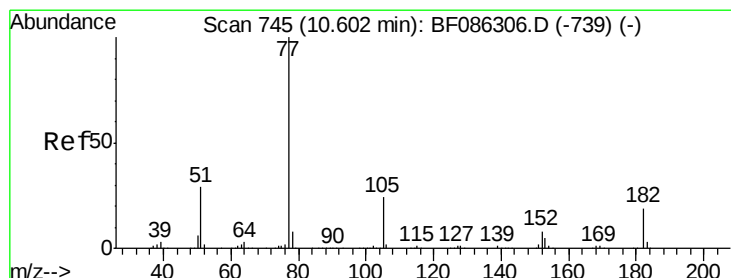
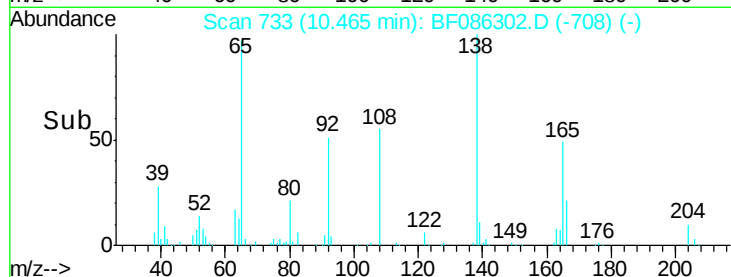
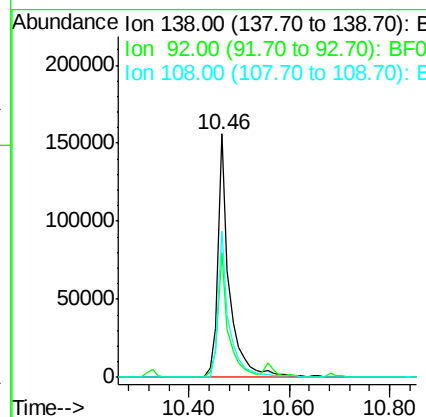
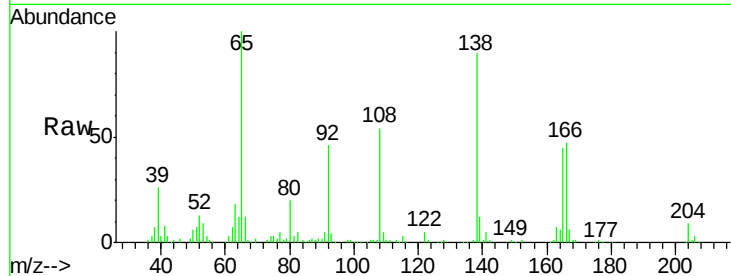
#61  
4-Nitroaniline  
Concen: 28.77 ng  
RT: 10.46 min Scan# 733  
Delta R.T. -0.01 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 246712 |       |       |
| 92      | 50.9  | 31.9   | 71.9  |       |
| 108     | 60.3  | 58.7   | 98.7  |       |

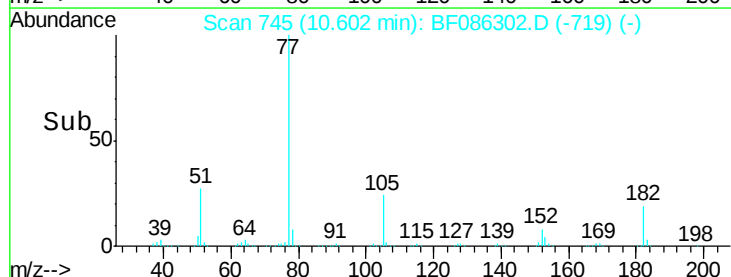
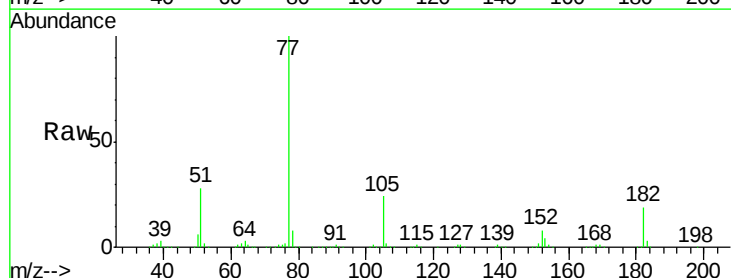
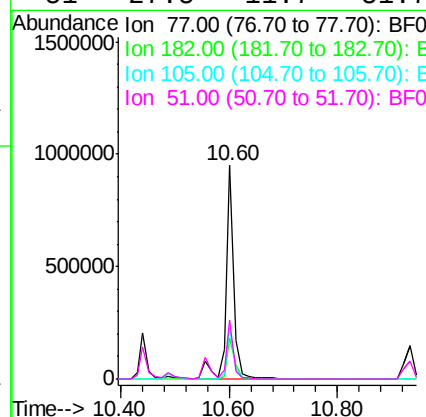
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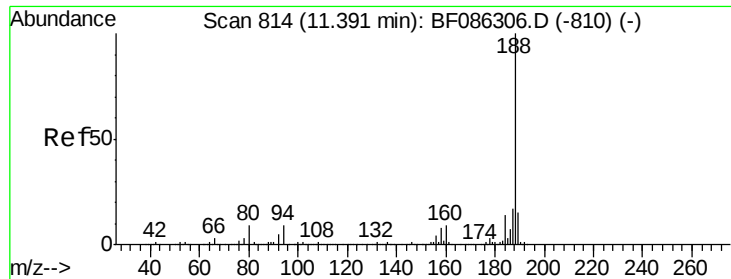
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#62  
Azobenzene  
Concen: 26.49 ng  
RT: 10.60 min Scan# 745  
Delta R.T. 0.00 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 987216 |       |       |
| 182     | 19.3  | 2.3    | 42.3  |       |
| 105     | 24.0  | 3.4    | 43.4  |       |
| 51      | 27.5  | 11.7   | 51.7  |       |





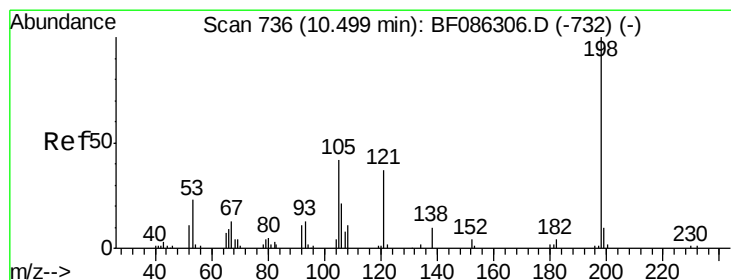
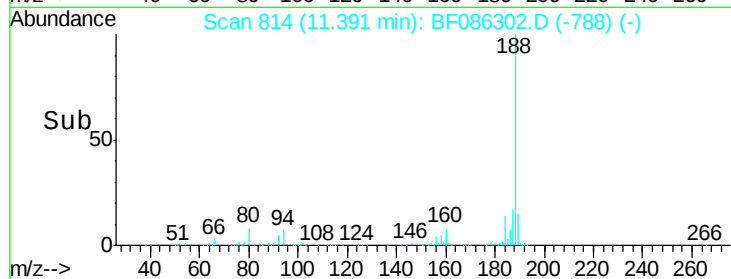
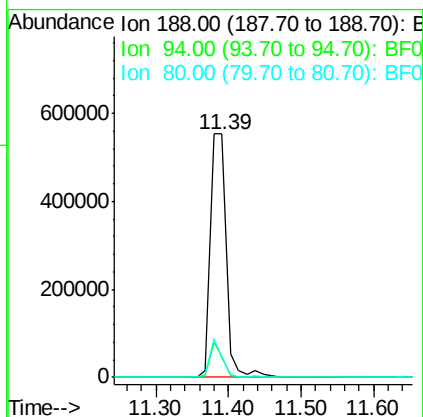
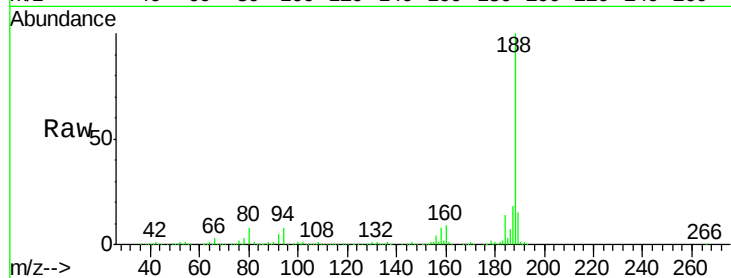
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.39 min Scan# 814  
Delta R.T. 0.00 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 8.4   | 9.8        | 14.8# |
| 80      | 8.3   | 10.5       | 15.7# |

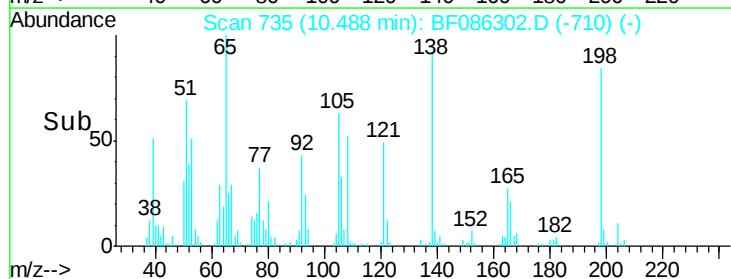
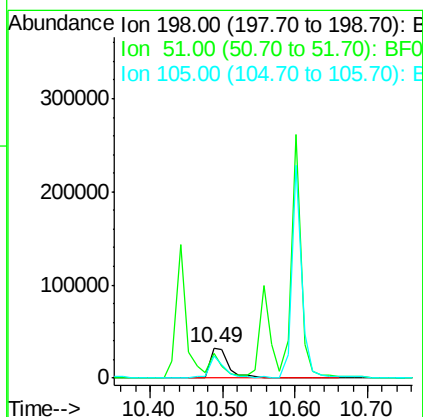
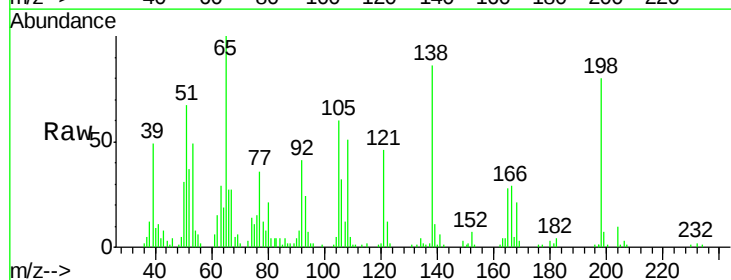
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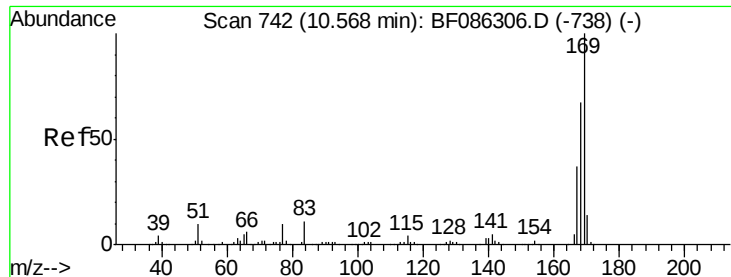
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 14.49 ng  
RT: 10.49 min Scan# 735  
Delta R.T. -0.01 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 83.6  | 56.5       | 96.5  |
| 105     | 75.2  | 48.0       | 88.0  |





