

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051416\  
 Data File : BF087051.D  
 Acq On : 15 May 2016 6:20  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

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 5/16/2016 6:59:00 PM

Quant Time: May 16 06:48:26 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 16 05:03:47 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.62  | 152  | 155489   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.91  | 136  | 640001   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.64  | 164  | 283992   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.13 | 188  | 518791   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.76 | 240  | 301924   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.11 | 264  | 343791   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.20  | 112 | 761899  | 82.98 | ng | 0.00  |
| 7) Phenol-d6             | 6.28  | 99  | 916855  | 74.72 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.19  | 82  | 1064539 | 83.52 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.44 | 330 | 255274  | 84.91 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 8.98  | 172 | 1388484 | 82.17 | ng | 0.00  |
| 78) Terphenyl-d14        | 12.71 | 244 | 1195557 | 84.02 | ng | 0.00  |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.04 | 88  | 189529  | 42.05 | ng | # 71   |
| 3) Pyridine                    | 2.70 | 79  | 420975  | 38.20 | ng | # 63   |
| 4) n-Nitrosodimethylamine      | 2.65 | 42  | 357166  | 44.70 | ng | # 47   |
| 6) Aniline                     | 6.28 | 93  | 609234  | 41.05 | ng | 90     |
| 8) 2-Chlorophenol              | 6.41 | 128 | 443413  | 40.02 | ng | 97     |
| 9) Benzaldehyde                | 6.16 | 77  | 270681  | 38.09 | ng | 98     |
| 10) Phenol                     | 6.30 | 94  | 549355  | 37.67 | ng | # 69   |
| 11) bis(2-Chloroethyl)ether    | 6.36 | 93  | 472951  | 41.59 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 6.55 | 146 | 453832m | 37.85 | ng |        |
| 13) 1,4-Dichlorobenzene        | 6.63 | 146 | 474641m | 38.82 | ng |        |
| 14) 1,2-Dichlorobenzene        | 6.79 | 146 | 426152  | 39.99 | ng | 98     |
| 15) Benzyl Alcohol             | 6.78 | 79  | 360408  | 42.54 | ng | # 85   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.90 | 45  | 948256  | 38.35 | ng | 63     |
| 17) 2-Methylphenol             | 6.90 | 107 | 337506  | 38.28 | ng | # 76   |
| 18) Hexachloroethane           | 7.12 | 117 | 181459  | 39.45 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.05 | 70  | 362036  | 42.22 | ng | # 68   |
| 20) 3+4-Methylphenols          | 7.06 | 107 | 465374  | 40.42 | ng | # 62   |
| 22) Acetophenone               | 7.04 | 105 | 615038  | 40.69 | ng | # 98   |
| 24) Nitrobenzene               | 7.21 | 77  | 532975  | 40.65 | ng | 97     |
| 25) Isophorone                 | 7.45 | 82  | 886525  | 37.49 | ng | 97     |
| 26) 2-Nitrophenol              | 7.53 | 139 | 239539  | 41.56 | ng | # 92   |
| 27) 2,4-Dimethylphenol         | 7.59 | 122 | 406755  | 41.43 | ng | 90     |
| 28) bis(2-Chloroethoxy)methane | 7.67 | 93  | 501542  | 39.32 | ng | # 98   |
| 29) 2,4-Dichlorophenol         | 7.78 | 162 | 346573  | 40.11 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 7.85 | 180 | 398103  | 41.20 | ng | 99     |
| 31) Naphthalene                | 7.92 | 128 | 1218547 | 38.01 | ng | 99     |
| 32) Benzoic acid               | 7.75 | 122 | 198440  | 34.41 | ng | 88     |
| 33) 4-Chloroaniline            | 7.99 | 127 | 483012  | 38.78 | ng | # 89   |
| 34) Hexachlorobutadiene        | 8.04 | 225 | 234093  | 41.76 | ng | 98     |
| 35) Caprolactam                | 8.38 | 113 | 112270  | 38.19 | ng | # 50   |
| 36) 4-Chloro-3-methylphenol    | 8.49 | 107 | 400960  | 38.26 | ng | 91     |
| 37) 2-Methylnaphthalene        | 8.62 | 142 | 809291  | 43.18 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.78 | 216 | 334434  | 40.50 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.76 | 237 | 121026  | 30.88 | ng | 93     |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
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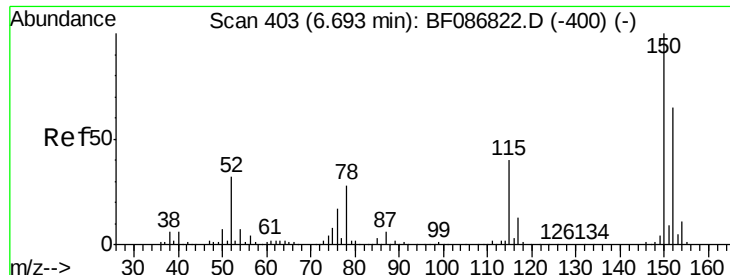
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 5/16/2016 6:59:00 PM

Quant Time: May 16 06:48:26 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050916.M  
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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.90  | 196  | 224317   | 40.63 | ng    | 95       |
| 43) 2,4,5-Trichlorophenol      | 8.95  | 196  | 234306   | 41.03 | ng #  | 81       |
| 45) 1,1'-Biphenyl              | 9.08  | 154  | 1018788  | 45.10 | ng    | 100      |
| 46) 2-Chloronaphthalene        | 9.11  | 162  | 751963   | 42.49 | ng    | 97       |
| 47) 2-Nitroaniline             | 9.21  | 65   | 264566   | 40.90 | ng #  | 72       |
| 48) Acenaphthylene             | 9.51  | 152  | 1096334  | 42.12 | ng    | 99       |
| 49) Dimethylphthalate          | 9.39  | 163  | 879287   | 40.58 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.46  | 165  | 193215   | 42.37 | ng #  | 65       |
| 51) Acenaphthene               | 9.68  | 154  | 685681   | 42.34 | ng    | 98       |
| 52) 3-Nitroaniline             | 9.62  | 138  | 195307   | 40.69 | ng #  | 73       |
| 53) 2,4-Dinitrophenol          | 9.74  | 184  | 53148    | 28.31 | ng #  | 80       |
| 54) Dibenzofuran               | 9.85  | 168  | 858740   | 41.31 | ng    | 92       |
| 55) 4-Nitrophenol              | 9.82  | 139  | 101413m  | 34.44 | ng    |          |
| 56) 2,4-Dinitrotoluene         | 9.86  | 165  | 252414   | 44.73 | ng    | 87       |
| 57) Fluorene                   | 10.19 | 166  | 684484   | 38.61 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.99  | 232  | 182430   | 42.44 | ng    | 96       |
| 59) Diethylphthalate           | 10.09 | 149  | 920566   | 43.60 | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.19 | 204  | 361344   | 47.50 | ng    | 94       |
| 61) 4-Nitroaniline             | 10.24 | 138  | 172840   | 37.49 | ng #  | 67       |
| 62) Azobenzene                 | 10.35 | 77   | 1020547  | 44.80 | ng    | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 10.26 | 198  | 98796    | 30.65 | ng #  | 12       |
| 65) n-Nitrosodiphenylamine     | 10.32 | 169  | 706751   | 44.34 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.68 | 248  | 214784   | 40.83 | ng #  | 76       |
| 67) Hexachlorobenzene          | 10.74 | 284  | 266786   | 43.40 | ng #  | 86       |
| 68) Atrazine                   | 10.86 | 200  | 226339   | 42.51 | ng    | 95       |
| 69) Pentachlorophenol          | 10.95 | 266  | 97543    | 34.33 | ng    | 98       |
| 70) Phenanthrene               | 11.15 | 178  | 1170029  | 42.26 | ng    | 100      |
| 71) Anthracene                 | 11.20 | 178  | 1059153  | 37.41 | ng    | 99       |
| 72) Carbazole                  | 11.37 | 167  | 1023438  | 42.05 | ng    | 100      |
| 73) Di-n-butylphthalate        | 11.70 | 149  | 1257282  | 42.30 | ng #  | 98       |
| 74) Fluoranthene               | 12.33 | 202  | 1035880  | 36.38 | ng    | 97       |
| 76) Benzidine                  | 12.47 | 184  | 315259   | 40.96 | ng    | 97       |
| 77) Pyrene                     | 12.56 | 202  | 1084877  | 46.93 | ng    | 100      |
| 79) Butylbenzylphthalate       | 13.19 | 149  | 445727   | 45.59 | ng #  | 76       |
| 80) Benzo(a)anthracene         | 13.75 | 228  | 743679   | 43.88 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.71 | 252  | 445265   | 41.35 | ng    | 99       |
| 82) Chrysene                   | 13.78 | 228  | 794071   | 46.06 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.75 | 149  | 534075   | 45.41 | ng #  | 96       |
| 84) Di-n-octyl phthalate       | 14.35 | 149  | 867014   | 44.50 | ng #  | 83       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.37 | 276  | 920417   | 64.16 | ng    | 95       |
| 87) Benzo(b)fluoranthene       | 14.74 | 252  | 720213m  | 32.23 | ng    |          |
| 88) Benzo(k)fluoranthene       | 14.77 | 252  | 749898m  | 40.99 | ng    |          |
| 89) Benzo(a)pyrene             | 15.06 | 252  | 763019   | 39.59 | ng #  | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.38 | 278  | 770840   | 47.46 | ng #  | 93       |
| 91) Benzo(g,h,i)perylene       | 16.73 | 276  | 787350   | 47.71 | ng    | 94       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

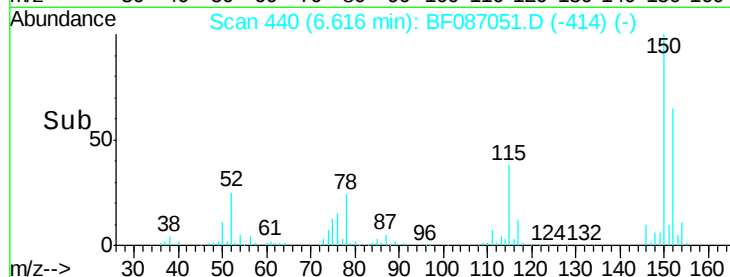
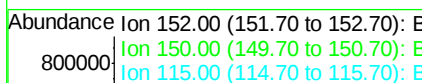
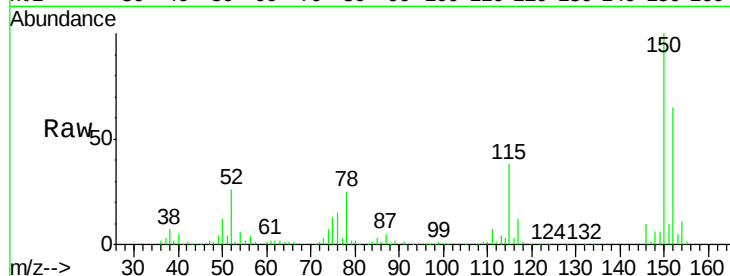
ClientSampleId :

SSTDCCC040

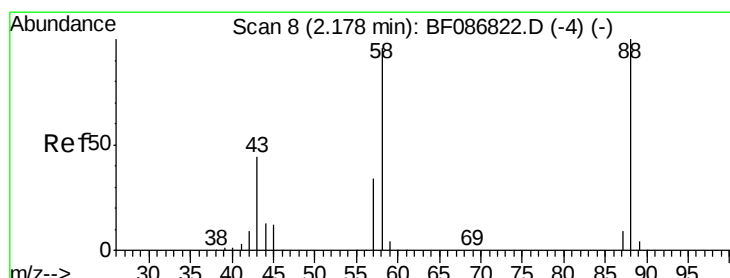
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 155489 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 154.4 | 125.8 | 188.6  |
| 115       | 58.8  | 51.5  | 77.3   |

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Time-->



#2

1,4-Dioxane

Concen: 42.05 ng

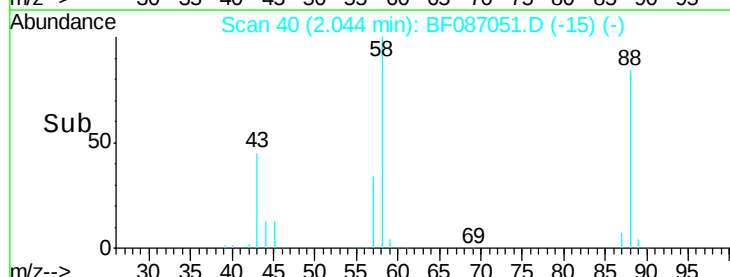
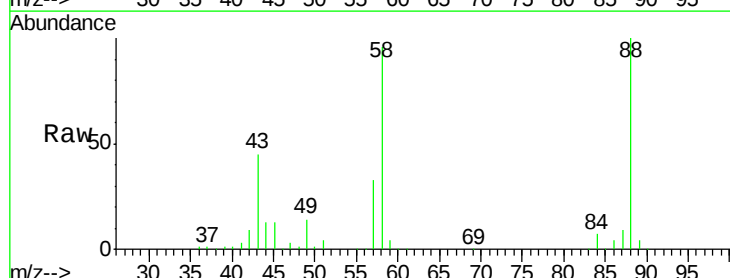
RT: 2.04 min Scan# 40

Delta R.T. -0.01 min

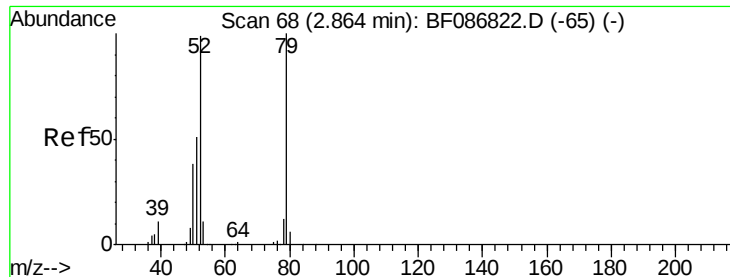
Lab File: BF087051.D

Acq: 15 May 2016 6:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 88    | Resp: | 189529 |
| Ion Ratio | Lower | Upper |        |
| 88        | 100   |       |        |
| 58        | 97.6  | 59.6  | 89.4#  |
| 43        | 45.0  | 21.8  | 32.6#  |



Time-->



#3

Pyridine

Concen: 38.20 ng

RT: 2.70 min Scan# 97

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 420975  
Ion Ratio Lower Upper

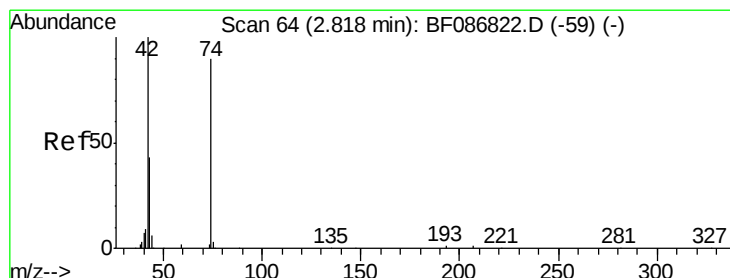
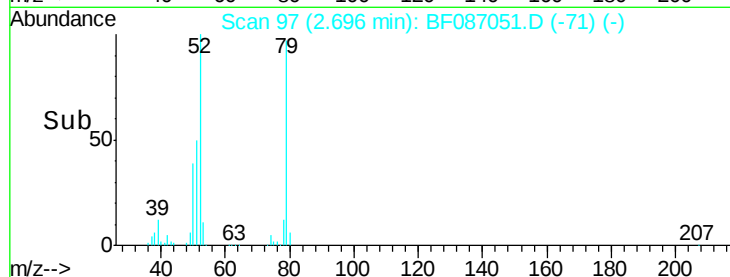
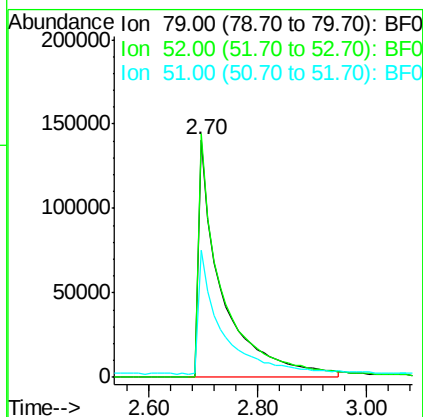
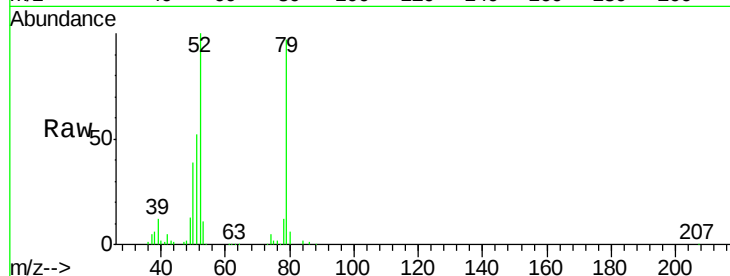
79 100

52 102.6 55.9 83.9#

51 53.5 28.1 42.1#

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#4

n-Nitrosodimethylamine

Concen: 44.70 ng

RT: 2.65 min Scan# 93

Delta R.T. -0.01 min

Lab File: BF087051.D

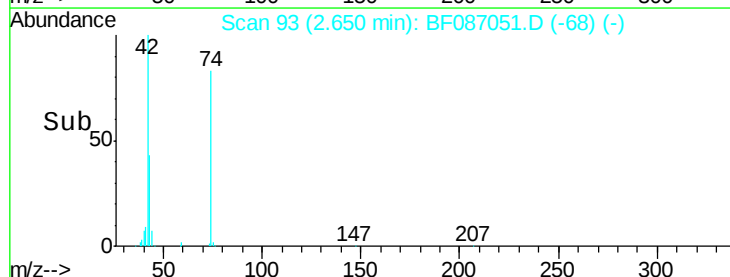
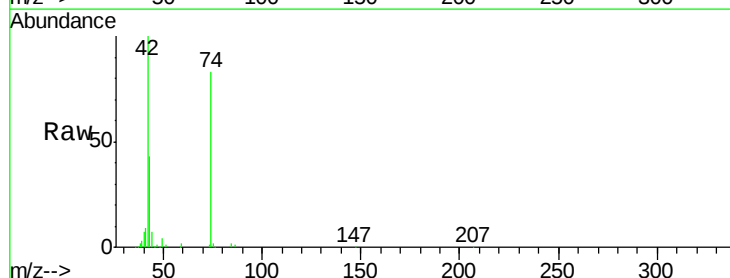
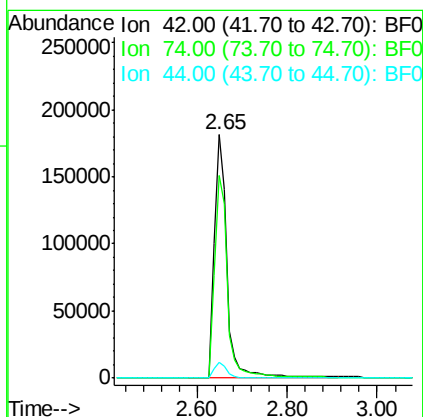
Acq: 15 May 2016 6:20

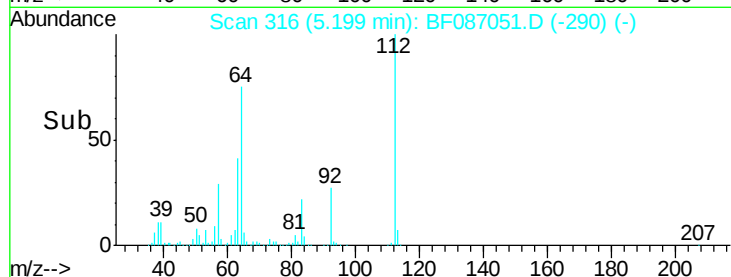
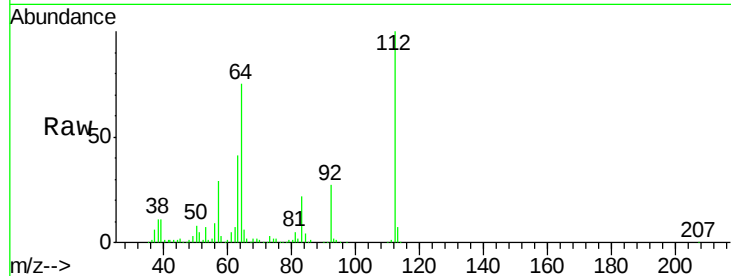
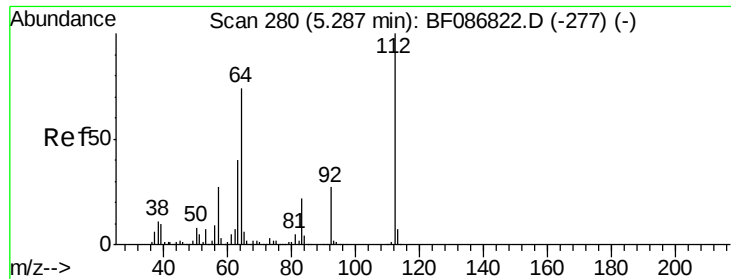
Tgt Ion: 42 Resp: 357166  
Ion Ratio Lower Upper

42 100

74 83.1 123.4 185.0#

44 6.6 5.8 8.6





#5

2-Fluorophenol

Concen: 82.98 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF087051.D

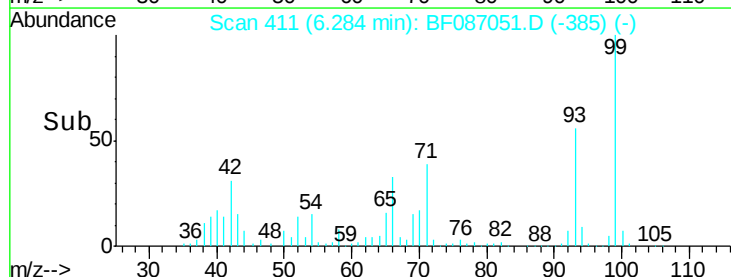
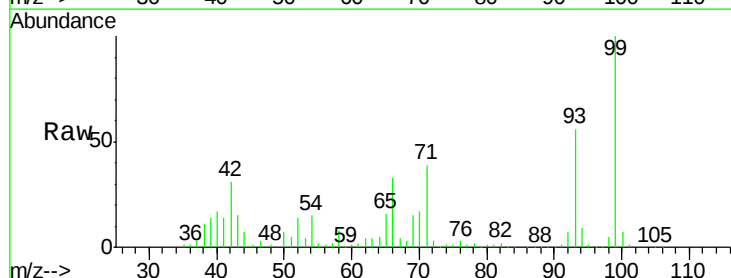
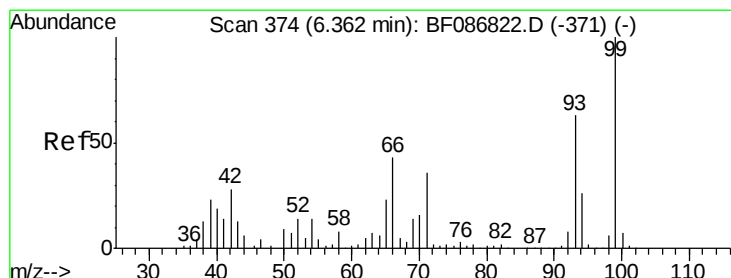
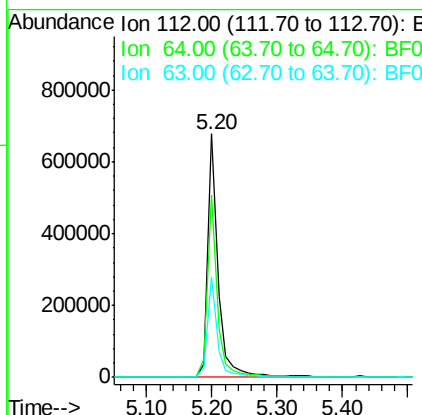
Acq: 15 May 2016 6:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 761899 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 75.0  | 52.1  | 78.1   |
| 63        | 41.1  | 25.7  | 38.5   |

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#6

Aniline

Concen: 41.05 ng

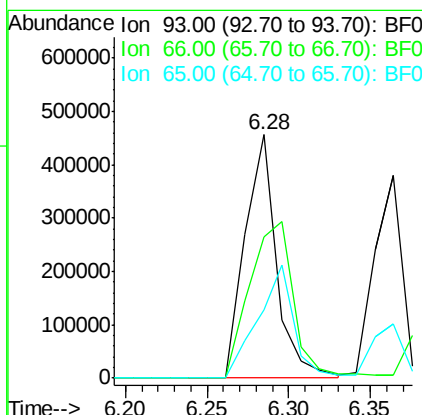
RT: 6.28 min Scan# 411

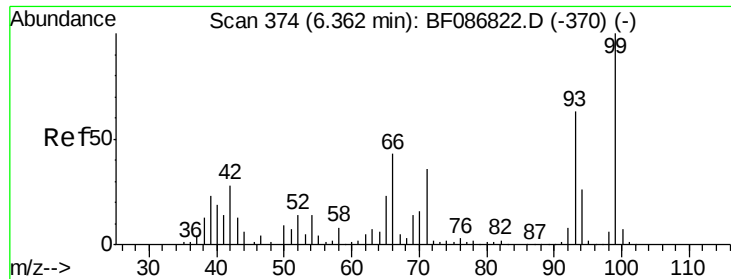
Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 609234 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 58.2  | 39.0  | 58.6   |
| 65        | 27.8  | 20.6  | 31.0   |





#7

Phenol-d6

Concen: 74.72 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

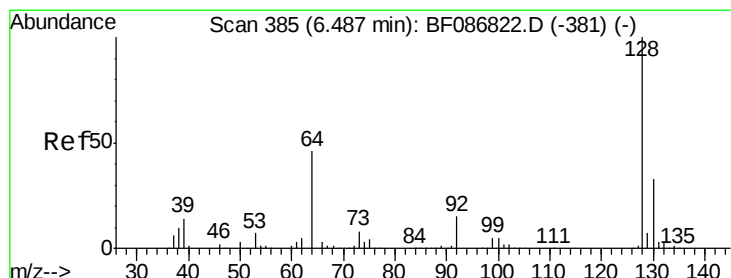
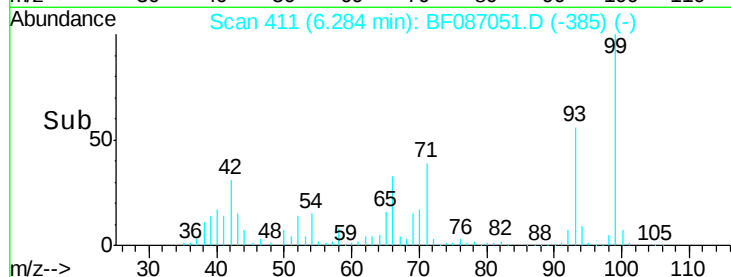
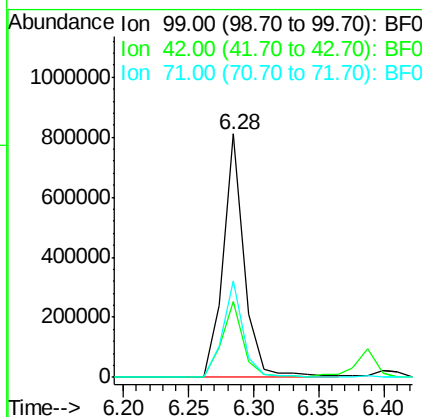
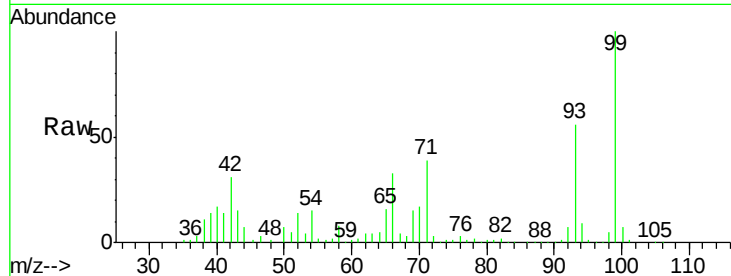
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 916855 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 31.2  | 13.6  | 20.4#  |
| 71        | 39.5  | 24.6  | 36.8#  |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 40.02 ng

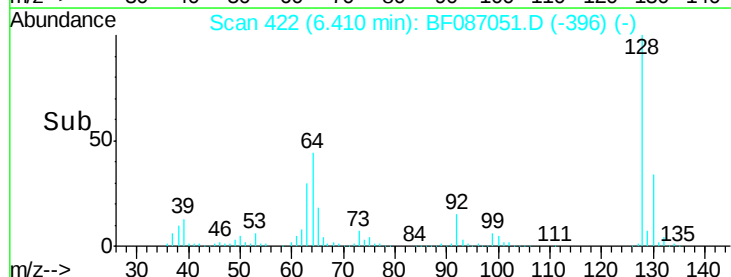
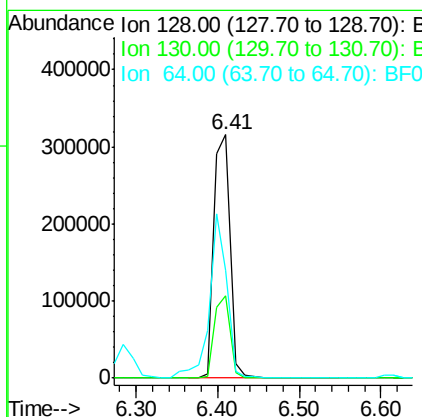
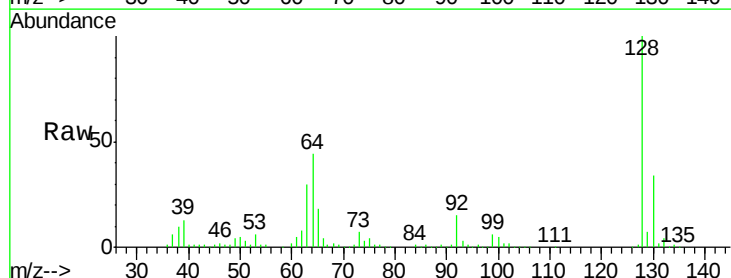
RT: 6.41 min Scan# 422

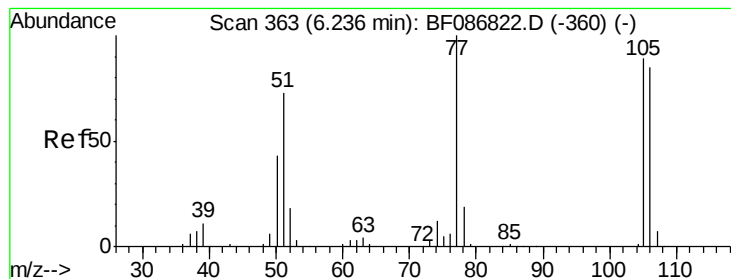
Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 443413 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.7  | 12.5  | 52.5   |
| 64        | 44.5  | 27.3  | 67.3   |





#9

Benzaldehyde

Concen: 38.09 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

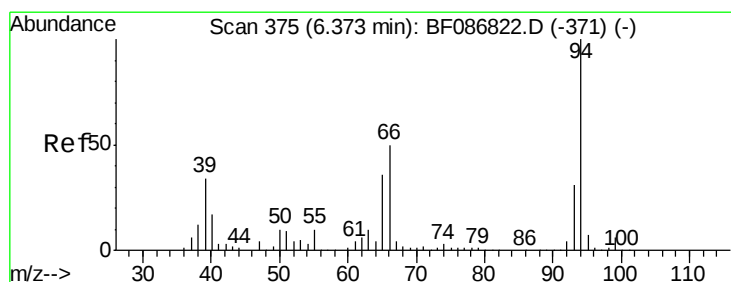
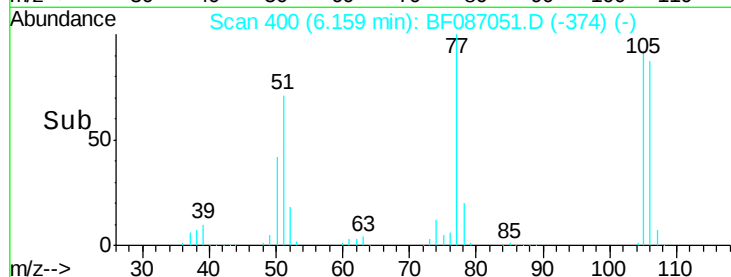
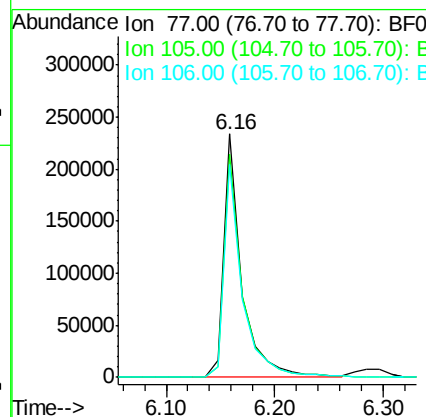
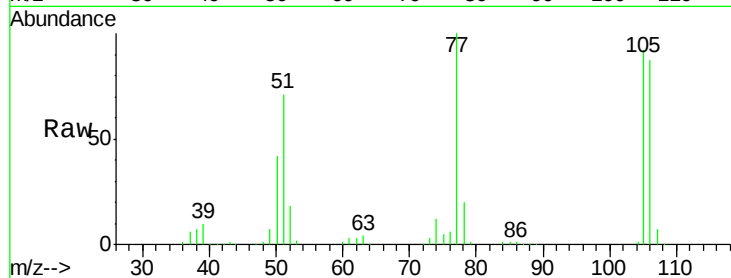
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 270681 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 91.7  | 72.7  | 112.7  |
| 106       | 87.4  | 70.8  | 110.8  |

