

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050516\  
 Data File : BF086707.D  
 Acq On : 5 May 2016 14:04  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

umangi  
 5/6/2016 7:11:38 PM

Quant Time: May 06 01:22:01 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 04 15:12:53 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.73  | 152  | 179233   | 40.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.02  | 136  | 736416   | 40.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.77  | 164  | 351328   | 40.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.24 | 188  | 610179   | 40.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 13.88 | 240  | 495096   | 40.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.27 | 264  | 407184   | 40.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.31  | 112 | 908638  | 83.93 | ng | -0.01 |
| 7) Phenol-d6             | 6.37  | 99  | 1123974 | 77.07 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.30  | 82  | 1082994 | 75.57 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.56 | 330 | 293762  | 85.48 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 9.09  | 172 | 1536751 | 71.70 | ng | -0.01 |
| 78) Terphenyl-d14        | 12.83 | 244 | 1589896 | 64.90 | ng | -0.01 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.24 | 88  | 209929  | 37.52 | ng | # 74   |
| 3) Pyridine                    | 2.91 | 79  | 552522  | 40.27 | ng | # 71   |
| 4) n-Nitrosodimethylamine      | 2.86 | 42  | 339101  | 40.74 | ng | # 53   |
| 6) Aniline                     | 6.38 | 93  | 702305  | 39.02 | ng | # 18   |
| 8) 2-Chlorophenol              | 6.51 | 128 | 509053  | 39.18 | ng | 91     |
| 9) Benzaldehyde                | 6.27 | 77  | 274208  | 37.69 | ng | 97     |
| 10) Phenol                     | 6.38 | 94  | 669258  | 41.95 | ng | # 50   |
| 11) bis(2-Chloroethyl)ether    | 6.46 | 93  | 495715  | 36.10 | ng | 84     |
| 12) 1,3-Dichlorobenzene        | 6.66 | 146 | 528633m | 38.32 | ng |        |
| 13) 1,4-Dichlorobenzene        | 6.74 | 146 | 534733m | 37.49 | ng |        |
| 14) 1,2-Dichlorobenzene        | 6.90 | 146 | 519726  | 41.84 | ng | 100    |
| 15) Benzyl Alcohol             | 6.88 | 79  | 384808  | 40.79 | ng | 88     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.01 | 45  | 1051360 | 37.44 | ng | 88     |
| 17) 2-Methylphenol             | 6.99 | 107 | 407865  | 38.99 | ng | # 93   |
| 18) Hexachloroethane           | 7.24 | 117 | 214463  | 39.82 | ng | # 84   |
| 19) n-Nitroso-di-n-propylamine | 7.15 | 70  | 354076  | 35.53 | ng | # 67   |
| 20) 3+4-Methylphenols          | 7.15 | 107 | 456508  | 37.27 | ng | 98     |
| 22) Acetophenone               | 7.15 | 105 | 721756  | 42.06 | ng | # 89   |
| 24) Nitrobenzene               | 7.32 | 77  | 600282  | 40.52 | ng | # 87   |
| 25) Isophorone                 | 7.56 | 82  | 1037455 | 38.87 | ng | 98     |
| 26) 2-Nitrophenol              | 7.63 | 139 | 255599  | 38.66 | ng | # 71   |
| 27) 2,4-Dimethylphenol         | 7.68 | 122 | 439167  | 37.83 | ng | 88     |
| 28) bis(2-Chloroethoxy)methane | 7.78 | 93  | 572335  | 38.96 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.88 | 162 | 410428  | 41.12 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 7.96 | 180 | 453714  | 40.75 | ng | 99     |
| 31) Naphthalene                | 8.04 | 128 | 1424713 | 37.87 | ng | 100    |
| 32) Benzoic acid               | 7.80 | 122 | 167084  | 38.84 | ng | 90     |
| 33) 4-Chloroaniline            | 8.09 | 127 | 549215  | 37.68 | ng | # 90   |
| 34) Hexachlorobutadiene        | 8.16 | 225 | 249463  | 39.46 | ng | 98     |
| 35) Caprolactam                | 8.48 | 113 | 142156  | 46.02 | ng | # 77   |
| 36) 4-Chloro-3-methylphenol    | 8.58 | 107 | 432787  | 38.01 | ng | 90     |
| 37) 2-Methylnaphthalene        | 8.73 | 142 | 869285  | 39.16 | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.90 | 216 | 407545  | 40.08 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.88 | 237 | 169199  | 39.48 | ng | 96     |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

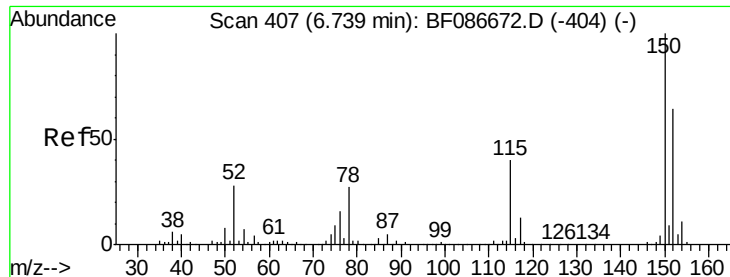
umangi  
 5/6/2016 7:11:38 PM

Quant Time: May 06 01:22:01 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 04 15:12:53 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.01  | 196  | 266520   | 41.21 | ng    | 93       |
| 43) 2,4,5-Trichlorophenol      | 9.05  | 196  | 272113   | 40.28 | ng #  | 83       |
| 45) 1,1'-Biphenyl              | 9.20  | 154  | 1226815  | 42.71 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 9.22  | 162  | 901183   | 40.66 | ng    | 98       |
| 47) 2-Nitroaniline             | 9.31  | 65   | 303463   | 38.51 | ng #  | 74       |
| 48) Acenaphthylene             | 9.63  | 152  | 1385141  | 42.10 | ng    | 99       |
| 49) Dimethylphthalate          | 9.50  | 163  | 1069296  | 40.83 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.56  | 165  | 234627   | 41.74 | ng    | 96       |
| 51) Acenaphthene               | 9.80  | 154  | 833359   | 38.39 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.72  | 138  | 246486   | 38.58 | ng #  | 78       |
| 53) 2,4-Dinitrophenol          | 9.84  | 184  | 65263    | 42.41 | ng    | 90       |
| 54) Dibenzofuran               | 9.97  | 168  | 1104452  | 41.05 | ng    | 99       |
| 55) 4-Nitrophenol              | 9.89  | 139  | 154799   | 41.55 | ng #  | 57       |
| 56) 2,4-Dinitrotoluene         | 9.96  | 165  | 274552   | 39.42 | ng #  | 92       |
| 57) Fluorene                   | 10.32 | 166  | 931026   | 42.70 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.09 | 232  | 196710   | 39.64 | ng    | 97       |
| 59) Diethylphthalate           | 10.19 | 149  | 1001348  | 40.39 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.30 | 204  | 391261   | 37.75 | ng    | 99       |
| 61) 4-Nitroaniline             | 10.34 | 138  | 258174   | 42.05 | ng #  | 75       |
| 62) Azobenzene                 | 10.46 | 77   | 1061546  | 38.64 | ng    | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 10.37 | 198  | 138263   | 45.66 | ng    | 89       |
| 65) n-Nitrosodiphenylamine     | 10.43 | 169  | 804460   | 41.52 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.80 | 248  | 255656   | 42.16 | ng    | 92       |
| 67) Hexachlorobenzene          | 10.86 | 284  | 295479   | 39.96 | ng    | 95       |
| 68) Atrazine                   | 10.96 | 200  | 225867   | 38.04 | ng    | 95       |
| 69) Pentachlorophenol          | 11.06 | 266  | 134453   | 40.56 | ng    | 97       |
| 70) Phenanthrene               | 11.26 | 178  | 1268919  | 38.72 | ng    | 99       |
| 71) Anthracene                 | 11.32 | 178  | 1424618  | 41.51 | ng    | 99       |
| 72) Carbazole                  | 11.48 | 167  | 1333358  | 44.74 | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.81 | 149  | 1420098  | 40.13 | ng #  | 98       |
| 74) Fluoranthene               | 12.45 | 202  | 1391575  | 42.37 | ng    | 96       |
| 76) Benzidine                  | 12.58 | 184  | 430991   | 34.17 | ng    | 97       |
| 77) Pyrene                     | 12.68 | 202  | 1441518  | 36.52 | ng    | 100      |
| 79) Butylbenzylphthalate       | 13.31 | 149  | 686540   | 41.53 | ng    | 91       |
| 80) Benzo(a)anthracene         | 13.87 | 228  | 1051773  | 37.56 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.84 | 252  | 790259   | 44.91 | ng    | 99       |
| 82) Chrysene                   | 13.91 | 228  | 1116605  | 37.38 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 13.87 | 149  | 809092   | 42.29 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 14.48 | 149  | 1340171  | 47.61 | ng #  | 86       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.58 | 276  | 844440   | 32.95 | ng    | 96       |
| 87) Benzo(b)fluoranthene       | 14.88 | 252  | 962724m  | 39.35 | ng    |          |
| 88) Benzo(k)fluoranthene       | 14.91 | 252  | 1015285m | 44.04 | ng    |          |
| 89) Benzo(a)pyrene             | 15.21 | 252  | 894005   | 39.67 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.59 | 278  | 702847   | 32.46 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 16.97 | 276  | 697247   | 30.68 | ng    | 97       |

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





#1

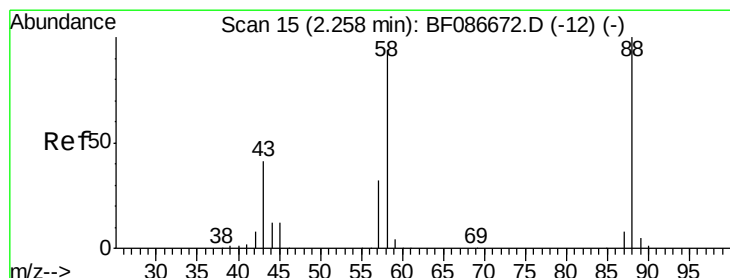
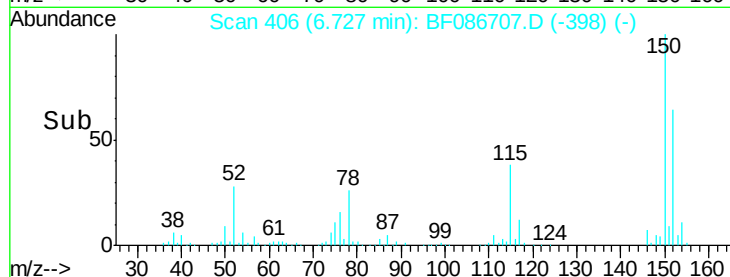
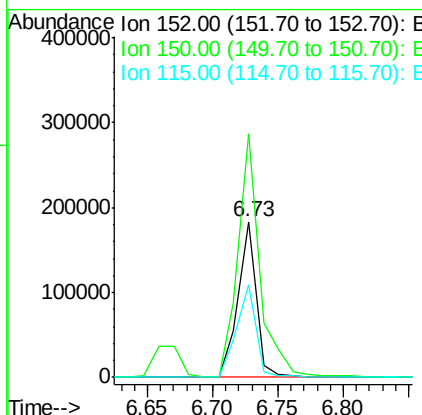
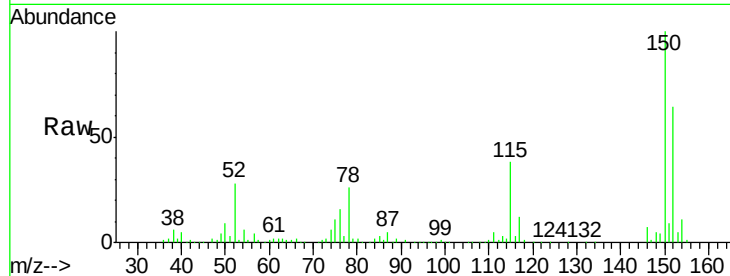
1,4-Dichlorobenzene-d4  
Concen: 40.00 ng  
RT: 6.73 min Scan# 406  
Delta R.T. -0.01 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 179233 |       |       |
| 150     | 156.5 | 125.8  | 188.6 |       |
| 115     | 59.9  | 51.5   | 77.3  |       |

Manual Integrations  
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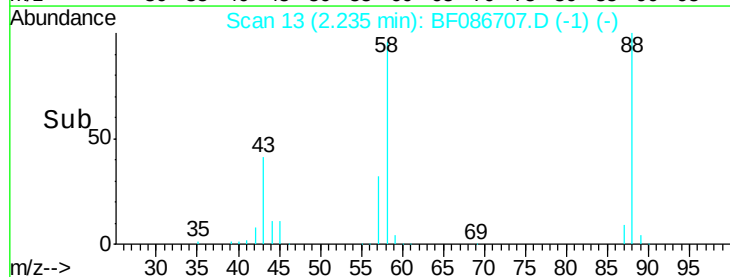
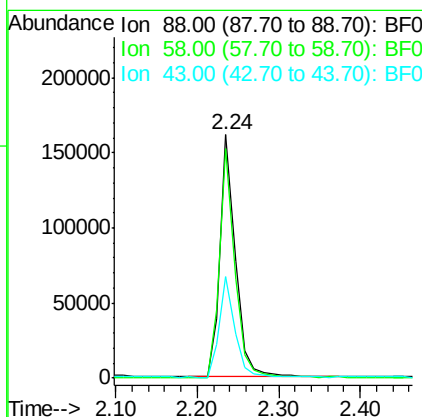
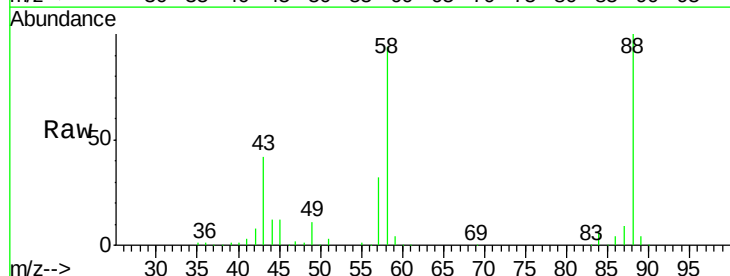
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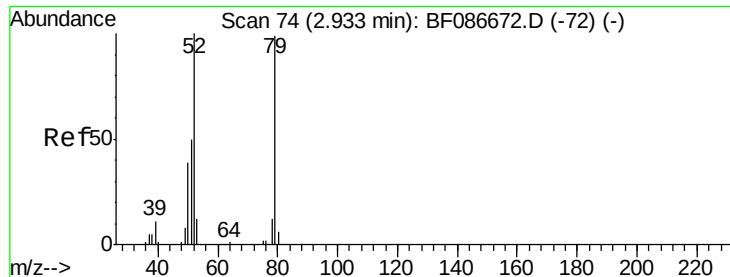


#2

1,4-Dioxane  
Concen: 37.52 ng  
RT: 2.24 min Scan# 13  
Delta R.T. -0.02 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 88      | 100   | 209929 |       |       |
| 58      | 95.9  | 59.6   | 89.4# |       |
| 43      | 42.3  | 21.8   | 32.6# |       |





#3

Pyridine

Concen: 40.27 ng

RT: 2.91 min Scan# 72

Delta R.T. -0.02 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

Instrument :

BNA\_F

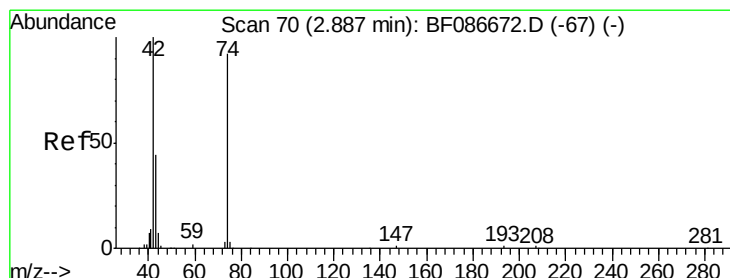
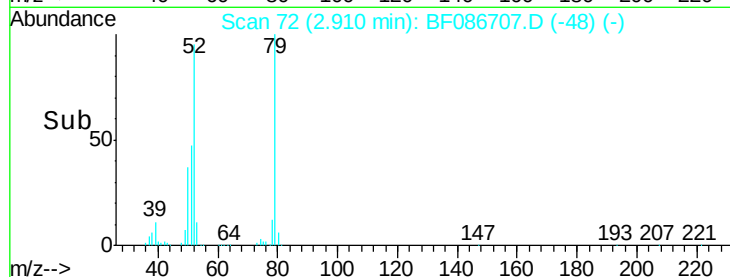
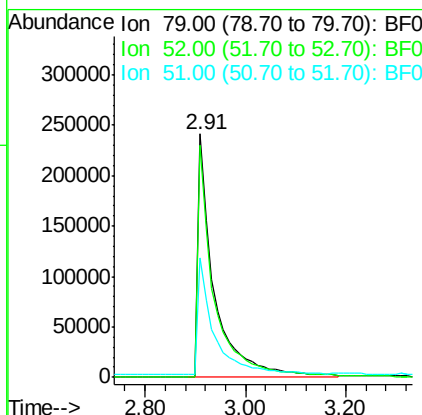
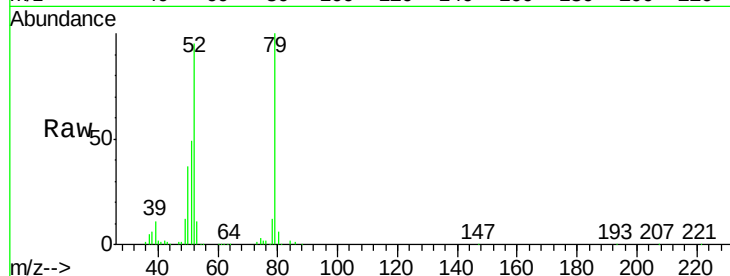
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 552522 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 95.5  | 55.9  | 83.9#  |
| 51        | 48.8  | 28.1  | 42.1#  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 40.74 ng

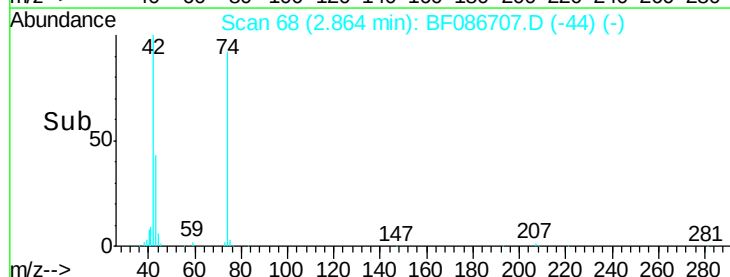
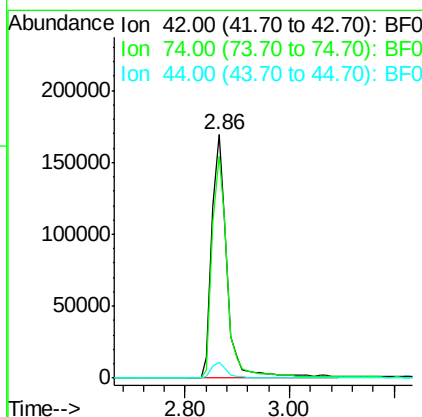
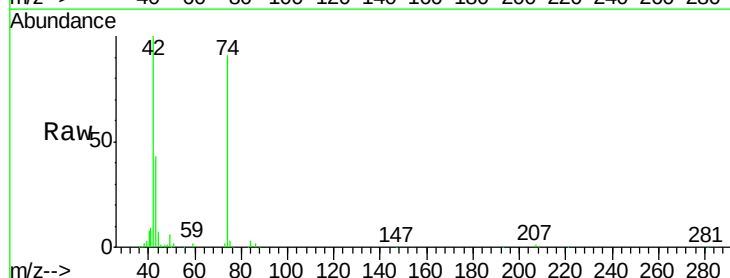
RT: 2.86 min Scan# 68

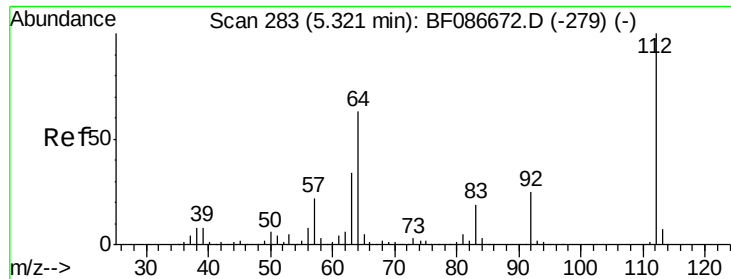
Delta R.T. -0.02 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 339101 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 91.3  | 123.4 | 185.0# |
| 44        | 6.6   | 5.8   | 8.6    |





#5

2-Fluorophenol

Concen: 83.93 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.01 min

Lab File: BF086707.D

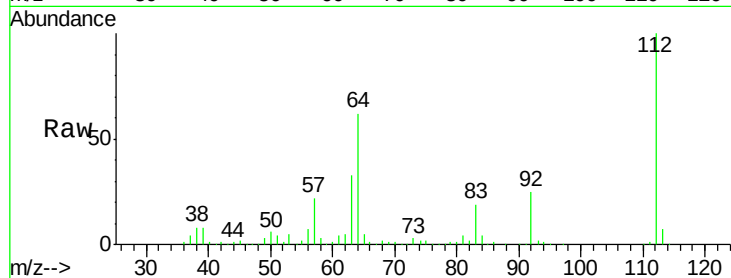
Acq: 5 May 2016 14:04

Instrument :

BNA\_F

ClientSampleId :

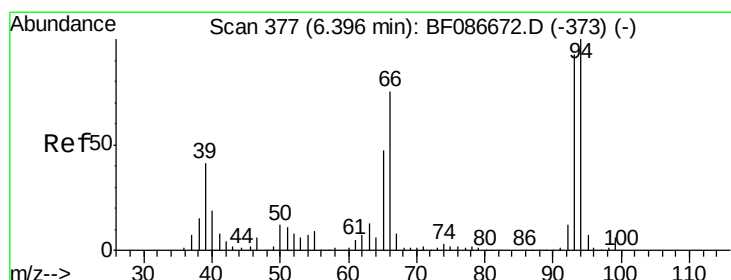
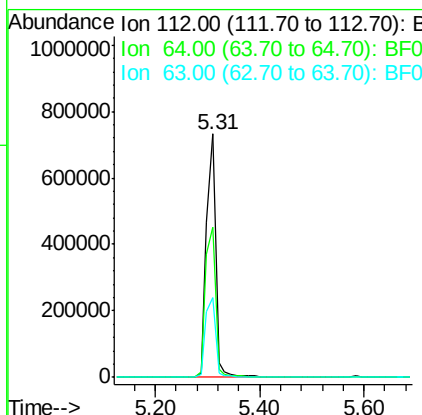
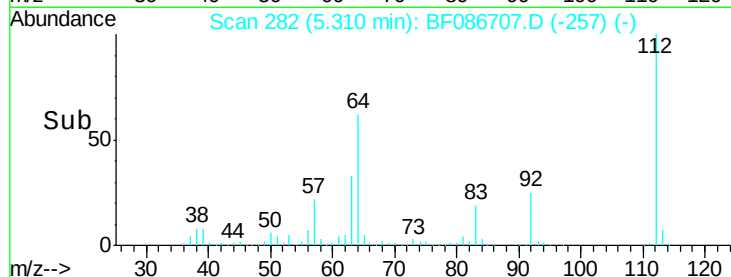
SSTDCCC040



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 908638 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 61.9  | 52.1  | 78.1   |
| 63        | 32.6  | 25.7  | 38.5   |

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#6

Aniline

Concen: 39.02 ng

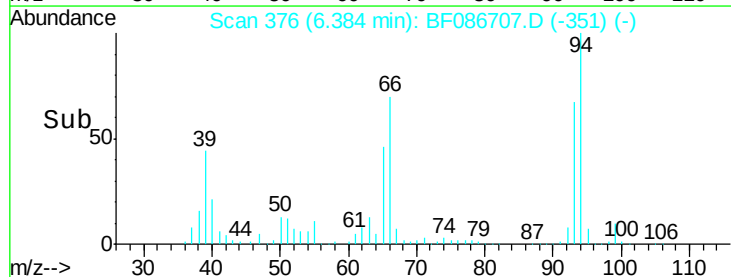
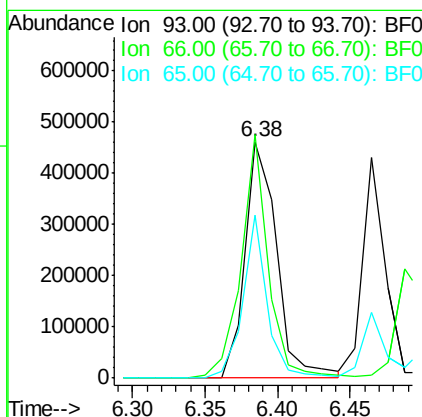
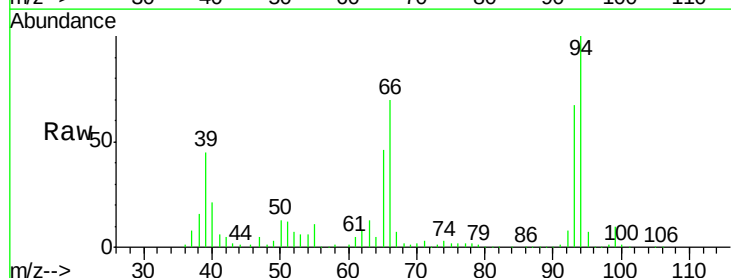
RT: 6.38 min Scan# 376

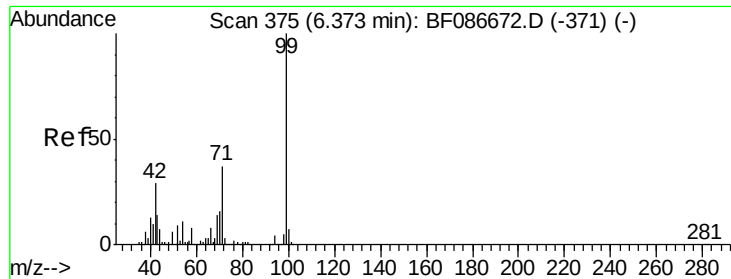
Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 702305 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 103.2 | 39.0  | 58.6#  |
| 65        | 68.9  | 20.6  | 31.0#  |





#7

Phenol-d6

Concen: 77.07 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

Instrument :

BNA\_F

ClientSampleId :

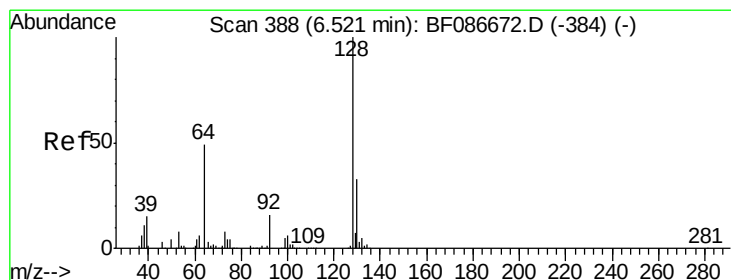
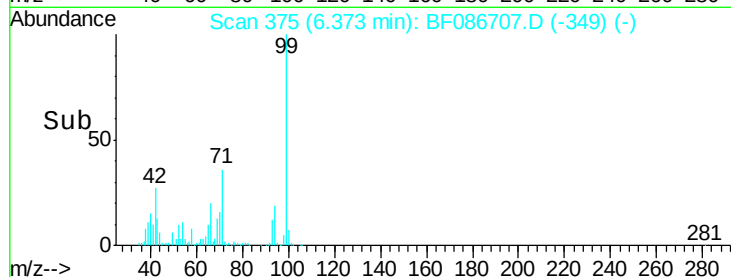
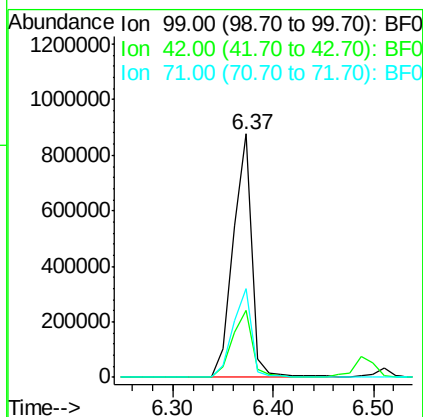
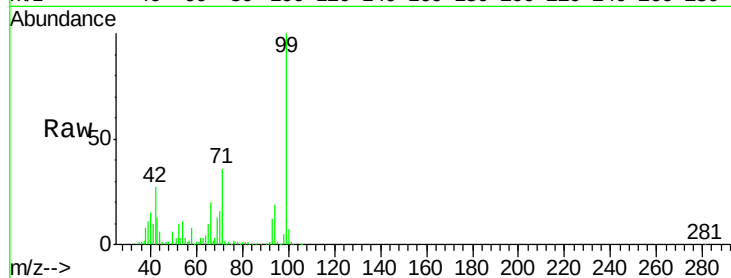
SSTDCCC040

Tgt Ion: 99 Resp: 1123974

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 27.3  | 13.6  | 20.4# |
| 71  | 36.3  | 24.6  | 36.8  |

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#8

2-Chlorophenol

Concen: 39.18 ng

RT: 6.51 min Scan# 387

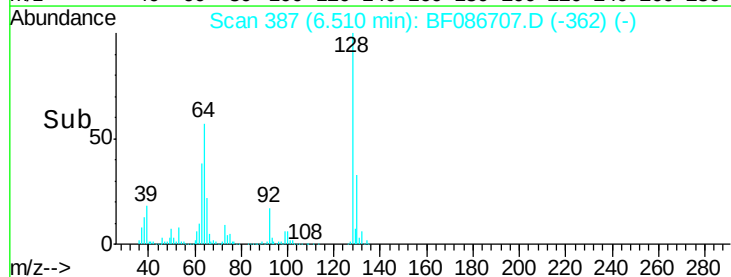
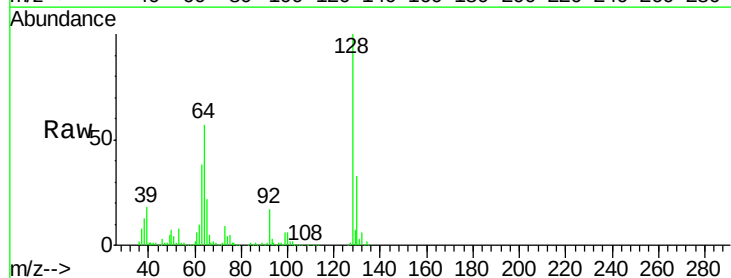
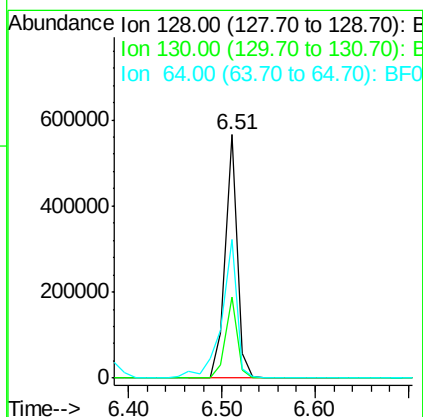
Delta R.T. -0.01 min

Lab File: BF086707.D

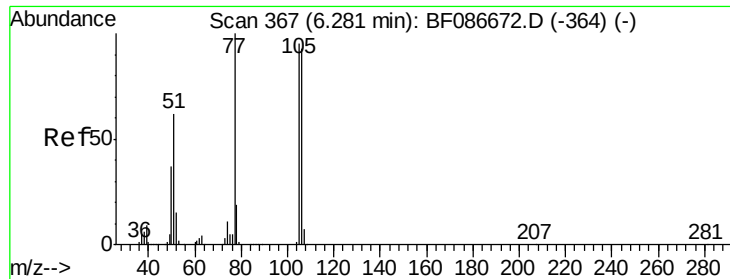
Acq: 5 May 2016 14:04

Tgt Ion: 128 Resp: 509053

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.3  | 12.5  | 52.5  |
| 64  | 56.7  | 27.3  | 67.3  |







#9

Benzaldehyde

Concen: 37.69 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF086707.D

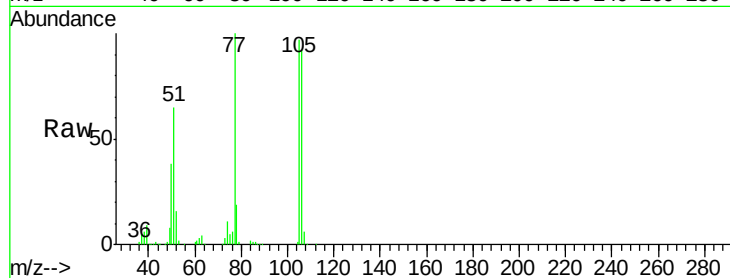
Acq: 5 May 2016 14:04

Instrument :

BNA\_F

ClientSampleId :