#65

n-Nitrosodiphenylamine

Concen: 28.09 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA\_F

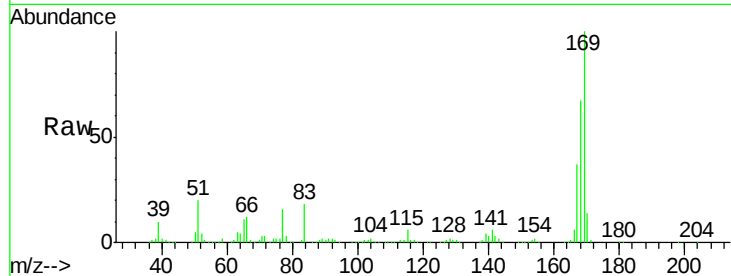
ClientSampleId :

SSTDIC025

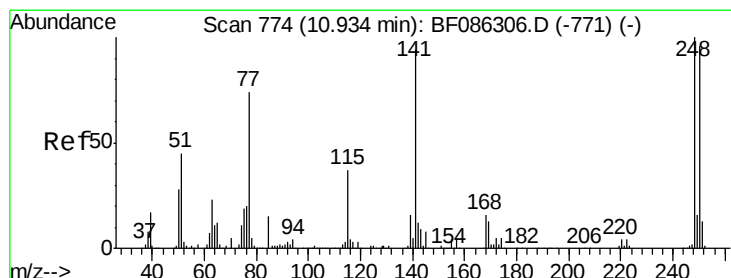
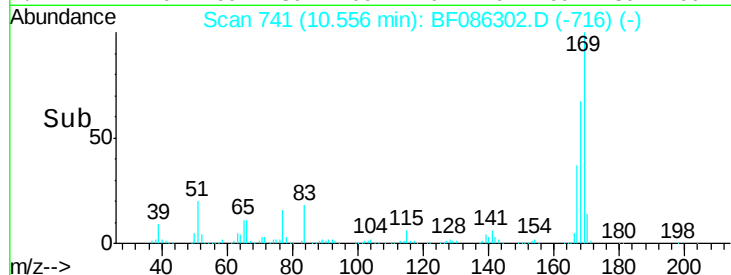
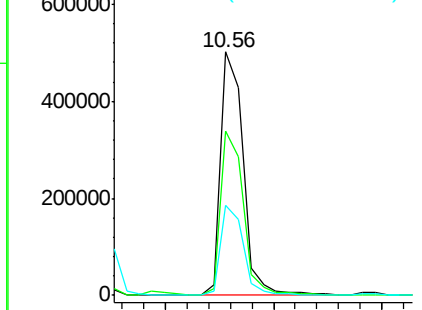
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 725436 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.2  | 54.3  | 81.5   |
| 167       | 37.0  | 30.2  | 45.2   |

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Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 29.25 ng

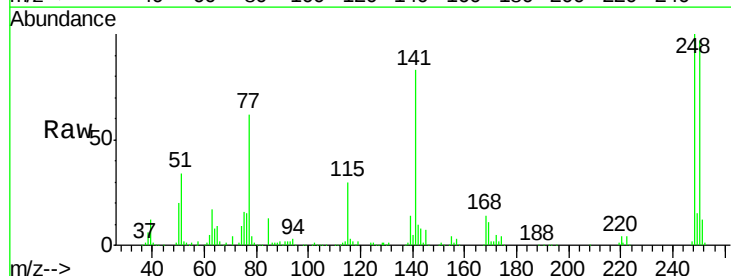
RT: 10.93 min Scan# 774

Delta R.T. 0.00 min

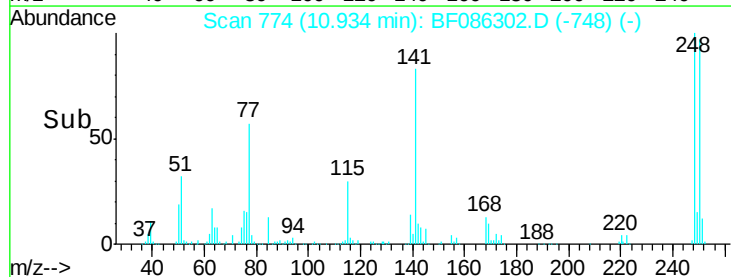
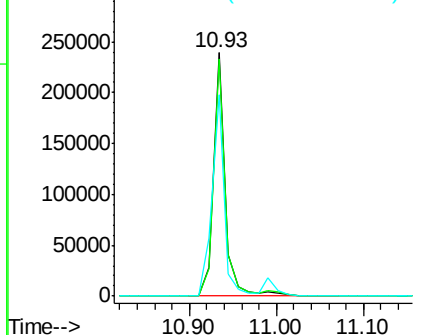
Lab File: BF086302.D

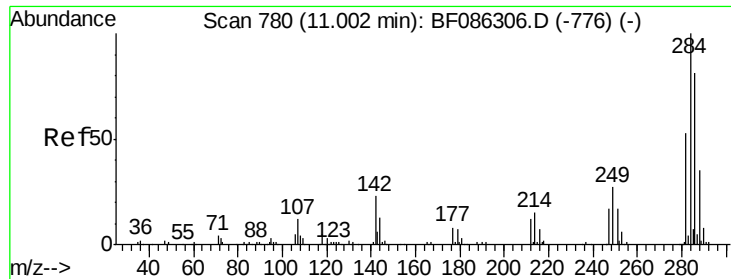
Acq: 20 Apr 2016 11:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 229880 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 97.4  | 78.6  | 118.0  |
| 141       | 82.7  | 57.9  | 86.9   |



Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E





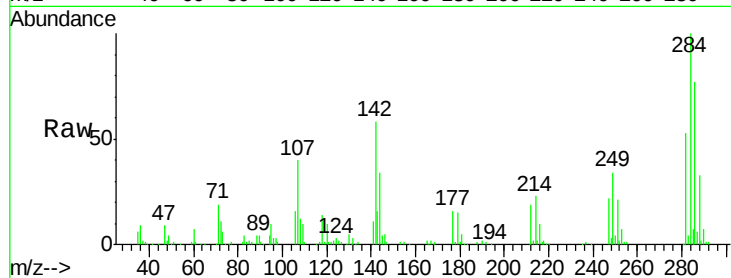
#67  
Hexachlorobenzene  
Concen: 27.70 ng  
RT: 10.99 min Scan# 779  
Delta R.T. -0.01 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

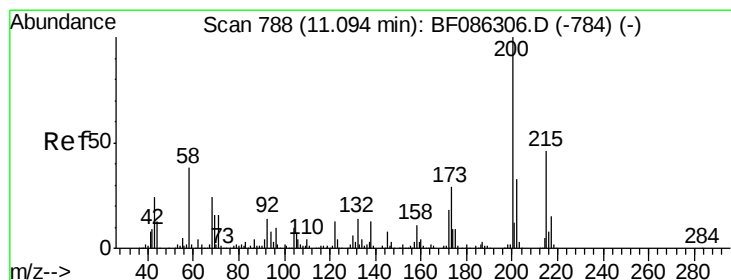
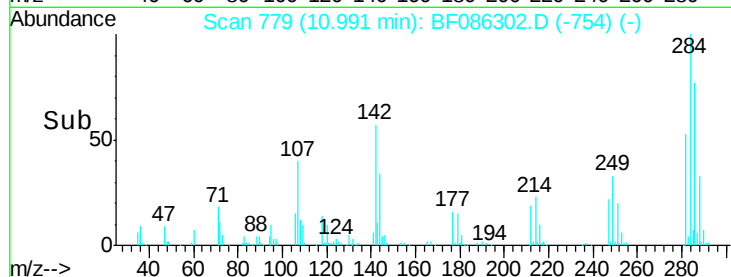
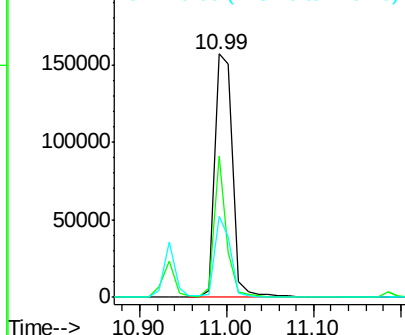
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 284     | 100  |       | 228147 |       |       |
| 142     | 58.2 | 42.6  | 64.0   |       |       |
| 249     | 33.5 | 25.9  | 38.9   |       |       |

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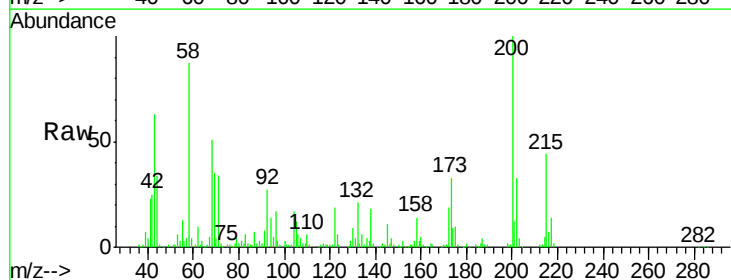


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

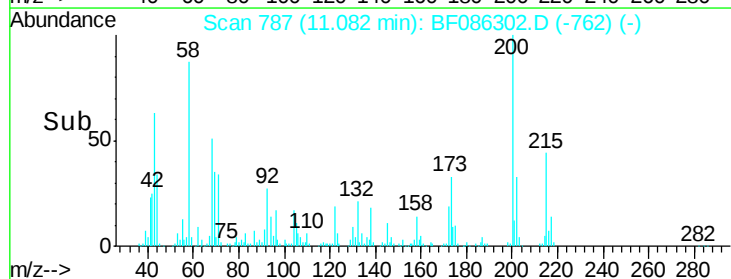
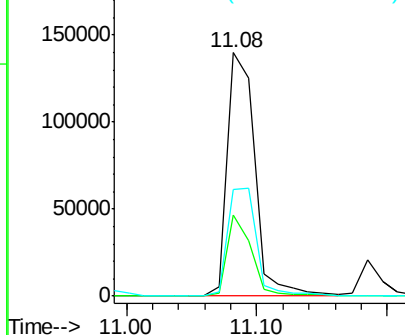