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#10

Phenol

Concen: 37.67 ng

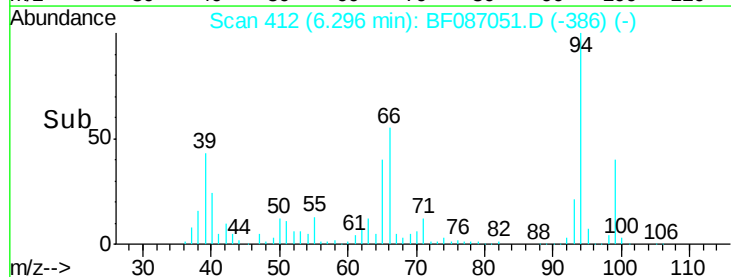
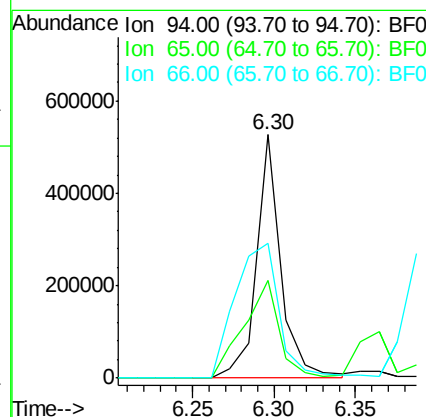
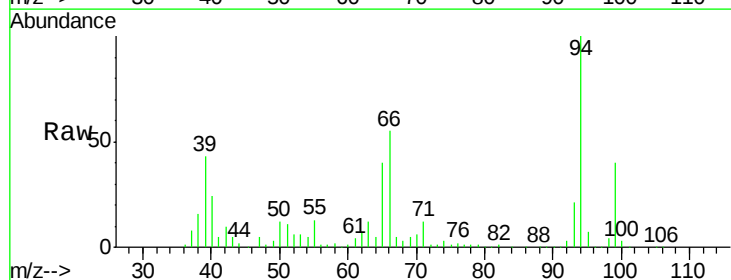
RT: 6.30 min Scan# 412

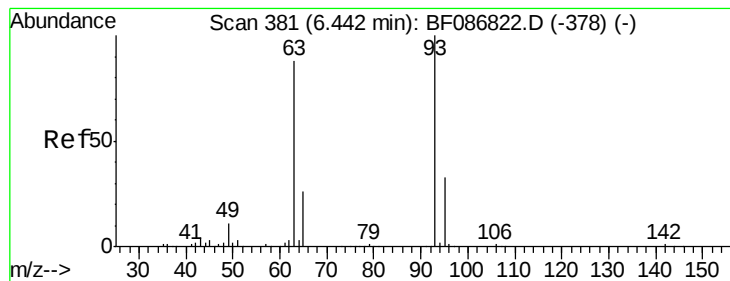
Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 549355 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 40.3  | 7.2   | 47.2   |
| 66        | 55.5  | 14.9  | 54.9#  |





#11

bis(2-Chloroethyl)ether

Concen: 41.59 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

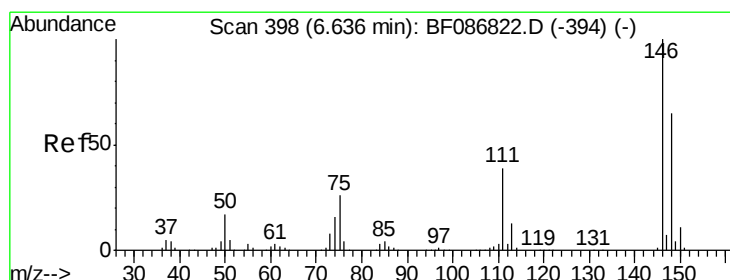
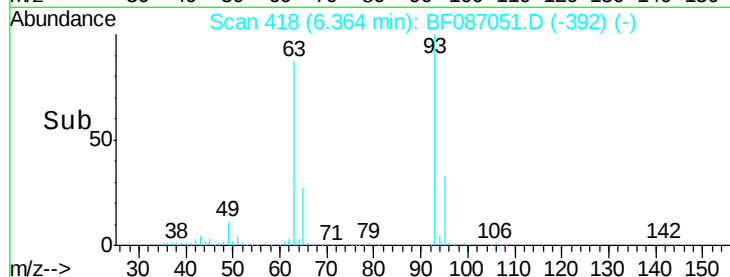
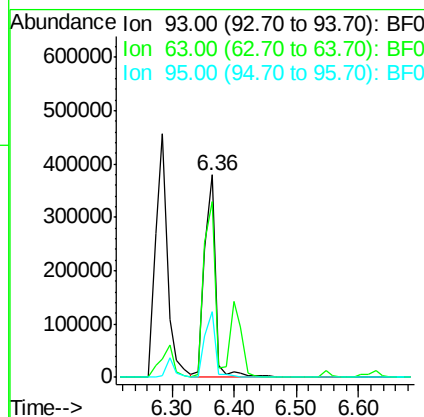
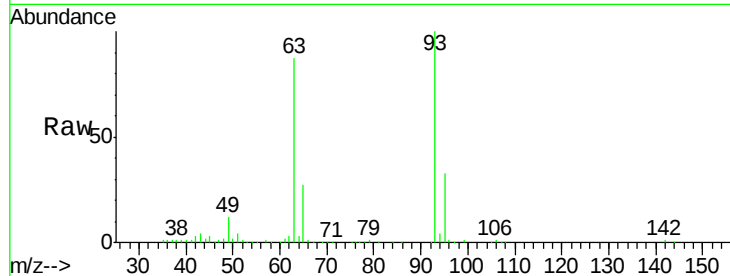
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 472951 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 87.0  | 58.0  | 98.0   |
| 95        | 32.7  | 11.9  | 51.9   |

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#12

1,3-Dichlorobenzene

Concen: 37.85 ng m

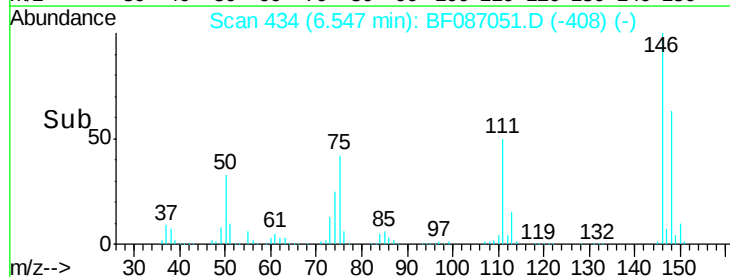
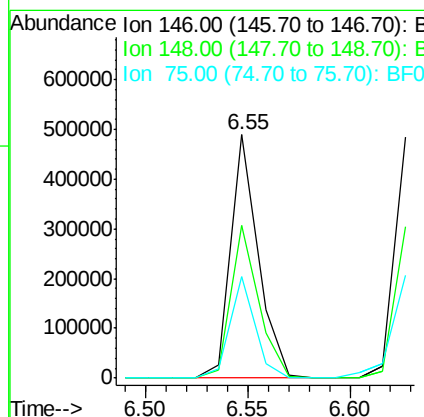
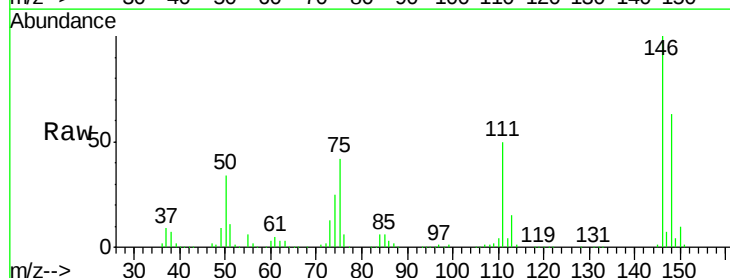
RT: 6.55 min Scan# 434

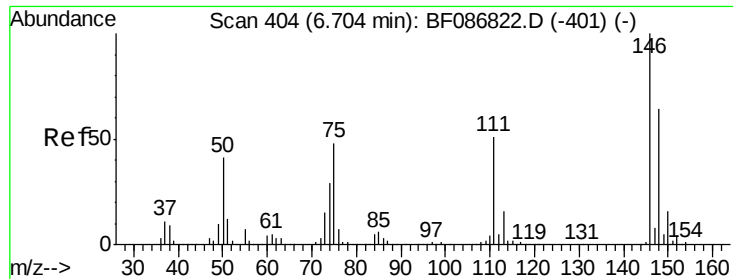
Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 453832 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.7  | 52.4  | 78.6   |
| 75        | 41.7  | 22.8  | 34.2#  |





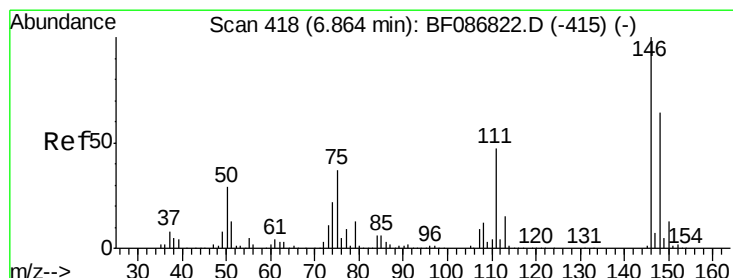
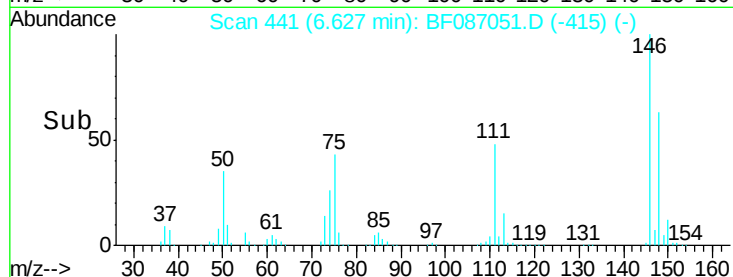
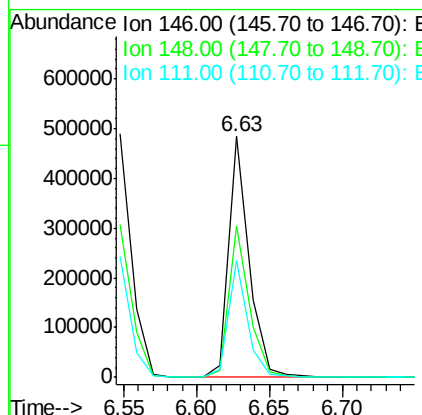
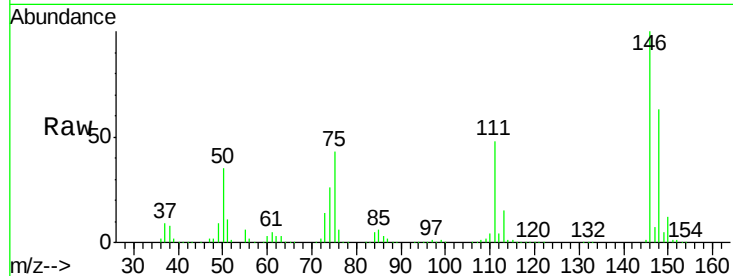
#13  
 1,4-Dichlorobenzene  
 Concen: 38.82 ng m  
 RT: 6.63 min Scan# 441  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDC0040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 474641 |       |       |
| 148     | 63.1  | 52.2   | 78.4  |       |
| 111     | 48.3  | 30.7   | 46.1  |       |

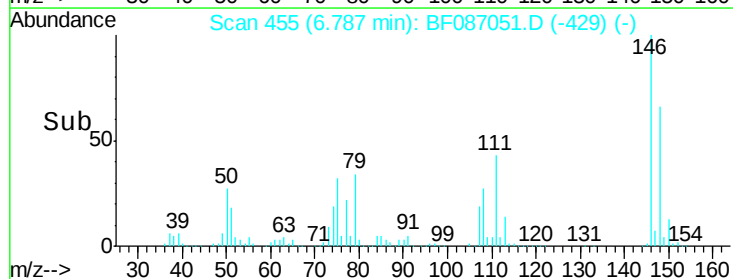
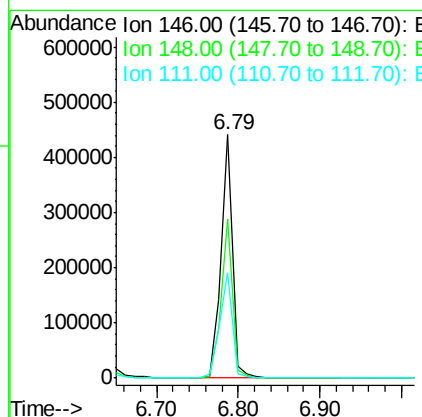
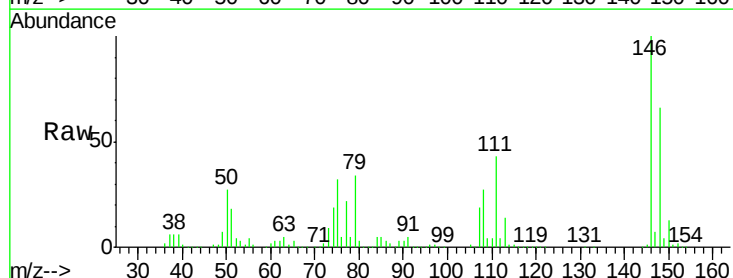
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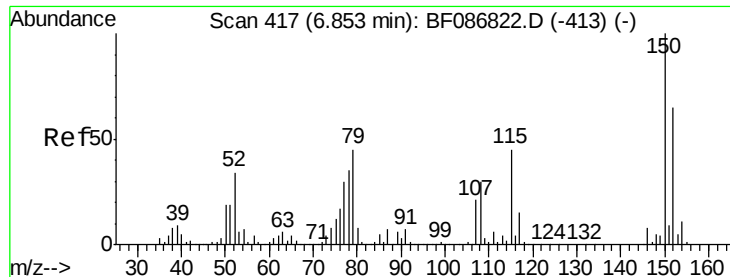
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#14  
 1,2-Dichlorobenzene  
 Concen: 39.99 ng  
 RT: 6.79 min Scan# 455  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 426152 |       |       |
| 148     | 65.6  | 51.0   | 76.6  |       |
| 111     | 43.5  | 36.2   | 54.4  |       |





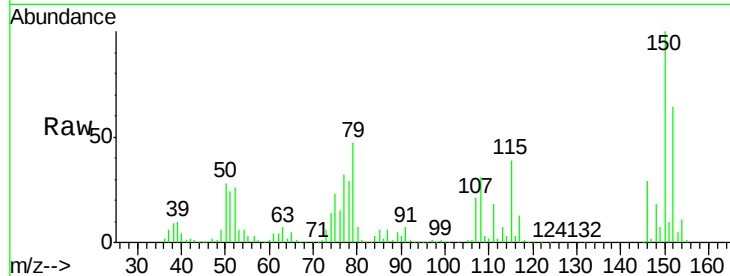
#15  
Benzyl Alcohol  
Concen: 42.54 ng  
RT: 6.78 min Scan# 454  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

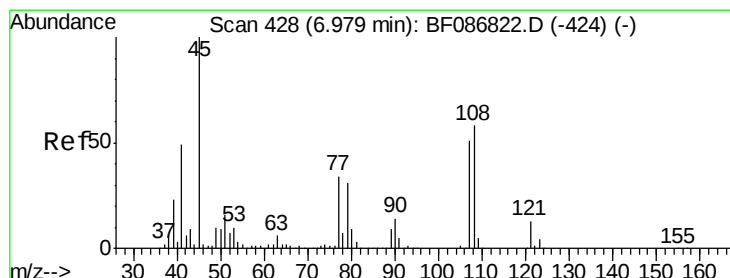
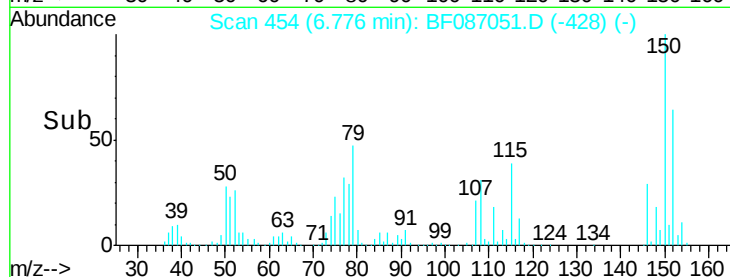
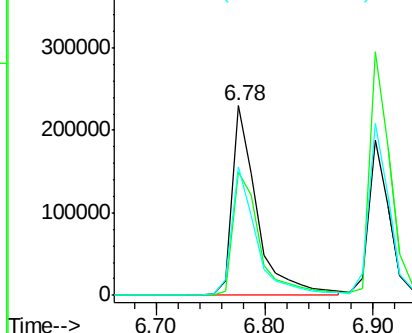
Tgt Ion: 79 Resp: 360408  
Ion Ratio Lower Upper  
79 100  
108 65.2 68.4 102.6#  
77 68.0 50.6 76.0

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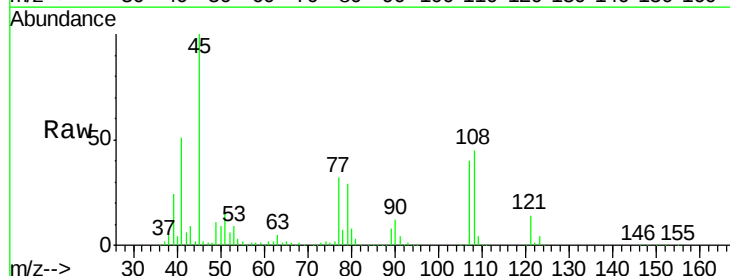


Abundance Ion 79.00 (78.70 to 79.70): BF0  
Ion 108.00 (107.70 to 108.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0

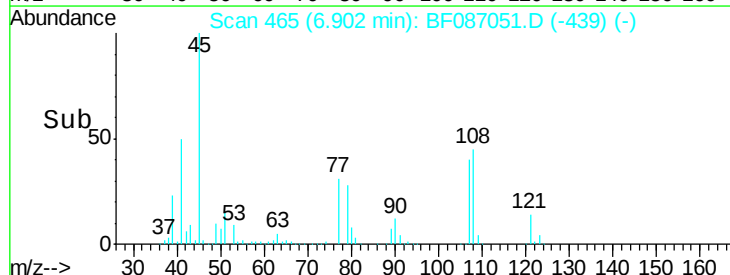
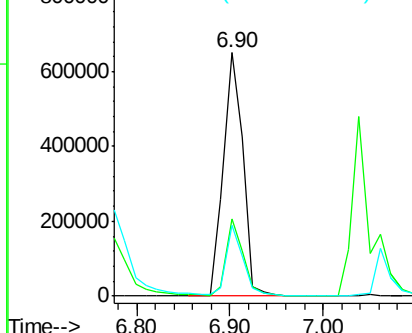


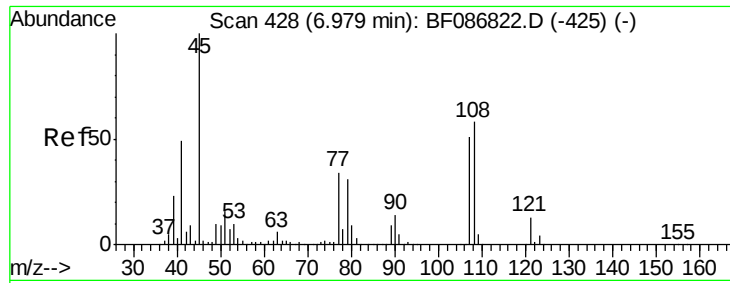
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.35 ng  
RT: 6.90 min Scan# 465  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

Tgt Ion: 45 Resp: 948256  
Ion Ratio Lower Upper  
45 100  
77 31.9 0.0 36.4  
79 28.9 0.0 33.4



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





#17

2-Methylphenol

Concen: 38.28 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

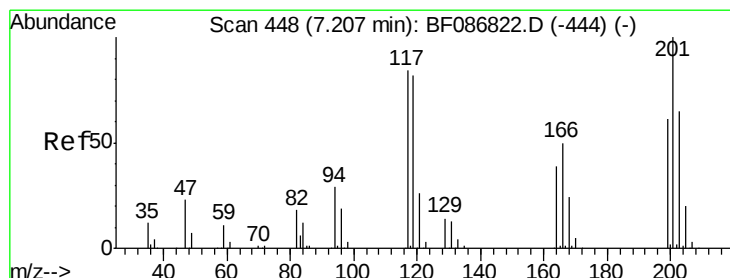
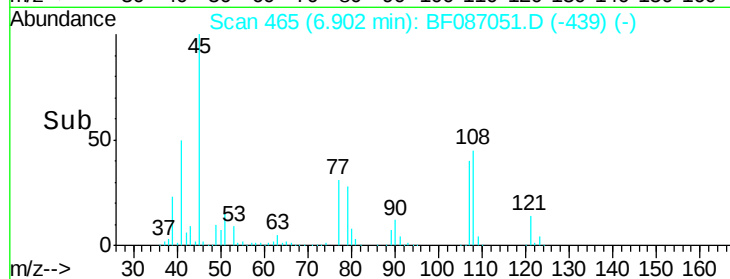
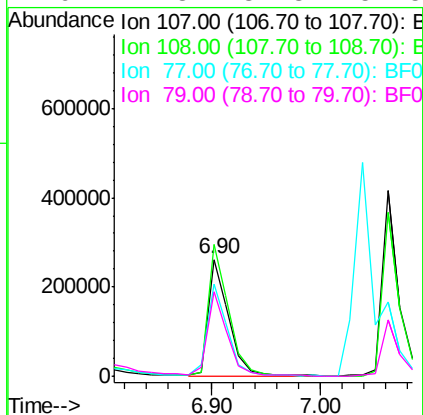
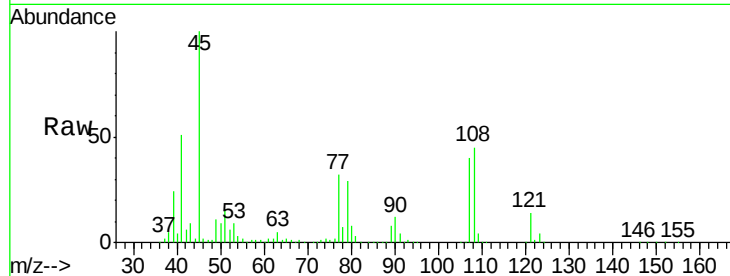
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 337506 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 112.7 | 93.7  | 140.5  |
| 77        | 79.3  | 33.4  | 50.0#  |
| 79        | 71.8  | 34.3  | 51.5#  |

Manual Integrations  
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#18

Hexachloroethane

Concen: 39.45 ng

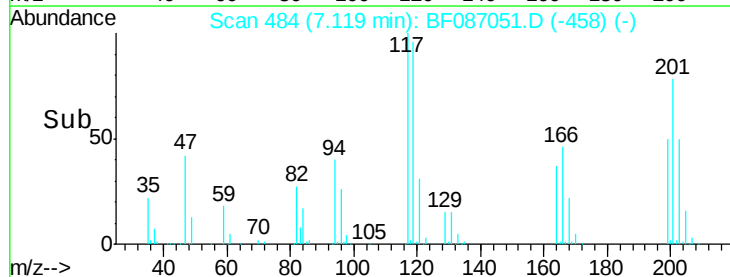
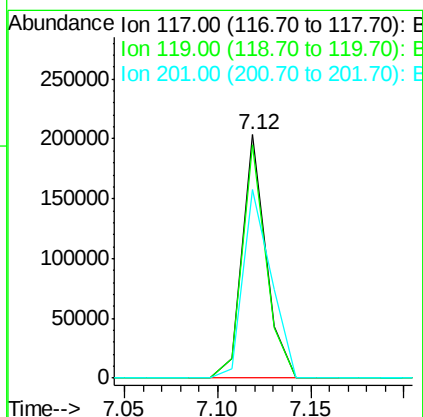
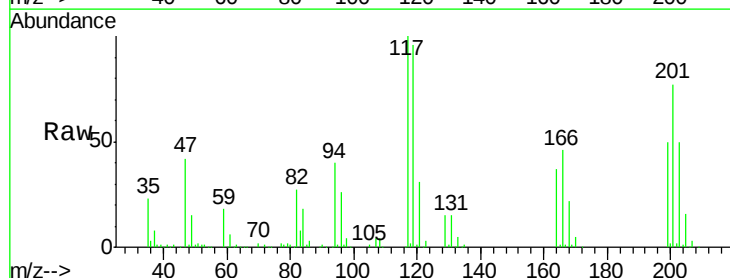
RT: 7.12 min Scan# 484

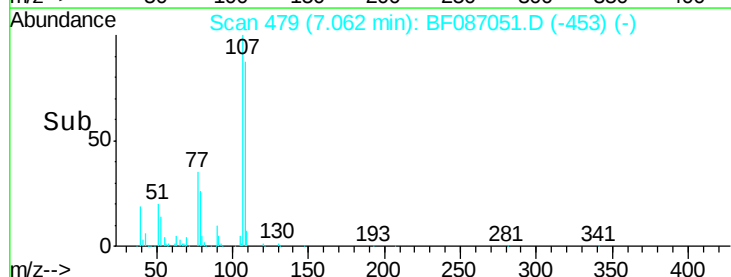
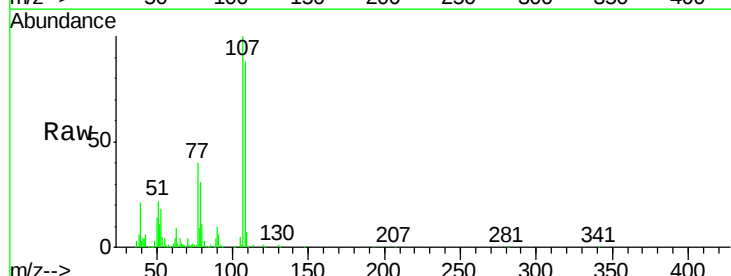
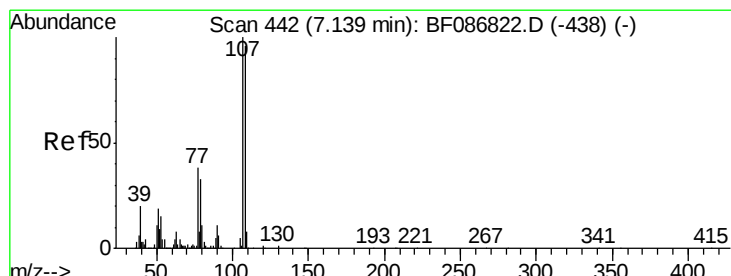
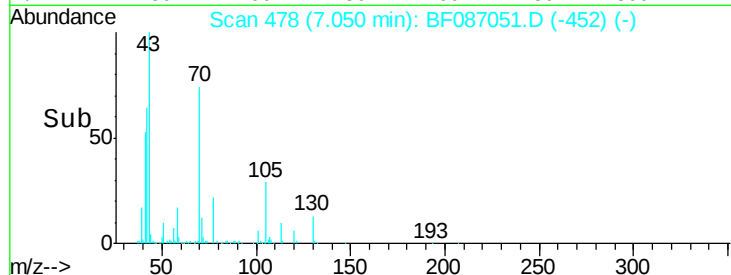
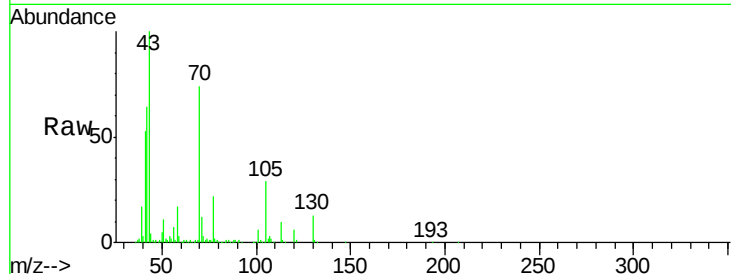
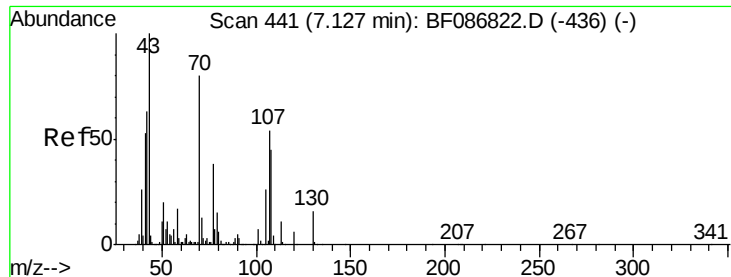
Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 181459 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 96.1  | 76.5  | 114.7  |
| 201       | 77.5  | 63.0  | 94.6   |





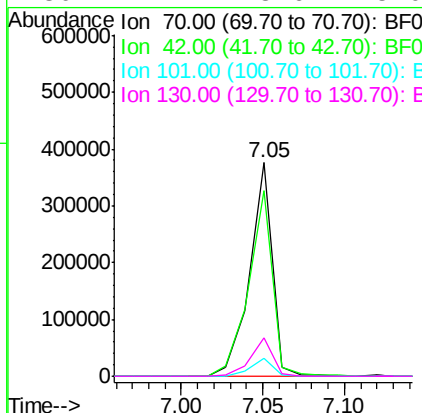
#19  
n-Nitroso-di-n-propylamine  
Concen: 42.22 ng  
RT: 7.05 min Scan# 478  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 70      | 100   |            |            |
| 42      | 86.9  | 43.1       | 64.7#      |
| 101     | 8.7   | 8.1        | 12.1       |
| 130     | 17.7  | 18.6       | 28.0#      |

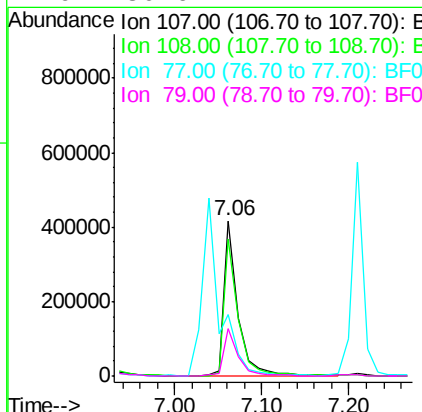
Manual Integrations  
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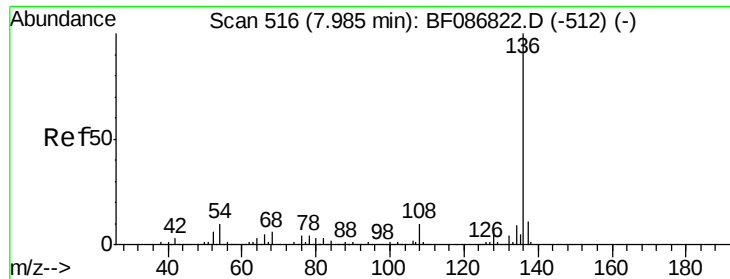
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#20  
3+4-Methylphenols  
Concen: 40.42 ng  
RT: 7.06 min Scan# 479  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 107     | 100   |            |            |
| 108     | 88.4  | 68.5       | 108.5      |
| 77      | 39.9  | 101.6      | 141.6#     |
| 79      | 30.6  | 7.4        | 47.4       |





