

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF100115\  
 Data File : BF081931.D  
 Acq On : 1 Oct 2015 11:04  
 Operator : UM/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

apatel  
 10/2/2015 9:01:02 AM

Quant Time: Oct 02 02:12:51 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF092815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 28 18:10:42 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.90  | 152  | 143492   | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 8.18  | 136  | 527660   | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10      | 9.94  | 164  | 273545   | 20.00 | ng    | -0.03    |
| 63) Phenanthrene-d10      | 11.43 | 188  | 534109   | 20.00 | ng    | -0.03    |
| 75) Chrysene-d12          | 14.07 | 240  | 474041   | 20.00 | ng    | -0.05    |
| 86) Perylene-d12          | 15.51 | 264  | 396283   | 20.00 | ng    | -0.07    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.49  | 112 | 536285  | 67.85 | ng | -0.03 |
| 7) Phenol-d6             | 6.53  | 99  | 685468  | 68.92 | ng | -0.03 |
| 23) Nitrobenzene-d5      | 7.47  | 82  | 642854  | 81.21 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.73 | 330 | 212968  | 76.87 | ng | -0.03 |
| 44) 2-Fluorobiphenyl     | 9.26  | 172 | 1212453 | 71.99 | ng | -0.05 |
| 78) Terphenyl-d14        | 13.01 | 244 | 1241245 | 84.41 | ng | -0.05 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.50 | 88  | 132912  | 38.66 | ng | 87     |
| 3) Pyridine                    | 3.25 | 79  | 350731  | 39.19 | ng | # 84   |
| 4) n-Nitrosodimethylamine      | 3.21 | 42  | 141633  | 34.84 | ng | 90     |
| 6) Aniline                     | 6.56 | 93  | 467205m | 34.96 | ng |        |
| 8) 2-Chlorophenol              | 6.69 | 128 | 320912  | 36.76 | ng | 96     |
| 9) Benzaldehyde                | 6.45 | 77  | 207912  | 31.92 | ng | # 78   |
| 10) Phenol                     | 6.54 | 94  | 364704  | 32.69 | ng | # 63   |
| 11) bis(2-Chloroethyl)ether    | 6.64 | 93  | 342808  | 39.62 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 6.83 | 146 | 370128m | 35.90 | ng |        |
| 13) 1,4-Dichlorobenzene        | 6.91 | 146 | 390555m | 36.28 | ng |        |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146 | 358481  | 37.37 | ng | 99     |
| 15) Benzyl Alcohol             | 7.04 | 79  | 234227  | 32.62 | ng | # 76   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.18 | 45  | 425972  | 34.82 | ng | 81     |
| 17) 2-Methylphenol             | 7.15 | 107 | 261000  | 36.88 | ng | # 86   |
| 18) Hexachloroethane           | 7.41 | 117 | 125548  | 37.25 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 7.31 | 70  | 207687  | 34.36 | ng | # 77   |
| 20) 3+4-Methylphenols          | 7.31 | 107 | 308666  | 34.53 | ng | # 50   |
| 22) Acetophenone               | 7.31 | 105 | 411268  | 38.12 | ng | # 80   |
| 24) Nitrobenzene               | 7.49 | 77  | 326915  | 38.03 | ng | # 67   |
| 25) Isophorone                 | 7.73 | 82  | 610661  | 38.92 | ng | # 90   |
| 26) 2-Nitrophenol              | 7.81 | 139 | 182135  | 44.14 | ng | # 81   |
| 27) 2,4-Dimethylphenol         | 7.84 | 122 | 293869  | 40.49 | ng | # 82   |
| 28) bis(2-Chloroethoxy)methane | 7.94 | 93  | 362735  | 38.93 | ng | # 95   |
| 29) 2,4-Dichlorophenol         | 8.05 | 162 | 295296  | 41.96 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.13 | 180 | 314644  | 40.04 | ng | 98     |
| 31) Naphthalene                | 8.21 | 128 | 849101  | 36.32 | ng | 97     |
| 32) Benzoic acid               | 7.95 | 122 | 163910  | 39.32 | ng | # 68   |
| 33) 4-Chloroaniline            | 8.26 | 127 | 401842  | 39.75 | ng | # 96   |
| 34) Hexachlorobutadiene        | 8.32 | 225 | 186919  | 40.22 | ng | 98     |
| 35) Caprolactam                | 8.64 | 113 | 86007   | 44.14 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 8.73 | 107 | 270456  | 39.30 | ng | # 79   |
| 37) 2-Methylnaphthalene        | 8.90 | 142 | 609450  | 38.19 | ng | # 94   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 328262  | 39.09 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.05 | 237 | 169474  | 39.19 | ng | 99     |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF100115\  
 Data File : BF081931.D  
 Acq On : 1 Oct 2015 11:04  
 Operator : UM/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

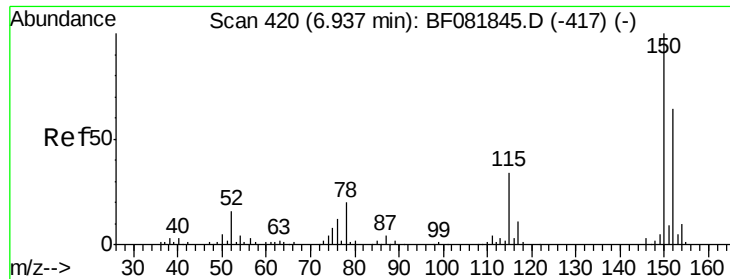
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 10/2/2015 9:01:02 AM

Quant Time: Oct 02 02:12:51 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF092815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| -----                          |       |      |          |       |       |          |
| 42) 2,4,6-Trichlorophenol      | 9.18  | 196  | 211473   | 36.73 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.21  | 196  | 240584m  | 40.64 | ng    |          |
| 45) 1,1'-Biphenyl              | 9.36  | 154  | 744749   | 35.29 | ng    | 94       |
| 46) 2-Chloronaphthalene        | 9.38  | 162  | 600212   | 36.22 | ng    | # 92     |
| 47) 2-Nitroaniline             | 9.49  | 65   | 188523   | 38.75 | ng    | # 79     |
| 48) Acenaphthylene             | 9.81  | 152  | 1007522  | 37.99 | ng    | 97       |
| 49) Dimethylphthalate          | 9.67  | 163  | 756826   | 40.08 | ng    | # 98     |
| 50) 2,6-Dinitrotoluene         | 9.73  | 165  | 147999   | 36.10 | ng    | # 60     |
| 51) Acenaphthene               | 9.98  | 154  | 621831   | 39.48 | ng    | 89       |
| 52) 3-Nitroaniline             | 9.90  | 138  | 183782   | 38.75 | ng    | # 65     |
| 53) 2,4-Dinitrophenol          | 10.00 | 184  | 69450    | 48.05 | ng    | # 57     |
| 54) Dibenzofuran               | 10.15 | 168  | 835670   | 37.55 | ng    | 93       |
| 55) 4-Nitrophenol              | 10.06 | 139  | 125366   | 36.58 | ng    | # 74     |
| 56) 2,4-Dinitrotoluene         | 10.13 | 165  | 202504   | 38.75 | ng    | # 72     |
| 57) Fluorene                   | 10.49 | 166  | 662896   | 41.48 | ng    | 93       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.26 | 232  | 202602   | 43.14 | ng    | 91       |
| 59) Diethylphthalate           | 10.37 | 149  | 694930   | 39.40 | ng    | 95       |
| 60) 4-Chlorophenyl-phenylether | 10.48 | 204  | 311064   | 38.17 | ng    | 90       |
| 61) 4-Nitroaniline             | 10.51 | 138  | 183983   | 38.69 | ng    | # 52     |
| 62) Azobenzene                 | 10.64 | 77   | 670780   | 38.97 | ng    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 10.54 | 198  | 111233   | 46.29 | ng    | 83       |
| 65) n-Nitrosodiphenylamine     | 10.61 | 169  | 617060   | 38.18 | ng    | 92       |
| 66) 4-Bromophenyl-phenylether  | 10.97 | 248  | 216464   | 40.19 | ng    | 93       |
| 67) Hexachlorobenzene          | 11.03 | 284  | 204637   | 33.67 | ng    | # 89     |
| 68) Atrazine                   | 11.13 | 200  | 210639   | 42.01 | ng    | 82       |
| 69) Pentachlorophenol          | 11.22 | 266  | 133983   | 38.69 | ng    | 100      |
| 70) Phenanthrene               | 11.45 | 178  | 1019286  | 39.45 | ng    | 96       |
| 71) Anthracene                 | 11.50 | 178  | 1018129  | 37.50 | ng    | 96       |
| 72) Carbazole                  | 11.66 | 167  | 935946   | 38.09 | ng    | 95       |
| 73) Di-n-butylphthalate        | 11.99 | 149  | 1115811  | 44.58 | ng    | 99       |
| 74) Fluoranthene               | 12.64 | 202  | 1109417  | 38.77 | ng    | 87       |
| 76) Benzidine                  | 12.77 | 184  | 593451   | 41.55 | ng    | 97       |
| 77) Pyrene                     | 12.87 | 202  | 1116369  | 39.42 | ng    | 96       |
| 79) Butylbenzylphthalate       | 13.49 | 149  | 503487   | 47.25 | ng    | # 92     |
| 80) Benzo(a)anthracene         | 14.06 | 228  | 958733   | 37.56 | ng    | 96       |
| 81) 3,3'-Dichlorobenzidine     | 14.02 | 252  | 383927   | 44.53 | ng    | # 93     |
| 82) Chrysene                   | 14.09 | 228  | 963952m  | 41.72 | ng    |          |
| 83) Bis(2-ethylhexyl)phthalate | 14.04 | 149  | 596594   | 44.63 | ng    | # 91     |
| 84) Di-n-octyl phthalate       | 14.65 | 149  | 1071021  | 49.23 | ng    | # 92     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.94 | 276  | 761002   | 38.11 | ng    | # 88     |
| 87) Benzo(b)fluoranthene       | 15.09 | 252  | 962378   | 42.54 | ng    | # 88     |
| 88) Benzo(k)fluoranthene       | 15.12 | 252  | 757361m  | 36.52 | ng    |          |
| 89) Benzo(a)pyrene             | 15.45 | 252  | 784240   | 39.96 | ng    | # 85     |
| 90) Dibenzo(a,h)anthracene     | 16.96 | 278  | 626983   | 38.08 | ng    | # 82     |
| 91) Benzo(g,h,i)perylene       | 17.37 | 276  | 600455   | 35.58 | ng    | # 78     |
| -----                          |       |      |          |       |       |          |

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





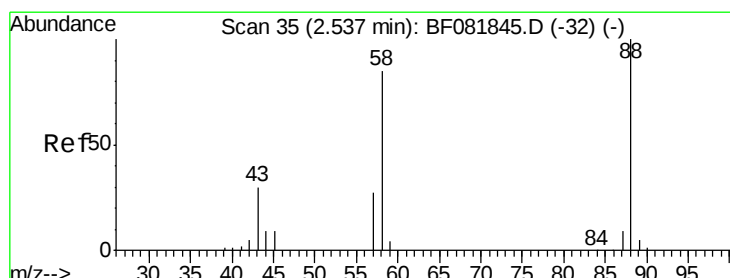
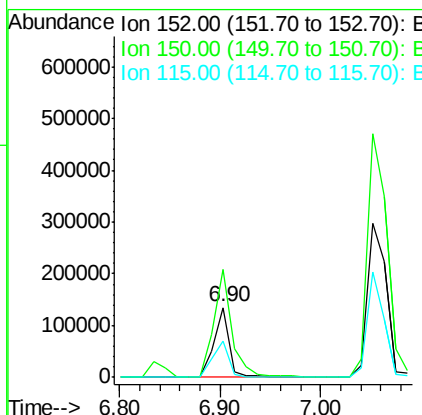
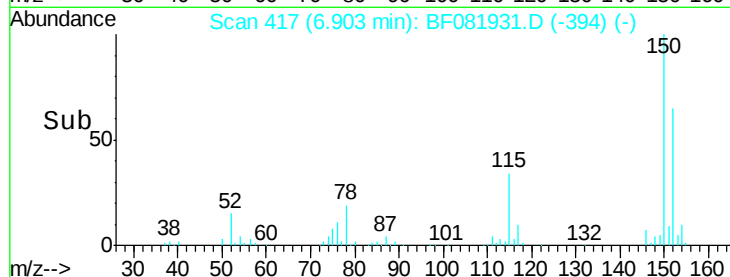
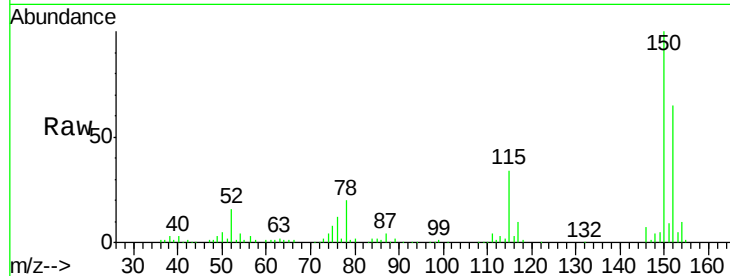
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 Concen: 20.00 ng  
 RT: 6.90 min Scan# 417  
 Delta R.T. -0.03 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.5 | 124.7 | 187.1 |
| 115     | 52.0  | 39.0  | 58.4  |

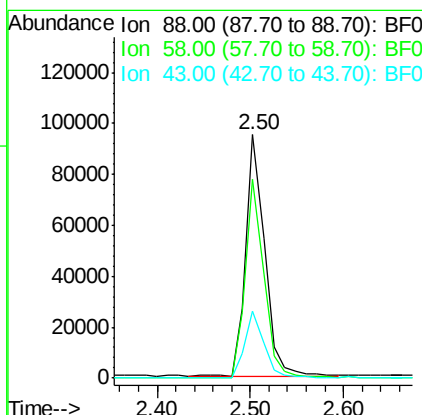
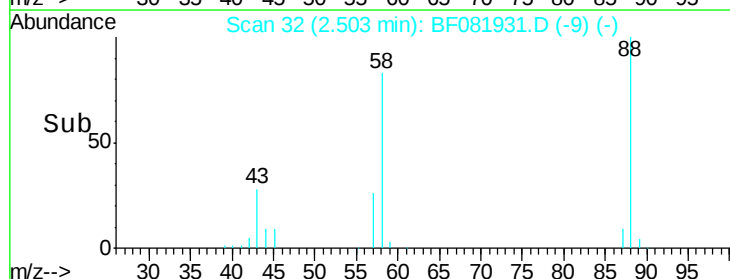
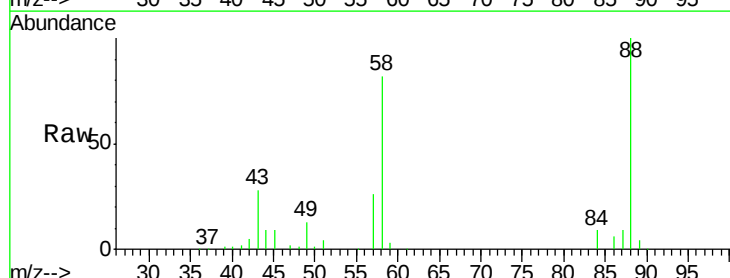
Manual Integrations  
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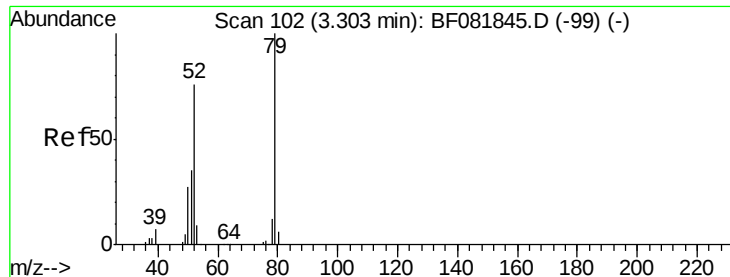
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 10/2/2015 9:01:02 AM



#2  
 1,4-Dioxane  
 Concen: 38.66 ng  
 RT: 2.50 min Scan# 32  
 Delta R.T. -0.03 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 82.6  | 77.7  | 116.5 |
| 43      | 29.3  | 26.6  | 40.0  |





#3

Pyridine

Concen: 39.19 ng

RT: 3.25 min Scan# 97

Delta R.T. -0.06 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

Instrument :

BNA\_F

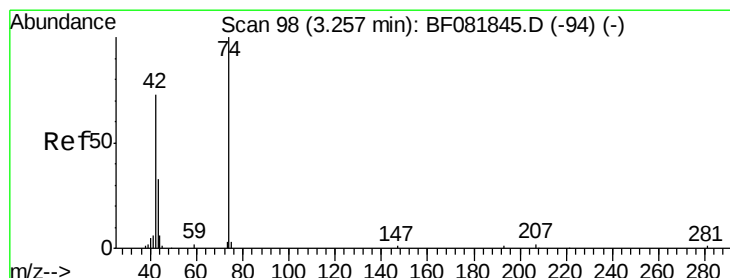
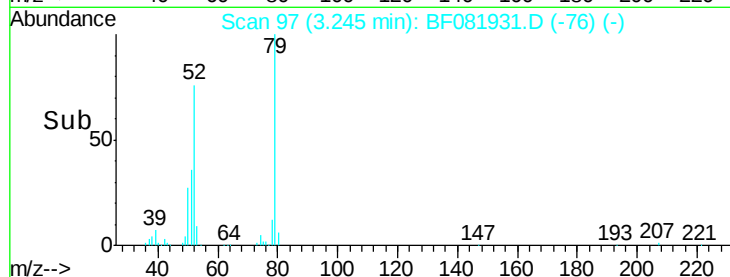
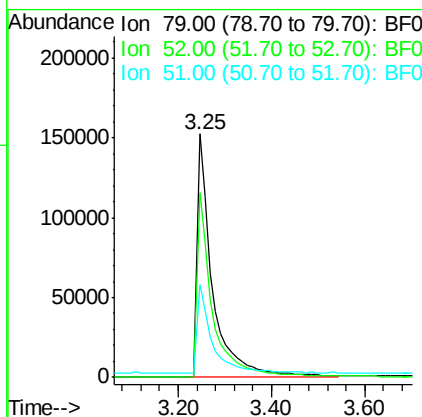
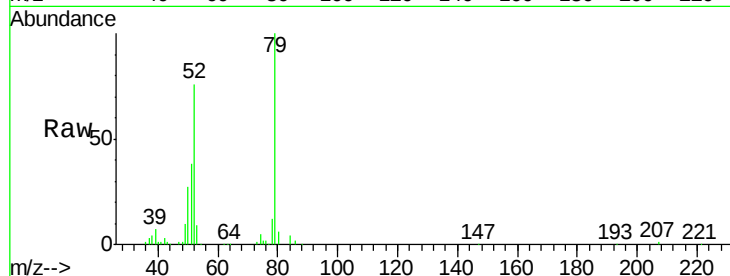
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 350731 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 75.9  | 76.8  | 115.2# |
| 51        | 37.8  | 32.2  | 48.4   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 34.84 ng

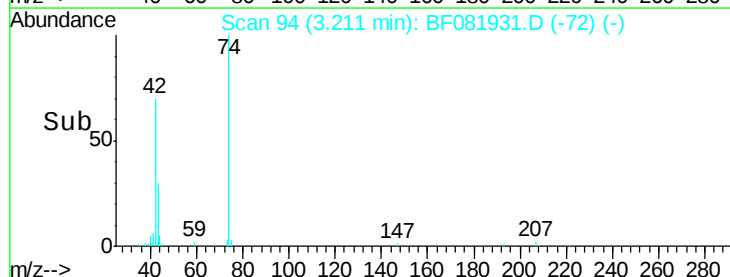
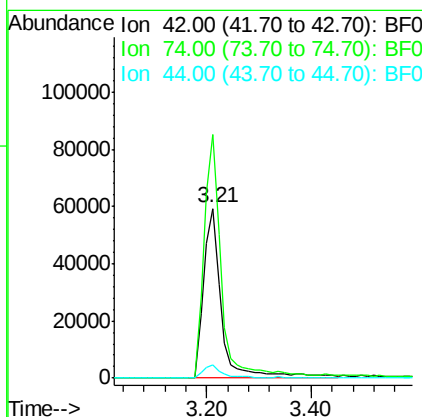
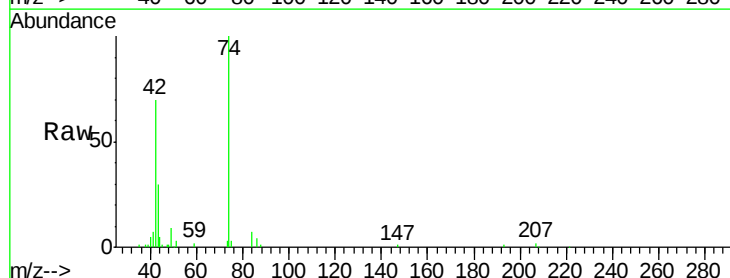
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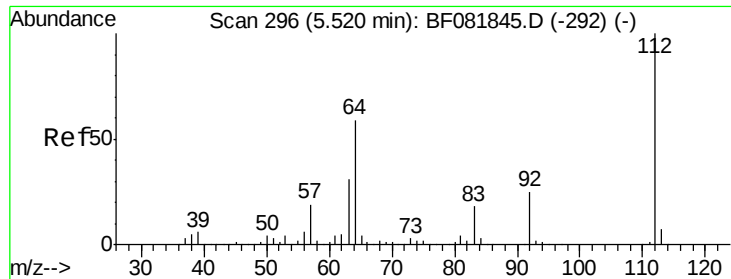
Delta R.T. -0.05 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 141633 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 143.5 | 105.0 | 157.6  |
| 44        | 7.6   | 6.6   | 10.0   |





#5

2-Fluorophenol

Concen: 67.85 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

Instrument :

BNA\_F

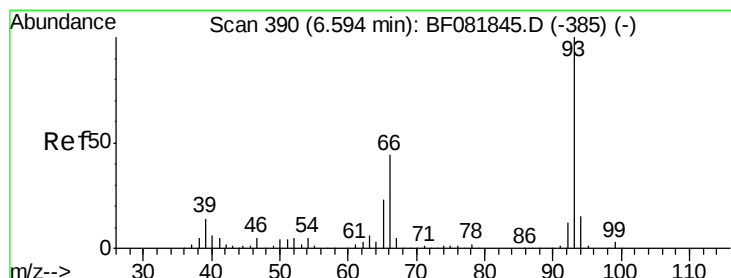
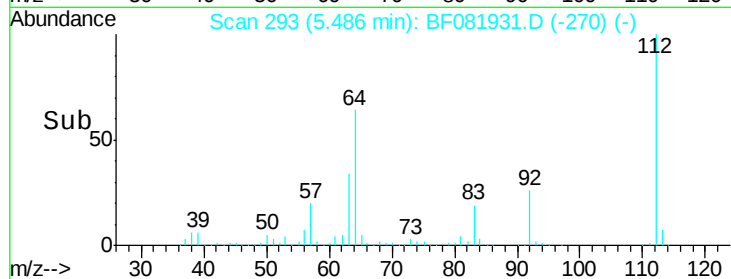
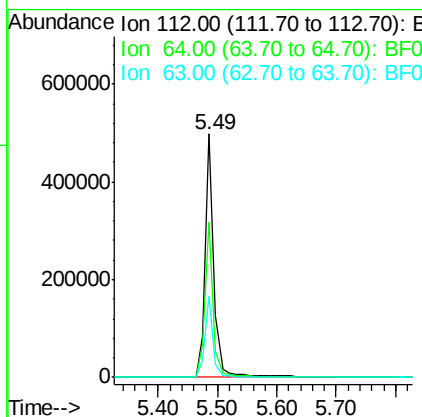
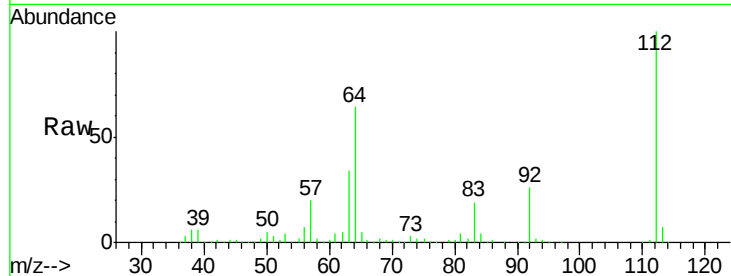
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 112  | Resp: | 536285 |
| Ion Ratio |      | Lower | Upper  |
| 112       | 100  |       |        |
| 64        | 63.6 | 39.7  | 59.5#  |
| 63        | 33.5 | 17.4  | 26.0#  |

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10/2/2015 9:01:02 AM



#6

Aniline

Concen: 34.96 ng m

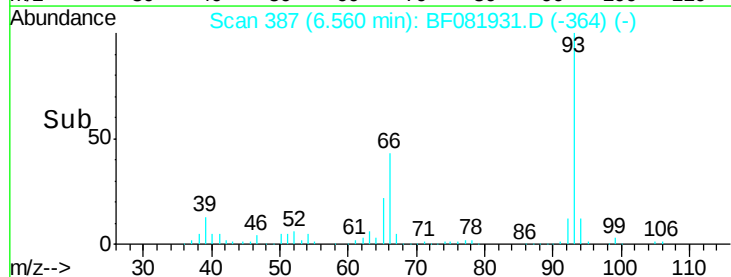
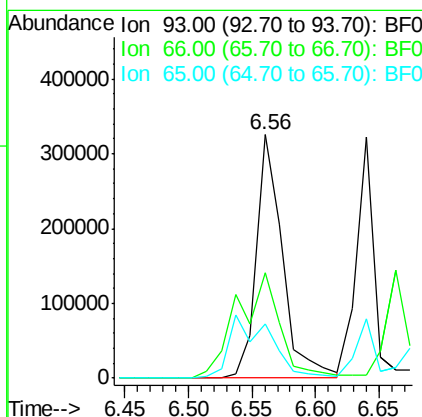
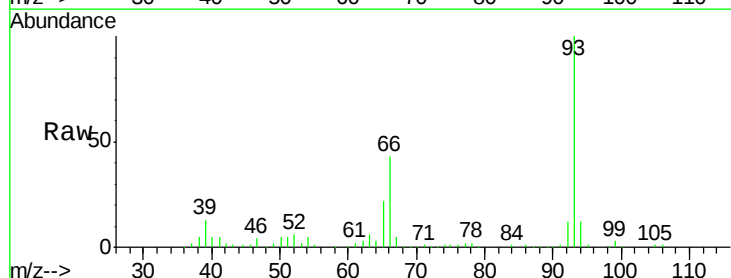
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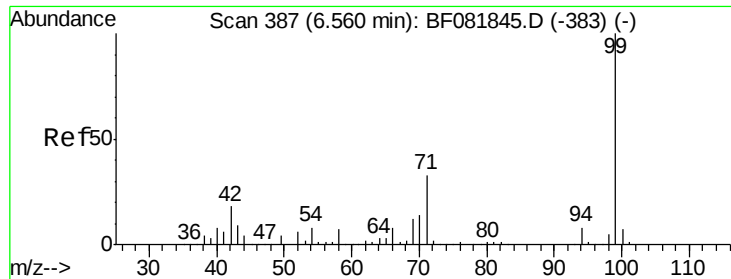
Delta R.T. -0.03 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 93   | Resp: | 467205 |
| Ion Ratio |      | Lower | Upper  |
| 93        | 100  |       |        |
| 66        | 43.1 | 27.2  | 40.8#  |
| 65        | 22.1 | 14.7  | 22.1#  |





#7

Phenol-d6

Concen: 68.92 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

Instrument :

BNA\_F

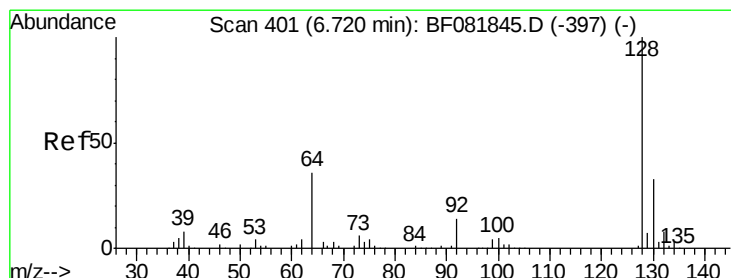
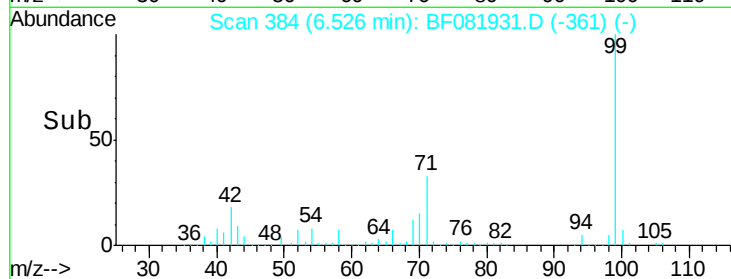
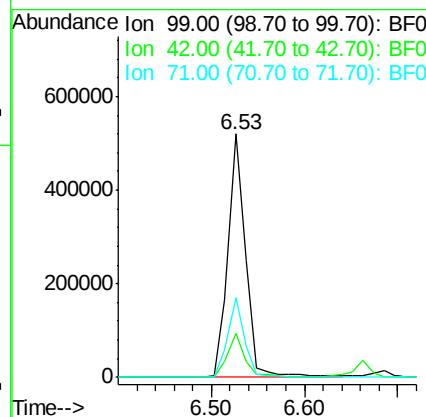
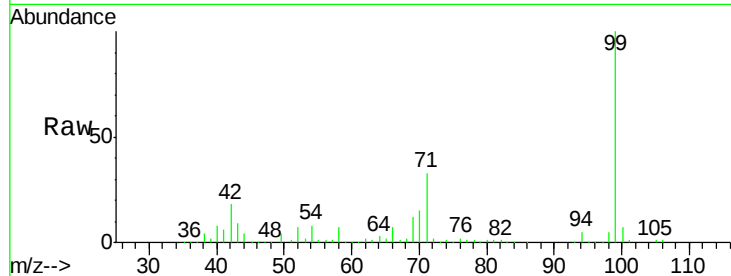
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 685468 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 18.2  | 13.7  | 20.5   |
| 71        | 32.8  | 14.2  | 21.2#  |

Manual Integrations  
APPROVED

apatel  
10/2/2015 9:01:02 AM



#8

2-Chlorophenol

Concen: 36.76 ng

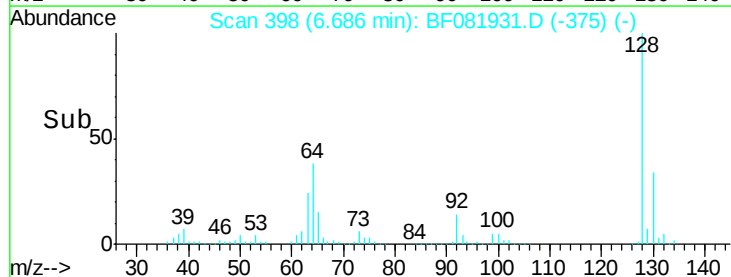
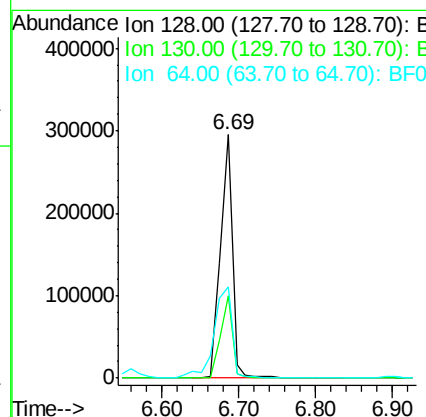
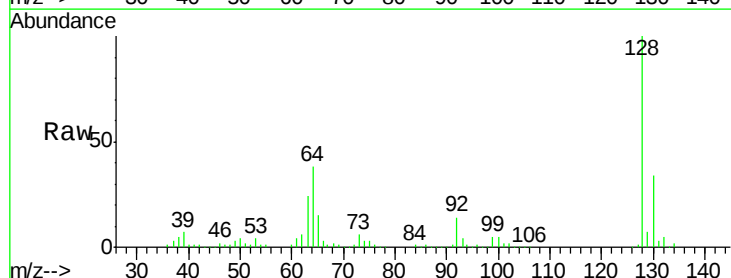
RT: 6.69 min Scan# 398

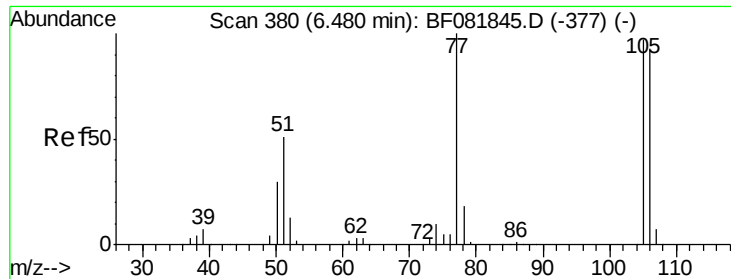
Delta R.T. -0.03 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 320912 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 34.1  | 12.2  | 52.2   |
| 64        | 37.5  | 20.5  | 60.5   |





#9

Benzaldehyde

Concen: 31.92 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.03 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