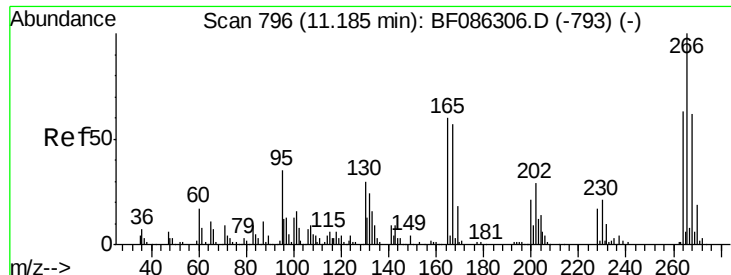
#68  
Atrazine  
Concen: 26.02 ng  
RT: 11.08 min Scan# 787  
Delta R.T. -0.01 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 200     | 100  |       | 205895 |       |       |
| 173     | 33.5 | 11.2  | 51.2   |       |       |
| 215     | 43.9 | 24.0  | 64.0   |       |       |



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E





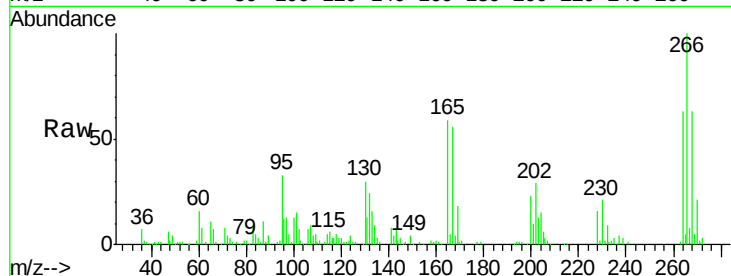
#69  
 Pentachlorophenol  
 Concen: 24.10 ng  
 RT: 11.18 min Scan# 796  
 Delta R.T. 0.00 min  
 Lab File: BF086302.D  
 Acq: 20 Apr 2016 11:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

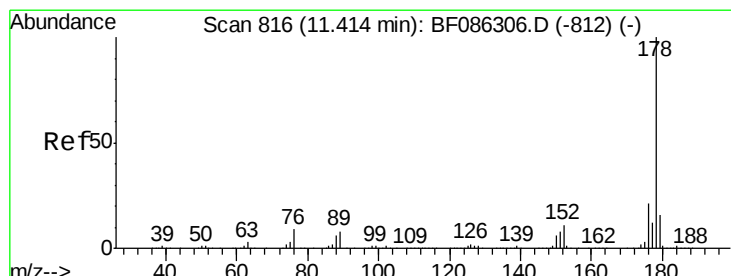
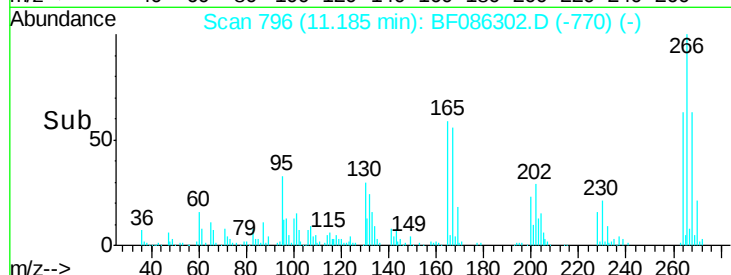
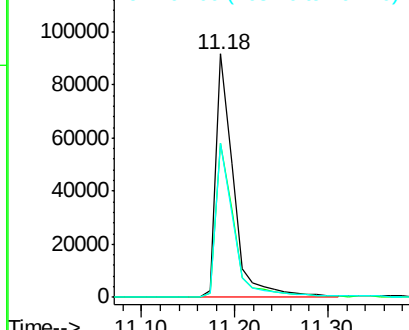
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.4  | 53.0  | 79.4  |
| 264     | 63.3  | 51.3  | 76.9  |

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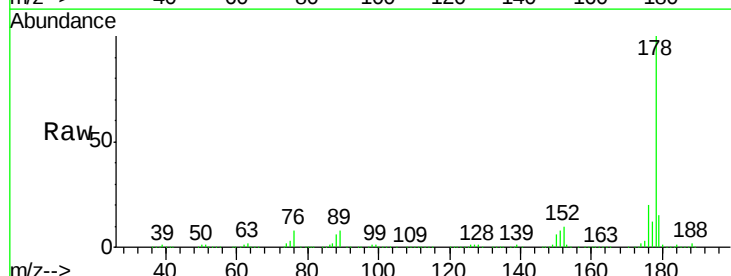


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

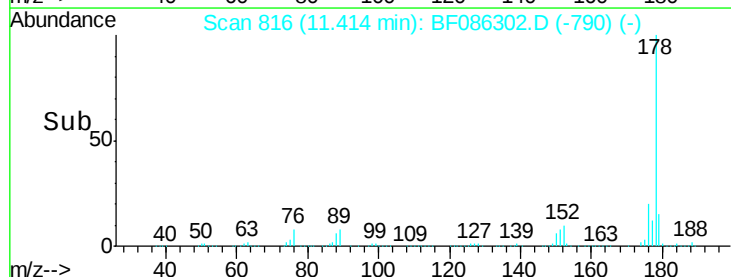
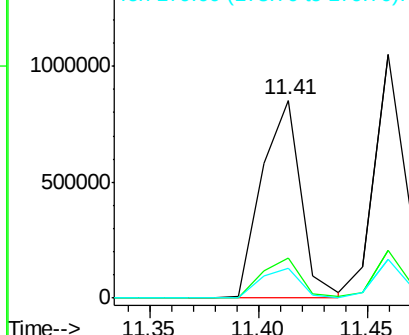


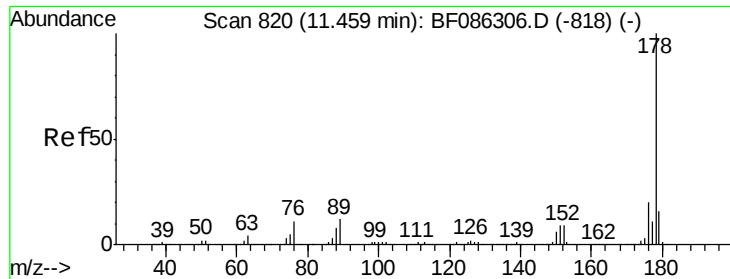
#70  
 Phenanthrene  
 Concen: 26.68 ng  
 RT: 11.41 min Scan# 816  
 Delta R.T. 0.00 min  
 Lab File: BF086302.D  
 Acq: 20 Apr 2016 11:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.2  | 16.3  | 24.5  |
| 179     | 15.3  | 13.0  | 19.6  |



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 25.46 ng

RT: 11.46 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA\_F

ClientSampleId :

SSTDICC025

Tot Ion:178 Resp: 1119238

Ion Ratio Lower Upper

178 100

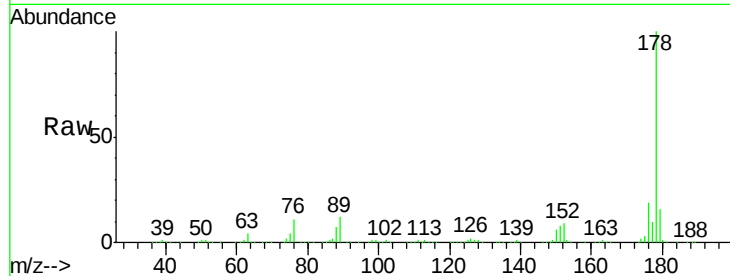
176 19.4 16.2 24.4

179 15.8 13.2 19.8

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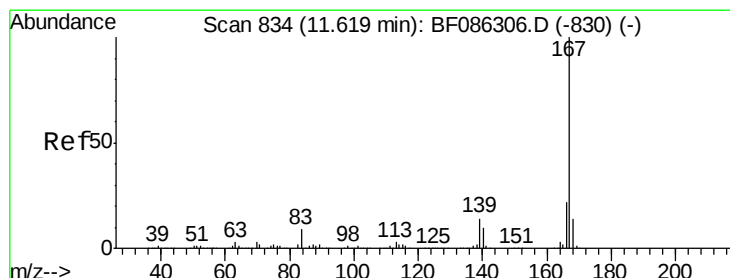
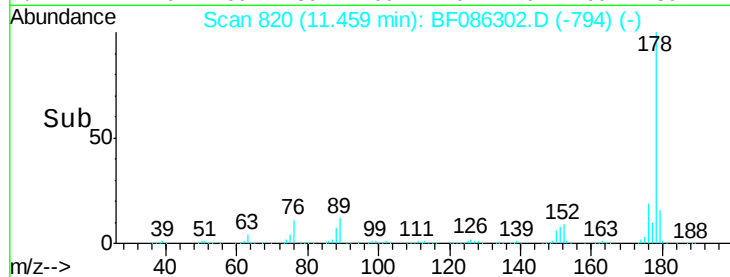
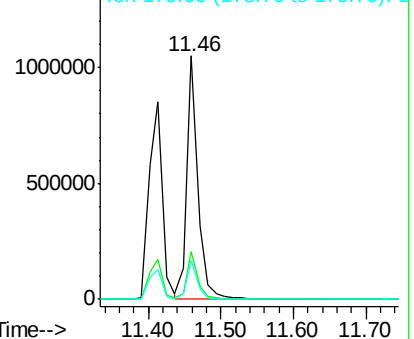
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 27.75 ng

RT: 11.62 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

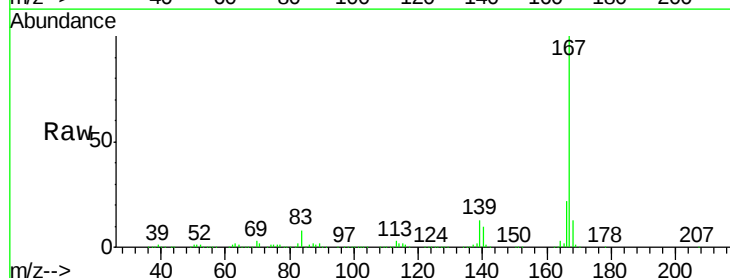
Tgt Ion:167 Resp: 1062829

Ion Ratio Lower Upper

167 100

166 21.7 18.3 27.5

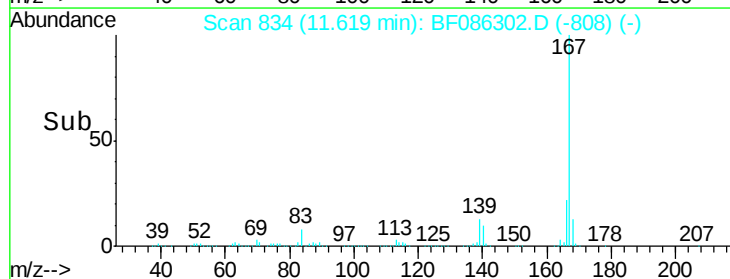
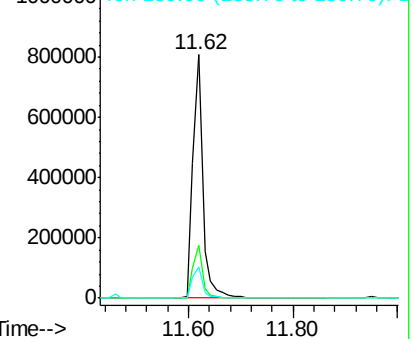
139 12.9 12.3 18.5