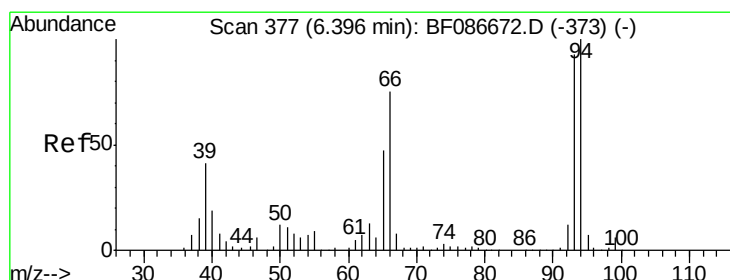
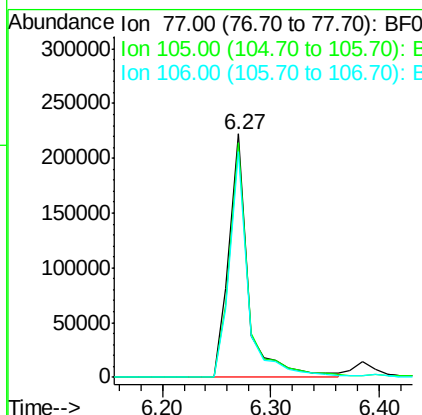
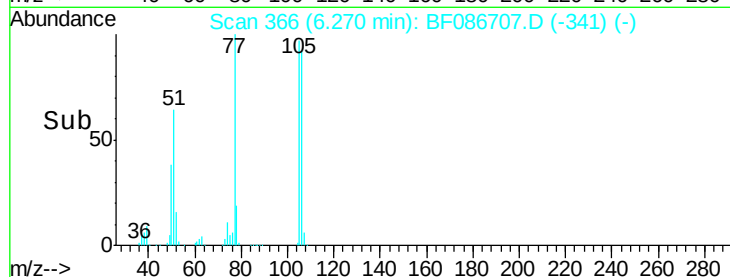
SSTDCCC040



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 274208 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 96.5  | 72.7  | 112.7  |
| 106      | 92.5  | 70.8  | 110.8  |

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#10

Phenol

Concen: 41.95 ng

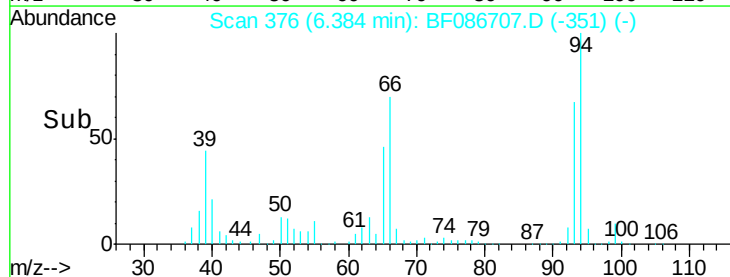
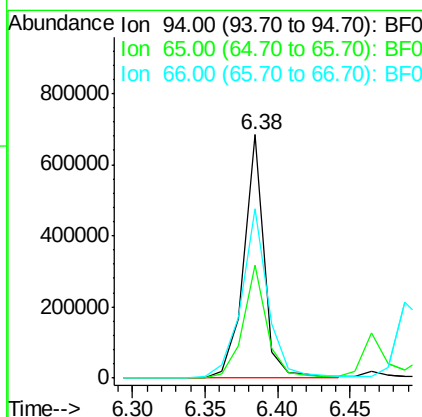
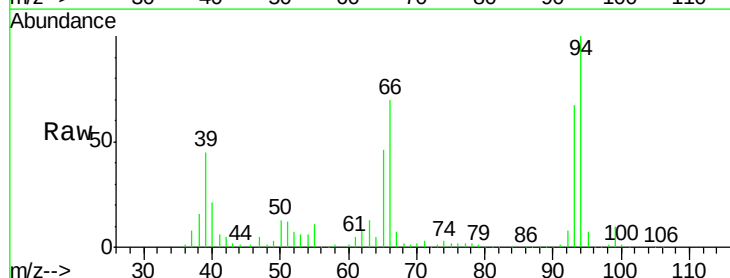
RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

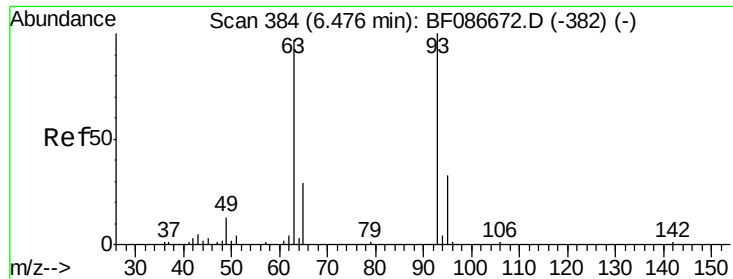
Lab File: BF086707.D

Acq: 5 May 2016 14:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 669258 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 46.4  | 7.2   | 47.2   |
| 66       | 69.6  | 14.9  | 54.9#  |







#11

bis(2-Chloroethyl)ether

Concen: 36.10 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

Instrument :

BNA\_F

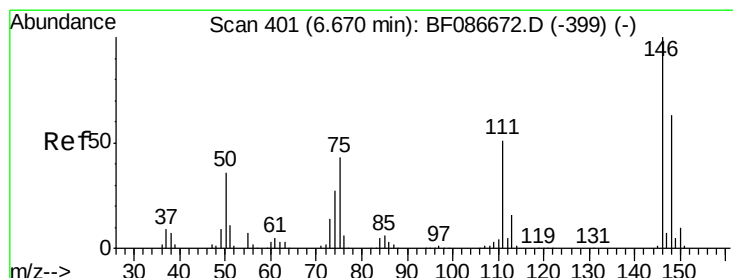
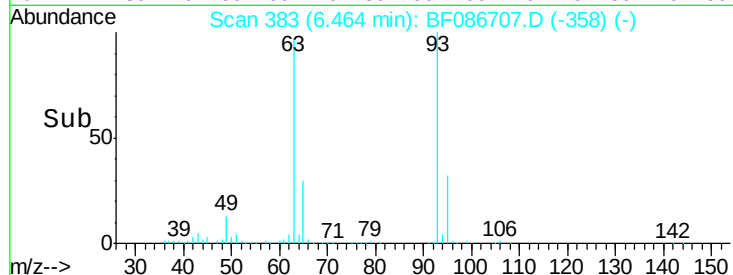
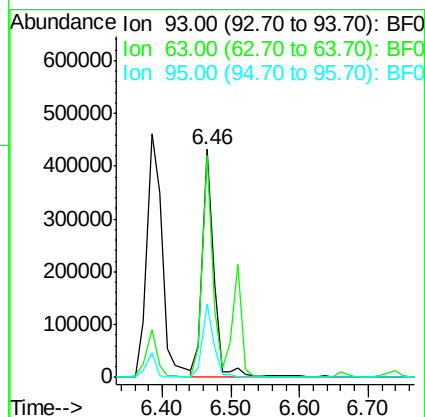
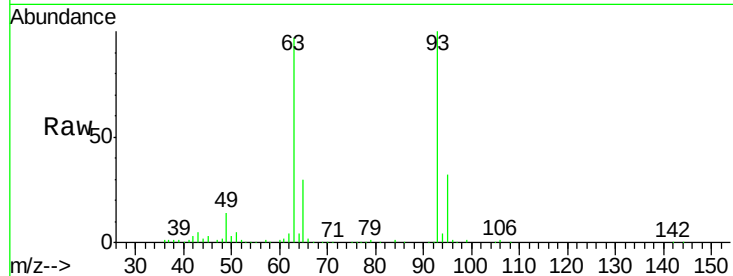
ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 495715 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 97.3  | 58.0  | 98.0   |
| 95       | 32.4  | 11.9  | 51.9   |

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#12

1,3-Dichlorobenzene

Concen: 38.32 ng m

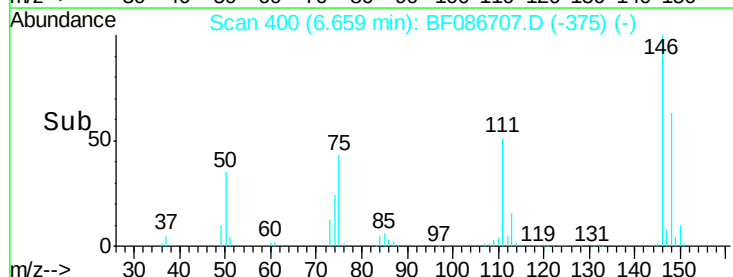
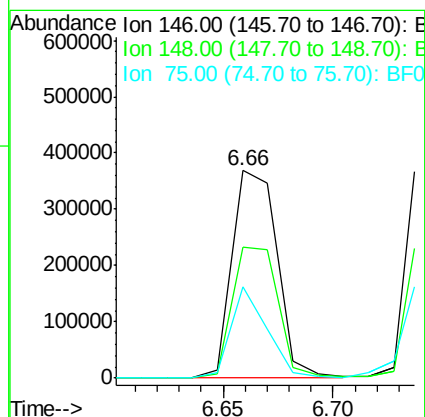
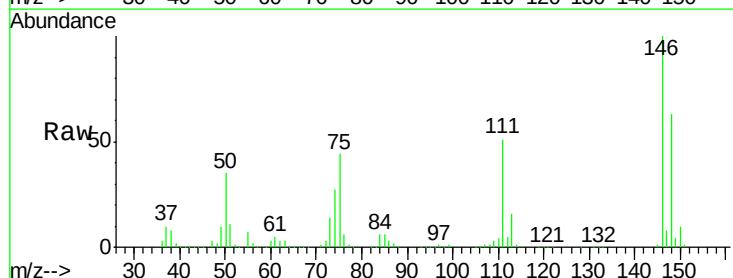
RT: 6.66 min Scan# 400

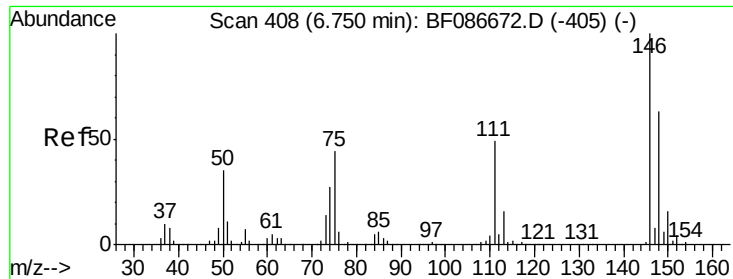
Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 528633 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 63.3  | 52.4  | 78.6   |
| 75       | 43.8  | 22.8  | 34.2#  |





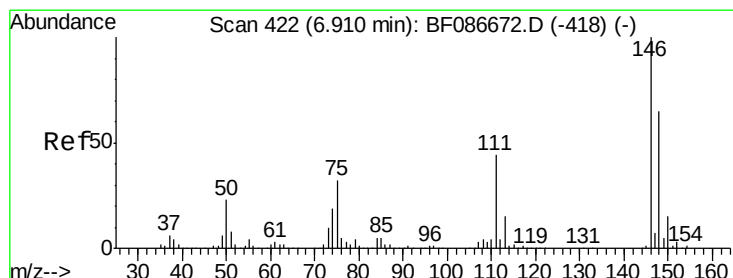
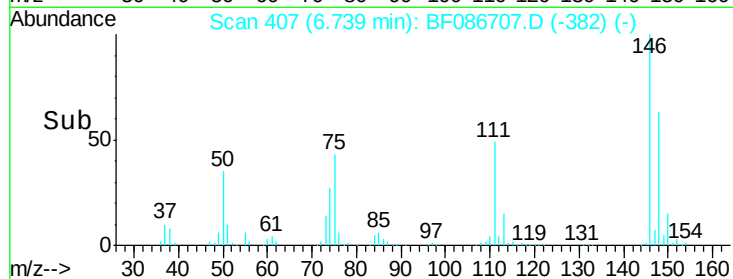
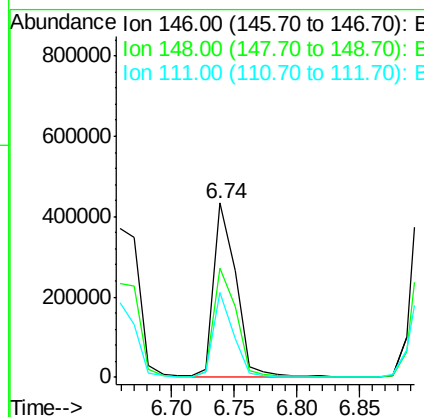
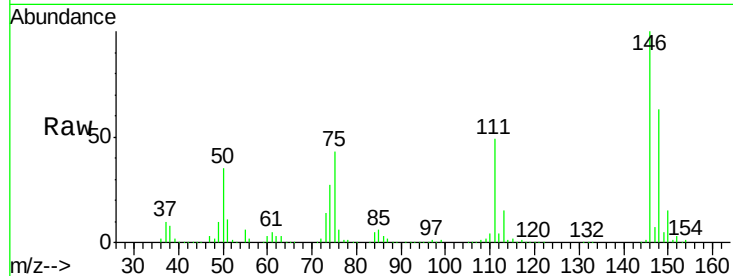
#13  
 1,4-Dichlorobenzene  
 Concen: 37.49 ng m  
 RT: 6.74 min Scan# 407  
 Delta R.T. -0.01 min  
 Lab File: BF086707.D  
 Acq: 5 May 2016 14:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.7  | 52.2  | 78.4  |
| 111     | 48.7  | 30.7  | 46.1  |

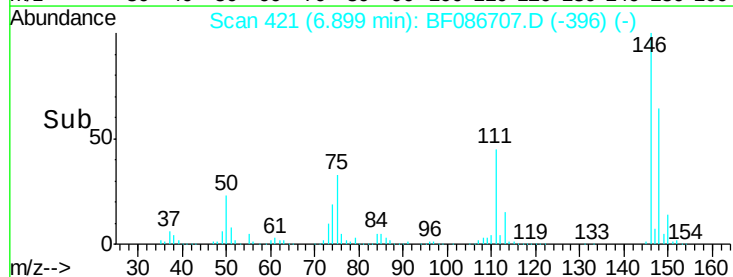
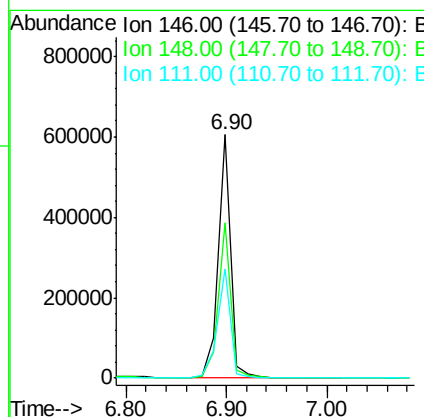
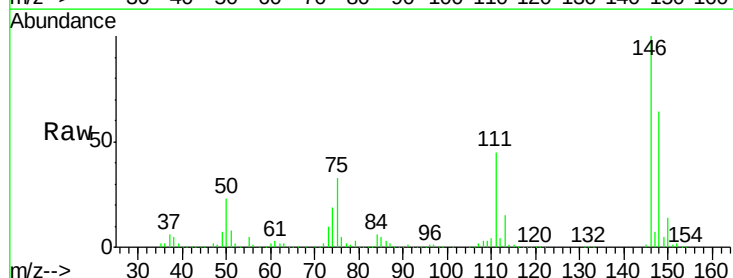
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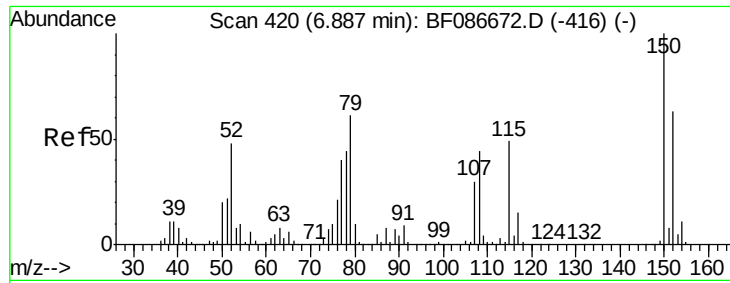
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#14  
 1,2-Dichlorobenzene  
 Concen: 41.84 ng  
 RT: 6.90 min Scan# 421  
 Delta R.T. -0.01 min  
 Lab File: BF086707.D  
 Acq: 5 May 2016 14:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 51.0  | 76.6  |
| 111     | 45.1  | 36.2  | 54.4  |





#15

Benzyl Alcohol

Concen: 40.79 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 384808  
Ion Ratio Lower Upper

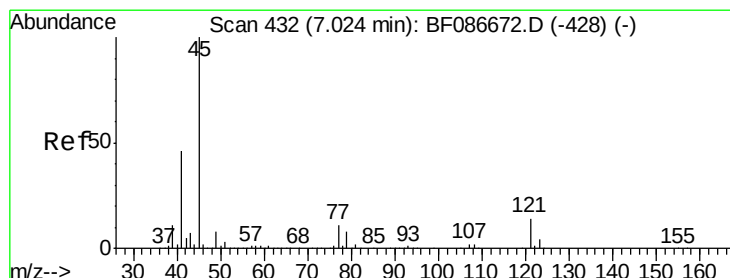
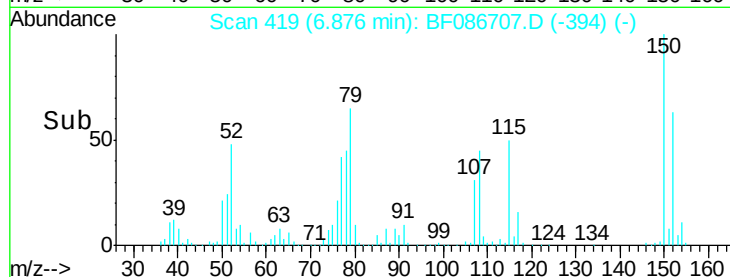
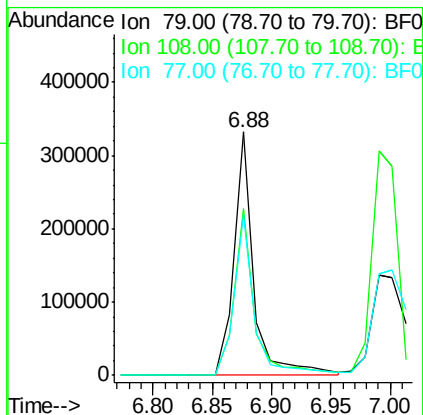
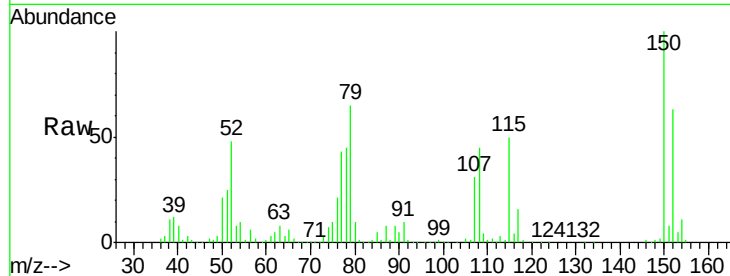
79 100

108 68.7 68.4 102.6

77 65.8 50.6 76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.44 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF086707.D

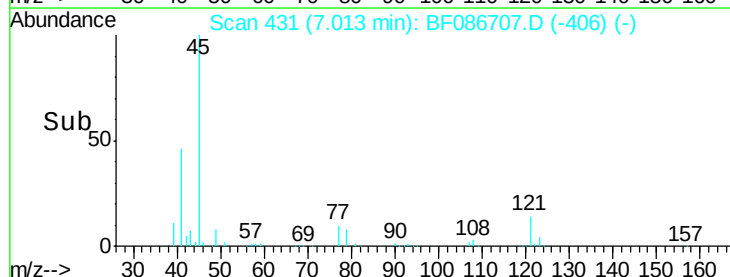
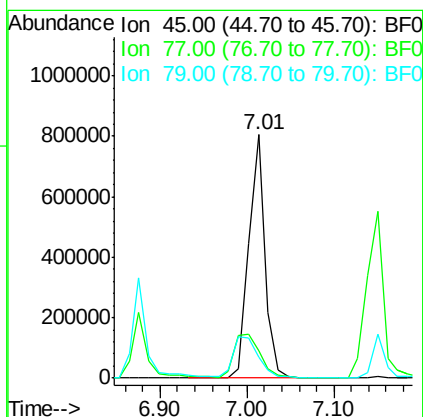
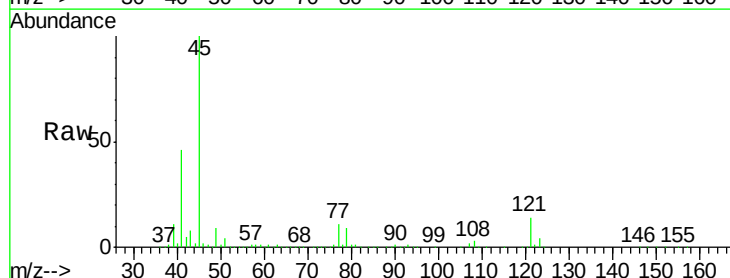
Acq: 5 May 2016 14:04

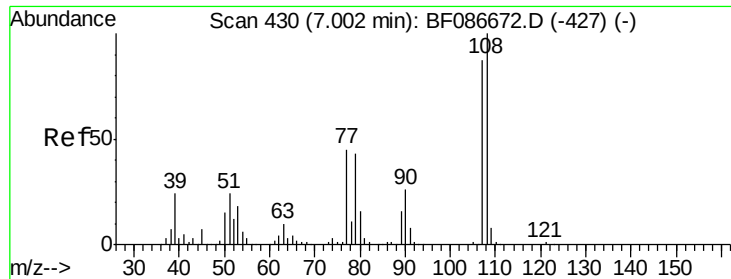
Tgt Ion: 45 Resp: 1051360  
Ion Ratio Lower Upper

45 100

77 11.1 0.0 36.4

79 8.7 0.0 33.4





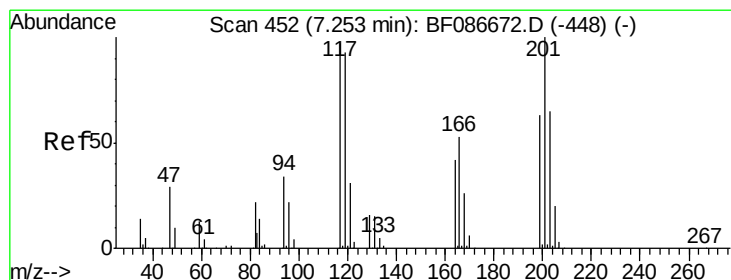
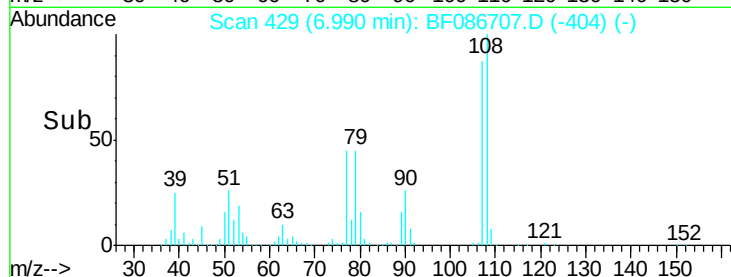
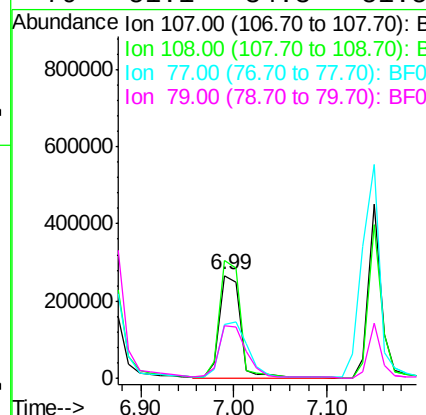
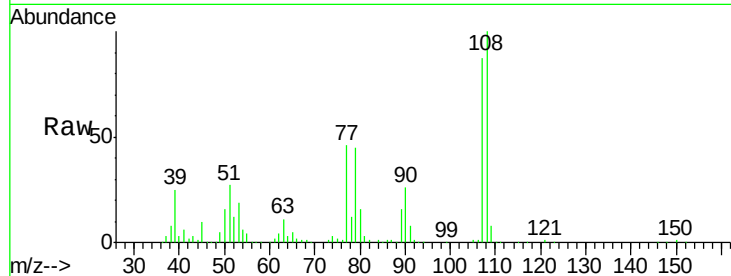
#17  
2-Methylphenol  
Concen: 38.99 ng  
RT: 6.99 min Scan# 429  
Delta R.T. -0.01 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 407865 |       |       |
| 108     | 114.7 | 93.7   | 140.5 |       |
| 77      | 52.3  | 33.4   | 50.0# |       |
| 79      | 51.1  | 34.3   | 51.5  |       |

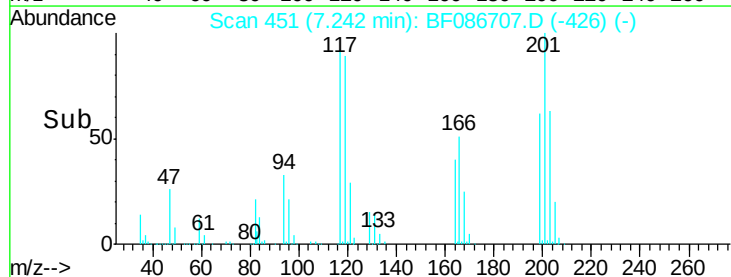
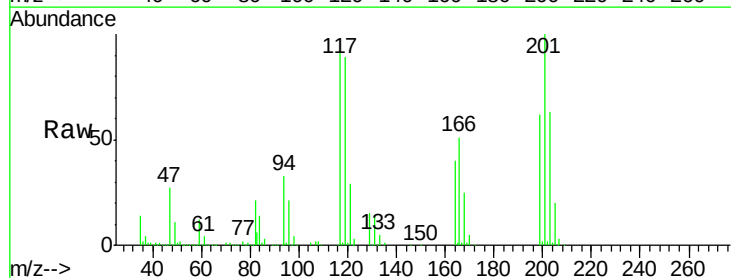
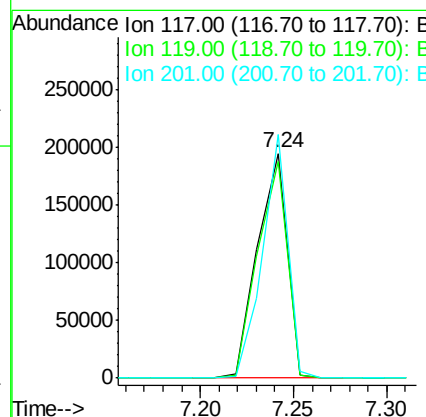
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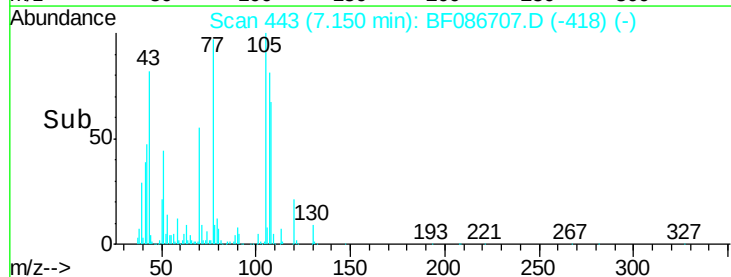
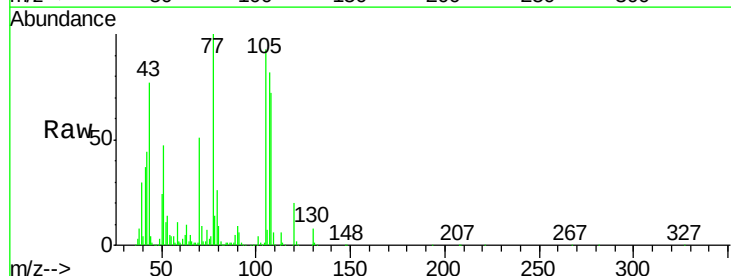
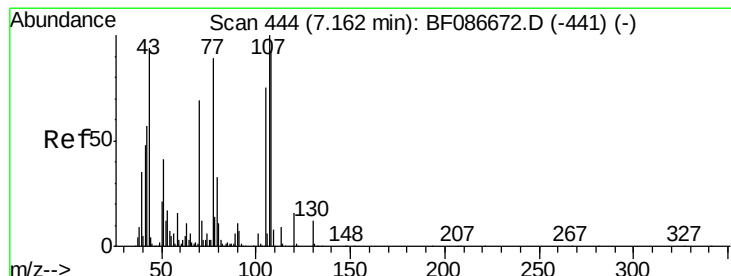
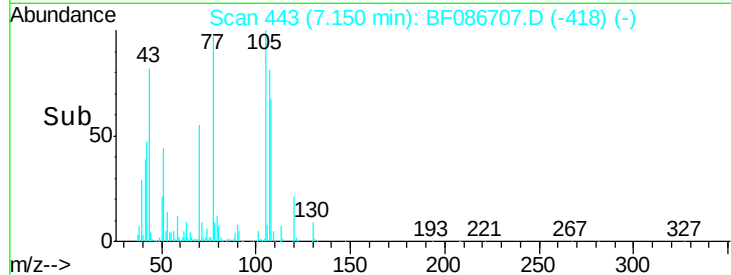
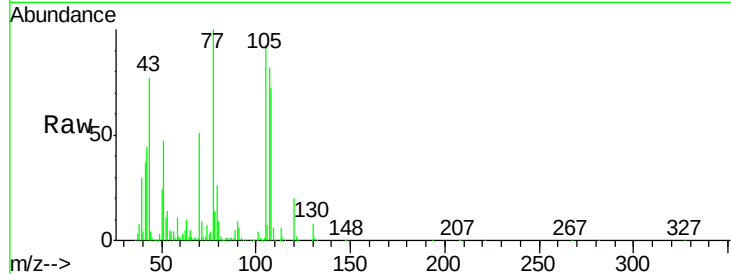
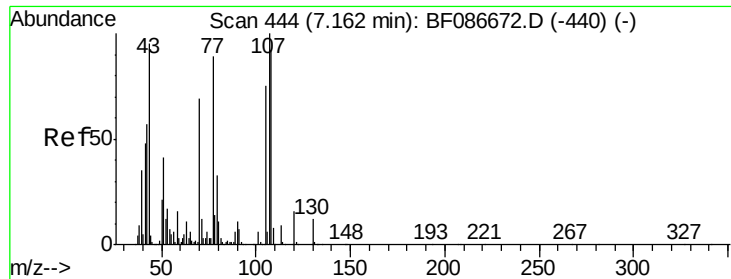
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#18  
Hexachloroethane  
Concen: 39.82 ng  
RT: 7.24 min Scan# 451  
Delta R.T. -0.01 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 214463 |       |       |
| 119     | 96.4  | 76.5   | 114.7 |       |
| 201     | 108.4 | 63.0   | 94.6# |       |





#19

n-Nitroso-di-n-propylamine

Concen: 35.53 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 354076

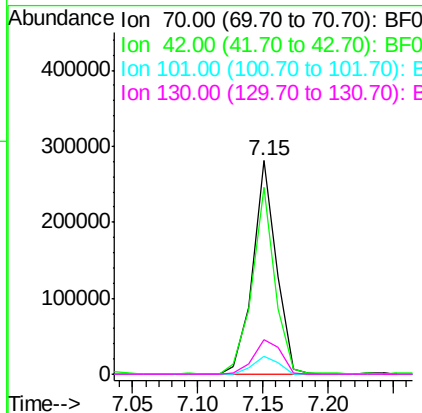
Ion Ratio Lower Upper

70 100

42 87.5 43.1 64.7#

101 8.4 8.1 12.1

130 16.4 18.6 28.0#



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#20

3+4-Methylphenols

Concen: 37.27 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

Tgt Ion: 107 Resp: 456508

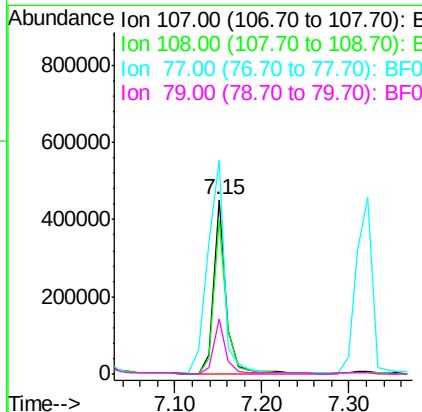
Ion Ratio Lower Upper

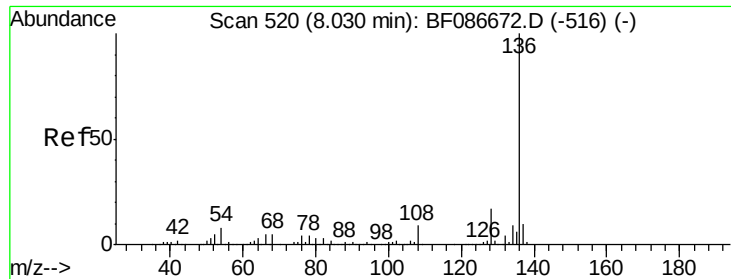
107 100

108 88.2 68.5 108.5

77 122.5 101.6 141.6

79 31.7 7.4 47.4





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

Instrument :

BNA\_F

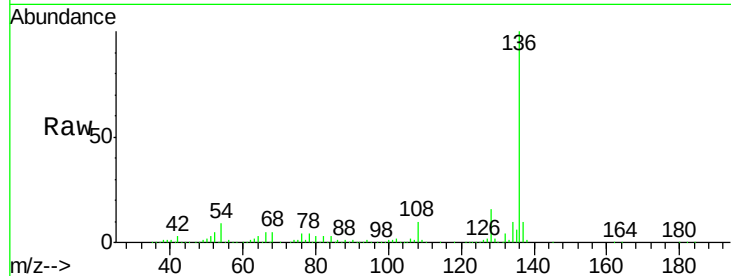
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 136     | 100   |            |            |
| 137     | 10.5  | 8.8        | 13.2       |
| 54      | 8.7   | 5.0        | 7.4#       |
| 68      | 5.3   | 4.4        | 6.6        |