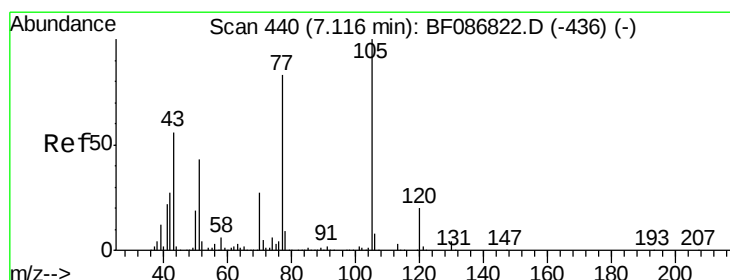
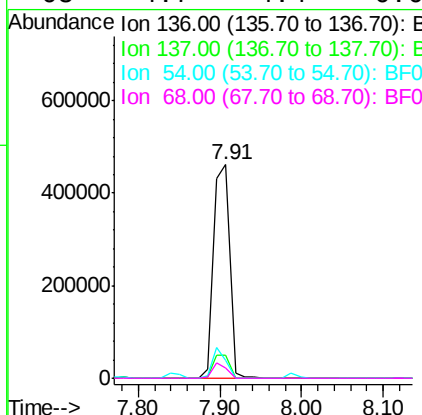
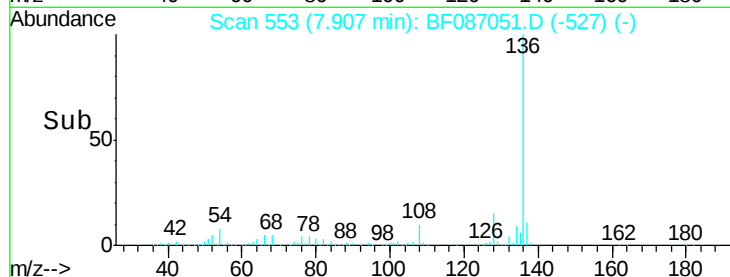
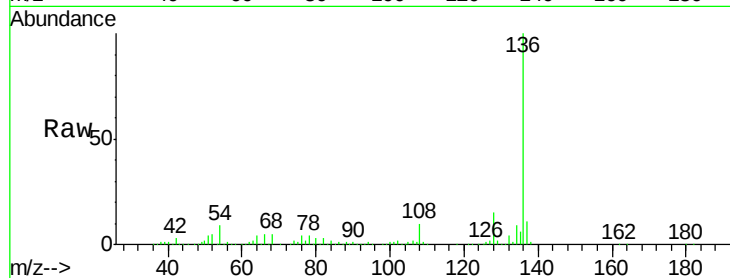
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.91 min Scan# 553  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 640001 |       |       |
| 137     | 10.7  | 8.8    | 13.2  |       |
| 54      | 8.5   | 5.0    | 7.4   |       |
| 68      | 4.7   | 4.4    | 6.6   |       |

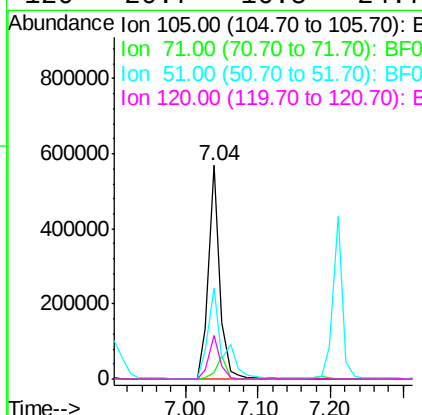
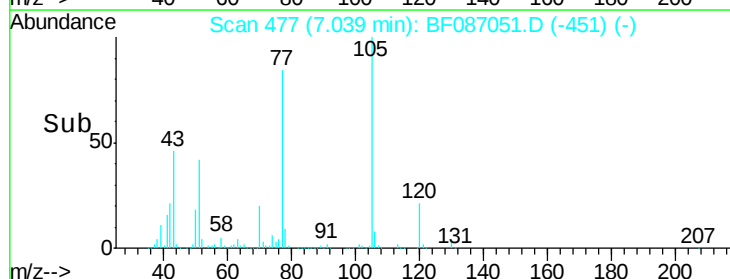
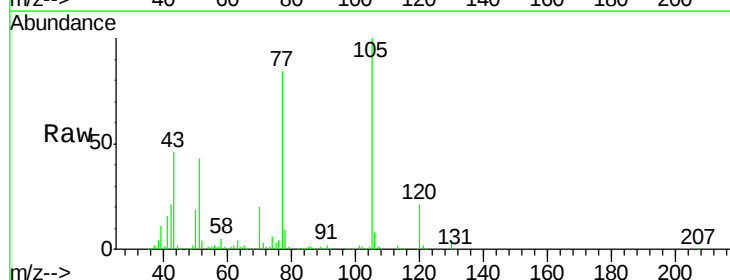
Manual Integrations  
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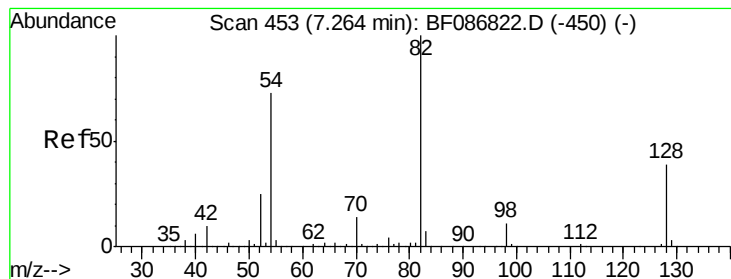
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#22  
Acetophenone  
Concen: 40.69 ng  
RT: 7.04 min Scan# 477  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 615038 |       |       |
| 71      | 3.3   | 4.8    | 7.2   |       |
| 51      | 42.5  | 32.6   | 49.0  |       |
| 120     | 20.7  | 16.5   | 24.7  |       |





#23

Nitrobenzene-d5

Concen: 83.52 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1064539

Ion Ratio Lower Upper

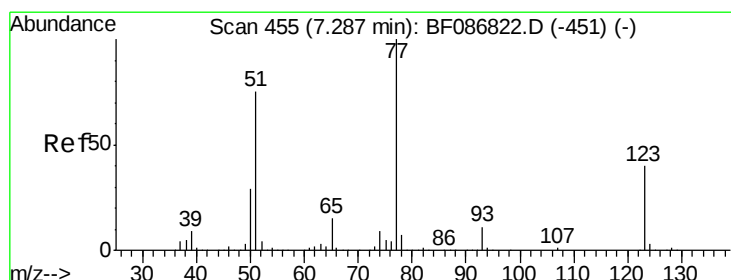
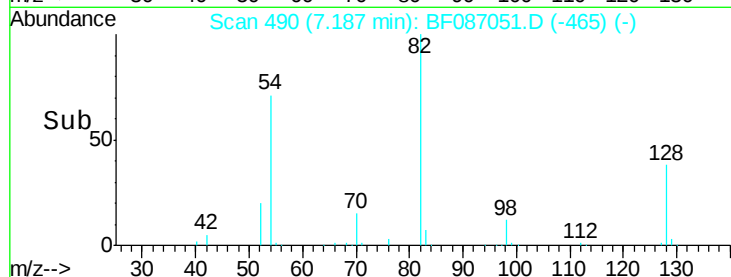
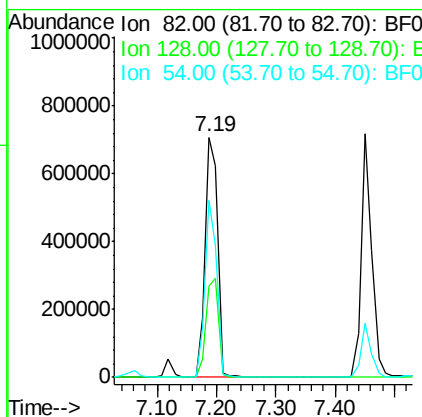
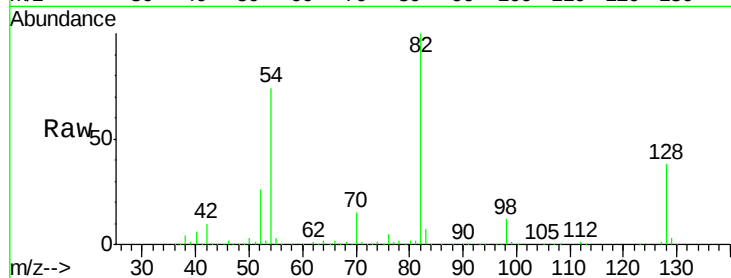
82 100

128 37.9 40.6 61.0#

54 73.8 38.1 57.1#

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#24

Nitrobenzene

Concen: 40.65 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

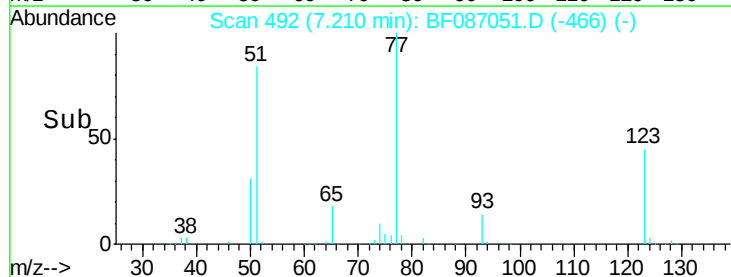
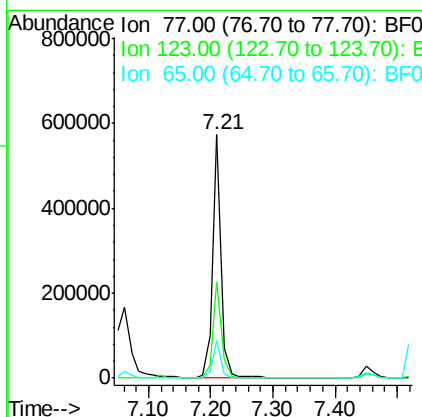
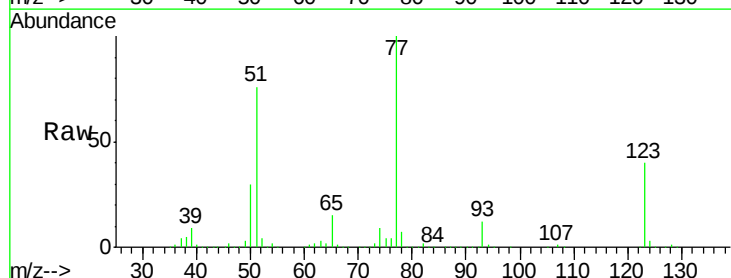
Tgt Ion: 77 Resp: 532975

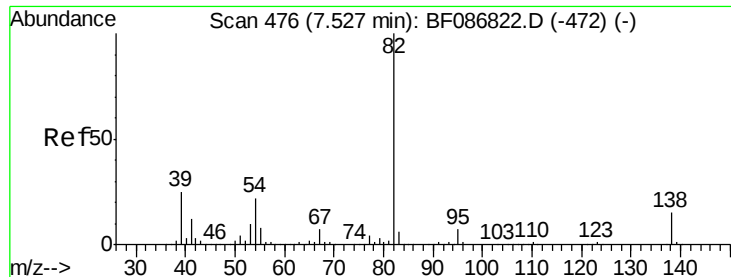
Ion Ratio Lower Upper

77 100

123 39.9 33.0 49.4

65 15.4 10.8 16.2





#25

Isophorone

Concen: 37.49 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

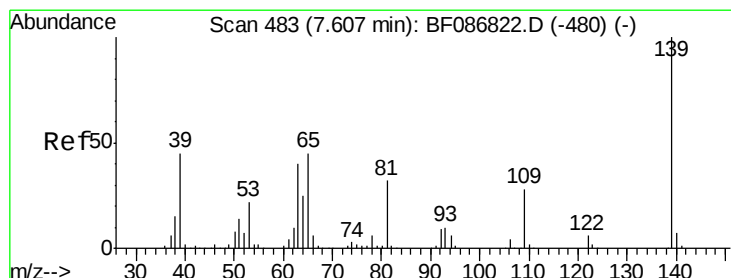
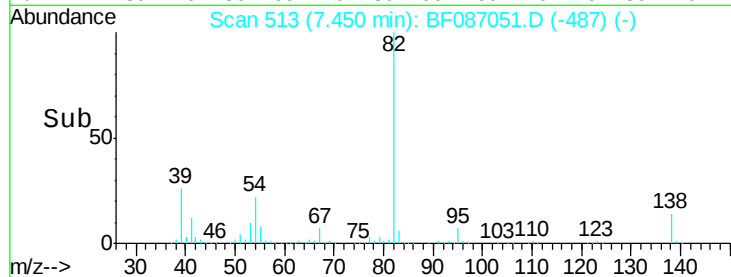
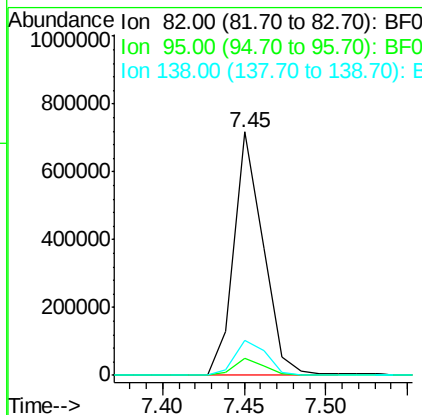
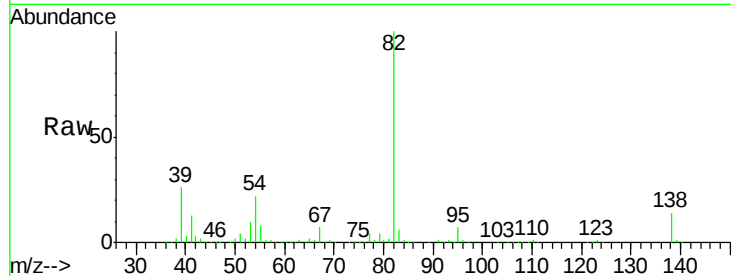
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 82   | Resp: | 886525 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 7.1  | 5.1   | 7.7    |
| 138       | 14.3 | 12.4  | 18.6   |

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#26

2-Nitrophenol

Concen: 41.56 ng

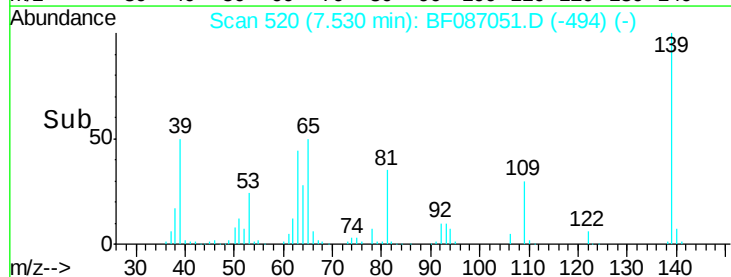
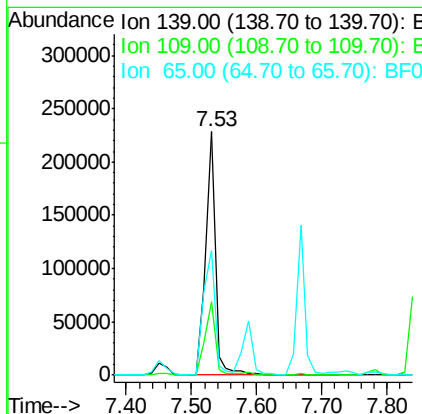
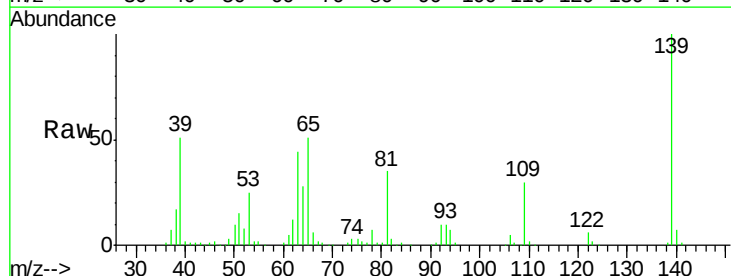
RT: 7.53 min Scan# 520

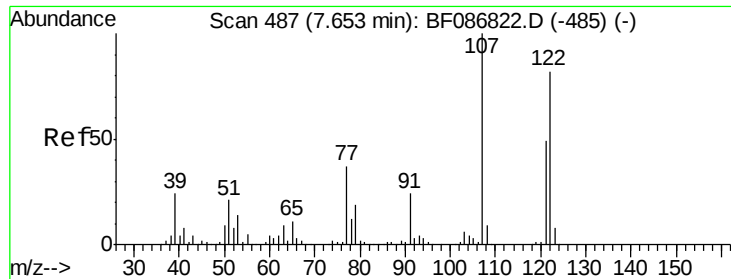
Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 239539 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 30.2 | 19.5  | 29.3#  |
| 65        | 51.0 | 37.5  | 56.3   |





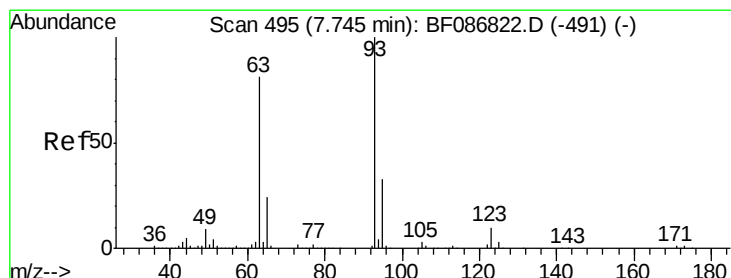
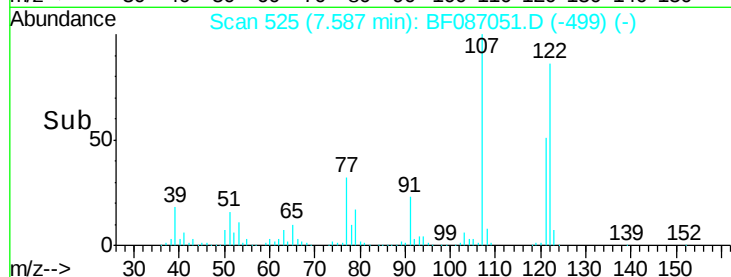
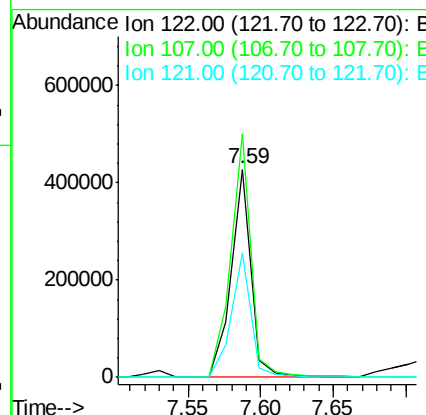
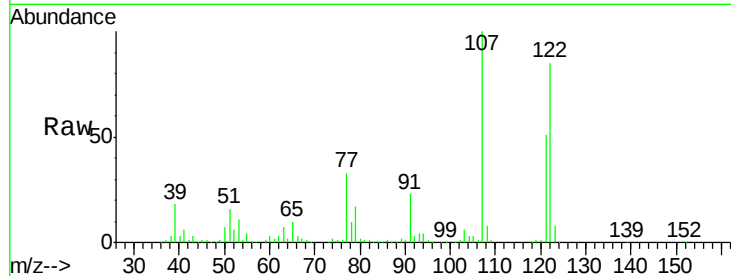
#27  
 2,4-Dimethylphenol  
 Concen: 41.43 ng  
 RT: 7.59 min Scan# 525  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 406755 |       |       |
| 107     | 117.0 | 82.0   | 123.0 |       |
| 121     | 59.8  | 46.1   | 69.1  |       |

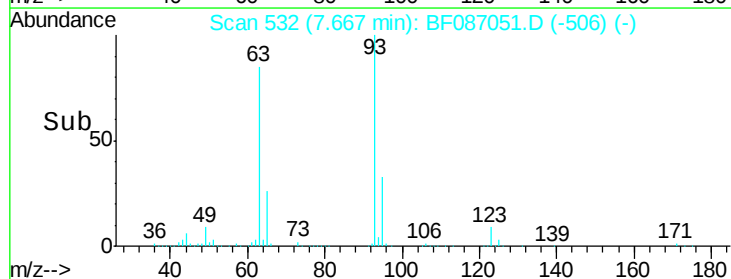
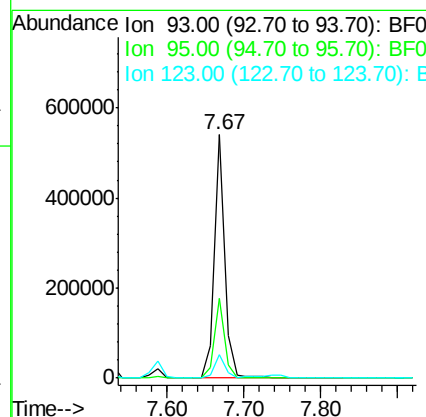
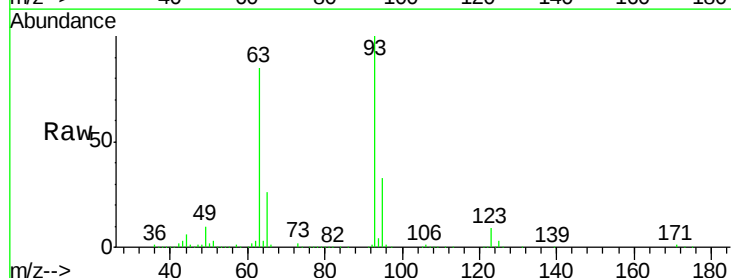
Manual Integrations  
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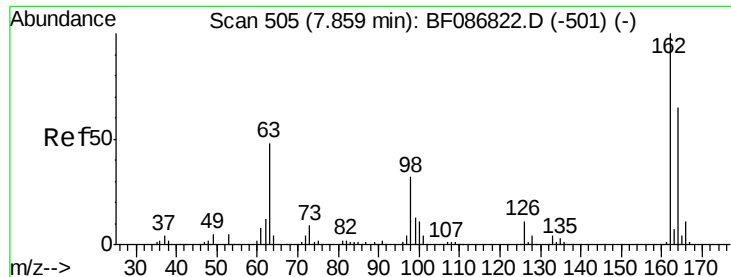
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.32 ng  
 RT: 7.67 min Scan# 532  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 501542 |       |       |
| 95      | 32.9  | 26.0   | 39.0  |       |
| 123     | 9.4   | 9.5    | 14.3  |       |





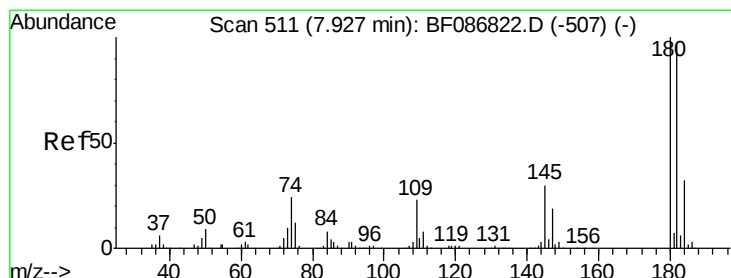
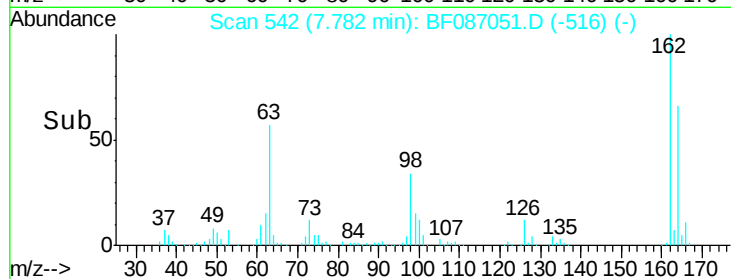
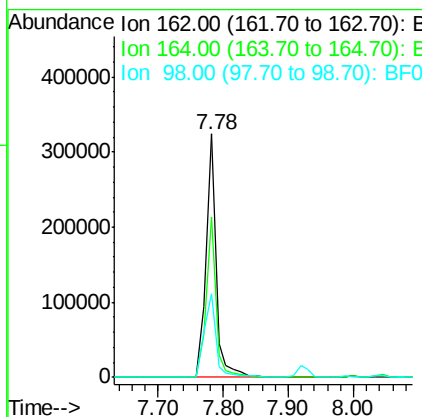
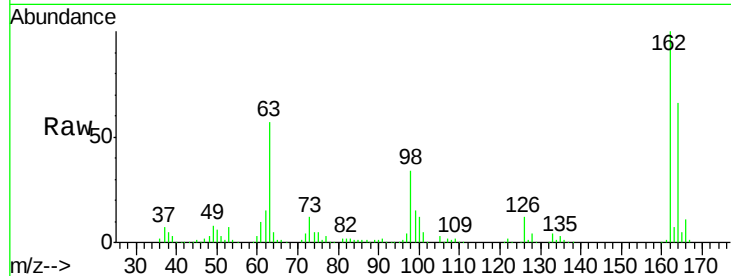
#29  
 2,4-Dichlorophenol  
 Concen: 40.11 ng  
 RT: 7.78 min Scan# 542  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 346573 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 66.1  | 42.2  | 82.2   |
| 98        | 34.4  | 19.0  | 59.0   |

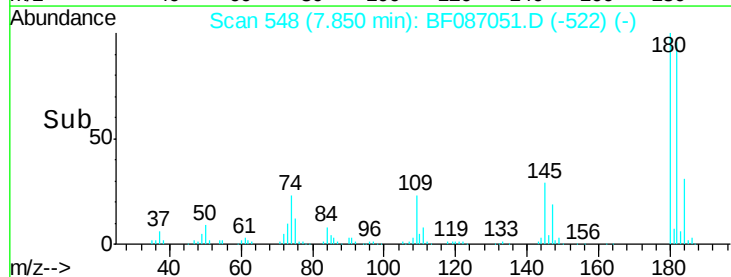
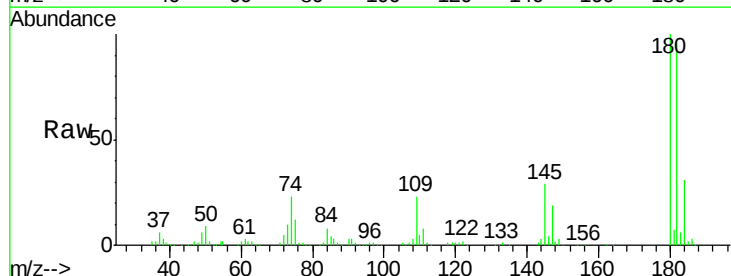
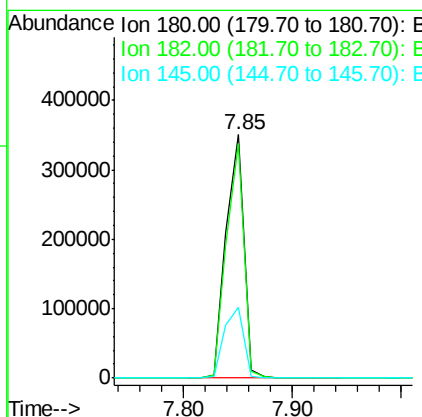
Manual Integrations  
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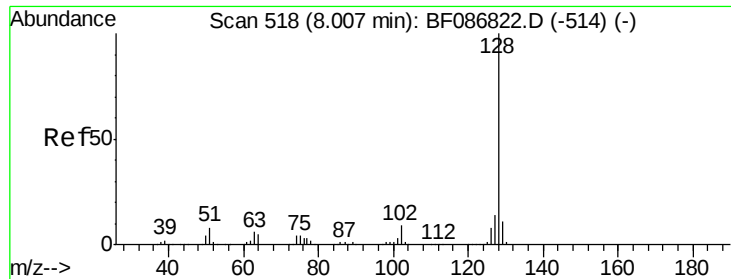
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.20 ng  
 RT: 7.85 min Scan# 548  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 398103 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.2  | 78.0  | 117.0  |
| 145       | 29.1  | 24.2  | 36.2   |





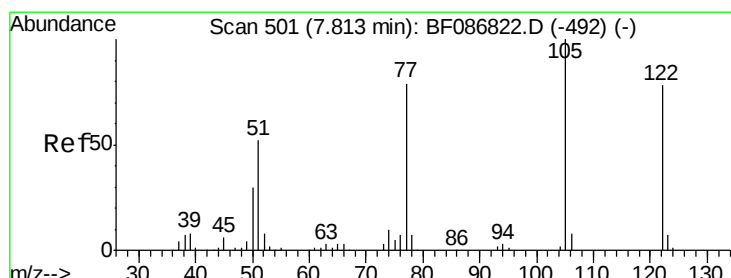
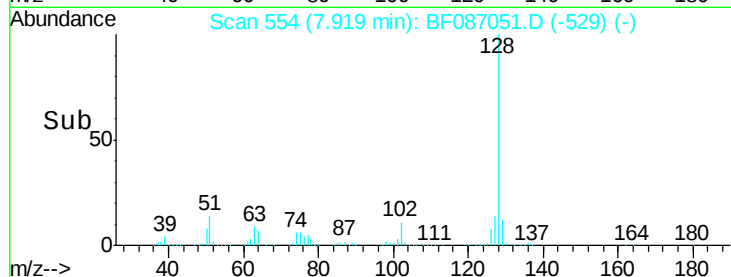
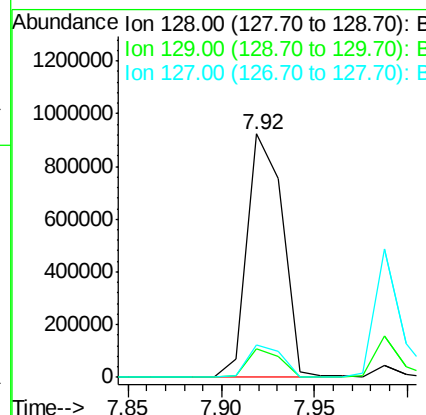
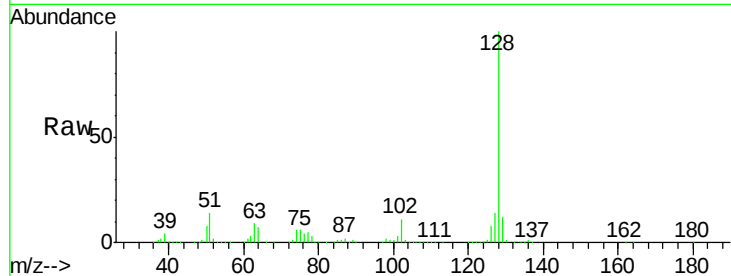
#31  
Naphthalene  
Concen: 38.01 ng  
RT: 7.92 min Scan# 554  
Delta R.T. -0.01 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:128 Resp: 1218547  
Ion Ratio Lower Upper  
128 100  
129 11.6 8.6 13.0  
127 13.5 10.8 16.2

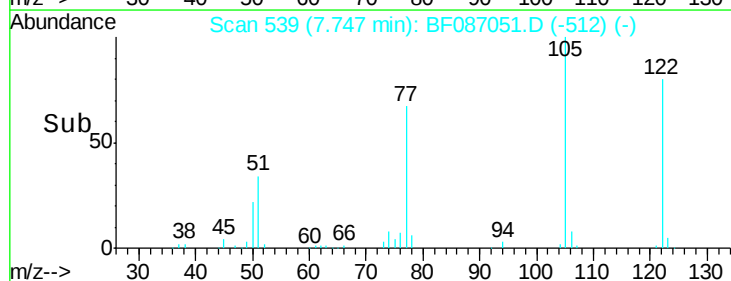
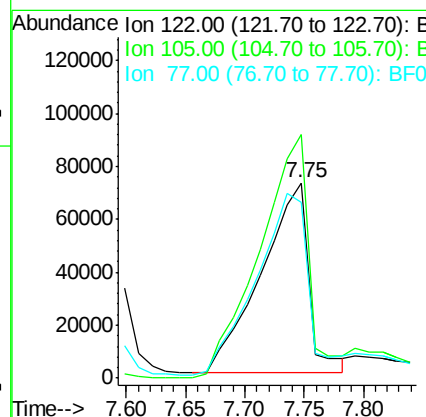
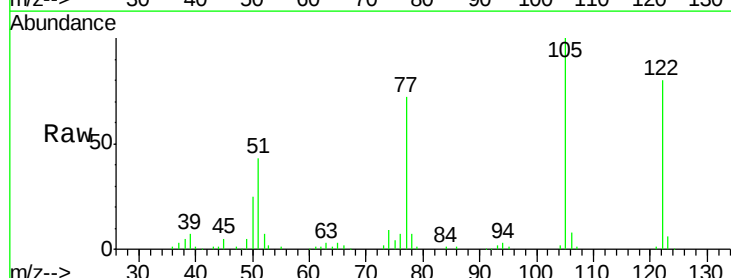
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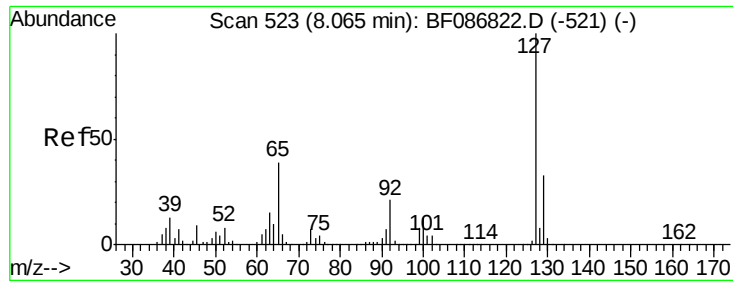
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#32  
Benzoic acid  
Concen: 34.41 ng  
RT: 7.75 min Scan# 539  
Delta R.T. 0.01 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