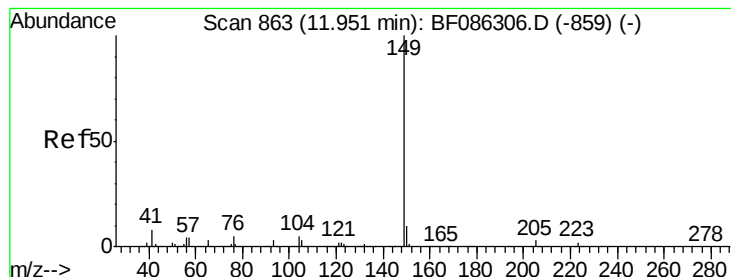


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





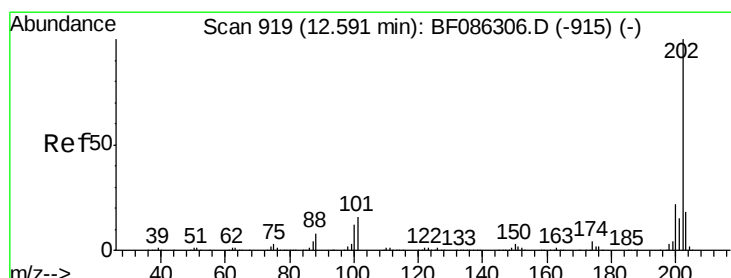
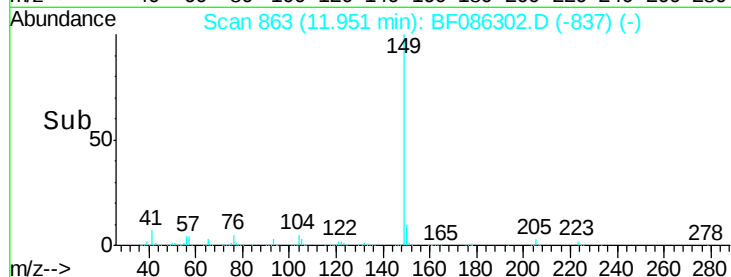
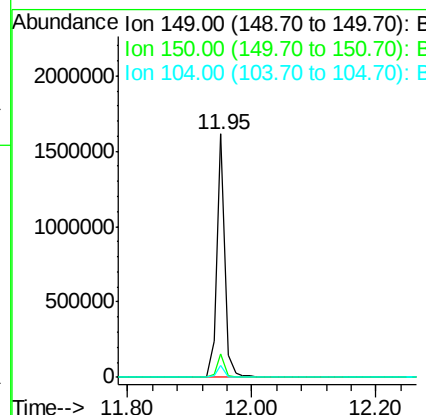
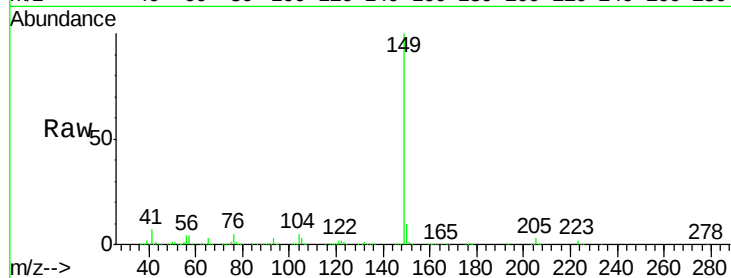
#73  
Di-n-butylphthalate  
Concen: 27.54 ng  
RT: 11.95 min Scan# 863  
Delta R.T. 0.00 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

Tot Ion:149 Resp: 1426280  
Ion Ratio Lower Upper  
149 100  
150 9.6 7.8 11.8  
104 4.7 4.1 6.1

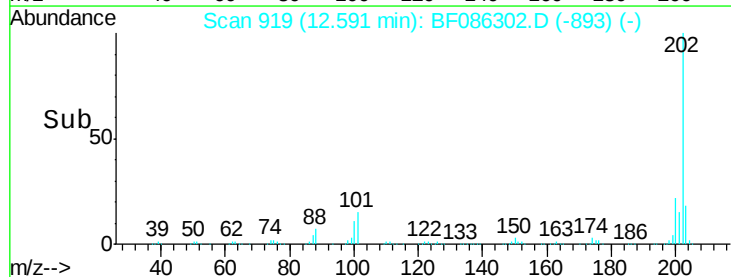
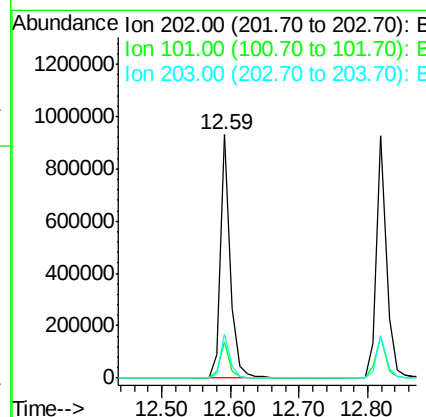
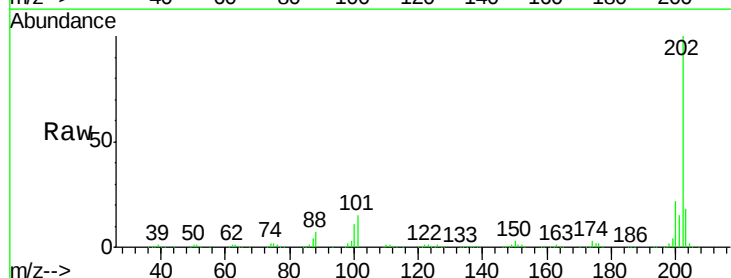
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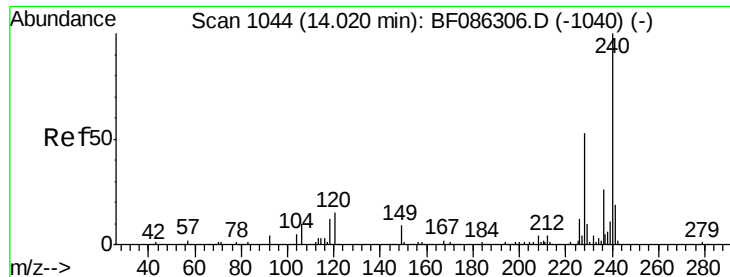
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#74  
Fluoranthene  
Concen: 22.90 ng  
RT: 12.59 min Scan# 919  
Delta R.T. 0.00 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

Tgt Ion:202 Resp: 944593  
Ion Ratio Lower Upper  
202 100  
101 15.0 0.0 35.2  
203 17.8 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA\_F

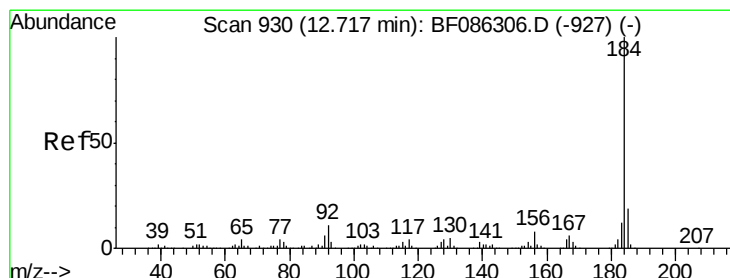
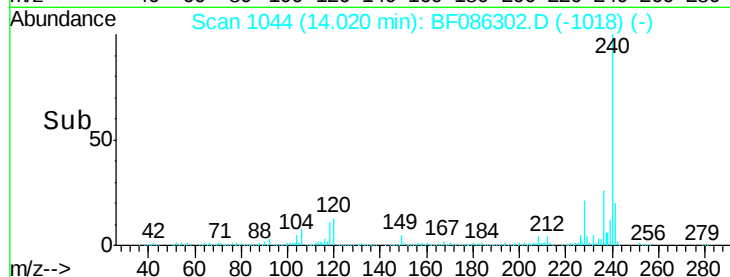
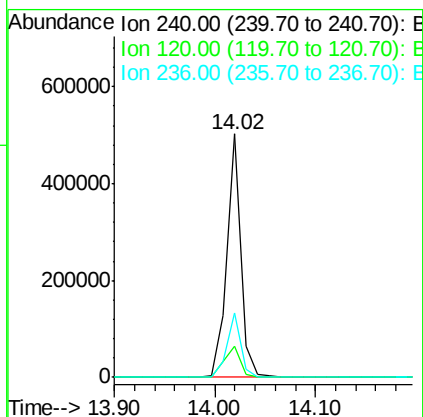
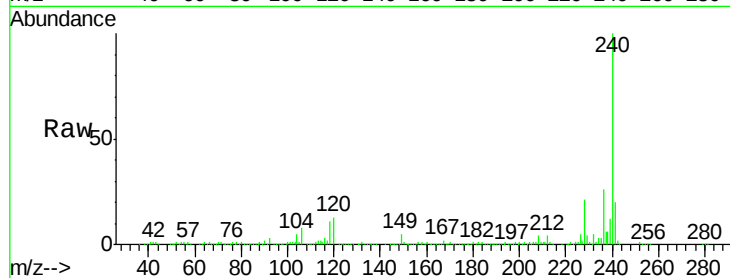
ClientSampleId :

SSTDIC025

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 240  | Resp: | 486255 |
| Ion Ratio |      | Lower | Upper  |
| 240       | 100  |       |        |
| 120       | 12.6 | 9.3   | 13.9   |
| 236       | 26.5 | 21.1  | 31.7   |

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#76

Benzidine

Concen: 30.26 ng

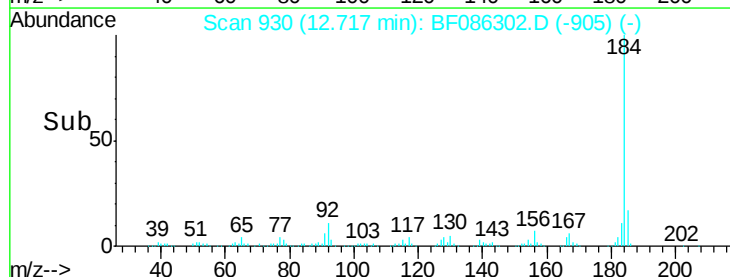
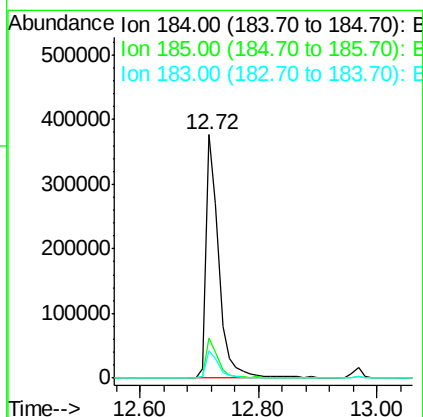
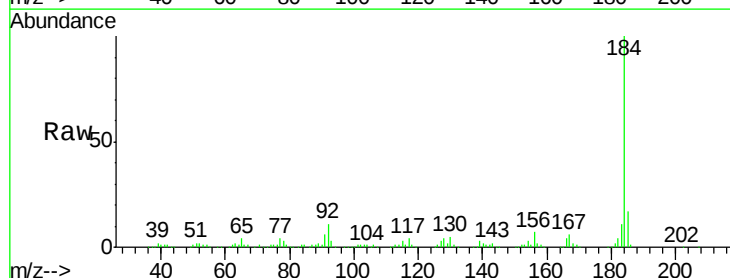
RT: 12.72 min Scan# 930