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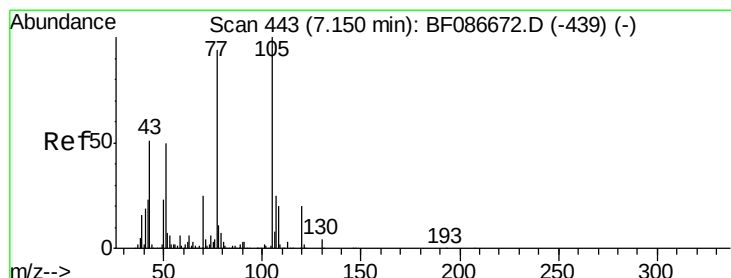
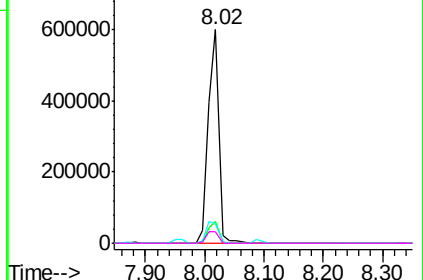
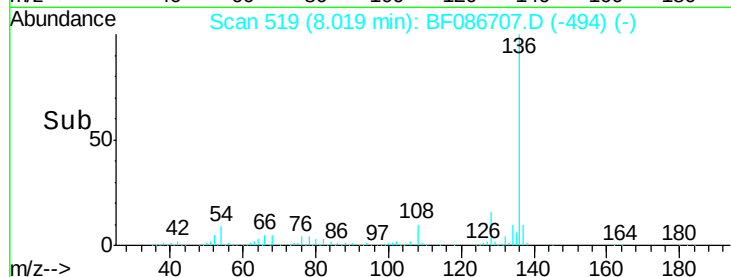


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.06 ng

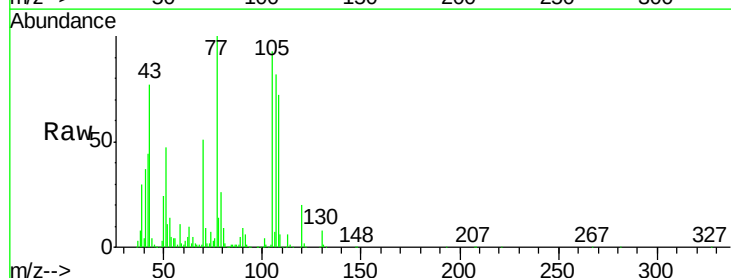
RT: 7.15 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 105     | 100   |            |            |
| 71      | 9.2   | 4.8        | 7.2#       |
| 51      | 50.9  | 32.6       | 49.0#      |
| 120     | 21.3  | 16.5       | 24.7       |

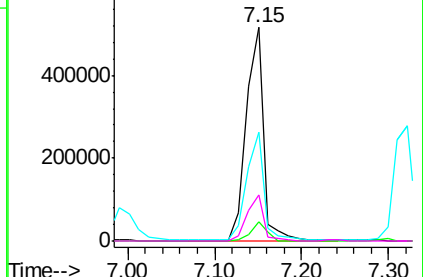
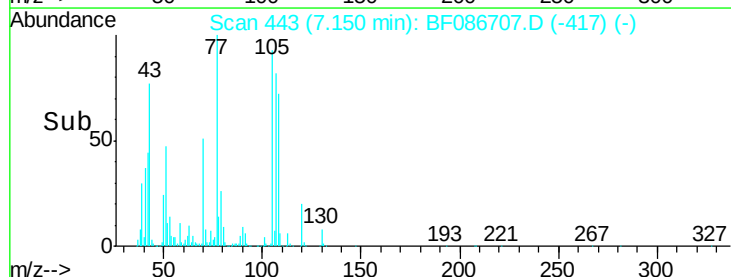


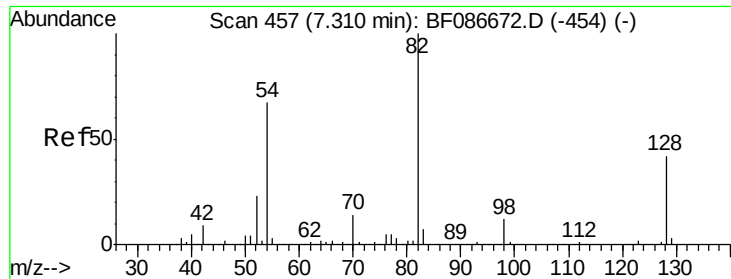
Abundance Ion 105.00 (104.70 to 105.70): E

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





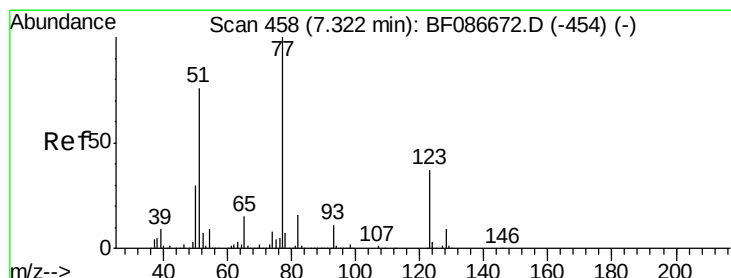
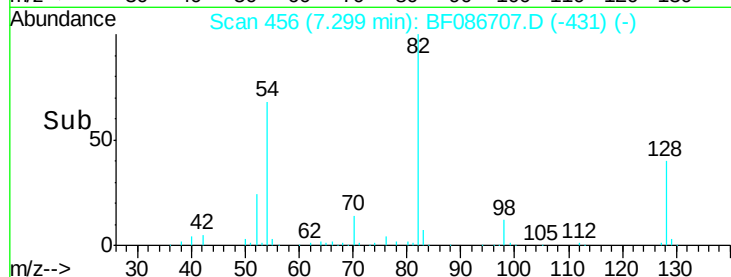
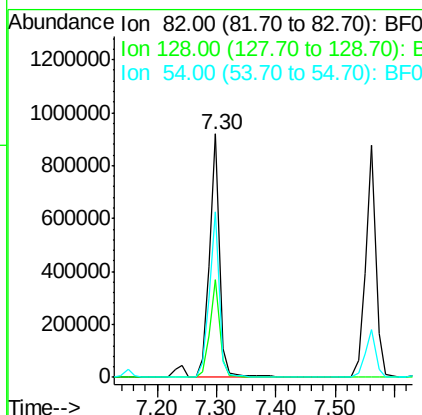
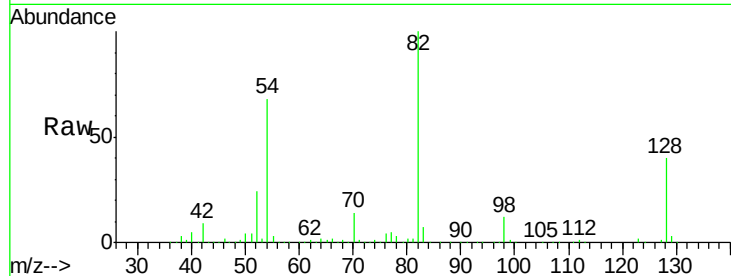
#23  
 Nitrobenzene-d5  
 Concen: 75.57 ng  
 RT: 7.30 min Scan# 456  
 Delta R.T. -0.01 min  
 Lab File: BF086707.D  
 Acq: 5 May 2016 14:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 82 Resp: 1082994  
 Ion Ratio Lower Upper  
 82 100  
 128 40.3 40.6 61.0#  
 54 68.2 38.1 57.1#

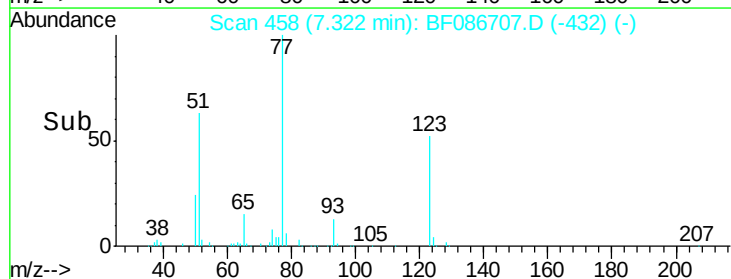
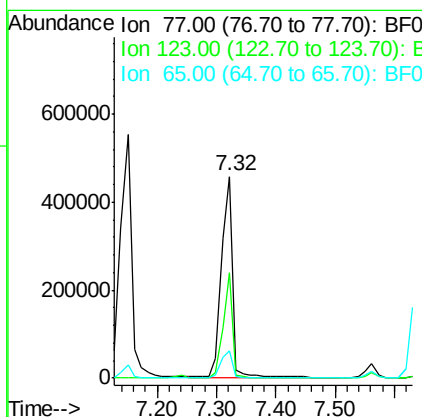
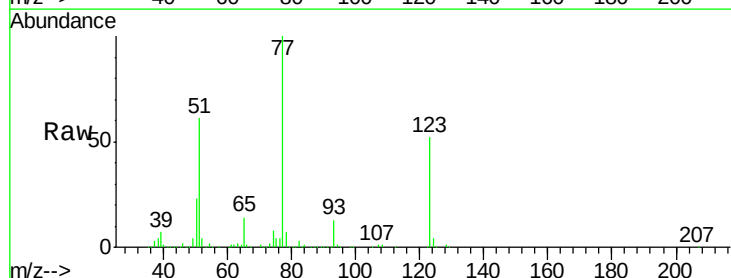
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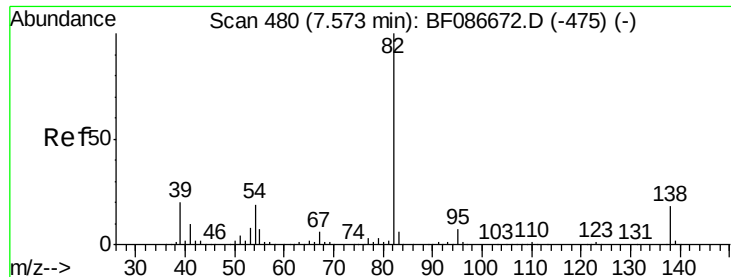


#24  
 Nitrobenzene  
 Concen: 40.52 ng  
 RT: 7.32 min Scan# 458  
 Delta R.T. 0.00 min  
 Lab File: BF086707.D  
 Acq: 5 May 2016 14:04

Tgt Ion: 77 Resp: 600282  
 Ion Ratio Lower Upper  
 77 100  
 123 52.2 33.0 49.4#  
 65 13.8 10.8 16.2







#25

Isophorone

Concen: 38.87 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

Instrument :

BNA\_F

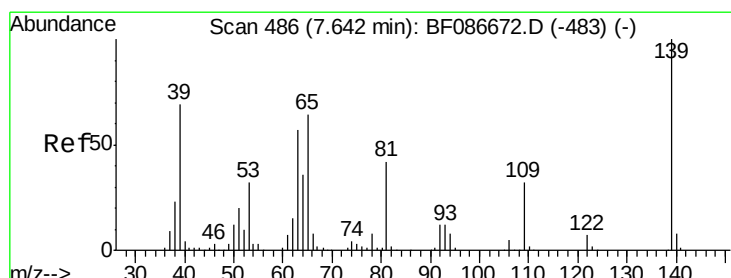
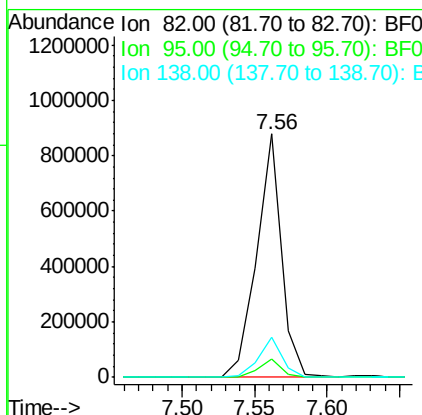
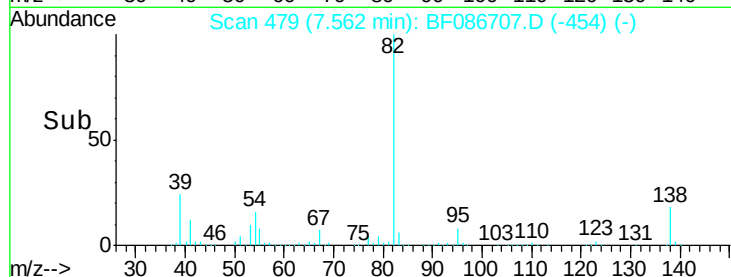
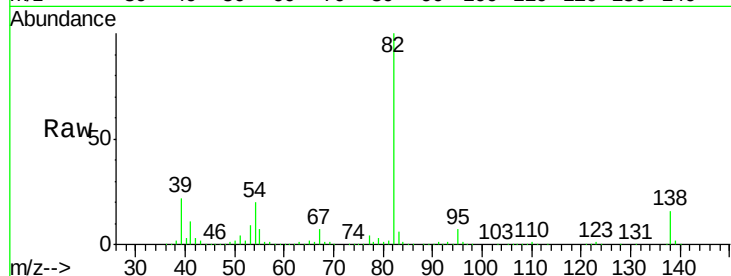
ClientSampleId :

SSTDCCC040

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 1037455 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 95       | 7.5   | 5.1   | 7.7     |
| 138      | 16.4  | 12.4  | 18.6    |

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#26

2-Nitrophenol

Concen: 38.66 ng

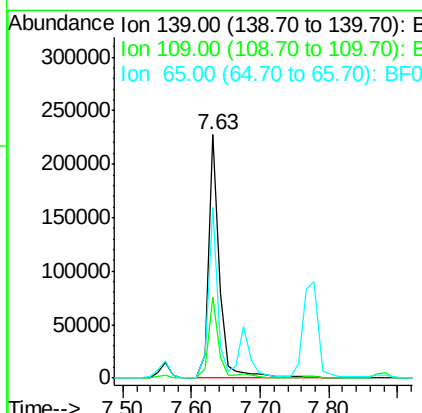
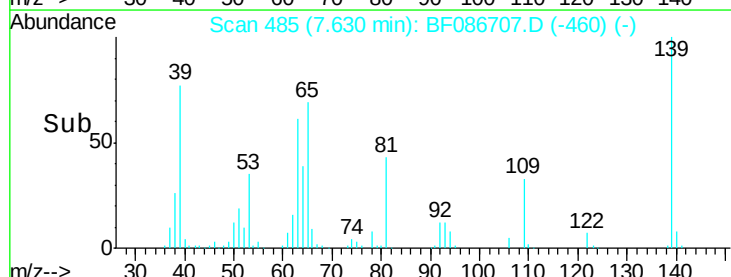
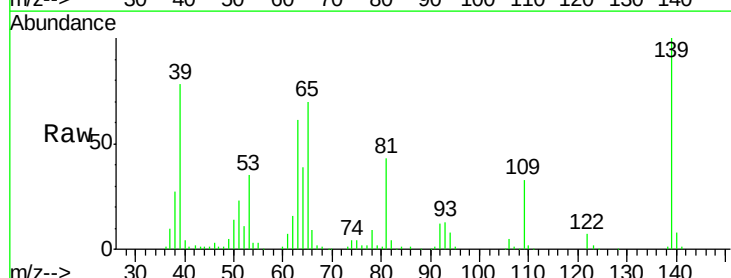
RT: 7.63 min Scan# 485

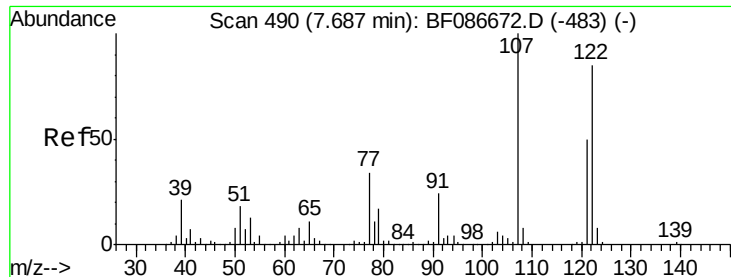
Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 139   | Resp: | 255599 |
| Ion      | Ratio | Lower | Upper  |
| 139      | 100   |       |        |
| 109      | 33.3  | 19.5  | 29.3#  |
| 65       | 70.1  | 37.5  | 56.3#  |





#27

2,4-Dimethylphenol

Concen: 37.83 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

Instrument :

BNA\_F

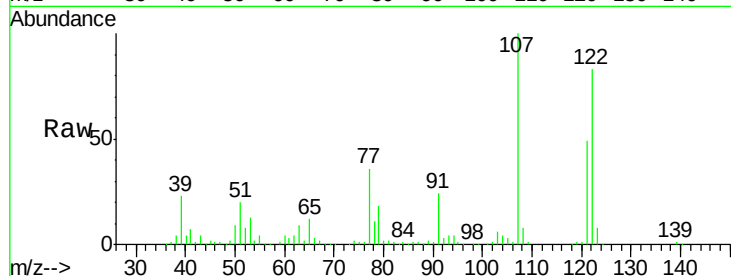
ClientSampleId :

SSTDCCC040

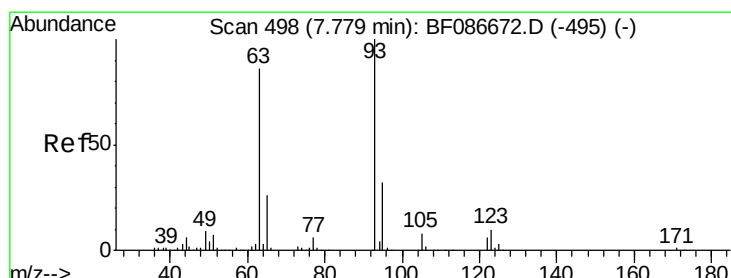
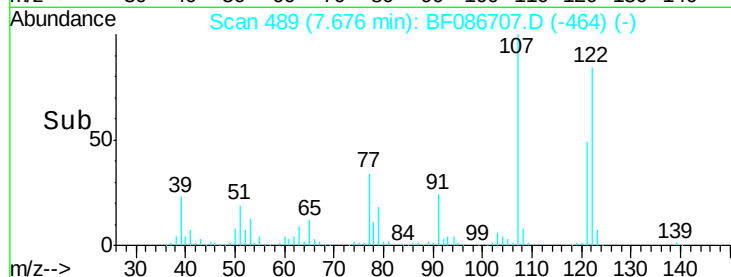
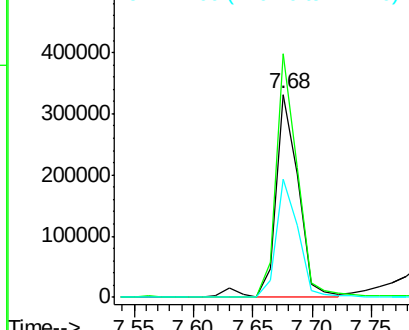
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 439167 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 120.1 | 82.0  | 123.0  |
| 121       | 58.4  | 46.1  | 69.1   |

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Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.96 ng

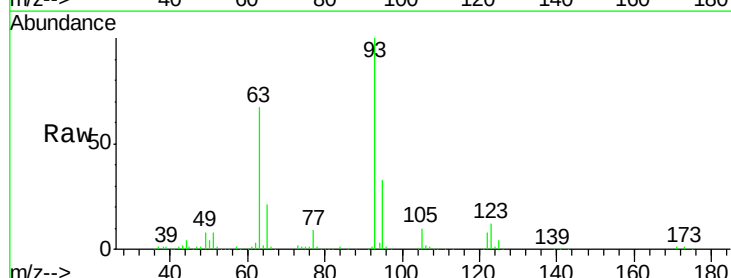
RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

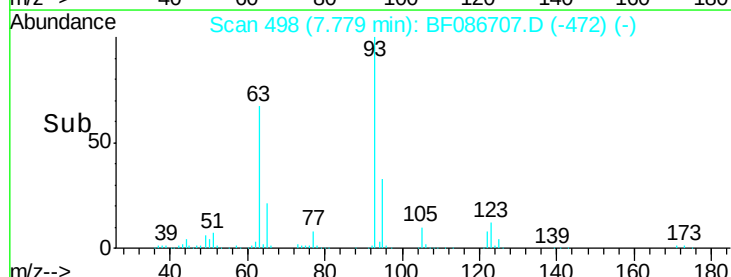
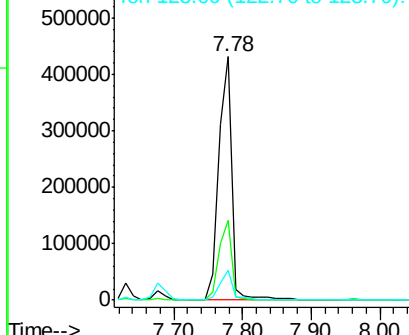
Lab File: BF086707.D

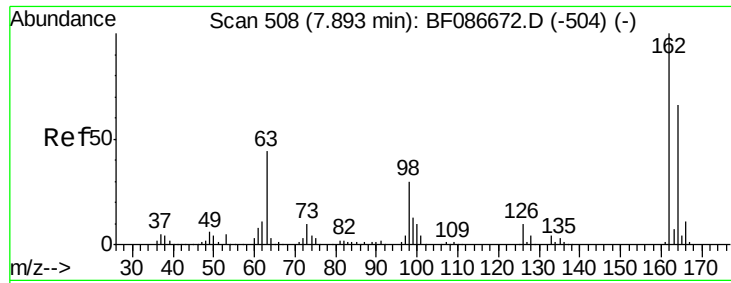
Acq: 5 May 2016 14:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 572335 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.8  | 26.0  | 39.0   |
| 123       | 12.3  | 9.5   | 14.3   |



Abundance Ion 93.00 (92.70 to 93.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 123.00 (122.70 to 123.70): E





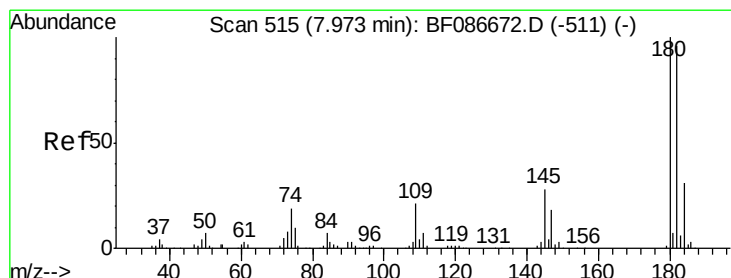
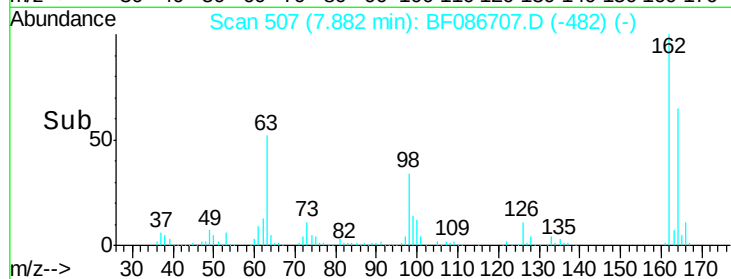
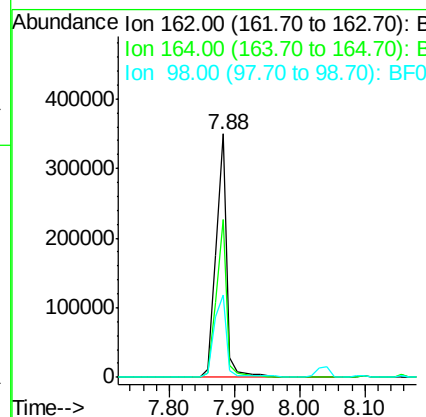
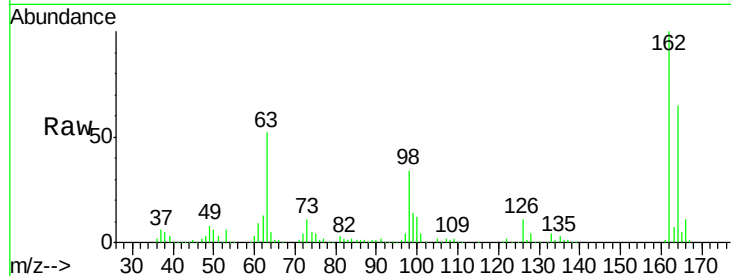
#29  
 2,4-Dichlorophenol  
 Concen: 41.12 ng  
 RT: 7.88 min Scan# 507  
 Delta R.T. -0.01 min  
 Lab File: BF086707.D  
 Acq: 5 May 2016 14:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 410428 |       |       |
| 164     | 65.0  | 42.2   | 82.2  |       |
| 98      | 33.6  | 19.0   | 59.0  |       |

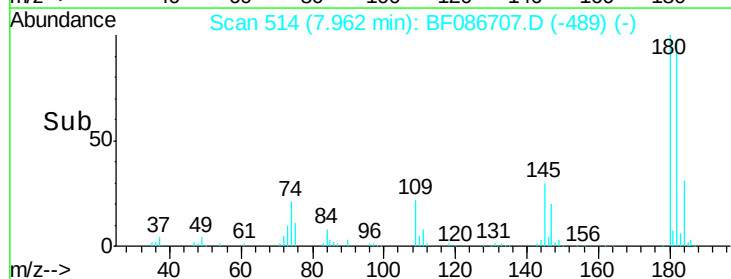
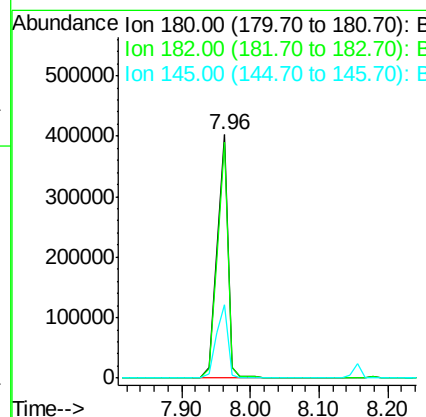
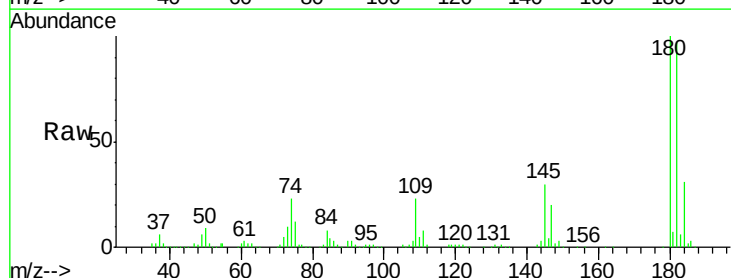
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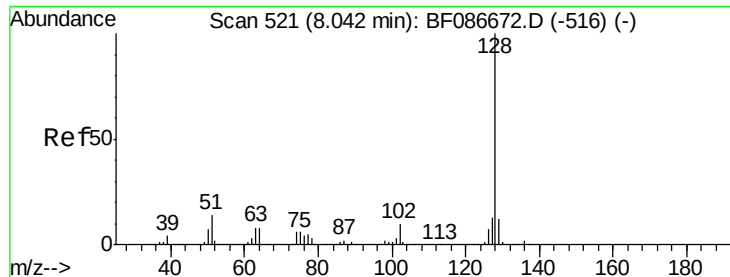
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.75 ng  
 RT: 7.96 min Scan# 514  
 Delta R.T. -0.01 min  
 Lab File: BF086707.D  
 Acq: 5 May 2016 14:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 453714 |       |       |
| 182     | 96.8  | 78.0   | 117.0 |       |
| 145     | 30.3  | 24.2   | 36.2  |       |





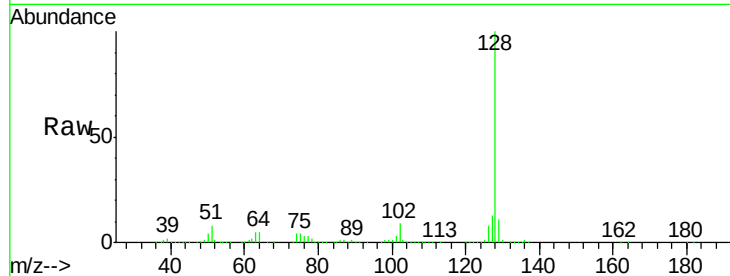
#31  
Naphthalene  
Concen: 37.87 ng  
RT: 8.04 min Scan# 521  
Delta R.T. 0.00 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

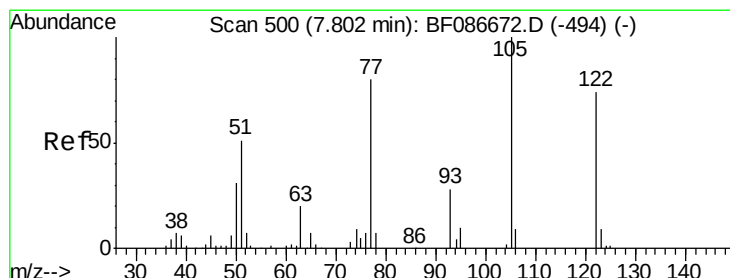
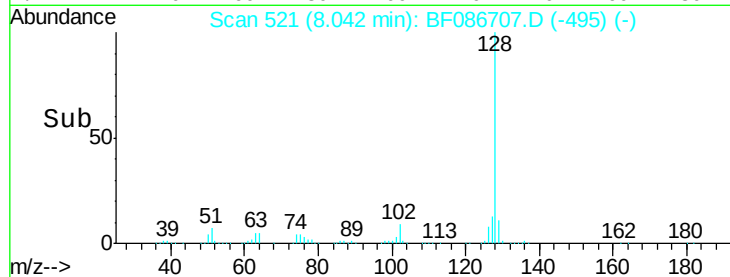
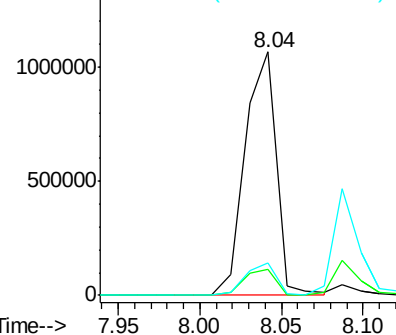
Tgt Ion:128 Resp: 1424713  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.6 13.0  
127 13.4 10.8 16.2

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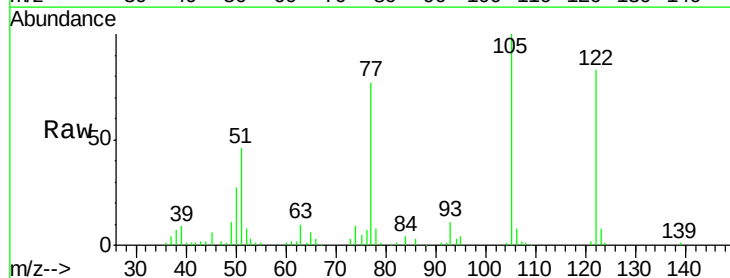


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

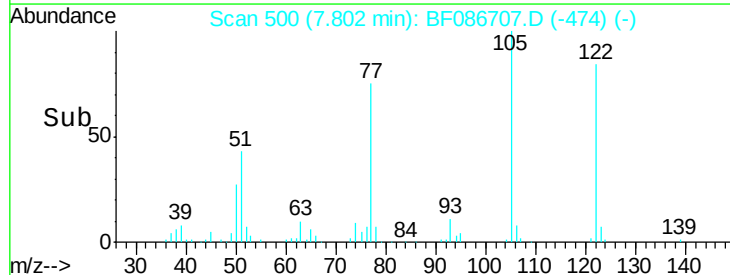
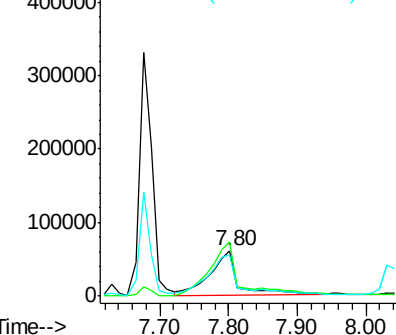


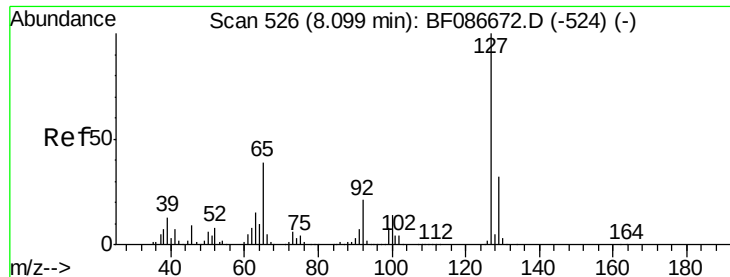
#32  
Benzoic acid  
Concen: 38.84 ng  
RT: 7.80 min Scan# 500  
Delta R.T. 0.00 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

Tgt Ion:122 Resp: 167084  
Ion Ratio Lower Upper  
122 100  
105 120.1 92.6 132.6  
77 91.9 60.0 100.0