Tgt Ion:122 Resp: 198440  
Ion Ratio Lower Upper  
122 100  
105 124.9 92.6 132.6  
77 90.3 60.0 100.0





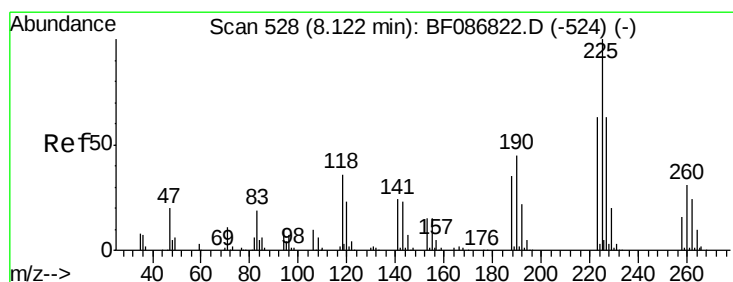
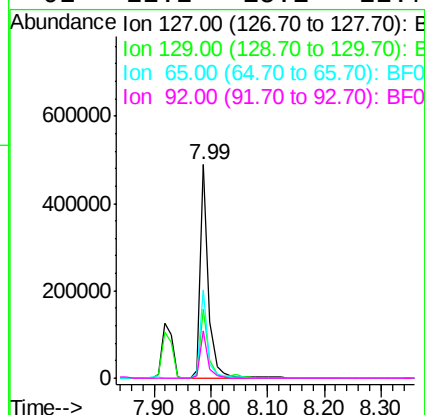
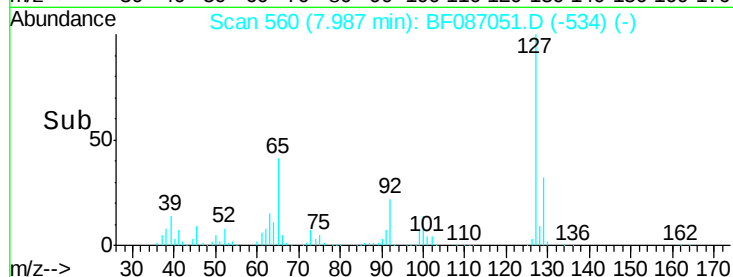
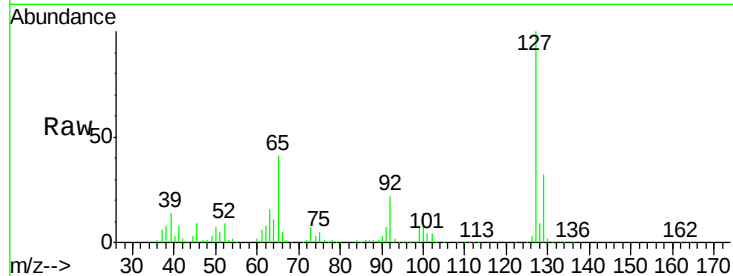
#33  
4-Chloroaniline  
Concen: 38.78 ng  
RT: 7.99 min Scan# 560  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 127     | 100   |            |       |
| 129     | 32.2  | 26.2       | 39.4  |
| 65      | 41.2  | 23.0       | 34.4  |
| 92      | 22.2  | 15.1       | 22.7  |

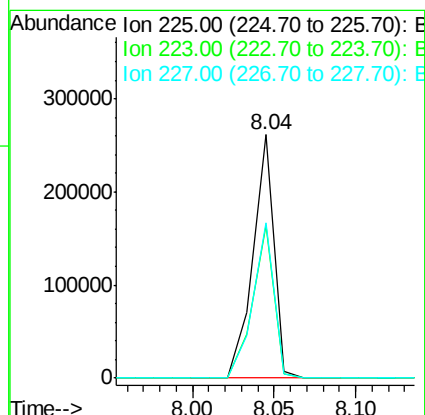
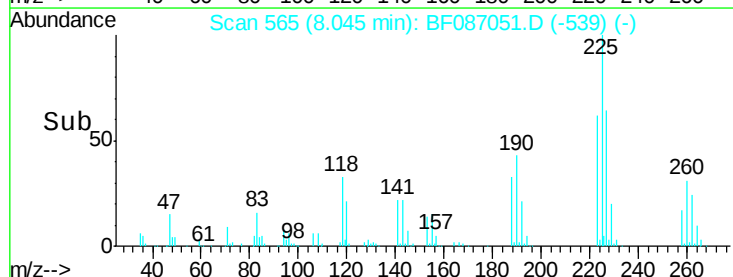
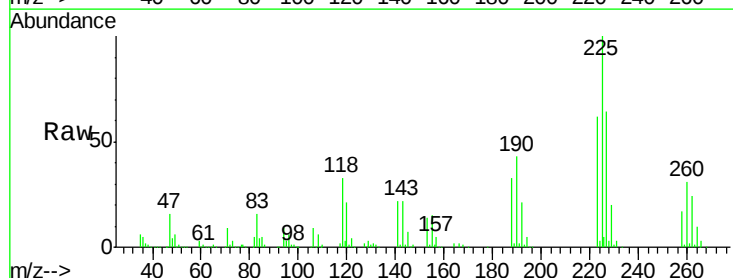
Manual Integrations  
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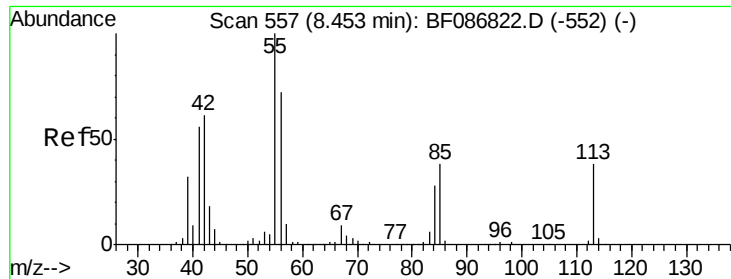
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#34  
Hexachlorobutadiene  
Concen: 41.76 ng  
RT: 8.04 min Scan# 565  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 225     | 100   |            |       |
| 223     | 62.5  | 51.5       | 77.3  |
| 227     | 63.7  | 52.2       | 78.2  |





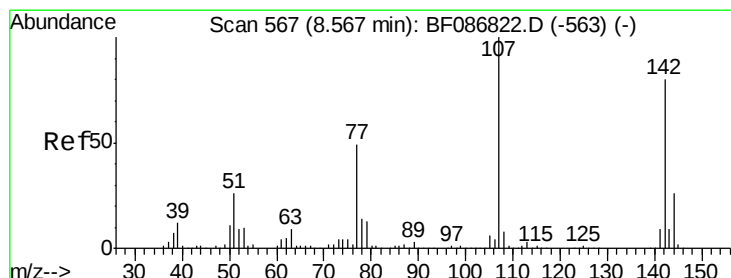
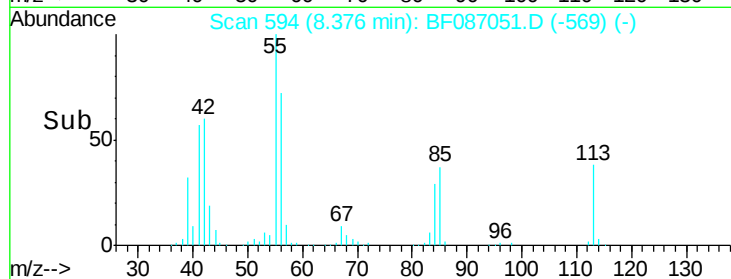
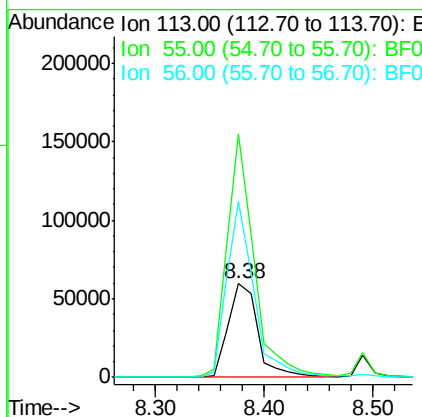
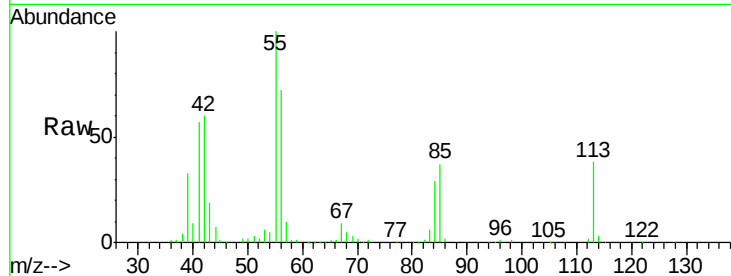
#35  
 Caprolactam  
 Concen: 38.19 ng  
 RT: 8.38 min Scan# 594  
 Delta R.T. -0.01 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:113 Resp: 112270  
 Ion Ratio Lower Upper  
 113 100  
 55 259.8 162.0 202.0#  
 56 187.6 115.3 155.3#

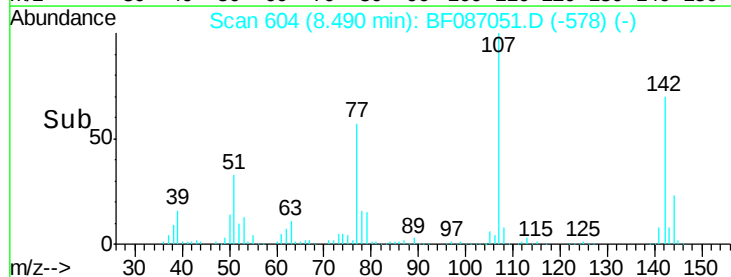
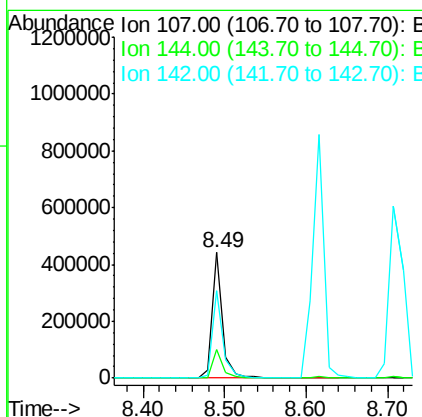
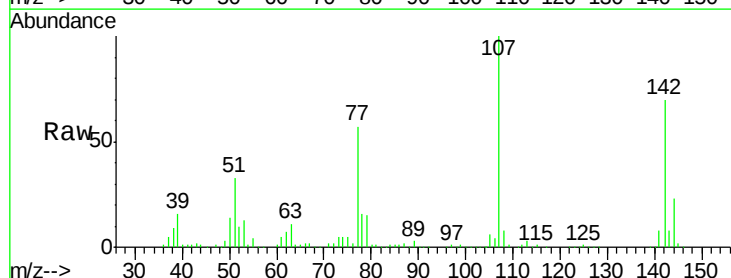
Manual Integrations  
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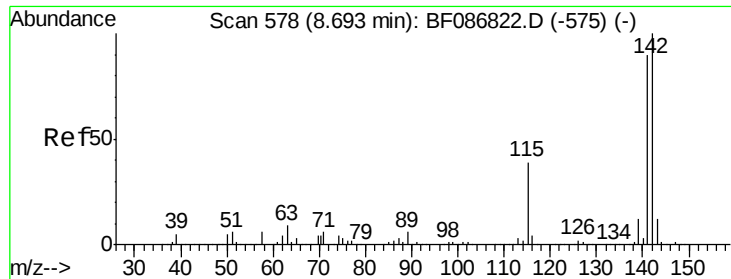
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#36  
 4-Chloro-3-methylphenol  
 Concen: 38.26 ng  
 RT: 8.49 min Scan# 604  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Tgt Ion:107 Resp: 400960  
 Ion Ratio Lower Upper  
 107 100  
 144 22.8 20.7 31.1  
 142 69.8 63.2 94.8





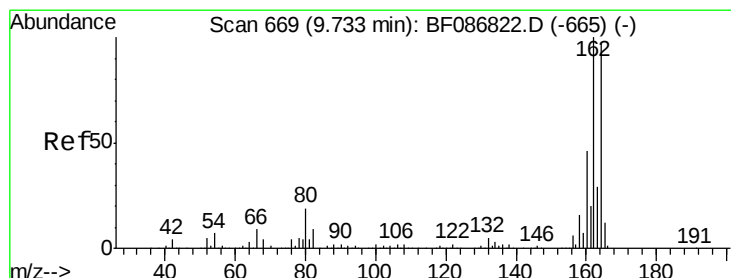
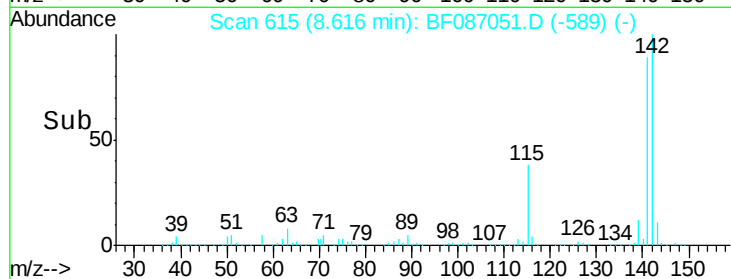
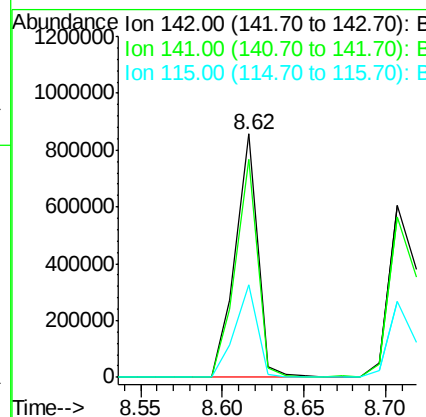
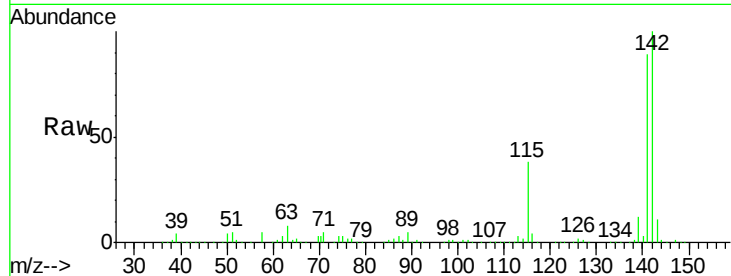
#37  
 2-Methylnaphthalene  
 Concen: 43.18 ng  
 RT: 8.62 min Scan# 615  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 809291 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 89.3  | 71.0  | 106.6  |
| 115       | 38.3  | 26.6  | 39.8   |

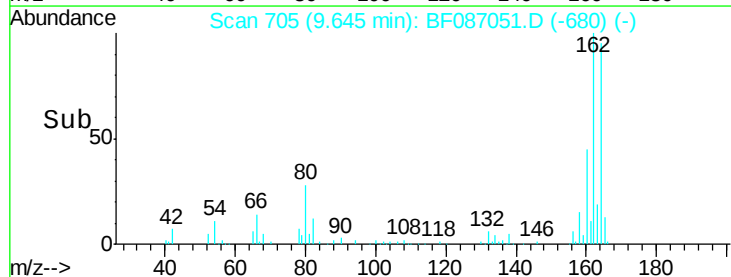
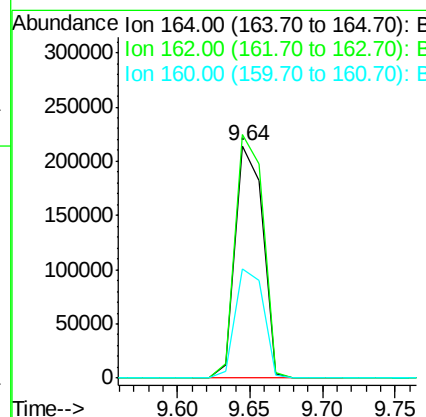
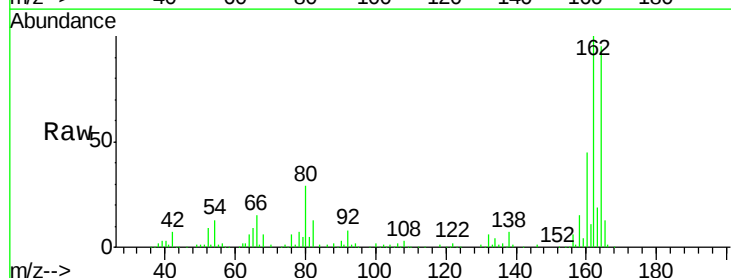
Manual Integrations  
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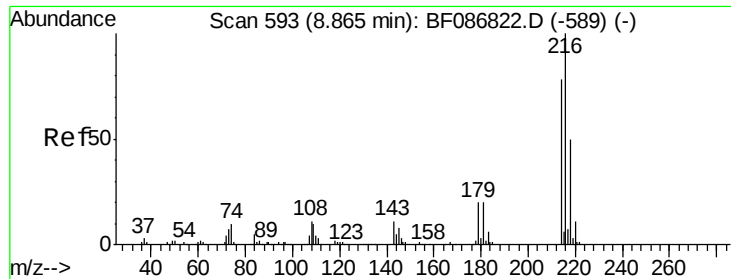
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#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.64 min Scan# 705  
 Delta R.T. -0.01 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 283992 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 104.7 | 82.8  | 124.2  |
| 160       | 46.8  | 36.9  | 55.3   |





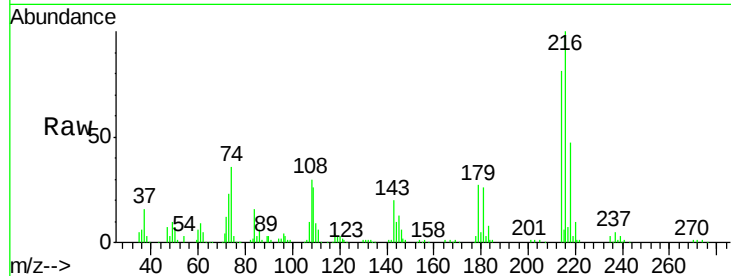
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.50 ng  
 RT: 8.78 min Scan# 629  
 Delta R.T. -0.01 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

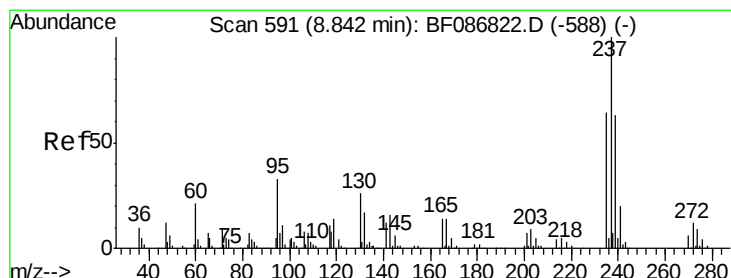
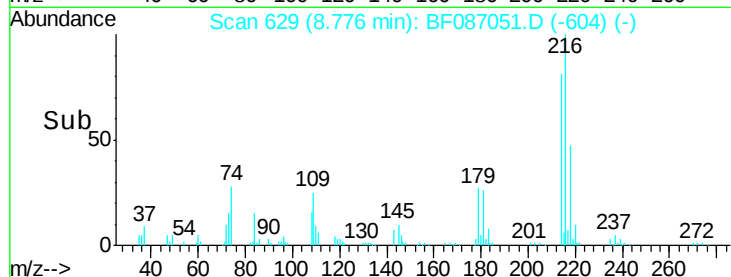
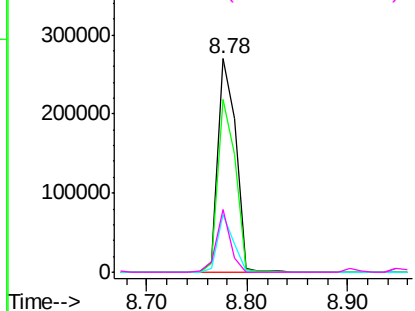
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 334434 |       |       |
| 214     | 79.2  | 62.6   | 93.8  |       |
| 179     | 23.6  | 18.2   | 27.4  |       |
| 108     | 23.6  | 17.5   | 26.3  |       |

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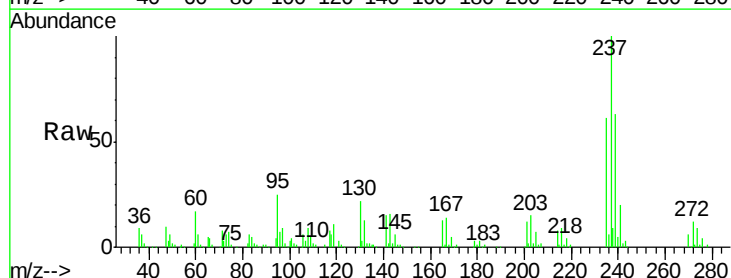


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

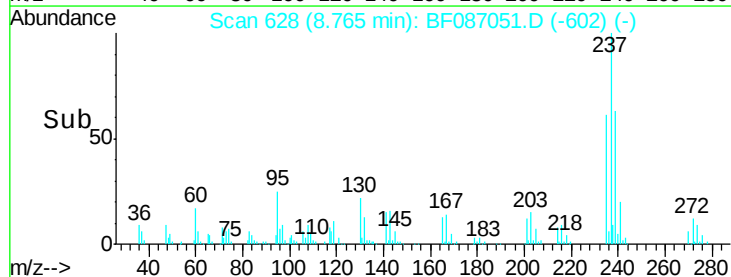
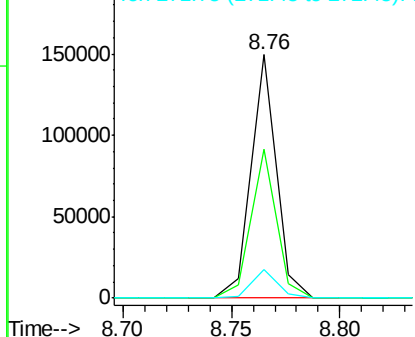


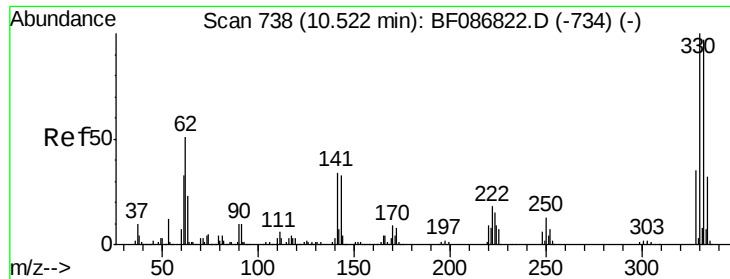
#40  
 Hexachlorocyclopentadiene  
 Concen: 30.88 ng  
 RT: 8.76 min Scan# 628  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 121026 |       |       |
| 235     | 61.1  | 47.2   | 87.2  |       |
| 272     | 11.9  | 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





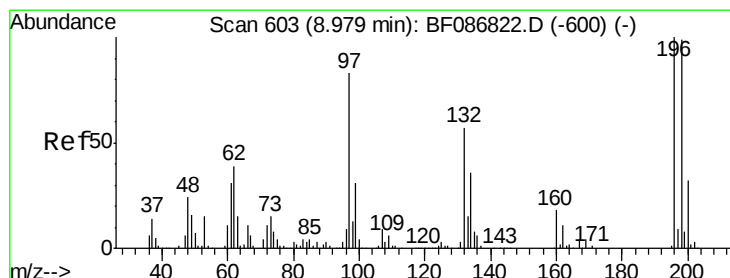
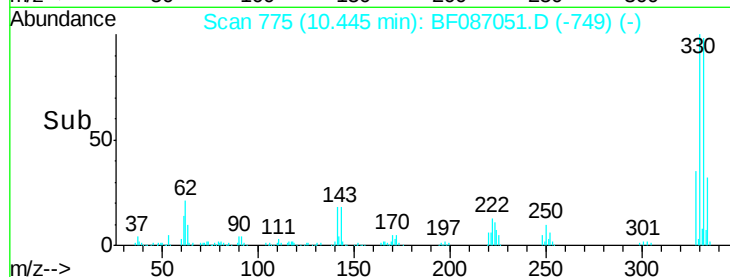
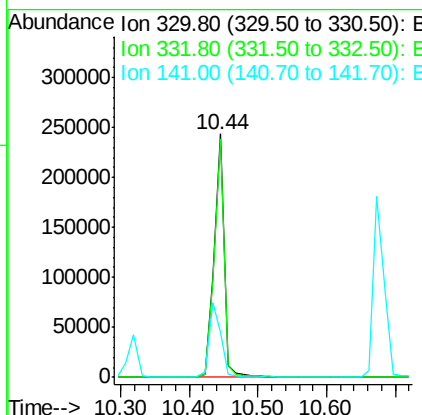
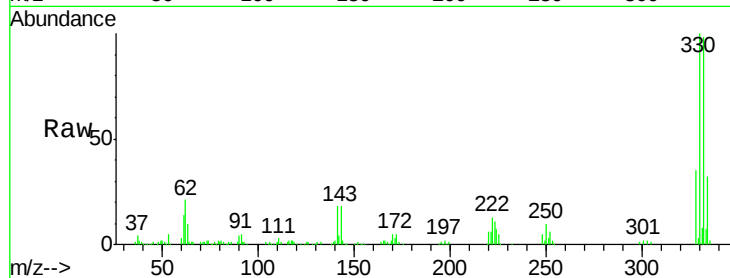
#41  
 2,4,6-Tribromophenol  
 Concen: 84.91 ng  
 RT: 10.44 min Scan# 775  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 255274 |       |       |
| 332     | 97.4  | 79.0   | 118.4 |       |
| 141     | 34.8  | 31.2   | 46.8  |       |

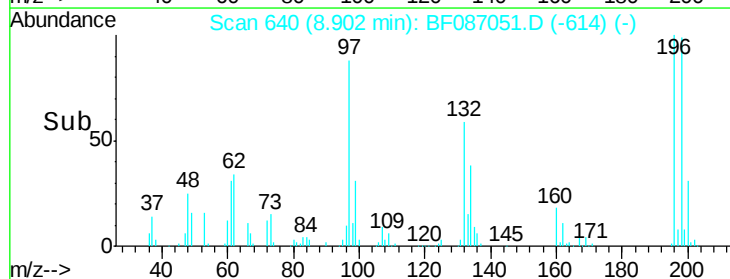
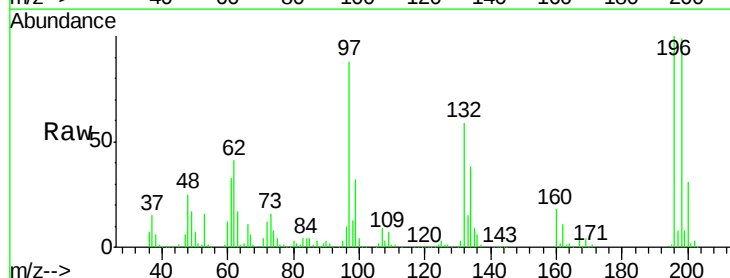
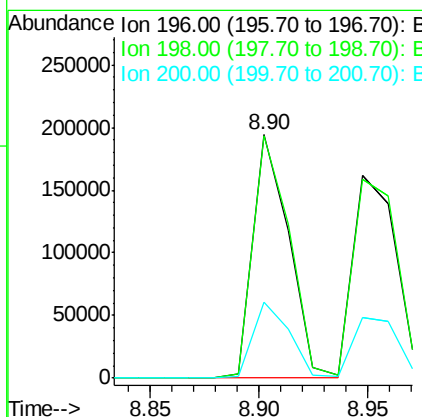
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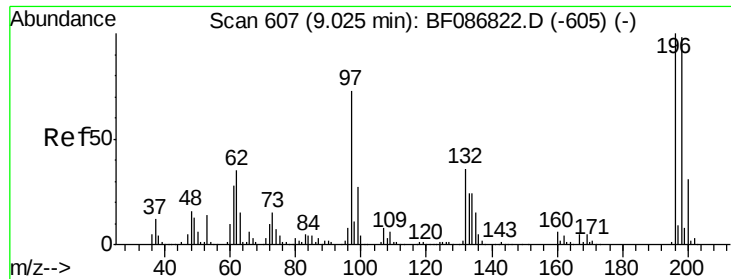
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#42  
 2,4,6-Trichlorophenol  
 Concen: 40.63 ng  
 RT: 8.90 min Scan# 640  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 224317 |       |       |
| 198     | 99.5  | 74.7   | 112.1 |       |
| 200     | 31.1  | 23.8   | 35.6  |       |





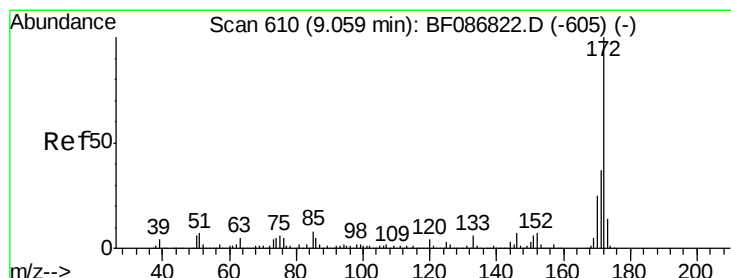
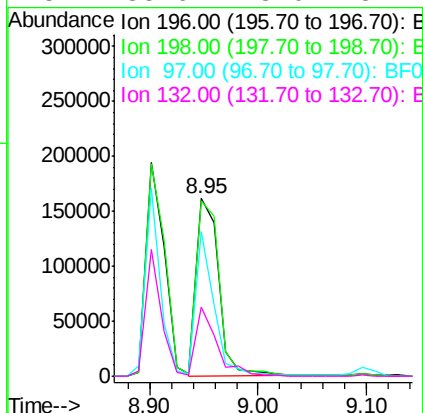
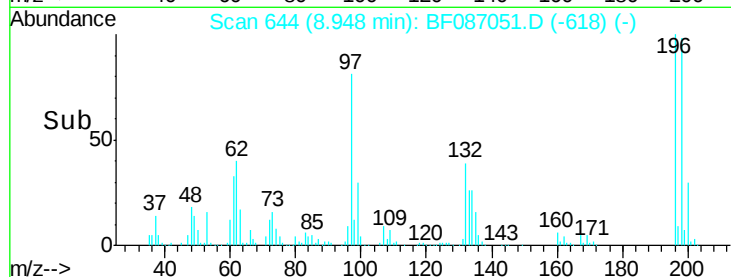
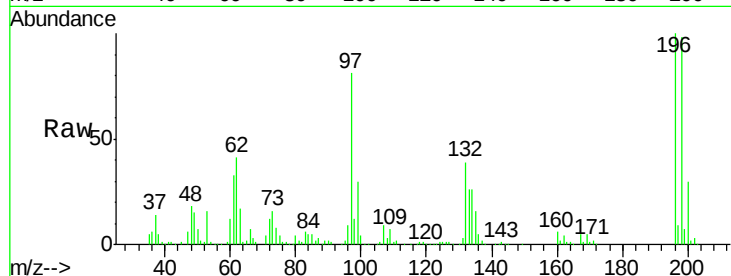
#43  
 2,4,5-Trichlorophenol  
 Concen: 41.03 ng  
 RT: 8.95 min Scan# 644  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 234306 |       |       |
| 198     | 98.3  | 77.5   | 116.3 |       |
| 97      | 81.2  | 34.8   | 52.2  |       |
| 132     | 38.6  | 23.0   | 34.4  |       |