Instrument :

BNA\_F

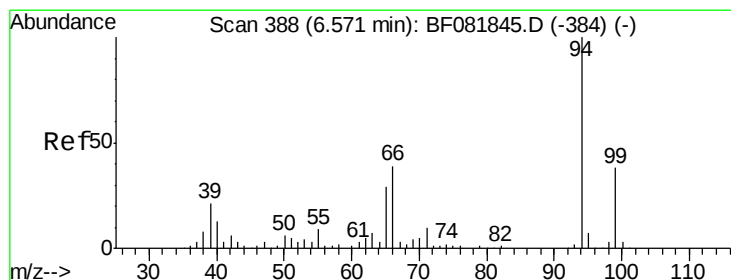
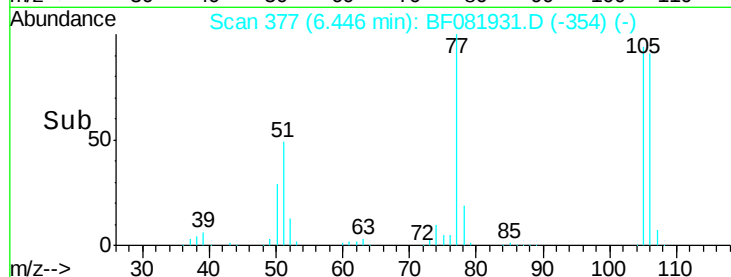
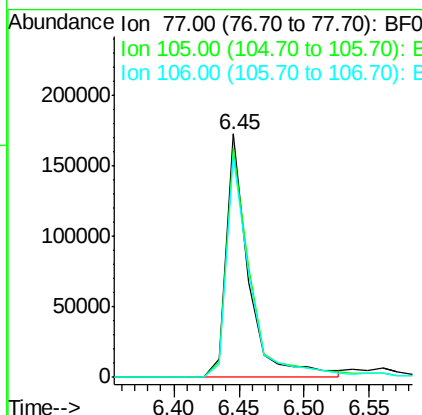
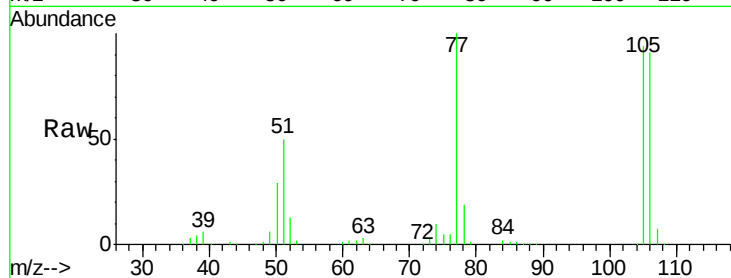
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 207912 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 94.4  | 91.6  | 131.6  |
| 106       | 91.1  | 102.6 | 142.6# |

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#10

Phenol

Concen: 32.69 ng

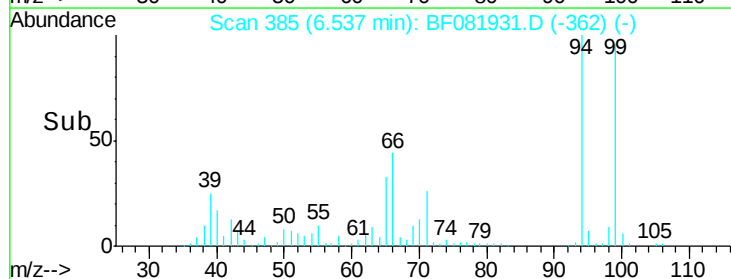
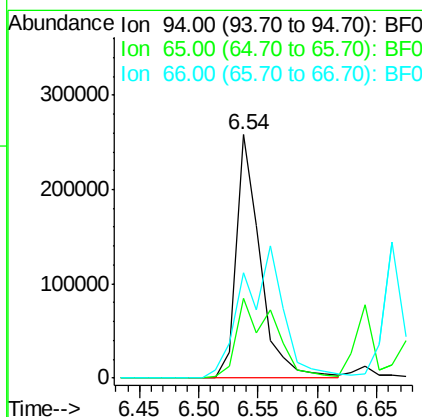
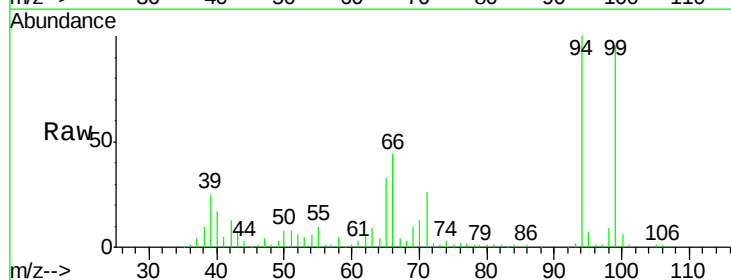
RT: 6.54 min Scan# 385

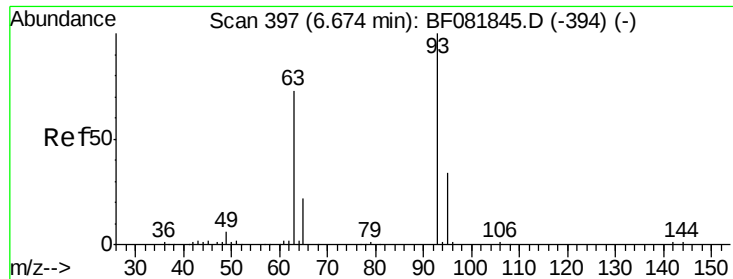
Delta R.T. -0.03 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 364704 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 32.6  | 0.7   | 40.7   |
| 66        | 43.5  | 0.8   | 40.8#  |





#11

bis(2-Chloroethyl)ether

Concen: 39.62 ng

RT: 6.64 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 342808

Ion Ratio Lower Upper

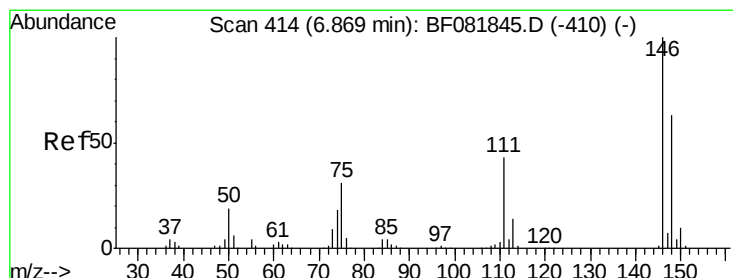
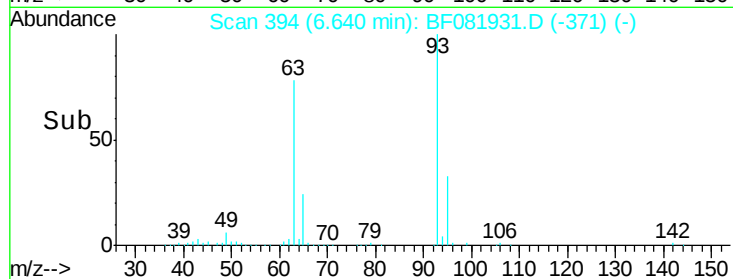
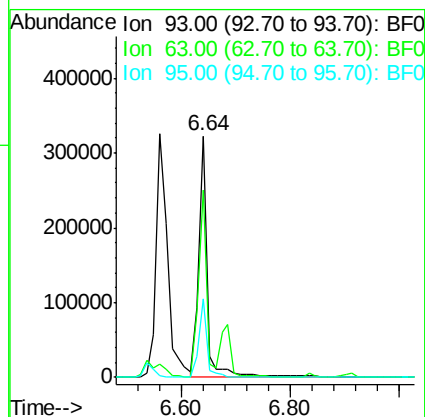
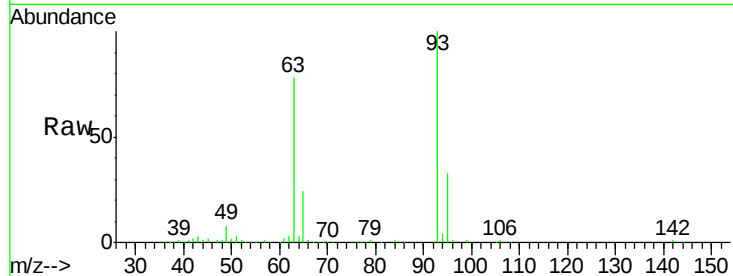
93 100

63 77.5 65.6 105.6

95 32.5 13.6 53.6

Manual Integrations  
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#12

1,3-Dichlorobenzene

Concen: 35.90 ng m

RT: 6.83 min Scan# 411

Delta R.T. -0.03 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

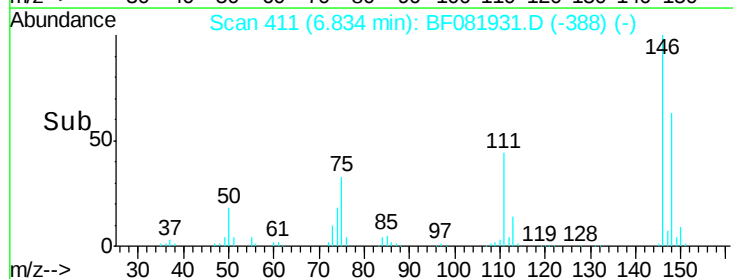
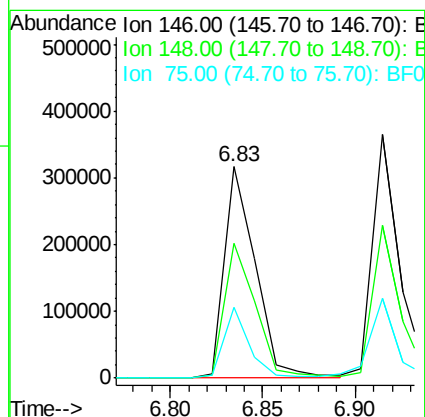
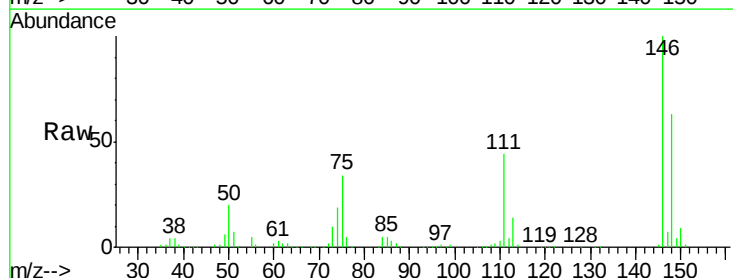
Tgt Ion: 146 Resp: 370128

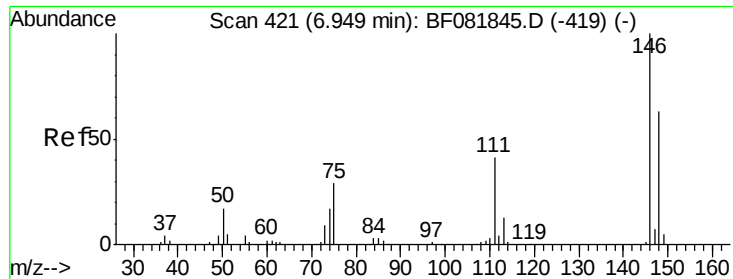
Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.4

75 33.7 15.0 22.6#





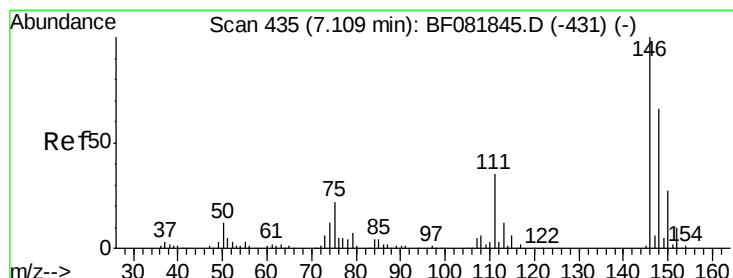
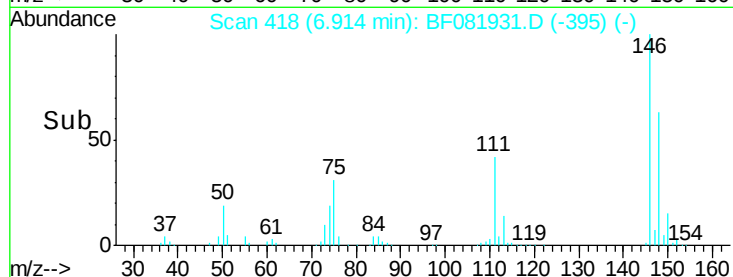
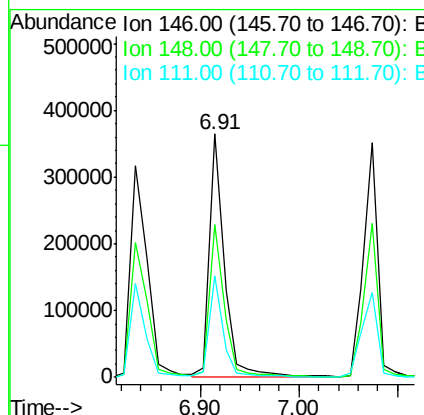
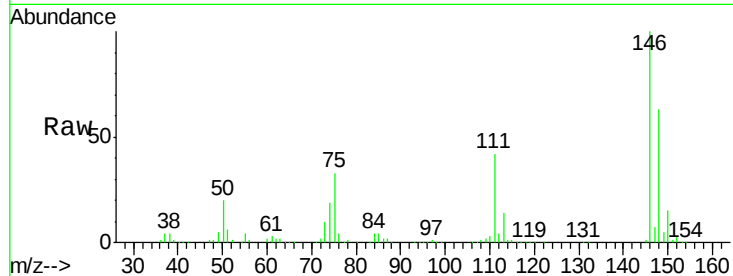
#13  
 1,4-Dichlorobenzene  
 Concen: 36.28 ng m  
 RT: 6.91 min Scan# 418  
 Delta R.T. -0.03 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.7  | 51.8  | 77.6  |
| 111     | 42.0  | 24.9  | 37.3# |

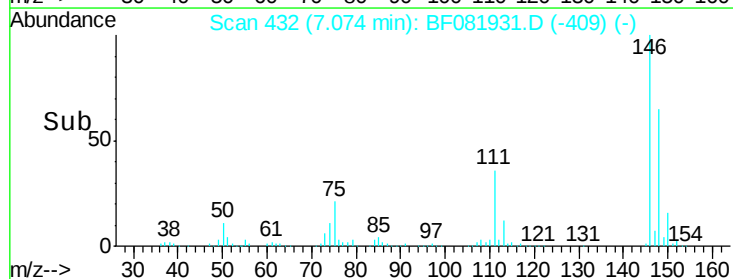
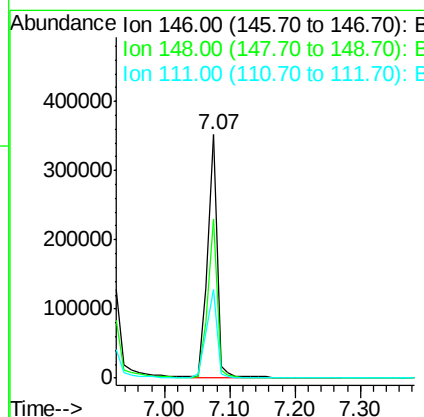
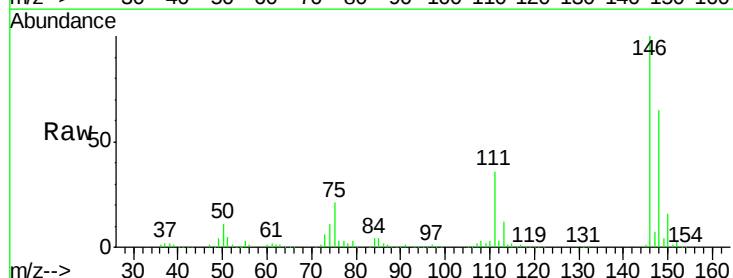
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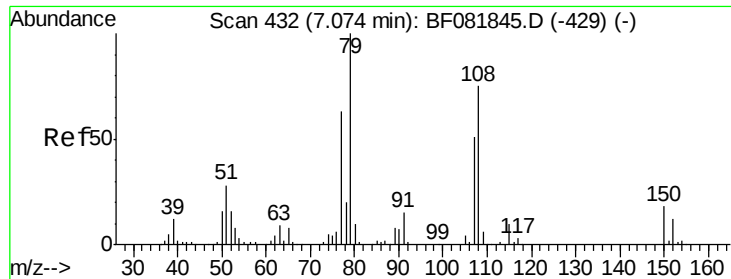
apatel  
 10/2/2015 9:01:02 AM



#14  
 1,2-Dichlorobenzene  
 Concen: 37.37 ng  
 RT: 7.07 min Scan# 432  
 Delta R.T. -0.03 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.3  | 52.7  | 79.1  |
| 111     | 36.2  | 28.8  | 43.2  |





#15

Benzyl Alcohol

Concen: 32.62 ng

RT: 7.04 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 234227  
Ion Ratio Lower Upper

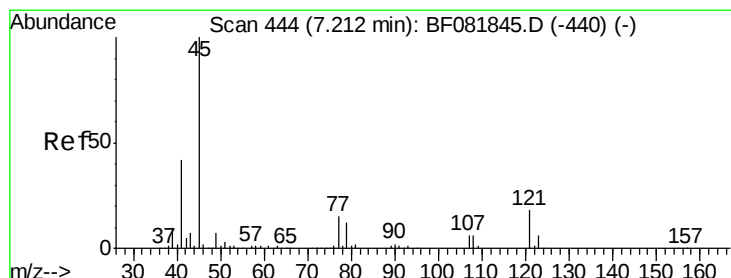
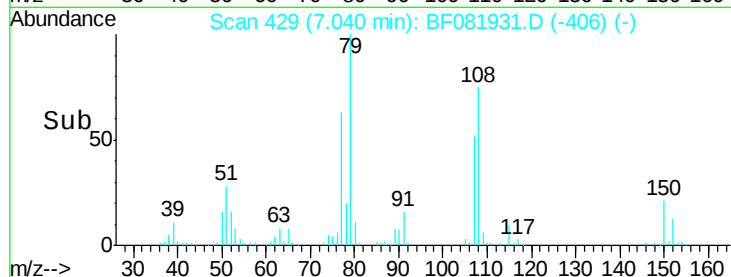
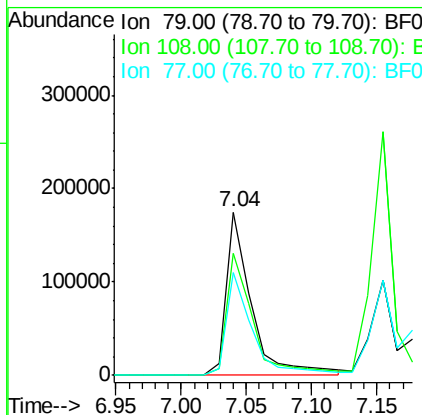
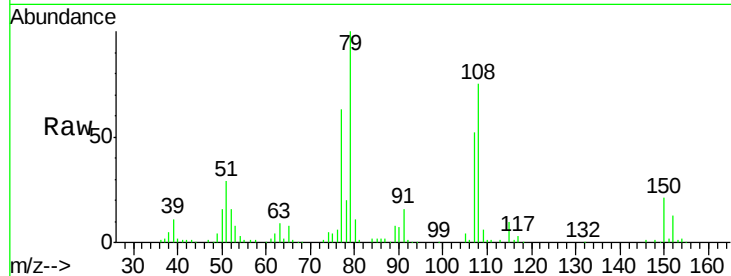
79 100

108 74.9 88.6 132.8#

77 63.1 47.0 70.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.82 ng

RT: 7.18 min Scan# 441

Delta R.T. -0.03 min

Lab File: BF081931.D

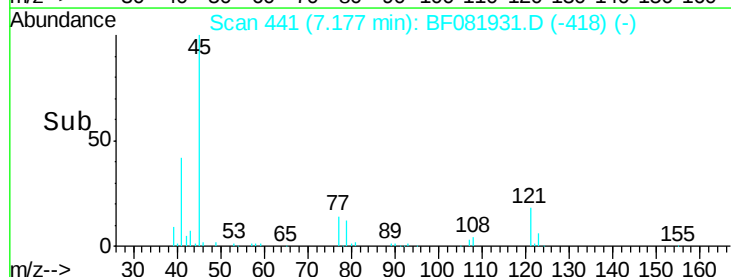
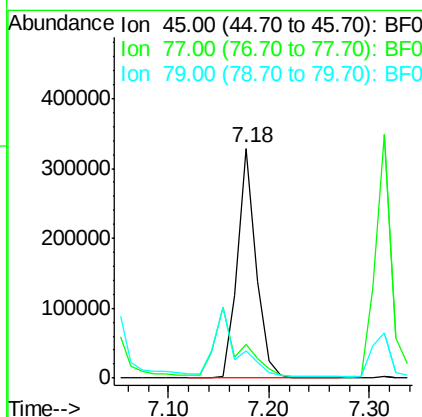
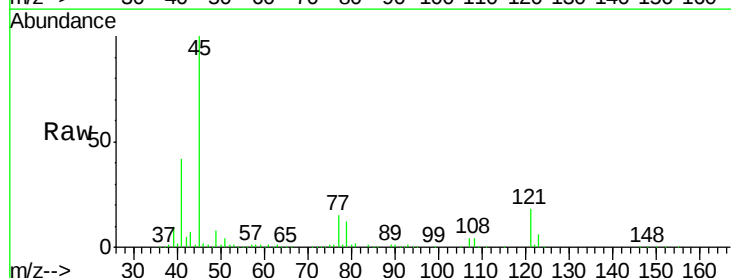
Acq: 1 Oct 2015 11:04

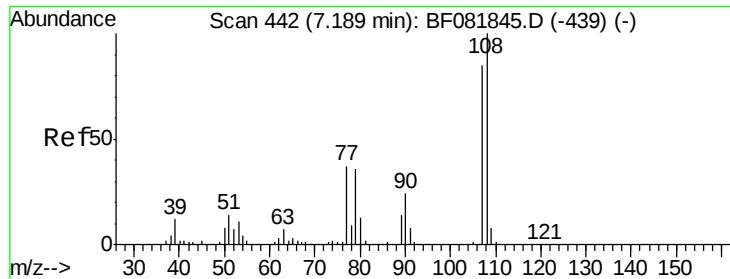
Tgt Ion: 45 Resp: 425972  
Ion Ratio Lower Upper

45 100

77 14.9 0.0 28.1

79 12.0 0.0 26.0





#17

2-Methylphenol

Concen: 36.88 ng

RT: 7.15 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF081931.D

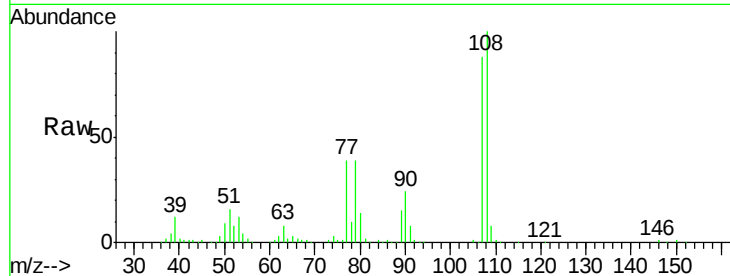
Acq: 1 Oct 2015 11:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:107 Resp: 261000

Ion Ratio Lower Upper

107 100

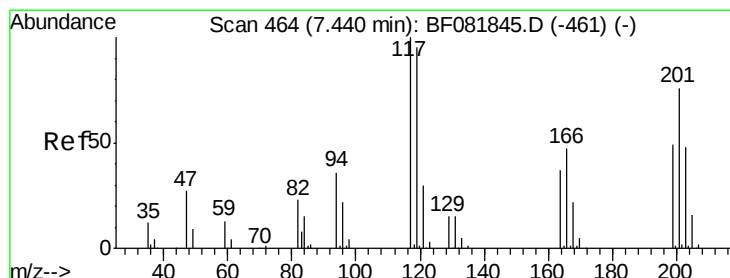
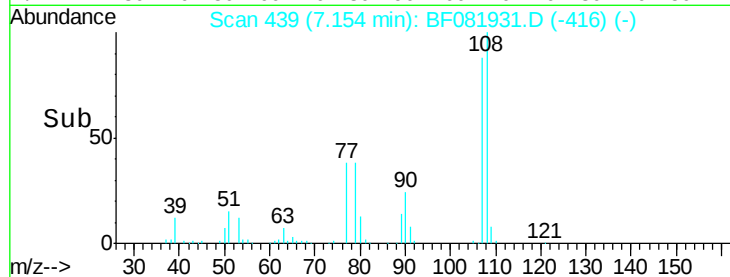
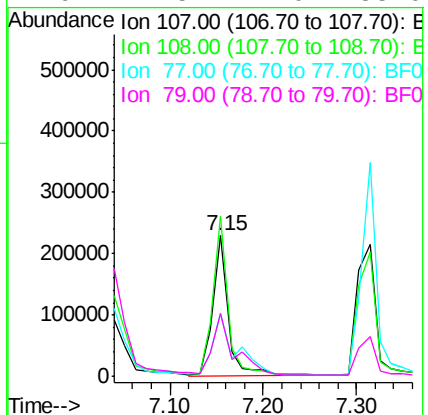
108 113.9 96.6 145.0

77 44.6 23.3 34.9

79 44.5 22.0 33.0

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#18

Hexachloroethane

Concen: 37.25 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.03 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

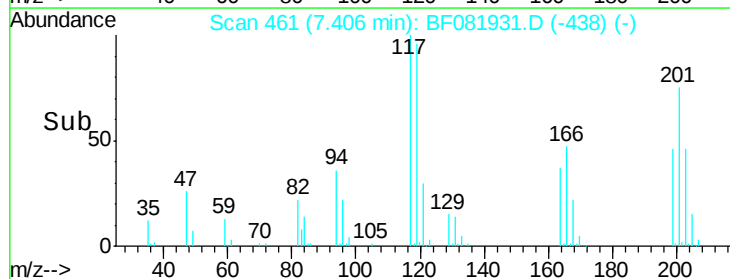
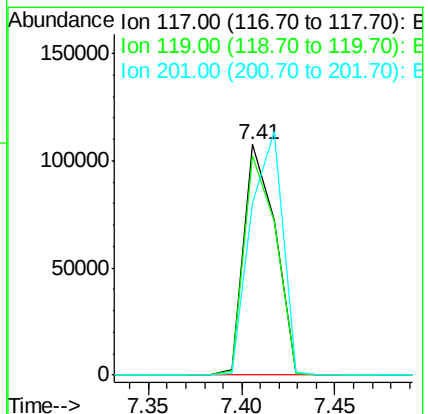
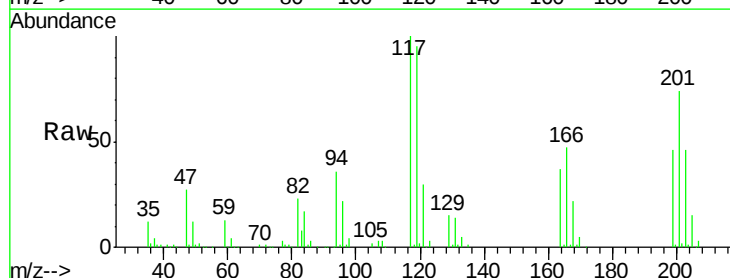
Tgt Ion:117 Resp: 125548

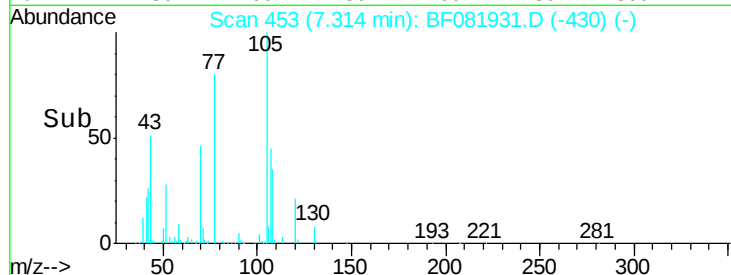
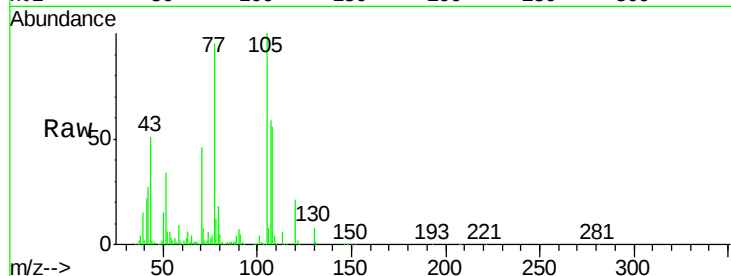
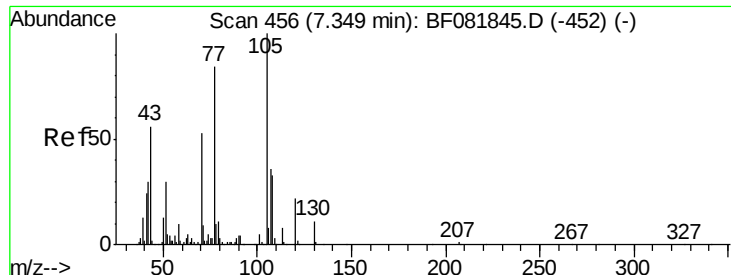
Ion Ratio Lower Upper

117 100

119 95.5 83.8 125.6

201 74.5 55.1 82.7





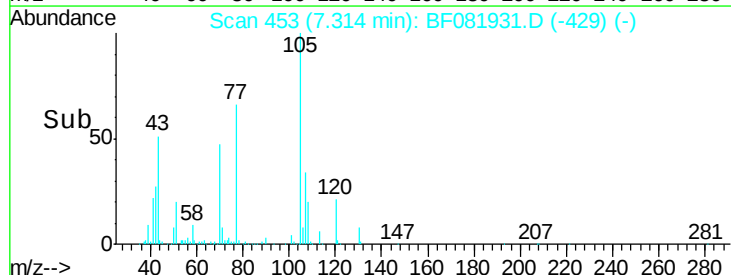
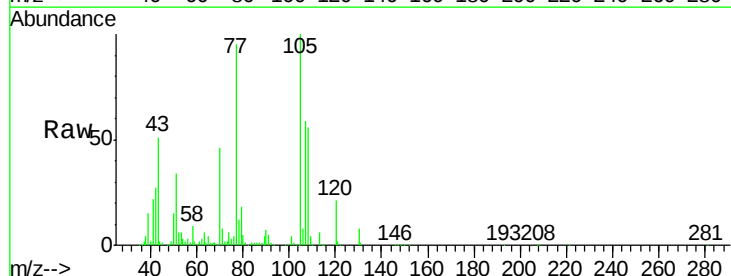
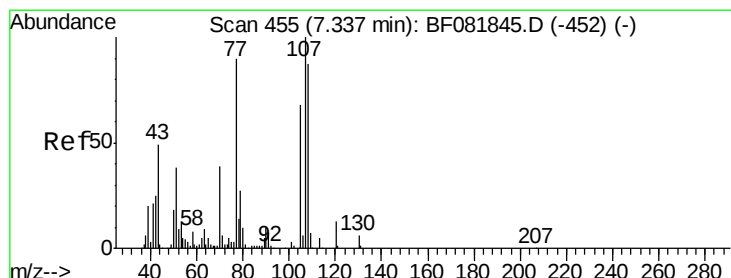
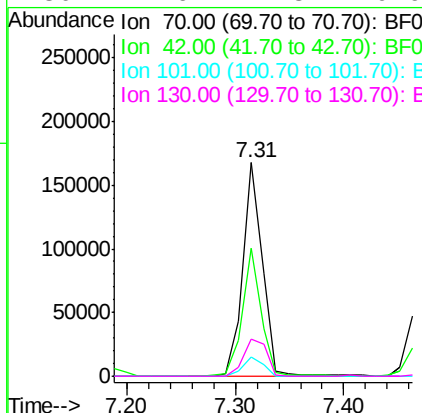
#19  
n-Nitroso-di-n-propylamine  
Concen: 34.36 ng  
RT: 7.31 min Scan# 453  
Delta R.T. -0.03 min  
Lab File: BF081931.D  
Acq: 1 Oct 2015 11:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 70      | 100   |            |       |
| 42      | 59.7  | 63.8       | 95.6# |
| 101     | 8.7   | 9.2        | 13.8# |
| 130     | 17.6  | 27.3       | 40.9# |

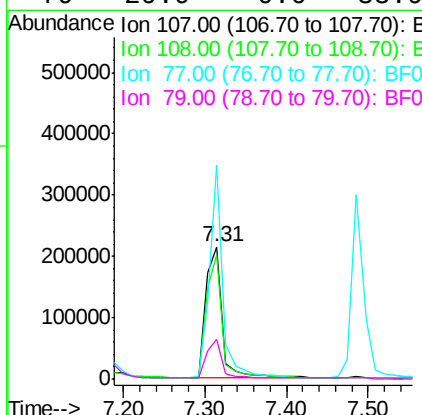
Manual Integrations  
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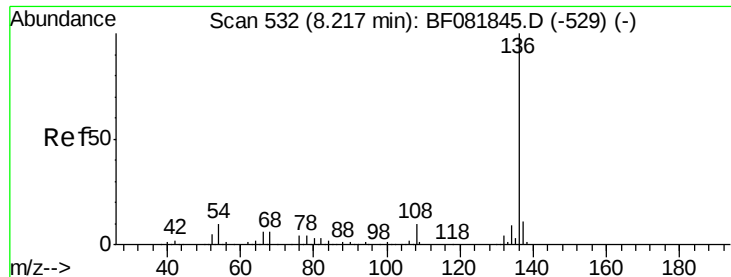
apatel  
10/2/2015 9:01:02 AM



