

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF043016\  
 Data File : BF086513.D  
 Acq On : 30 Apr 2016 9:48  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

sohil  
 5/2/2016 7:52:47 PM

Quant Time: May 01 01:17:31 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF042716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 27 14:20:52 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.77  | 152  | 162789   | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 8.05  | 136  | 689073   | 20.00 | ng    | -0.05    |
| 38) Acenaphthene-d10      | 9.81  | 164  | 343146   | 20.00 | ng    | -0.03    |
| 63) Phenanthrene-d10      | 11.29 | 188  | 620798   | 20.00 | ng    | -0.03    |
| 75) Chrysene-d12          | 13.92 | 240  | 421434   | 20.00 | ng    | -0.05    |
| 86) Perylene-d12          | 15.31 | 264  | 356119   | 20.00 | ng    | -0.05    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.36  | 112 | 816643  | 86.53 | ng | -0.03 |
| 7) Phenol-d6             | 6.41  | 99  | 1109291 | 84.22 | ng | -0.03 |
| 23) Nitrobenzene-d5      | 7.34  | 82  | 1118485 | 87.49 | ng | -0.03 |
| 41) 2,4,6-Tribromophenol | 10.60 | 330 | 305570  | 84.44 | ng | -0.03 |
| 44) 2-Fluorobiphenyl     | 9.14  | 172 | 1650117 | 83.93 | ng | -0.03 |
| 78) Terphenyl-d14        | 12.88 | 244 | 1703447 | 89.05 | ng | -0.03 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.29 | 88  | 203402  | 41.03 | ng | # 78   |
| 3) Pyridine                    | 2.98 | 79  | 564848  | 48.14 | ng | # 69   |
| 4) n-Nitrosodimethylamine      | 2.93 | 42  | 308723  | 46.16 | ng | # 60   |
| 6) Aniline                     | 6.43 | 93  | 655359  | 41.12 | ng | # 60   |
| 8) 2-Chlorophenol              | 6.56 | 128 | 489296  | 41.62 | ng | 97     |
| 9) Benzaldehyde                | 6.32 | 77  | 307139  | 40.08 | ng | 93     |
| 10) Phenol                     | 6.43 | 94  | 605874  | 41.23 | ng | # 46   |
| 11) bis(2-Chloroethyl)ether    | 6.51 | 93  | 509931  | 40.14 | ng | 88     |
| 12) 1,3-Dichlorobenzene        | 6.70 | 146 | 478239m | 37.82 | ng |        |
| 13) 1,4-Dichlorobenzene        | 6.78 | 146 | 499682m | 38.30 | ng |        |
| 14) 1,2-Dichlorobenzene        | 6.94 | 146 | 477273  | 39.89 | ng | 97     |
| 15) Benzyl Alcohol             | 6.92 | 79  | 377578  | 45.31 | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.06 | 45  | 1049725 | 41.28 | ng | 88     |
| 17) 2-Methylphenol             | 7.04 | 107 | 380751  | 40.07 | ng | # 95   |
| 18) Hexachloroethane           | 7.29 | 117 | 190491  | 39.08 | ng | # 77   |
| 19) n-Nitroso-di-n-propylamine | 7.20 | 70  | 351475  | 40.37 | ng | # 74   |
| 20) 3+4-Methylphenols          | 7.20 | 107 | 470787  | 43.40 | ng | # 71   |
| 22) Acetophenone               | 7.18 | 105 | 607443  | 40.20 | ng | # 90   |
| 24) Nitrobenzene               | 7.36 | 77  | 523331  | 39.80 | ng | 96     |
| 25) Isophorone                 | 7.61 | 82  | 1000153 | 40.65 | ng | # 94   |
| 26) 2-Nitrophenol              | 7.68 | 139 | 276437  | 45.65 | ng | 88     |
| 27) 2,4-Dimethylphenol         | 7.72 | 122 | 456555  | 42.97 | ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 7.81 | 93  | 540186  | 40.30 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.92 | 162 | 371880  | 41.49 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 8.00 | 180 | 408813  | 39.31 | ng | 95     |
| 31) Naphthalene                | 8.08 | 128 | 1251046 | 35.68 | ng | 99     |
| 32) Benzoic acid               | 7.85 | 122 | 255976  | 41.29 | ng | 86     |
| 33) 4-Chloroaniline            | 8.13 | 127 | 577499  | 43.98 | ng | # 95   |
| 34) Hexachlorobutadiene        | 8.20 | 225 | 234147  | 40.17 | ng | 99     |
| 35) Caprolactam                | 8.52 | 113 | 138927  | 46.46 | ng | # 84   |
| 36) 4-Chloro-3-methylphenol    | 8.62 | 107 | 464106  | 45.22 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.77 | 142 | 878363  | 42.45 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.93 | 216 | 352394  | 35.88 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.92 | 237 | 170486  | 34.93 | ng | 96     |