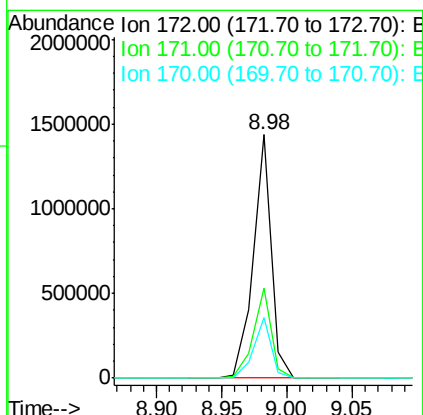
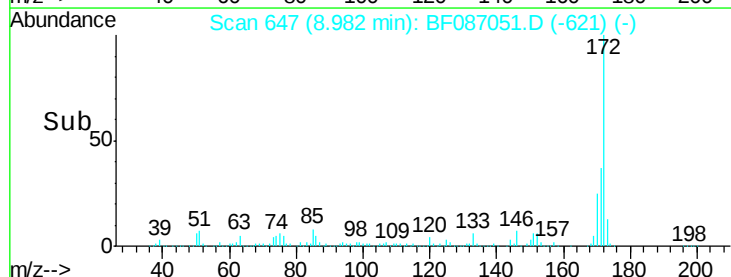
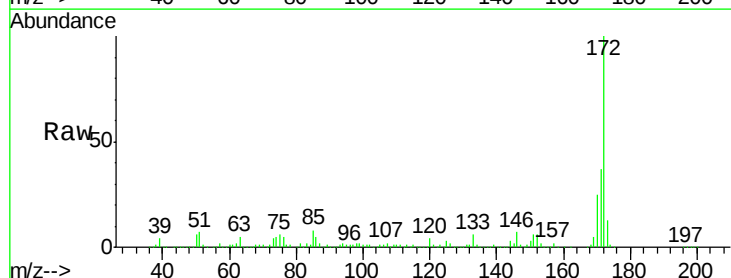
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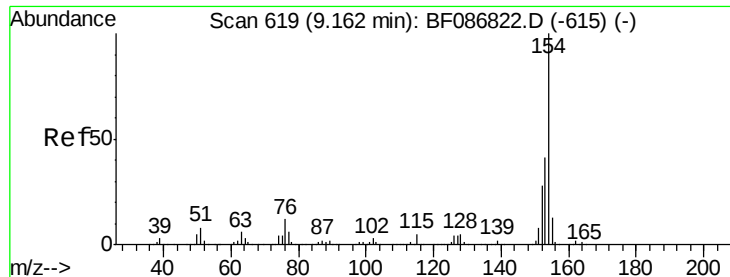
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#44  
 2-Fluorobiphenyl  
 Concen: 82.17 ng  
 RT: 8.98 min Scan# 647  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1388484 |       |       |
| 171     | 36.8  | 29.0    | 43.6  |       |
| 170     | 24.9  | 19.8    | 29.8  |       |





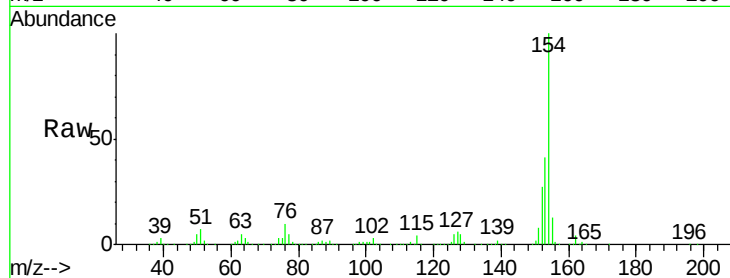
#45  
 1,1'-Biphenyl  
 Concen: 45.10 ng  
 RT: 9.08 min Scan# 656  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

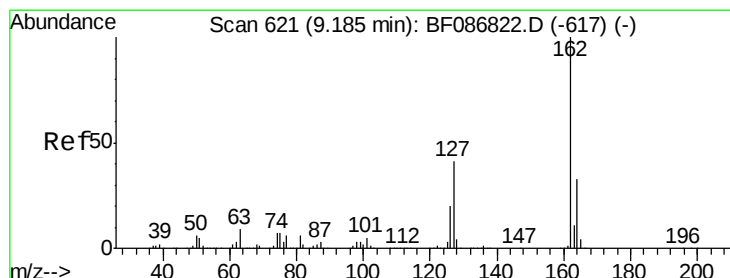
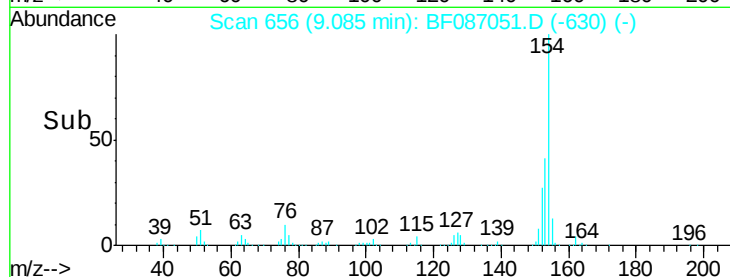
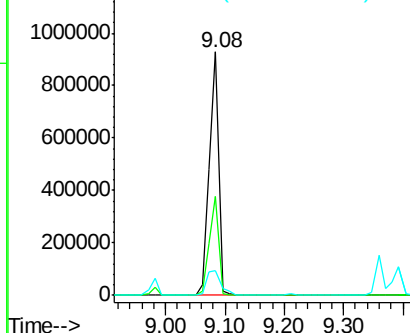
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.6  | 20.3  | 60.3  |
| 76      | 10.2  | 0.0   | 30.2  |

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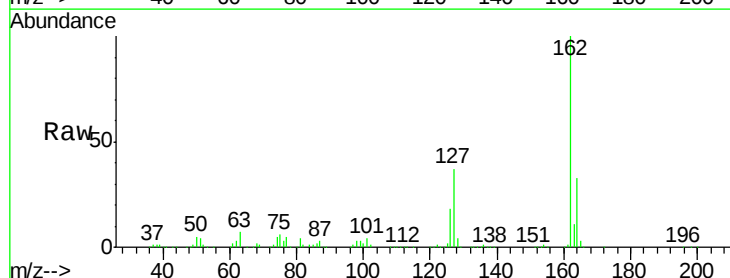


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

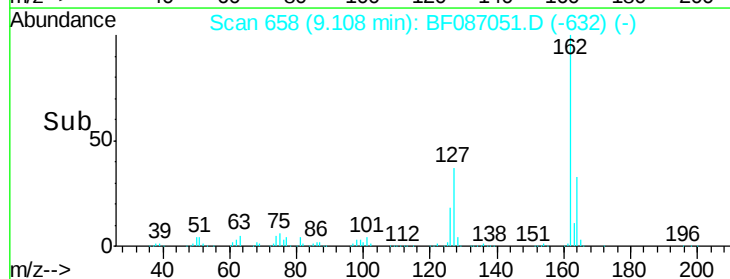
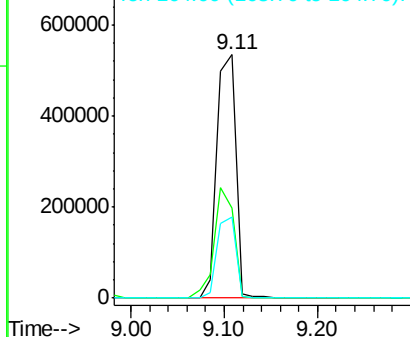


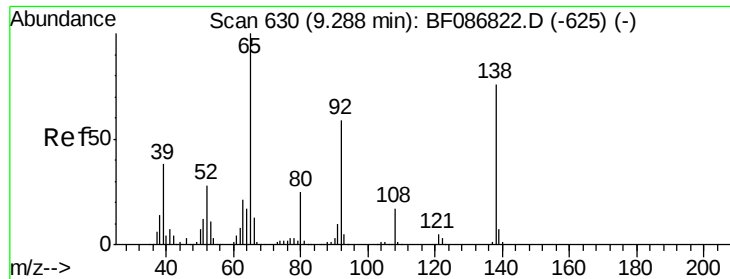
#46  
 2-Chloronaphthalene  
 Concen: 42.49 ng  
 RT: 9.11 min Scan# 658  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.1  | 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





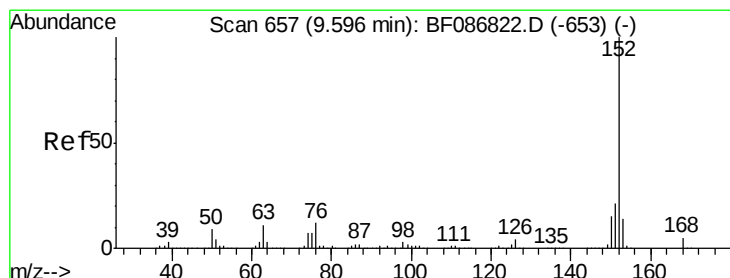
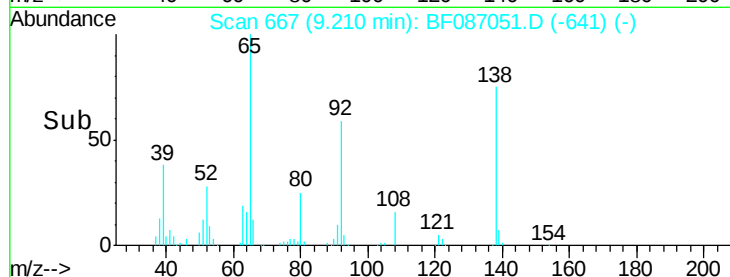
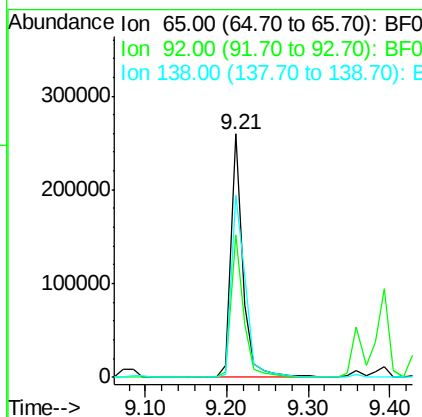
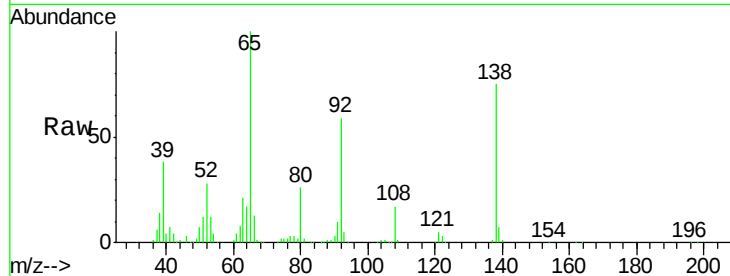
#47  
 2-Nitroaniline  
 Concen: 40.90 ng  
 RT: 9.21 min Scan# 667  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 65      | 100   | 264566 |        |       |
| 92      | 58.5  | 57.4   | 86.2   |       |
| 138     | 74.9  | 90.1   | 135.1# |       |

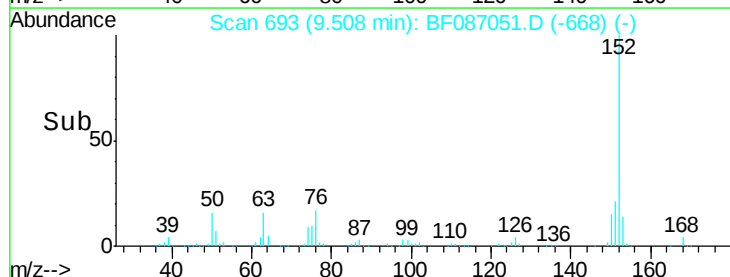
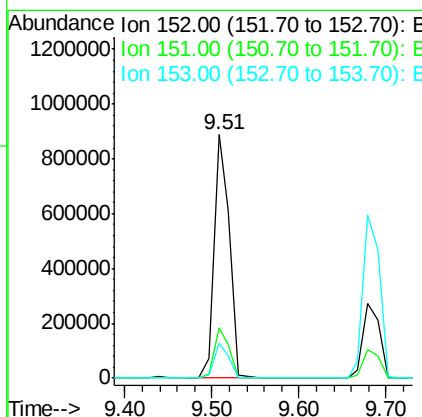
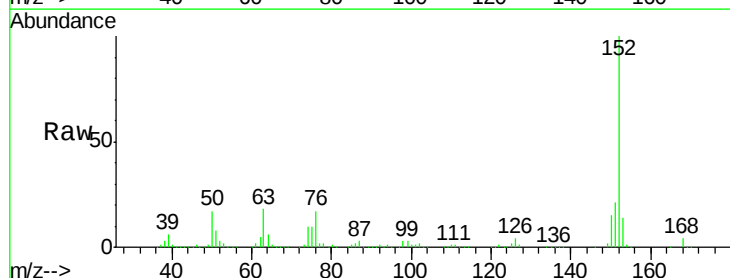
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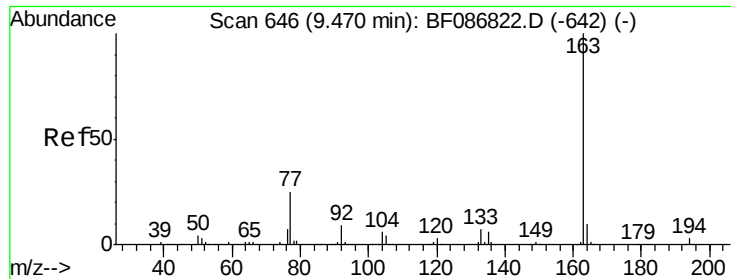
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#48  
 Acenaphthylene  
 Concen: 42.12 ng  
 RT: 9.51 min Scan# 693  
 Delta R.T. -0.01 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 152     | 100   | 1096334 |       |       |
| 151     | 20.6  | 16.8    | 25.2  |       |
| 153     | 14.3  | 10.9    | 16.3  |       |





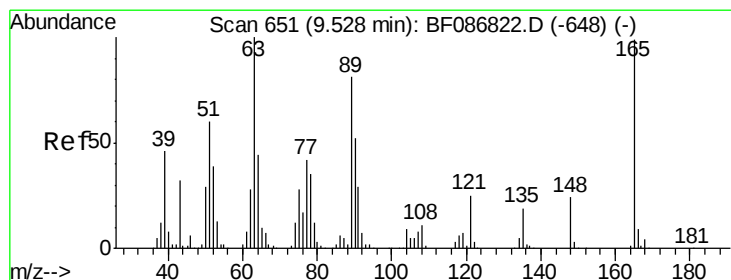
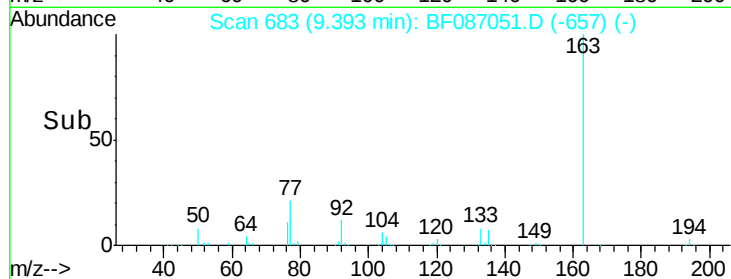
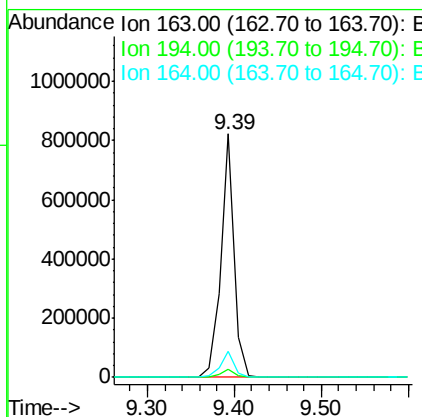
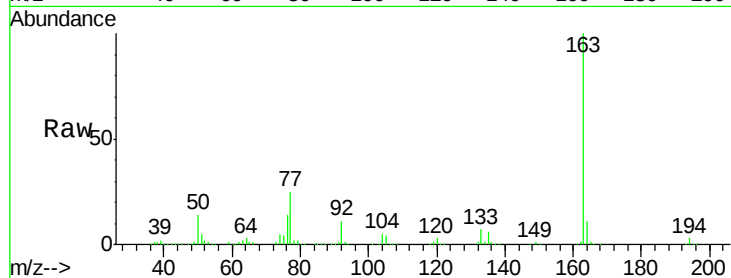
#49  
Dimethylphthalate  
Concen: 40.58 ng  
RT: 9.39 min Scan# 683  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 879287 |       |       |
| 194     | 3.2   | 2.6    | 4.0   |       |
| 164     | 10.5  | 8.2    | 12.4  |       |

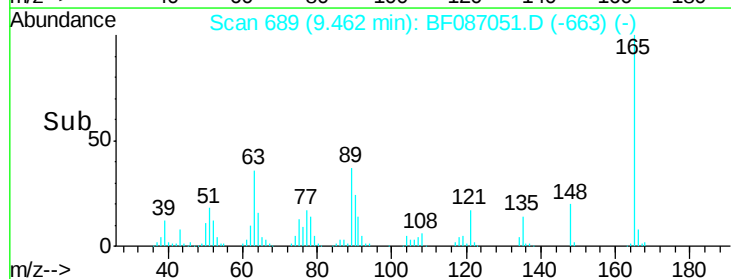
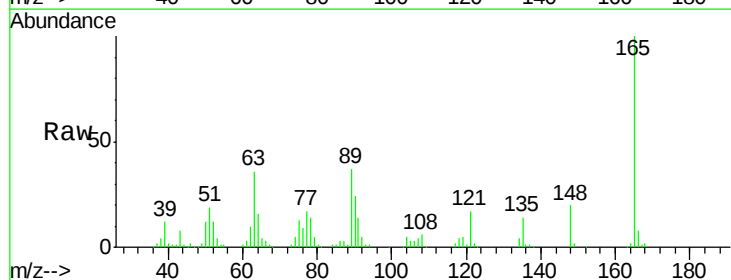
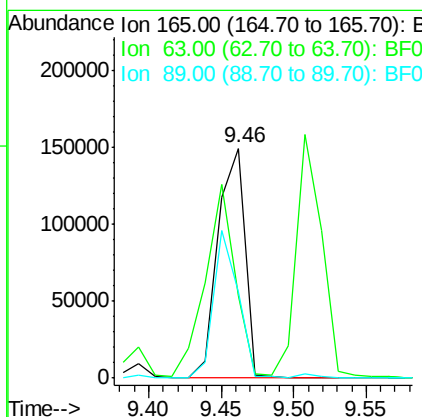
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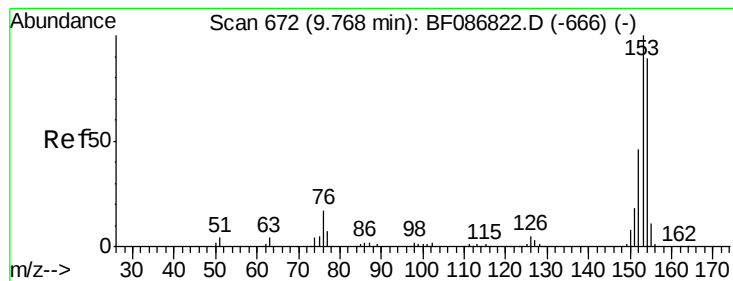
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#50  
2,6-Dinitrotoluene  
Concen: 42.37 ng  
RT: 9.46 min Scan# 689  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 193215 |       |       |
| 63      | 36.0  | 51.8   | 77.8# |       |
| 89      | 37.3  | 50.7   | 76.1# |       |





#51

Acenaphthene

Concen: 42.34 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF087051.D

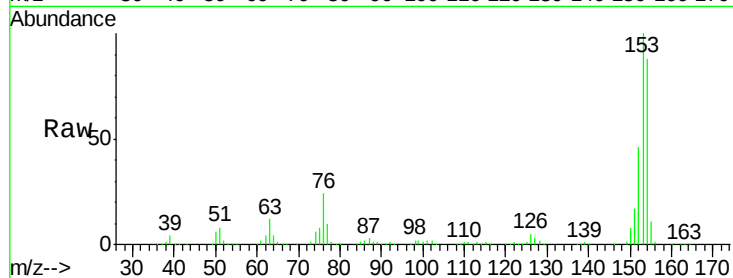
Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

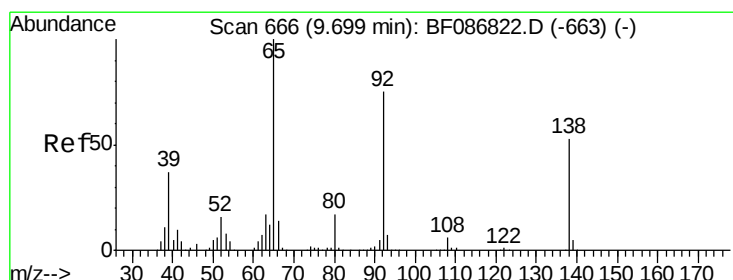
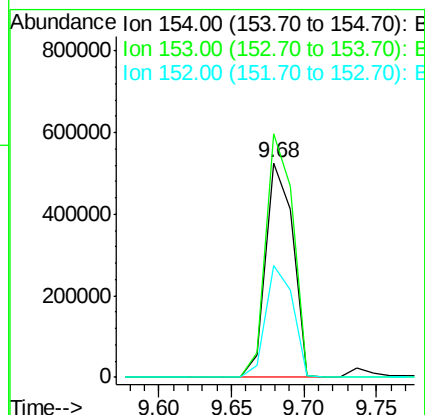
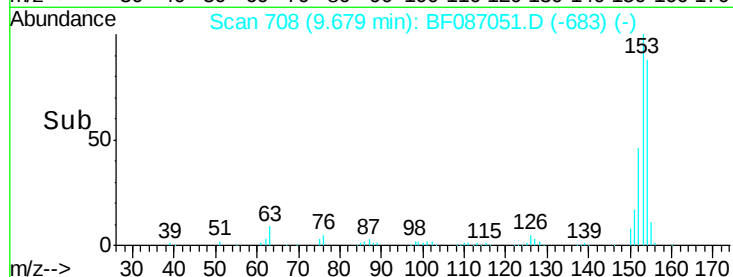
SSTDCCC040



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 685681 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.4 | 89.8  | 134.6  |
| 152       | 52.1  | 43.4  | 65.0   |

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#52

3-Nitroaniline

Concen: 40.69 ng

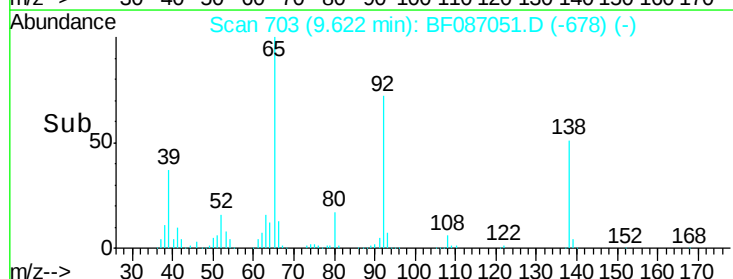
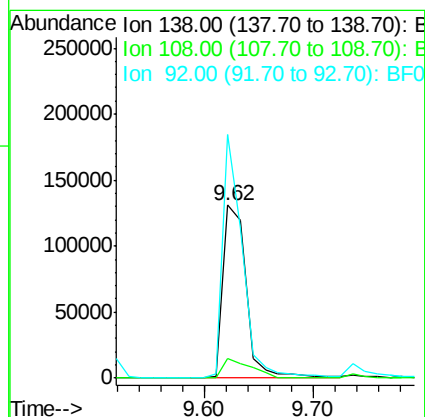
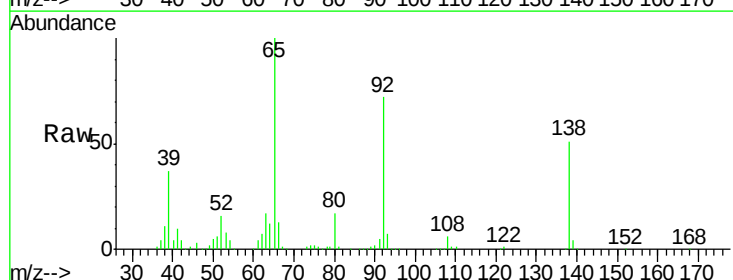
RT: 9.62 min Scan# 703

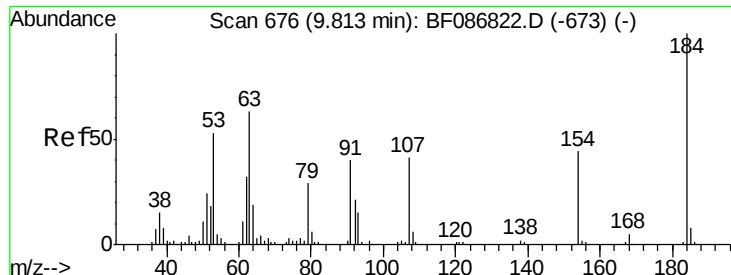
Delta R.T. -0.01 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 195307 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 11.2  | 7.8   | 11.6   |
| 92        | 141.0 | 87.8  | 131.8# |





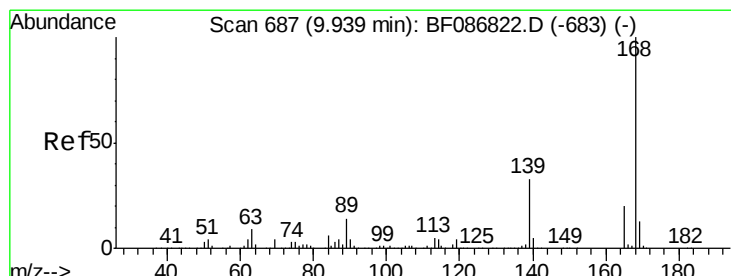
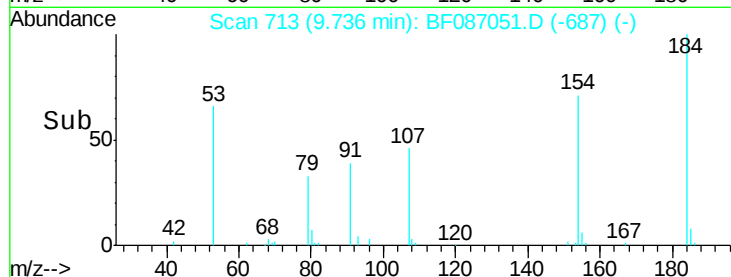
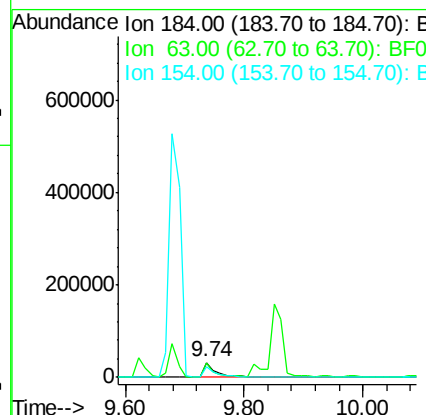
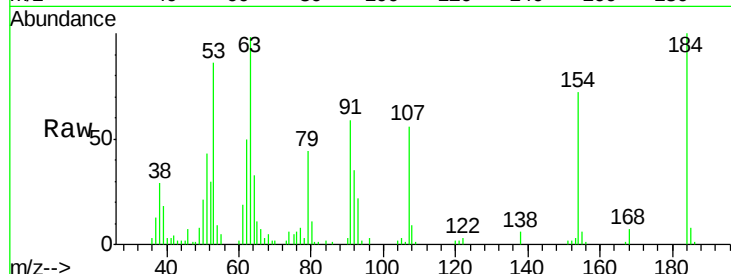
#53  
 2,4-Dinitrophenol  
 Concen: 28.31 ng  
 RT: 9.74 min Scan# 713  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 53148 |       |       |
| 63      | 98.5  | 55.8  | 83.8# |       |
| 154     | 72.0  | 62.4  | 93.6  |       |

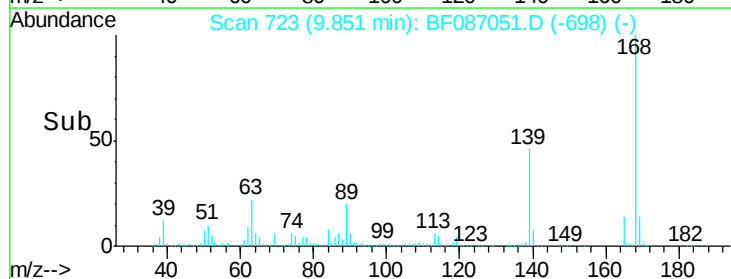
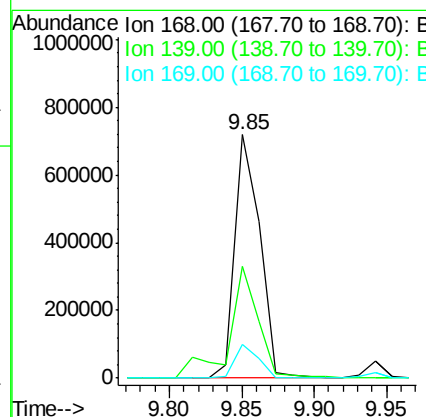
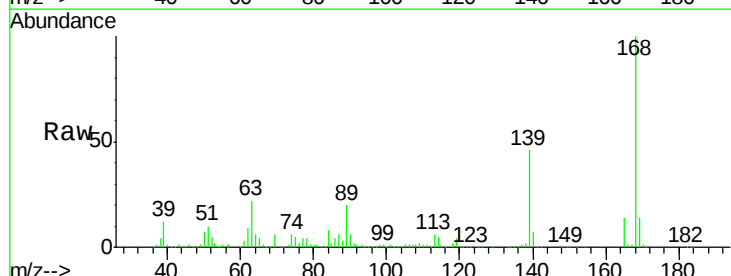
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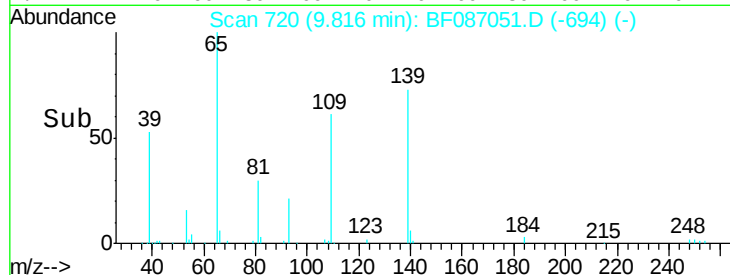
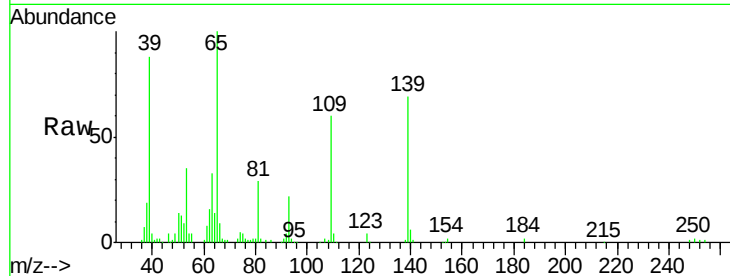
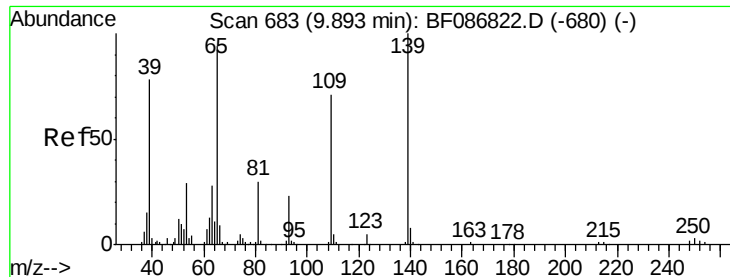
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#54  
 Dibenzofuran  
 Concen: 41.31 ng  
 RT: 9.85 min Scan# 723  
 Delta R.T. -0.01 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 858740 |       |       |
| 139     | 45.8  | 31.4   | 47.0  |       |
| 169     | 14.0  | 10.7   | 16.1  |       |