#20  
3+4-Methylphenols  
Concen: 34.53 ng  
RT: 7.31 min Scan# 453  
Delta R.T. -0.02 min  
Lab File: BF081931.D  
Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 107     | 100   |            |       |
| 108     | 94.6  | 74.6       | 114.6 |
| 77      | 162.0 | 0.7        | 40.7# |
| 79      | 29.9  | 0.0        | 38.9  |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

Instrument :

BNA\_F

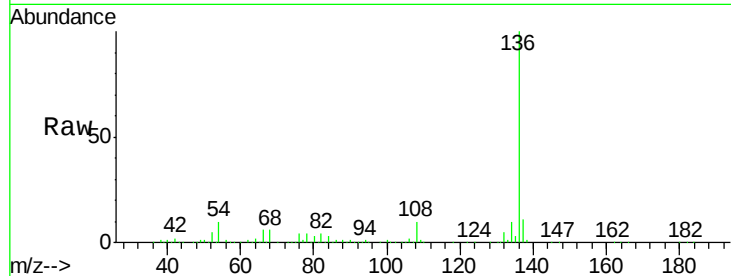
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 527660 |       |       |
| 137     | 11.4  | 9.0    | 13.6  |       |
| 54      | 9.8   | 8.2    | 12.2  |       |
| 68      | 6.5   | 5.8    | 8.6   |       |

Manual Integrations  
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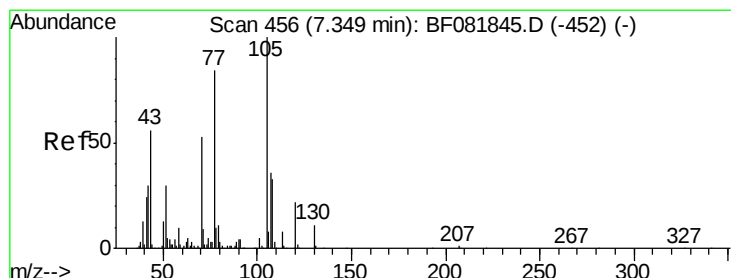
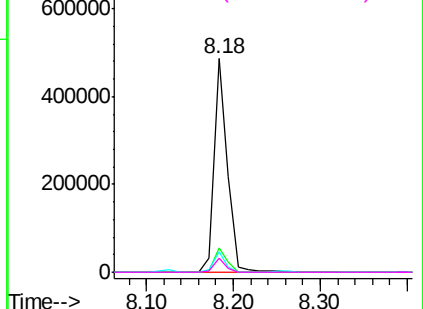
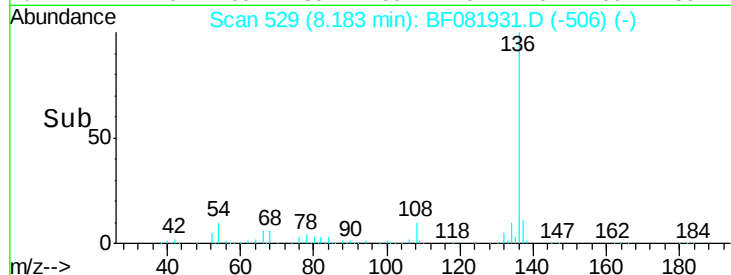


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.12 ng

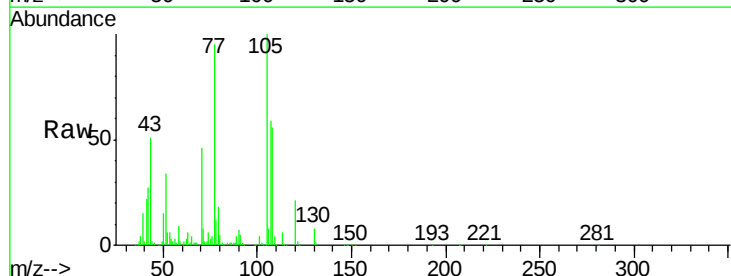
RT: 7.31 min Scan# 453

Delta R.T. -0.03 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 411268 |       |       |
| 71      | 7.6   | 4.7    | 7.1#  |       |
| 51      | 34.0  | 22.0   | 33.0# |       |
| 120     | 20.9  | 30.1   | 45.1# |       |

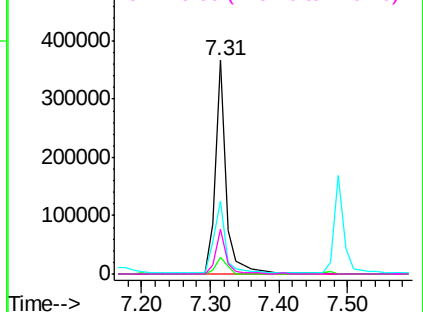
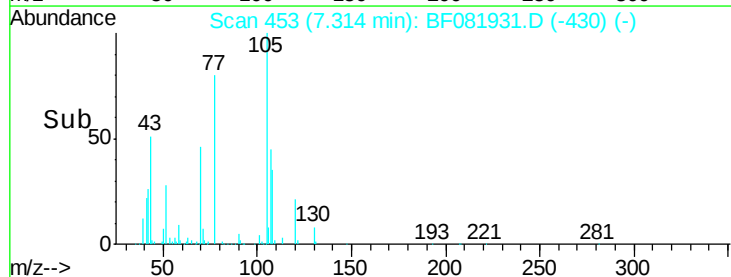


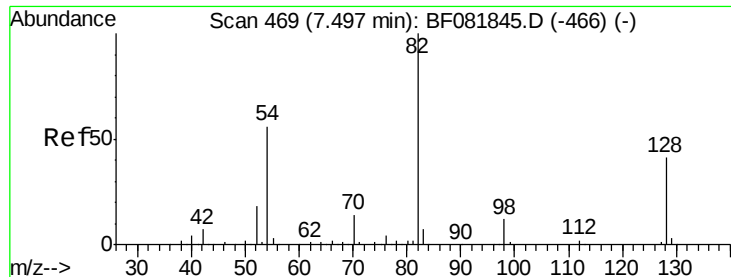
Abundance Ion 105.00 (104.70 to 105.70): E

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





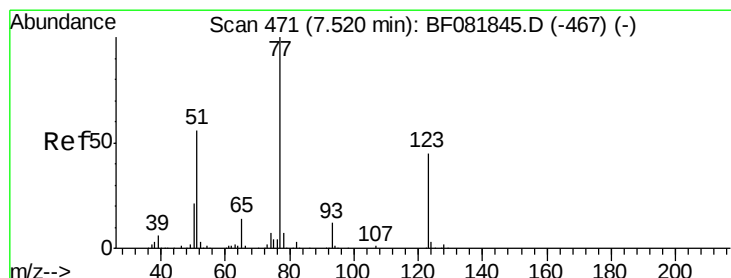
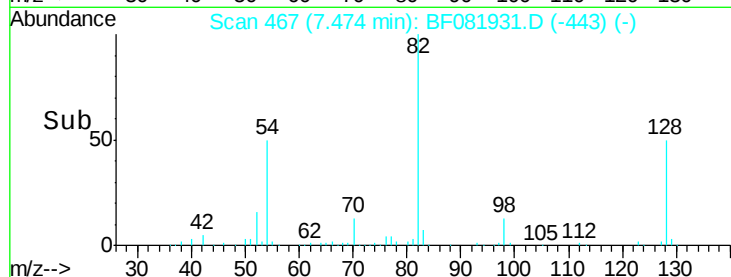
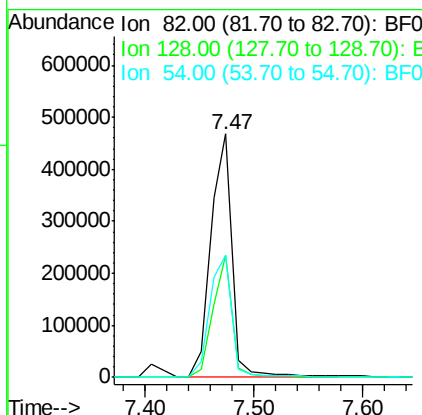
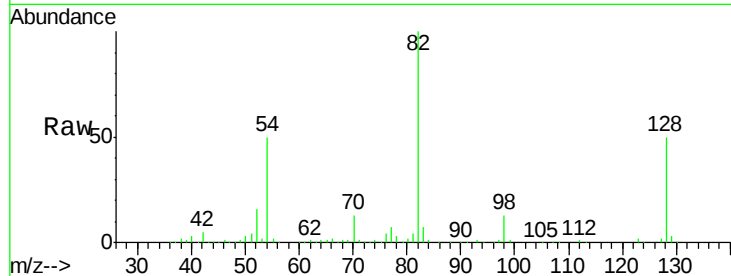
#23  
 Nitrobenzene-d5  
 Concen: 81.21 ng  
 RT: 7.47 min Scan# 467  
 Delta R.T. -0.02 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 50.3  | 51.0  | 76.6# |
| 54      | 49.9  | 47.5  | 71.3  |

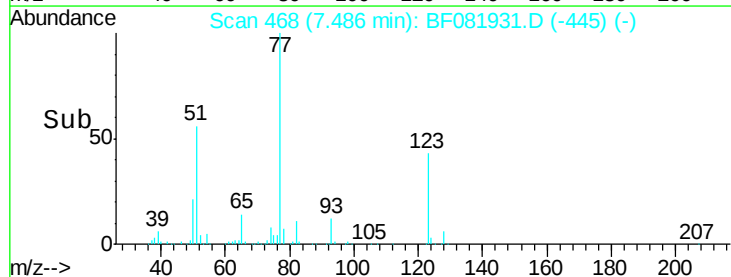
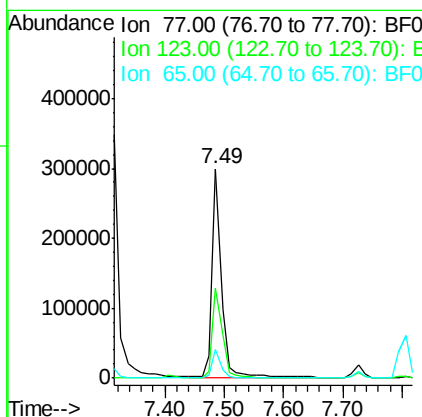
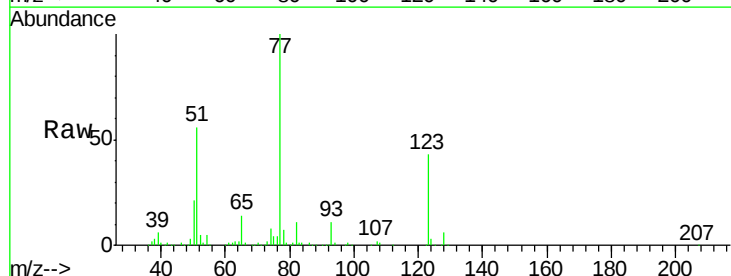
Manual Integrations  
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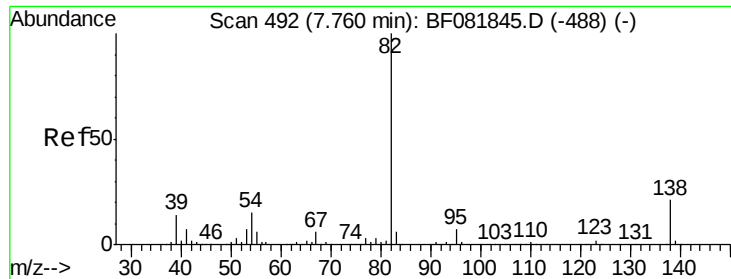
apatel  
 10/2/2015 9:01:02 AM



#24  
 Nitrobenzene  
 Concen: 38.03 ng  
 RT: 7.49 min Scan# 468  
 Delta R.T. -0.03 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 42.7  | 59.8  | 89.8# |
| 65      | 13.9  | 10.2  | 15.4  |





#25

Isophorone

Concen: 38.92 ng

RT: 7.73 min Scan# 489

Delta R.T. -0.03 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 610661  
Ion Ratio Lower Upper

82 100

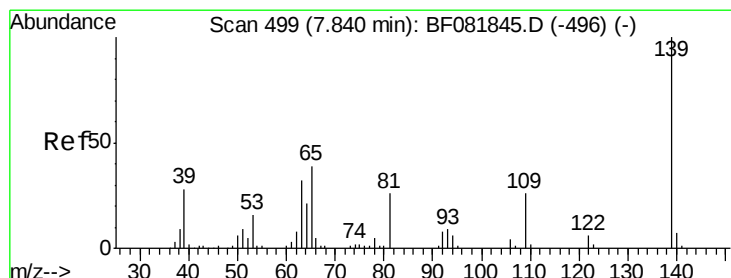
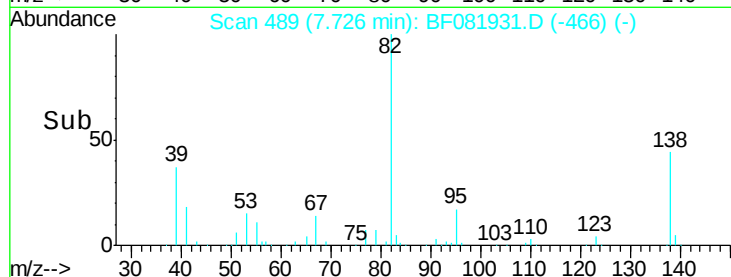
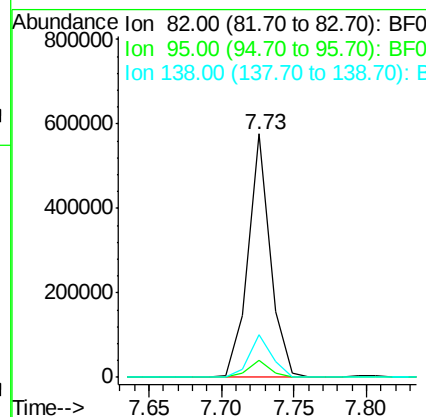
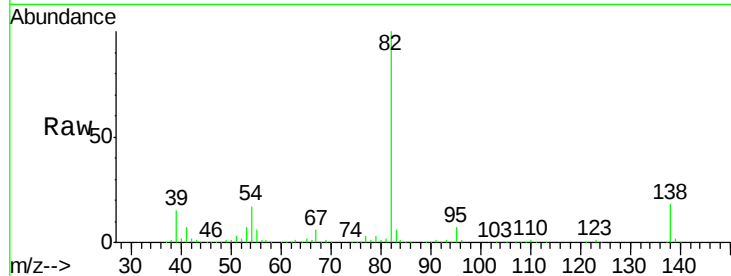
95 6.9 4.0 6.0#

138 17.8 18.3 27.5#

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apatel

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#26

2-Nitrophenol

Concen: 44.14 ng

RT: 7.81 min Scan# 496

Delta R.T. -0.03 min

Lab File: BF081931.D

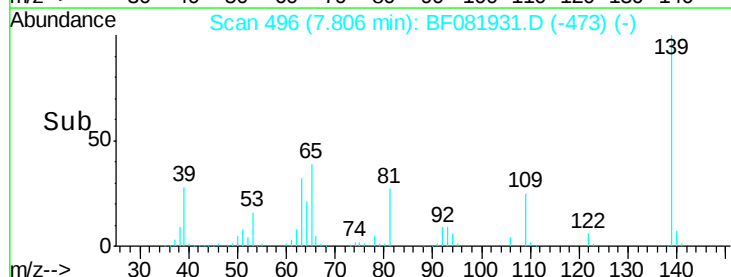
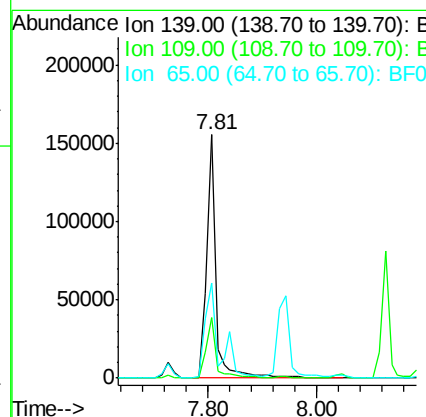
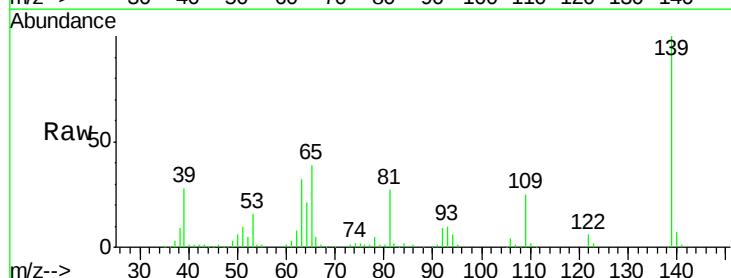
Acq: 1 Oct 2015 11:04

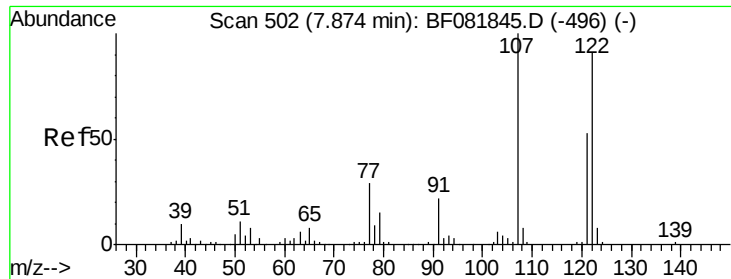
Tgt Ion: 139 Resp: 182135  
Ion Ratio Lower Upper

139 100

109 24.9 11.0 16.4#

65 39.2 24.7 37.1#





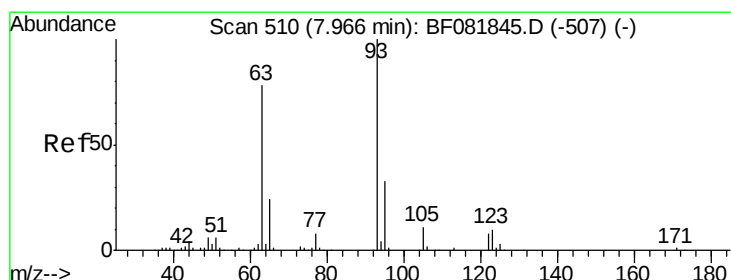
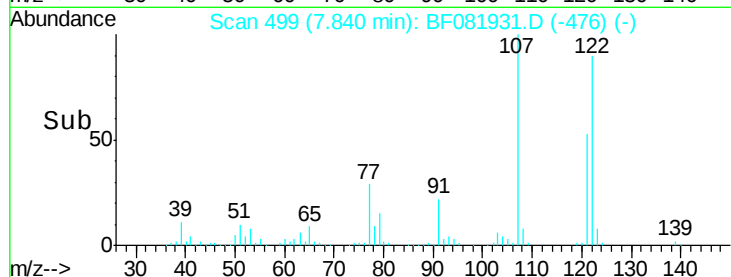
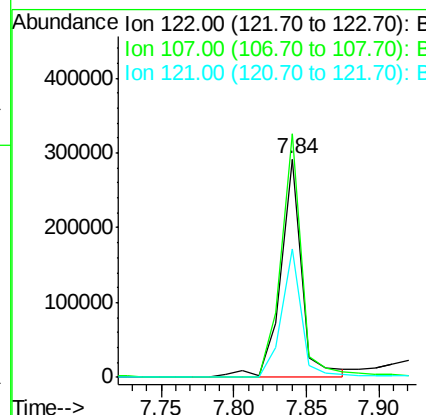
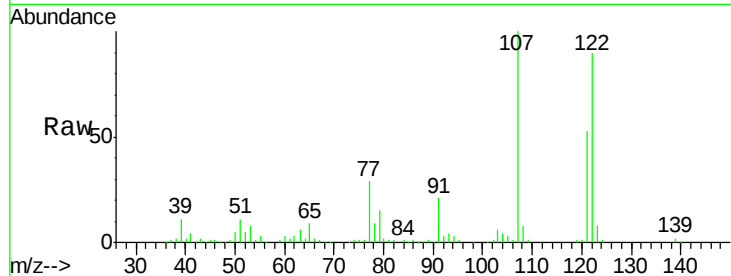
#27  
 2,4-Dimethylphenol  
 Concen: 40.49 ng  
 RT: 7.84 min Scan# 499  
 Delta R.T. -0.03 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDC040

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 122     | 100   | 293869 |        |       |
| 107     | 111.4 | 71.8   | 107.6# |       |
| 121     | 58.8  | 42.3   | 63.5   |       |

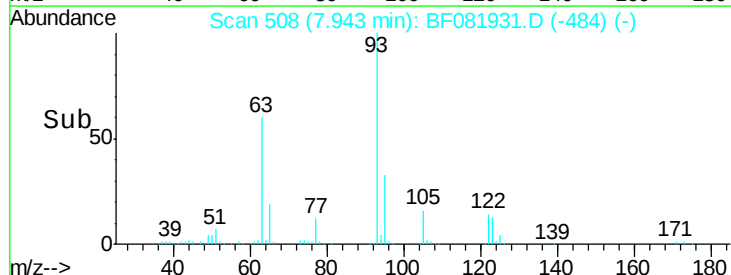
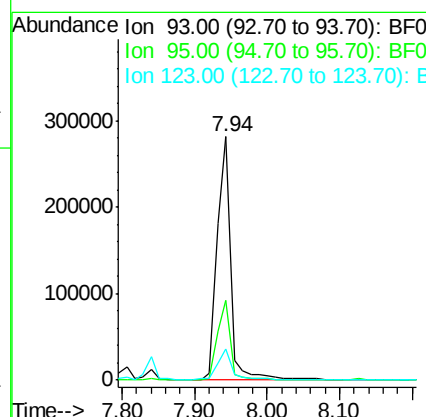
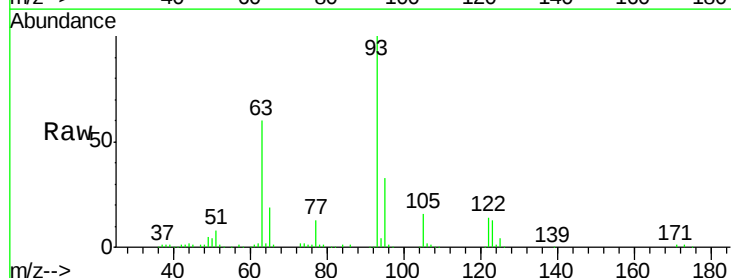
Manual Integrations  
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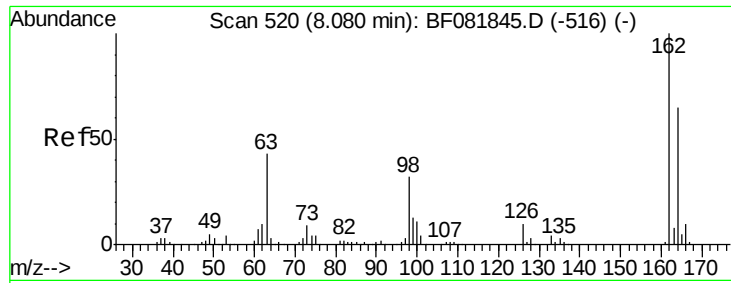
apatel  
 10/2/2015 9:01:02 AM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.93 ng  
 RT: 7.94 min Scan# 508  
 Delta R.T. -0.02 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 362735 |       |       |
| 95      | 32.9  | 27.5   | 41.3  |       |
| 123     | 12.9  | 13.7   | 20.5# |       |





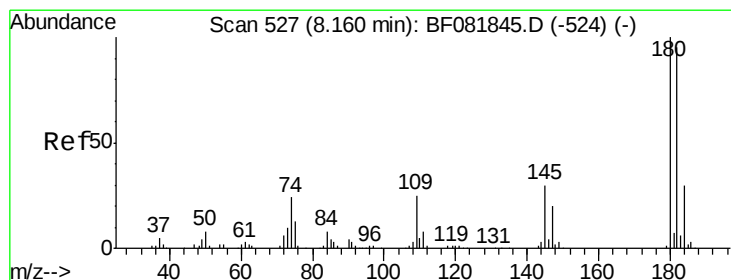
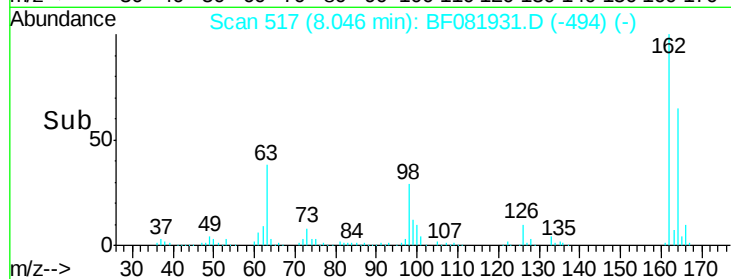
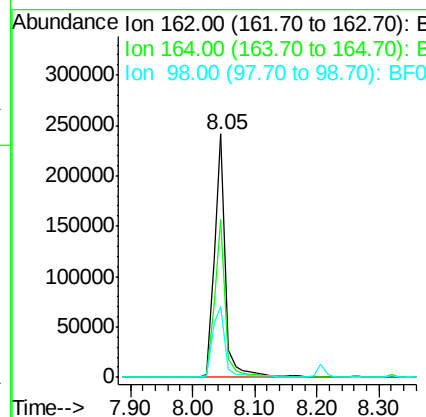
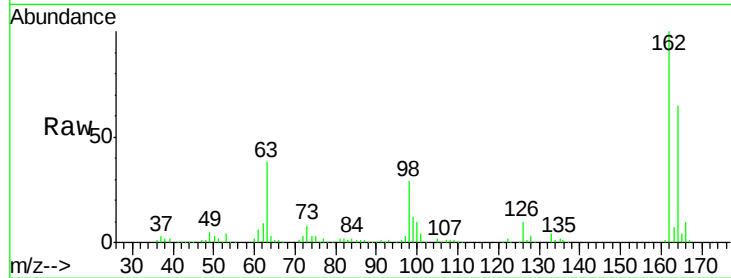
#29  
 2,4-Dichlorophenol  
 Concen: 41.96 ng  
 RT: 8.05 min Scan# 517  
 Delta R.T. -0.03 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 64.6  | 44.9       | 84.9       |
| 98      | 29.2  | 13.0       | 53.0       |

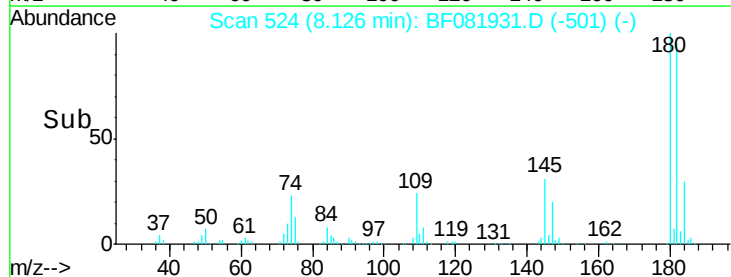
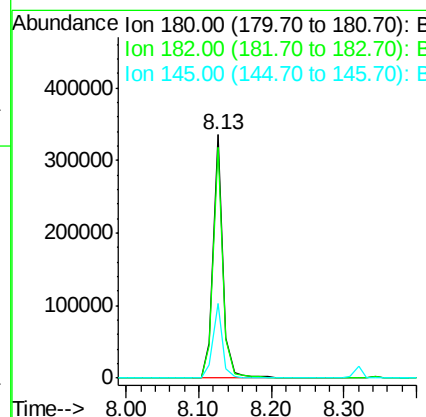
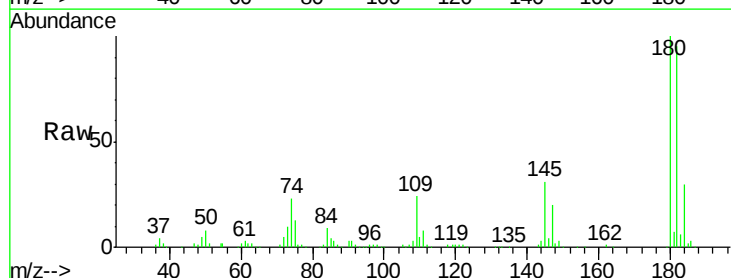
Manual Integrations  
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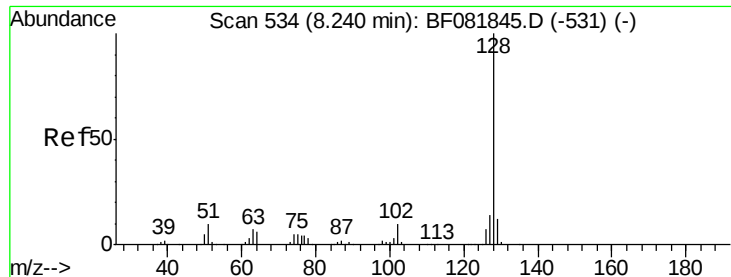
apatel  
 10/2/2015 9:01:02 AM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.04 ng  
 RT: 8.13 min Scan# 524  
 Delta R.T. -0.03 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 94.9  | 77.1       | 115.7      |
| 145     | 30.8  | 23.3       | 34.9       |





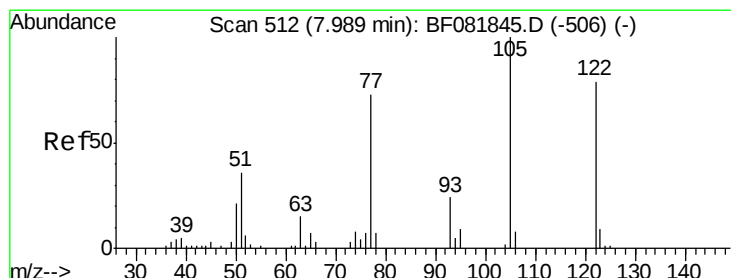
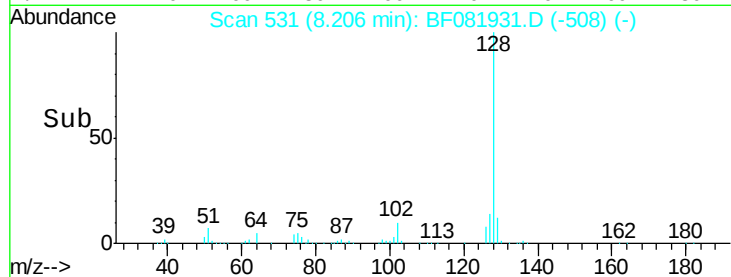
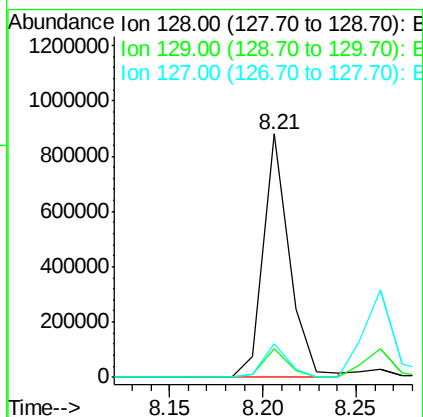
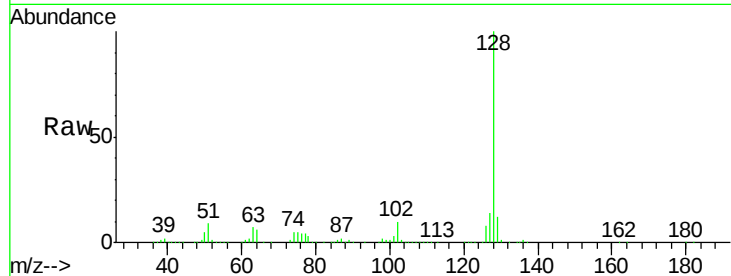
#31  
Naphthalene  
Concen: 36.32 ng  
RT: 8.21 min Scan# 531  
Delta R.T. -0.03 min  
Lab File: BF081931.D  
Acq: 1 Oct 2015 11:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 128     | 100   |            |            |
| 129     | 11.5  | 8.4        | 12.6       |
| 127     | 13.6  | 9.9        | 14.9       |