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 BNA\_F  
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 SSTDCCC040

Manual Integrations  
 APPROVED

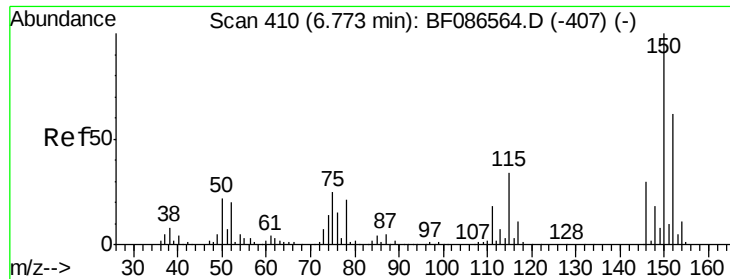
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 5/2/2016 7:52:47 PM

Quant Time: May 01 01:17:31 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF042716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 27 14:20:52 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.05  | 196  | 249508   | 40.19 | ng    | 96       |
| 43) 2,4,5-Trichlorophenol      | 9.09  | 196  | 281244   | 41.56 | ng #  | 94       |
| 45) 1,1'-Biphenyl              | 9.24  | 154  | 1061908  | 37.02 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.26  | 162  | 838859   | 38.47 | ng    | 98       |
| 47) 2-Nitroaniline             | 9.36  | 65   | 322622   | 46.13 | ng #  | 81       |
| 48) Acenaphthylene             | 9.68  | 152  | 1354623  | 39.74 | ng    | 99       |
| 49) Dimethylphthalate          | 9.54  | 163  | 946489   | 36.64 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.61  | 165  | 222538   | 41.70 | ng #  | 65       |
| 51) Acenaphthene               | 9.85  | 154  | 899518   | 41.08 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.77  | 138  | 248063   | 40.87 | ng    | 85       |
| 53) 2,4-Dinitrophenol          | 9.87  | 184  | 99309    | 38.53 | ng #  | 73       |
| 54) Dibenzofuran               | 10.02 | 168  | 1079078  | 39.43 | ng    | 98       |
| 55) 4-Nitrophenol              | 9.94  | 139  | 172731   | 43.46 | ng    | 90       |
| 56) 2,4-Dinitrotoluene         | 10.01 | 165  | 292272   | 42.96 | ng #  | 88       |
| 57) Fluorene                   | 10.36 | 166  | 859733   | 36.18 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.13 | 232  | 207972   | 39.31 | ng    | 97       |
| 59) Diethylphthalate           | 10.24 | 149  | 933934   | 38.19 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.35 | 204  | 390521   | 36.20 | ng    | 96       |
| 61) 4-Nitroaniline             | 10.38 | 138  | 263817   | 44.47 | ng    | 82       |
| 62) Azobenzene                 | 10.51 | 77   | 1084416  | 40.48 | ng    | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 10.41 | 198  | 151413   | 41.55 | ng #  | 39       |
| 65) n-Nitrosodiphenylamine     | 10.48 | 169  | 796948   | 41.08 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.84 | 248  | 258916   | 40.47 | ng #  | 86       |