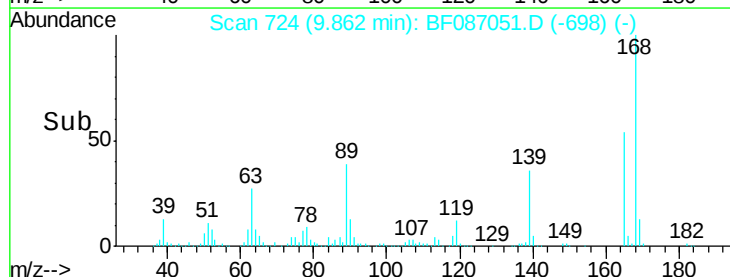
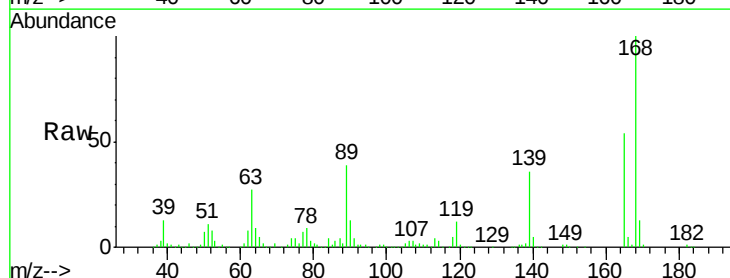
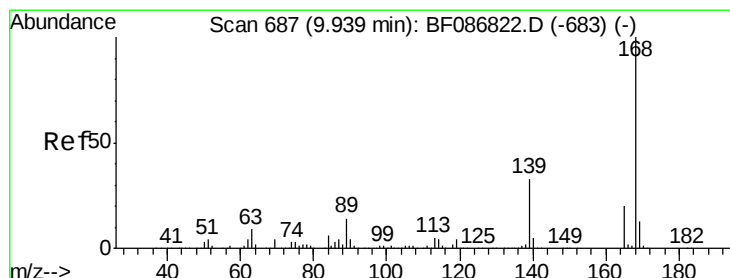
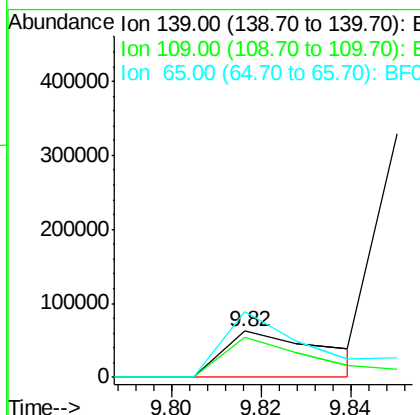
#55  
4-Nitrophenol  
Concen: 34.44 ng m  
RT: 9.82 min Scan# 720  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 139     | 100   | 101413 |        |       |
| 109     | 86.1  | 36.9   | 76.9#  |       |
| 65      | 144.1 | 64.0   | 104.0# |       |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

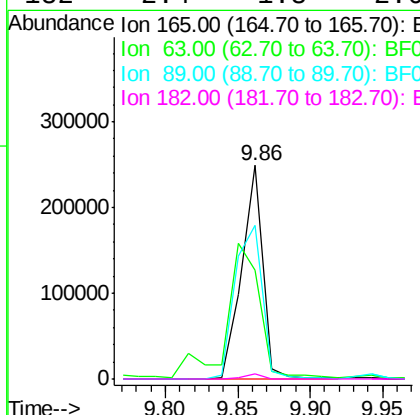
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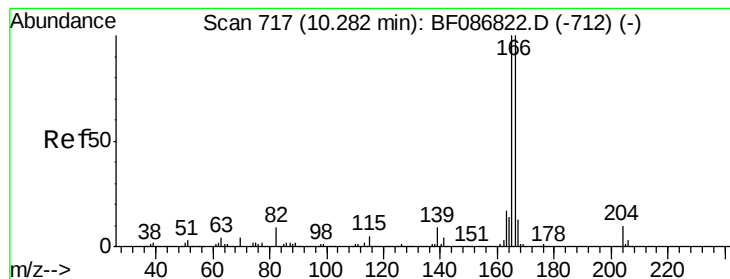
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#56  
2,4-Dinitrotoluene  
Concen: 44.73 ng  
RT: 9.86 min Scan# 724  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 252414 |       |       |
| 63      | 50.8  | 44.3   | 66.5  |       |
| 89      | 71.8  | 70.0   | 105.0 |       |
| 182     | 2.4   | 1.8    | 2.6   |       |





#57

Fluorene

Concen: 38.61 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

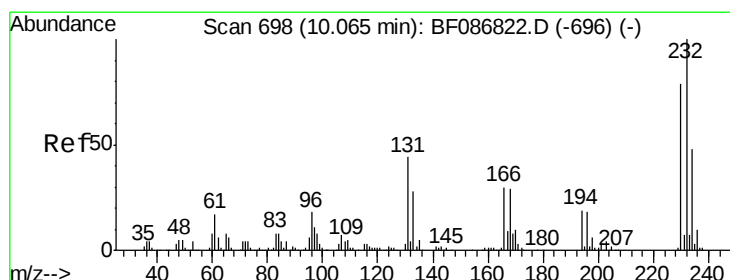
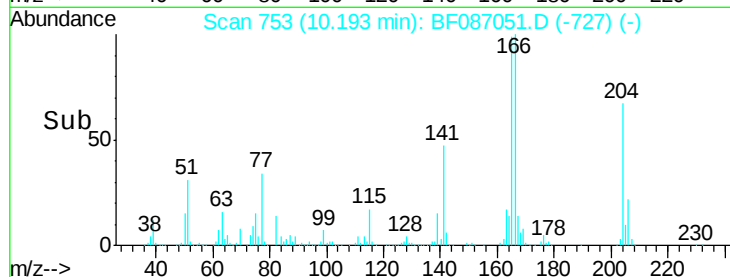
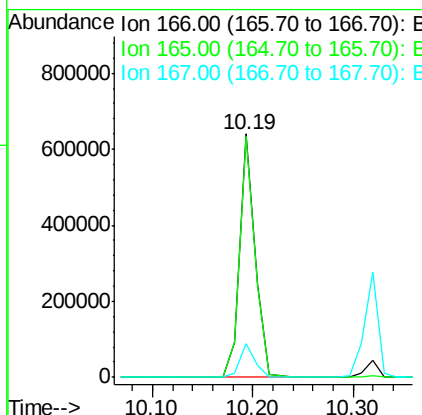
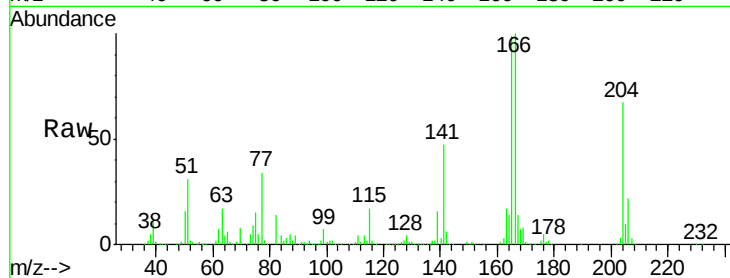
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 684484 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 99.3  | 79.0  | 118.6  |
| 167       | 13.9  | 10.6  | 15.8   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.44 ng

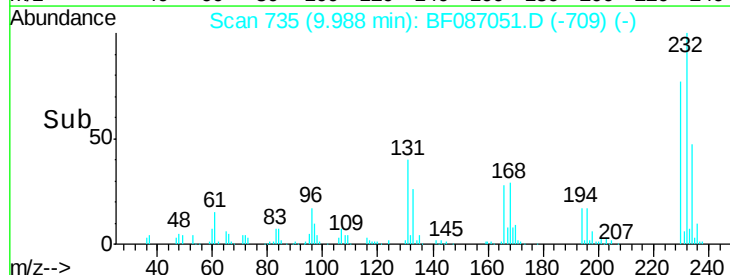
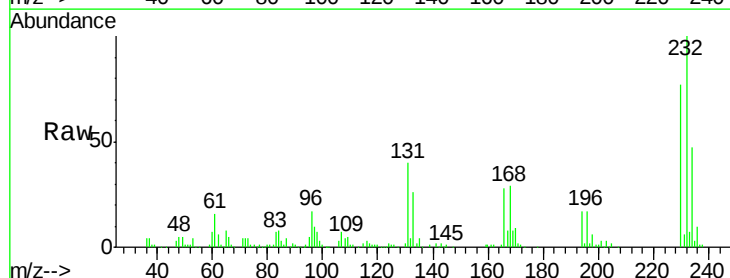
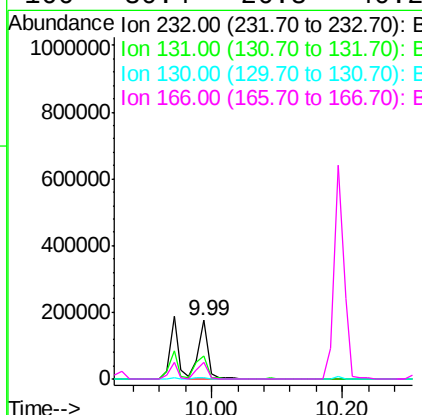
RT: 9.99 min Scan# 735

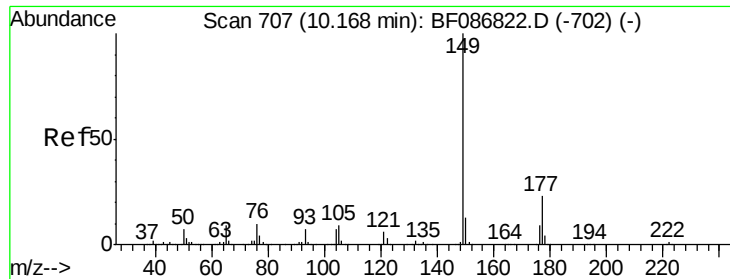
Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 182430 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 49.8  | 41.9  | 62.9   |
| 130       | 2.5   | 2.2   | 3.4    |
| 166       | 30.4  | 26.8  | 40.2   |





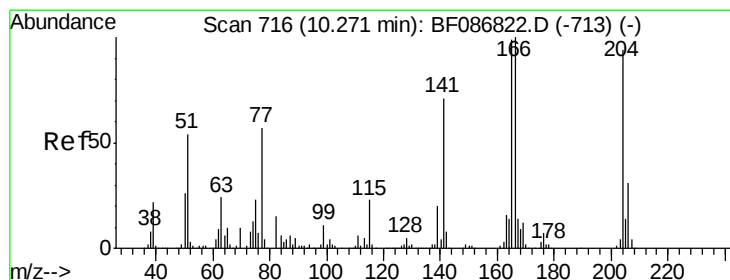
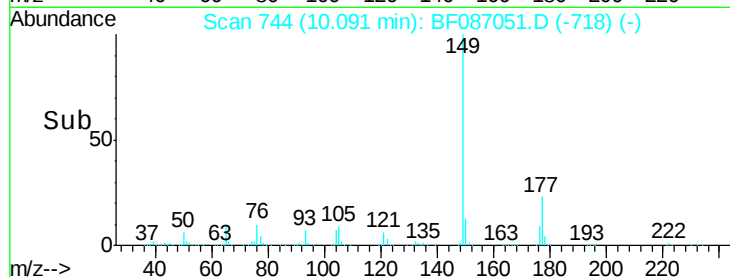
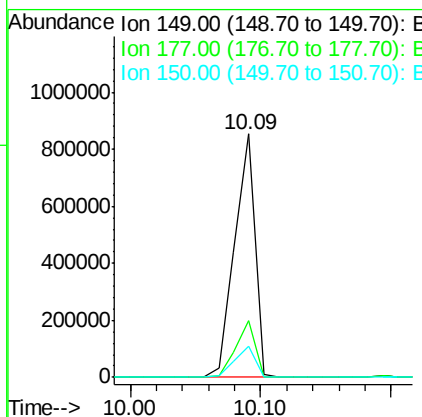
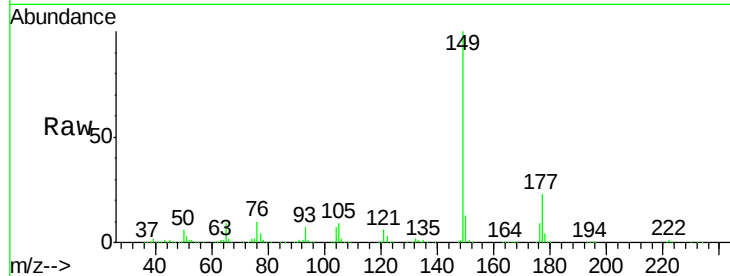
#59  
Diethylphthalate  
Concen: 43.60 ng  
RT: 10.09 min Scan# 744  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 920566 |       |       |
| 177     | 23.4  | 16.6   | 24.8  |       |
| 150     | 12.5  | 10.0   | 15.0  |       |

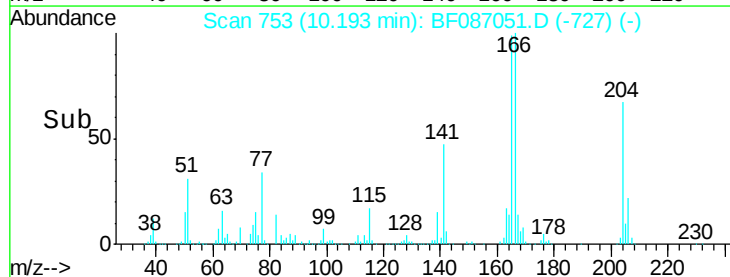
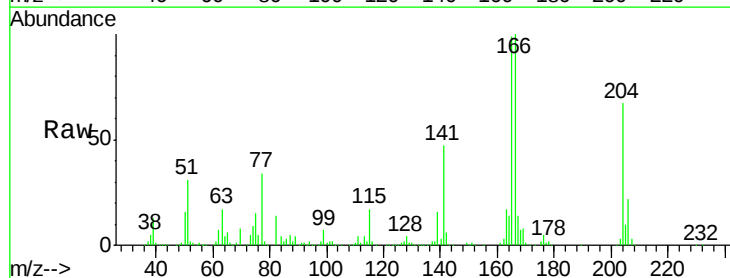
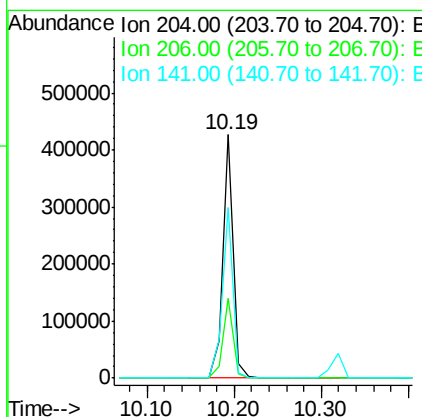
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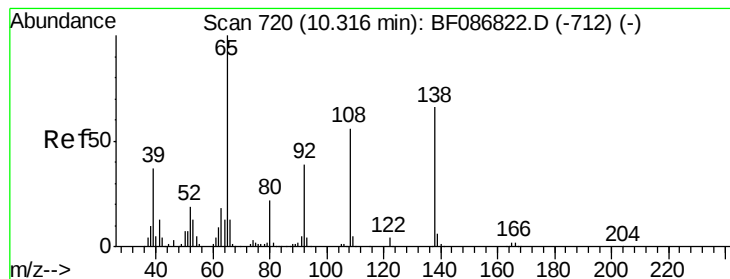
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#60  
4-Chlorophenyl-phenylether  
Concen: 47.50 ng  
RT: 10.19 min Scan# 753  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 361344 |       |       |
| 206     | 33.0  | 25.4   | 38.0  |       |
| 141     | 70.2  | 61.6   | 92.4  |       |





#61

4-Nitroaniline

Concen: 37.49 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF087051.D

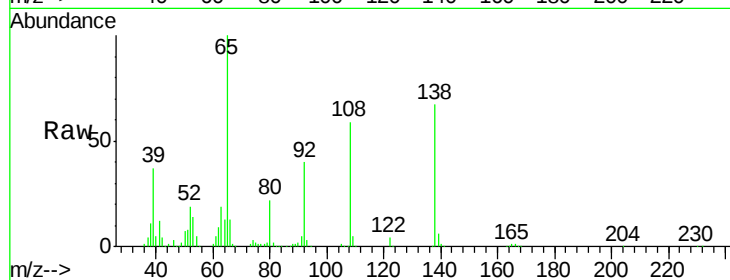
Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 138 Resp: 172840

Ion Ratio Lower Upper

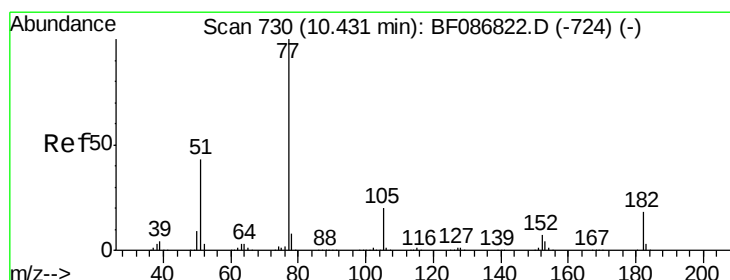
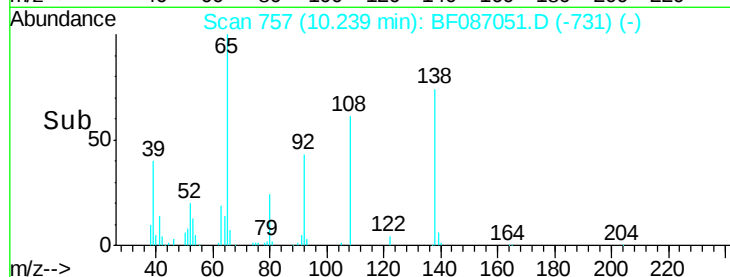
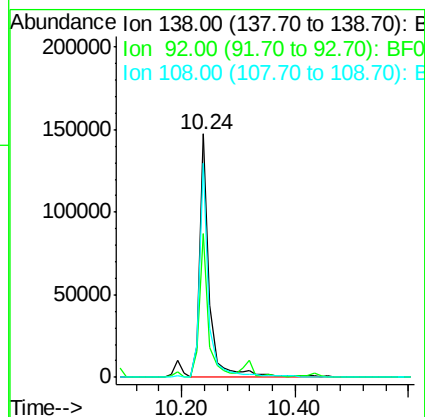
138 100

92 58.9 24.7 64.7

108 87.8 37.4 77.4#

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#62

Azobenzene

Concen: 44.80 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Tgt Ion: 77 Resp: 1020547

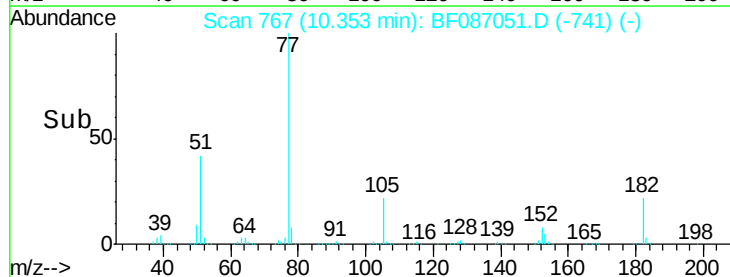
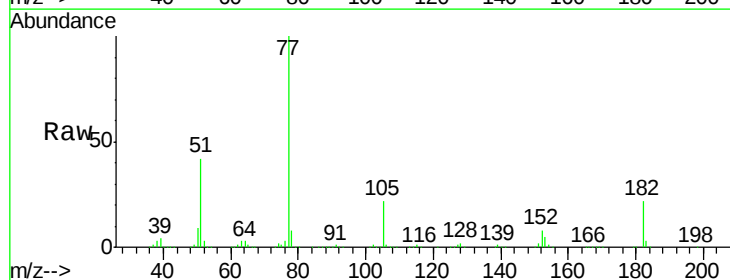
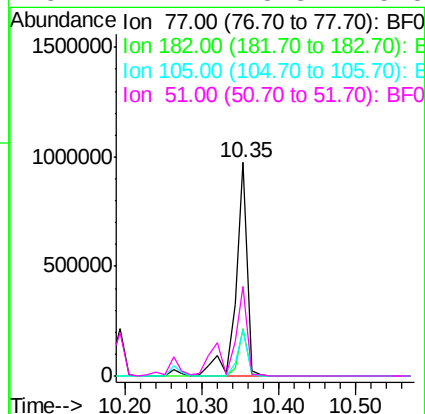
Ion Ratio Lower Upper

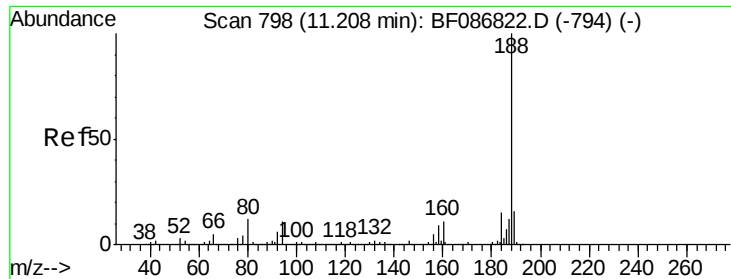
77 100

182 22.3 0.0 38.8

105 21.6 3.2 43.2

51 41.7 8.8 48.8





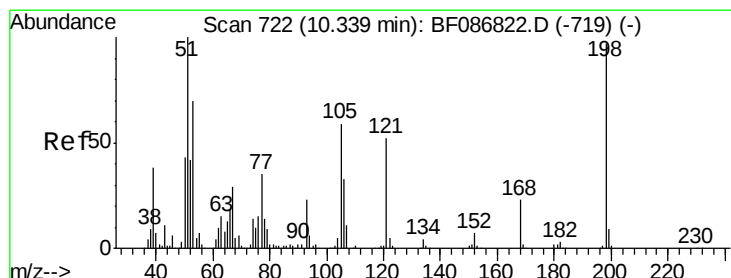
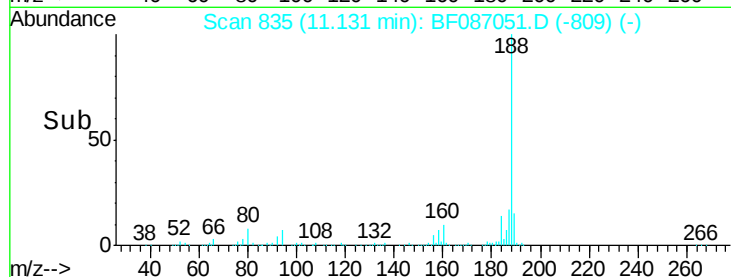
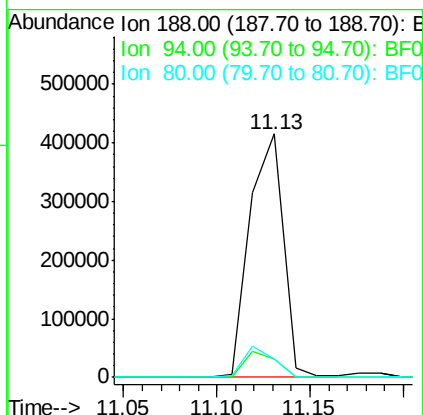
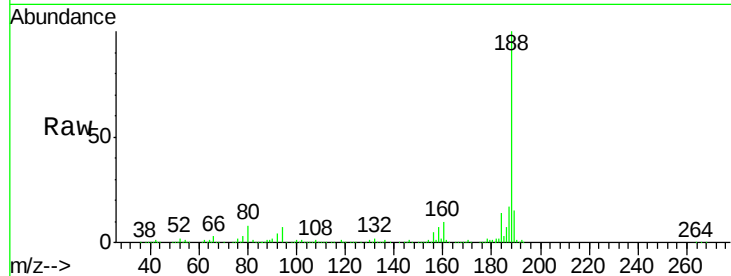
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.13 min Scan# 835  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 7.3   | 6.8        | 10.2       |
| 80      | 7.6   | 7.1        | 10.7       |

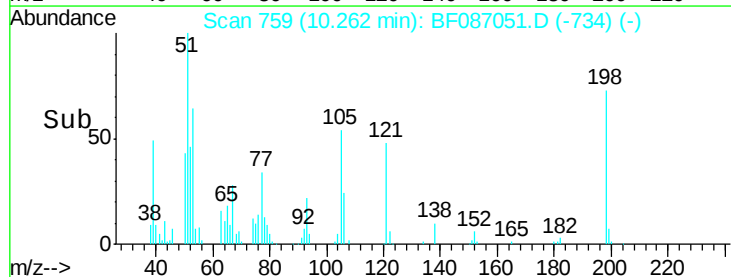
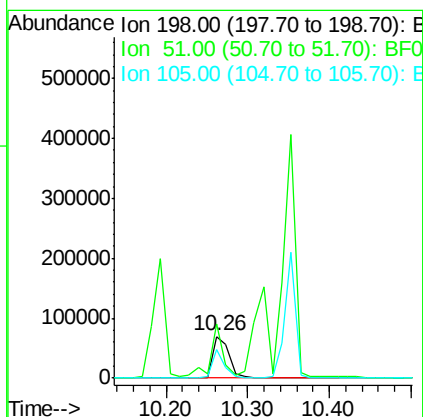
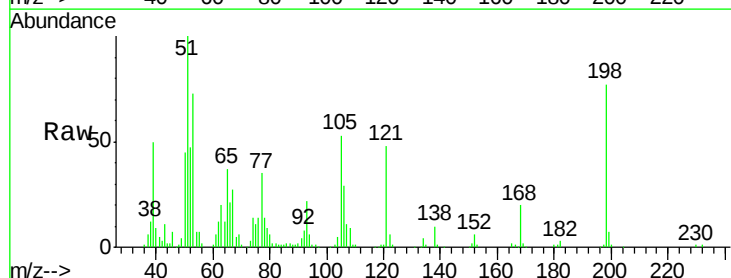
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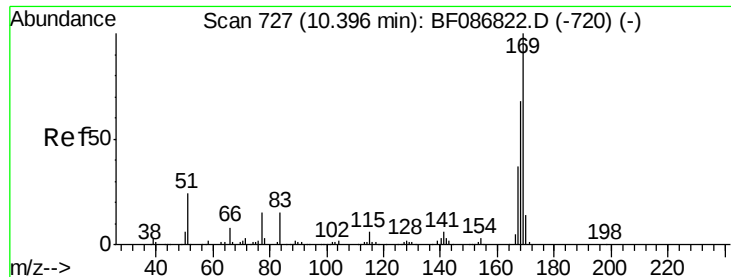
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 30.65 ng  
RT: 10.26 min Scan# 759  
Delta R.T. -0.01 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 129.4 | 20.5       | 60.5#      |
| 105     | 69.1  | 24.5       | 64.5#      |





#65

n-Nitrosodiphenylamine

Concen: 44.34 ng

RT: 10.32 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

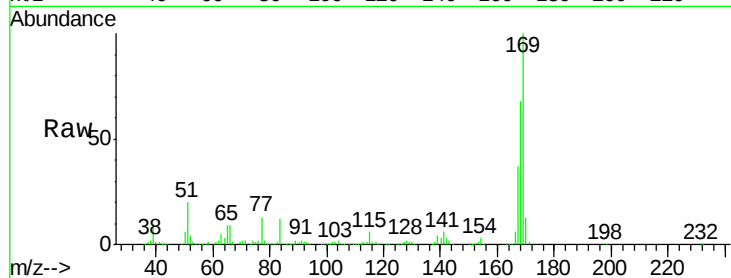
ClientSampleId :

SSTDCCC040

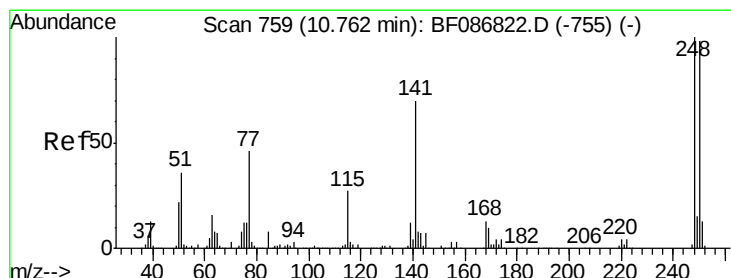
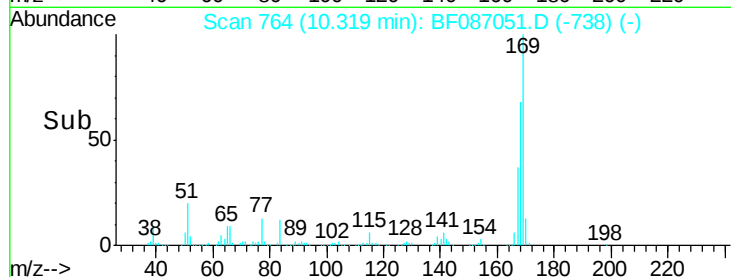
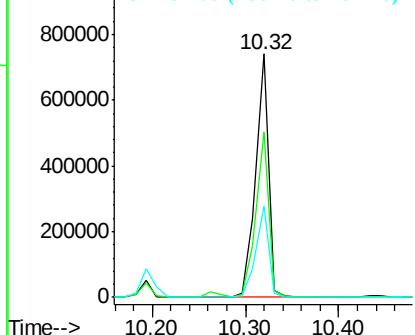
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 706751 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 68.1  | 53.8  | 80.6   |
| 167       | 37.4  | 29.5  | 44.3   |

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



#66

4-Bromophenyl-phenylether

Concen: 40.83 ng

RT: 10.68 min Scan# 796

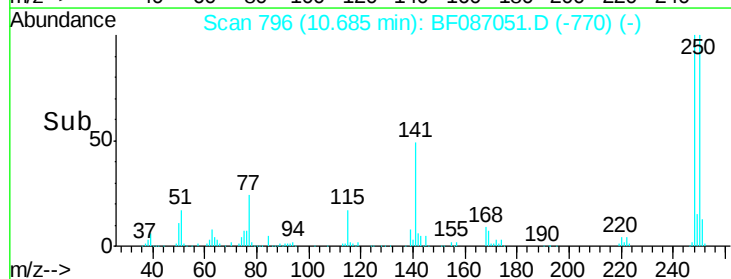
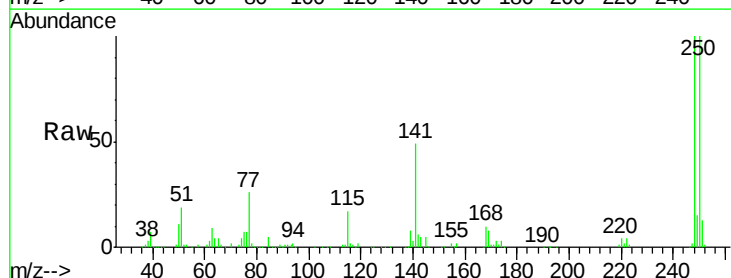
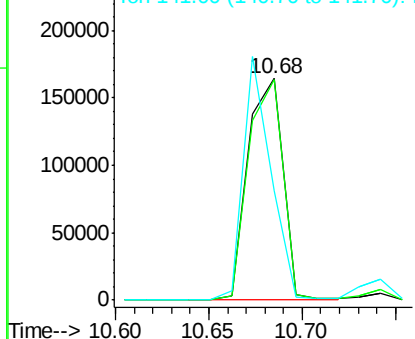
Delta R.T. 0.00 min

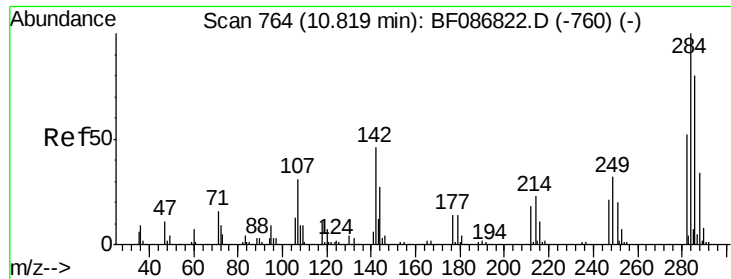
Lab File: BF087051.D

Acq: 15 May 2016 6:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 214784 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 99.7  | 78.6  | 117.8  |
| 141       | 49.2  | 76.0  | 114.0# |

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





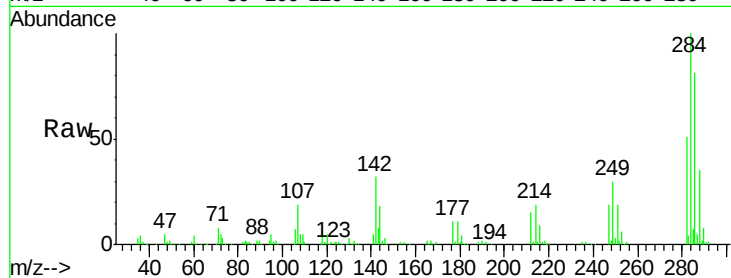
#67  
Hexachlorobenzene  
Concen: 43.40 ng  
RT: 10.74 min Scan# 801  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