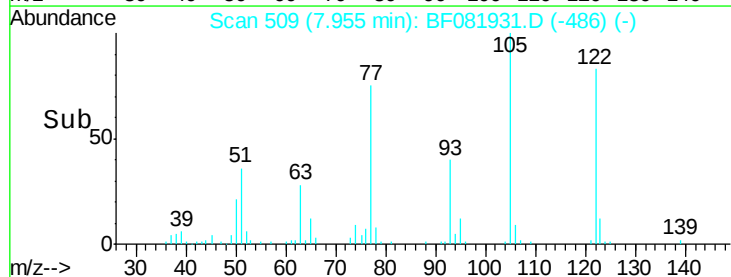
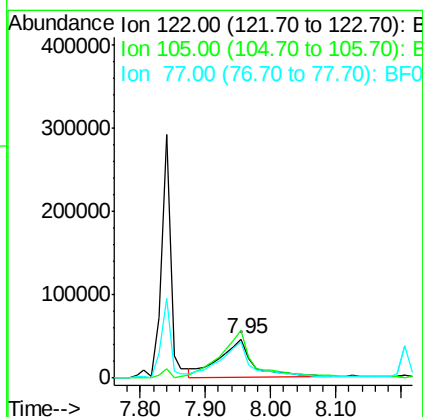
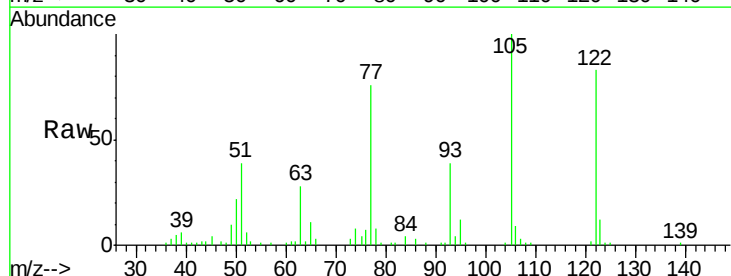
Manual Integrations  
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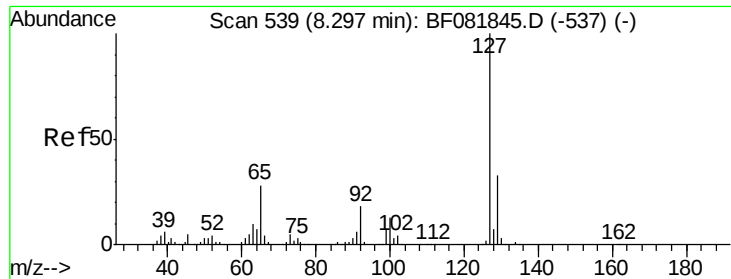
apatel  
10/2/2015 9:01:02 AM



#32  
Benzoic acid  
Concen: 39.32 ng  
RT: 7.95 min Scan# 509  
Delta R.T. -0.03 min  
Lab File: BF081931.D  
Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 122     | 100   |            |            |
| 105     | 121.2 | 76.1       | 116.1#     |
| 77      | 91.9  | 40.5       | 80.5#      |





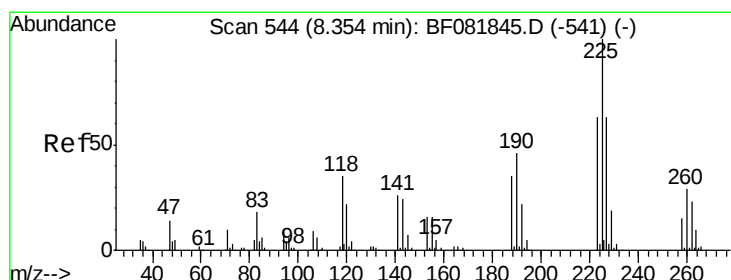
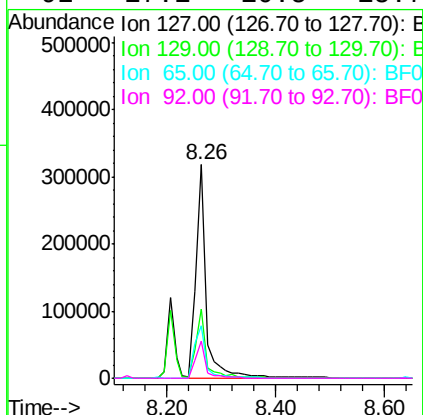
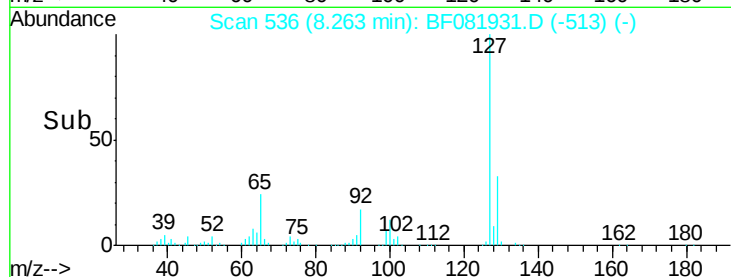
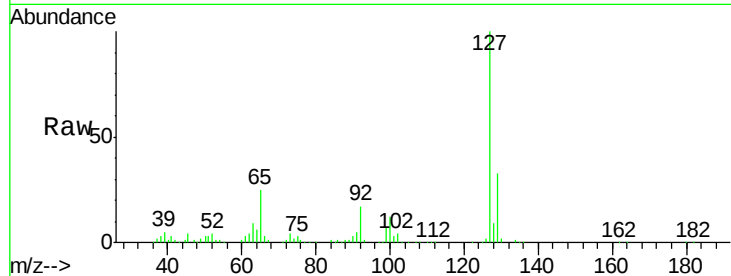
#33  
4-Chloroaniline  
Concen: 39.75 ng  
RT: 8.26 min Scan# 536  
Delta R.T. -0.03 min  
Lab File: BF081931.D  
Acq: 1 Oct 2015 11:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 32.5  | 25.8 | 38.6  |       |
| 65      | 24.9  | 17.9 | 26.9  |       |
| 92      | 17.1  | 10.5 | 15.7  |       |

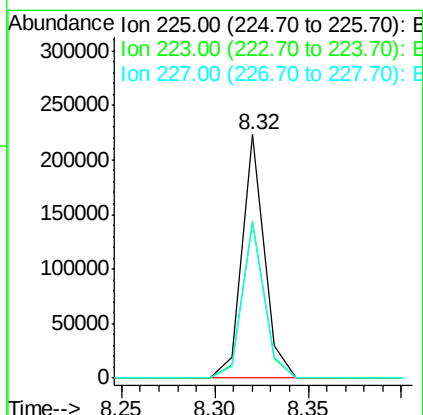
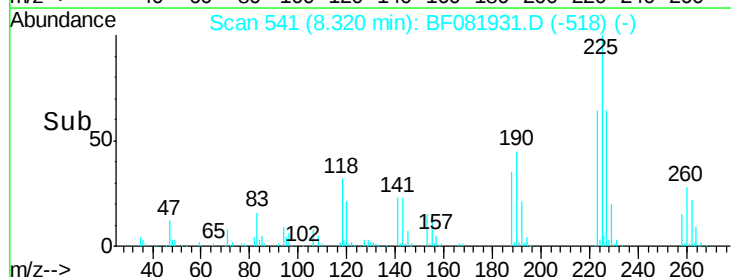
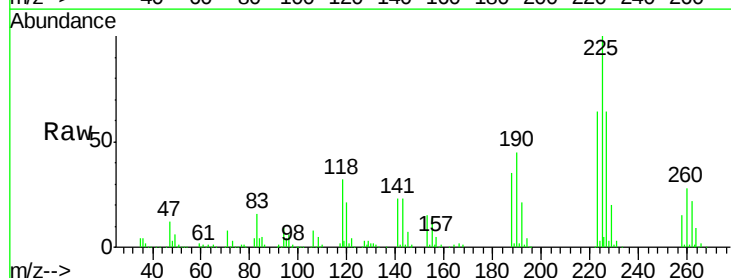
Manual Integrations  
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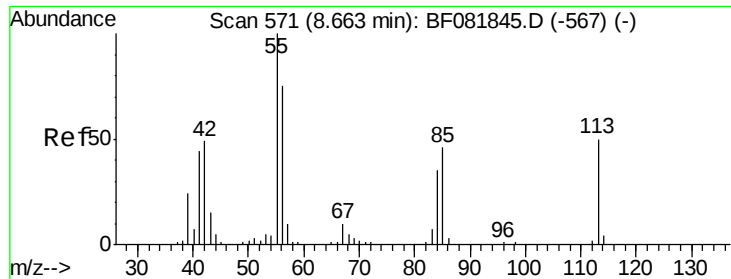
apatel  
10/2/2015 9:01:02 AM



#34  
Hexachlorobutadiene  
Concen: 40.22 ng  
RT: 8.32 min Scan# 541  
Delta R.T. -0.03 min  
Lab File: BF081931.D  
Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 64.3  | 50.2 | 75.2  |       |
| 227     | 63.8  | 52.2 | 78.2  |       |





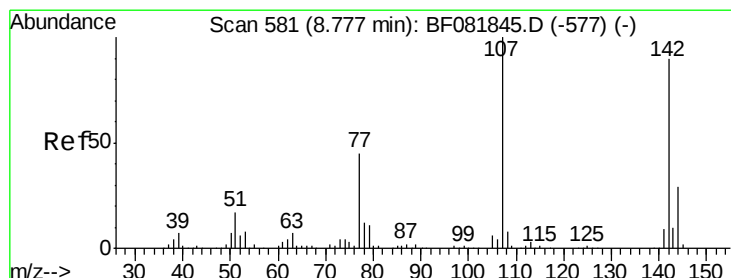
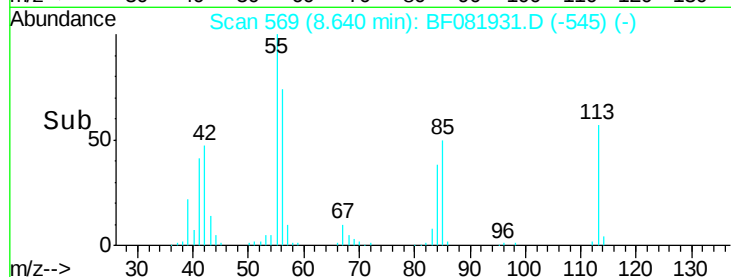
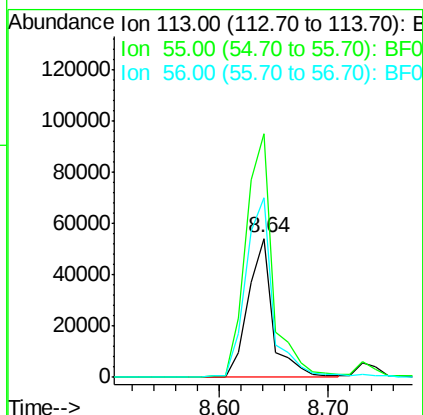
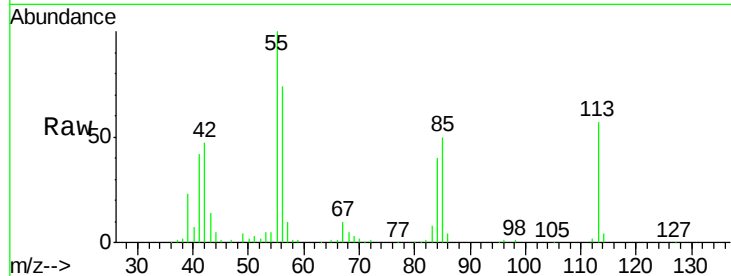
#35  
 Caprolactam  
 Concen: 44.14 ng  
 RT: 8.64 min Scan# 569  
 Delta R.T. -0.02 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:113 Resp: 86007  
 Ion Ratio Lower Upper  
 113 100  
 55 174.8 152.4 192.4  
 56 128.7 104.6 144.6

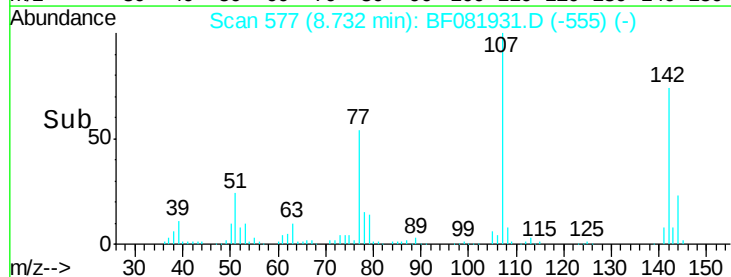
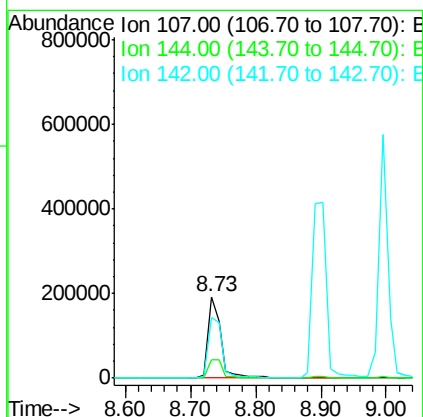
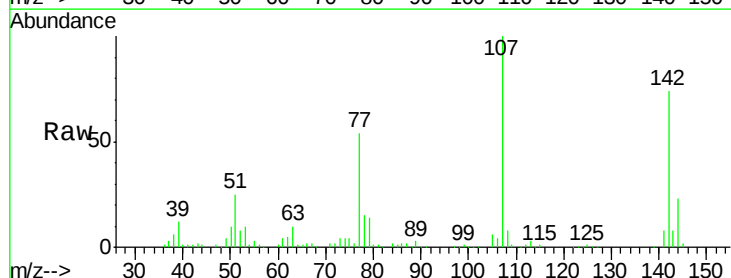
Manual Integrations  
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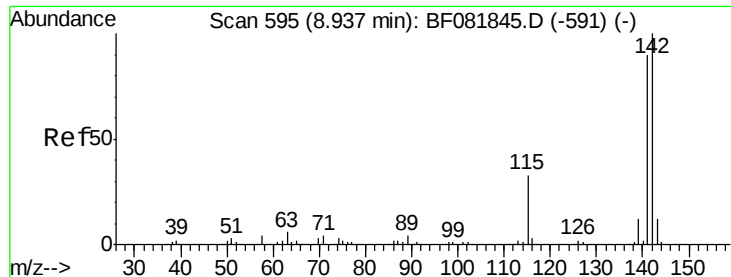
apatel  
 10/2/2015 9:01:02 AM



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.30 ng  
 RT: 8.73 min Scan# 577  
 Delta R.T. -0.05 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

Tgt Ion:107 Resp: 270456  
 Ion Ratio Lower Upper  
 107 100  
 144 23.1 25.4 38.0#  
 142 73.8 77.3 115.9#





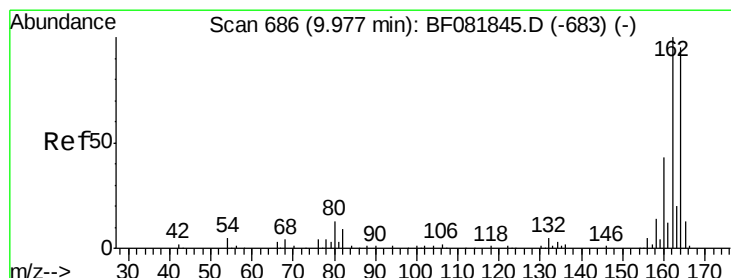
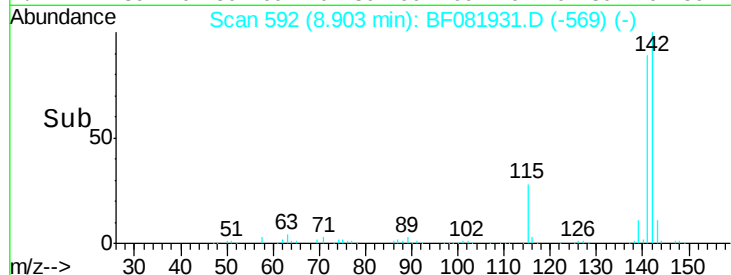
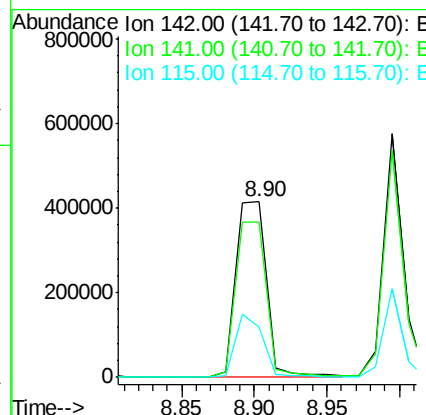
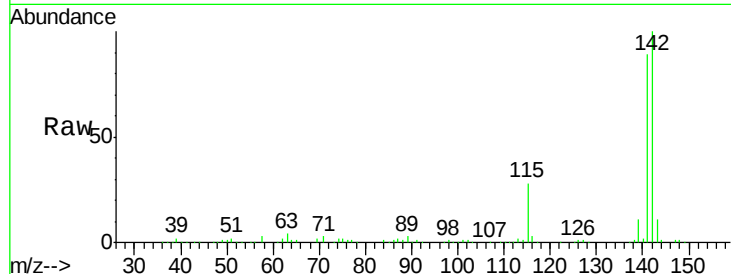
#37  
 2-Methylnaphthalene  
 Concen: 38.19 ng  
 RT: 8.90 min Scan# 592  
 Delta R.T. -0.03 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 142     | 100   |            |            |
| 141     | 88.9  | 67.5       | 101.3      |
| 115     | 28.4  | 18.2       | 27.2       |

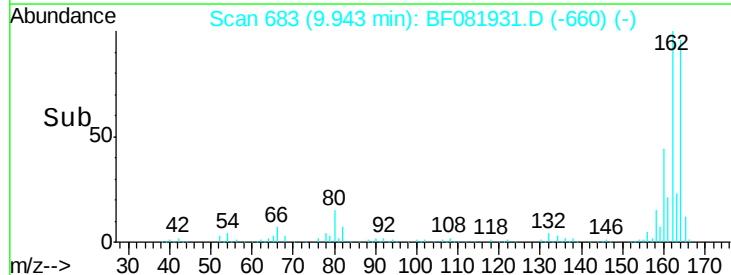
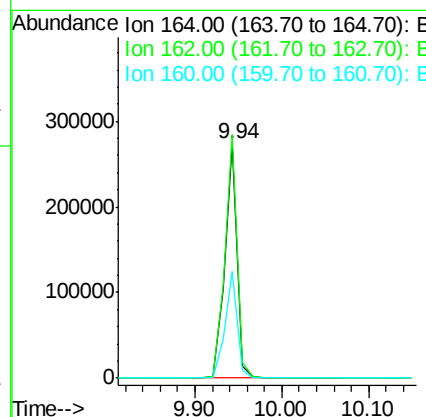
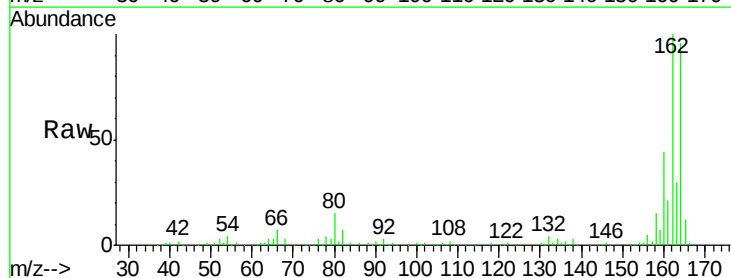
Manual Integrations  
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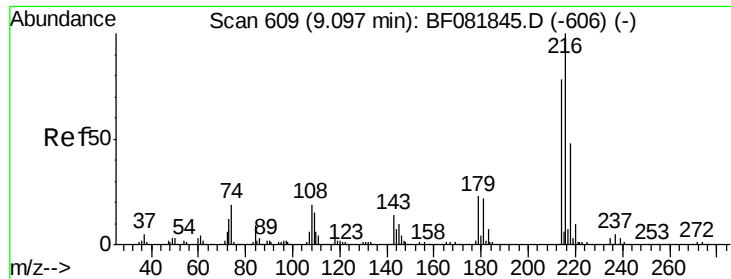
apatel  
 10/2/2015 9:01:02 AM



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.94 min Scan# 683  
 Delta R.T. -0.03 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 164     | 100   |            |            |
| 162     | 104.0 | 75.2       | 112.8      |
| 160     | 45.4  | 31.5       | 47.3       |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.09 ng

RT: 9.06 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF081931.D

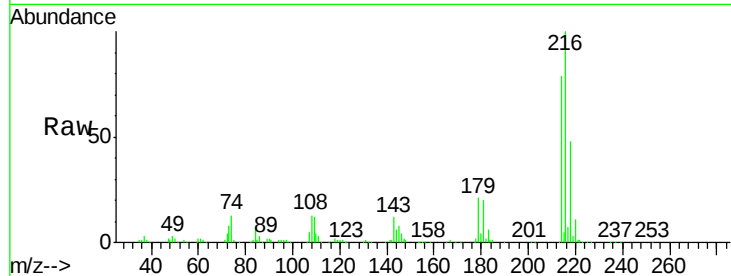
Acq: 1 Oct 2015 11:04

Instrument :

BNA\_F

ClientSampleId :

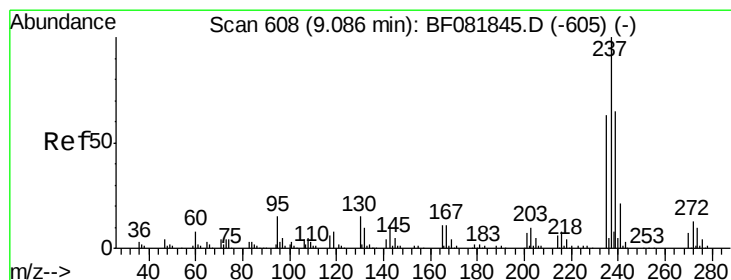
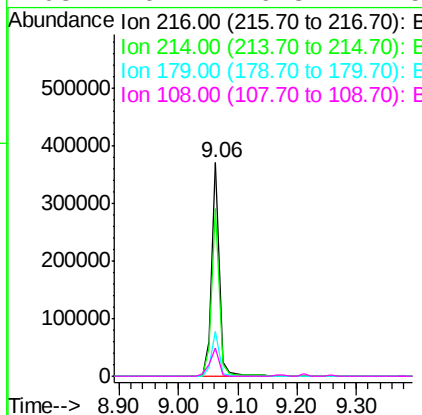
SSTDCCC040



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.2  | 63.5  | 95.3  |
| 179     | 21.1  | 16.6  | 24.8  |
| 108     | 16.7  | 16.3  | 24.5  |

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#40

Hexachlorocyclopentadiene

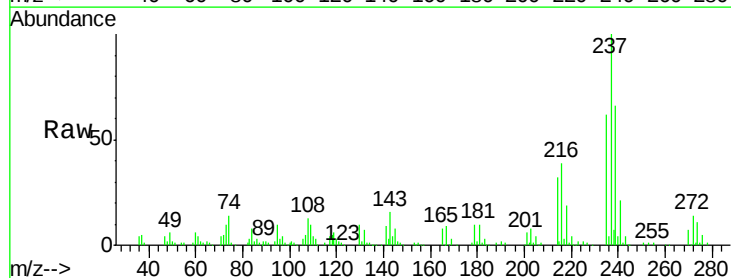
Concen: 39.19 ng

RT: 9.05 min Scan# 605

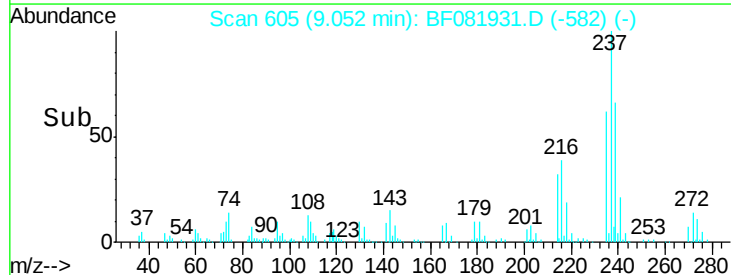
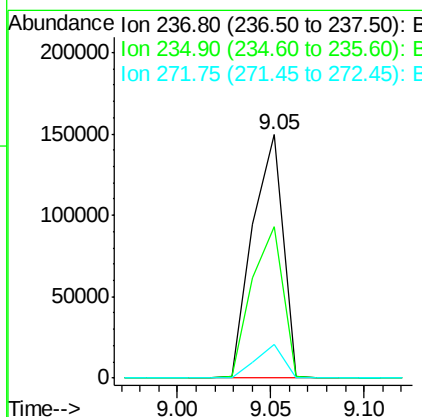
Delta R.T. -0.03 min

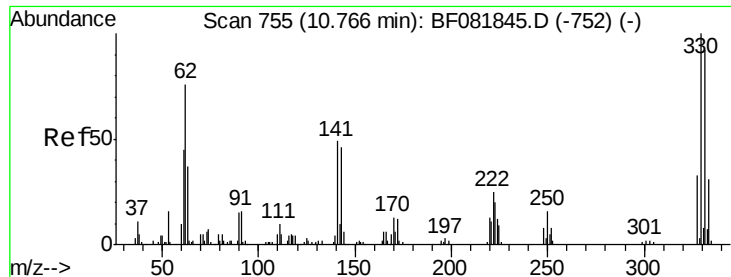
Lab File: BF081931.D

Acq: 1 Oct 2015 11:04



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 62.2  | 42.0  | 82.0  |
| 272     | 13.9  | 0.0   | 36.1  |





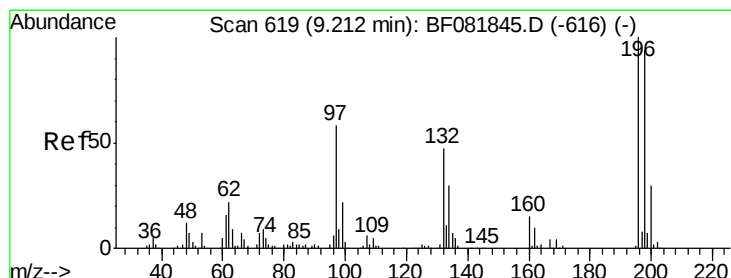
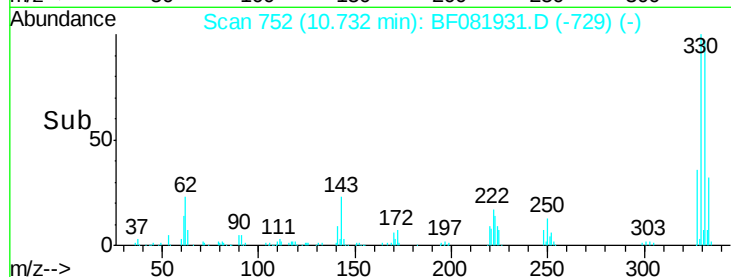
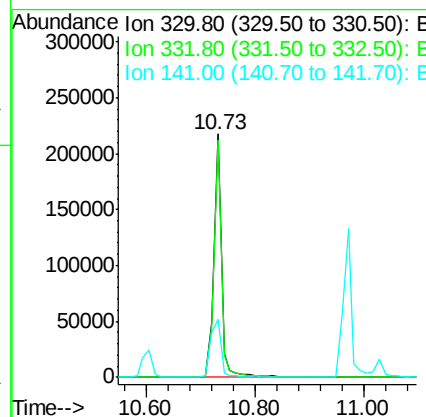
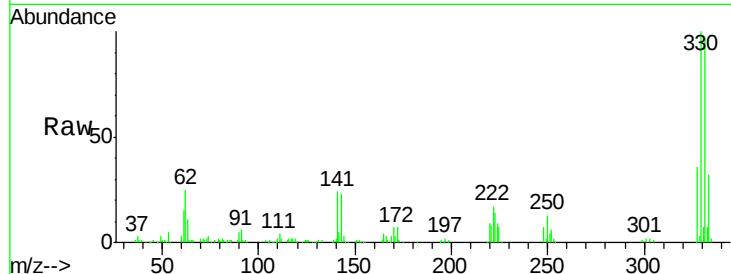
#41  
 2,4,6-Tribromophenol  
 Concen: 76.87 ng  
 RT: 10.73 min Scan# 752  
 Delta R.T. -0.03 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 212968 |       |       |
| 332     | 96.6  | 76.6   | 114.8 |       |
| 141     | 32.6  | 29.7   | 44.5  |       |

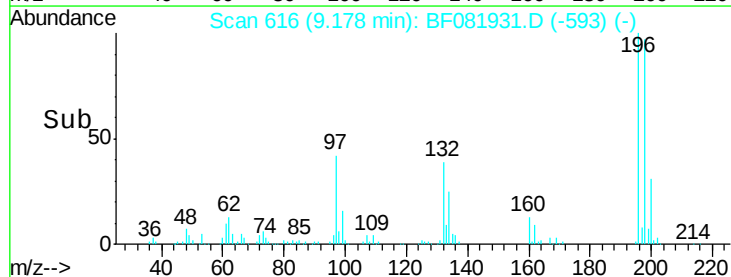
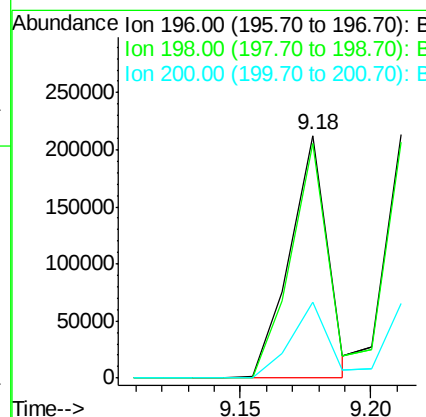
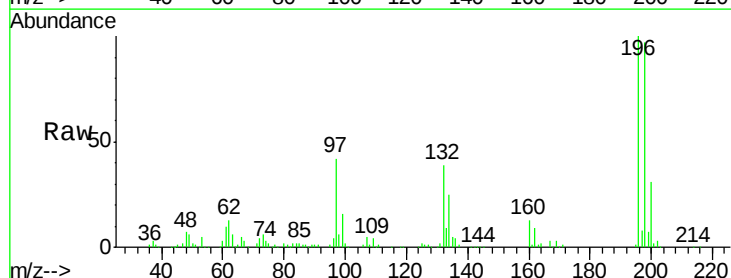
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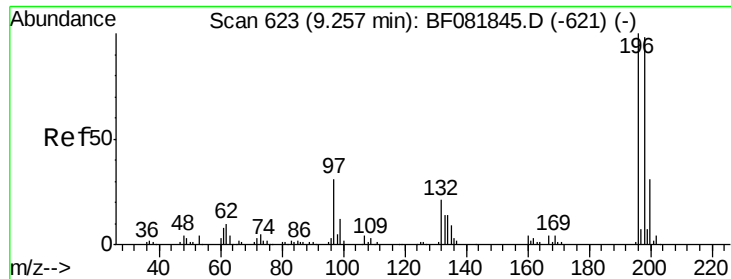
apatel  
 10/2/2015 9:01:02 AM



#42  
 2,4,6-Trichlorophenol  
 Concen: 36.73 ng  
 RT: 9.18 min Scan# 616  
 Delta R.T. -0.03 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 211473 |       |       |
| 198     | 96.6  | 75.7   | 113.5 |       |
| 200     | 31.3  | 23.9   | 35.9  |       |





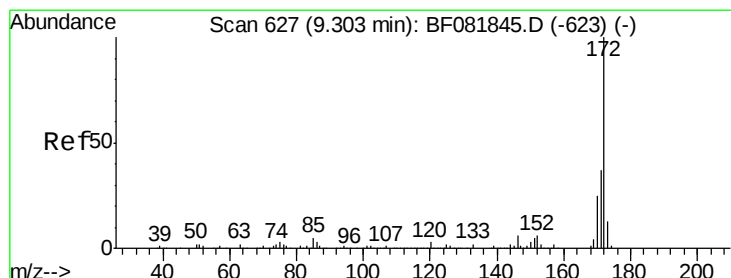
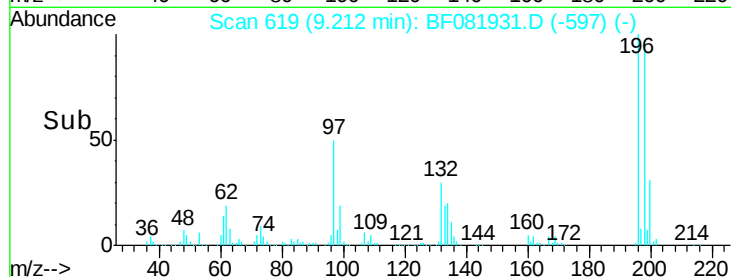
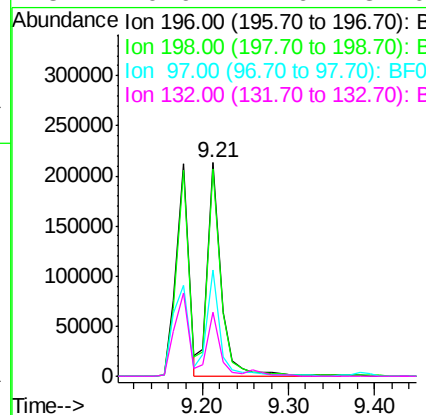
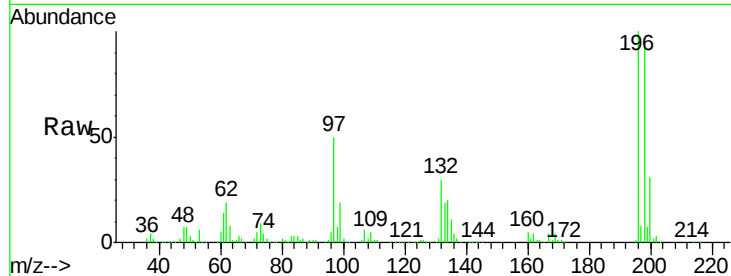
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.64 ng m  
 RT: 9.21 min Scan# 619  
 Delta R.T. -0.05 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 240584 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.9  | 75.4  | 113.0  |
| 97        | 49.9  | 33.3  | 49.9   |
| 132       | 29.9  | 24.6  | 37.0   |