| 67) Hexachlorobenzene          | 10.90 | 284  | 279509   | 37.75 | ng #  | 68       |
| 68) Atrazine                   | 11.00 | 200  | 242243   | 41.58 | ng    | 97       |
| 69) Pentachlorophenol          | 11.09 | 266  | 160802   | 41.19 | ng    | 96       |
| 70) Phenanthrene               | 11.31 | 178  | 1236281  | 37.95 | ng    | 100      |
| 71) Anthracene                 | 11.37 | 178  | 1410019  | 40.55 | ng    | 99       |
| 72) Carbazole                  | 11.53 | 167  | 1275729  | 41.40 | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.86 | 149  | 1467579  | 42.04 | ng    | 99       |
| 74) Fluoranthene               | 12.50 | 202  | 1414807  | 43.02 | ng    | 96       |
| 76) Benzidine                  | 12.62 | 184  | 631320   | 43.59 | ng    | 96       |
| 77) Pyrene                     | 12.73 | 202  | 1422165  | 46.83 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.34 | 149  | 532519   | 40.49 | ng #  | 68       |
| 80) Benzo(a)anthracene         | 13.91 | 228  | 949294   | 42.25 | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.88 | 252  | 683562   | 45.51 | ng #  | 97       |
| 82) Chrysene                   | 13.95 | 228  | 1100508  | 45.06 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.91 | 149  | 576066   | 35.29 | ng #  | 95       |
| 84) Di-n-octyl phthalate       | 14.52 | 149  | 969232   | 37.91 | ng #  | 89       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.65 | 276  | 895516   | 49.49 | ng    | 97       |
| 87) Benzo(b)fluoranthene       | 14.92 | 252  | 839529m  | 40.07 | ng    |          |
| 88) Benzo(k)fluoranthene       | 14.95 | 252  | 811901m  | 37.15 | ng    |          |
| 89) Benzo(a)pyrene             | 15.25 | 252  | 771444   | 39.00 | ng #  | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.67 | 278  | 738711   | 45.64 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.06 | 276  | 757507   | 46.70 | ng #  | 92       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.03 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

Instrument :

BNA\_F

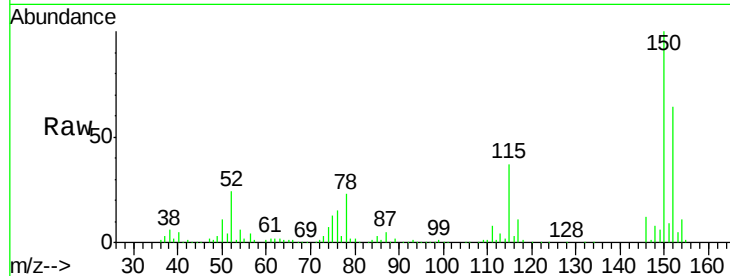
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.5 | 125.8 | 188.6 |
| 115     | 58.3  | 51.5  | 77.3  |

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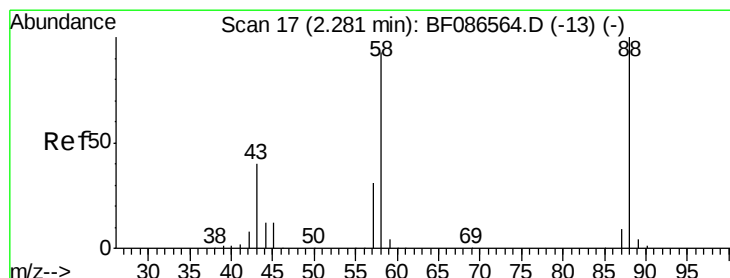
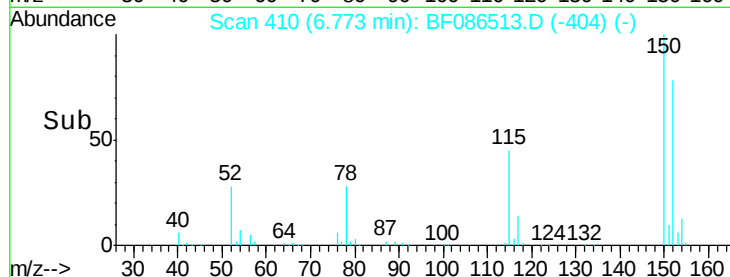
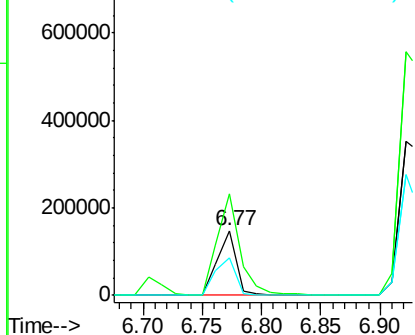
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.03 ng