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





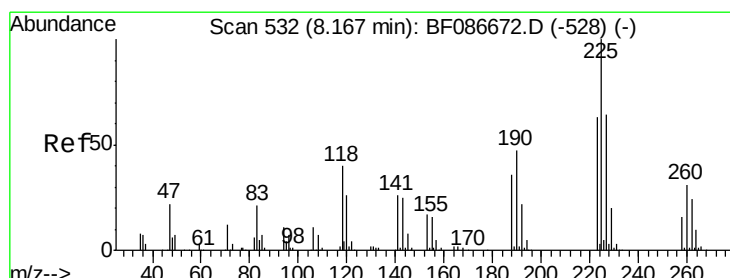
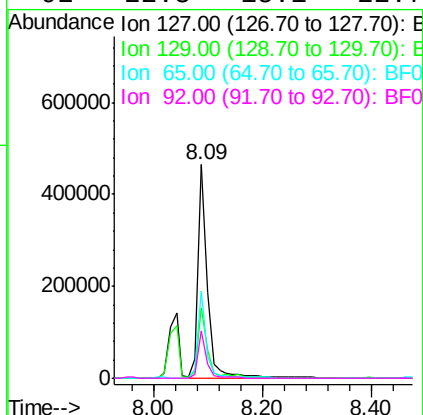
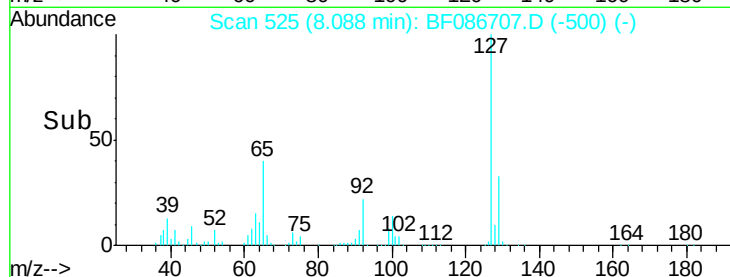
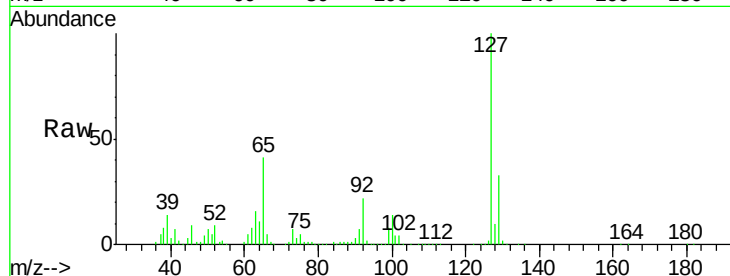
#33  
4-Chloroaniline  
Concen: 37.68 ng  
RT: 8.09 min Scan# 525  
Delta R.T. -0.01 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 549215 |       |       |
| 129     | 32.8  | 26.2   | 39.4  |       |
| 65      | 40.7  | 23.0   | 34.4  |       |
| 92      | 22.3  | 15.1   | 22.7  |       |

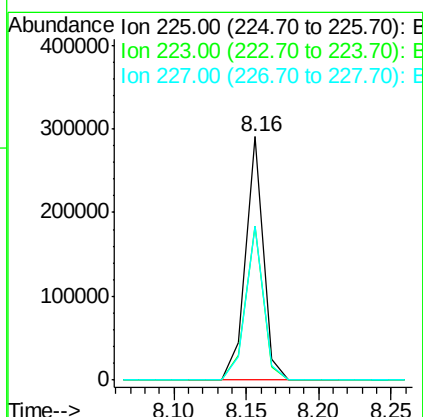
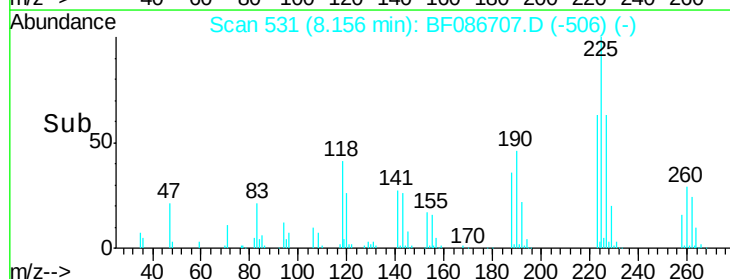
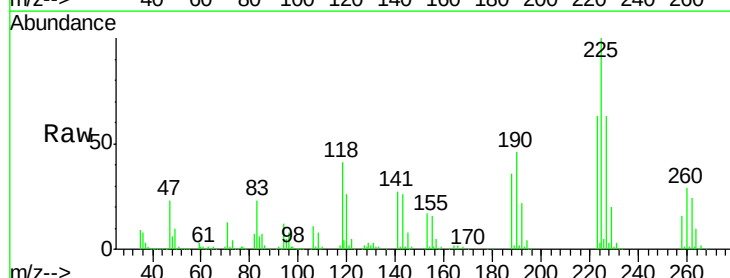
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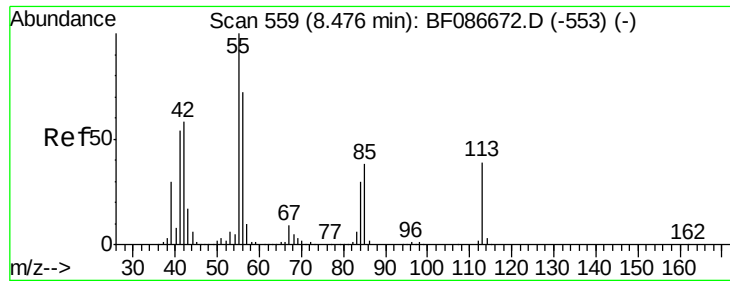
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#34  
Hexachlorobutadiene  
Concen: 39.46 ng  
RT: 8.16 min Scan# 531  
Delta R.T. -0.01 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 249463 |       |       |
| 223     | 63.4  | 51.5   | 77.3  |       |
| 227     | 63.2  | 52.2   | 78.2  |       |





#35

Caprolactam

Concen: 46.02 ng

RT: 8.48 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

Instrument :

BNA\_F

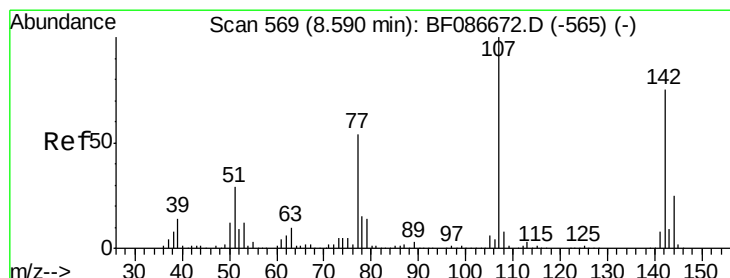
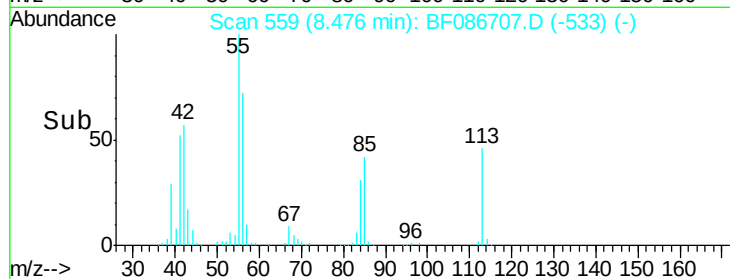
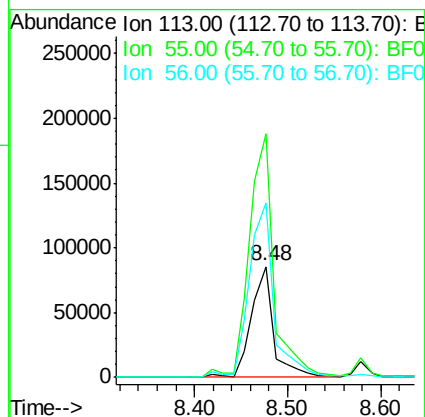
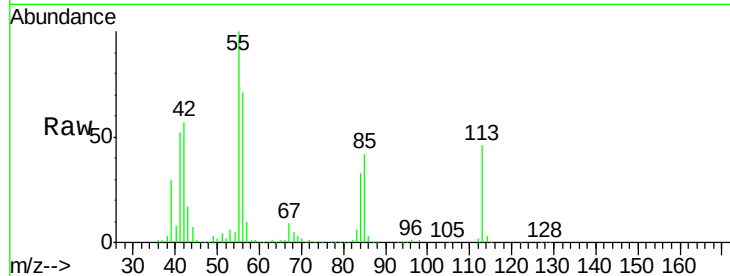
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 113     | 100   | 142156 |        |       |
| 55      | 219.8 | 162.0  | 202.0# |       |
| 56      | 157.1 | 115.3  | 155.3# |       |

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#36

4-Chloro-3-methylphenol

Concen: 38.01 ng

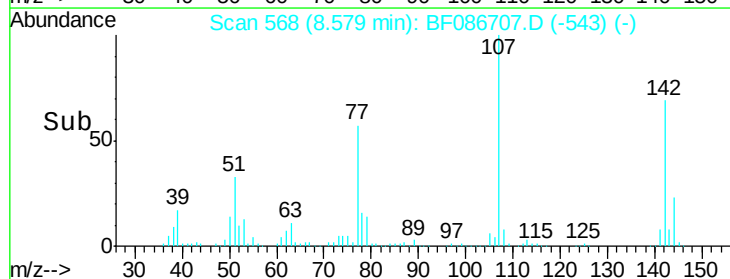
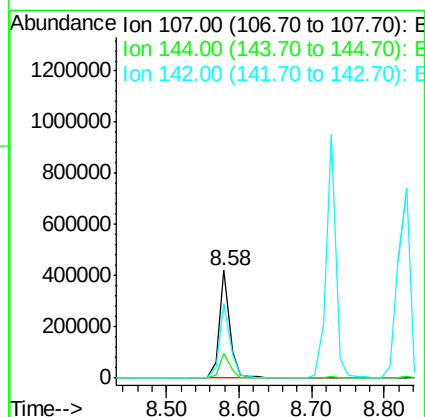
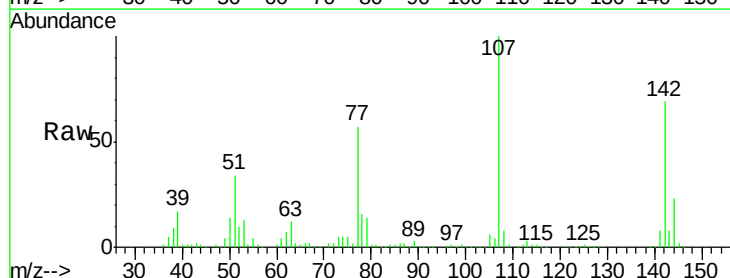
RT: 8.58 min Scan# 568

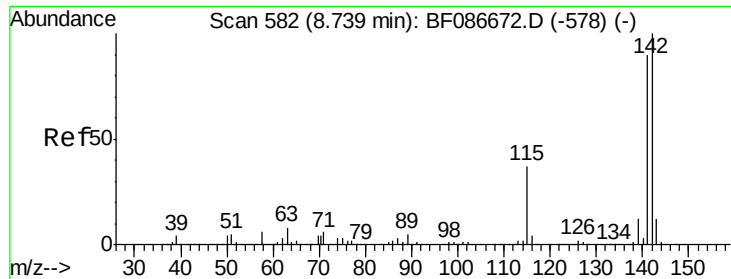
Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 432787 |       |       |
| 144     | 22.8  | 20.7   | 31.1  |       |
| 142     | 69.0  | 63.2   | 94.8  |       |





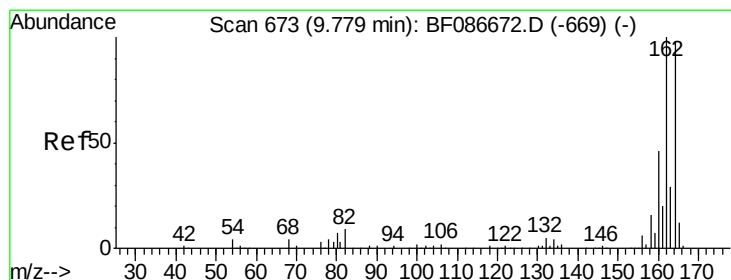
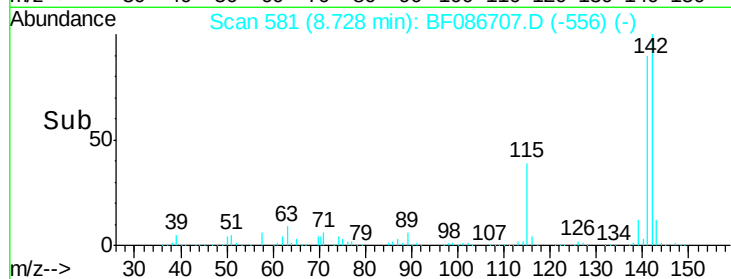
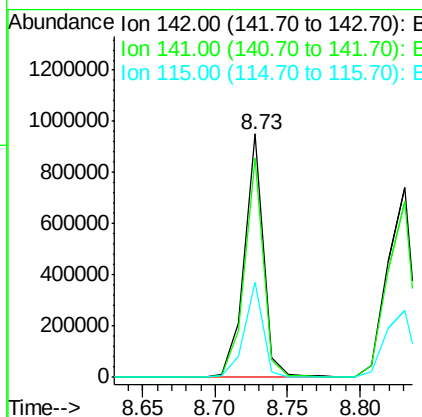
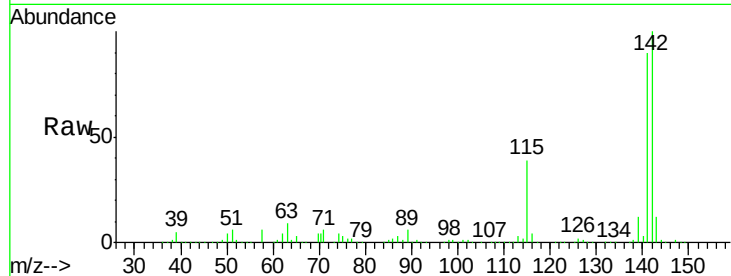
#37  
2-Methylnaphthalene  
Concen: 39.16 ng  
RT: 8.73 min Scan# 581  
Delta R.T. -0.01 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 869285 |       |       |
| 141     | 90.0  | 71.0   | 106.6 |       |
| 115     | 38.9  | 26.6   | 39.8  |       |

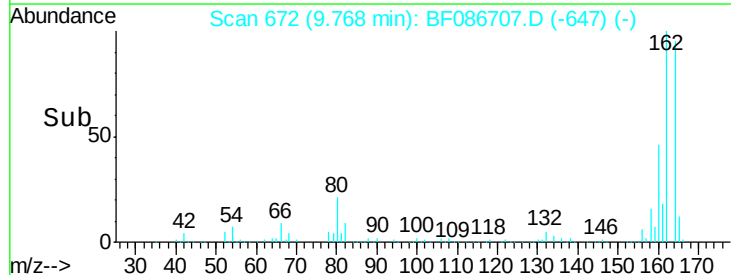
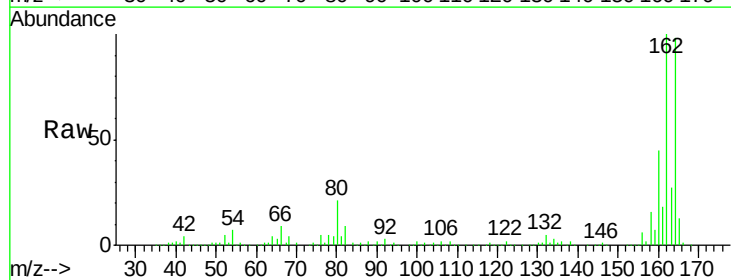
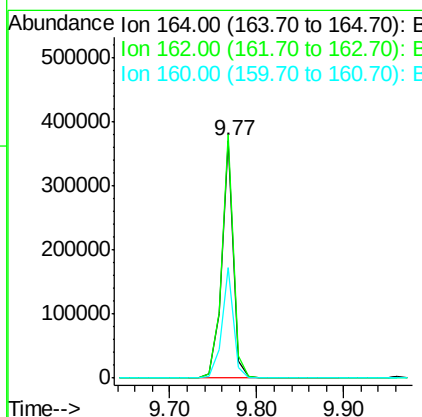
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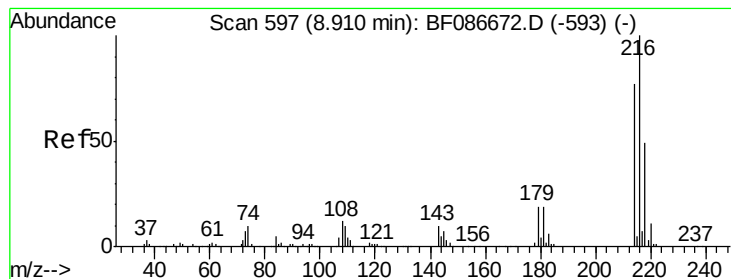
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#38  
Acenaphthene-d10  
Concen: 40.00 ng  
RT: 9.77 min Scan# 672  
Delta R.T. -0.01 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 351328 |       |       |
| 162     | 102.5 | 82.8   | 124.2 |       |
| 160     | 46.6  | 36.9   | 55.3  |       |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.08 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF086707.D

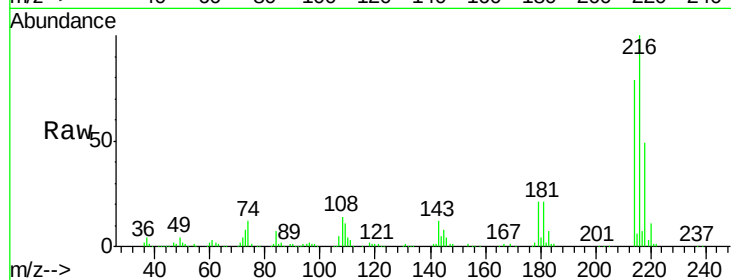
Acq: 5 May 2016 14:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 216 Resp: 407545

Ion Ratio Lower Upper

216 100

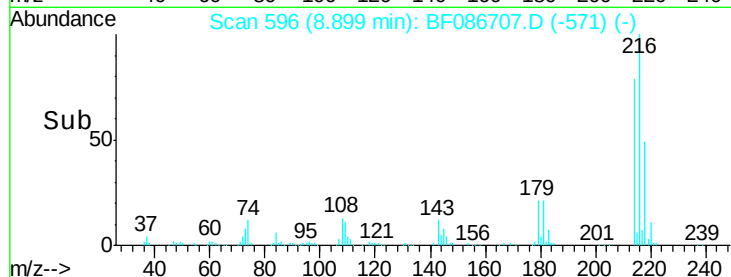
214 80.3 62.6 93.8

179 23.4 18.2 27.4

108 22.6 17.5 26.3

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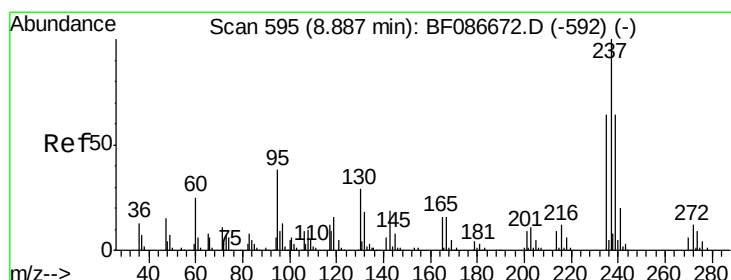
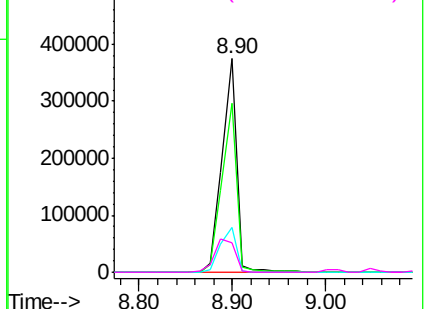


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 39.48 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

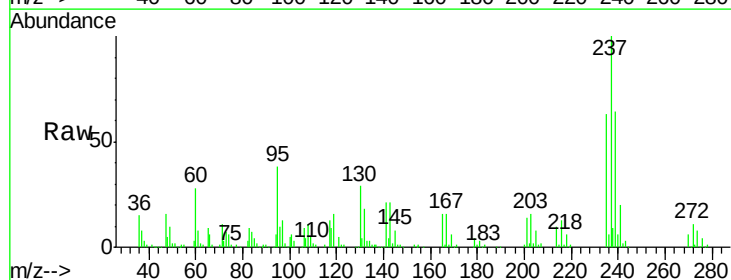
Tgt Ion: 237 Resp: 169199

Ion Ratio Lower Upper

237 100

235 63.5 47.2 87.2

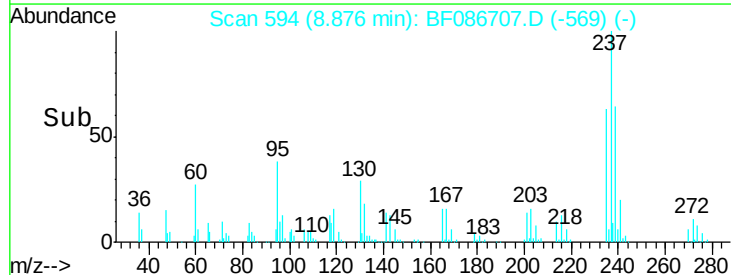
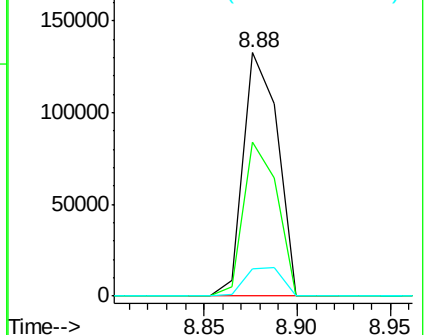
272 11.4 0.0 31.1



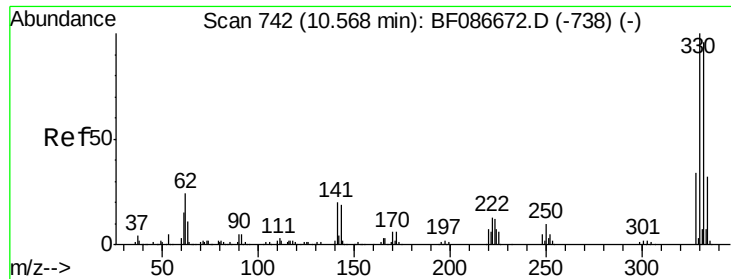
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E







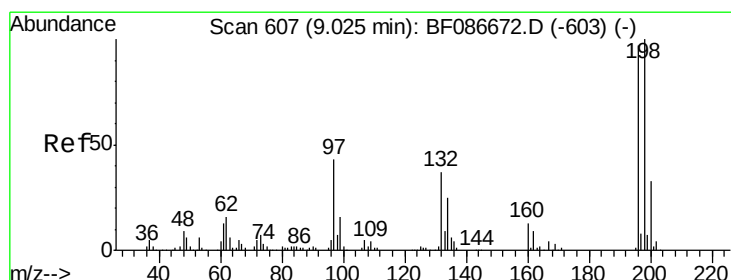
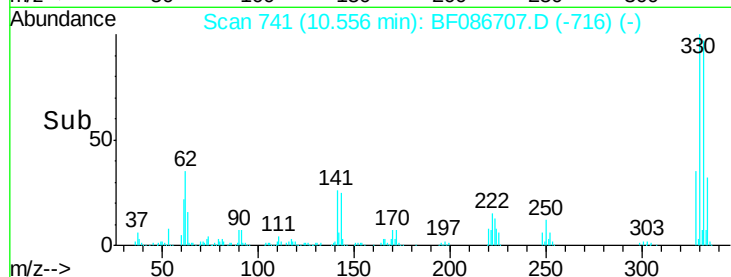
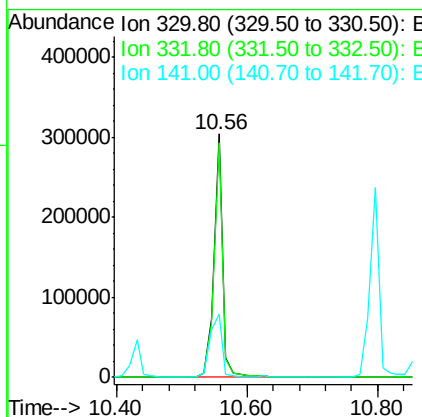
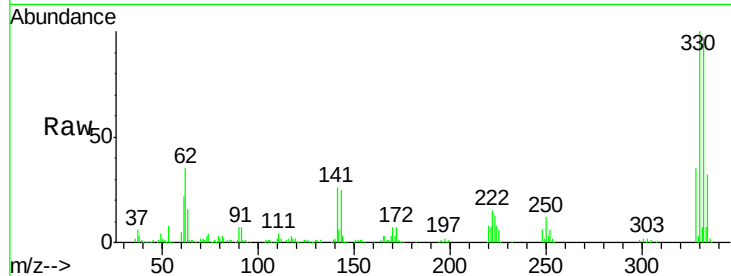
#41  
 2,4,6-Tribromophenol  
 Concen: 85.48 ng  
 RT: 10.56 min Scan# 741  
 Delta R.T. -0.01 min  
 Lab File: BF086707.D  
 Acq: 5 May 2016 14:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 293762 |       |       |
| 332     | 95.9  | 79.0   | 118.4 |       |
| 141     | 35.2  | 31.2   | 46.8  |       |

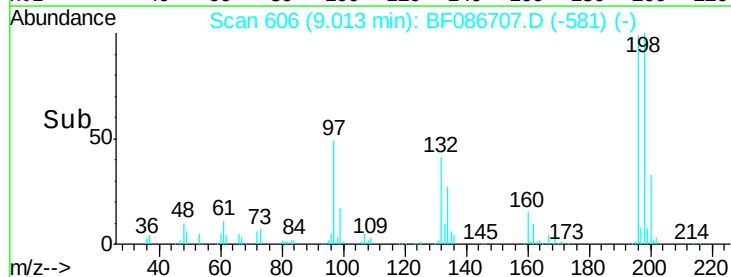
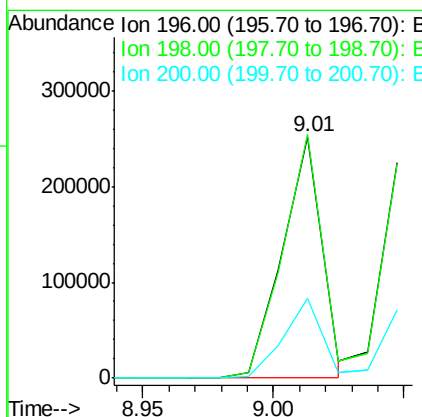
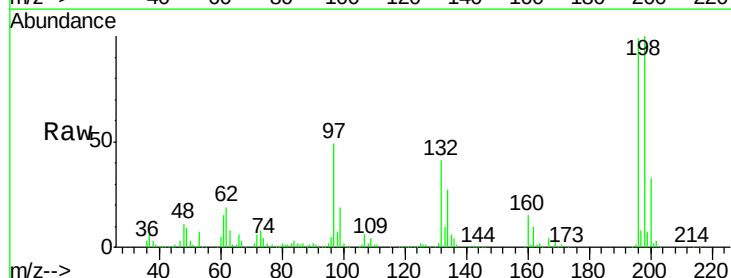
Manual Integrations  
 APPROVED

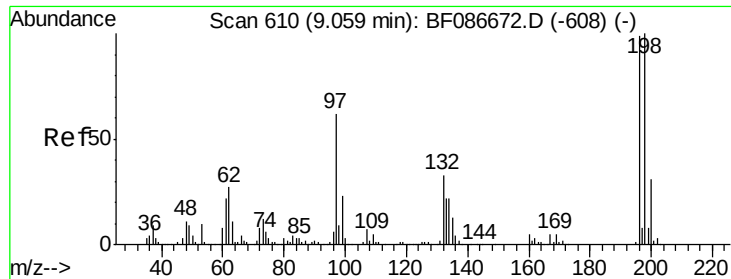
umangi  
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#42  
 2,4,6-Trichlorophenol  
 Concen: 41.21 ng  
 RT: 9.01 min Scan# 606  
 Delta R.T. -0.01 min  
 Lab File: BF086707.D  
 Acq: 5 May 2016 14:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 266520 |       |       |
| 198     | 100.8 | 74.7   | 112.1 |       |
| 200     | 33.0  | 23.8   | 35.6  |       |





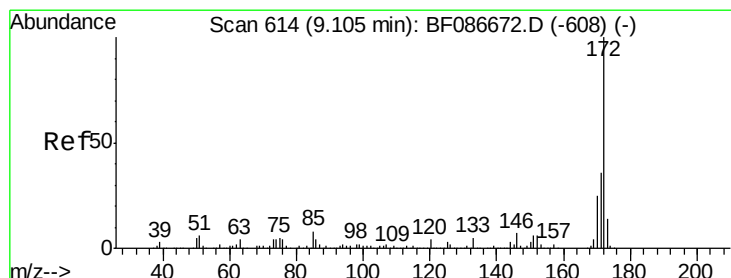
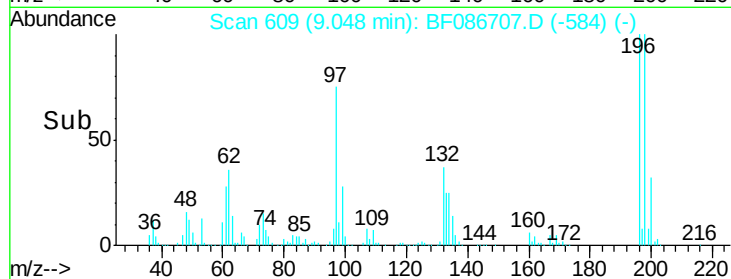
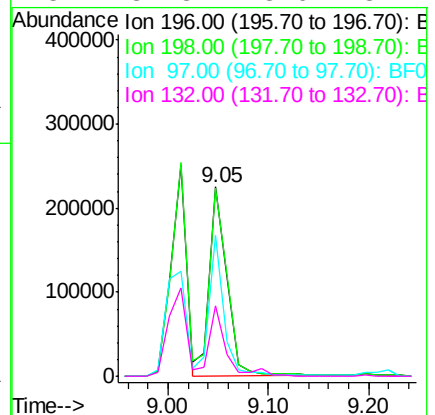
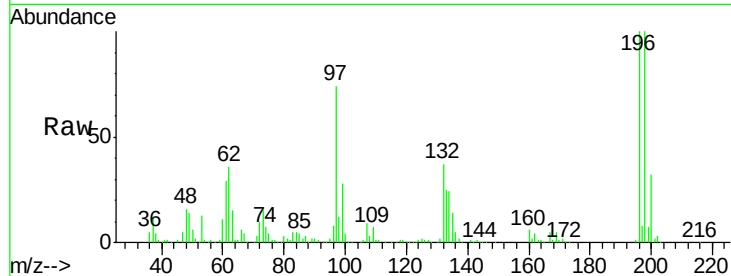
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.28 ng  
 RT: 9.05 min Scan# 609  
 Delta R.T. -0.01 min  
 Lab File: BF086707.D  
 Acq: 5 May 2016 14:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 272113 |       |       |
| 198     | 99.6  | 77.5   | 116.3 |       |
| 97      | 74.4  | 34.8   | 52.2# |       |
| 132     | 37.3  | 23.0   | 34.4# |       |

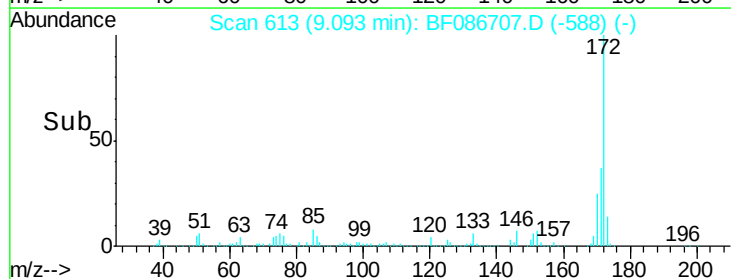
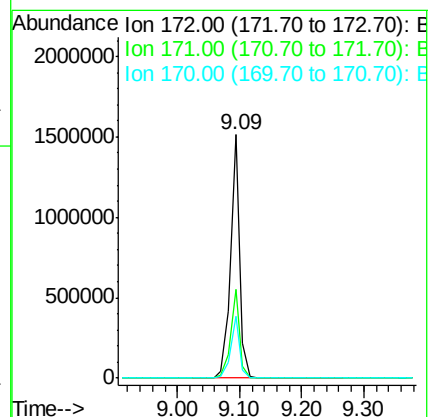
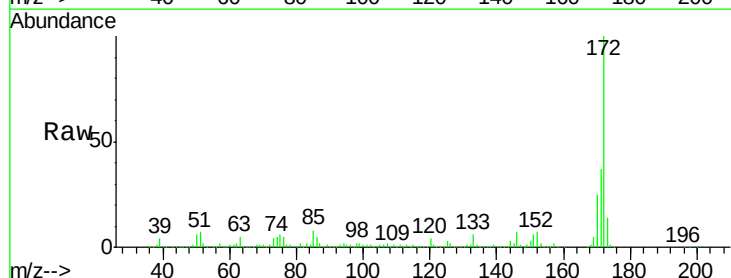
Manual Integrations  
 APPROVED