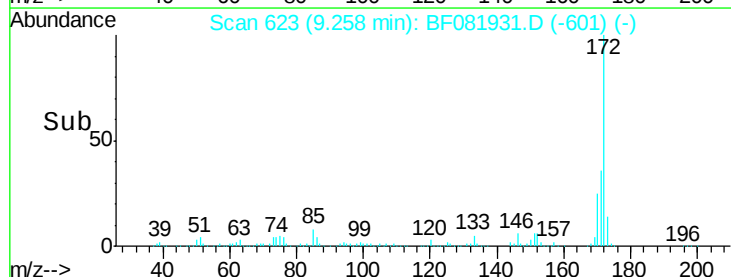
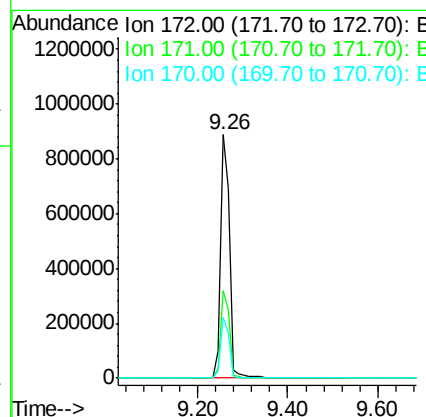
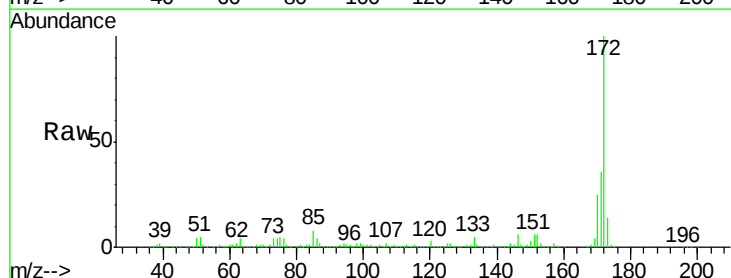
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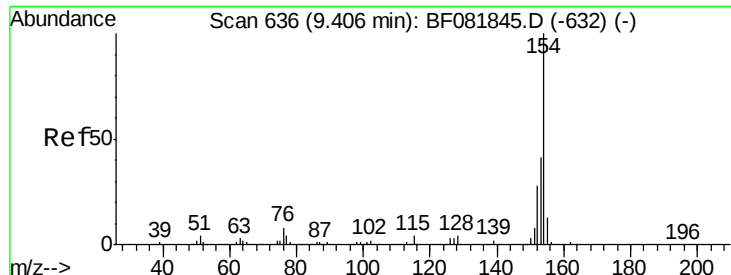
apatel  
 10/2/2015 9:01:02 AM



#44  
 2-Fluorobiphenyl  
 Concen: 71.99 ng  
 RT: 9.26 min Scan# 623  
 Delta R.T. -0.05 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 172   | Resp: | 1212453 |
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 36.1  | 26.1  | 39.1    |
| 170       | 24.7  | 17.4  | 26.2    |





#45

1,1'-Biphenyl

Concen: 35.29 ng

RT: 9.36 min Scan# 632

Delta R.T. -0.05 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

Instrument :

BNA\_F

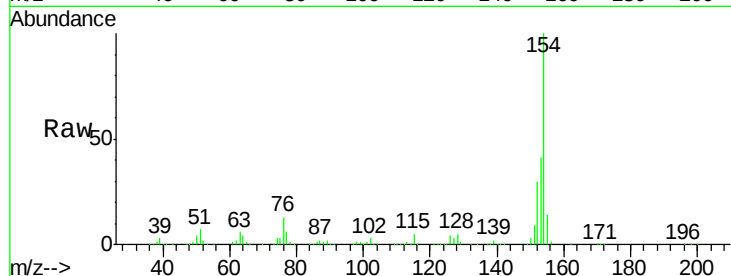
ClientSampleId :

SSTDCCC040

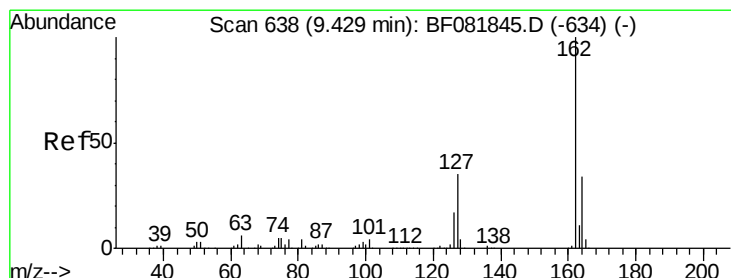
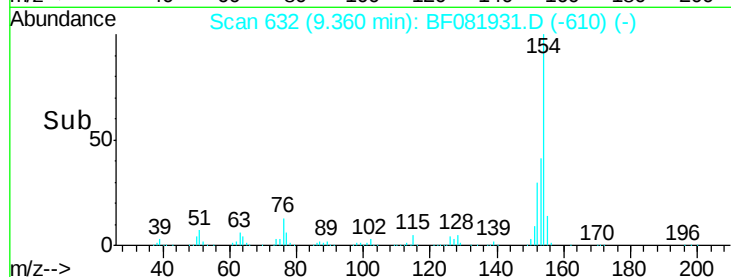
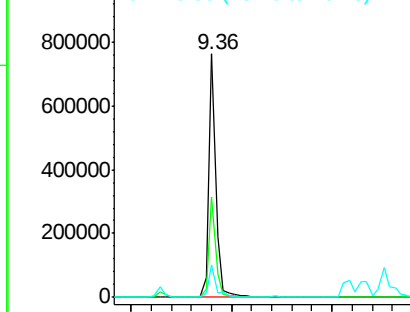
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 744749 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.3  | 17.1  | 57.1   |
| 76        | 13.3  | 0.0   | 31.6   |

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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: 36.22 ng

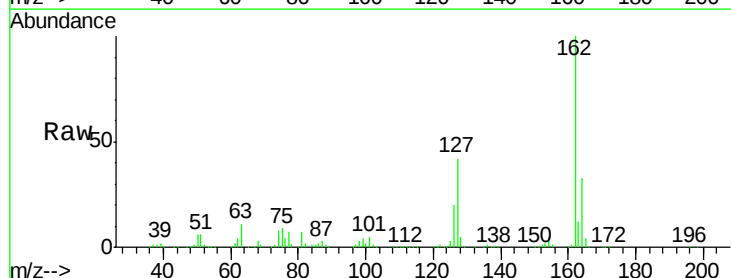
RT: 9.38 min Scan# 634

Delta R.T. -0.05 min

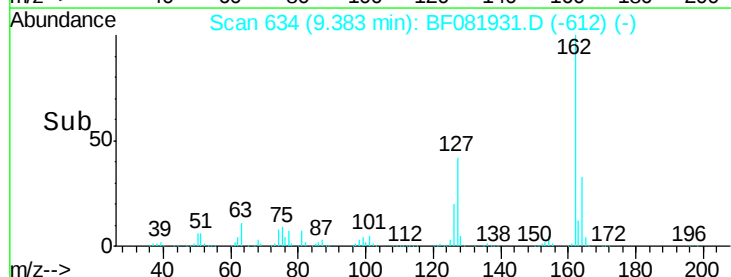
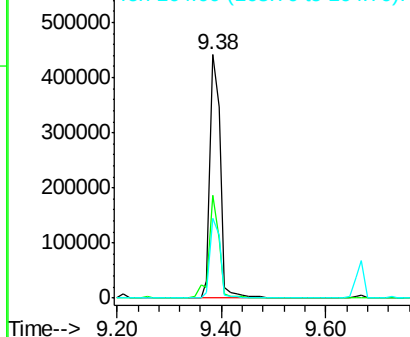
Lab File: BF081931.D

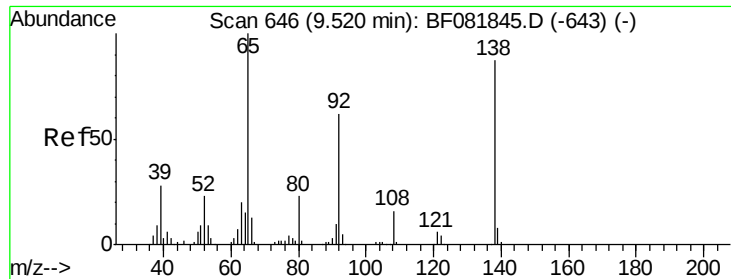
Acq: 1 Oct 2015 11:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 600212 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 42.2  | 27.6  | 41.4#  |
| 164       | 32.8  | 25.4  | 38.2   |



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





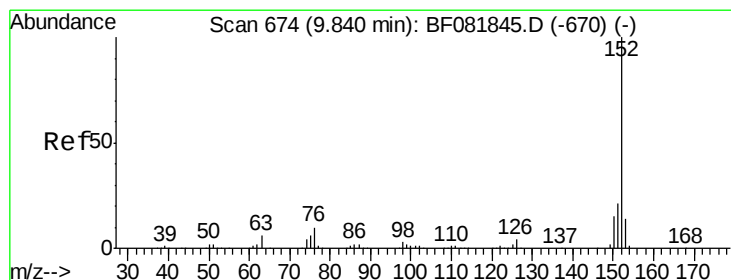
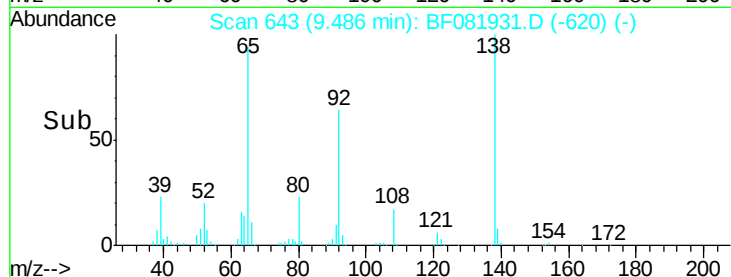
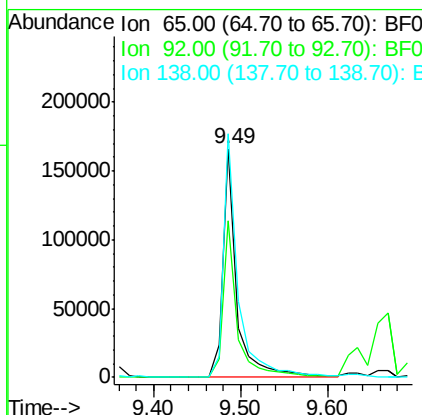
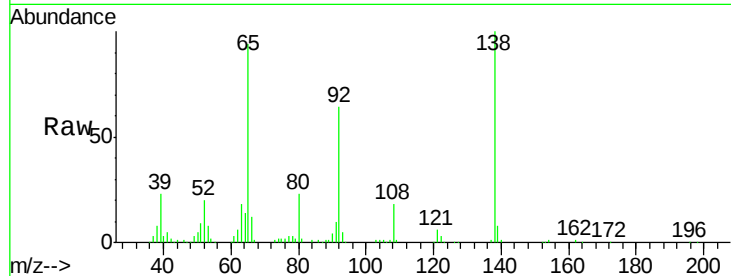
#47  
2-Nitroaniline  
Concen: 38.75 ng  
RT: 9.49 min Scan# 643  
Delta R.T. -0.03 min  
Lab File: BF081931.D  
Acq: 1 Oct 2015 11:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 68.5  | 55.4  | 83.0   |
| 138     | 106.6 | 115.5 | 173.3# |

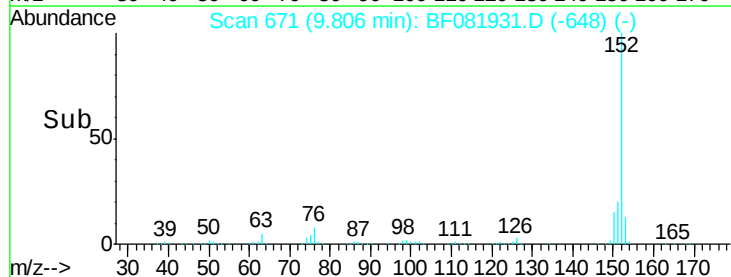
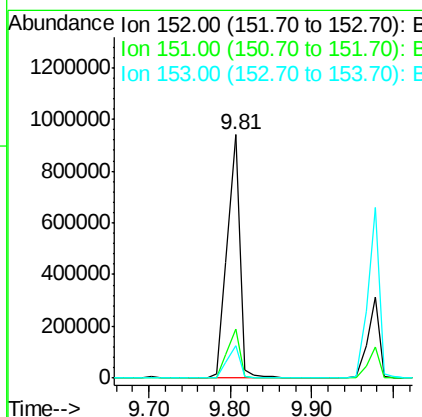
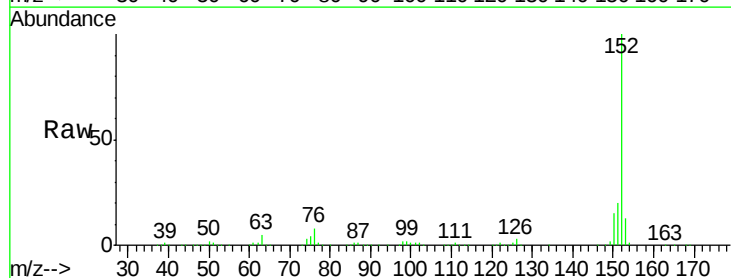
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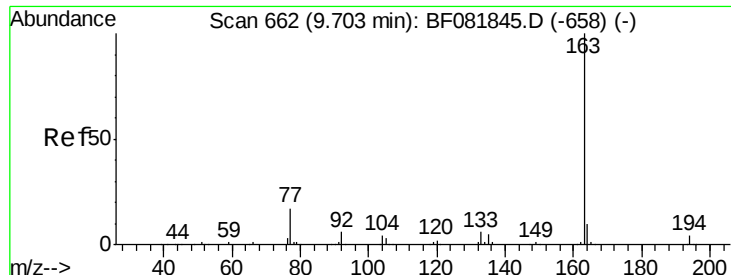
apatel  
10/2/2015 9:01:02 AM



#48  
Acenaphthylene  
Concen: 37.99 ng  
RT: 9.81 min Scan# 671  
Delta R.T. -0.03 min  
Lab File: BF081931.D  
Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.3  | 14.6  | 22.0  |
| 153     | 13.4  | 10.3  | 15.5  |





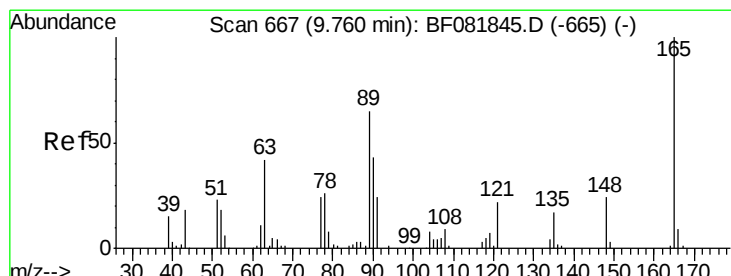
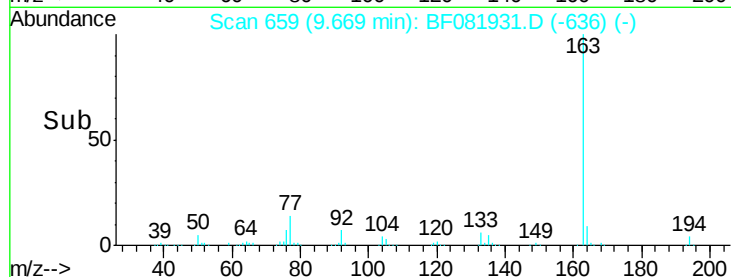
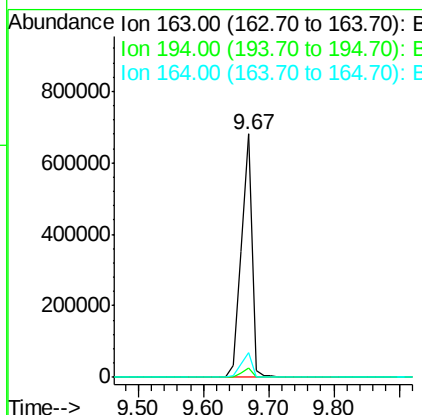
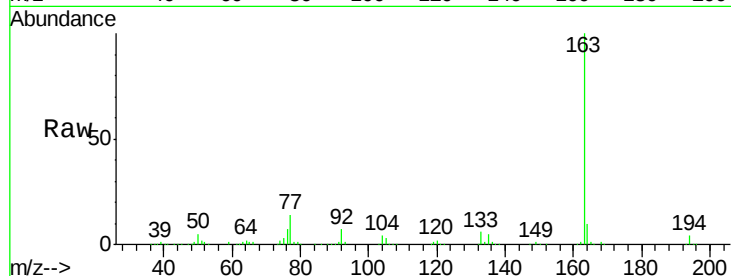
#49  
Dimethylphthalate  
Concen: 40.08 ng  
RT: 9.67 min Scan# 659  
Delta R.T. -0.03 min  
Lab File: BF081931.D  
Acq: 1 Oct 2015 11:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:163 Resp: 756826  
Ion Ratio Lower Upper  
163 100  
194 3.7 4.4 6.6#  
164 10.1 8.3 12.5

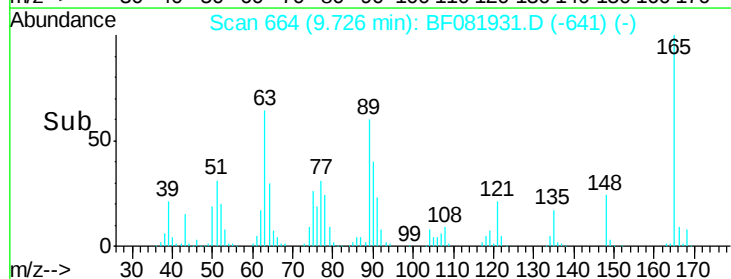
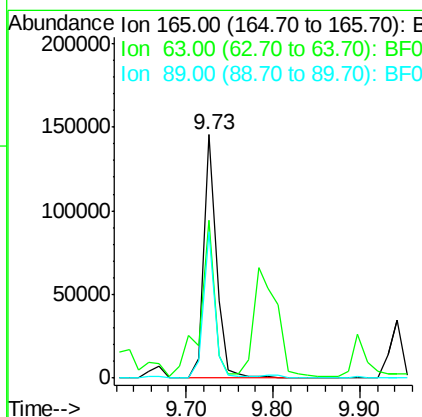
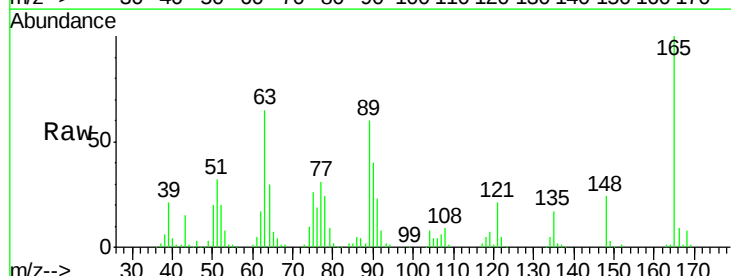
Manual Integrations  
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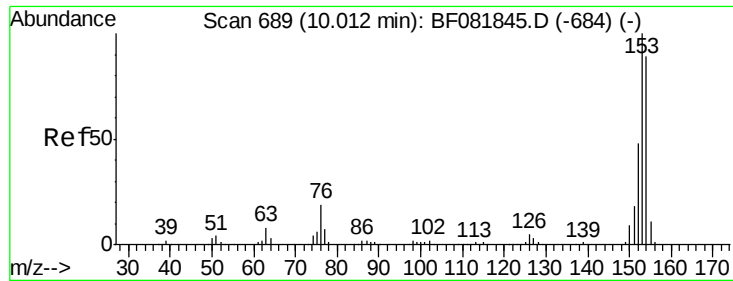
apatel  
10/2/2015 9:01:02 AM



#50  
2,6-Dinitrotoluene  
Concen: 36.10 ng  
RT: 9.73 min Scan# 664  
Delta R.T. -0.03 min  
Lab File: BF081931.D  
Acq: 1 Oct 2015 11:04

Tgt Ion:165 Resp: 147999  
Ion Ratio Lower Upper  
165 100  
63 64.7 32.3 48.5#  
89 60.2 28.6 43.0#





#51

Acenaphthene

Concen: 39.48 ng

RT: 9.98 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF081931.D

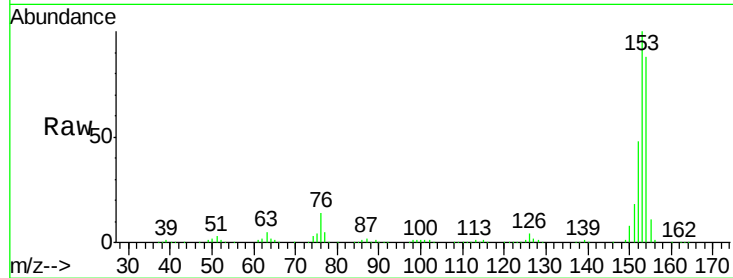
Acq: 1 Oct 2015 11:04

Instrument :

BNA\_F

ClientSampleId :

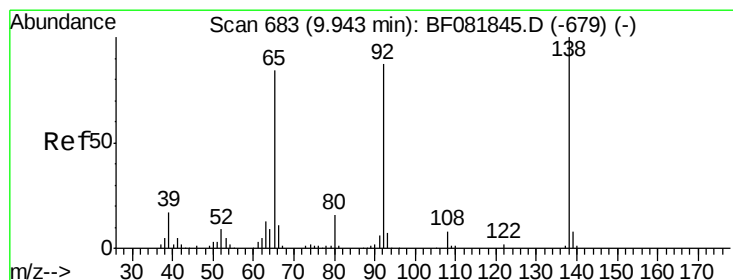
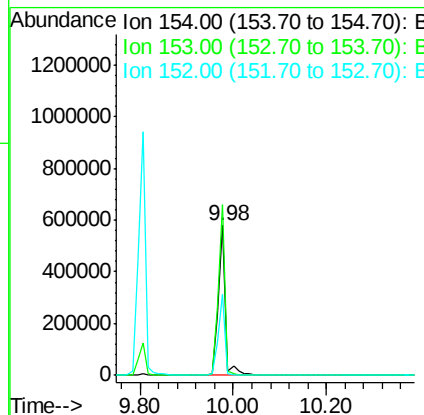
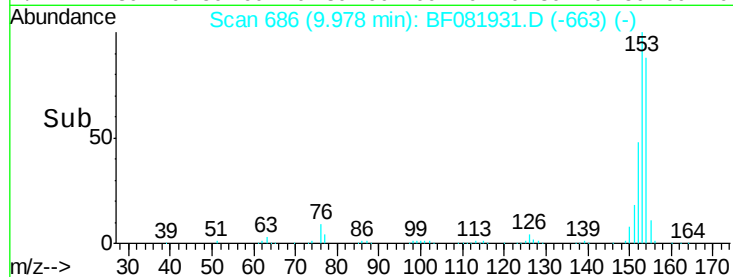
SSTDCCC040



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 621831 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 114.1 | 82.1  | 123.1  |
| 152       | 54.6  | 37.9  | 56.9   |

Manual Integrations  
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apatel  
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#52

3-Nitroaniline

Concen: 38.75 ng

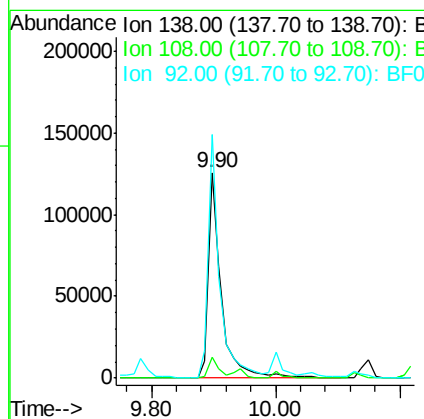
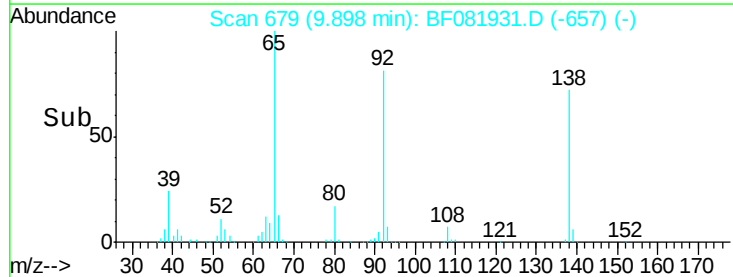
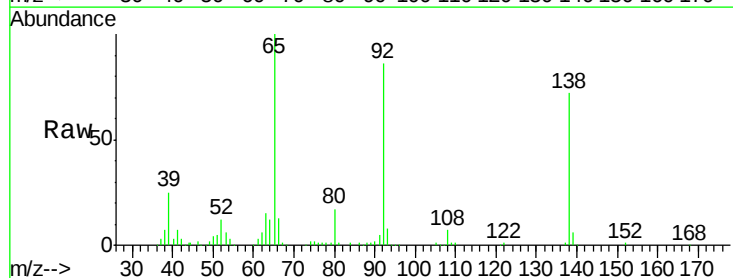
RT: 9.90 min Scan# 679

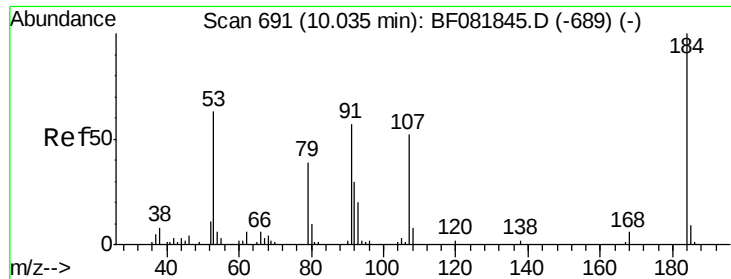
Delta R.T. -0.05 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 183782 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 10.0  | 5.7   | 8.5#   |
| 92        | 118.4 | 67.7  | 101.5# |





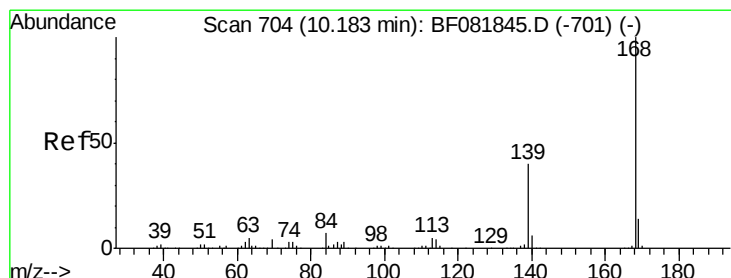
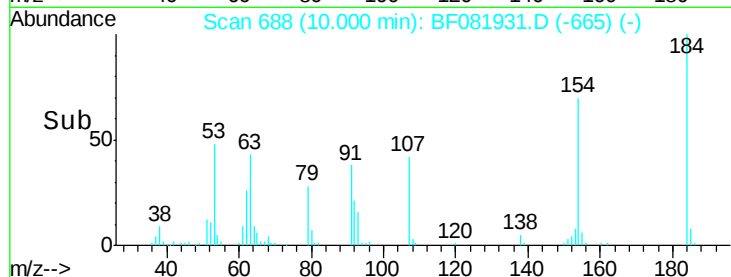
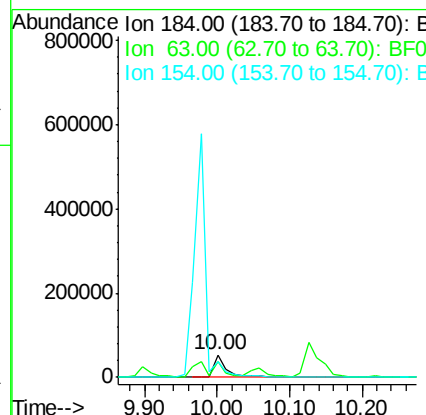
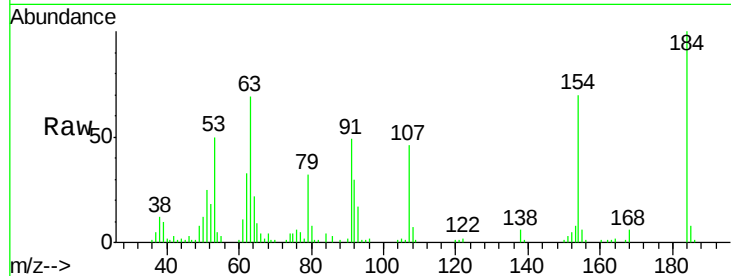
#53  
2,4-Dinitrophenol  
Concen: 48.05 ng  
RT: 10.00 min Scan# 688  
Delta R.T. -0.03 min  
Lab File: BF081931.D  
Acq: 1 Oct 2015 11:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 69450 |       |       |
| 63      | 68.5  | 35.4  | 53.2# |       |
| 154     | 70.5  | 32.2  | 48.4# |       |

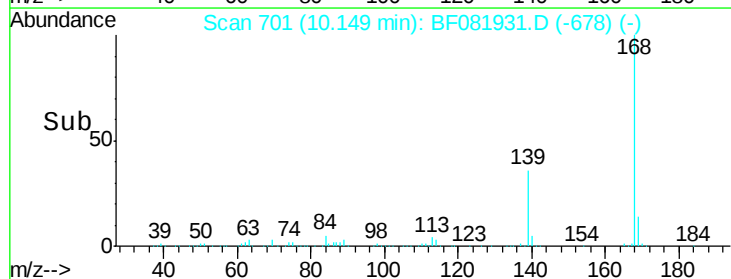
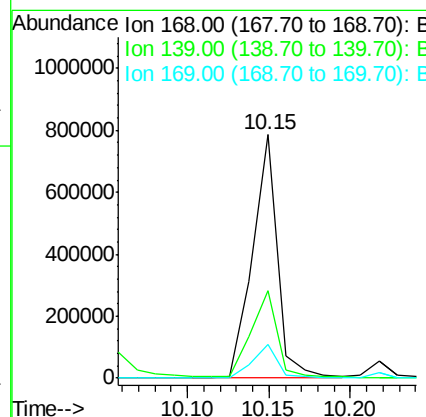
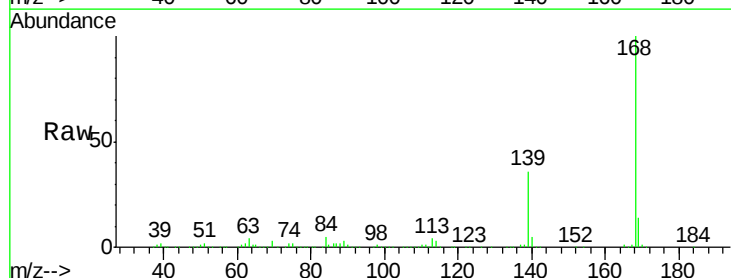
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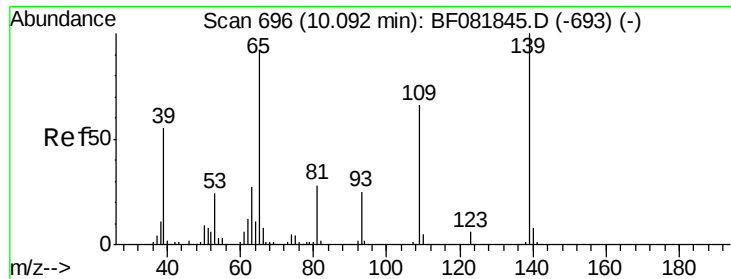
apatel  
10/2/2015 9:01:02 AM



#54  
Dibenzofuran  
Concen: 37.55 ng  
RT: 10.15 min Scan# 701  
Delta R.T. -0.03 min  
Lab File: BF081931.D  
Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 835670 |       |       |
| 139     | 35.8  | 24.2   | 36.2  |       |
| 169     | 13.6  | 10.6   | 15.8  |       |





#55

4-Nitrophenol

Concen: 36.58 ng

RT: 10.06 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

Instrument :

BNA\_F

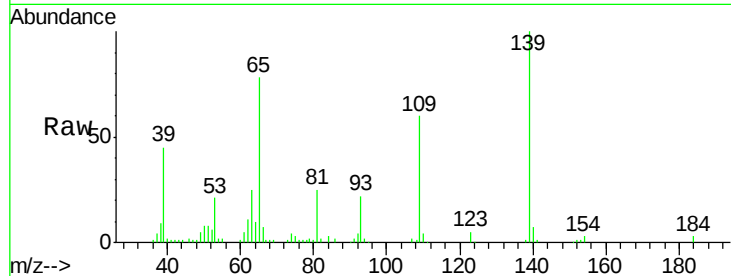
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 125366 |       |       |
| 109     | 59.8  | 12.7   | 52.7# |       |
| 65      | 78.2  | 45.9   | 85.9  |       |