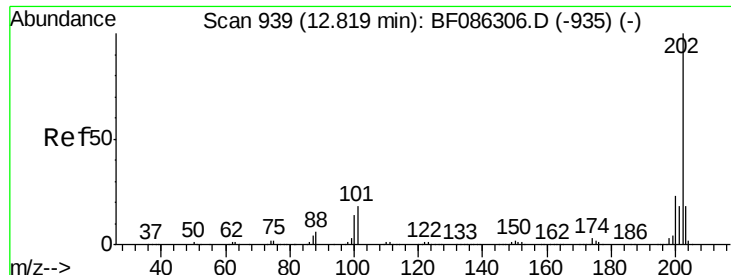
Delta R.T. -0.01 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 184  | Resp: | 570733 |
| Ion Ratio |      | Lower | Upper  |
| 184       | 100  |       |        |
| 185       | 16.5 | 14.2  | 21.2   |
| 183       | 11.3 | 9.8   | 14.6   |





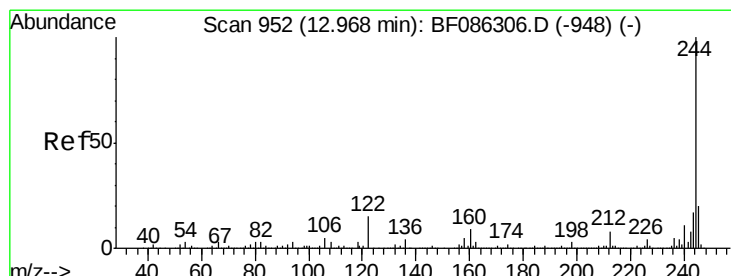
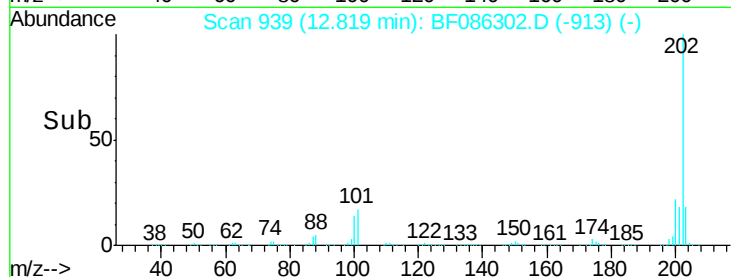
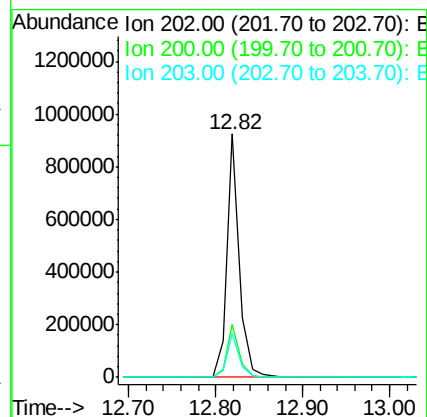
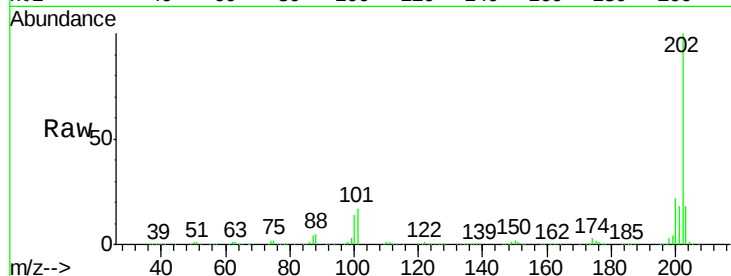
#77  
Pvrene  
Concen: 24.83 ng  
RT: 12.82 min Scan# 939  
Delta R.T. 0.00 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.6  | 18.3  | 27.5  |
| 203     | 17.8  | 14.9  | 22.3  |

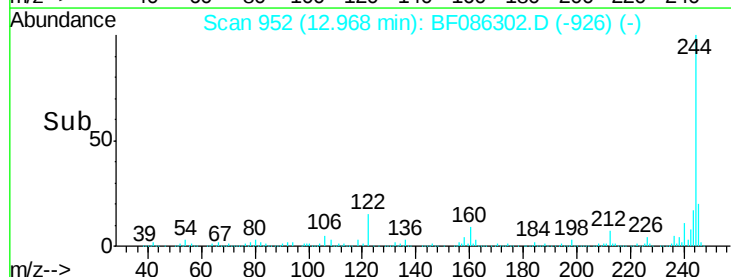
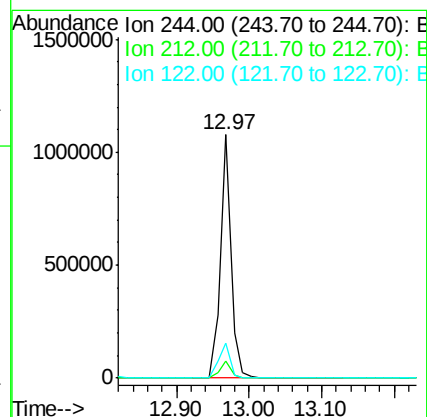
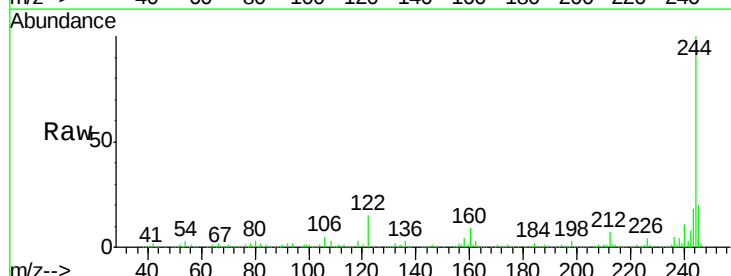
Manual Integrations  
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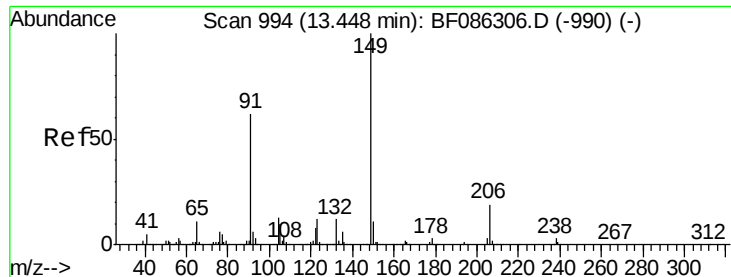
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#78  
Terphenyl-d14  
Concen: 56.80 ng  
RT: 12.97 min Scan# 952  
Delta R.T. 0.00 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.2   | 6.4   | 9.6   |
| 122     | 14.6  | 11.7  | 17.5  |





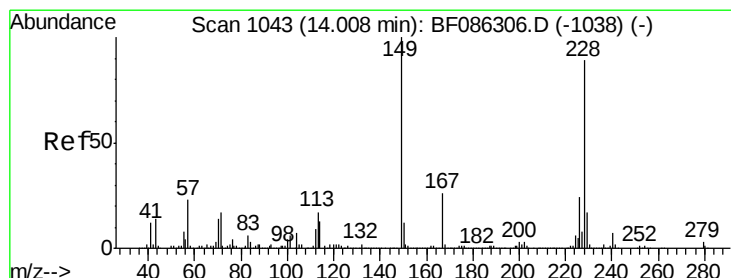
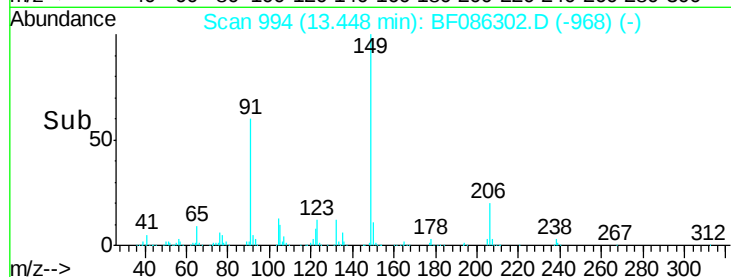
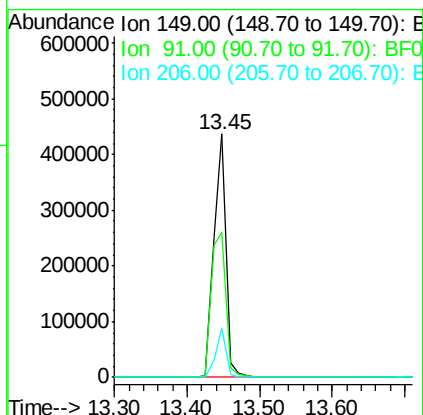
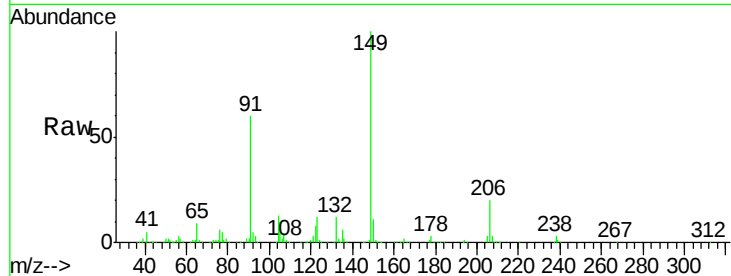
#79  
Butylbenzylphthalate  
Concen: 29.16 ng  
RT: 13.45 min Scan# 994  
Delta R.T. 0.00 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 149     | 100  |       | 502574 |       |       |
| 91      | 59.7 | 48.7  | 73.1   |       |       |
| 206     | 20.2 | 15.7  | 23.5   |       |       |