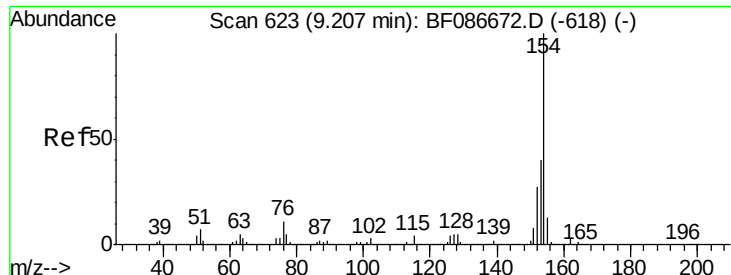
umangi  
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#44  
 2-Fluorobiphenyl  
 Concen: 71.70 ng  
 RT: 9.09 min Scan# 613  
 Delta R.T. -0.01 min  
 Lab File: BF086707.D  
 Acq: 5 May 2016 14:04

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1536751 |       |       |
| 171     | 36.5  | 29.0    | 43.6  |       |
| 170     | 25.3  | 19.8    | 29.8  |       |





#45

1,1'-Biphenyl

Concen: 42.71 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 1226815

Ion Ratio Lower Upper

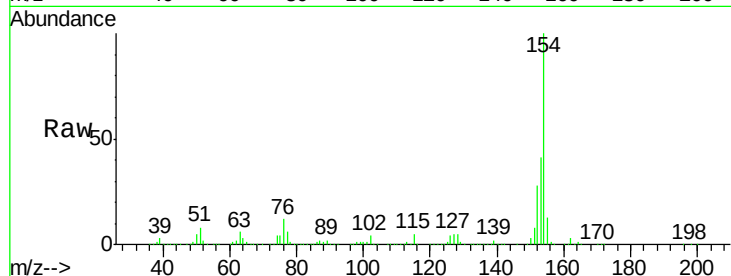
154 100

153 41.1 20.3 60.3

76 12.1 0.0 30.2

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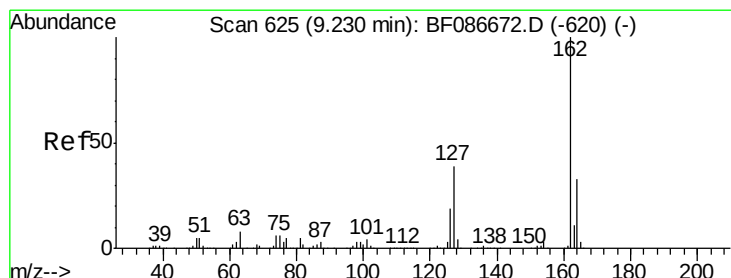
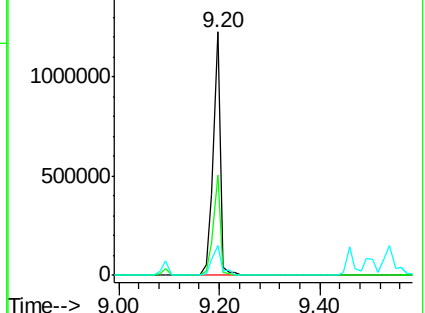
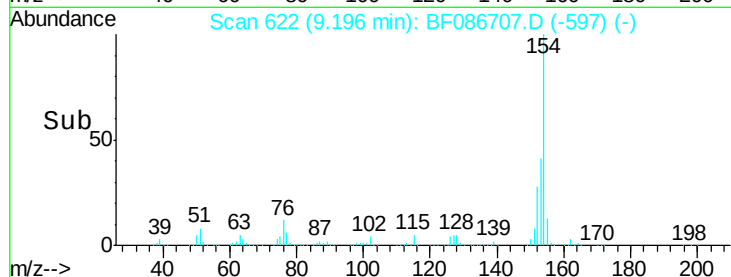
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.66 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

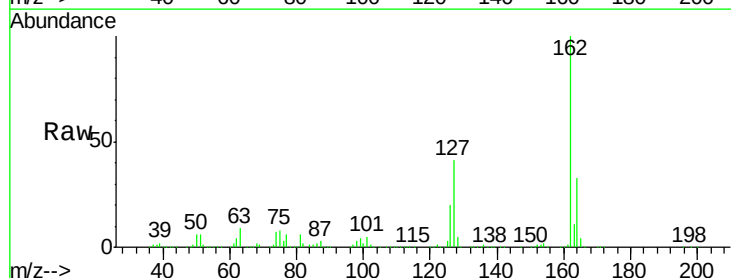
Tgt Ion:162 Resp: 901183

Ion Ratio Lower Upper

162 100

127 41.2 31.8 47.6

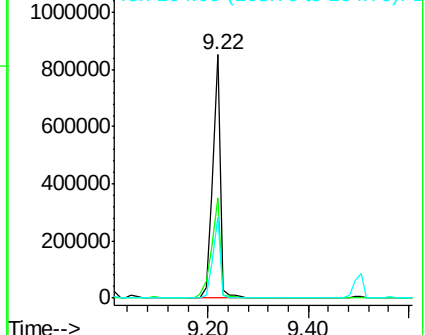
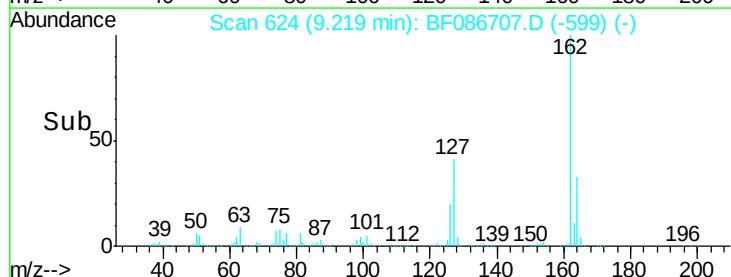
164 33.2 27.0 40.6

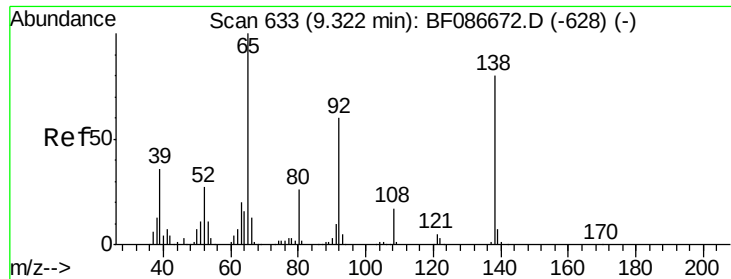


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





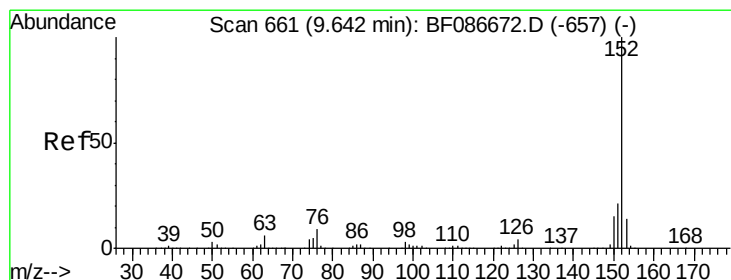
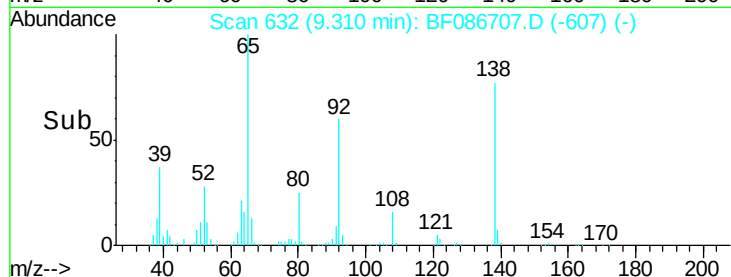
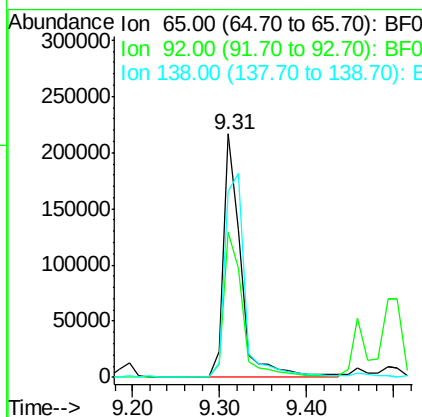
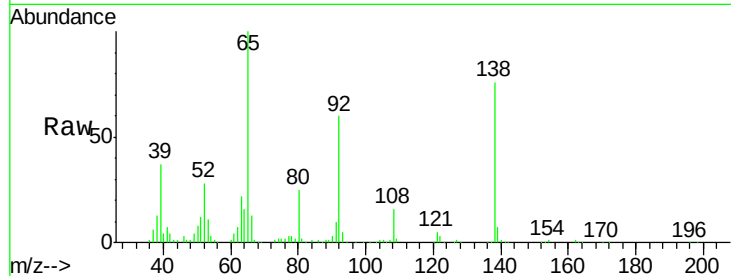
#47  
2-Nitroaniline  
Concen: 38.51 ng  
RT: 9.31 min Scan# 632  
Delta R.T. -0.01 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 59.6  | 57.4  | 86.2   |
| 138     | 76.5  | 90.1  | 135.1# |

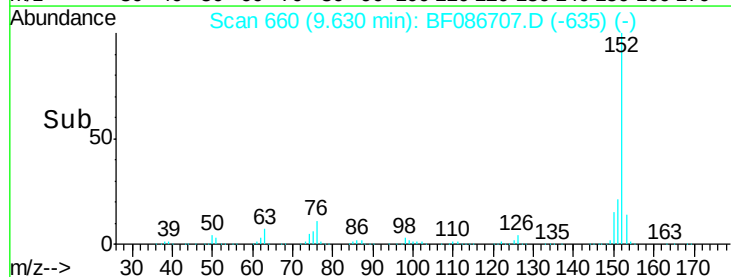
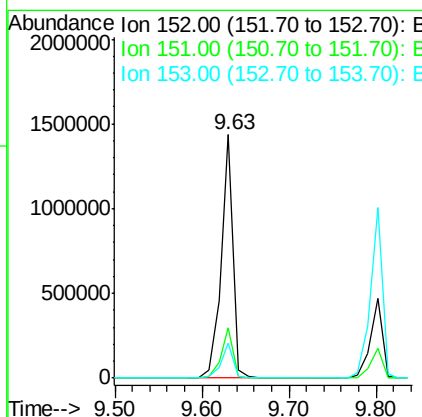
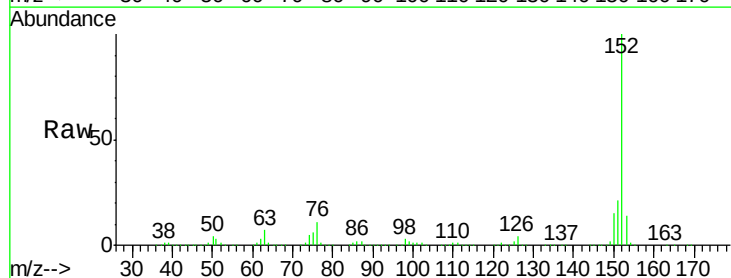
Manual Integrations  
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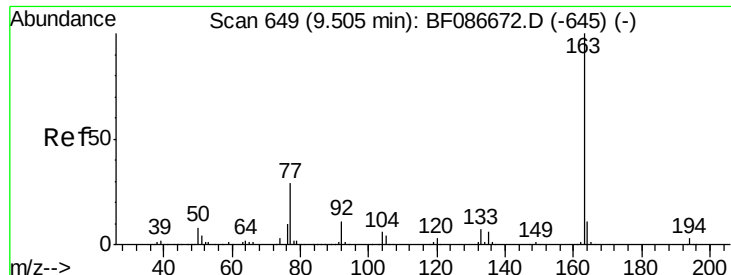
umangi  
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#48  
Acenaphthylene  
Concen: 42.10 ng  
RT: 9.63 min Scan# 660  
Delta R.T. -0.01 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.9  | 16.8  | 25.2  |
| 153     | 14.2  | 10.9  | 16.3  |





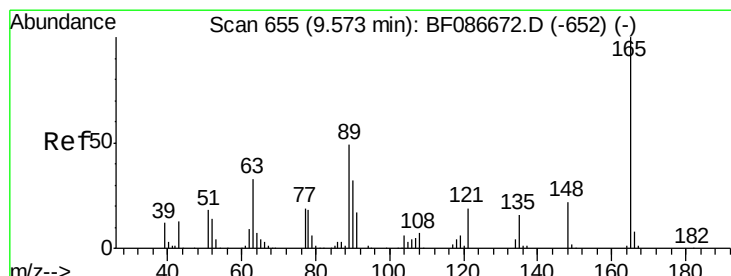
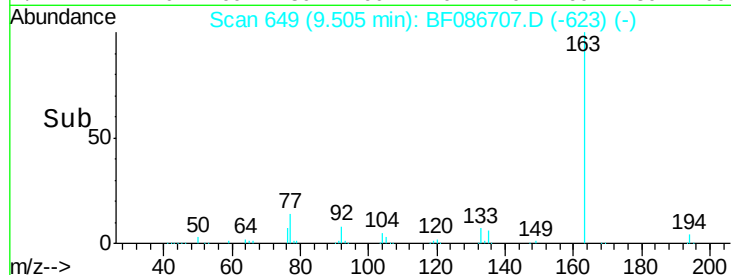
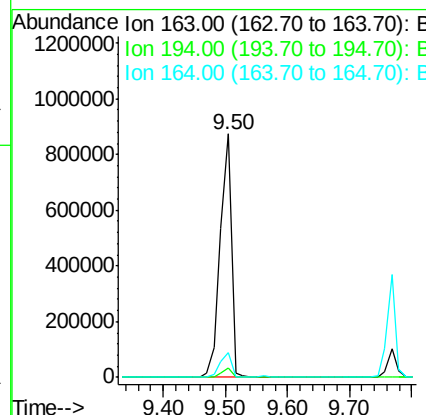
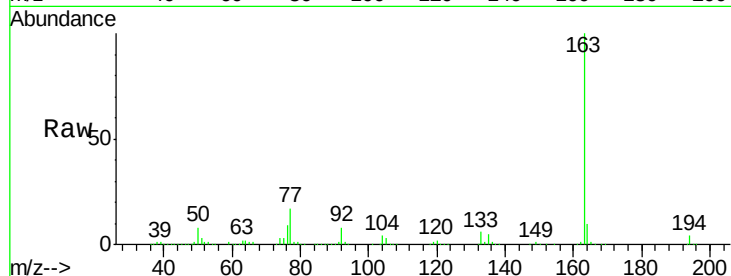
#49  
Dimethylphthalate  
Concen: 40.83 ng  
RT: 9.50 min Scan# 649  
Delta R.T. 0.00 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 163     | 100   | 1069296 |       |       |
| 194     | 3.6   |         | 2.6   | 4.0   |
| 164     | 9.9   |         | 8.2   | 12.4  |

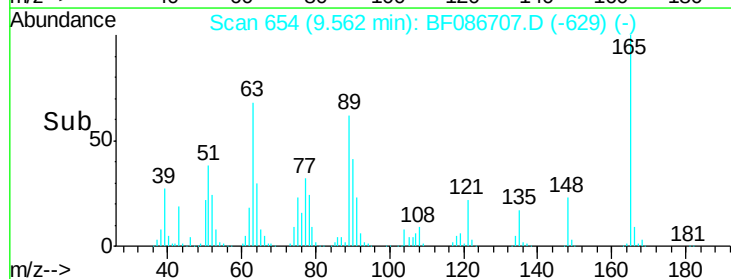
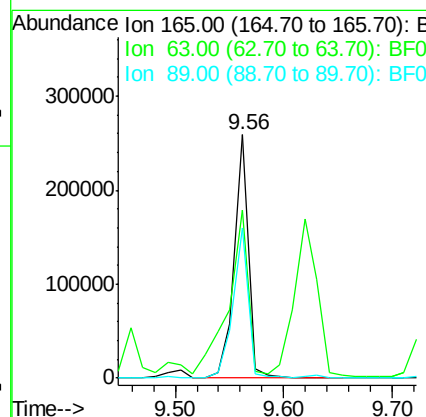
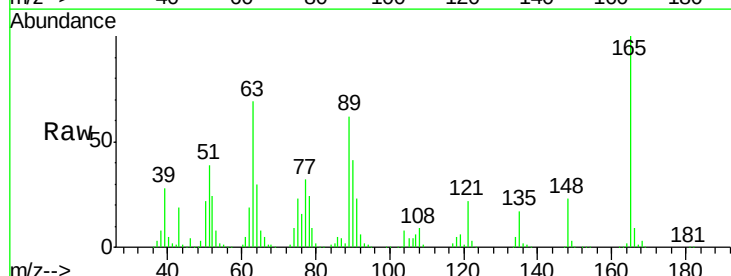
Manual Integrations  
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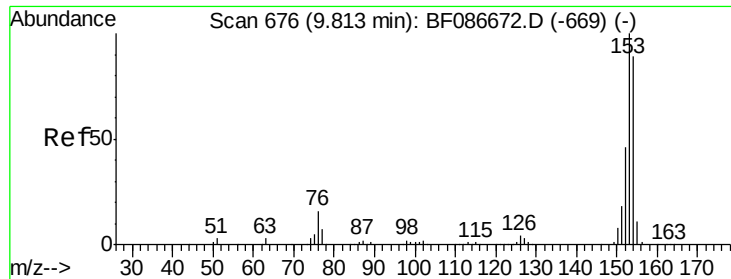
umangi  
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#50  
2,6-Dinitrotoluene  
Concen: 41.74 ng  
RT: 9.56 min Scan# 654  
Delta R.T. -0.01 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 234627 |       |       |
| 63      | 68.8  |        | 51.8  | 77.8  |
| 89      | 61.5  |        | 50.7  | 76.1  |





#51

Acenaphthene

Concen: 38.39 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086707.D

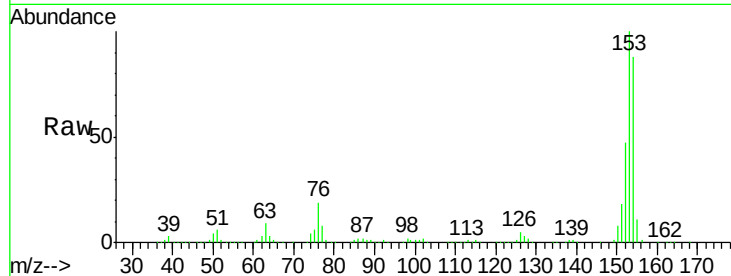
Acq: 5 May 2016 14:04

Instrument :

BNA\_F

ClientSampled :

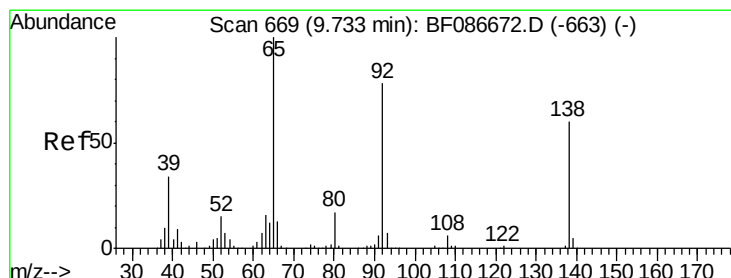
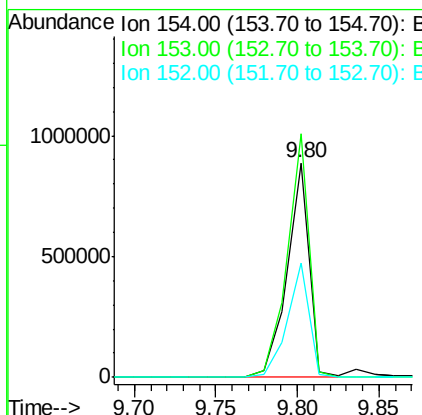
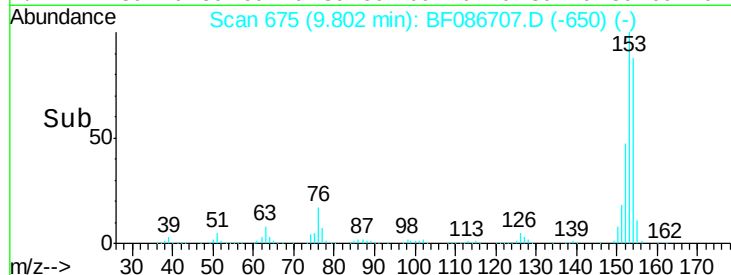
SSTDCCC040



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 833359 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.6 | 89.8  | 134.6  |
| 152       | 53.1  | 43.4  | 65.0   |

Manual Integrations  
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#52

3-Nitroaniline

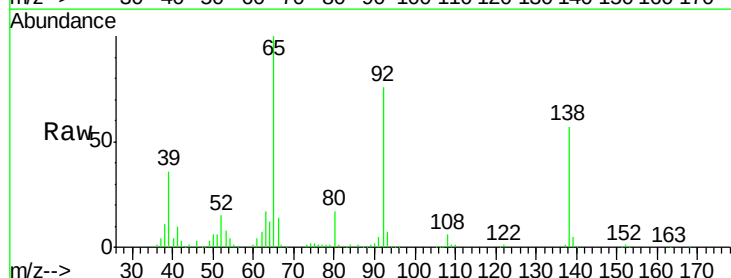
Concen: 38.58 ng

RT: 9.72 min Scan# 668

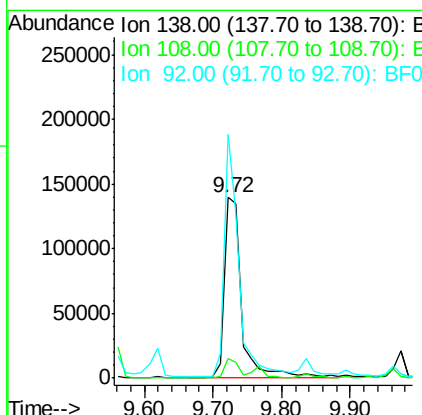
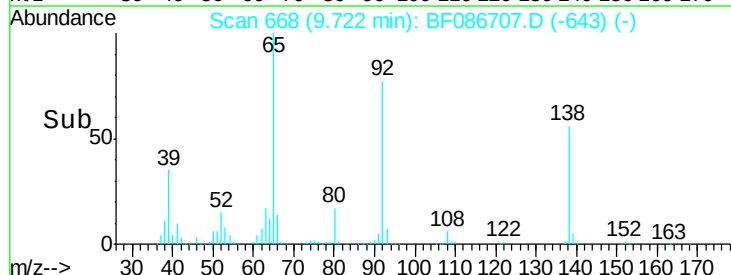
Delta R.T. -0.01 min

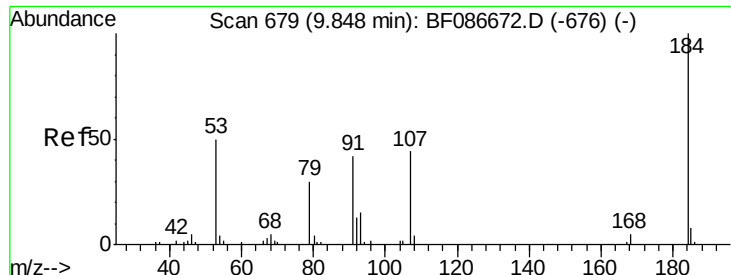
Lab File: BF086707.D

Acq: 5 May 2016 14:04



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 246486 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 10.8  | 7.8   | 11.6   |
| 92        | 134.7 | 87.8  | 131.8# |





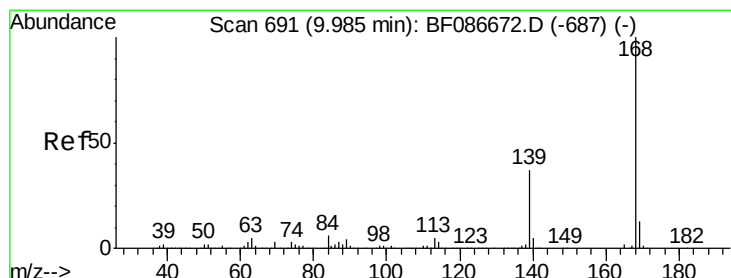
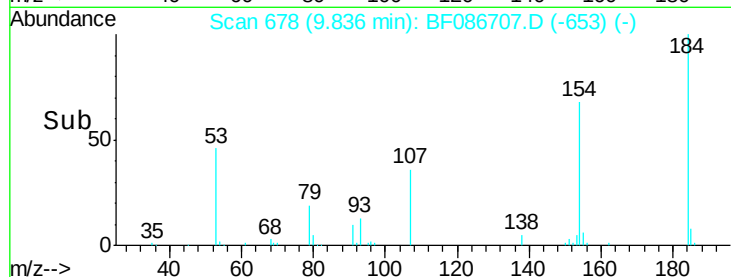
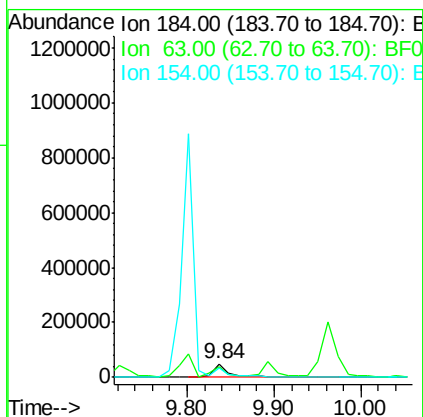
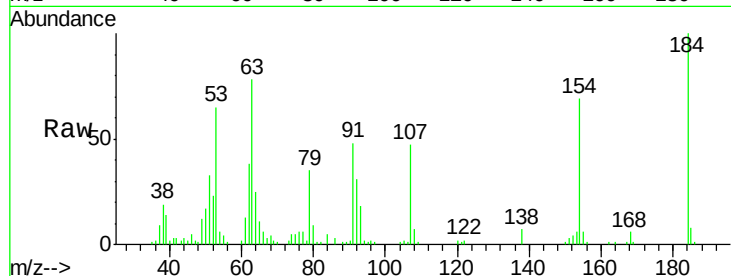
#53  
2,4-Dinitrophenol  
Concen: 42.41 ng  
RT: 9.84 min Scan# 678  
Delta R.T. -0.01 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 65263 |       |       |
| 63      | 77.7  | 55.8  | 83.8  |       |
| 154     | 69.4  | 62.4  | 93.6  |       |

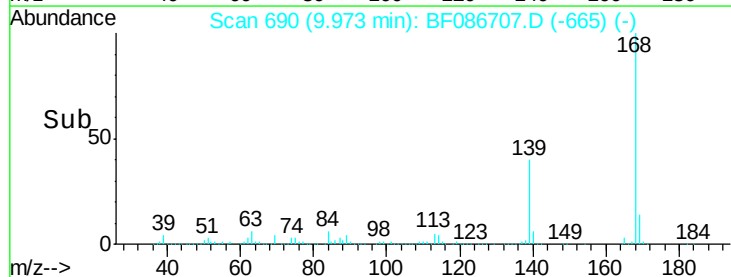
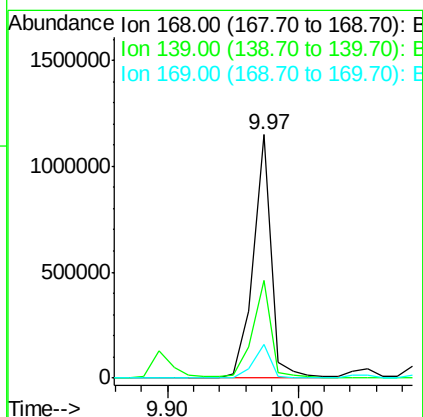
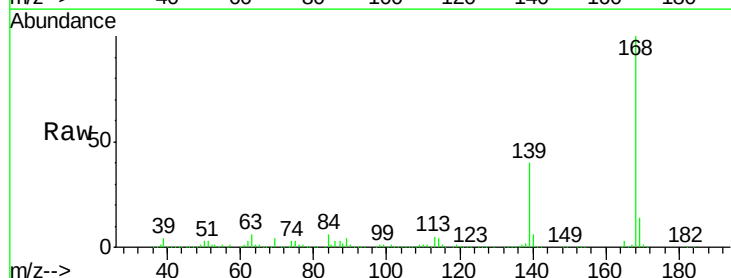
Manual Integrations  
APPROVED

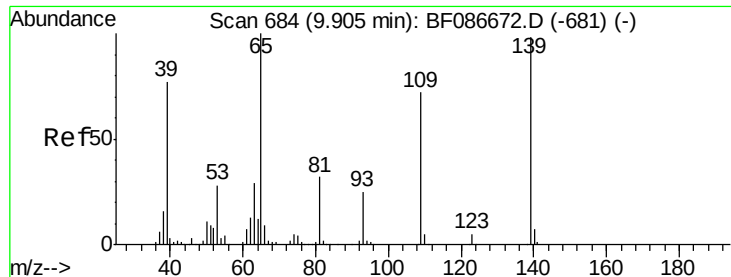
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#54  
Dibenzofuran  
Concen: 41.05 ng  
RT: 9.97 min Scan# 690  
Delta R.T. -0.01 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 168     | 100   | 1104452 |       |       |
| 139     | 40.1  | 31.4    | 47.0  |       |
| 169     | 13.6  | 10.7    | 16.1  |       |





#55

4-Nitrophenol

Concen: 41.55 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

Instrument :

BNA\_F

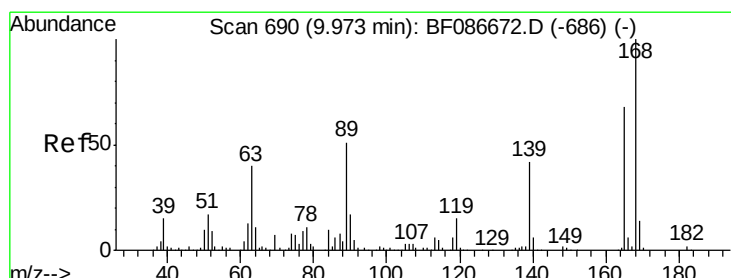
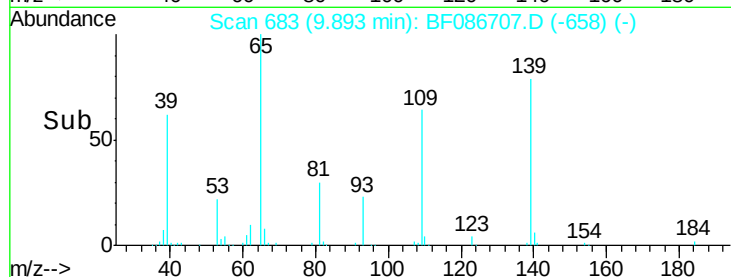
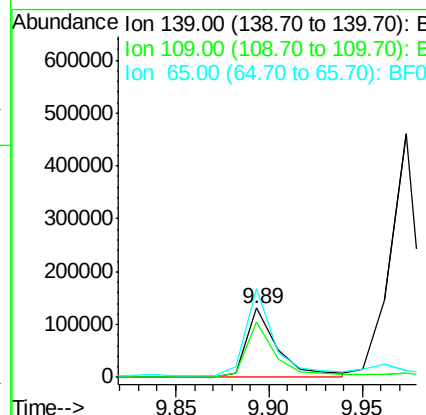
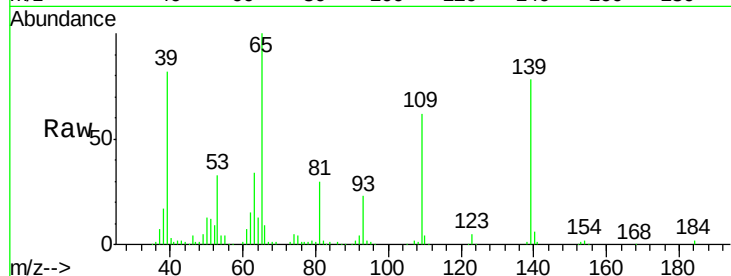
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 154799 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 80.5  | 36.9  | 76.9#  |
| 65        | 129.0 | 64.0  | 104.0# |

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#56

2,4-Dinitrotoluene

Concen: 39.42 ng

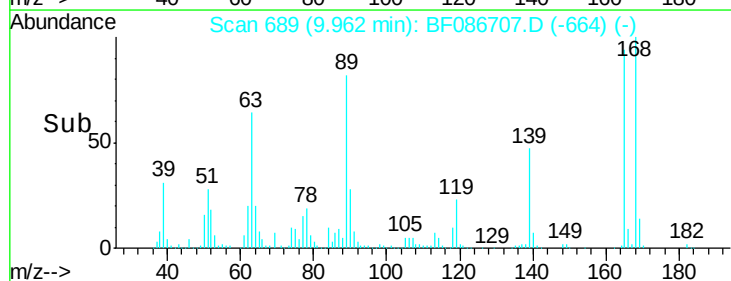
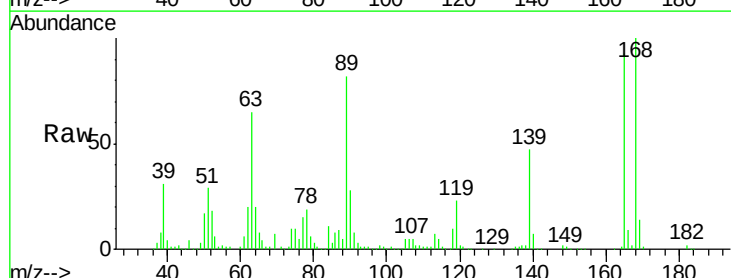
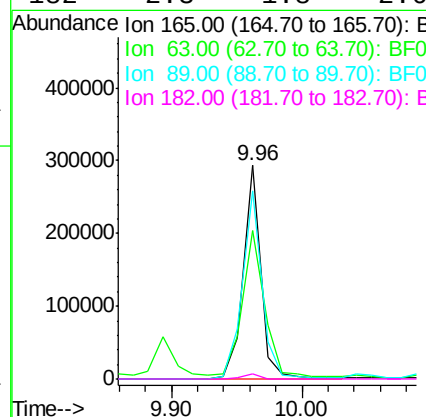
RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