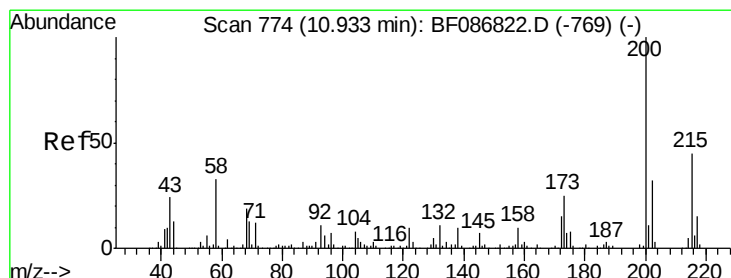
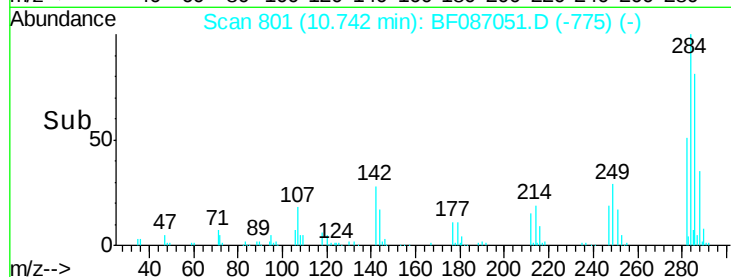
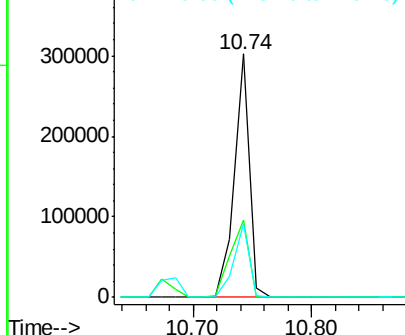
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 266786 |       |       |
| 142     | 31.5  | 16.7   | 25.1# |       |
| 249     | 30.2  | 21.3   | 31.9  |       |

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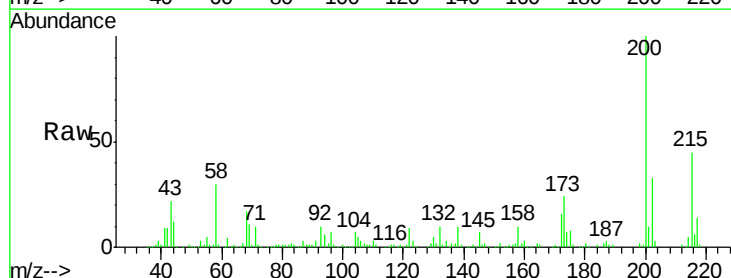


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

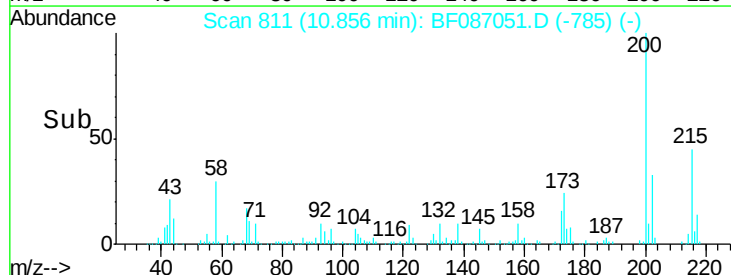
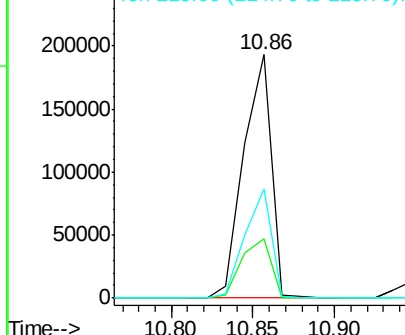


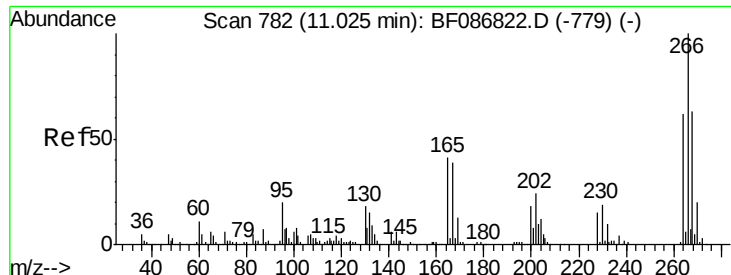
#68  
Atrazine  
Concen: 42.51 ng  
RT: 10.86 min Scan# 811  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 226339 |       |       |
| 173     | 24.3  | 8.5    | 48.5  |       |
| 215     | 44.7  | 27.2   | 67.2  |       |



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





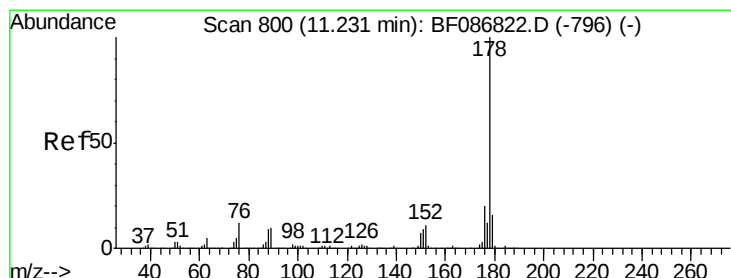
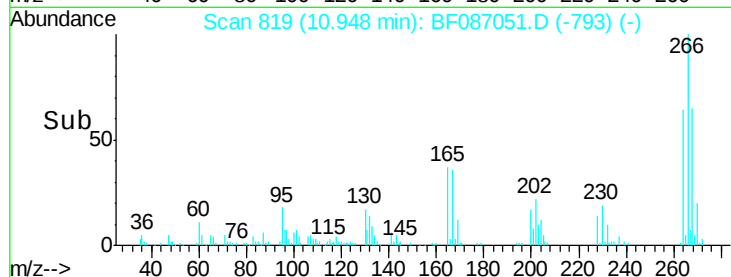
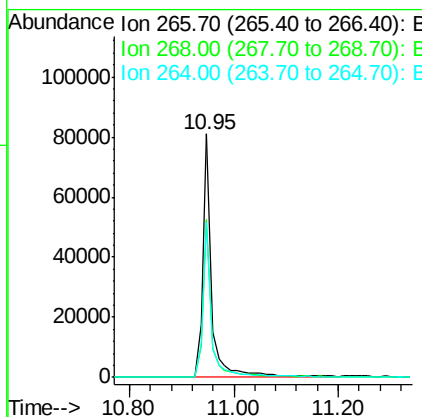
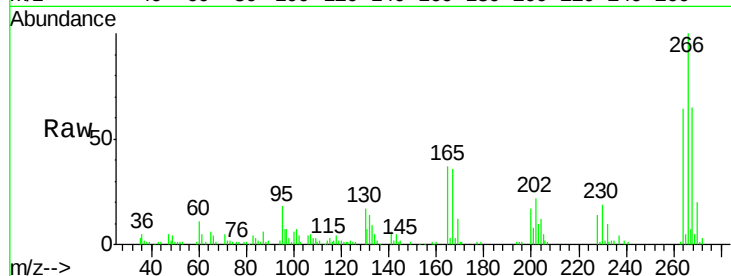
#69  
 Pentachlorophenol  
 Concen: 34.33 ng  
 RT: 10.95 min Scan# 819  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.0  | 51.5  | 77.3  |
| 264     | 63.7  | 52.9  | 79.3  |

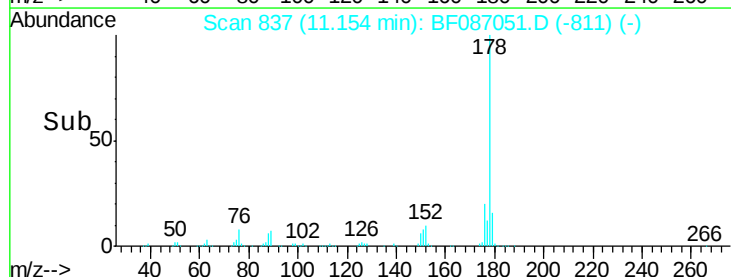
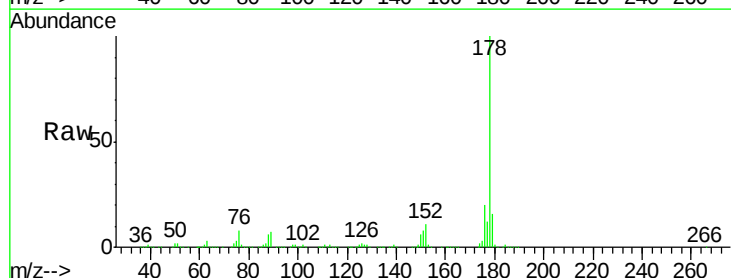
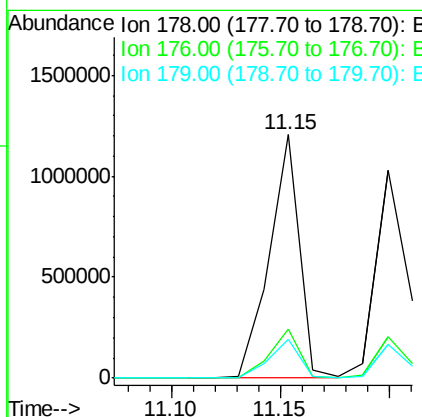
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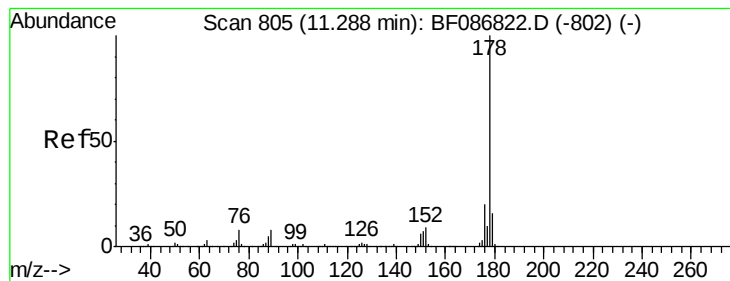
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#70  
 Phenanthrene  
 Concen: 42.26 ng  
 RT: 11.15 min Scan# 837  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.2  | 16.0  | 24.0  |
| 179     | 15.7  | 12.6  | 18.8  |





#71

Anthracene

Concen: 37.41 ng

RT: 11.20 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF087051.D

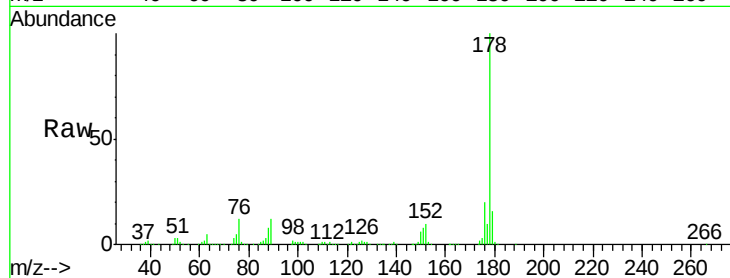
Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:178 Resp: 1059153

Ion Ratio Lower Upper

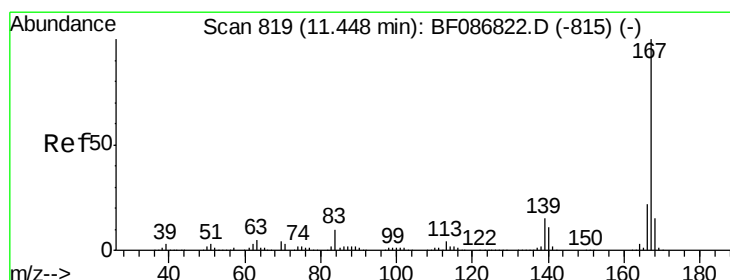
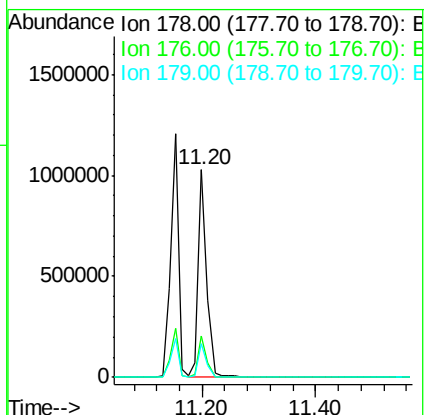
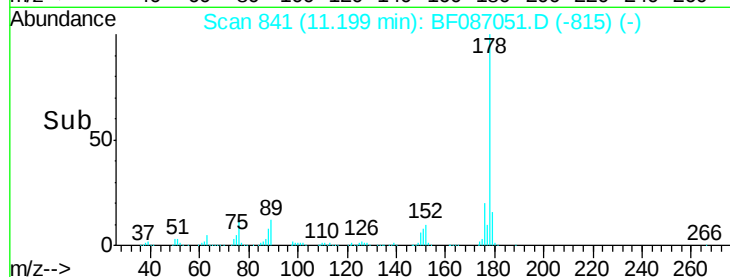
178 100

176 19.7 15.6 23.4

179 16.3 12.7 19.1

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#72

Carbazole

Concen: 42.05 ng

RT: 11.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

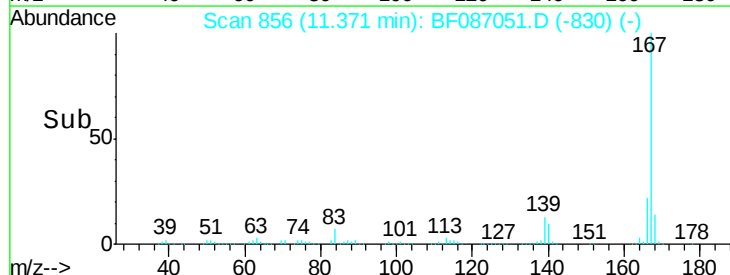
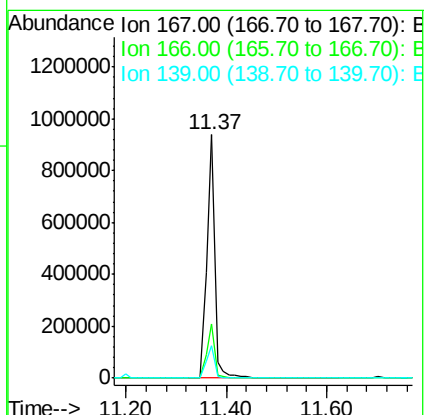
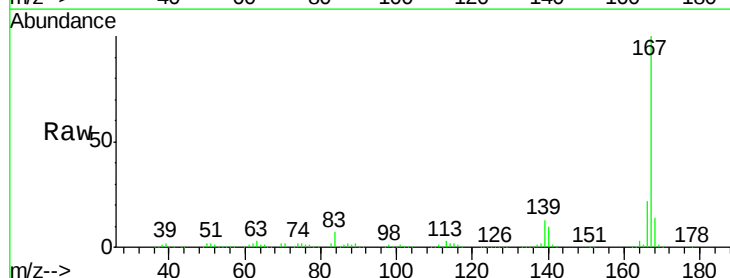
Tgt Ion:167 Resp: 1023438

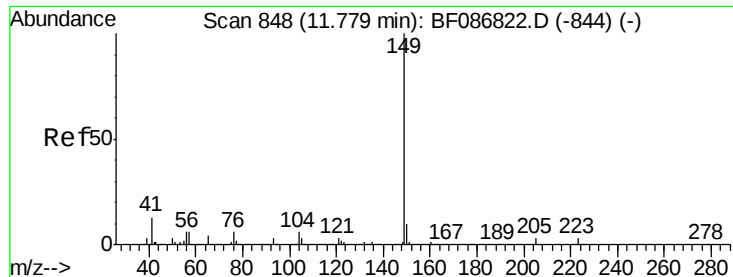
Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

139 13.4 10.8 16.2





#73

Di-n-butylphthalate

Concen: 42.30 ng

RT: 11.70 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1257282

Ion Ratio Lower Upper

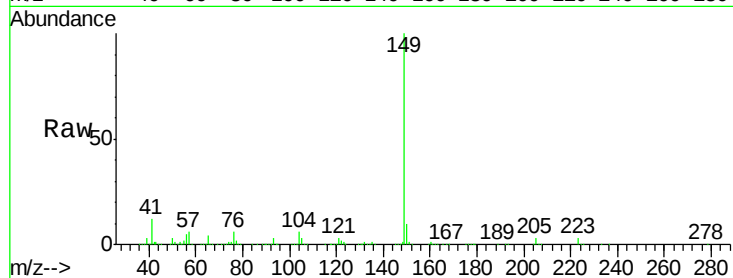
149 100

150 9.7 7.6 11.4

104 6.0 3.8 5.6#

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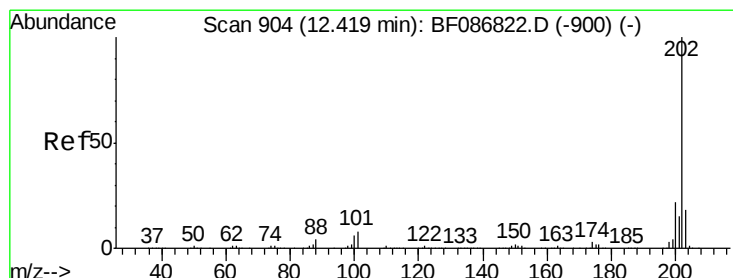
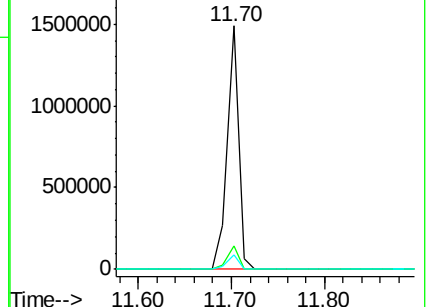
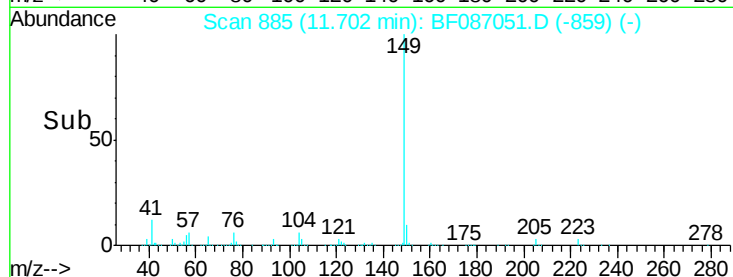
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.38 ng

RT: 12.33 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

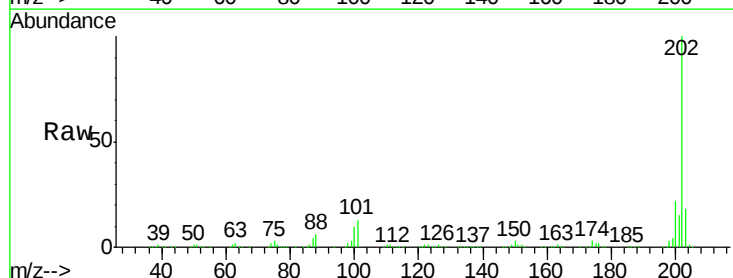
Tgt Ion:202 Resp: 1035880

Ion Ratio Lower Upper

202 100

101 12.6 0.0 35.4

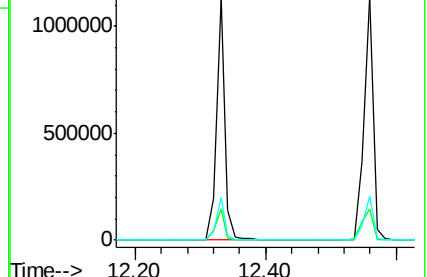
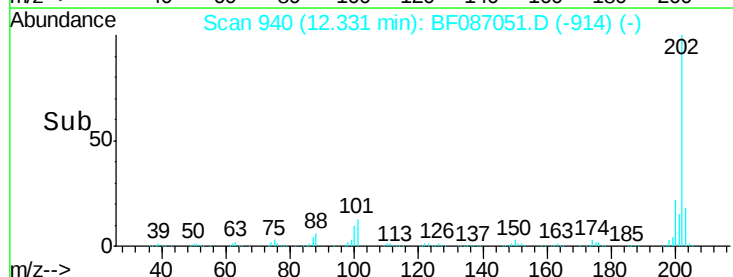
203 17.8 0.0 38.1

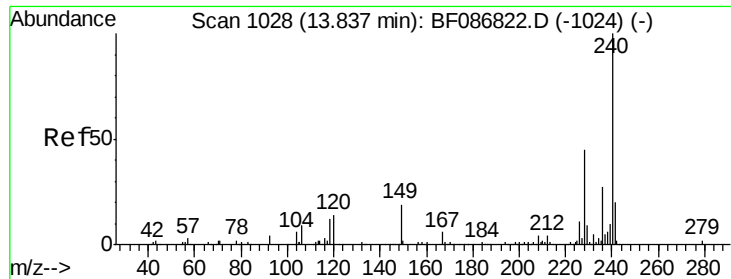


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

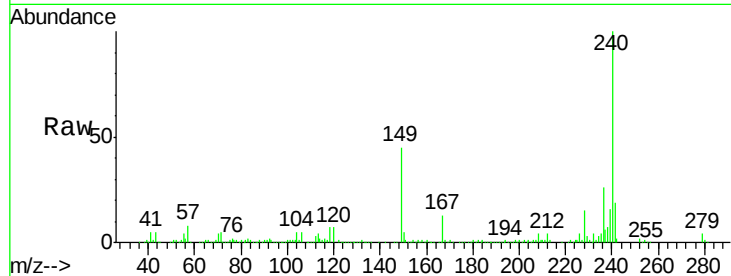
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 301924 |       |       |
| 120     | 7.2   | 11.2   | 16.8# |       |
| 236     | 26.5  | 21.2   | 31.8  |       |

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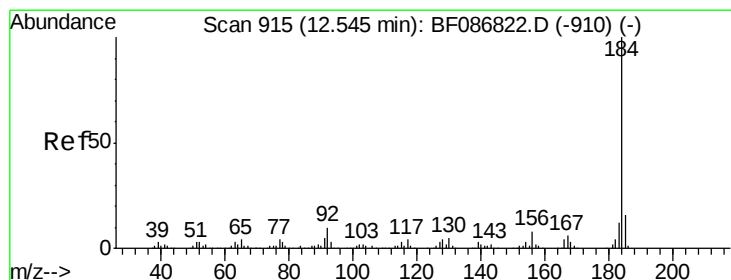
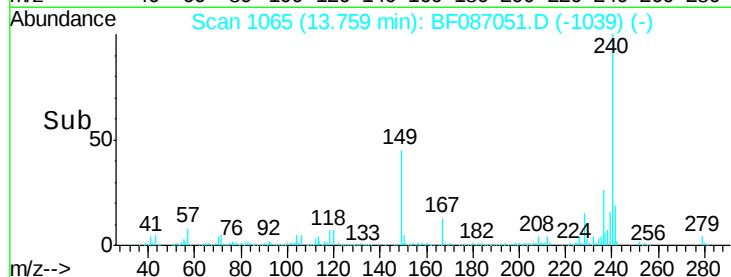
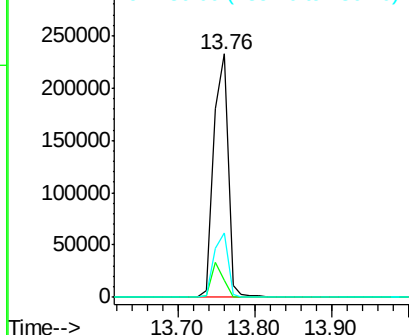


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.96 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

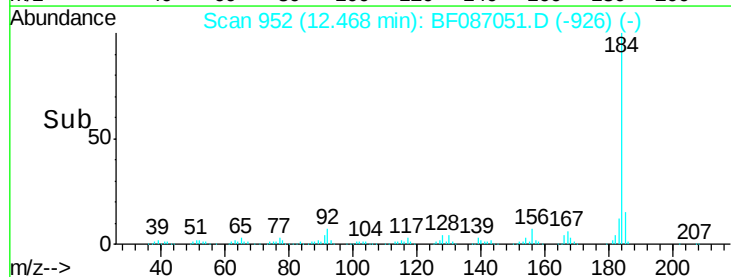
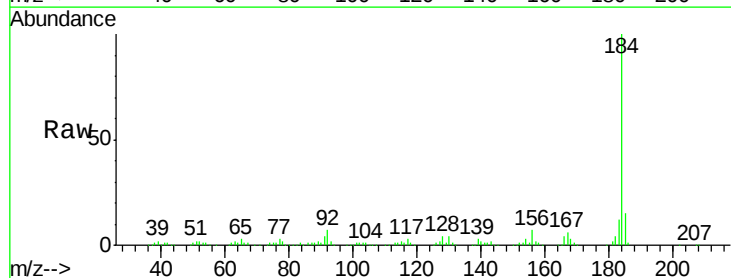
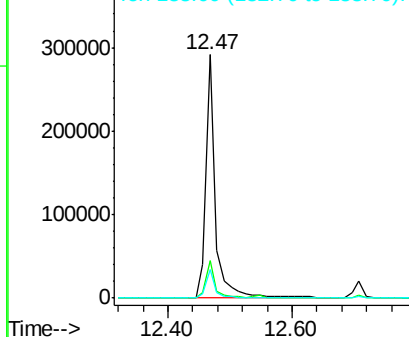
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 315259 |       |       |
| 185     | 15.5  | 13.6   | 20.4  |       |
| 183     | 11.7  | 9.8    | 14.6  |       |

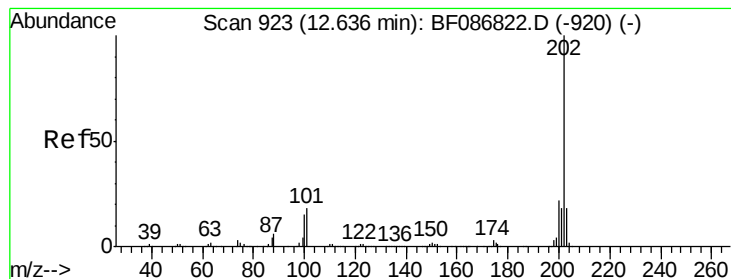
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 46.93 ng

RT: 12.56 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

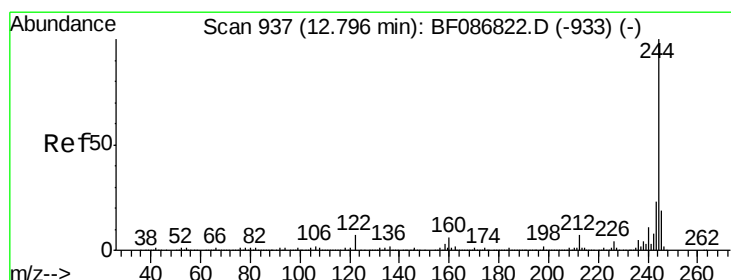
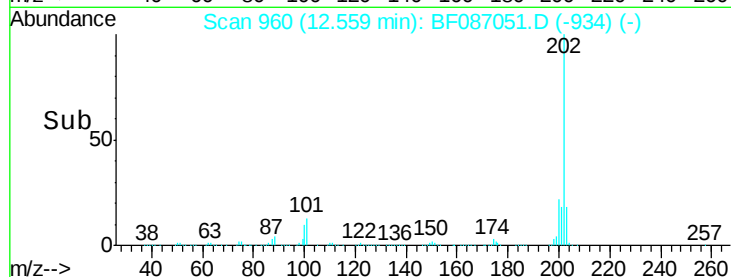
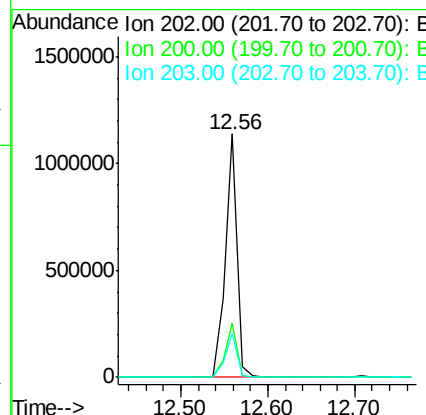
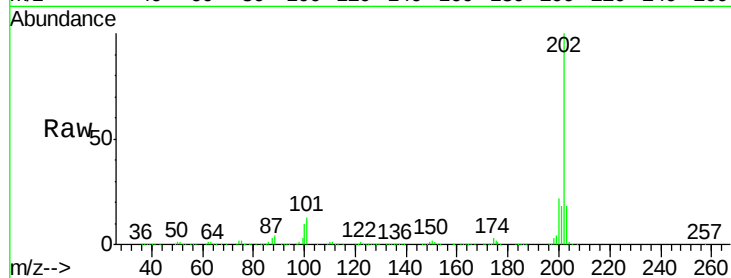
ClientSampleId :

SSTDCCC040

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 202   | Resp: | 1084877 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 200      | 22.1  | 17.7  | 26.5    |
| 203      | 18.0  | 14.2  | 21.4    |

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#78

Terphenyl-d14

Concen: 84.02 ng

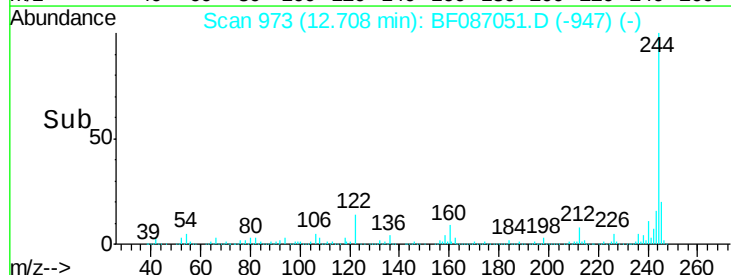
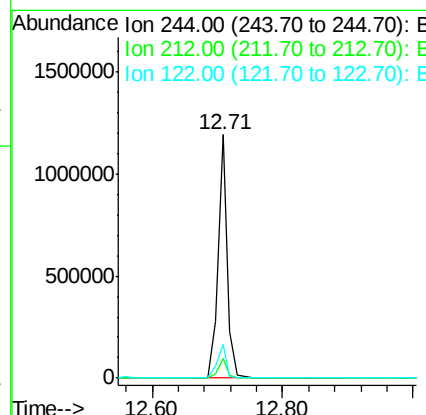
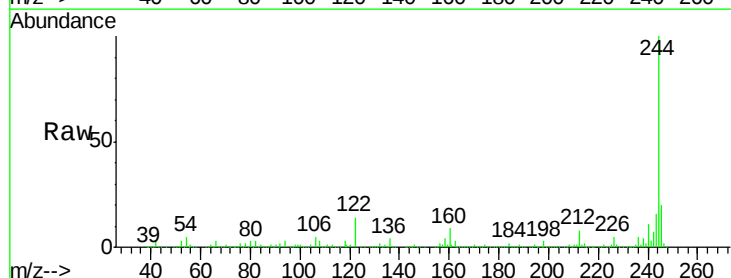
RT: 12.71 min Scan# 973

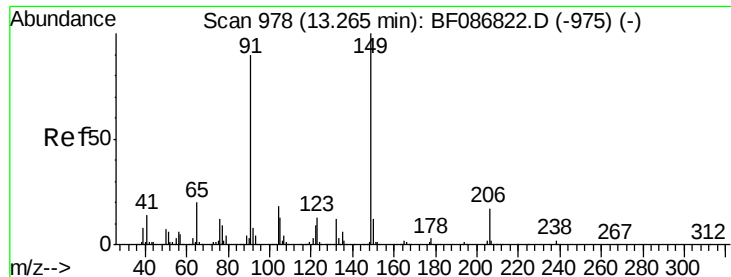
Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 244   | Resp: | 1195557 |
| Ion      | Ratio | Lower | Upper   |
| 244      | 100   |       |         |
| 212      | 7.9   | 6.2   | 9.2     |
| 122      | 13.9  | 12.0  | 18.0    |





#79

Butylbenzylphthalate

Concen: 45.59 ng

RT: 13.19 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 445727  
Ion Ratio Lower Upper

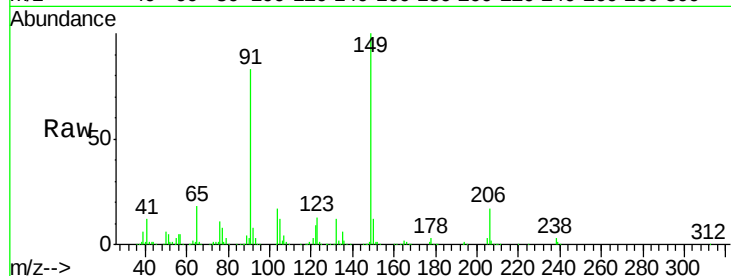
149 100

91 82.6 48.0 72.0#

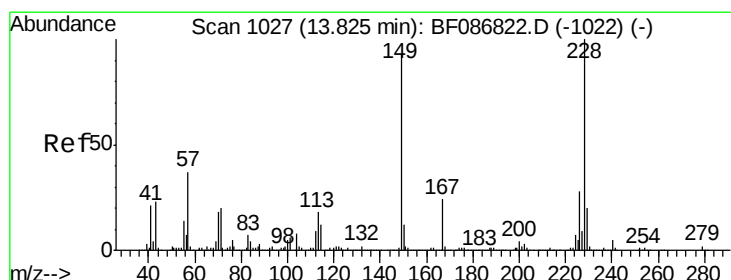
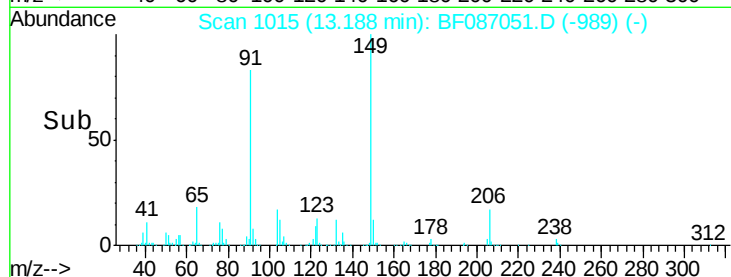
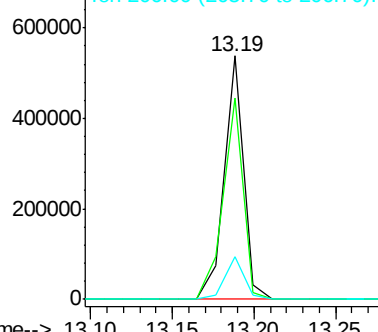
206 17.5 15.8 23.6