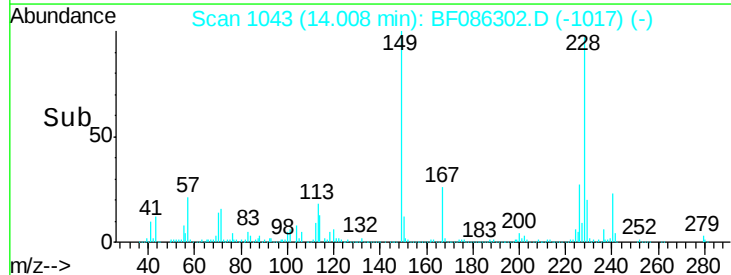
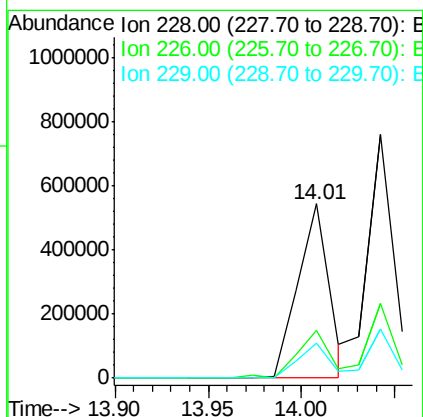
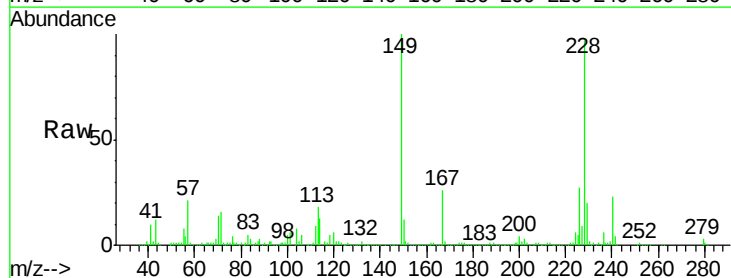
Manual Integrations  
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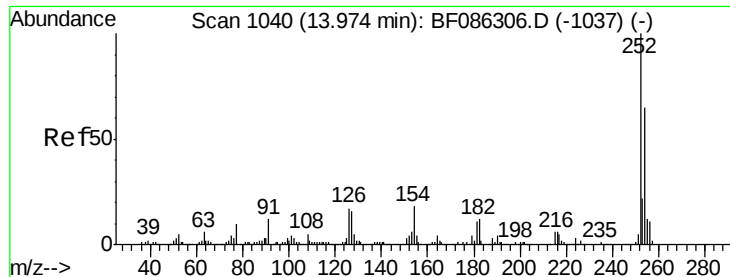
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#80  
Benzo(a)anthracene  
Concen: 23.81 ng  
RT: 14.01 min Scan# 1043  
Delta R.T. 0.00 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 228     | 100  |       | 635453 |       |       |
| 226     | 27.4 | 22.5  | 33.7   |       |       |
| 229     | 20.2 | 16.2  | 24.2   |       |       |





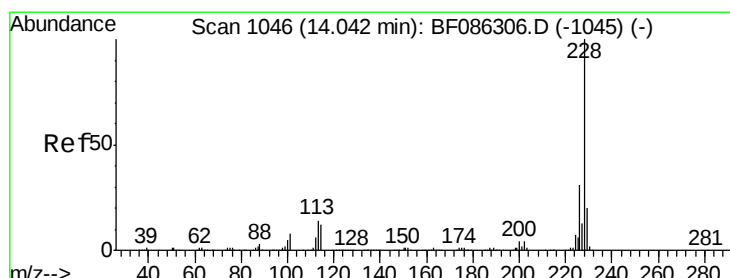
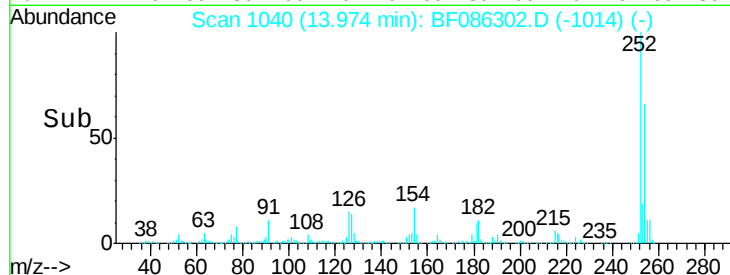
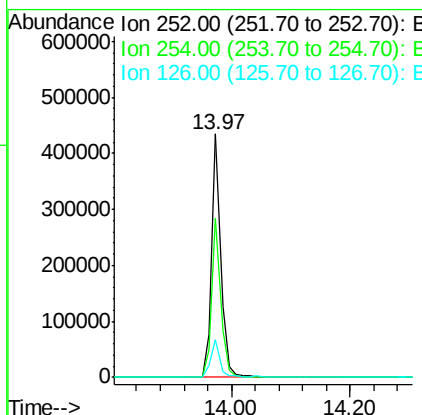
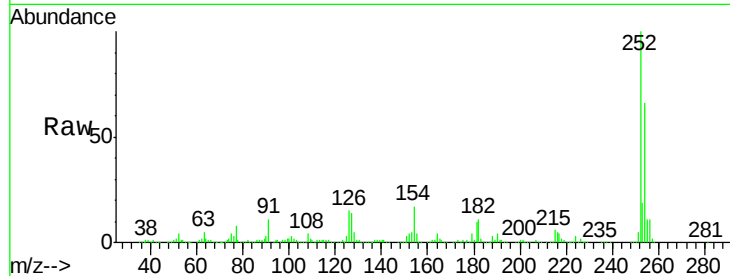
#81  
 3,3'-Dichlorobenzidine  
 Concen: 29.89 ng  
 RT: 13.97 min Scan# 1040  
 Delta R.T. 0.00 min  
 Lab File: BF086302.D  
 Acq: 20 Apr 2016 11:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.6  | 52.1  | 78.1  |
| 126     | 15.2  | 13.2  | 19.8  |

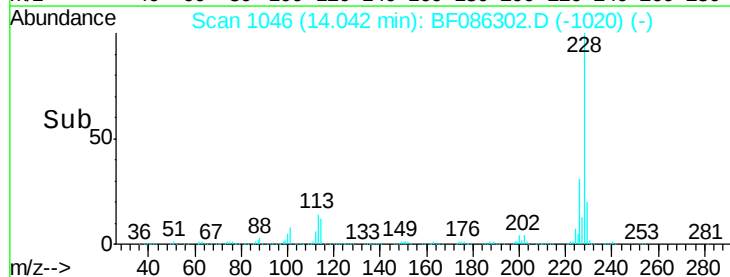
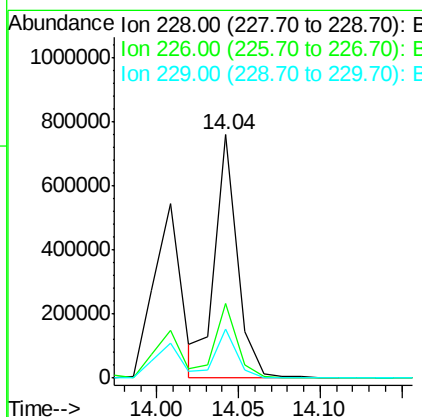
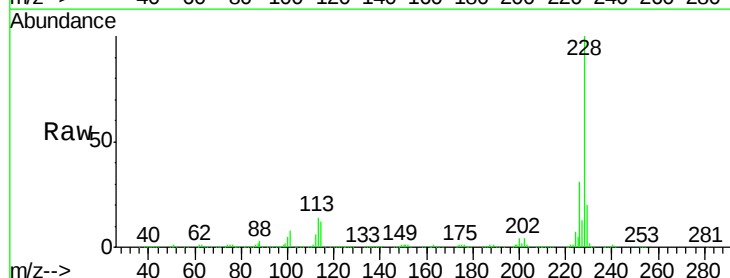
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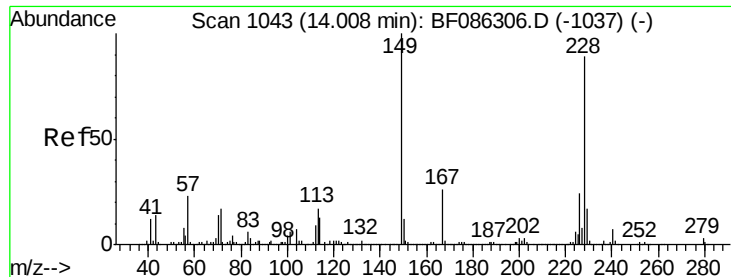
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#82  
 Chrysene  
 Concen: 25.32 ng  
 RT: 14.04 min Scan# 1046  
 Delta R.T. 0.00 min  
 Lab File: BF086302.D  
 Acq: 20 Apr 2016 11:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.8  | 25.4  | 38.2  |
| 229     | 19.9  | 16.5  | 24.7  |





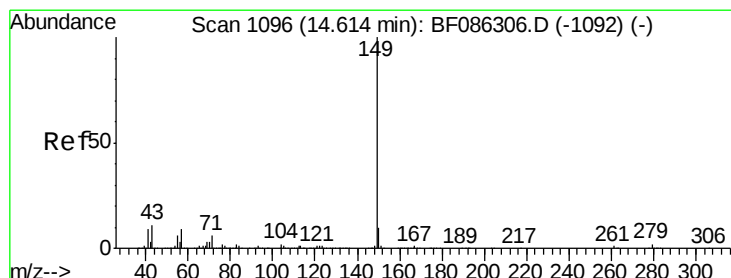
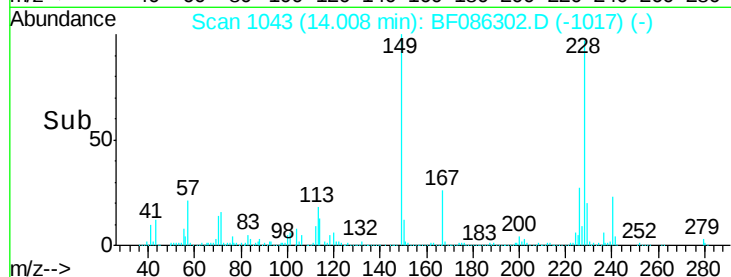
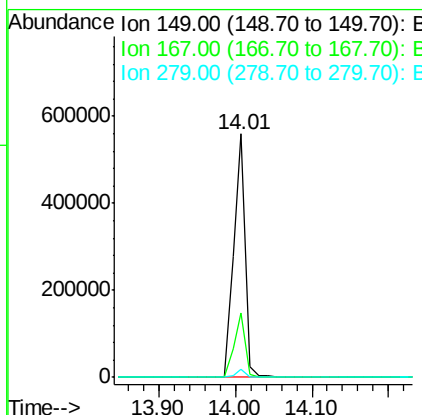
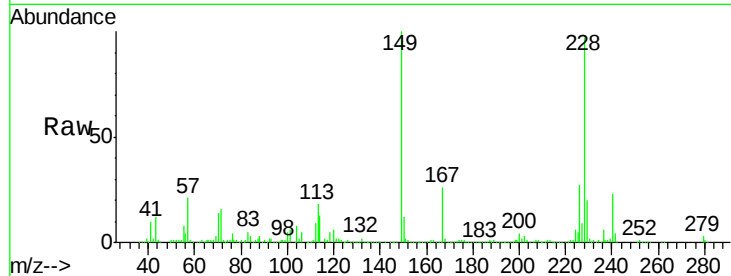
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 32.42 ng  
 RT: 14.01 min Scan# 1043  
 Delta R.T. 0.00 min  
 Lab File: BF086302.D  
 Acq: 20 Apr 2016 11:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 603208 |       |       |
| 167     | 26.4  |        | 21.0  | 31.4  |
| 279     | 3.2   |        | 2.4   | 3.6   |