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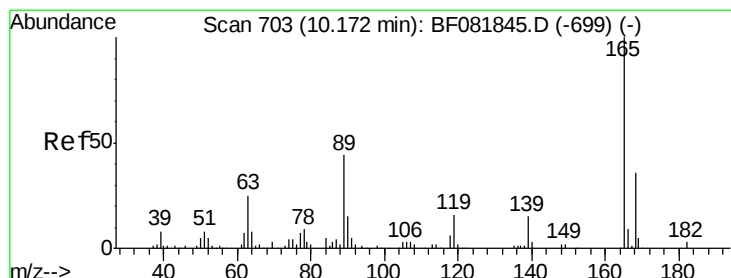
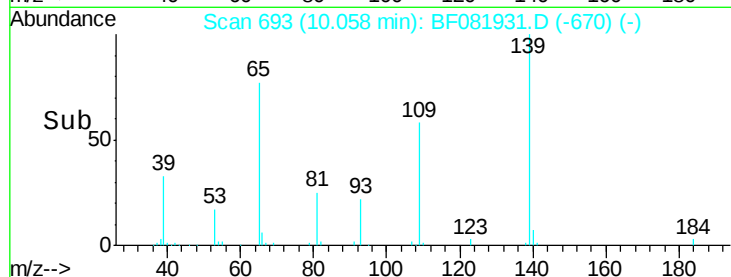
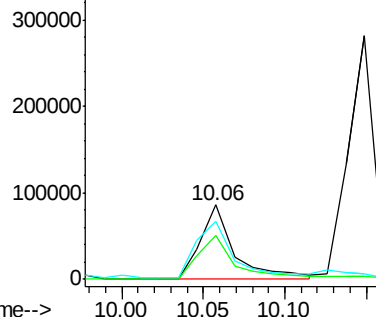
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 38.75 ng

RT: 10.13 min Scan# 699

Delta R.T. -0.05 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

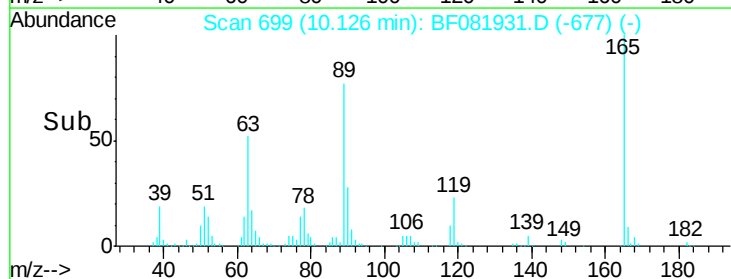
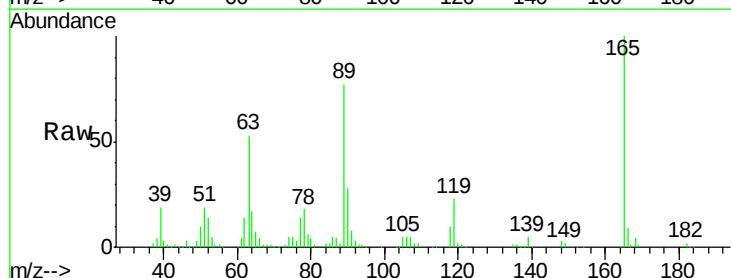
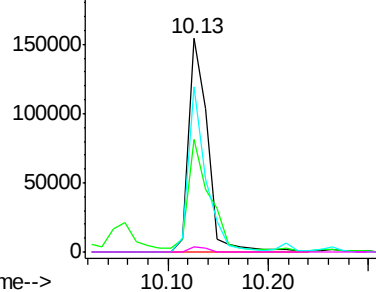
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 202504 |       |       |
| 63      | 52.8  | 29.8   | 44.6# |       |
| 89      | 77.4  | 44.5   | 66.7# |       |
| 182     | 2.2   | 3.0    | 4.4#  |       |

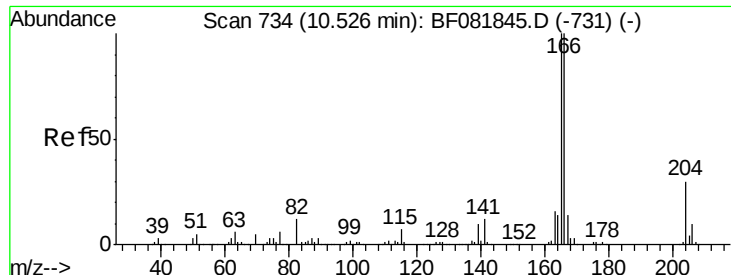
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





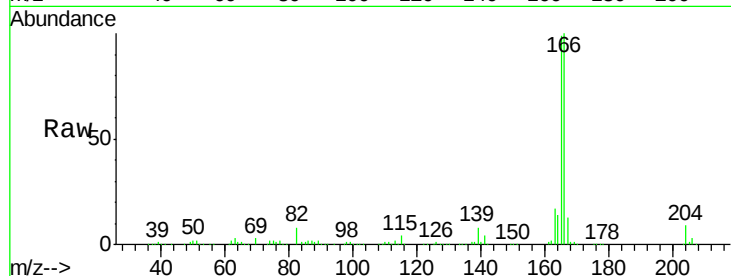
#57  
 Fluorene  
 Concen: 41.48 ng  
 RT: 10.49 min Scan# 731  
 Delta R.T. -0.03 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 662896 |       |       |
| 165     | 98.6  | 72.6   | 109.0 |       |
| 167     | 13.3  | 10.6   | 16.0  |       |

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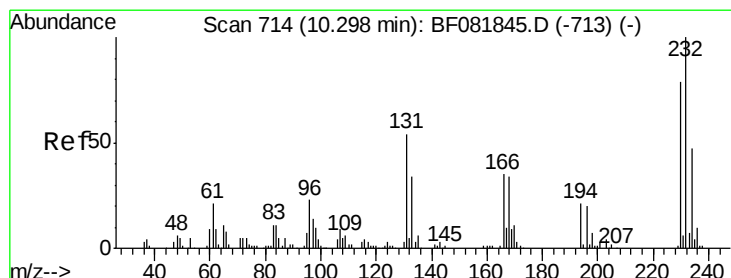
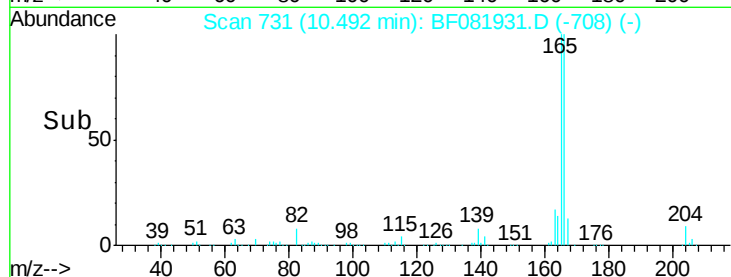
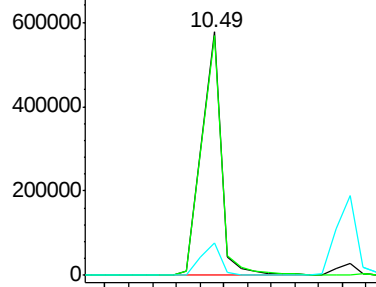


Abundance

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: 43.14 ng  
 RT: 10.26 min Scan# 711  
 Delta R.T. -0.03 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 202602 |       |       |
| 131     | 40.6  | 38.5   | 57.7  |       |
| 130     | 1.9   | 1.8    | 2.6   |       |
| 166     | 27.9  | 25.0   | 37.6  |       |

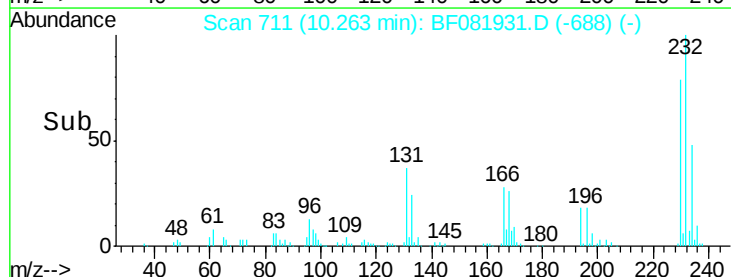
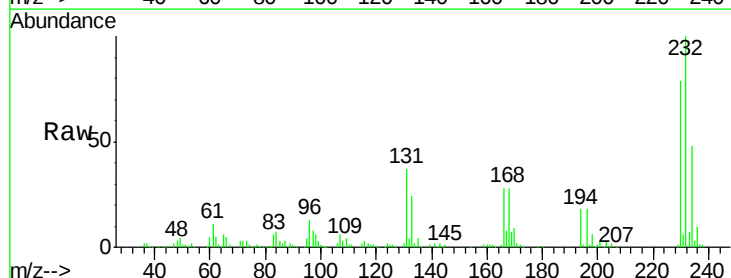
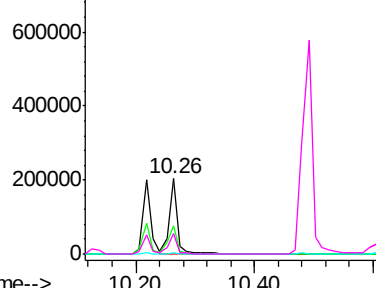
Abundance

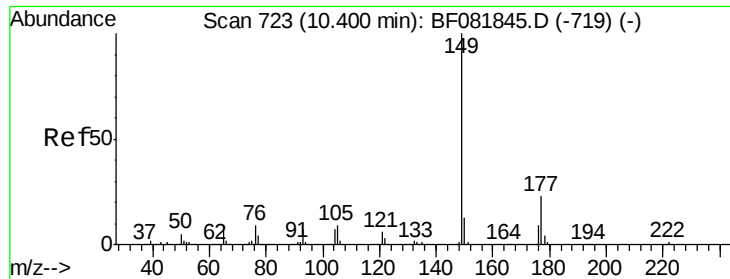
Ion 232.00 (231.70 to 232.70): E

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





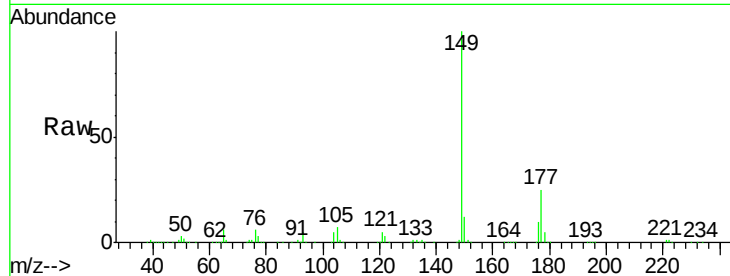
#59  
Diethylphthalate  
Concen: 39.40 ng  
RT: 10.37 min Scan# 720  
Delta R.T. -0.03 min  
Lab File: BF081931.D  
Acq: 1 Oct 2015 11:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

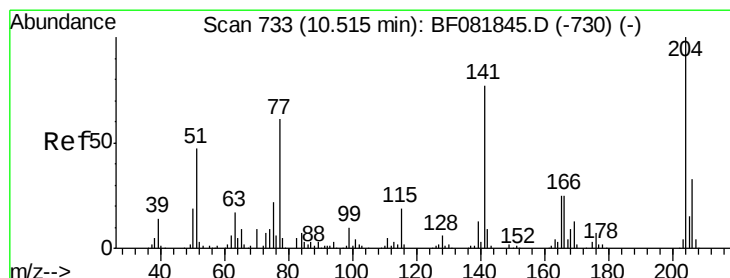
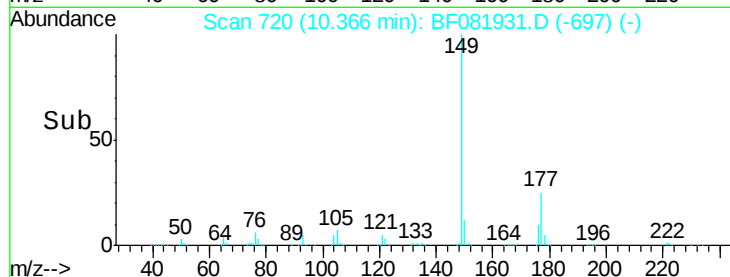
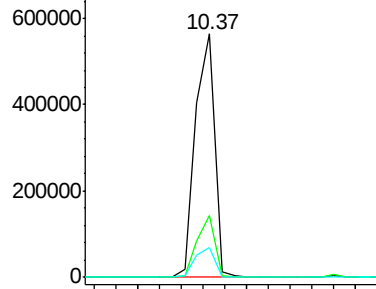
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 694930 |       |       |
| 177     | 25.2  | 17.5   | 26.3  |       |
| 150     | 12.3  | 9.4    | 14.2  |       |

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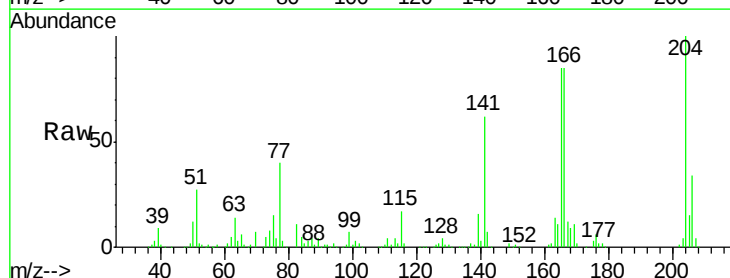


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

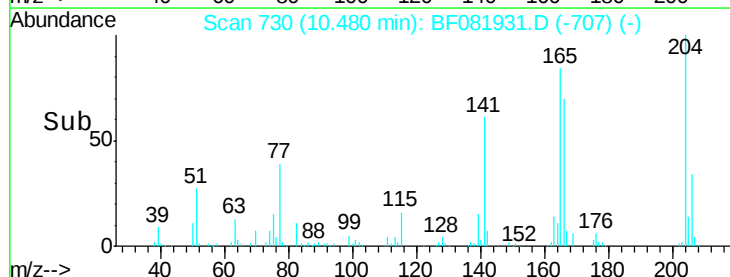
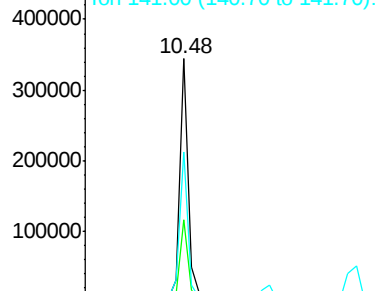


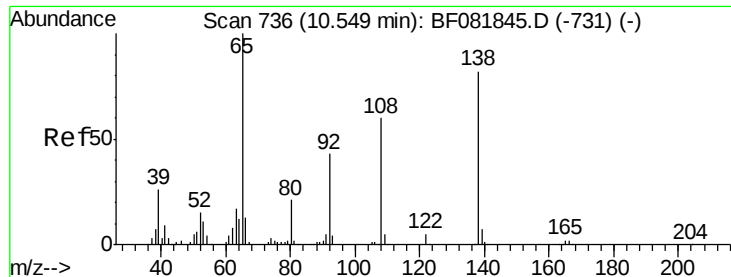
#60  
4-Chlorophenyl-phenylether  
Concen: 38.17 ng  
RT: 10.48 min Scan# 730  
Delta R.T. -0.03 min  
Lab File: BF081931.D  
Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 311064 |       |       |
| 206     | 34.0  | 24.8   | 37.2  |       |
| 141     | 61.7  | 42.2   | 63.4  |       |



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: 38.69 ng

RT: 10.51 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF081931.D

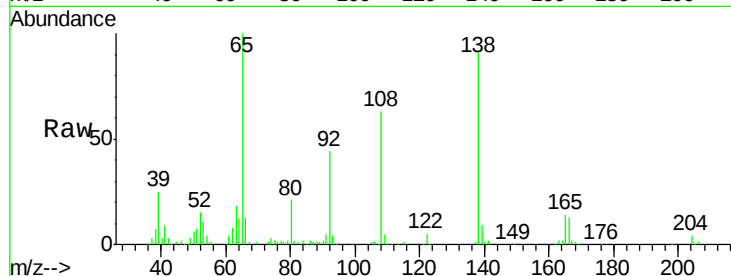
Acq: 1 Oct 2015 11:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 138 Resp: 183983

Ion Ratio Lower Upper

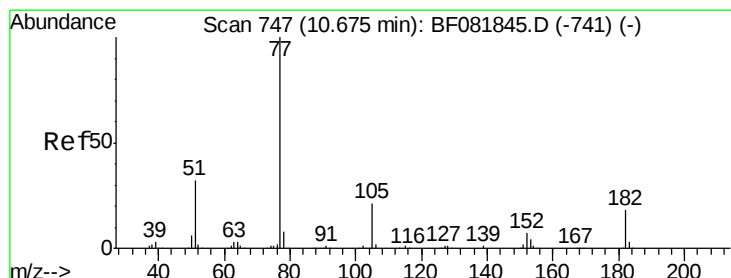
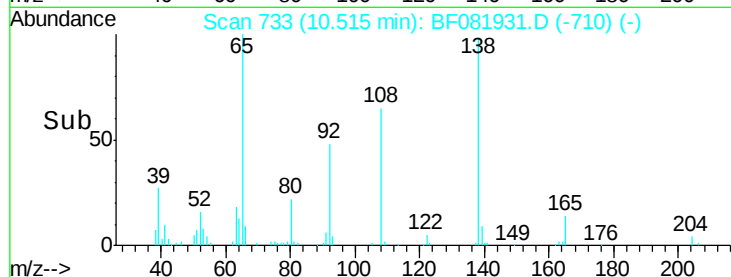
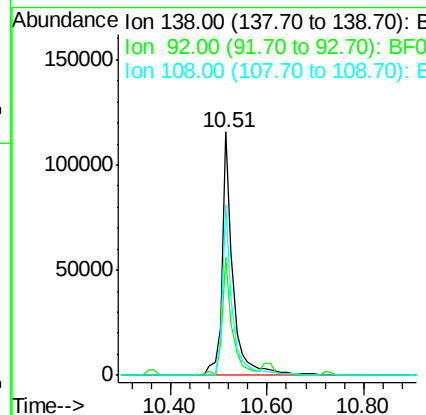
138 100

92 48.7 12.6 52.6

108 69.9 12.4 52.4#

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#62

Azobenzene

Concen: 38.97 ng

RT: 10.64 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

Tgt Ion: 77 Resp: 670780

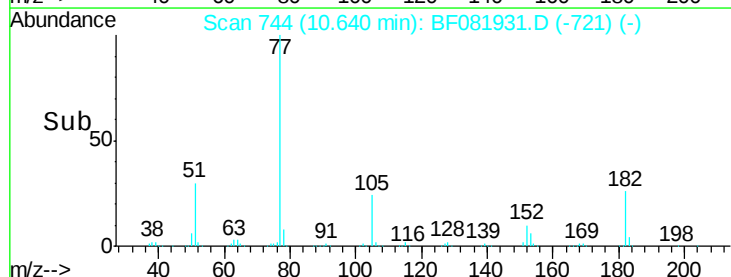
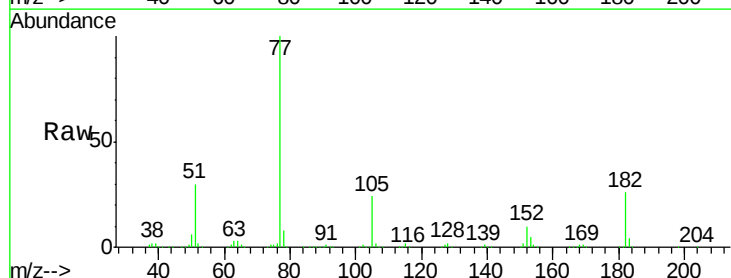
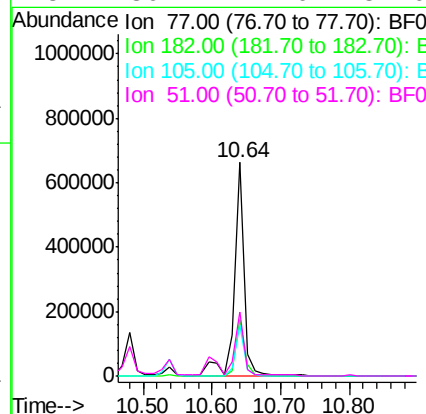
Ion Ratio Lower Upper

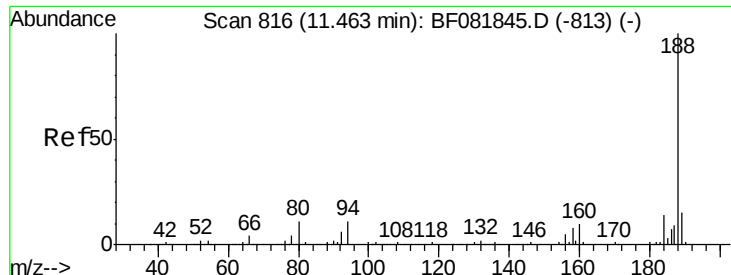
77 100

182 26.3 15.1 55.1

105 24.0 3.4 43.4

51 30.1 12.0 52.0





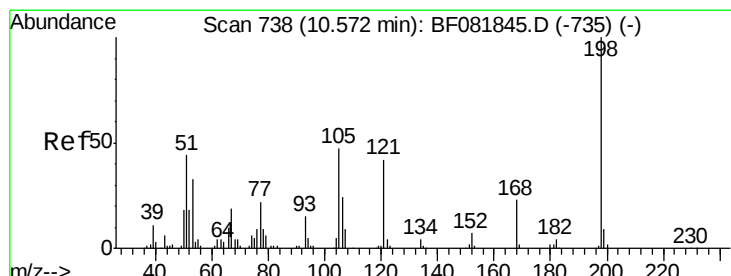
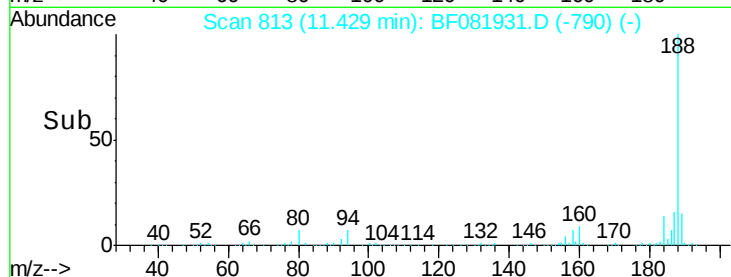
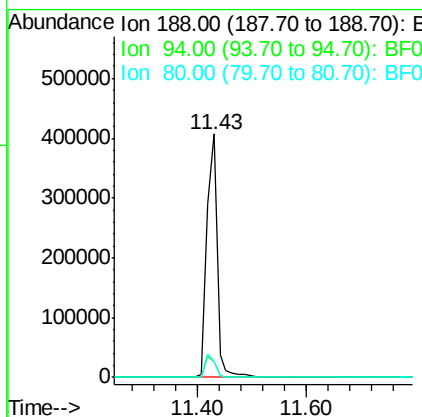
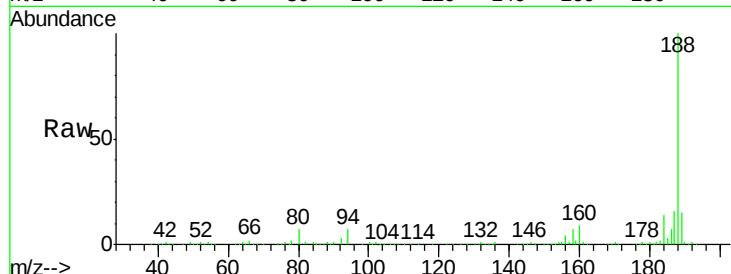
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.43 min Scan# 813  
 Delta R.T. -0.03 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 6.6   | 11.1       | 16.7#      |
| 80      | 6.6   | 11.0       | 16.4#      |

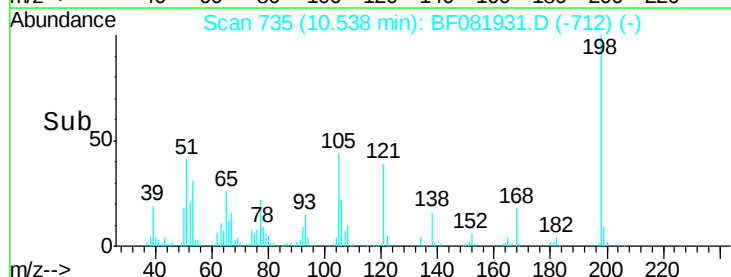
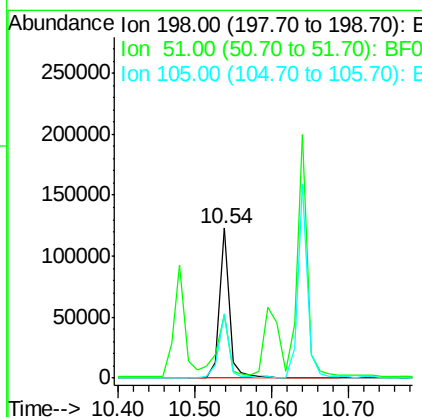
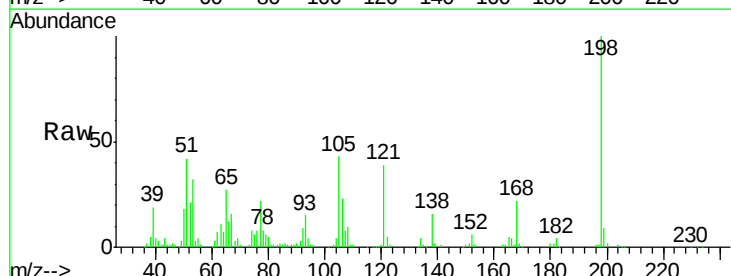
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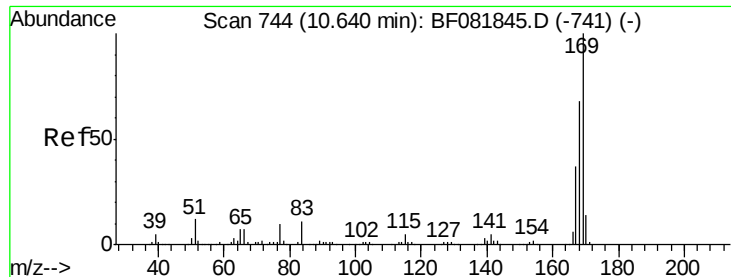
apatel  
 10/2/2015 9:01:02 AM



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 46.29 ng  
 RT: 10.54 min Scan# 735  
 Delta R.T. -0.03 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 41.9  | 39.6       | 79.6       |
| 105     | 43.1  | 28.5       | 68.5       |





#65

n-Nitrosodiphenylamine

Concen: 38.18 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

Instrument :

BNA\_F

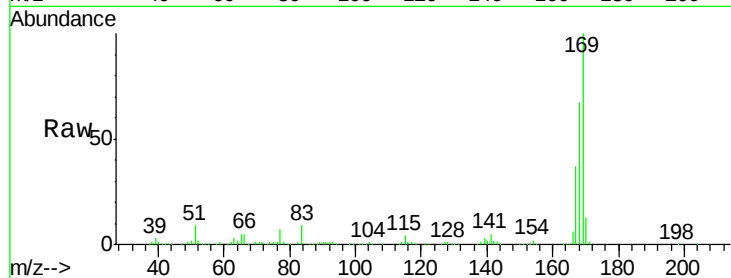
ClientSampleId :

SSTDCCC040

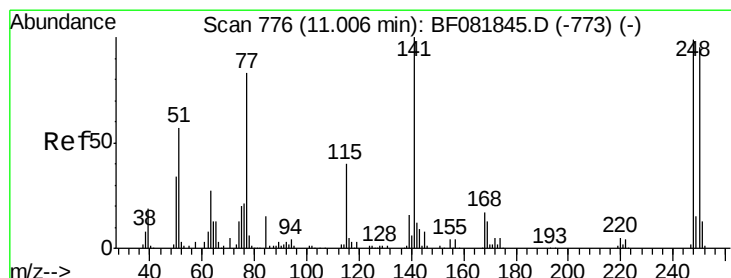
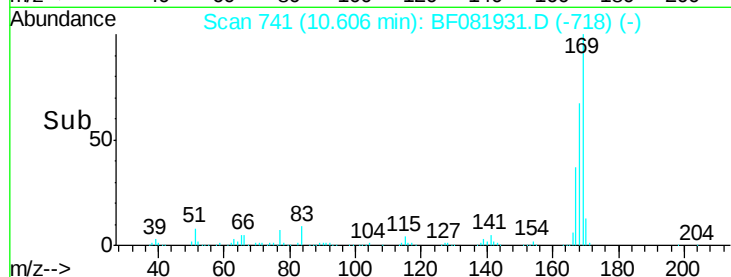
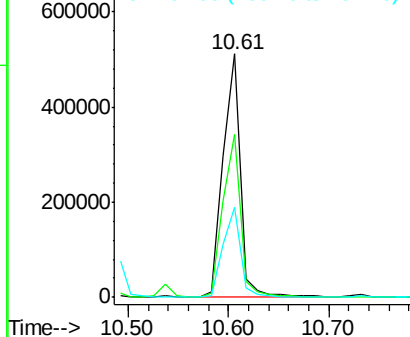
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 617060 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.2  | 48.9  | 73.3   |
| 167       | 36.8  | 26.2  | 39.4   |

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10/2/2015 9:01:02 AM



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: 40.19 ng

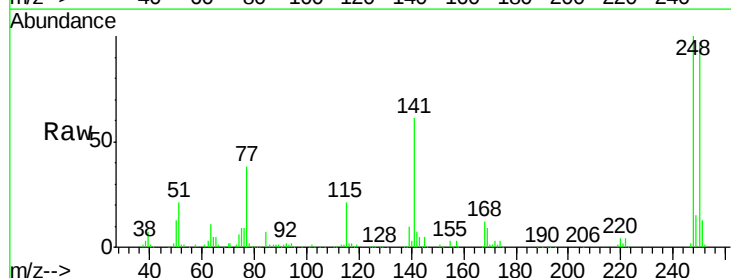
RT: 10.97 min Scan# 773

Delta R.T. -0.03 min

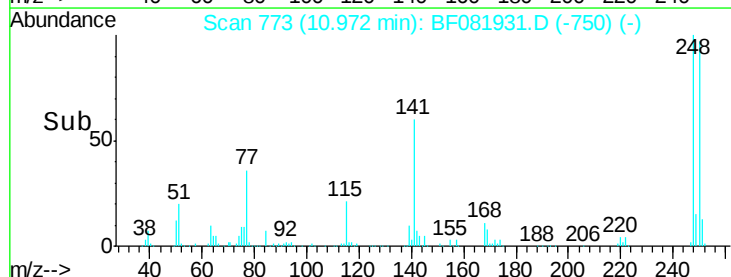
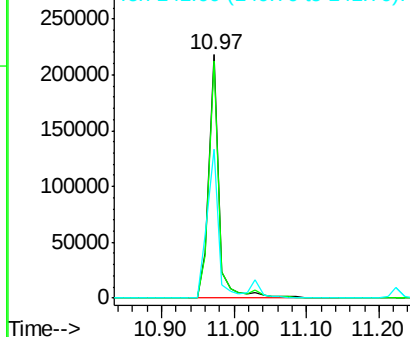
Lab File: BF081931.D

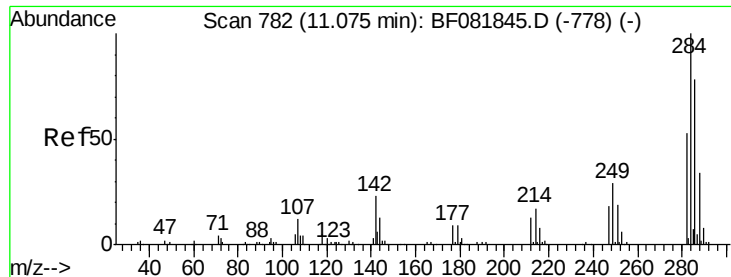
Acq: 1 Oct 2015 11:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 216464 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 97.4  | 78.5  | 117.7  |
| 141       | 61.2  | 59.0  | 88.6   |