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BF0  
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.88 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF087051.D

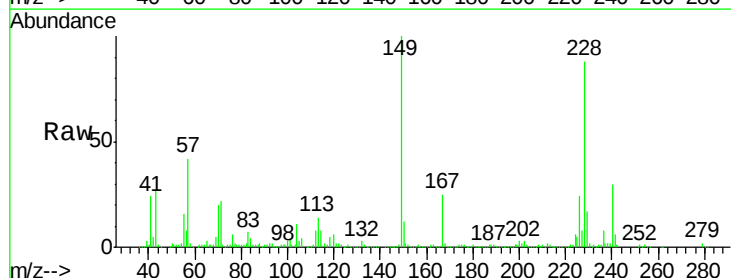
Acq: 15 May 2016 6:20

Tgt Ion:228 Resp: 743679  
Ion Ratio Lower Upper

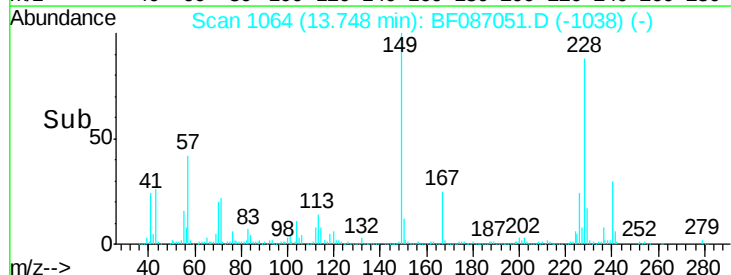
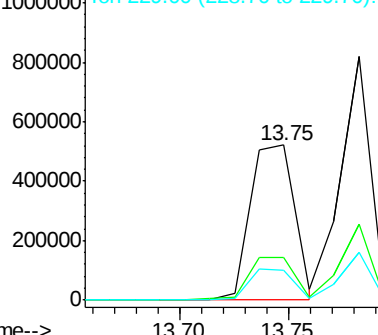
228 100

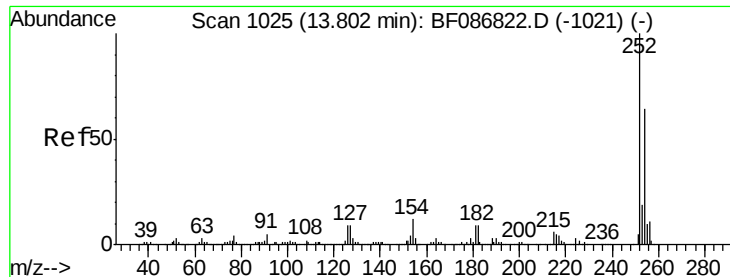
226 27.8 22.5 33.7

229 19.6 16.6 25.0



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





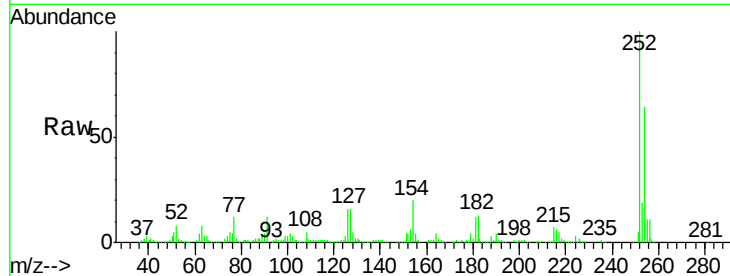
#81  
 3,3'-Dichlorobenzidine  
 Concen: 41.35 ng  
 RT: 13.71 min Scan# 1061  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

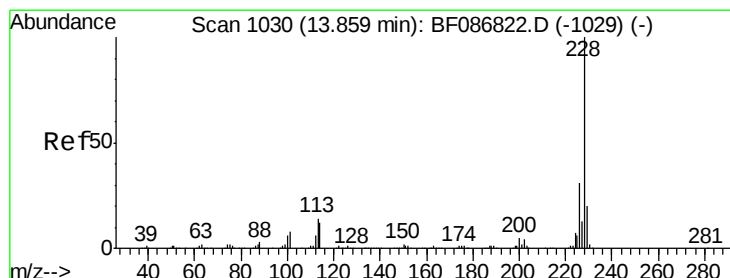
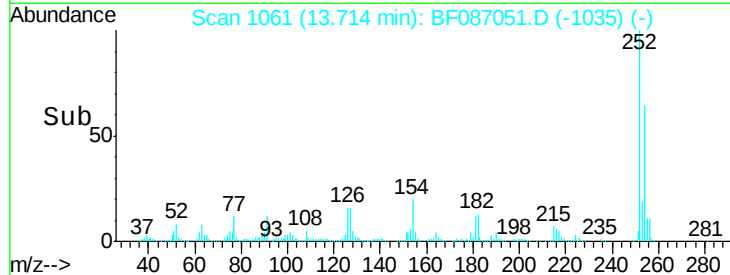
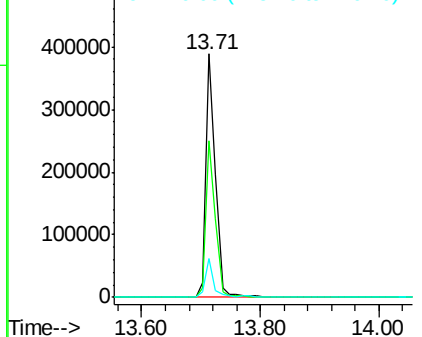
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 445265 |       |       |
| 254     | 64.4  | 50.7   | 76.1  |       |
| 126     | 15.8  | 12.7   | 19.1  |       |

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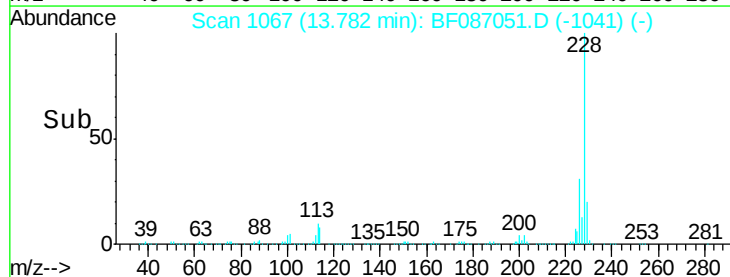
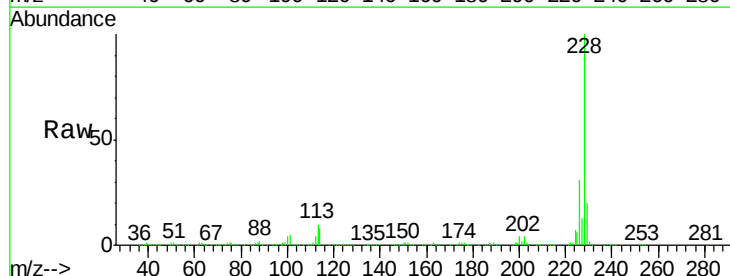
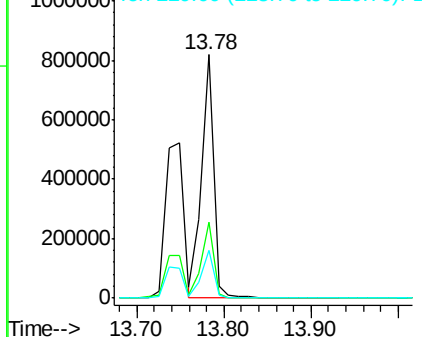
Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

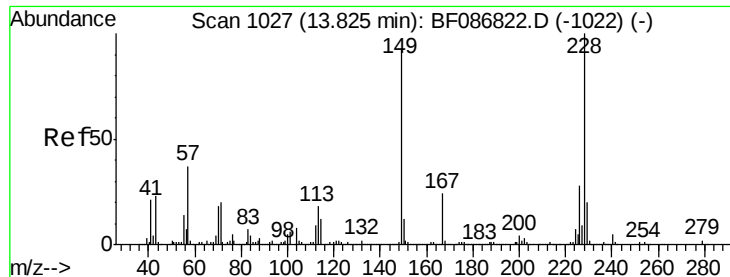


#82  
 Chrysene  
 Concen: 46.06 ng  
 RT: 13.78 min Scan# 1067  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 794071 |       |       |
| 226     | 31.2  | 24.4   | 36.6  |       |
| 229     | 19.9  | 15.8   | 23.8  |       |

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.41 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 534075  
Ion Ratio Lower Upper

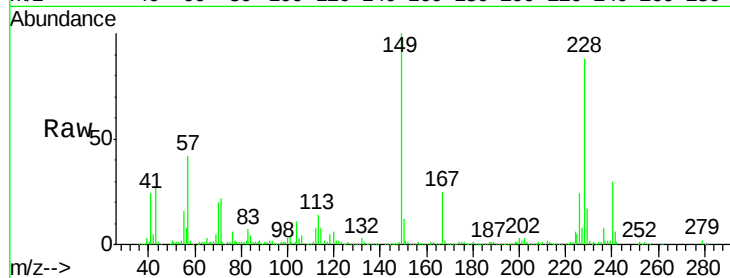
149 100

167 24.9 21.8 32.6

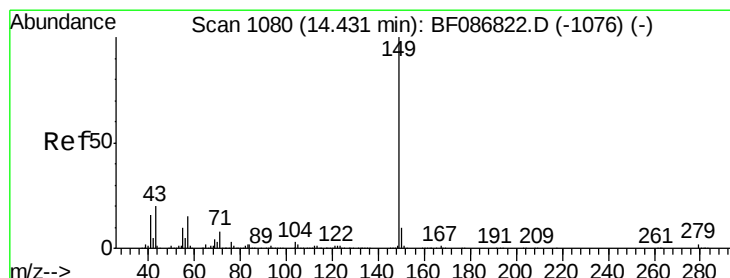
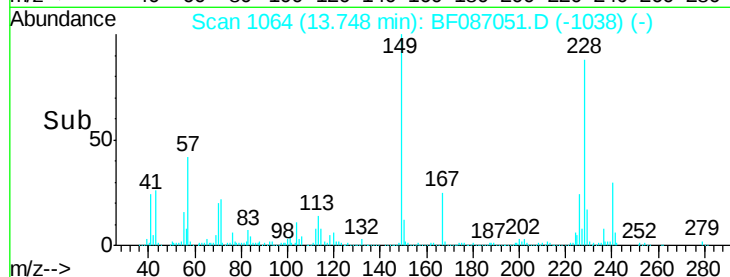
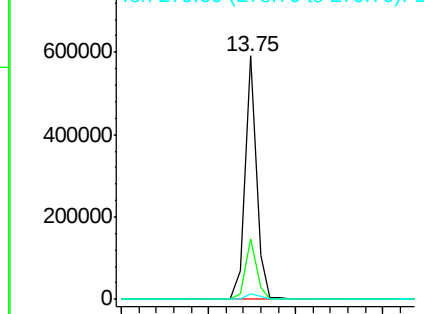
279 2.4 2.6 4.0#

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.50 ng

RT: 14.35 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF087051.D

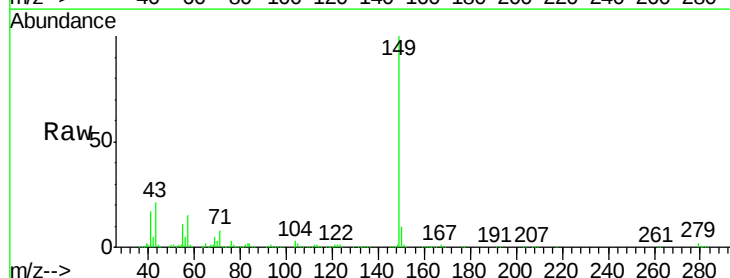
Acq: 15 May 2016 6:20

Tgt Ion:149 Resp: 867014  
Ion Ratio Lower Upper

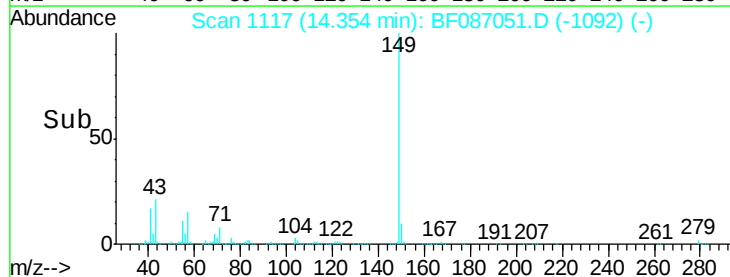
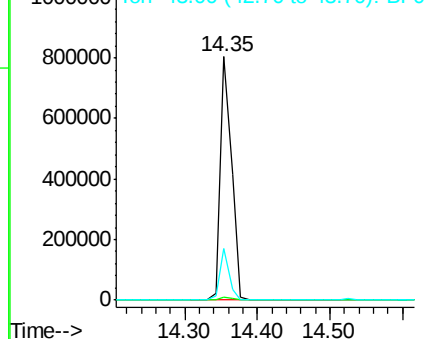
149 100

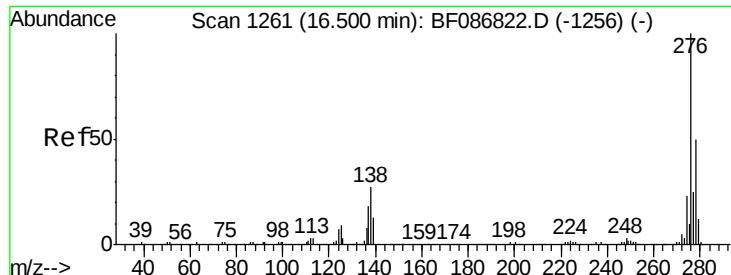
167 1.5 1.2 1.8

43 17.5 8.2 12.4#



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF0





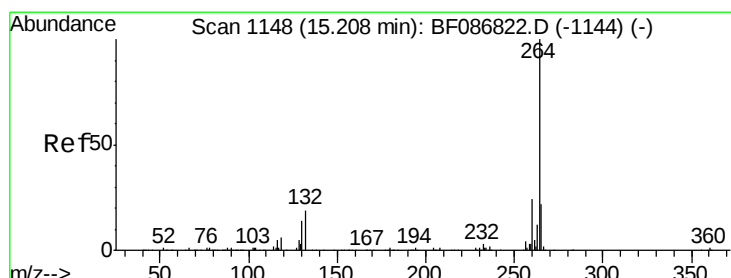
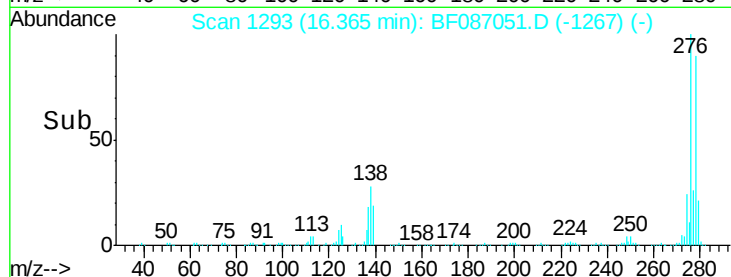
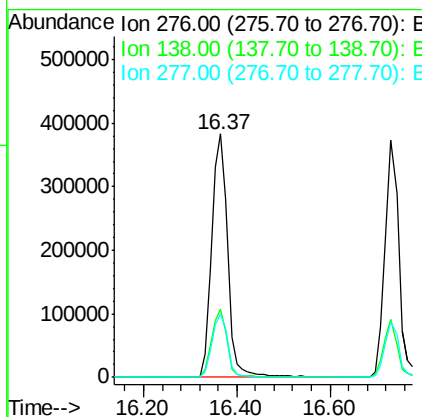
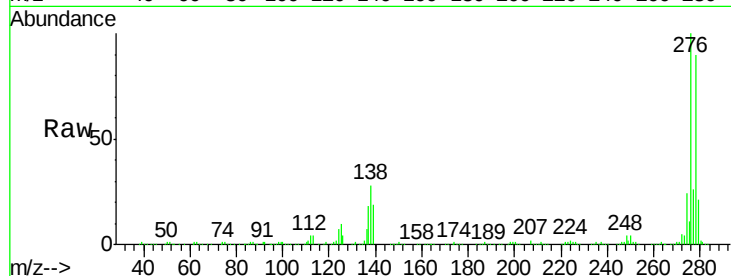
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 64.16 ng  
 RT: 16.37 min Scan# 1293  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 276     | 100   |            |            |
| 138     | 27.4  | 25.6       | 38.4       |
| 277     | 25.7  | 20.5       | 30.7       |

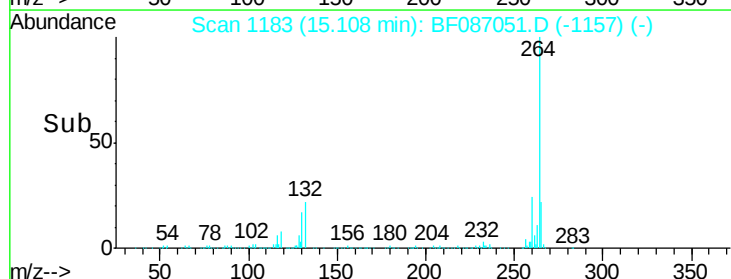
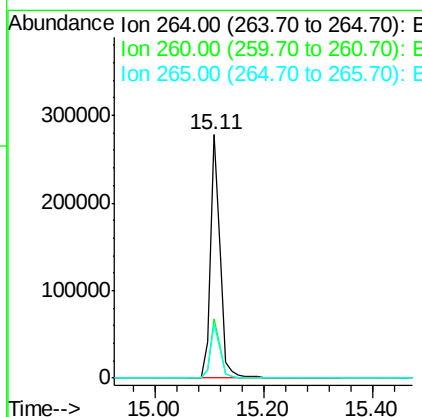
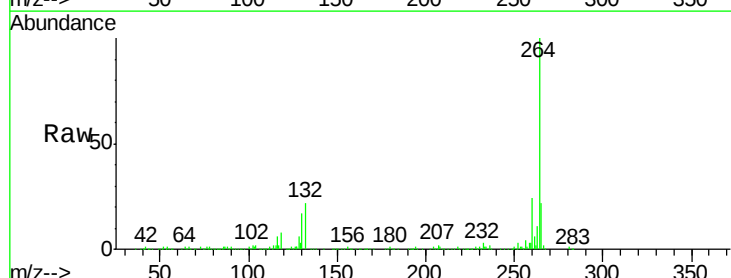
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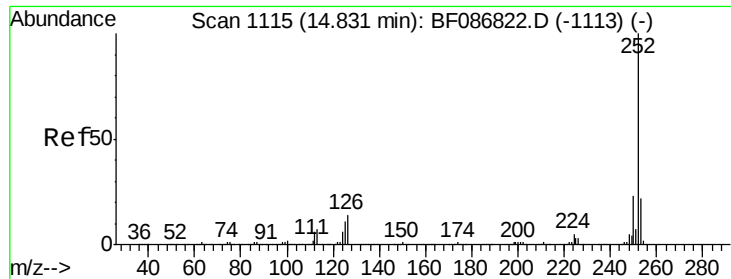
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.11 min Scan# 1183  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 264     | 100   |            |            |
| 260     | 24.5  | 19.5       | 29.3       |
| 265     | 22.0  | 17.3       | 25.9       |





#87

Benzo(b)fluoranthene

Concen: 32.23 ng m

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

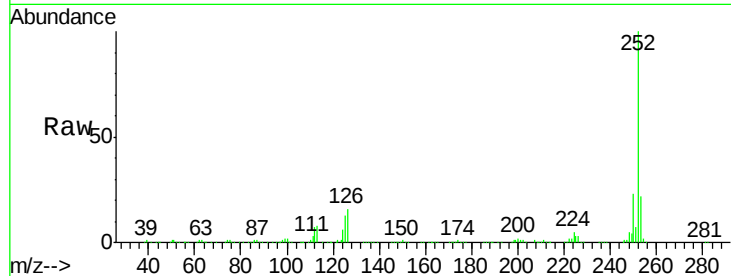
ClientSampleId :

SSTDCCC040

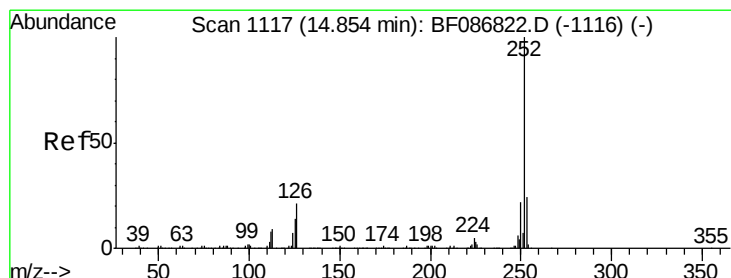
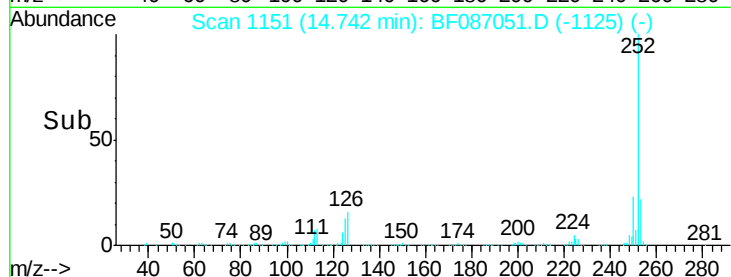
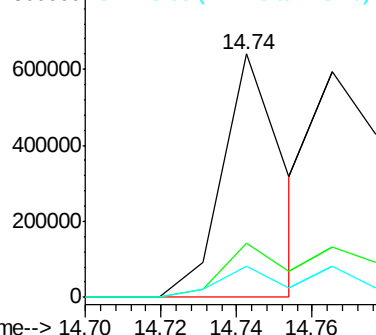
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.8  | 26.6  |
| 125     | 12.6  | 11.4  | 17.0  |

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



#88

Benzo(k)fluoranthene

Concen: 40.99 ng m

RT: 14.77 min Scan# 1153

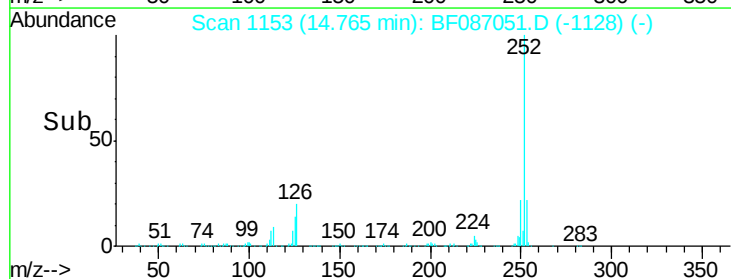
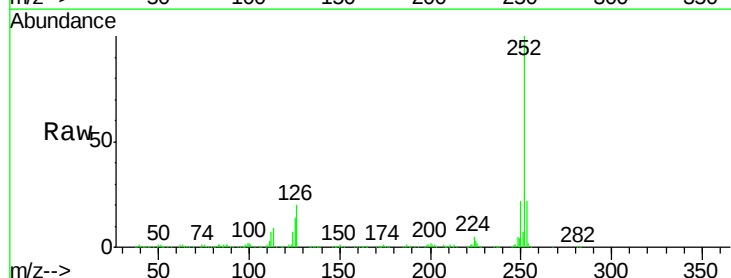
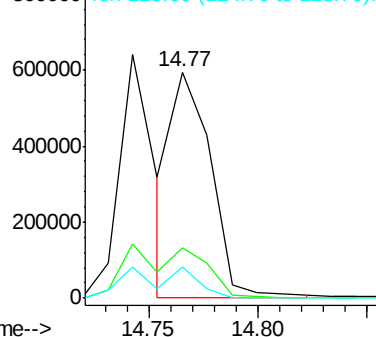
Delta R.T. -0.01 min

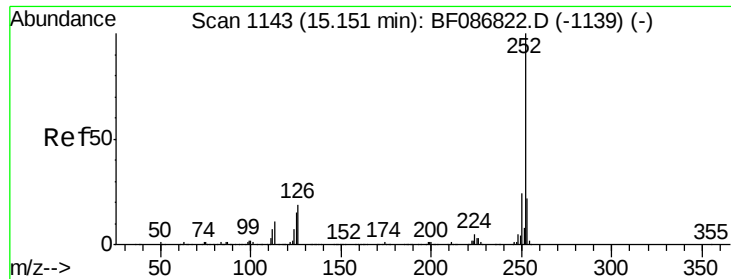
Lab File: BF087051.D

Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.8  | 26.6  |
| 125     | 13.6  | 9.1   | 13.7  |

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





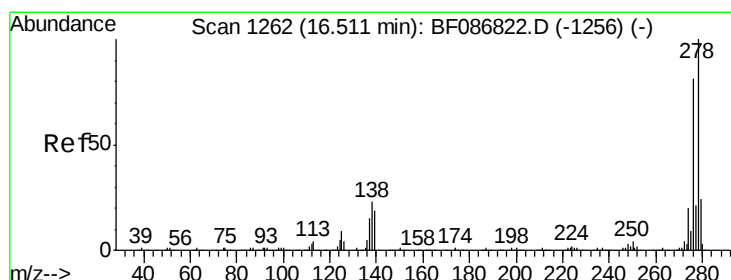
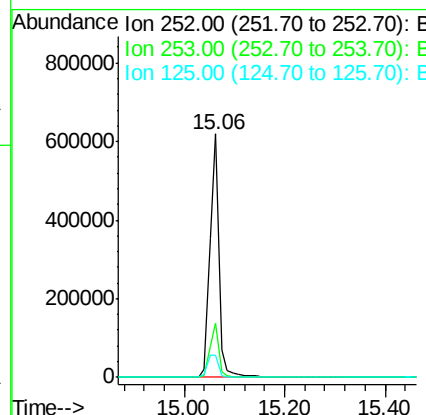
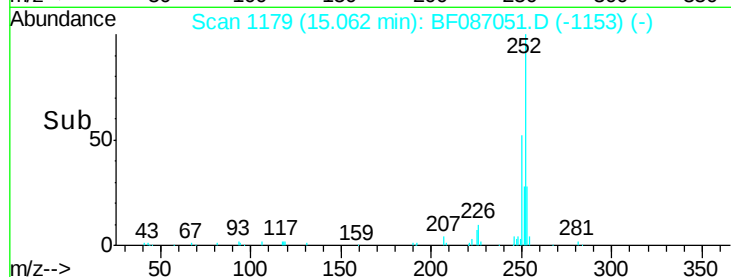
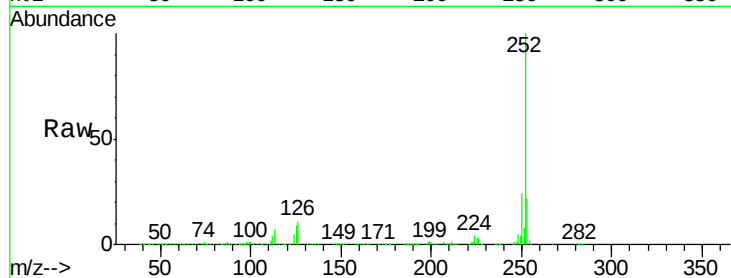
#89  
Benzo(a)pyrene  
Concen: 39.59 ng  
RT: 15.06 min Scan# 1179  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

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

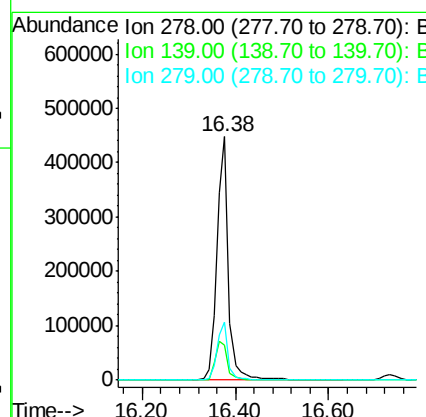
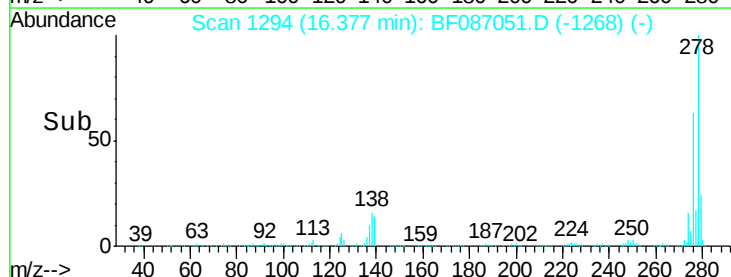
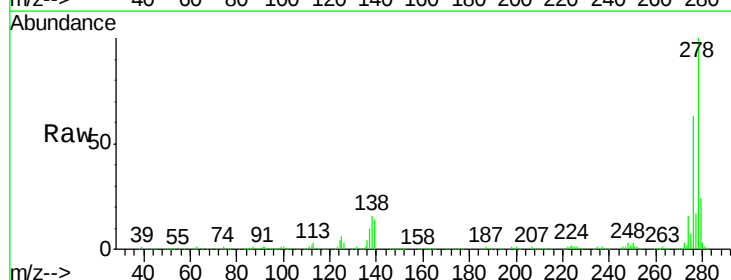
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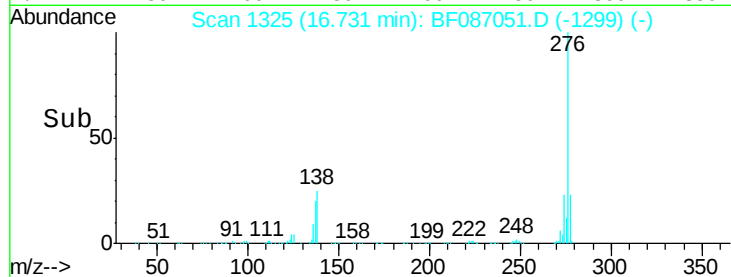
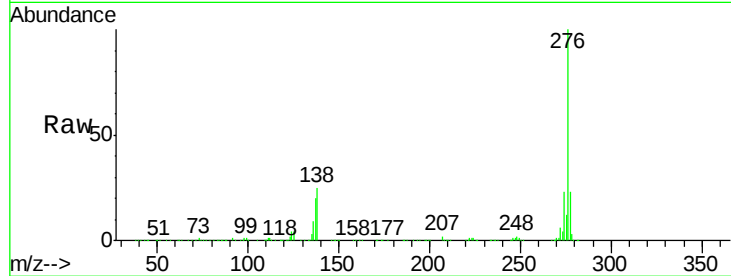
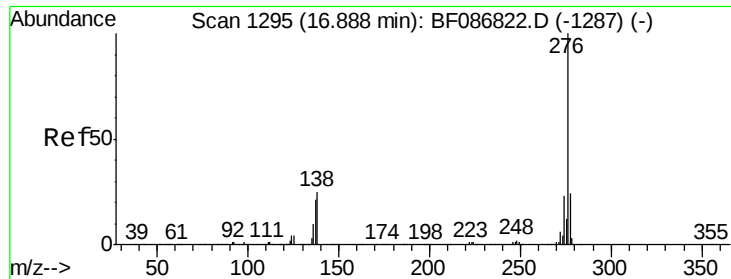
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#90  
Dibenzo(a,h)anthracene  
Concen: 47.46 ng  
RT: 16.38 min Scan# 1294  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 278     | 100   |            |       |
| 139     | 14.4  | 16.6       | 24.8  |
| 279     | 23.6  | 19.6       | 29.4  |





#91  
 Benzo(g,h,i)perylene  
 Concen: 47.71 ng  
 RT: 16.73 min Scan# 1325  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 276     | 100   |            |            |
| 277     | 23.4  | 19.6       | 29.4       |
| 138     | 24.6  | 23.6       | 35.4       |

Manual Integrations  
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