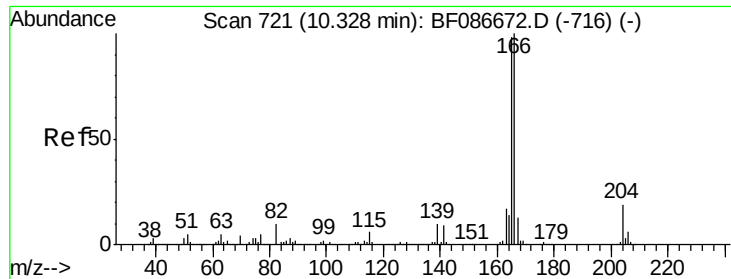
Lab File: BF086707.D

Acq: 5 May 2016 14:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 274552 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 69.4  | 44.3  | 66.5#  |
| 89        | 87.8  | 70.0  | 105.0  |
| 182       | 2.3   | 1.8   | 2.6    |







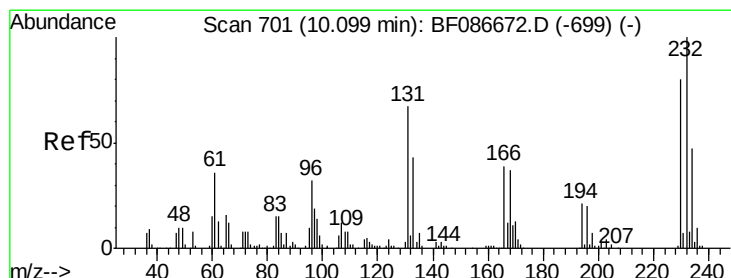
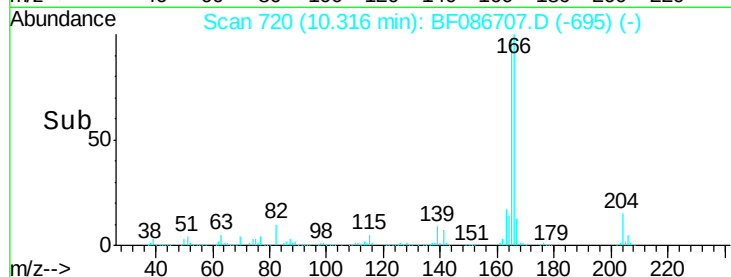
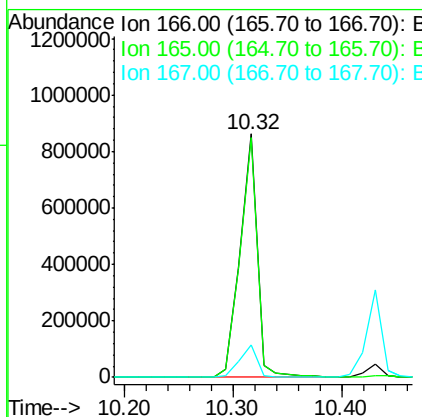
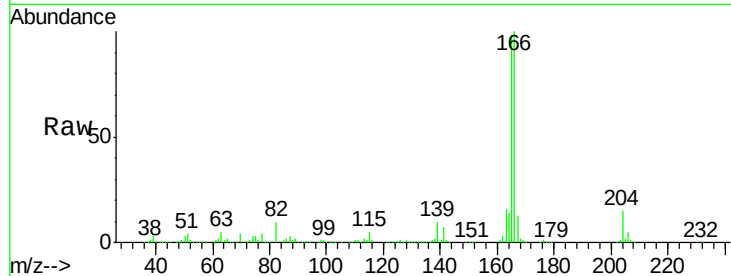
#57  
**Fluorene**  
 Concen: 42.70 ng  
 RT: 10.32 min Scan# 720  
 Delta R.T. -0.01 min  
 Lab File: BF086707.D  
 Acq: 5 May 2016 14:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 931026 |       |       |
| 165     | 98.3  | 79.0   | 118.6 |       |
| 167     | 13.4  | 10.6   | 15.8  |       |

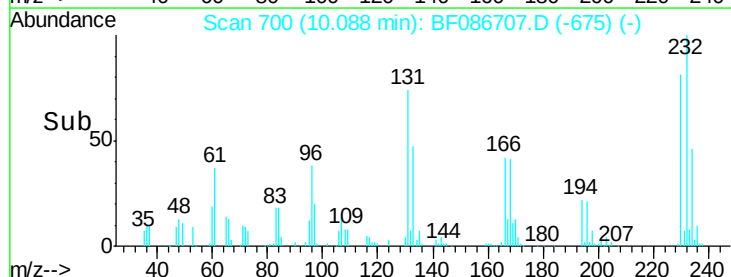
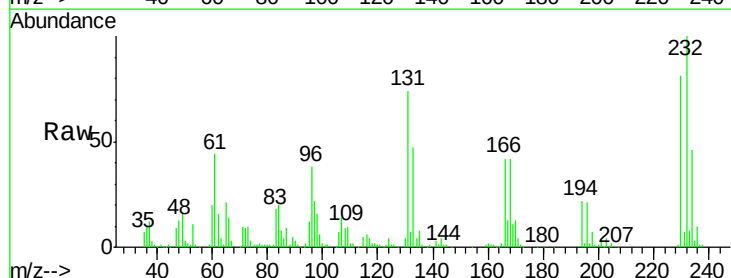
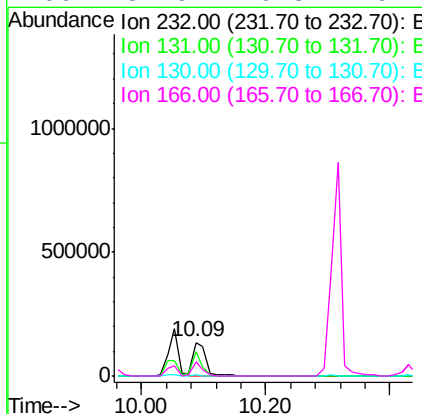
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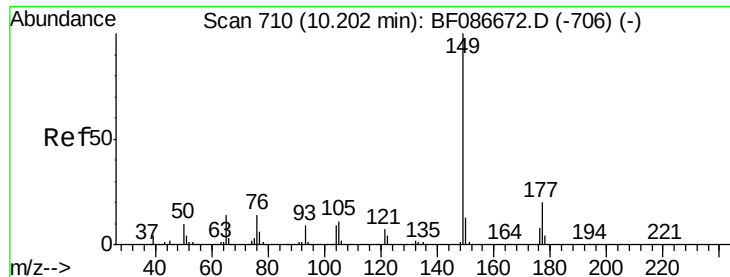
umangi  
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#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 39.64 ng  
 RT: 10.09 min Scan# 700  
 Delta R.T. -0.01 min  
 Lab File: BF086707.D  
 Acq: 5 May 2016 14:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 196710 |       |       |
| 131     | 54.9  | 41.9   | 62.9  |       |
| 130     | 2.8   | 2.2    | 3.4   |       |
| 166     | 32.9  | 26.8   | 40.2  |       |





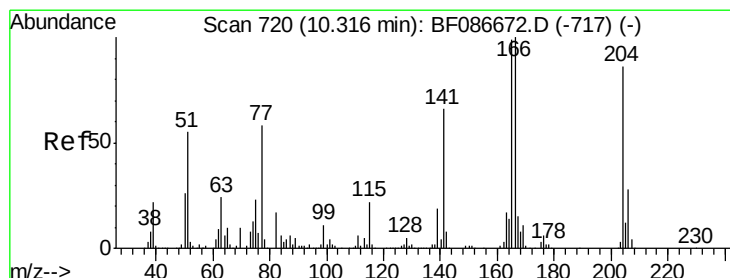
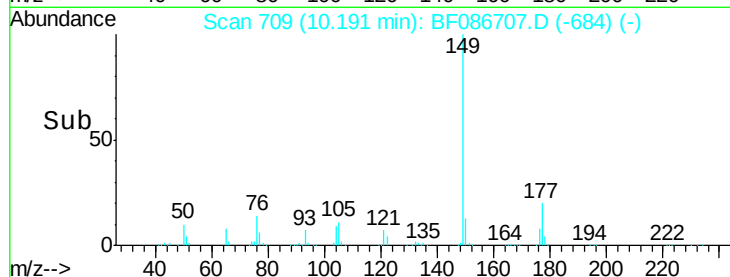
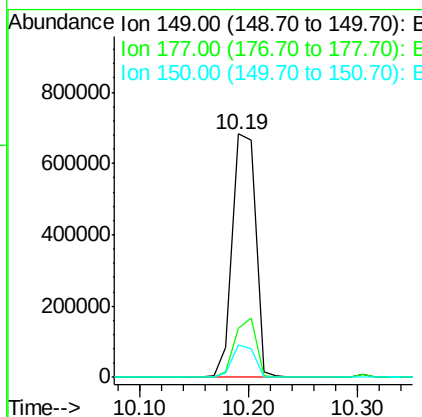
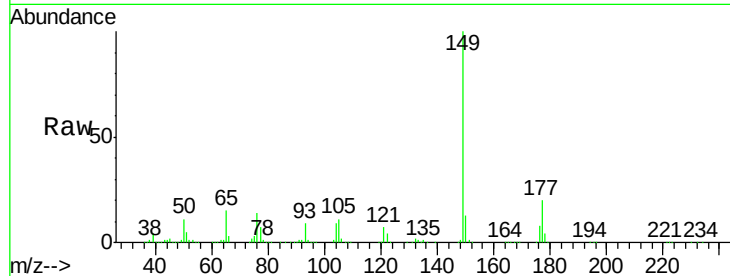
#59  
Diethylphthalate  
Concen: 40.39 ng  
RT: 10.19 min Scan# 709  
Delta R.T. -0.01 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:149 Resp: 1001348  
Ion Ratio Lower Upper  
149 100  
177 20.3 16.6 24.8  
150 13.1 10.0 15.0

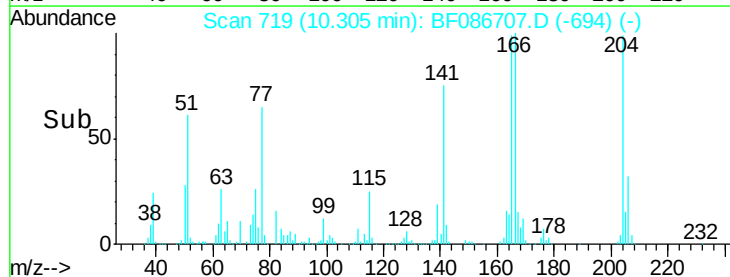
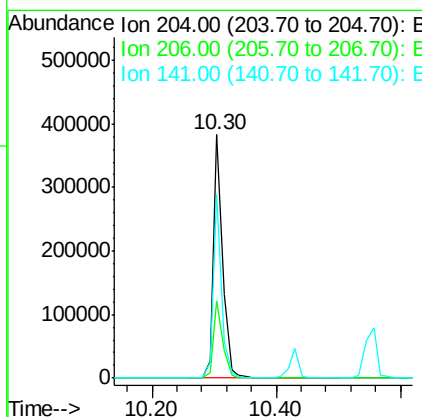
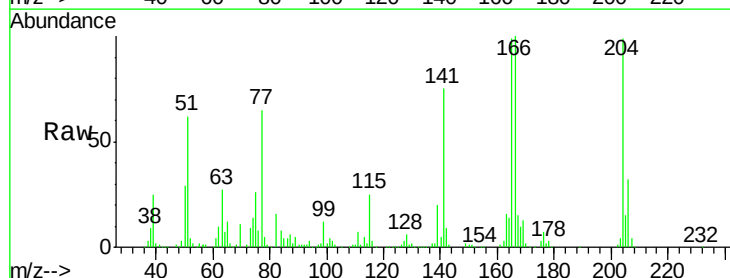
Manual Integrations  
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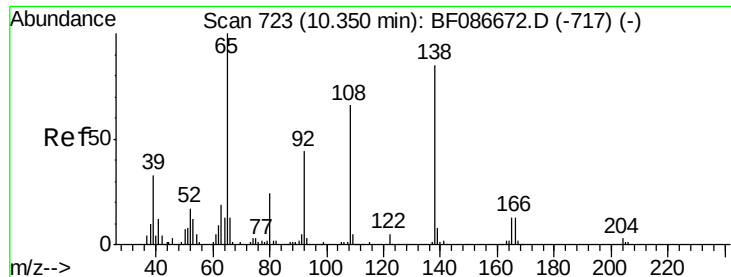
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#60  
4-Chlorophenyl-phenylether  
Concen: 37.75 ng  
RT: 10.30 min Scan# 719  
Delta R.T. -0.01 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

Tgt Ion:204 Resp: 391261  
Ion Ratio Lower Upper  
204 100  
206 31.9 25.4 38.0  
141 75.3 61.6 92.4





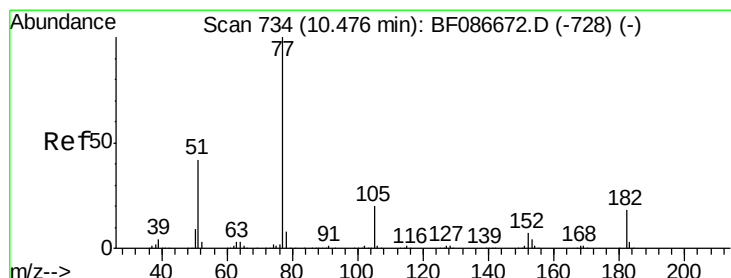
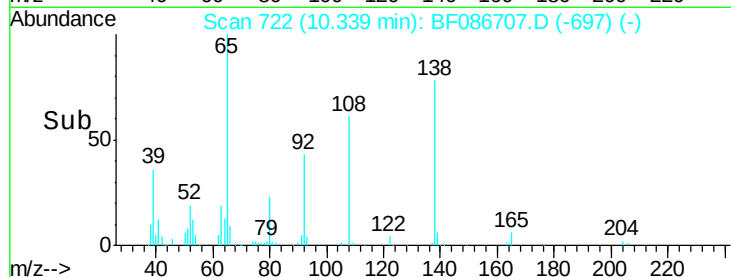
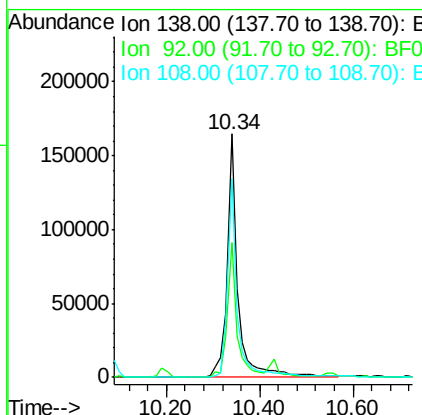
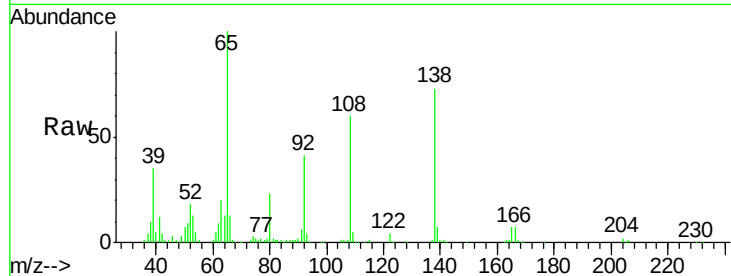
#61  
4-Nitroaniline  
Concen: 42.05 ng  
RT: 10.34 min Scan# 722  
Delta R.T. -0.01 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 55.4  | 24.7  | 64.7  |
| 108     | 81.5  | 37.4  | 77.4  |

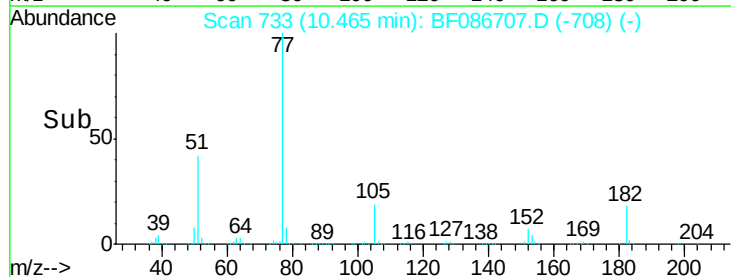
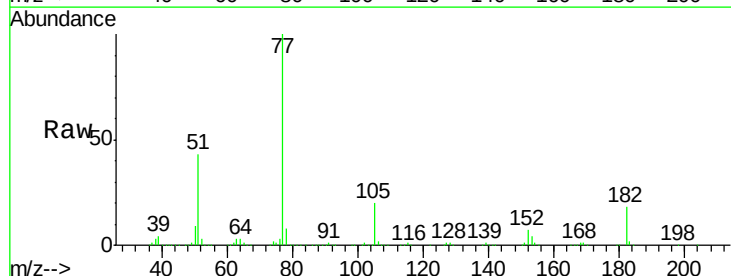
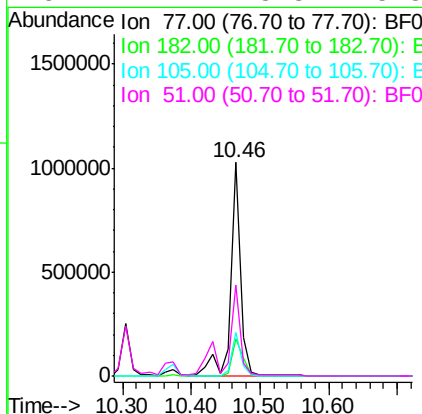
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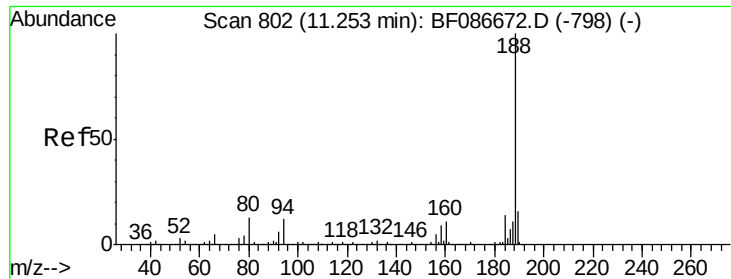
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#62  
Azobenzene  
Concen: 38.64 ng  
RT: 10.46 min Scan# 733  
Delta R.T. -0.01 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 17.6  | 0.0   | 38.8  |
| 105     | 20.1  | 3.2   | 43.2  |
| 51      | 42.7  | 8.8   | 48.8  |





#63

Phenanthrene-d10

Concen: 40.00 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

Instrument :

BNA\_F

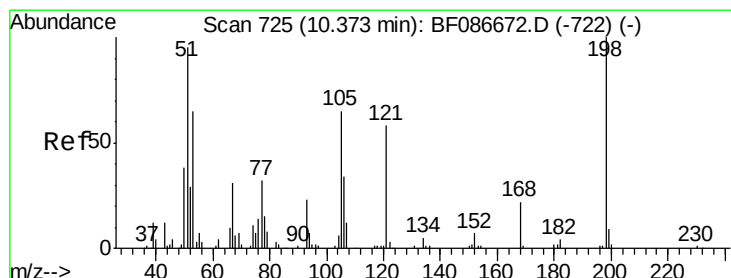
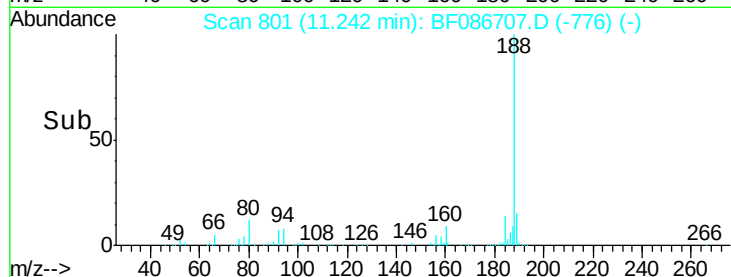
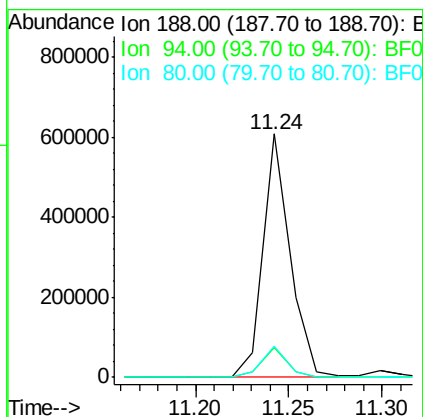
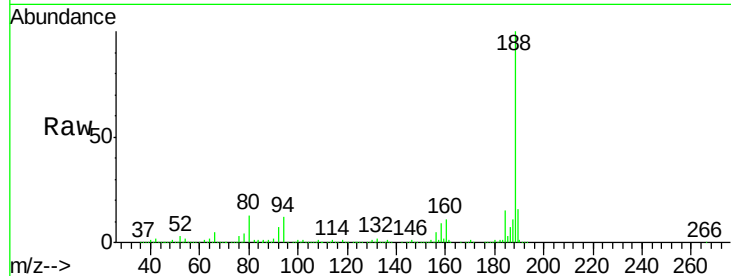
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 610179 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 12.1  | 6.8   | 10.2#  |
| 80        | 13.0  | 7.1   | 10.7#  |

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#64

4,6-Dinitro-2-methylphenol

Concen: 45.66 ng

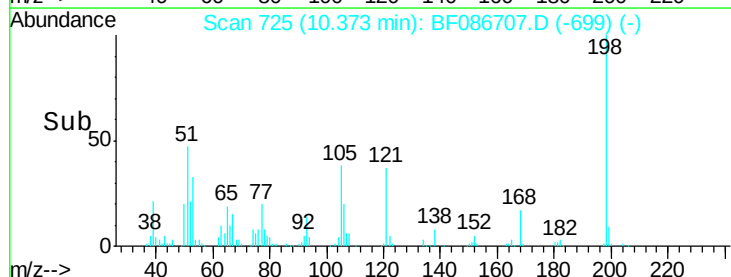
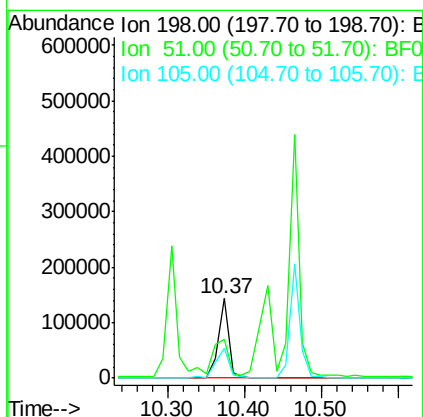
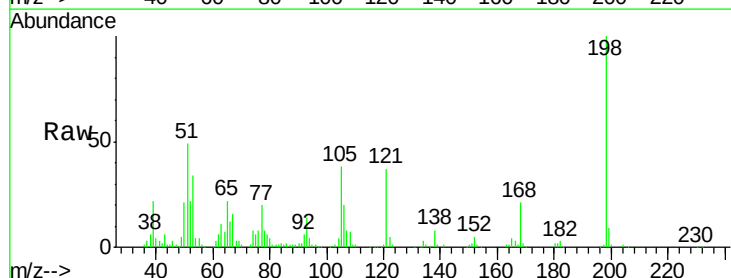
RT: 10.37 min Scan# 725

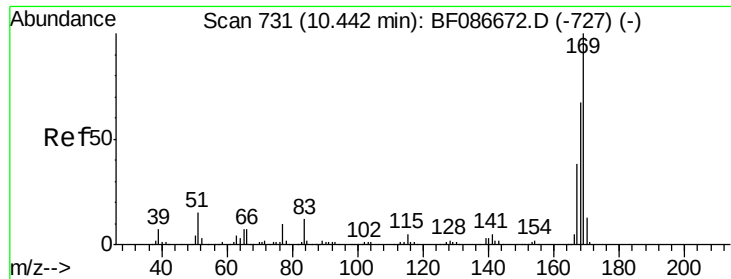
Delta R.T. 0.00 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 198   | Resp: | 138263 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 48.8  | 20.5  | 60.5   |
| 105       | 38.3  | 24.5  | 64.5   |





#65

n-Nitrosodiphenylamine

Concen: 41.52 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

Instrument :

BNA\_F

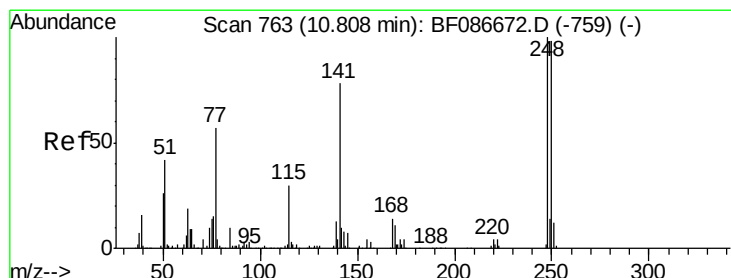
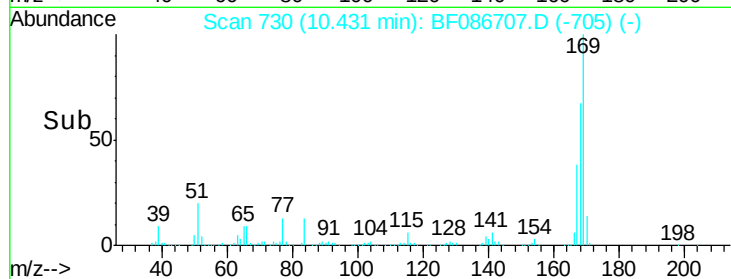
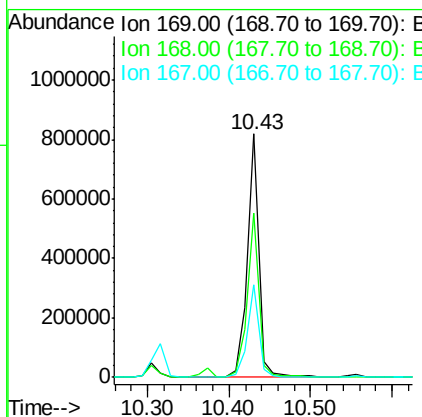
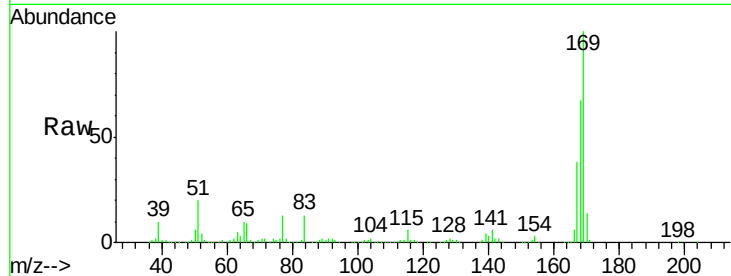
ClientSampled :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 804460 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.4  | 53.8  | 80.6   |
| 167       | 37.8  | 29.5  | 44.3   |

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#66

4-Bromophenyl-phenylether

Concen: 42.16 ng

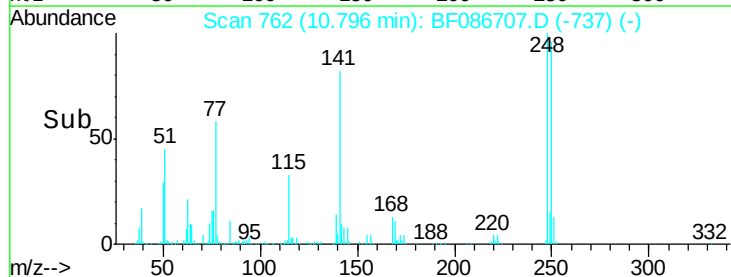
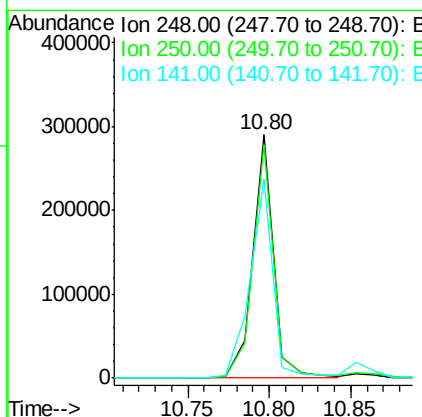
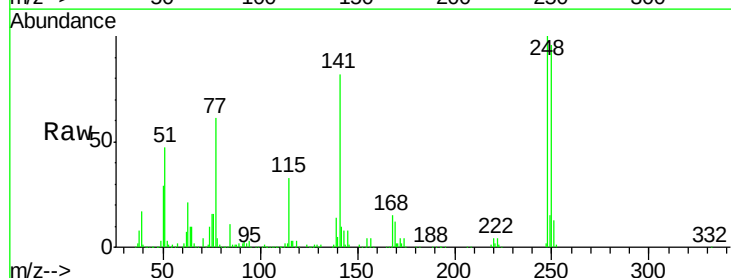
RT: 10.80 min Scan# 762

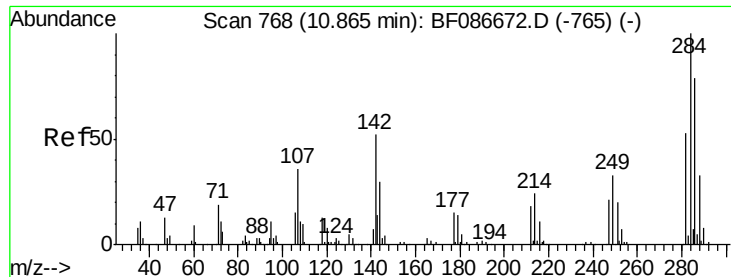
Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 255656 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 95.9  | 78.6  | 117.8  |
| 141       | 81.7  | 76.0  | 114.0  |





#67

Hexachlorobenzene

Concen: 39.96 ng

RT: 10.86 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF086707.D

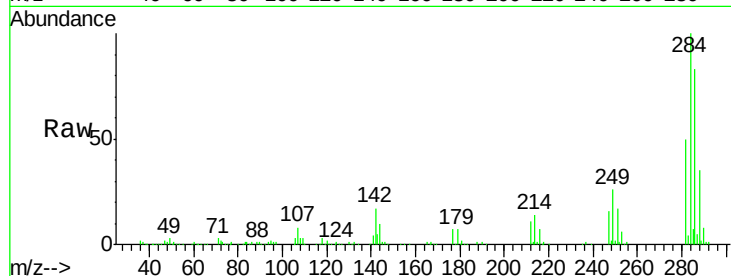
Acq: 5 May 2016 14:04

Instrument :

BNA\_F

ClientSampleId :

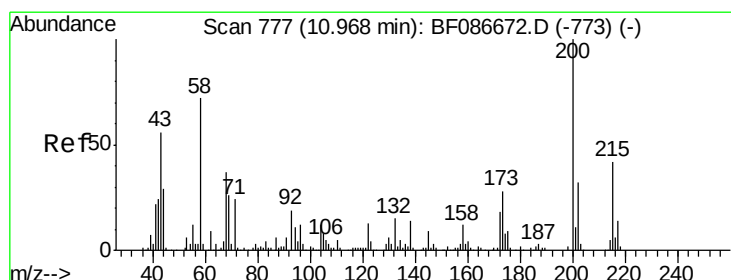
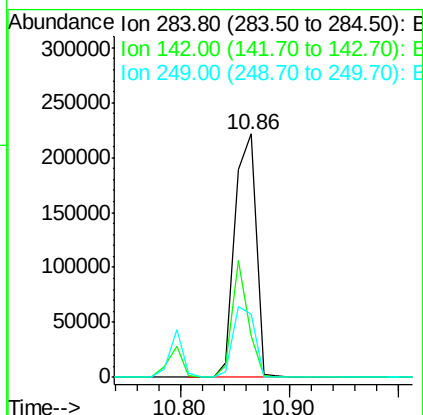
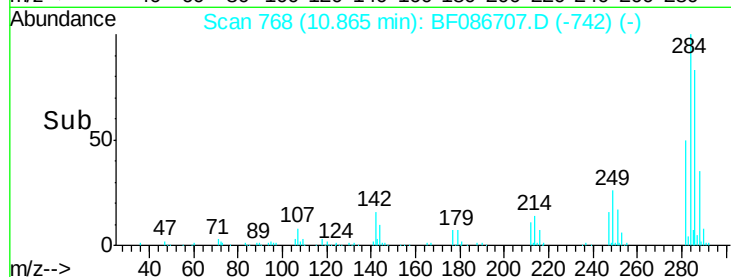
SSTDCCC040



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 295479 |       |       |
| 142     | 16.8  | 16.7   | 25.1  |       |
| 249     | 26.0  | 21.3   | 31.9  |       |