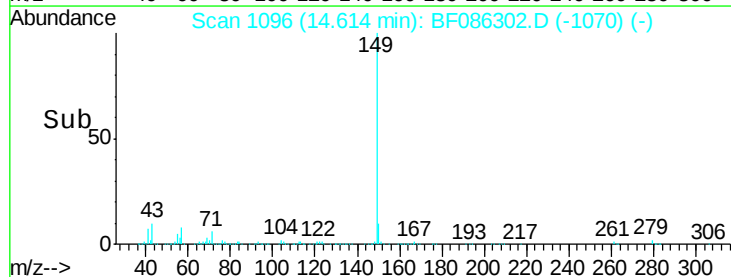
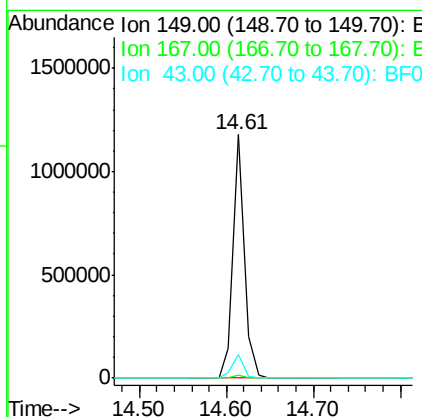
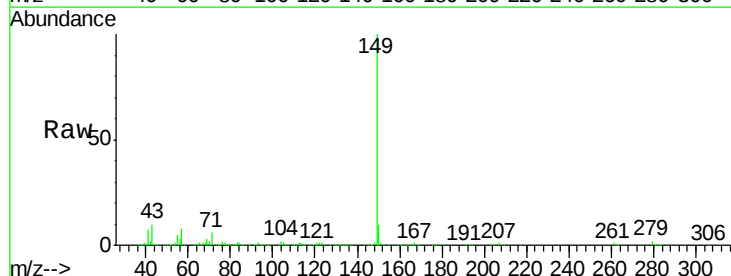
Manual Integrations  
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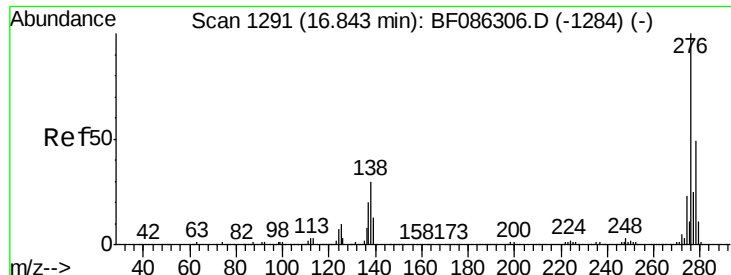
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#84  
 Di-n-octyl phthalate  
 Concen: 29.63 ng  
 RT: 14.61 min Scan# 1096  
 Delta R.T. 0.00 min  
 Lab File: BF086302.D  
 Acq: 20 Apr 2016 11:14

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 1062570 |       |       |
| 167     | 1.4   |         | 1.1   | 1.7   |
| 43      | 9.9   |         | 9.1   | 13.7  |





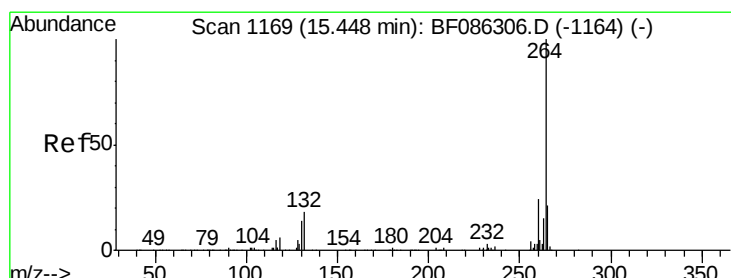
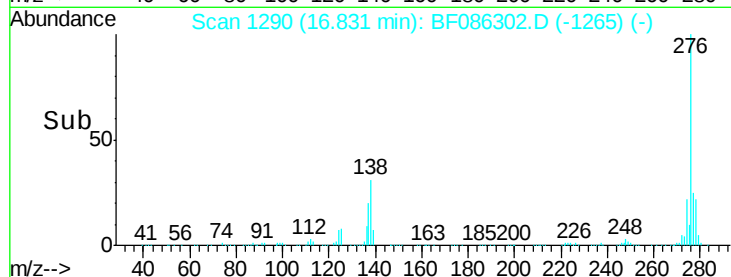
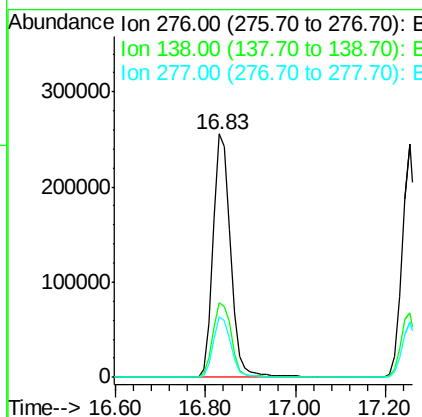
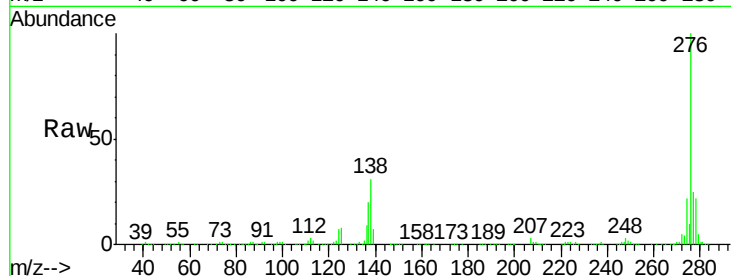
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 29.87 ng  
 RT: 16.83 min Scan# 1290  
 Delta R.T. -0.01 min  
 Lab File: BF086302.D  
 Acq: 20 Apr 2016 11:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 32.8  | 23.8  | 35.6  |
| 277     | 25.3  | 20.2  | 30.2  |

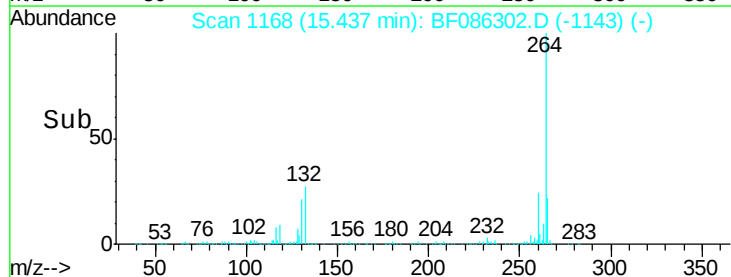
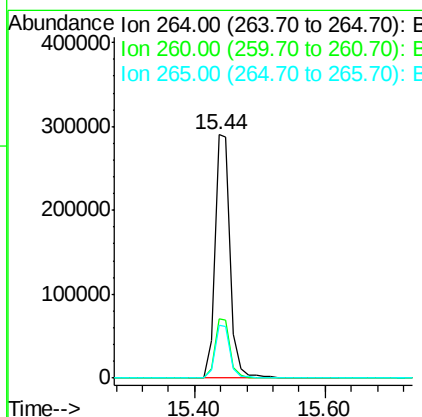
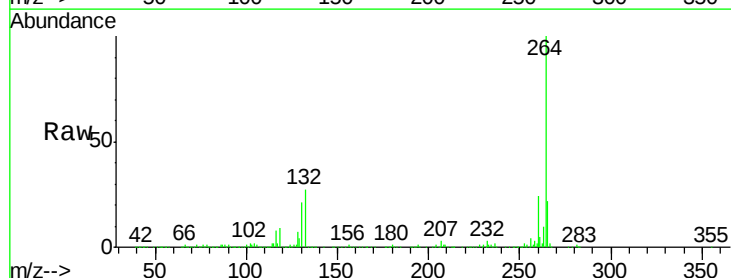
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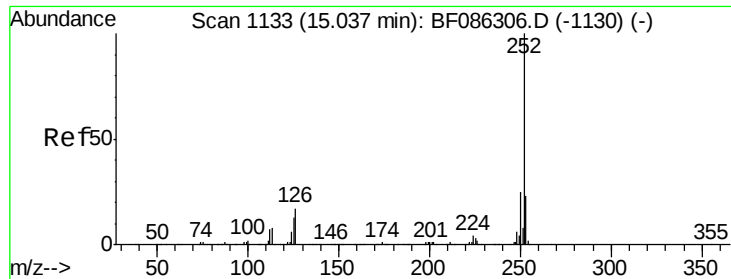
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.44 min Scan# 1168  
 Delta R.T. -0.01 min  
 Lab File: BF086302.D  
 Acq: 20 Apr 2016 11:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.2  | 20.0  | 30.0  |
| 265     | 21.7  | 17.4  | 26.0  |





#87

Benzo(b)fluoranthene

Concen: 25.61 ng m

RT: 15.04 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

Instrument :

BNA\_F

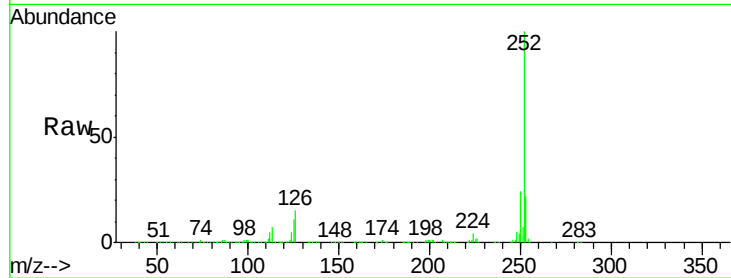
ClientSampleId :