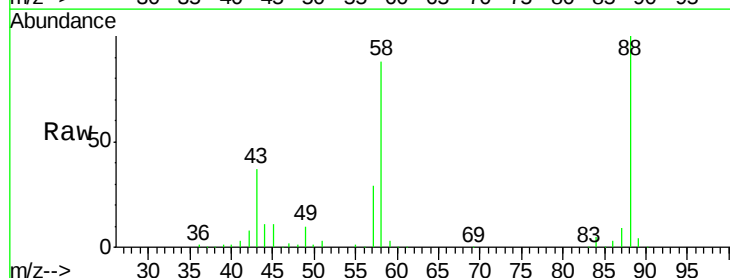
RT: 2.29 min Scan# 18

Delta R.T. -0.07 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

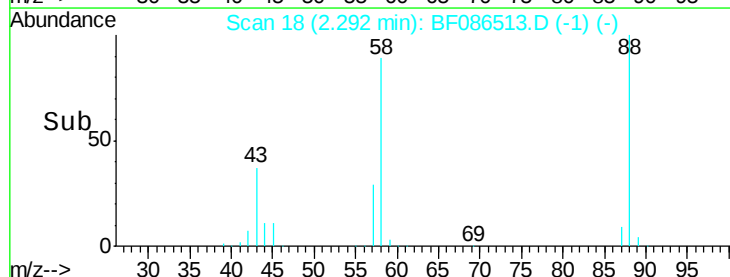
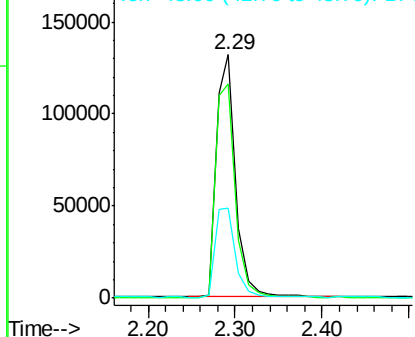
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 92.8  | 59.6  | 89.4# |
| 43      | 39.4  | 21.8  | 32.6# |

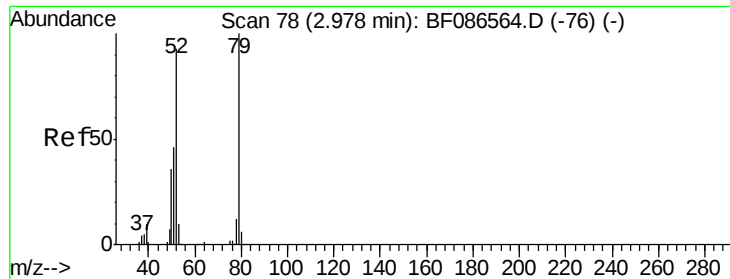


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 48.14 ng

RT: 2.98 min Scan# 78

Delta R.T. -0.08 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

Instrument :