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#68

Atrazine

Concen: 38.04 ng

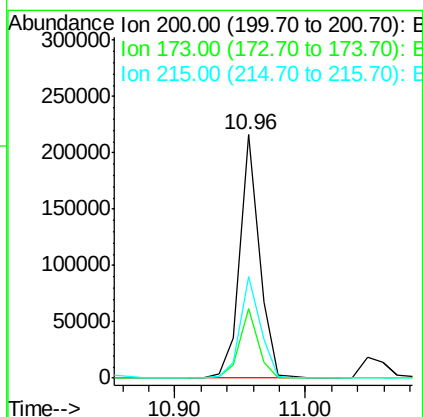
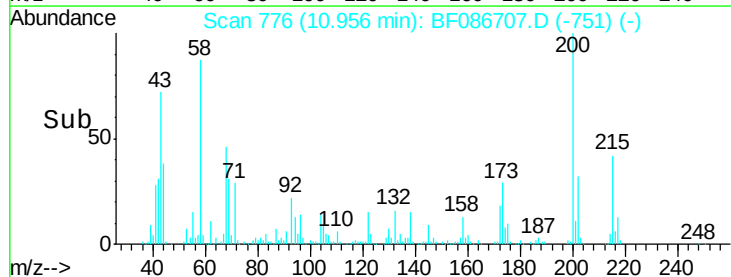
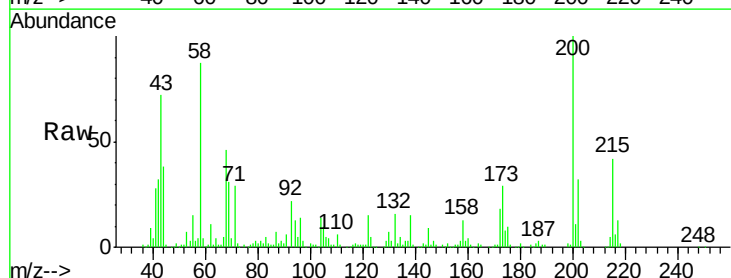
RT: 10.96 min Scan# 776

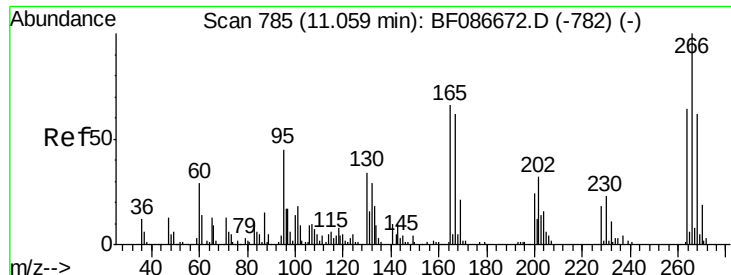
Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 225867 |       |       |
| 173     | 28.8  | 8.5    | 48.5  |       |
| 215     | 42.0  | 27.2   | 67.2  |       |





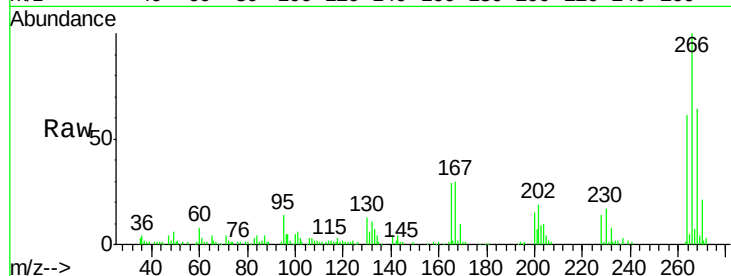
#69  
 Pentachlorophenol  
 Concen: 40.56 ng  
 RT: 11.06 min Scan# 785  
 Delta R.T. 0.00 min  
 Lab File: BF086707.D  
 Acq: 5 May 2016 14:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

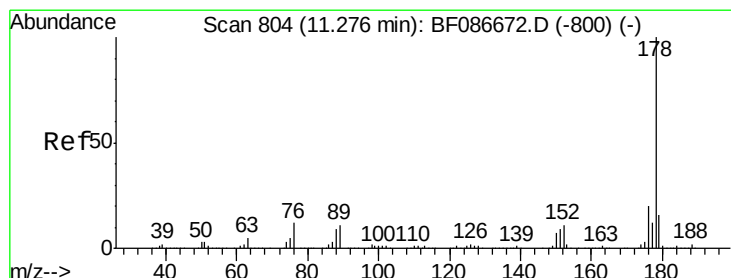
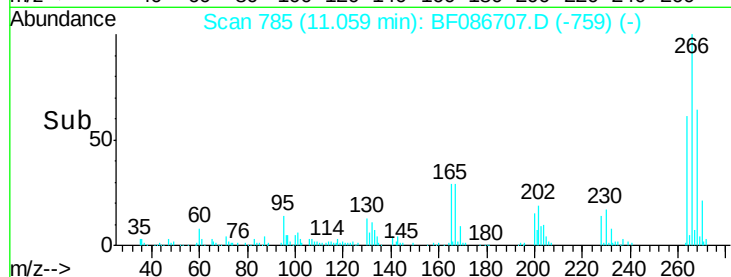
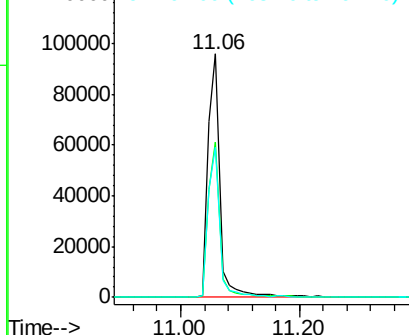
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 134453 |       |       |
| 268     | 64.0  | 51.5   | 77.3  |       |
| 264     | 61.5  | 52.9   | 79.3  |       |

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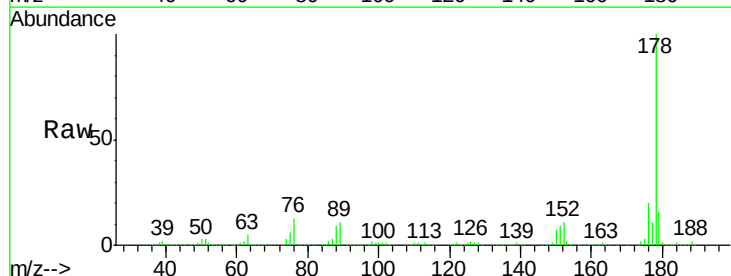


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

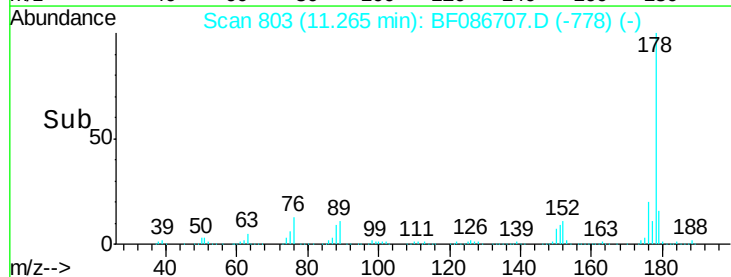
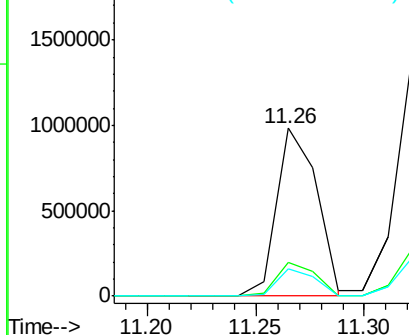


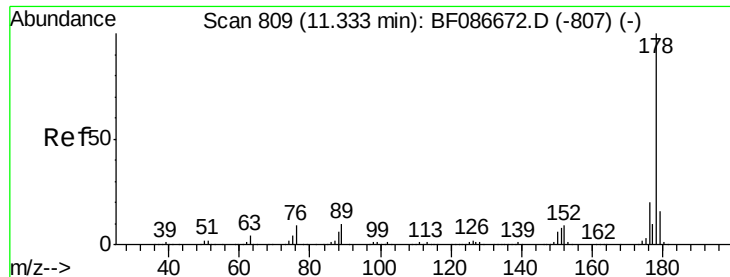
#70  
 Phenanthrene  
 Concen: 38.72 ng  
 RT: 11.26 min Scan# 803  
 Delta R.T. -0.01 min  
 Lab File: BF086707.D  
 Acq: 5 May 2016 14:04

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1268919 |       |       |
| 176     | 20.4  | 16.0    | 24.0  |       |
| 179     | 15.9  | 12.6    | 18.8  |       |



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





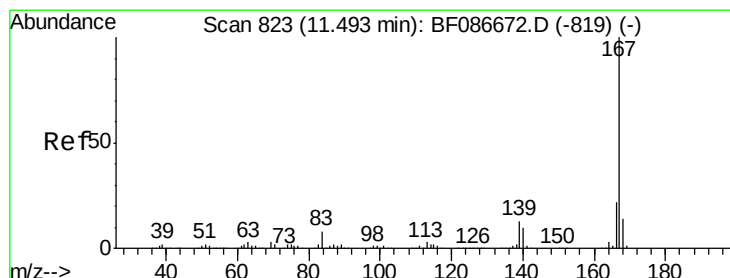
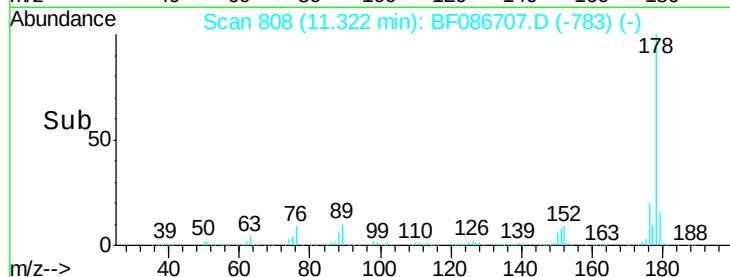
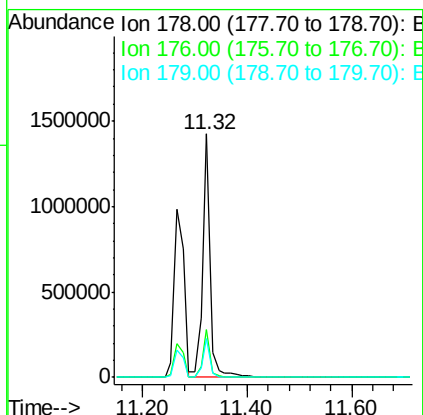
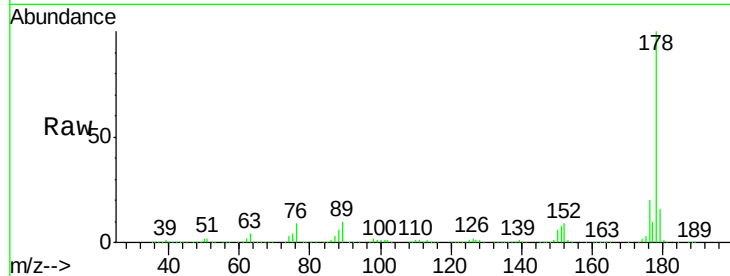
#71  
 Anthracene  
 Concen: 41.51 ng  
 RT: 11.32 min Scan# 808  
 Delta R.T. -0.01 min  
 Lab File: BF086707.D  
 Acq: 5 May 2016 14:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:178 Resp: 1424618  
 Ion Ratio Lower Upper  
 178 100  
 176 19.9 15.6 23.4  
 179 15.9 12.7 19.1

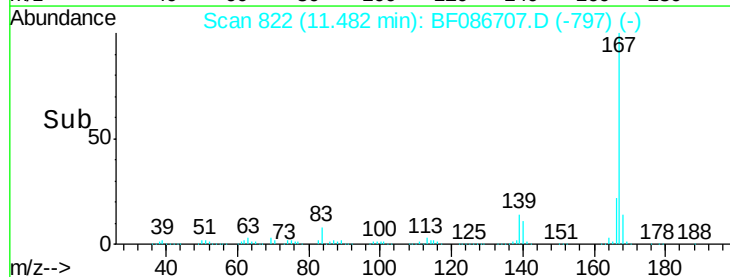
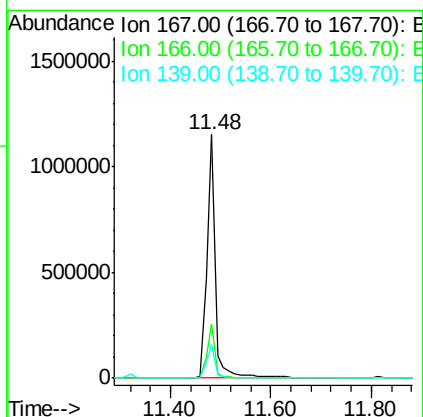
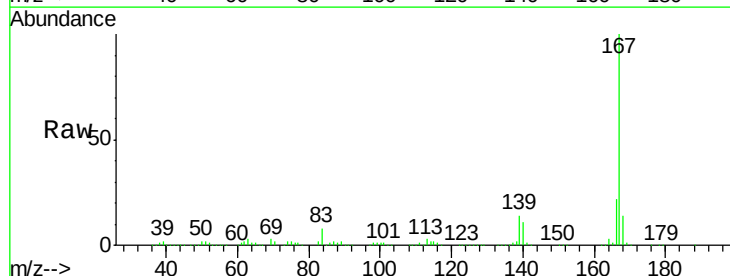
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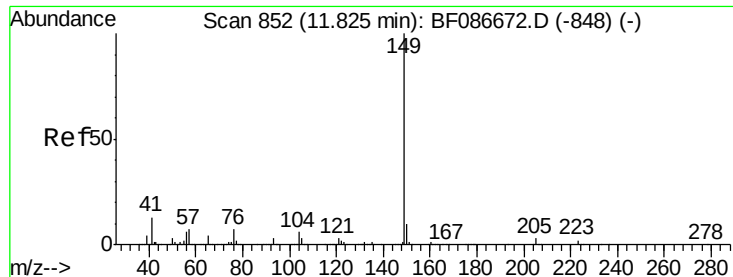


#72  
 Carbazole  
 Concen: 44.74 ng  
 RT: 11.48 min Scan# 822  
 Delta R.T. -0.01 min  
 Lab File: BF086707.D  
 Acq: 5 May 2016 14:04

Tgt Ion:167 Resp: 1333358  
 Ion Ratio Lower Upper  
 167 100  
 166 22.4 17.7 26.5  
 139 13.7 10.8 16.2







#73

Di-n-butylphthalate

Concen: 40.13 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1420098

Ion Ratio Lower Upper

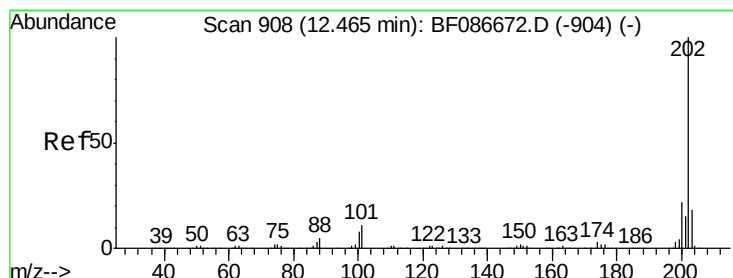
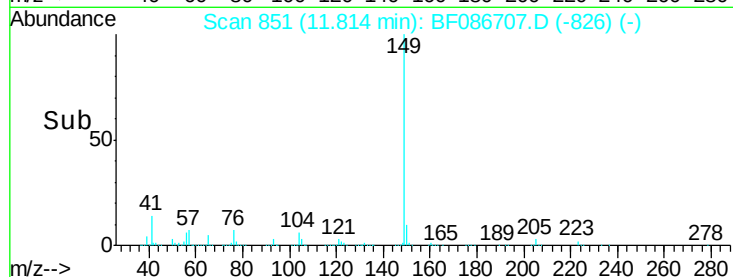
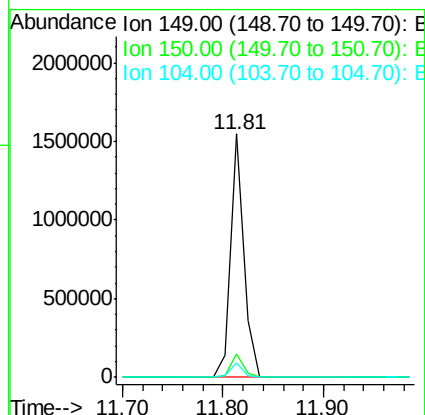
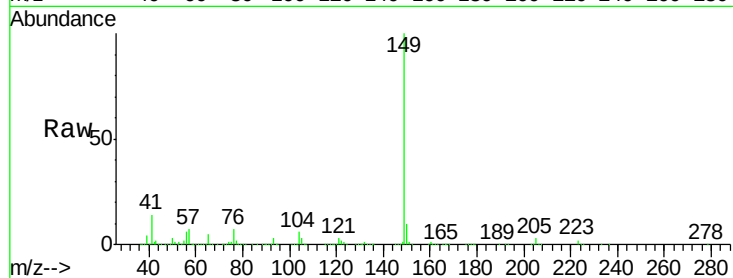
149 100

150 9.6 7.6 11.4

104 6.1 3.8 5.6#

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#74

Fluoranthene

Concen: 42.37 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

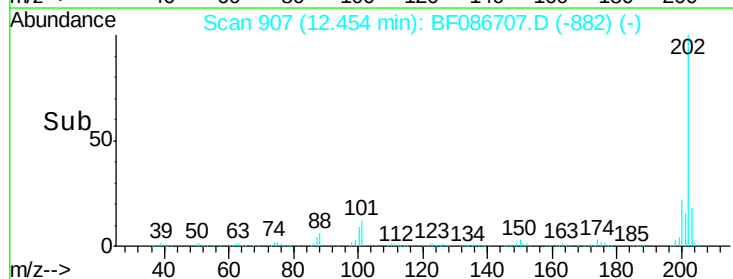
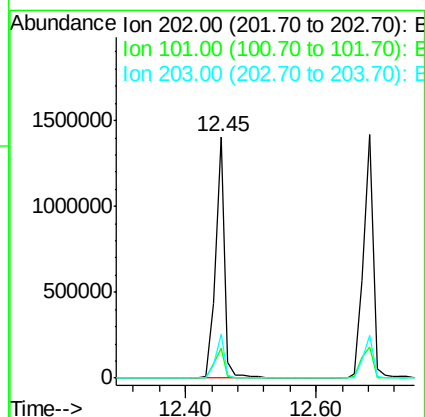
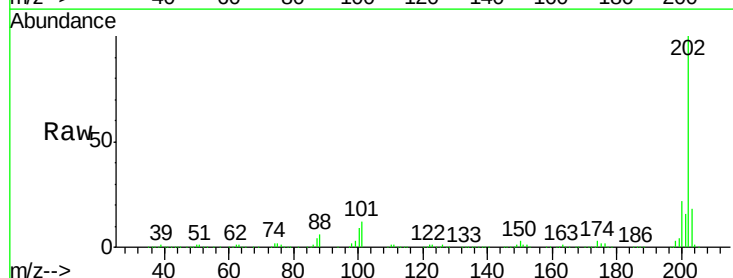
Tgt Ion:202 Resp: 1391575

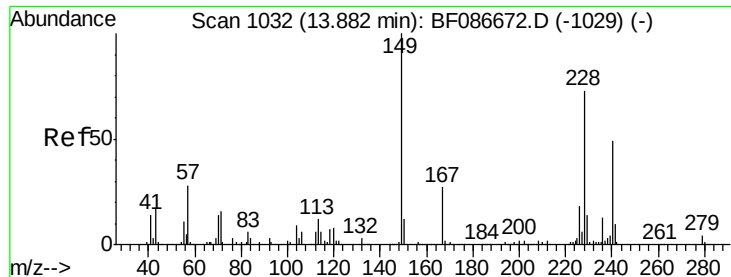
Ion Ratio Lower Upper

202 100

101 12.2 0.0 35.4

203 18.2 0.0 38.1





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

Instrument :

BNA\_F

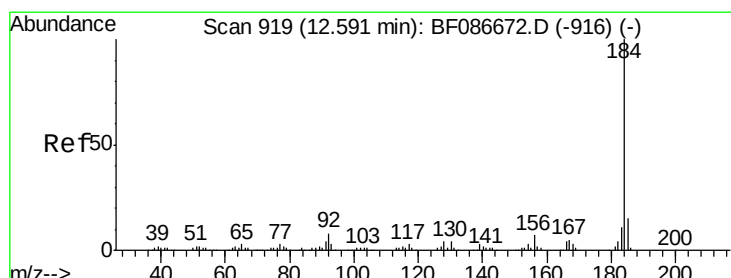
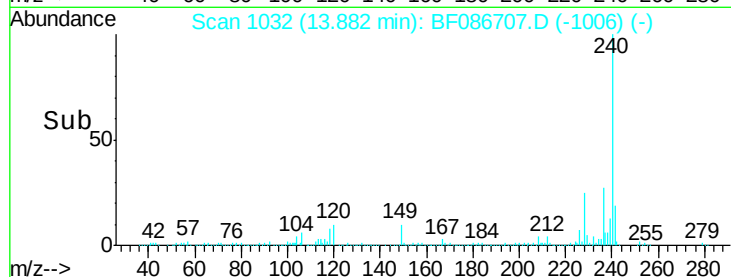
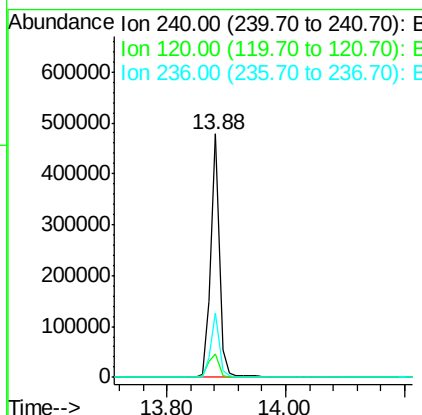
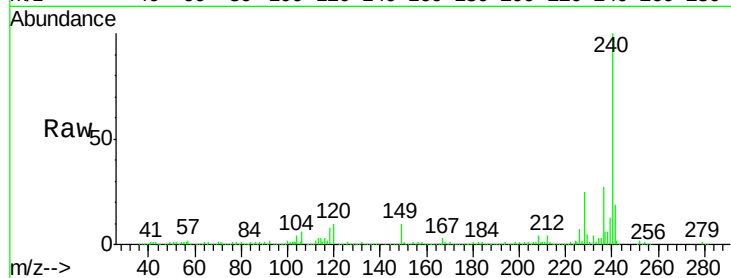
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 495096 |       |       |
| 120     | 9.8   | 11.2   | 16.8# |       |
| 236     | 26.5  | 21.2   | 31.8  |       |

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#76

Benzidine

Concen: 34.17 ng

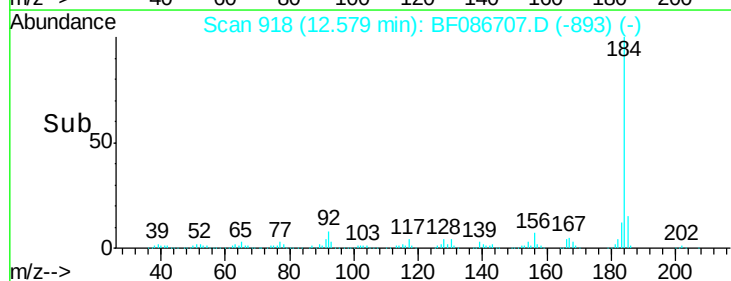
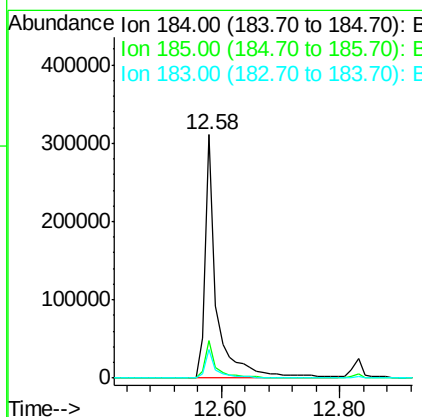
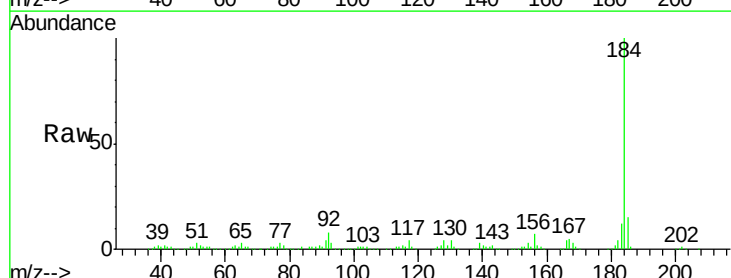
RT: 12.58 min Scan# 918

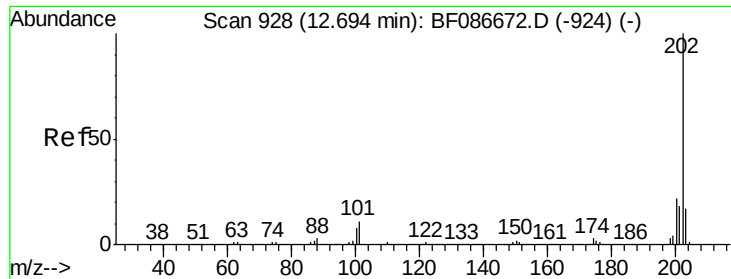
Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 430991 |       |       |
| 185     | 15.4  | 13.6   | 20.4  |       |
| 183     | 11.6  | 9.8    | 14.6  |       |





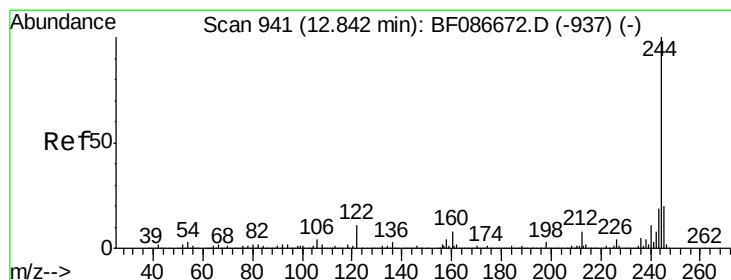
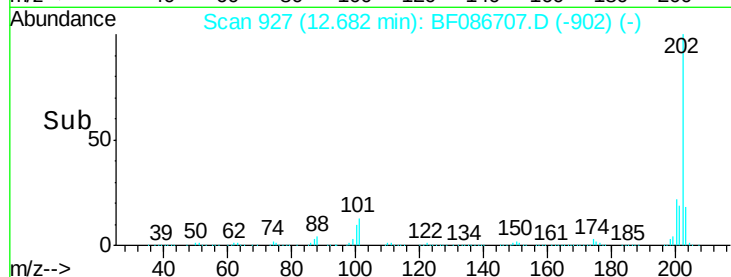
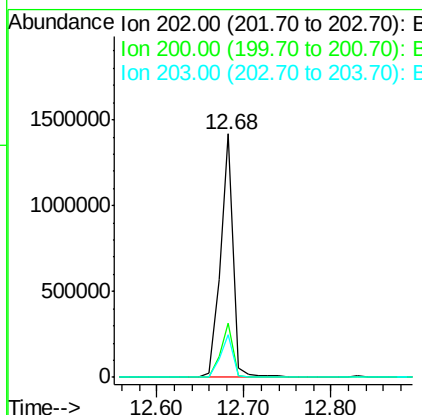
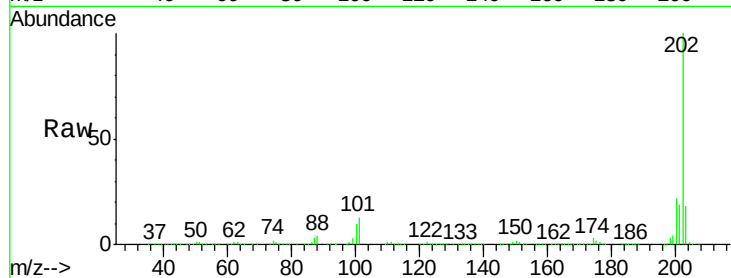
#77  
 Pyrene  
 Concen: 36.52 ng  
 RT: 12.68 min Scan# 927  
 Delta R.T. -0.01 min  
 Lab File: BF086707.D  
 Acq: 5 May 2016 14:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 202 Resp: 1441518  
 Ion Ratio Lower Upper  
 202 100  
 200 22.4 17.7 26.5  
 203 17.7 14.2 21.4

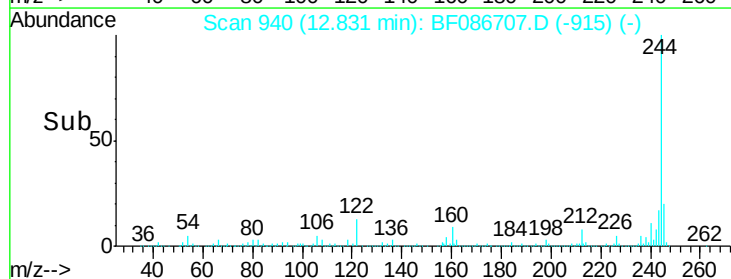
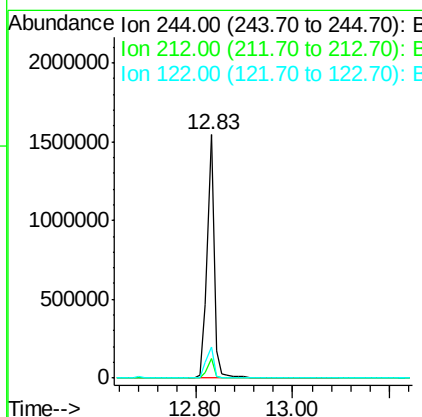
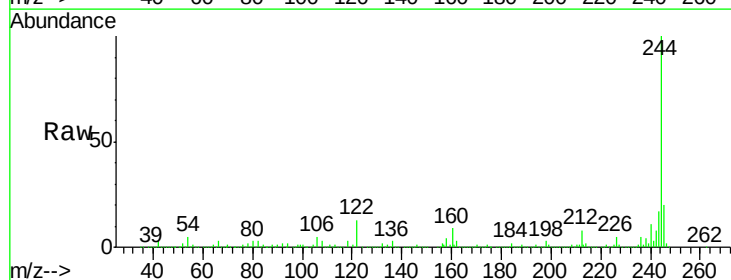
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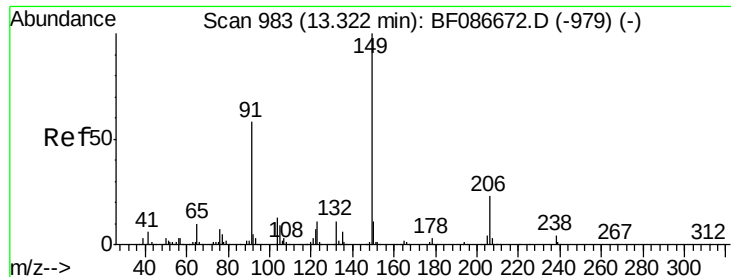
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#78  
 Terphenyl-d14  
 Concen: 64.90 ng  
 RT: 12.83 min Scan# 940  
 Delta R.T. -0.01 min  
 Lab File: BF086707.D  
 Acq: 5 May 2016 14:04

Tgt Ion: 244 Resp: 1589896  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.2 9.2  
 122 12.8 12.0 18.0





#79

Butylbenzylphthalate

Concen: 41.53 ng

RT: 13.31 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

Instrument :

BNA\_F

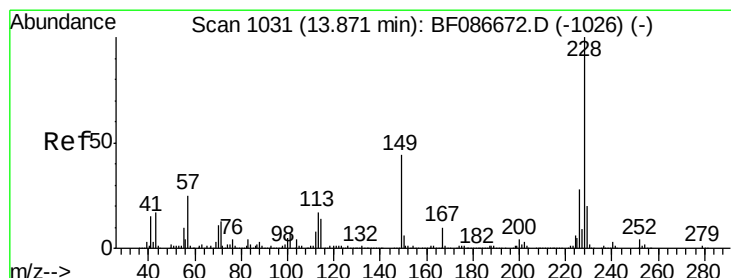
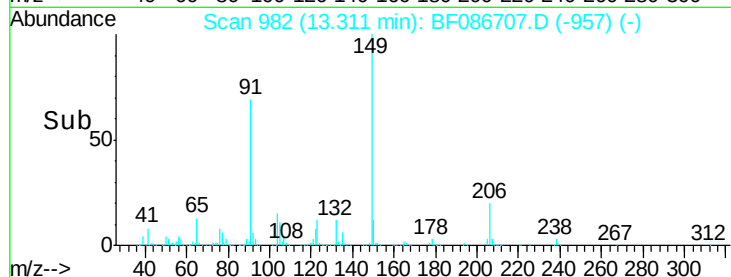
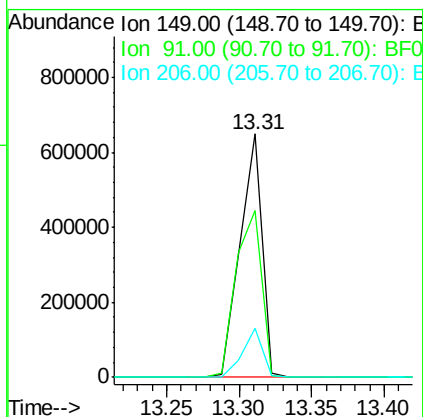
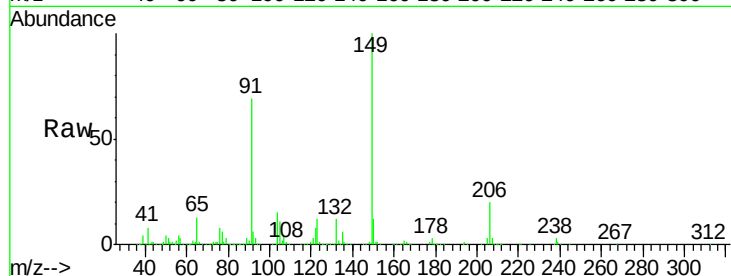
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 686540 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 68.6  | 48.0  | 72.0   |
| 206       | 20.0  | 15.8  | 23.6   |