SSTDICC025

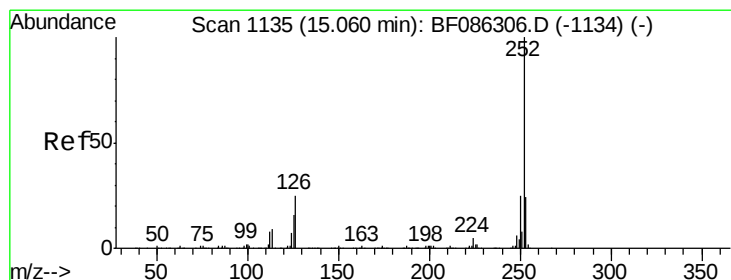
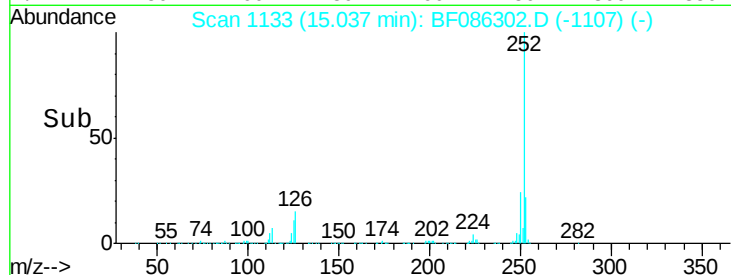
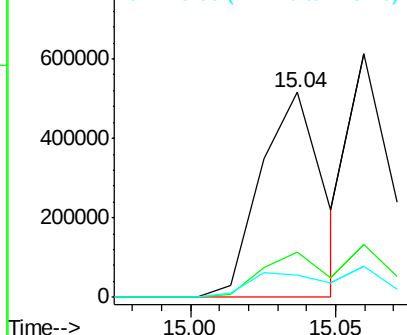
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 762975 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.1  | 17.7  | 26.5   |
| 125       | 10.5  | 10.3  | 15.5   |

Manual Integrations  
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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



#88

Benzo(k)fluoranthene

Concen: 22.97 ng m

RT: 15.06 min Scan# 1135

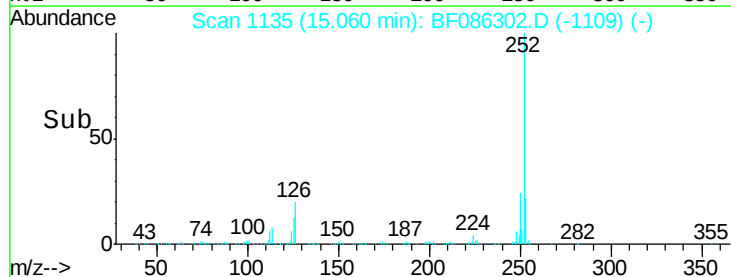
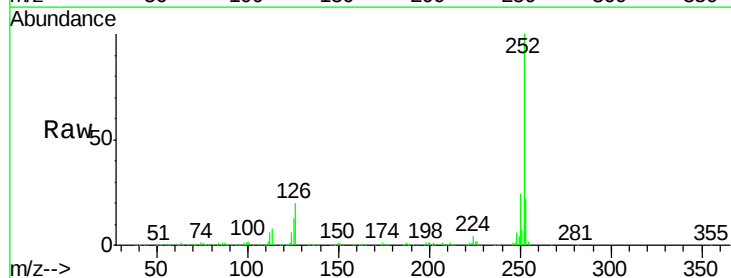
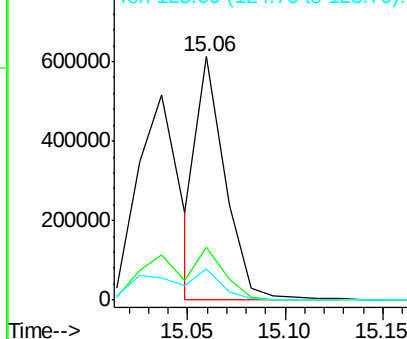
Delta R.T. 0.00 min

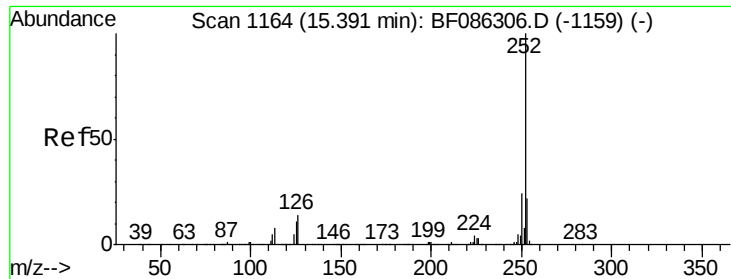
Lab File: BF086302.D

Acq: 20 Apr 2016 11:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 624027 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.7  | 17.5  | 26.3   |
| 125       | 12.9  | 7.8   | 11.6#  |

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





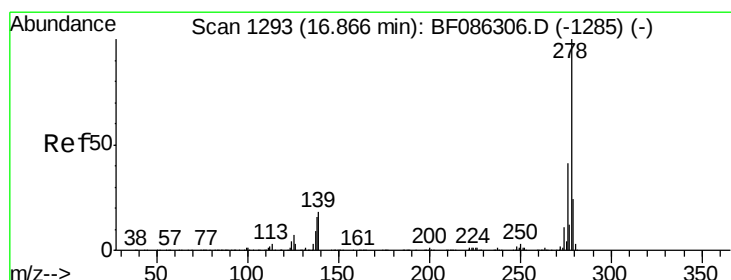
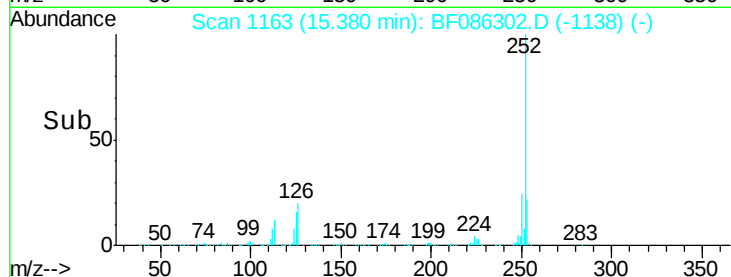
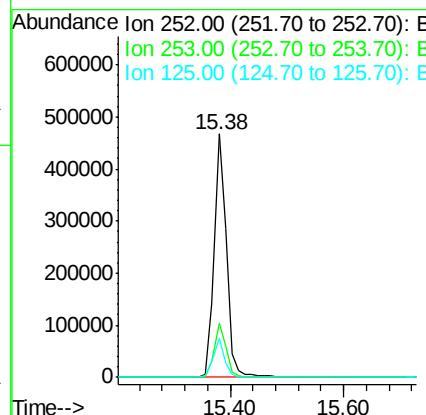
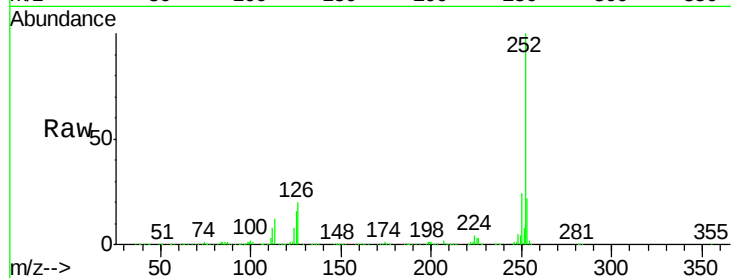
#89  
Benzo(a)pyrene  
Concen: 26.08 ng  
RT: 15.38 min Scan# 1163  
Delta R.T. -0.01 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.8  | 26.8  |
| 125     | 15.8  | 11.2  | 16.8  |

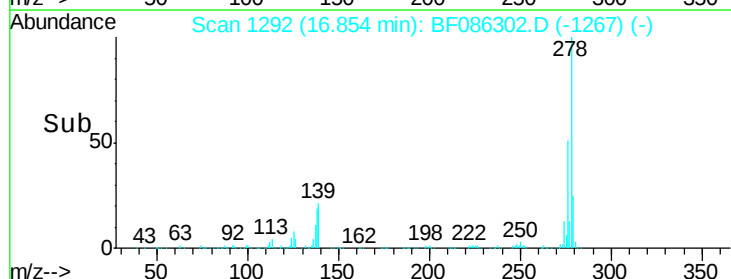
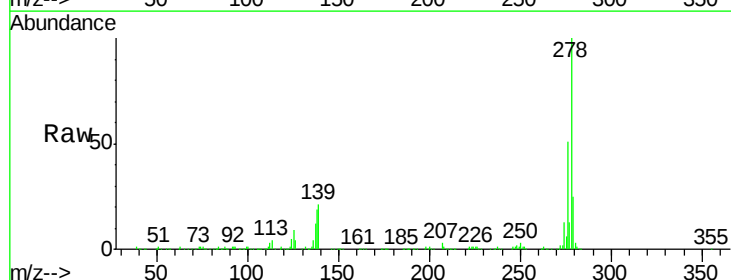
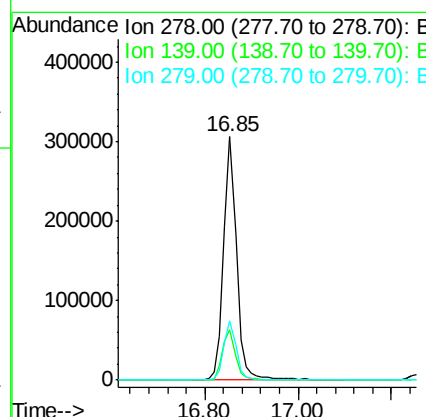
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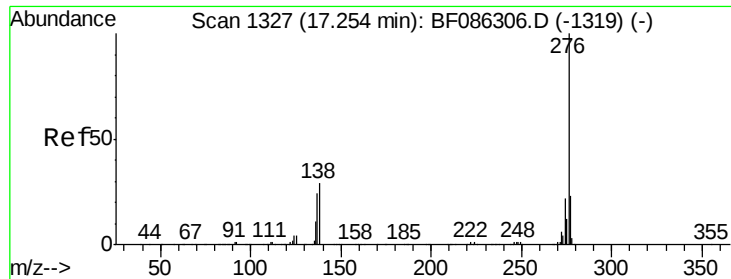
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#90  
Dibenzo(a,h)anthracene  
Concen: 25.88 ng  
RT: 16.85 min Scan# 1292  
Delta R.T. -0.01 min  
Lab File: BF086302.D  
Acq: 20 Apr 2016 11:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 20.6  | 15.3  | 22.9  |
| 279     | 24.5  | 19.1  | 28.7  |





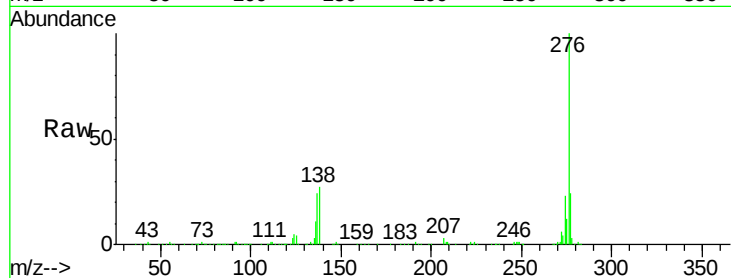
#91  
 Benzo(a,h,i)perylene  
 Concen: 23.01 ng  
 RT: 17.25 min Scan# 1327  
 Delta R.T. -0.01 min  
 Lab File: BF086302.D  
 Acq: 20 Apr 2016 11:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 276  | Resp: | 557895 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 23.9 | 19.0  | 28.6   |
| 138       | 27.5 | 19.6  | 29.4   |

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