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





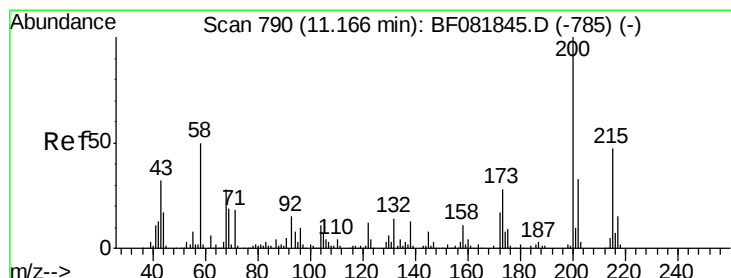
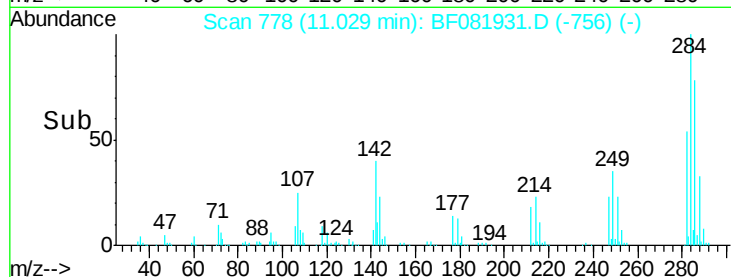
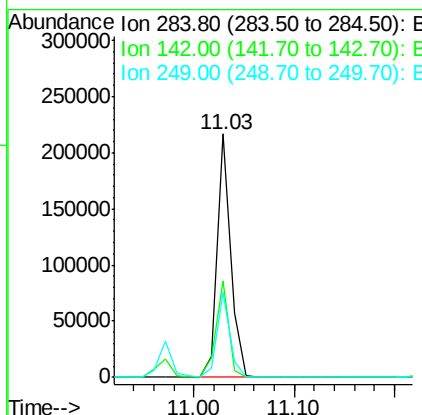
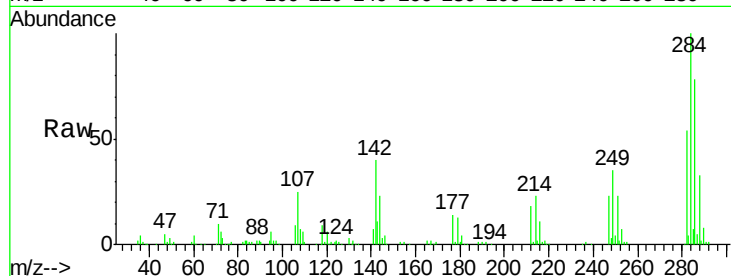
#67  
Hexachlorobenzene  
Concen: 33.67 ng  
RT: 11.03 min Scan# 778  
Delta R.T. -0.05 min  
Lab File: BF081931.D  
Acq: 1 Oct 2015 11:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 284     | 100   |            |            |
| 142     | 39.7  | 29.5       | 44.3       |
| 249     | 35.0  | 19.5       | 29.3       |

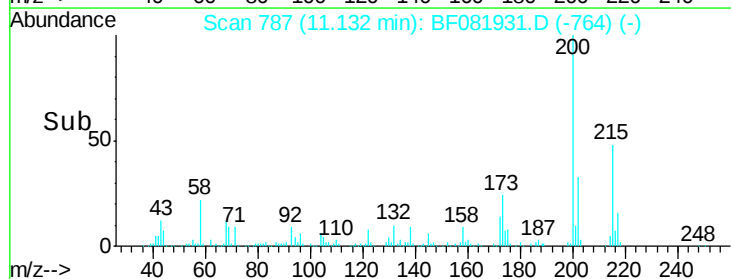
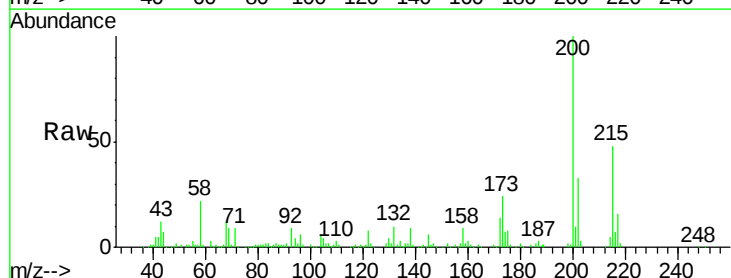
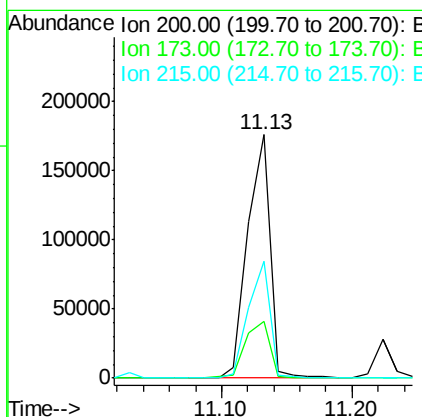
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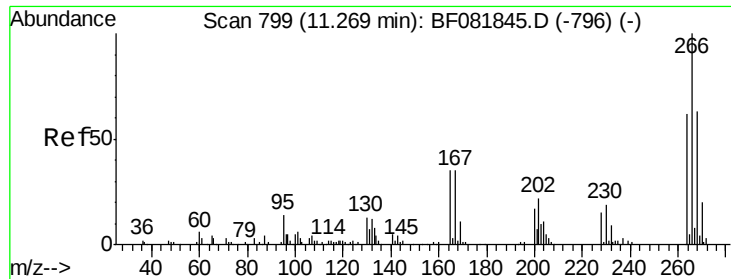
apatel  
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#68  
Atrazine  
Concen: 42.01 ng  
RT: 11.13 min Scan# 787  
Delta R.T. -0.03 min  
Lab File: BF081931.D  
Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 23.5  | 13.2       | 53.2       |
| 215     | 48.2  | 41.8       | 81.8       |





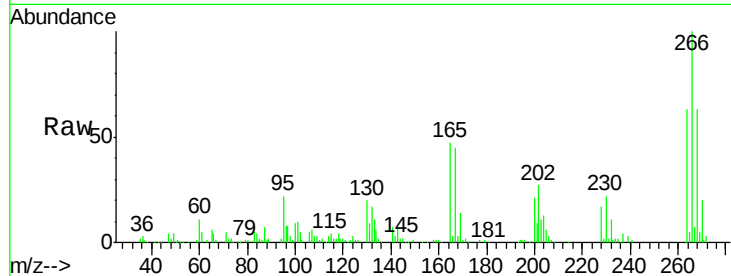
#69  
 Pentachlorophenol  
 Concen: 38.69 ng  
 RT: 11.22 min Scan# 795  
 Delta R.T. -0.05 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

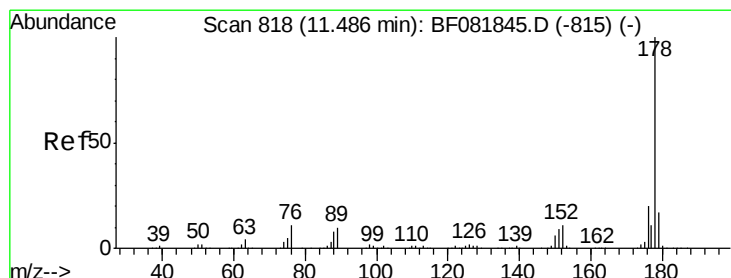
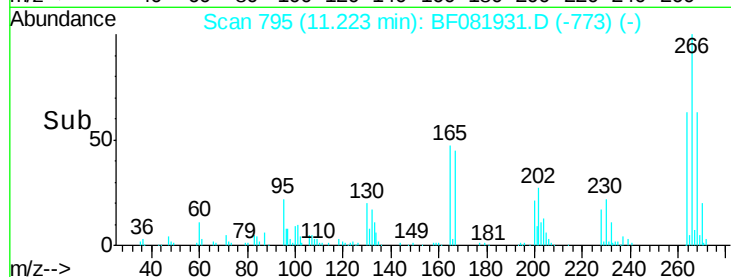
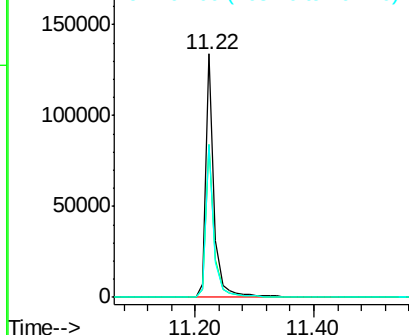
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 133983 |       |       |
| 268     | 62.6  | 49.8   | 74.6  |       |
| 264     | 62.7  | 50.2   | 75.2  |       |

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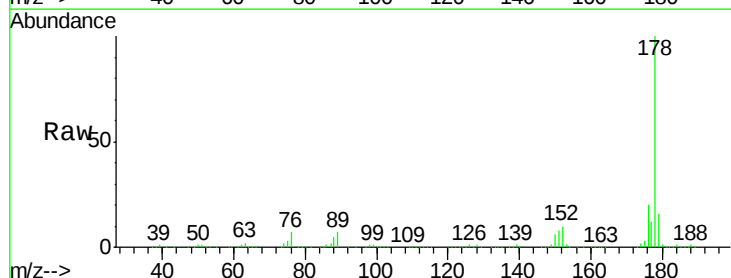


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

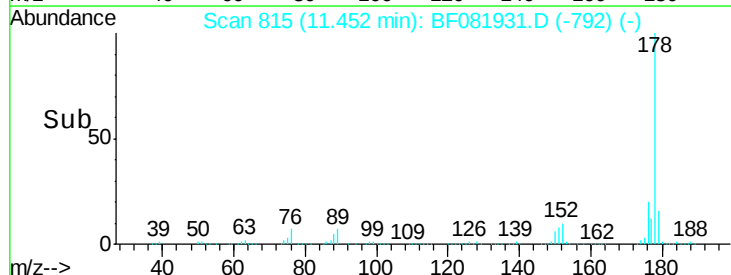
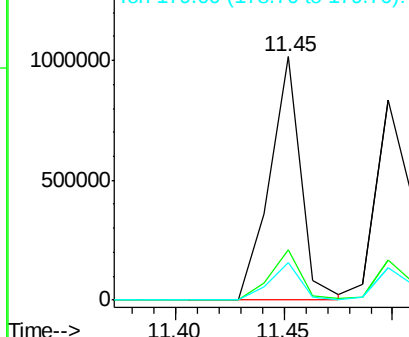


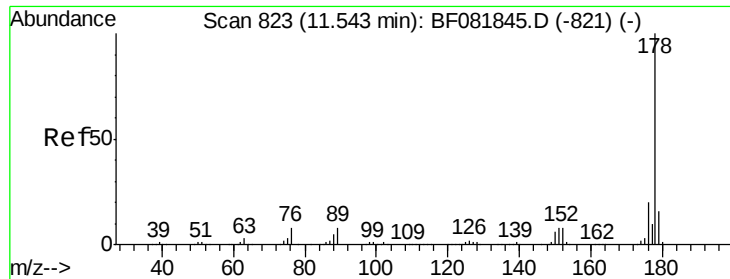
#70  
 Phenanthrene  
 Concen: 39.45 ng  
 RT: 11.45 min Scan# 815  
 Delta R.T. -0.03 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1019286 |       |       |
| 176     | 20.5  | 13.8    | 20.8  |       |
| 179     | 15.6  | 12.2    | 18.2  |       |



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





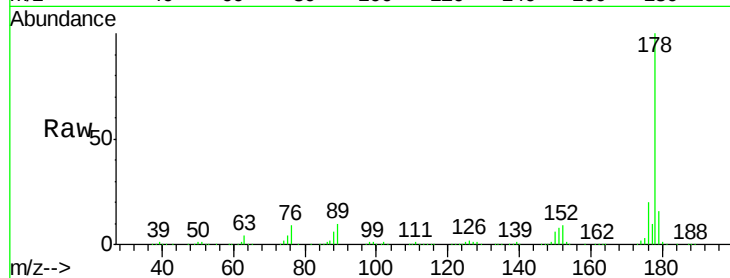
#71  
 Anthracene  
 Concen: 37.50 ng  
 RT: 11.50 min Scan# 819  
 Delta R.T. -0.05 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

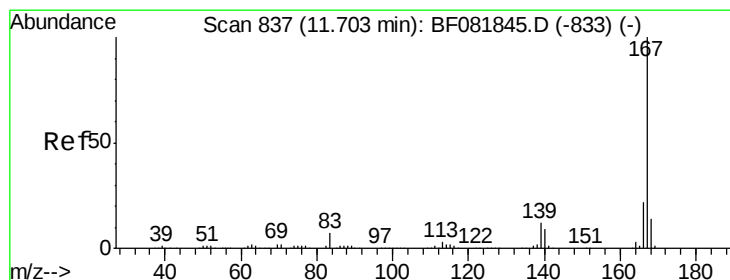
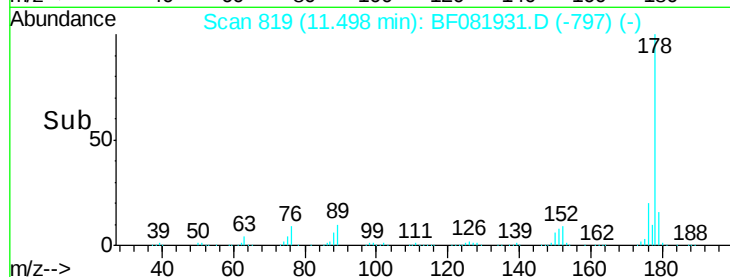
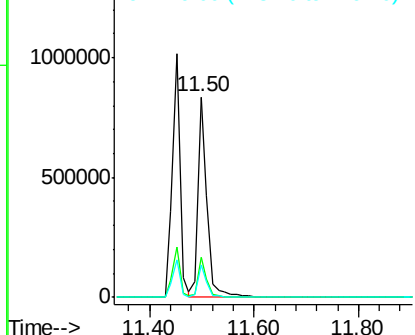
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.8  | 14.1  | 21.1  |
| 179     | 15.9  | 12.2  | 18.2  |

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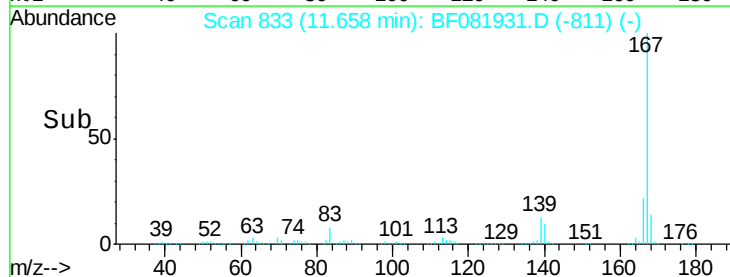
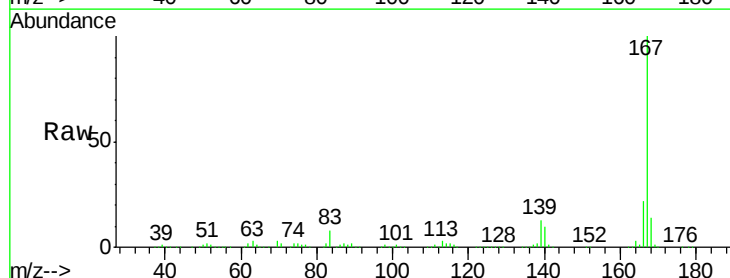
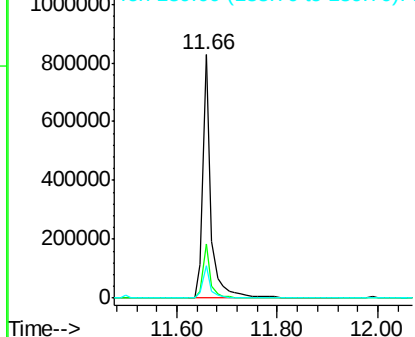
Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

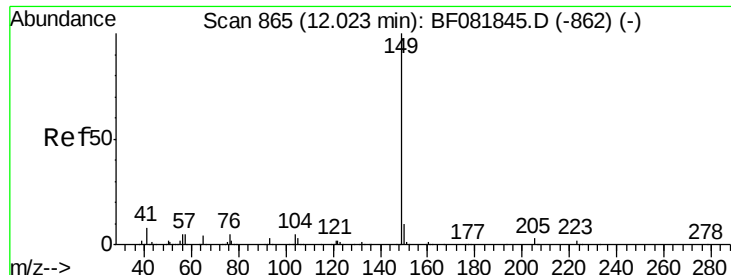


#72  
 Carbazole  
 Concen: 38.09 ng  
 RT: 11.66 min Scan# 833  
 Delta R.T. -0.05 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.4  | 15.7  | 23.5  |
| 139     | 13.4  | 9.5   | 14.3  |

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: 44.58 ng

RT: 11.99 min Scan# 862

Delta R.T. -0.03 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

Instrument :

BNA\_F

ClientSampleId :

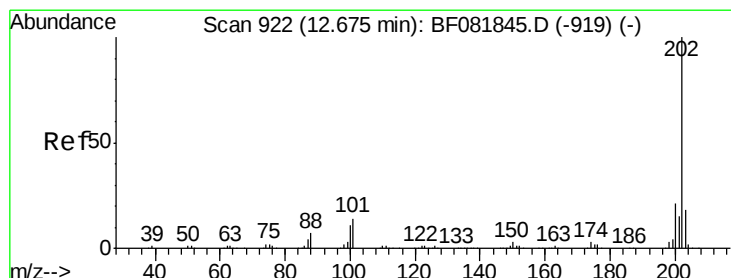
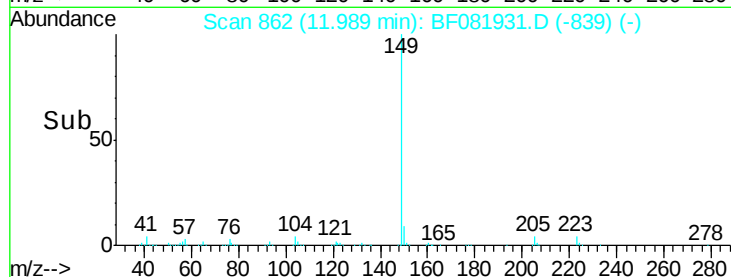
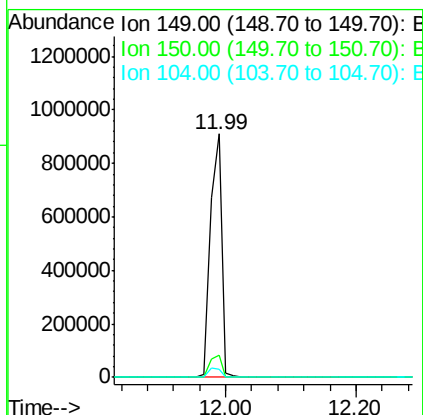
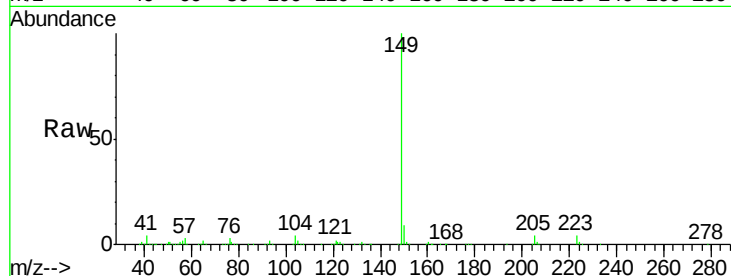
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.1   | 7.4   | 11.2  |
| 104     | 3.6   | 2.4   | 3.6   |



#74

Fluoranthene

Concen: 38.77 ng

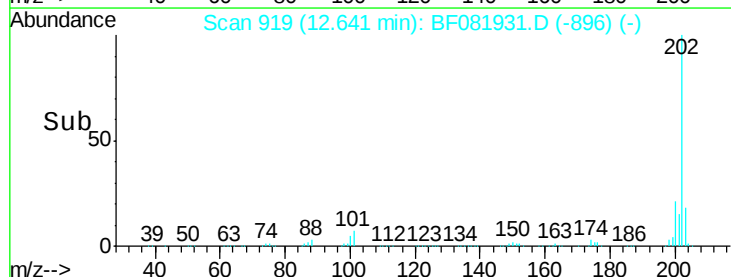
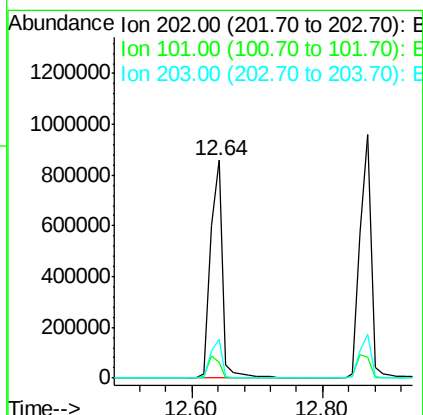
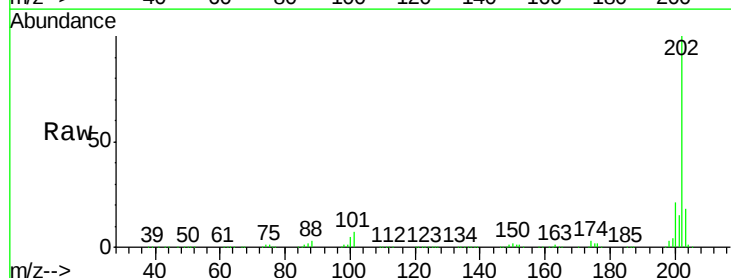
RT: 12.64 min Scan# 919

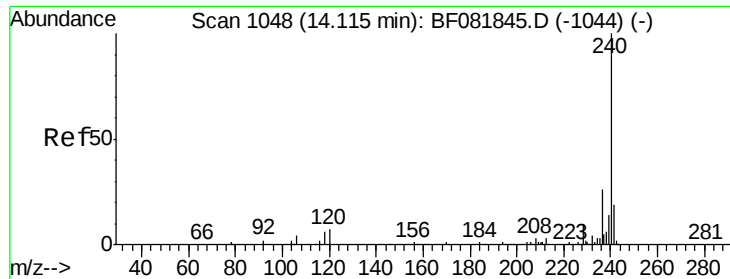
Delta R.T. -0.03 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 7.0   | 0.0   | 38.3  |
| 203     | 17.6  | 0.0   | 37.3  |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

Instrument :

BNA\_F

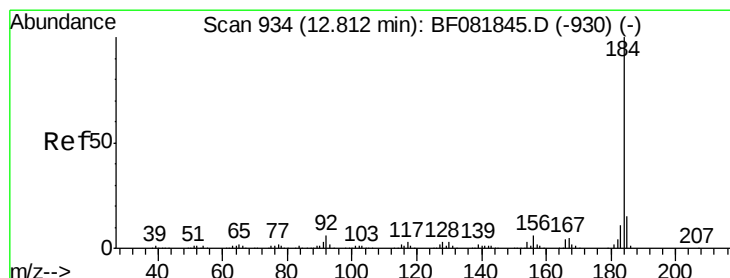
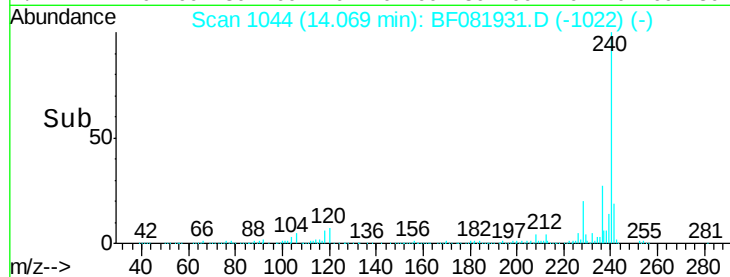
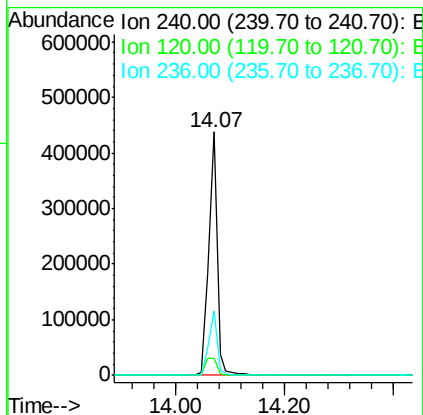
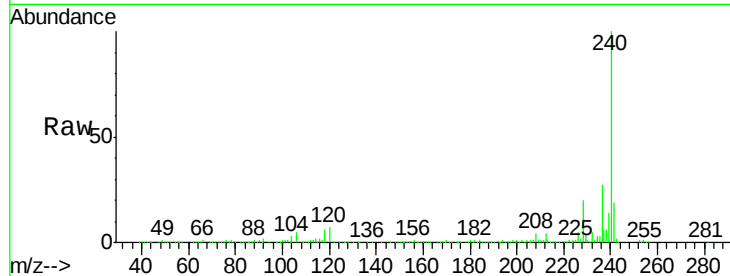
ClientSampleId :

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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 6.8   | 16.2  | 24.2# |
| 236     | 26.6  | 18.4  | 27.6  |

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#76

Benzidine

Concen: 41.55 ng

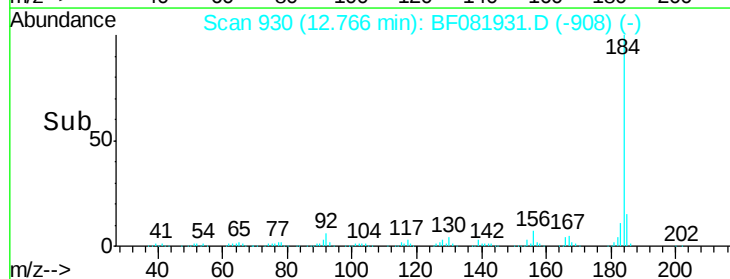
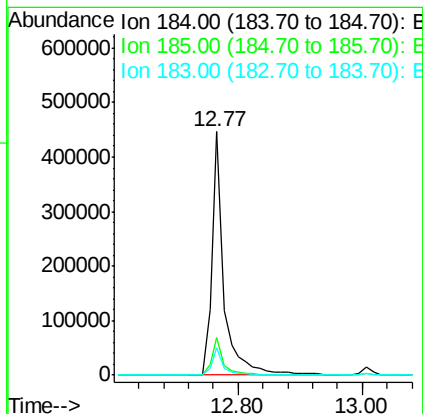
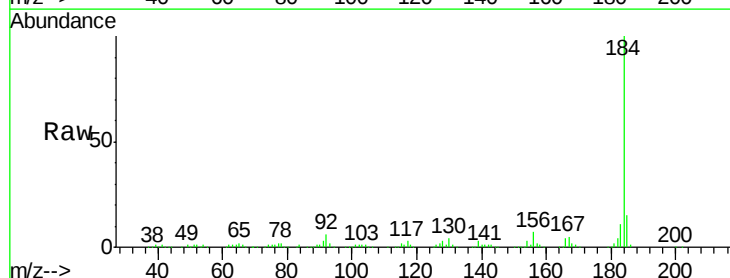
RT: 12.77 min Scan# 930

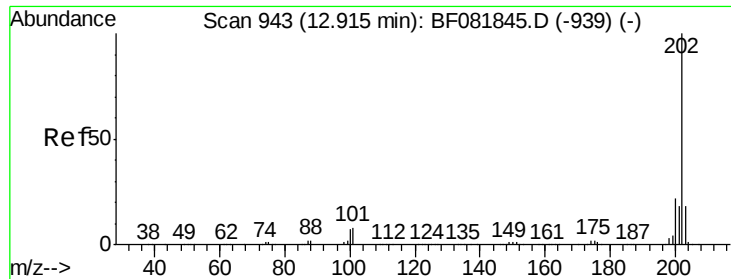
Delta R.T. -0.05 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 15.3  | 11.8  | 17.6  |
| 183     | 11.1  | 7.6   | 11.4  |





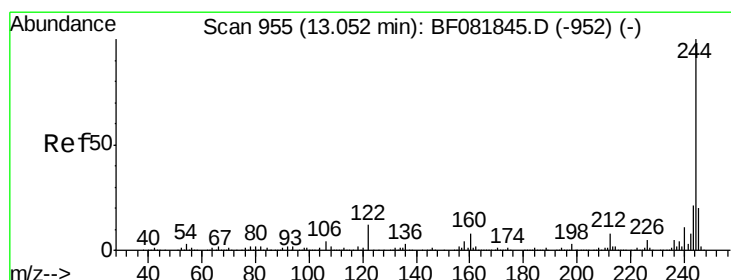
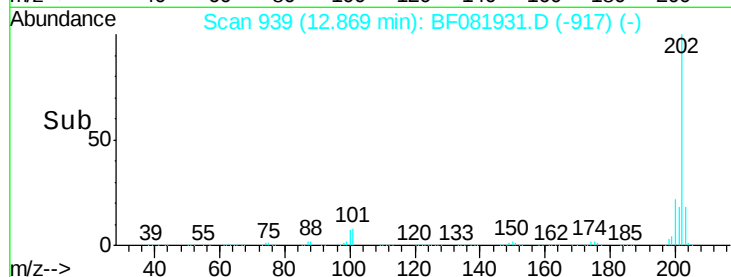
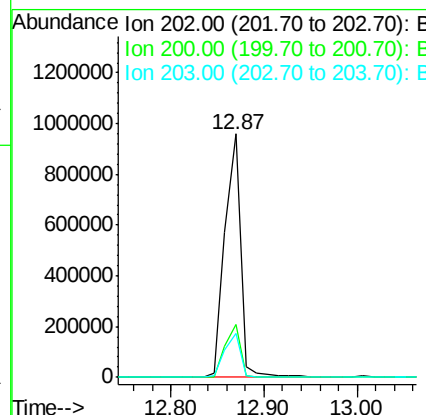
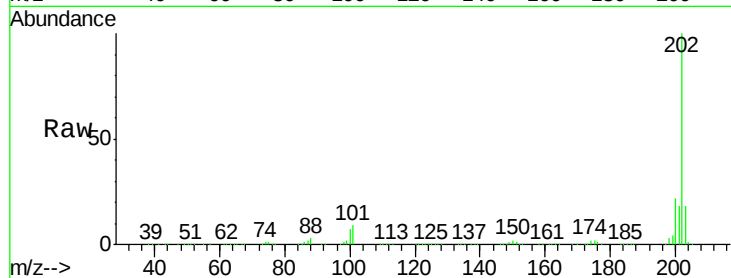
#77  
 Pyrene  
 Concen: 39.42 ng  
 RT: 12.87 min Scan# 939  
 Delta R.T. -0.05 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.0  | 15.0  | 22.4  |
| 203     | 18.0  | 14.1  | 21.1  |

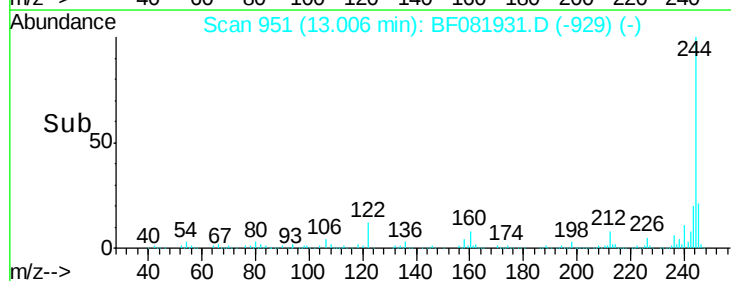
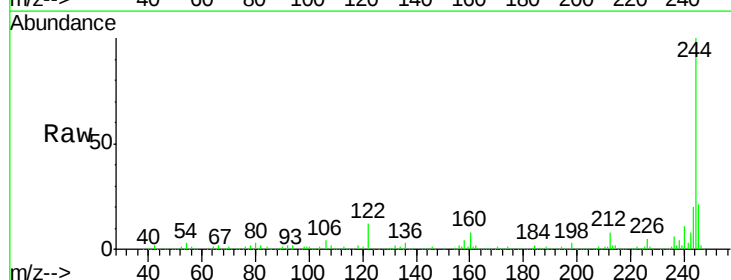
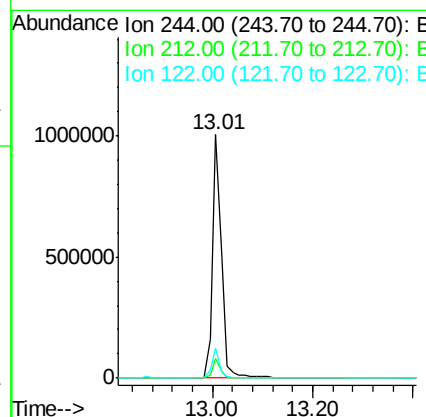
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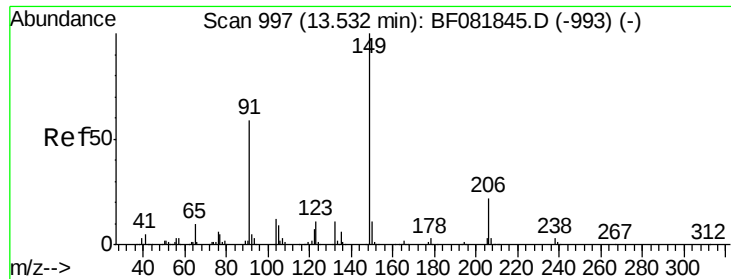
apatel  
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#78  
 Terphenyl-d14  
 Concen: 84.41 ng  
 RT: 13.01 min Scan# 951  
 Delta R.T. -0.05 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.0   | 4.3   | 6.5#  |
| 122     | 12.2  | 17.4  | 26.2# |