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#80

Benzo(a)anthracene

Concen: 37.56 ng

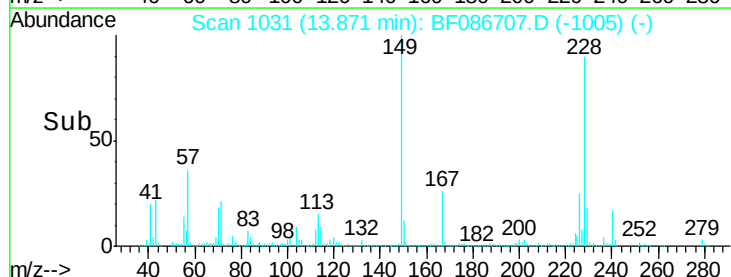
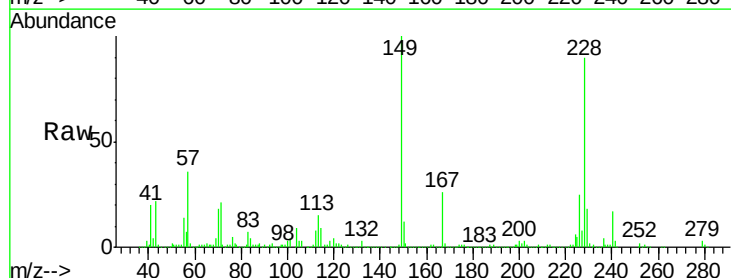
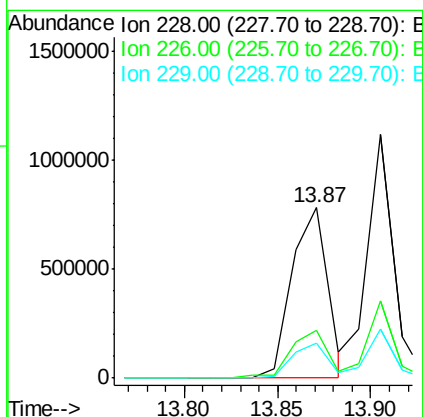
RT: 13.87 min Scan# 1031

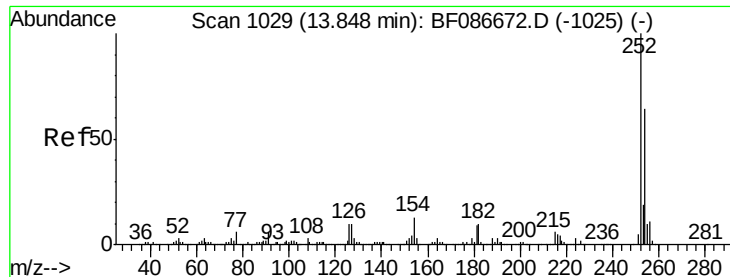
Delta R.T. 0.00 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 228   | Resp: | 1051773 |
| Ion Ratio | Lower | Upper |         |
| 228       | 100   |       |         |
| 226       | 28.0  | 22.5  | 33.7    |
| 229       | 20.2  | 16.6  | 25.0    |





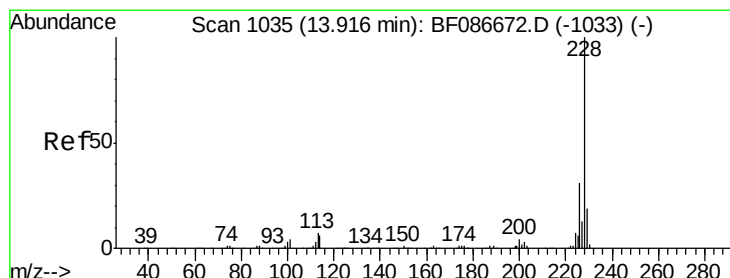
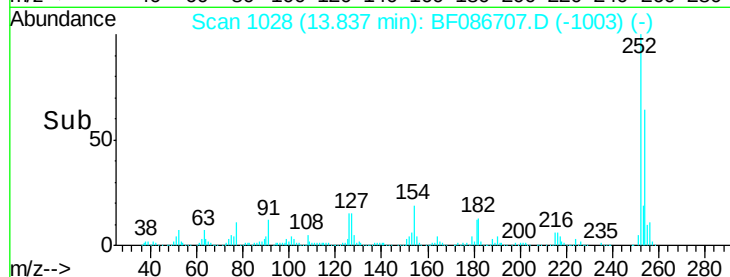
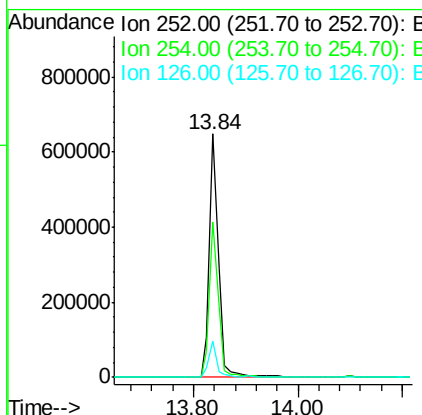
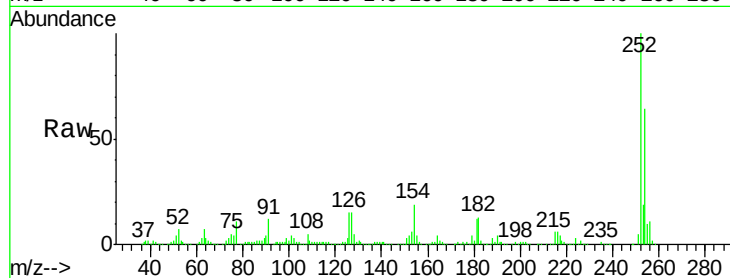
#81  
 3,3'-Dichlorobenzidine  
 Concen: 44.91 ng  
 RT: 13.84 min Scan# 1028  
 Delta R.T. -0.01 min  
 Lab File: BF086707.D  
 Acq: 5 May 2016 14:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.7  | 50.7  | 76.1  |
| 126     | 15.0  | 12.7  | 19.1  |

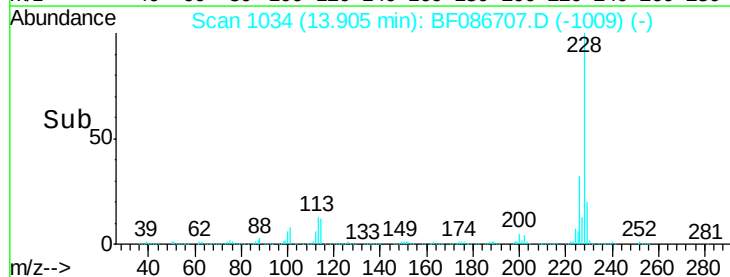
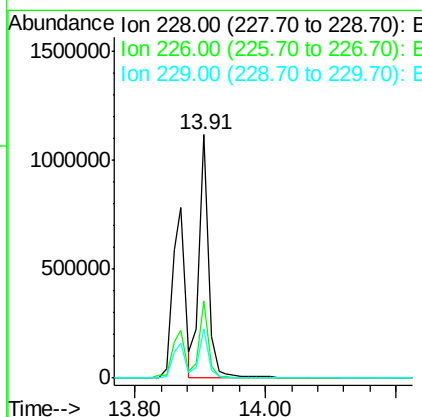
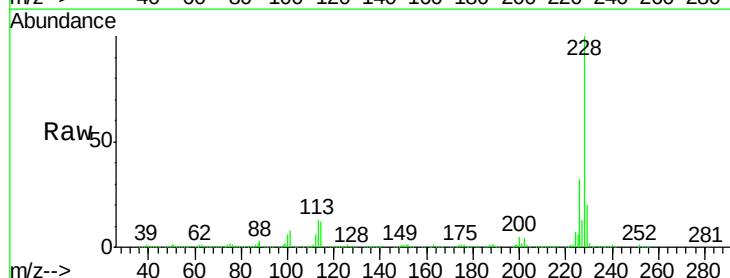
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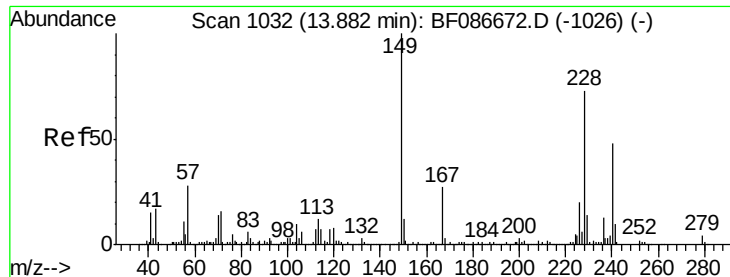
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#82  
 Chrysene  
 Concen: 37.38 ng  
 RT: 13.91 min Scan# 1034  
 Delta R.T. -0.01 min  
 Lab File: BF086707.D  
 Acq: 5 May 2016 14:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.7  | 24.4  | 36.6  |
| 229     | 20.2  | 15.8  | 23.8  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.29 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

Instrument :

BNA\_F

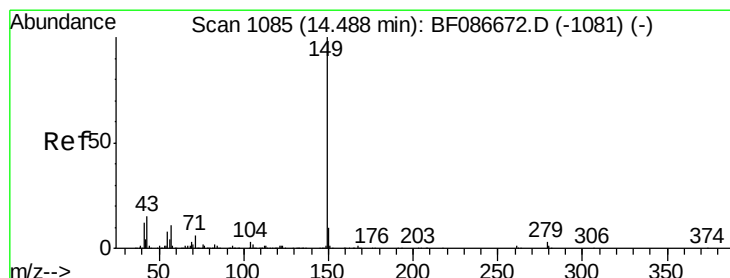
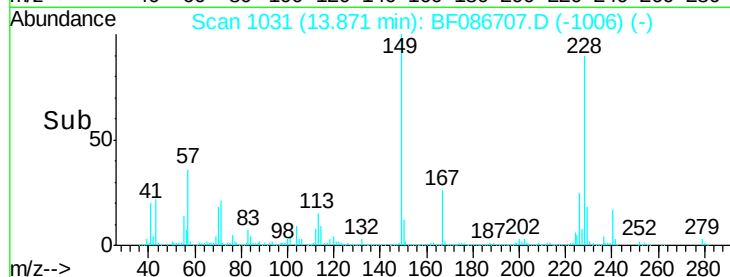
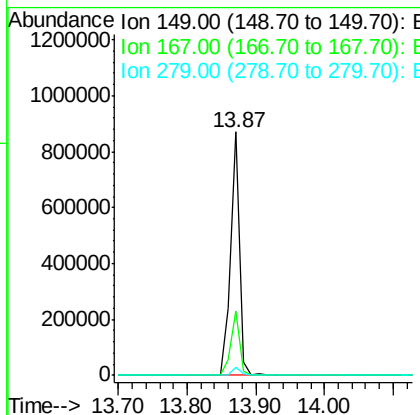
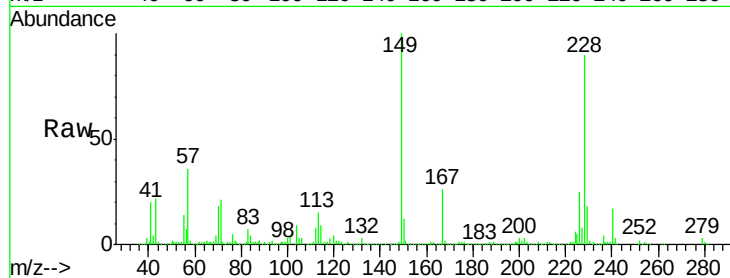
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 809092 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 167       | 26.5 | 21.8  | 32.6   |
| 279       | 3.3  | 2.6   | 4.0    |

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#84

Di-n-octyl phthalate

Concen: 47.61 ng

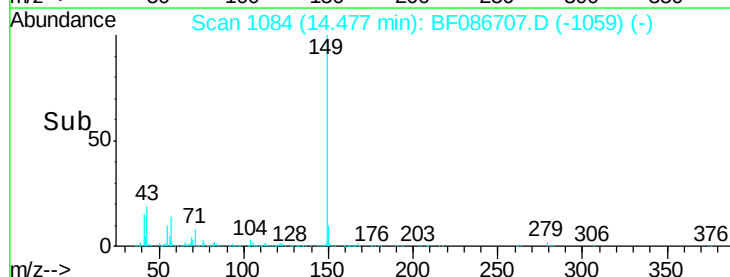
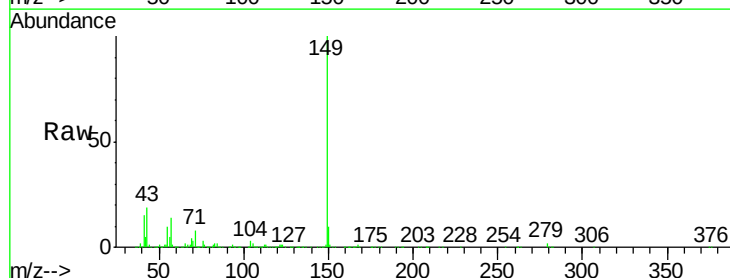
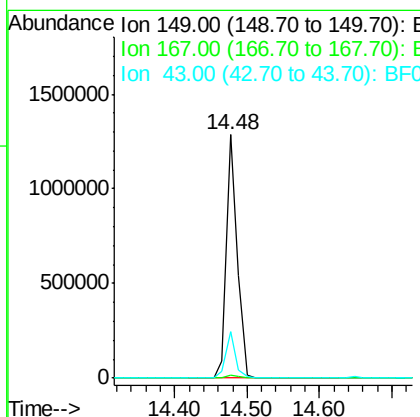
RT: 14.48 min Scan# 1084

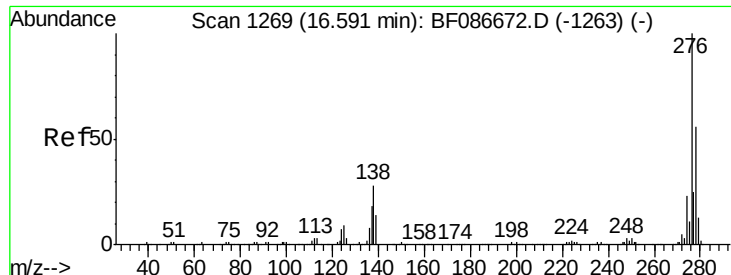
Delta R.T. -0.01 min

Lab File: BF086707.D

Acq: 5 May 2016 14:04

|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 149  | Resp: | 1340171 |
| Ion Ratio |      | Lower | Upper   |
| 149       | 100  |       |         |
| 167       | 1.5  | 1.2   | 1.8     |
| 43        | 16.4 | 8.2   | 12.4#   |





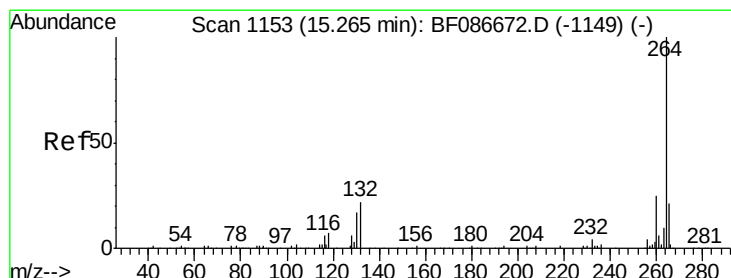
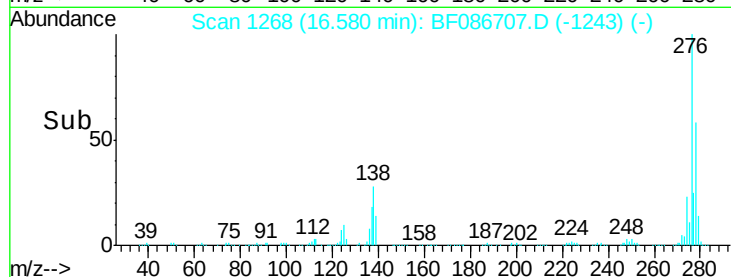
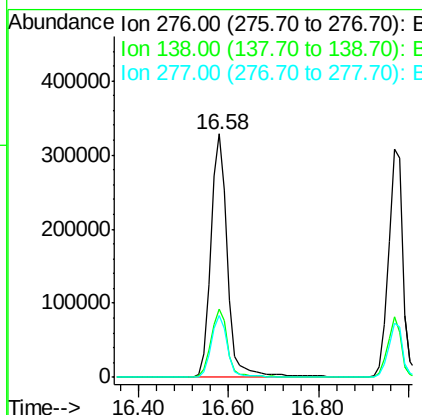
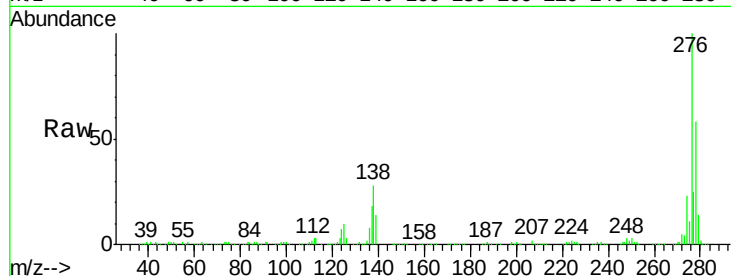
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 32.95 ng  
 RT: 16.58 min Scan# 1268  
 Delta R.T. -0.01 min  
 Lab File: BF086707.D  
 Acq: 5 May 2016 14:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 844440 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 28.5  | 25.6  | 38.4   |
| 277       | 25.4  | 20.5  | 30.7   |

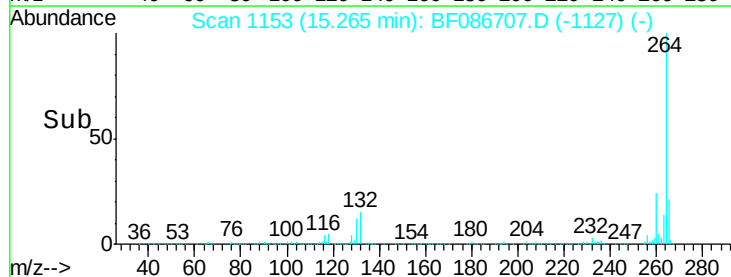
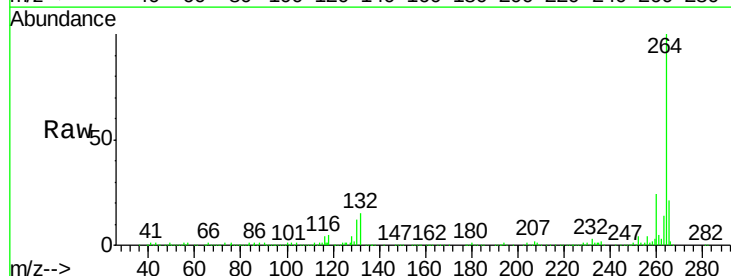
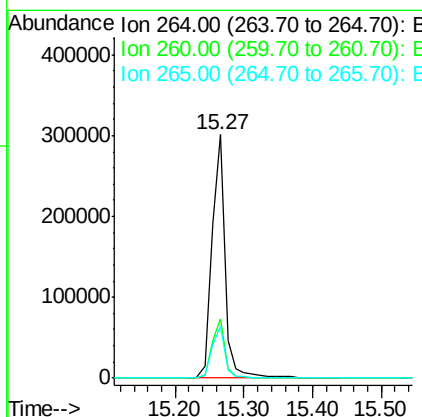
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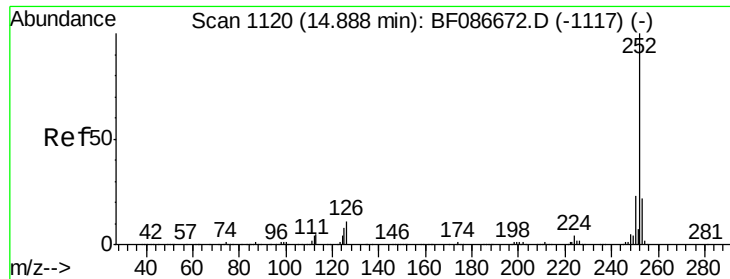
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#86  
 Perylene-d12  
 Concen: 40.00 ng  
 RT: 15.27 min Scan# 1153  
 Delta R.T. 0.00 min  
 Lab File: BF086707.D  
 Acq: 5 May 2016 14:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 407184 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.2  | 19.5  | 29.3   |
| 265       | 21.2  | 17.3  | 25.9   |





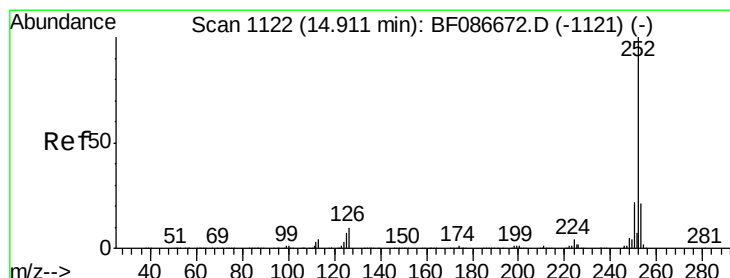
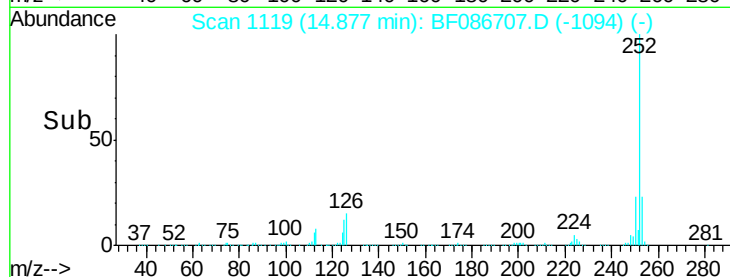
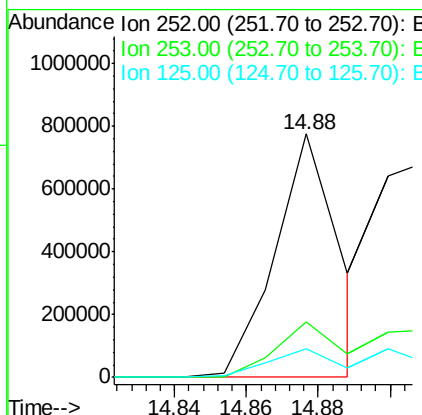
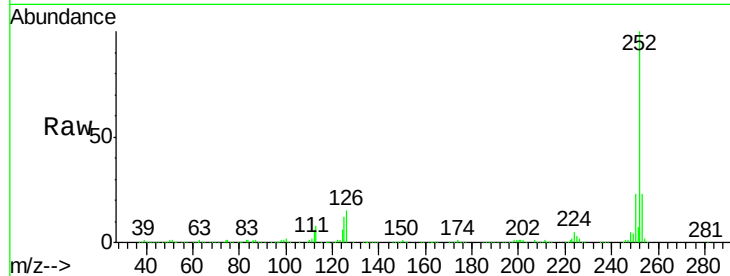
#87  
Benzo(b)fluoranthene  
Concen: 39.35 ng m  
RT: 14.88 min Scan# 1119  
Delta R.T. -0.01 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 17.8  | 26.6  |
| 125     | 11.7  | 11.4  | 17.0  |

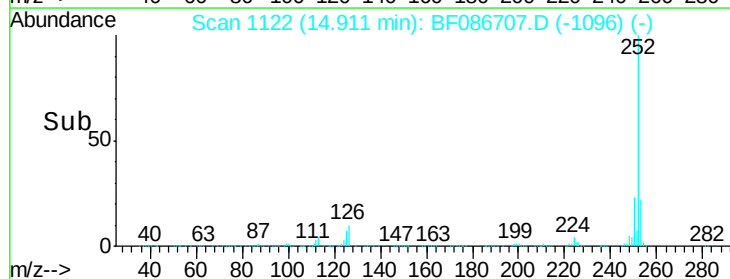
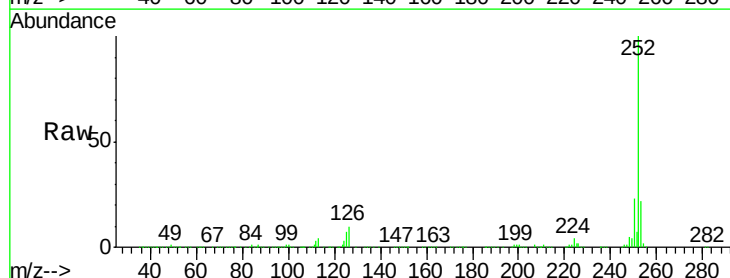
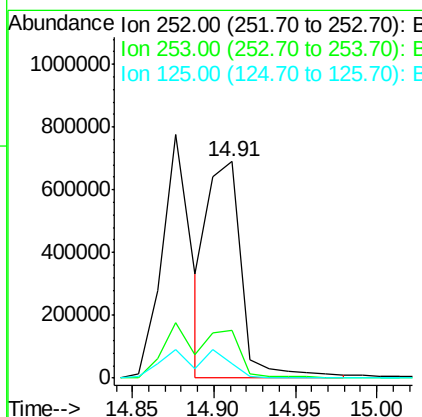
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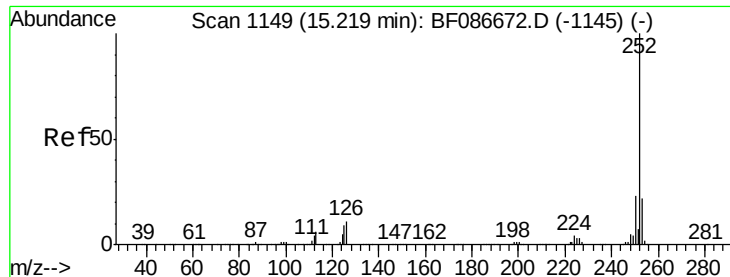


#88  
Benzo(k)fluoranthene  
Concen: 44.04 ng m  
RT: 14.91 min Scan# 1122  
Delta R.T. 0.00 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.8  | 26.6  |
| 125     | 6.5   | 9.1   | 13.7# |







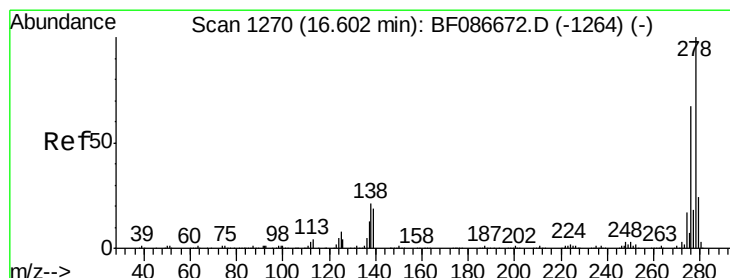
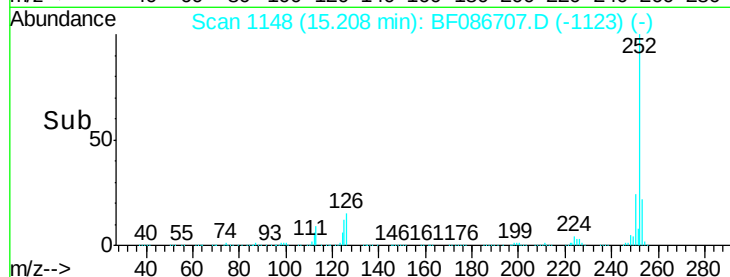
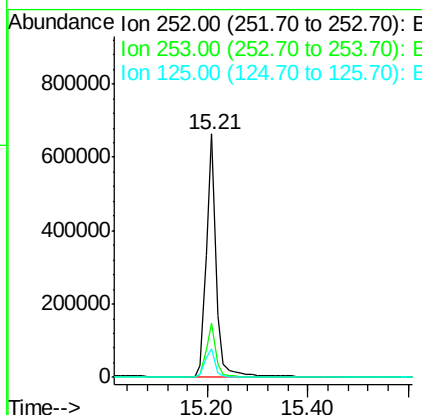
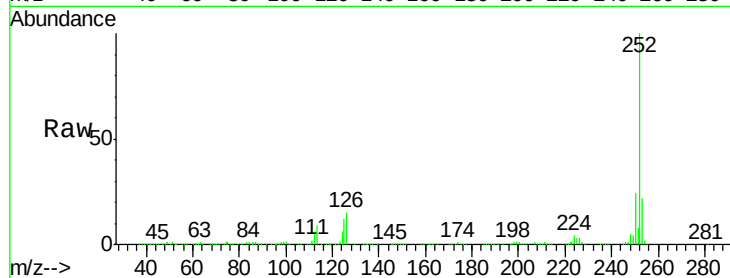
#89  
Benzo(a)pyrene  
Concen: 39.67 ng  
RT: 15.21 min Scan# 1148  
Delta R.T. -0.01 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 253     | 22.3  | 17.2       | 25.8       |
| 125     | 11.5  | 9.0        | 13.6       |

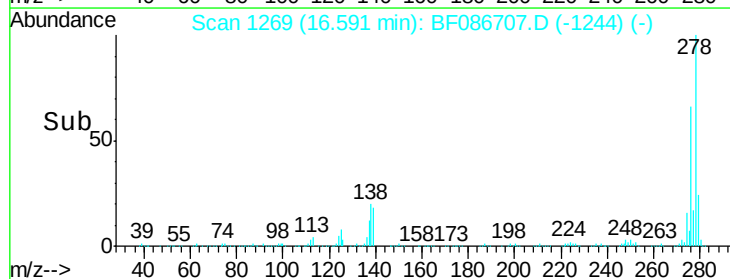
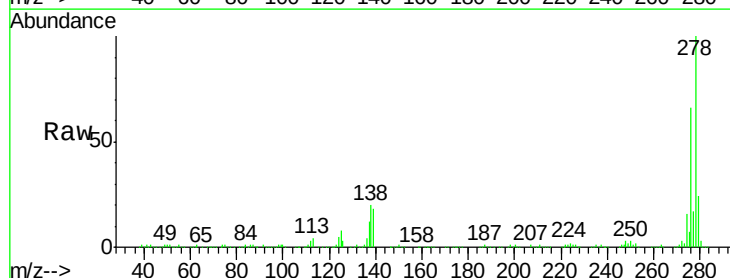
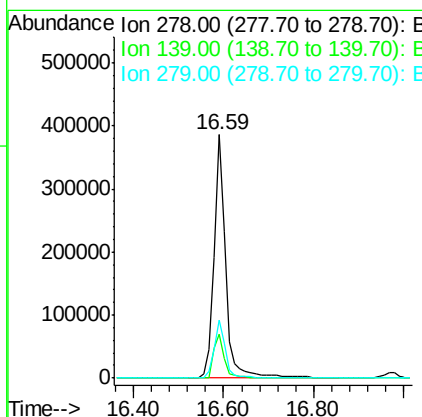
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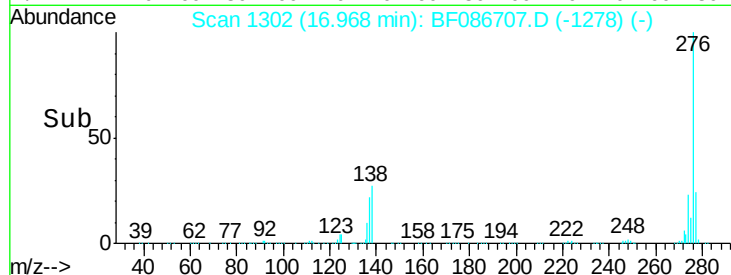
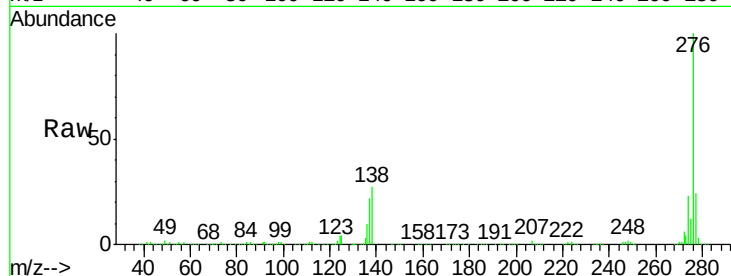
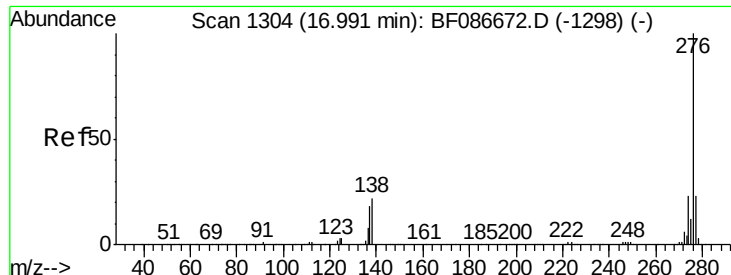
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#90  
Dibenzo(a,h)anthracene  
Concen: 32.46 ng  
RT: 16.59 min Scan# 1269  
Delta R.T. -0.01 min  
Lab File: BF086707.D  
Acq: 5 May 2016 14:04

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 278     | 100   |            |            |
| 139     | 18.2  | 16.6       | 24.8       |
| 279     | 23.8  | 19.6       | 29.4       |





#91  
 Benzo(g,h,i)perylene  
 Concen: 30.68 ng  
 RT: 16.97 min Scan# 1302  
 Delta R.T. -0.02 min  
 Lab File: BF086707.D  
 Acq: 5 May 2016 14:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 697247 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.8  | 19.6  | 29.4   |
| 138       | 26.8  | 23.6  | 35.4   |

Manual Integrations  
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