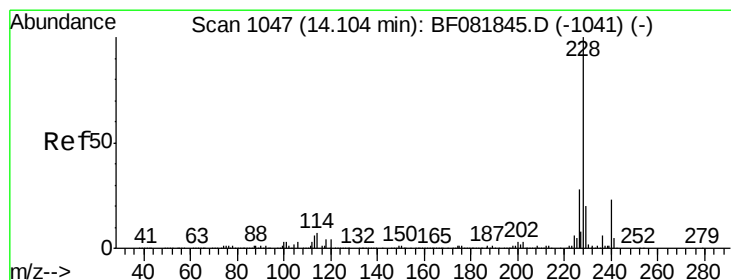
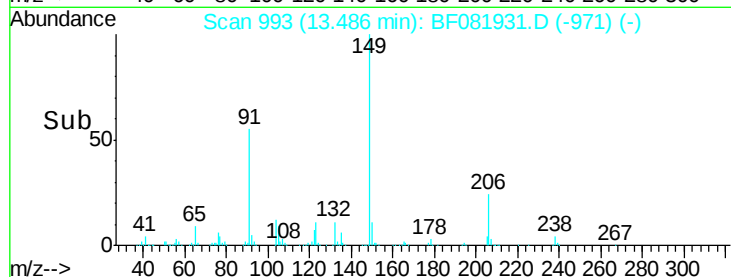
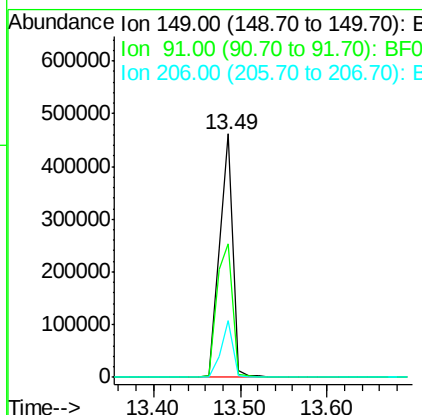
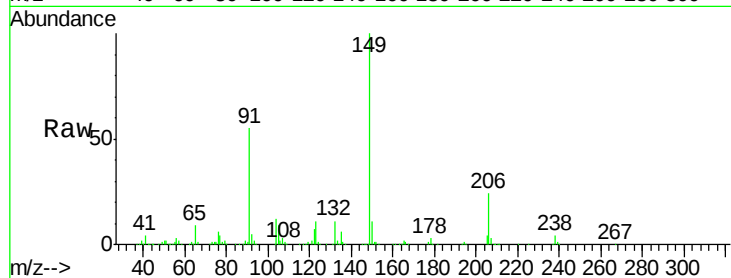
#79  
Butylbenzylphthalate  
Concen: 47.25 ng  
RT: 13.49 min Scan# 993  
Delta R.T. -0.05 min  
Lab File: BF081931.D  
Acq: 1 Oct 2015 11:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 503487 |       |       |
| 91      | 55.0  | 48.6   | 72.8  |       |
| 206     | 23.5  | 14.9   | 22.3  |       |

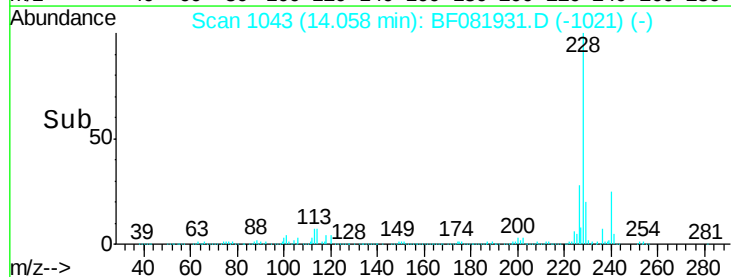
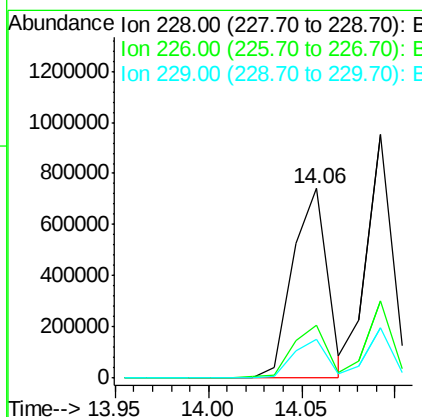
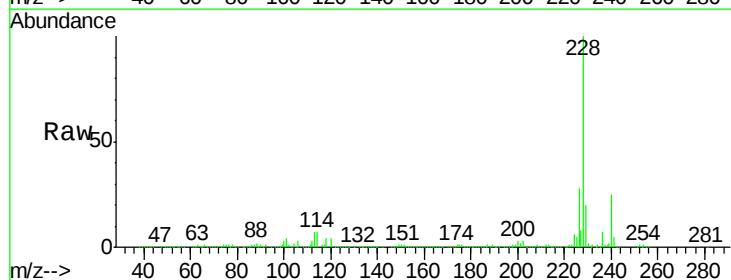
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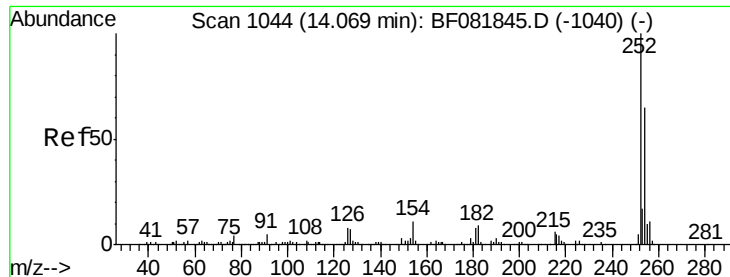
apatel  
10/2/2015 9:01:02 AM



#80  
Benzo(a)anthracene  
Concen: 37.56 ng  
RT: 14.06 min Scan# 1043  
Delta R.T. -0.05 min  
Lab File: BF081931.D  
Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 958733 |       |       |
| 226     | 28.0  | 20.0   | 30.0  |       |
| 229     | 20.2  | 15.4   | 23.2  |       |





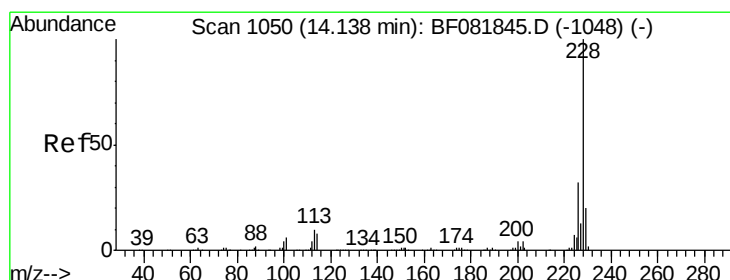
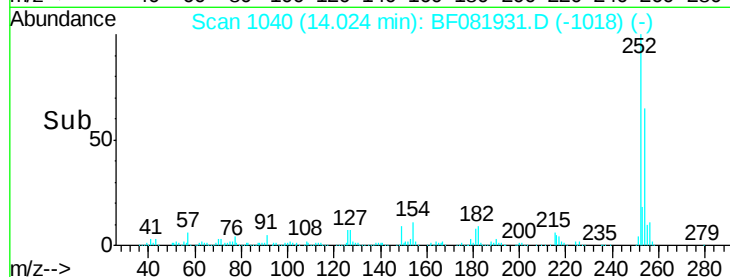
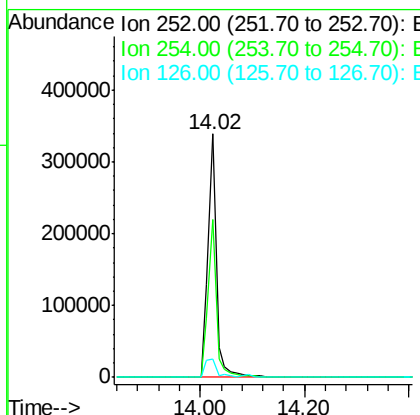
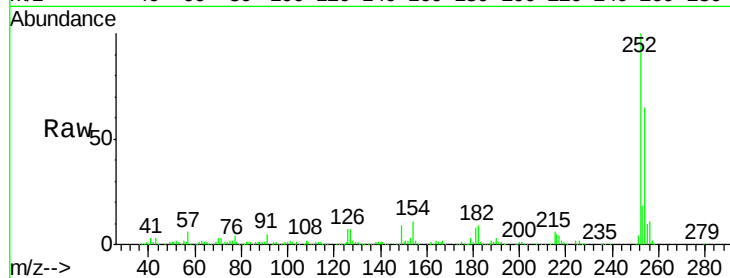
#81  
 3,3'-Dichlorobenzidine  
 Concen: 44.53 ng  
 RT: 14.02 min Scan# 1040  
 Delta R.T. -0.05 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 64.9  | 51.4       | 77.2       |
| 126     | 7.5   | 16.4       | 24.6       |

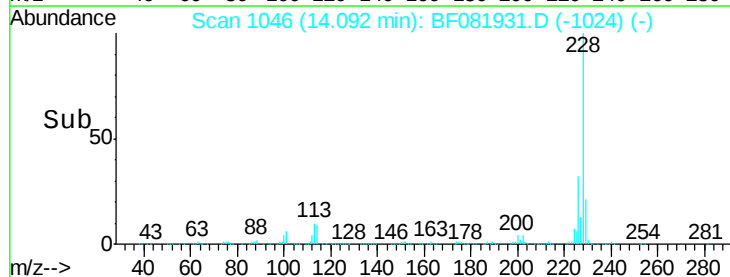
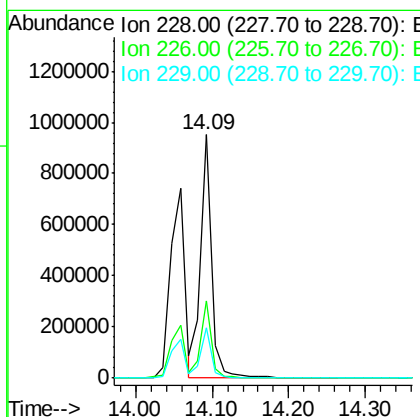
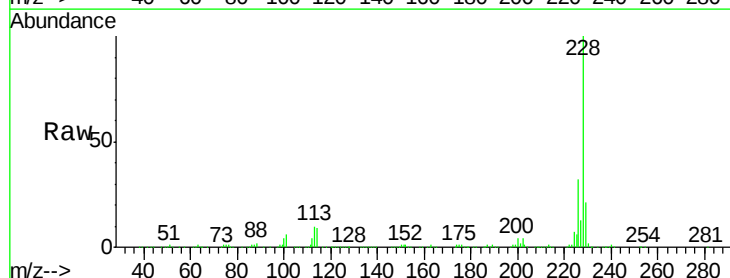
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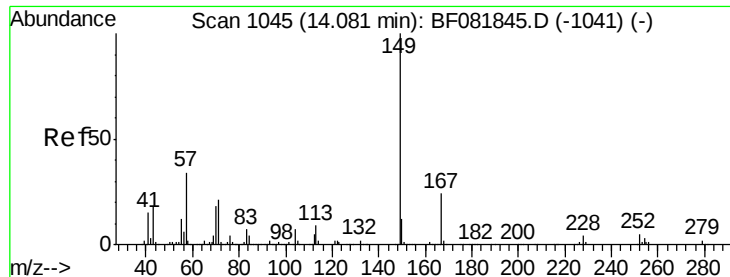
apatel  
 10/2/2015 9:01:02 AM



#82  
 Chrysene  
 Concen: 41.72 ng m  
 RT: 14.09 min Scan# 1046  
 Delta R.T. -0.04 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 31.5  | 21.0       | 31.4       |
| 229     | 20.6  | 15.6       | 23.4       |





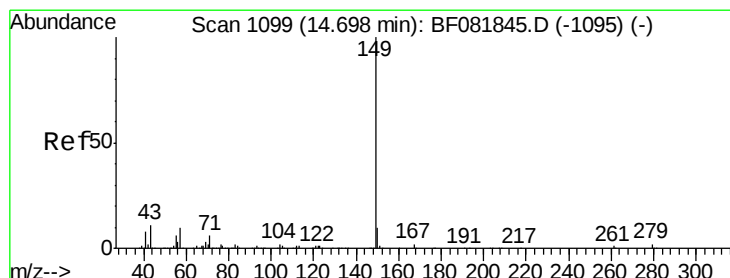
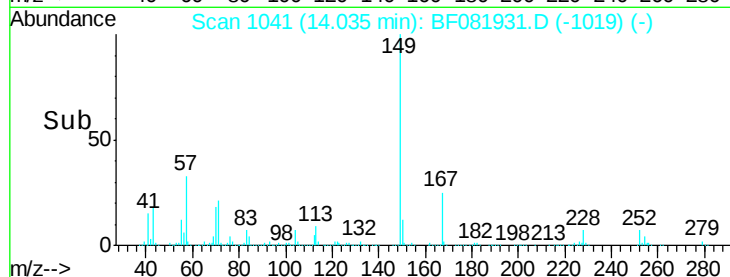
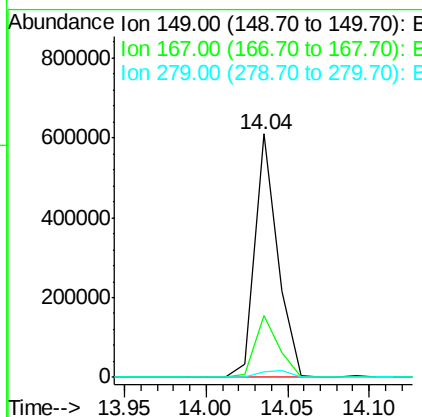
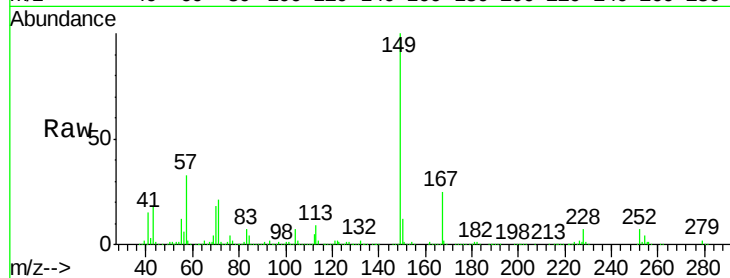
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.63 ng  
 RT: 14.04 min Scan# 1041  
 Delta R.T. -0.05 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 596594 |       |       |
| 167     | 25.3  | 24.2   | 36.2  |       |
| 279     | 2.4   | 3.8    | 5.6   |       |

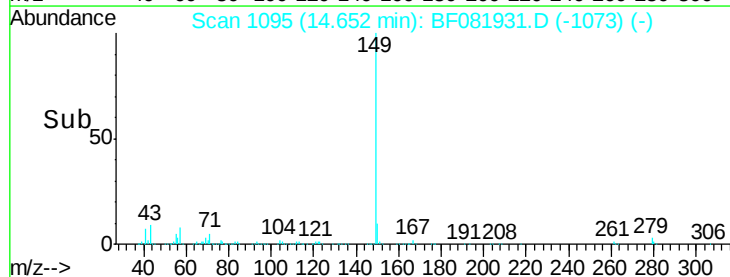
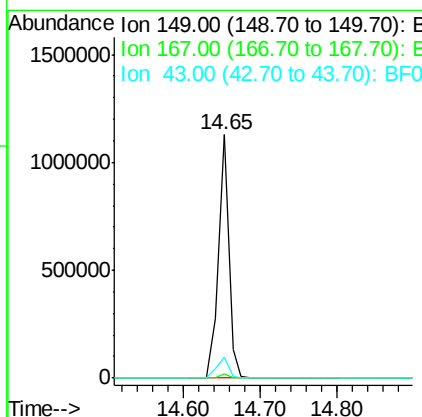
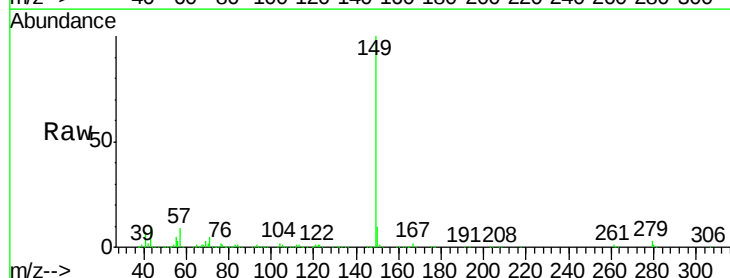
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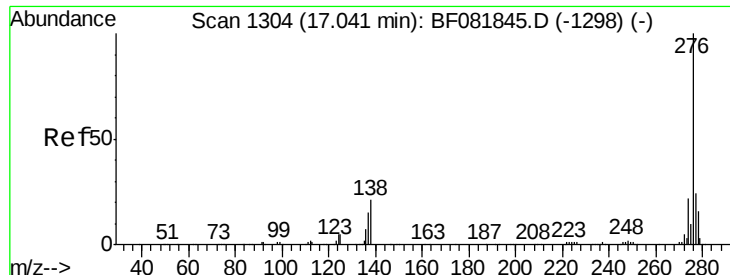
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#84  
 Di-n-octyl phthalate  
 Concen: 49.23 ng  
 RT: 14.65 min Scan# 1095  
 Delta R.T. -0.05 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 1071021 |       |       |
| 167     | 1.5   | 1.0     | 1.6   |       |
| 43      | 9.3   | 10.2    | 15.2  |       |





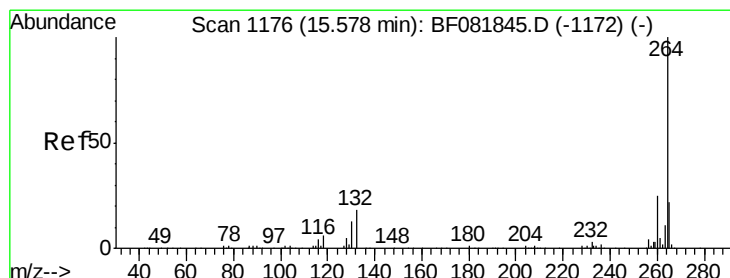
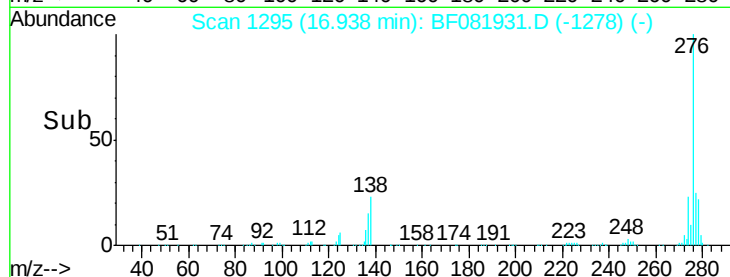
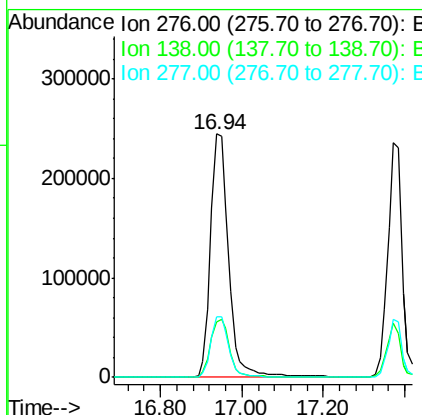
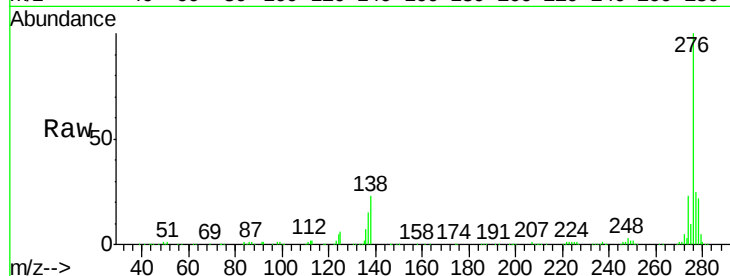
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 38.11 ng  
 RT: 16.94 min Scan# 1295  
 Delta R.T. -0.10 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 25.1  | 25.7  | 38.5# |
| 277     | 25.0  | 15.6  | 23.4# |

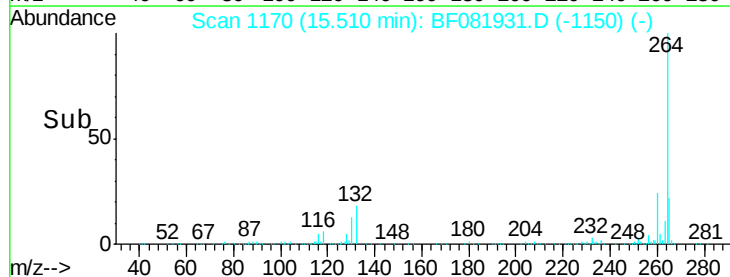
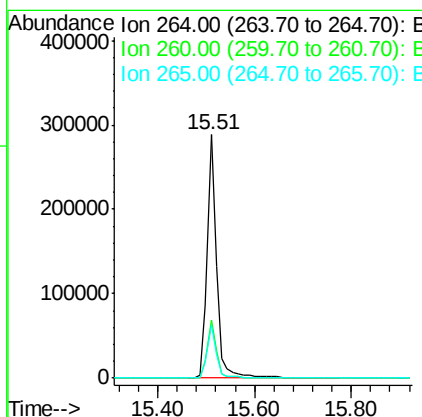
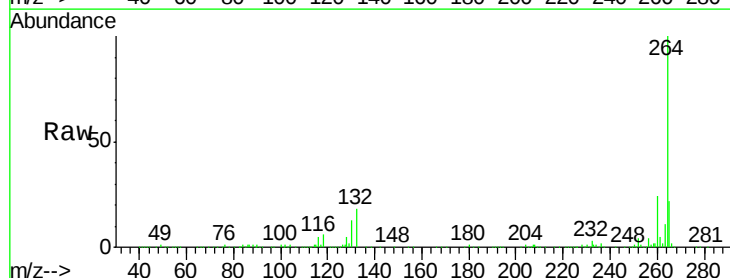
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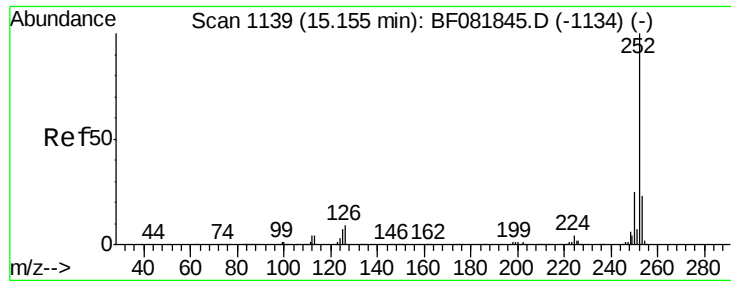
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.51 min Scan# 1170  
 Delta R.T. -0.07 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 16.7  | 25.1  |
| 265     | 21.5  | 17.2  | 25.8  |





#87

Benzo(b)fluoranthene

Concen: 42.54 ng

RT: 15.09 min Scan# 1133

Delta R.T. -0.07 min

Lab File: BF081931.D

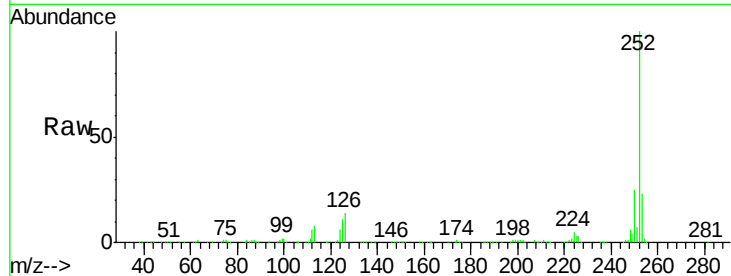
Acq: 1 Oct 2015 11:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 252 Resp: 962378

Ion Ratio Lower Upper

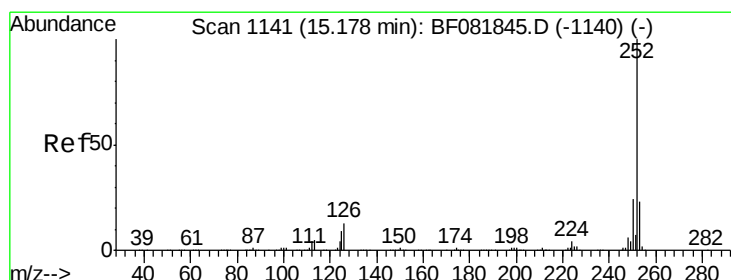
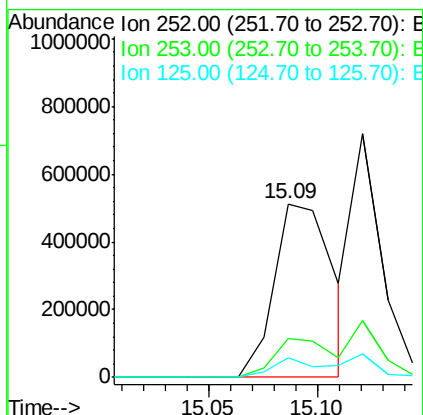
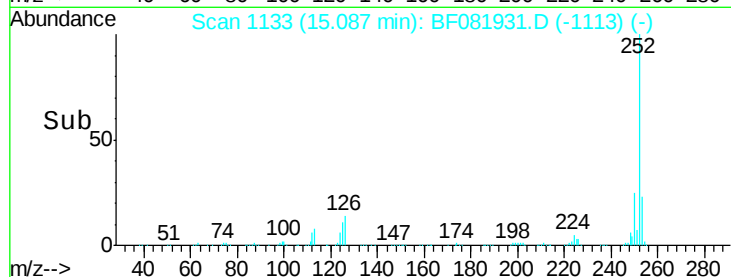
252 100

253 22.6 17.5 26.3

125 11.2 17.1 25.7#

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#88

Benzo(k)fluoranthene

Concen: 36.52 ng m

RT: 15.12 min Scan# 1136

Delta R.T. -0.06 min

Lab File: BF081931.D

Acq: 1 Oct 2015 11:04

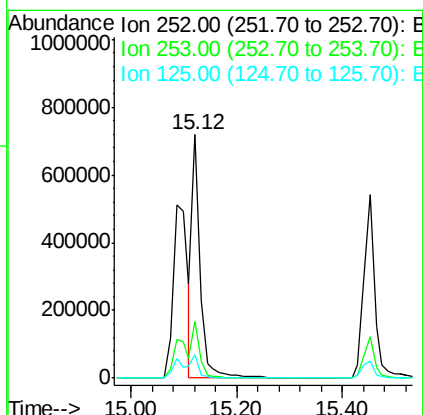
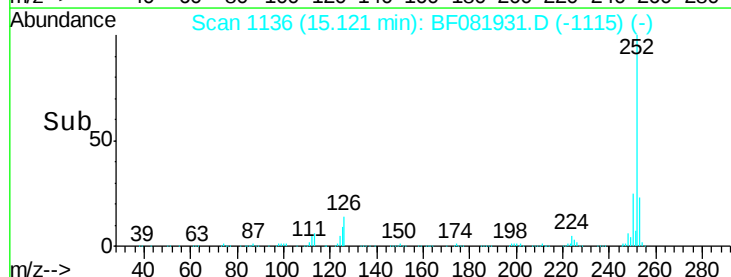
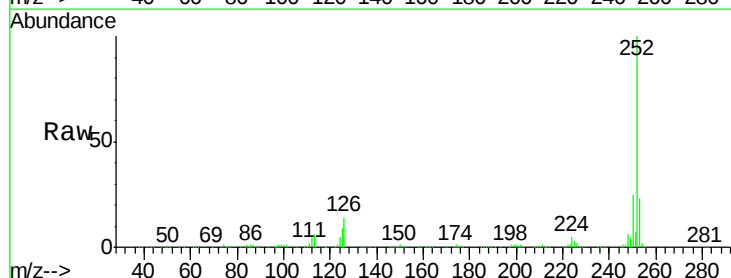
Tgt Ion: 252 Resp: 757361

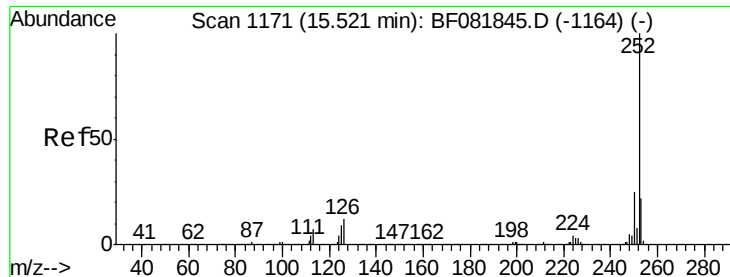
Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.4

125 9.5 16.0 24.0#





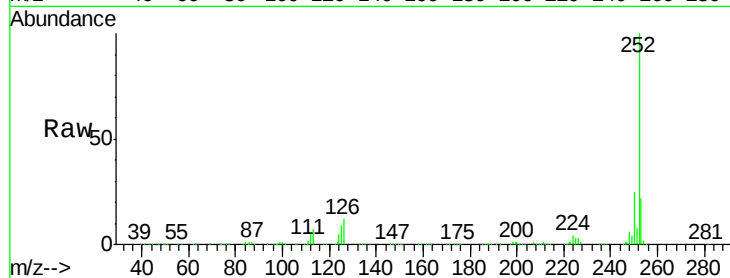
#89  
Benzo(a)pyrene  
Concen: 39.96 ng  
RT: 15.45 min Scan# 1165  
Delta R.T. -0.07 min  
Lab File: BF081931.D  
Acq: 1 Oct 2015 11:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

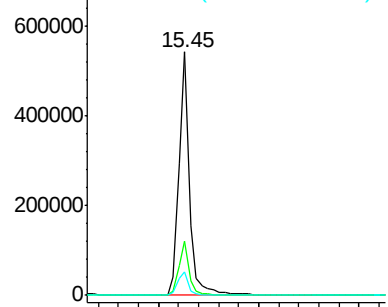
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.2  | 25.8  |
| 125     | 9.5   | 18.0  | 27.0  |

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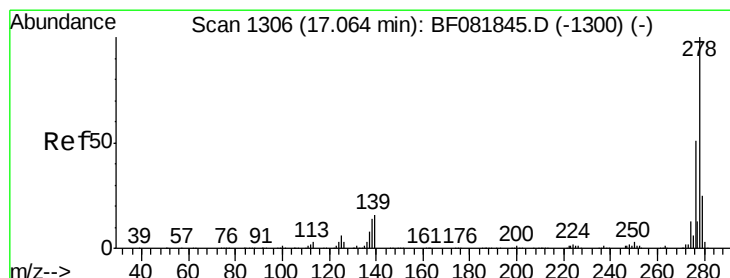
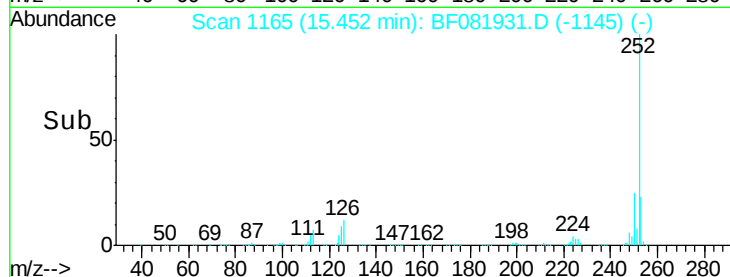
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Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



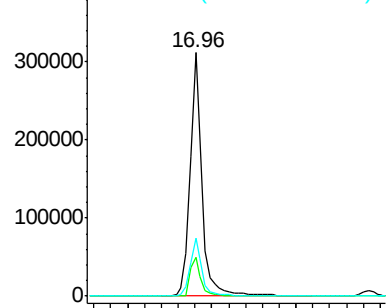
Time-->



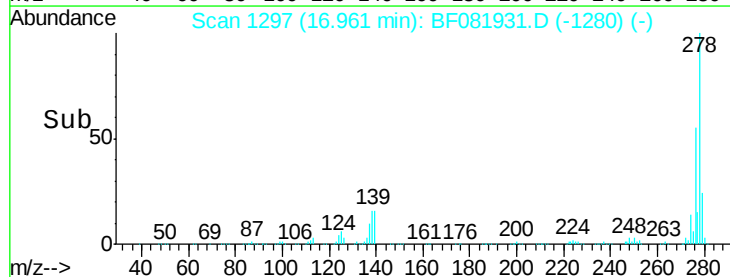
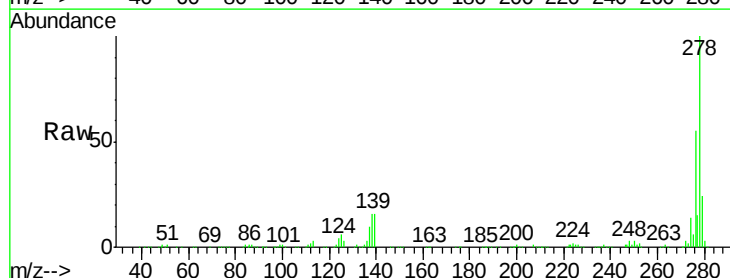
#90  
Dibenzo(a,h)anthracene  
Concen: 38.08 ng  
RT: 16.96 min Scan# 1297  
Delta R.T. -0.10 min  
Lab File: BF081931.D  
Acq: 1 Oct 2015 11:04

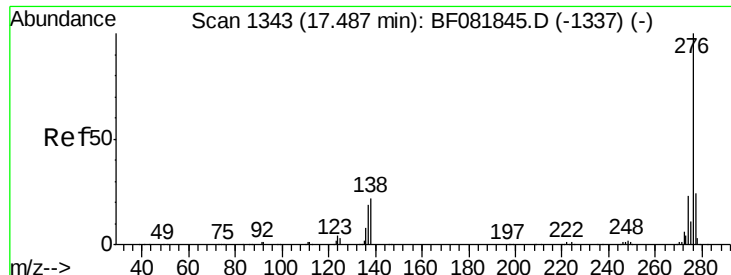
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.1  | 26.3  | 39.5  |
| 279     | 23.8  | 18.2  | 27.4  |

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



Time-->





#91  
 Benzo(g,h,i)perylene  
 Concen: 35.58 ng  
 RT: 17.37 min Scan# 1333  
 Delta R.T. -0.11 min  
 Lab File: BF081931.D  
 Acq: 1 Oct 2015 11:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.5  | 17.8  | 26.6  |
| 138     | 23.1  | 34.6  | 51.8# |

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