BNA\_F

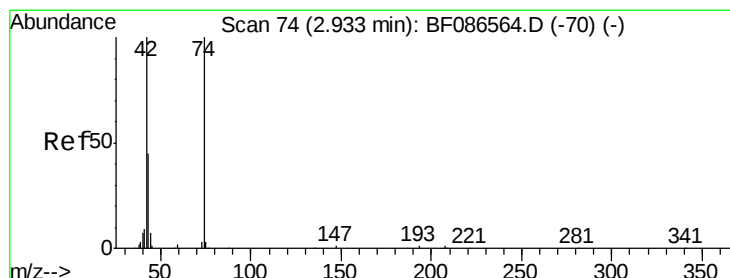
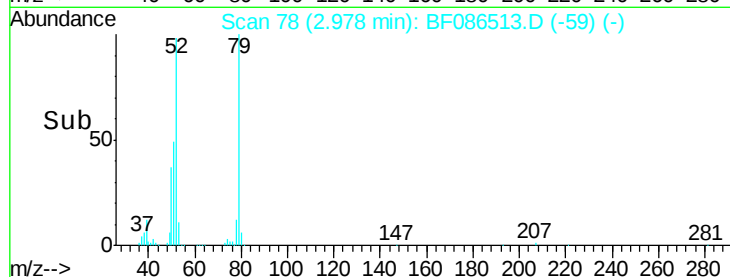
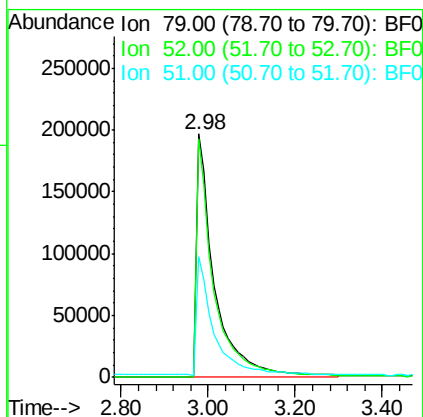
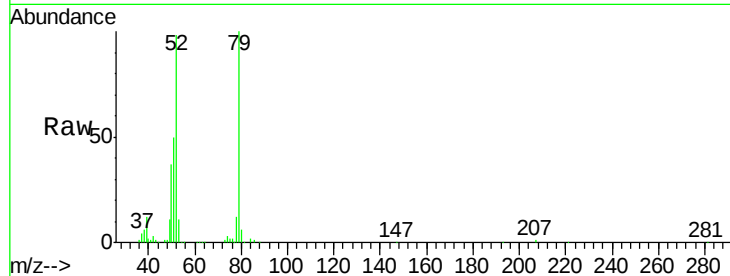
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 564848 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 98.1  | 55.9  | 83.9#  |
| 51        | 49.8  | 28.1  | 42.1#  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 46.16 ng

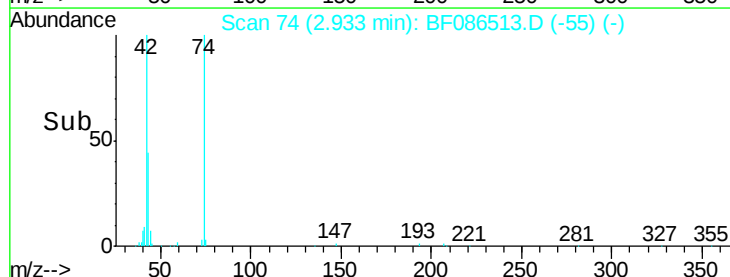
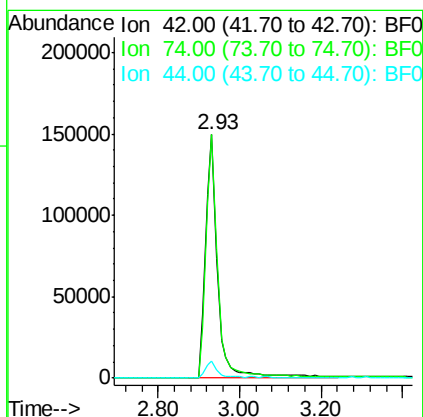
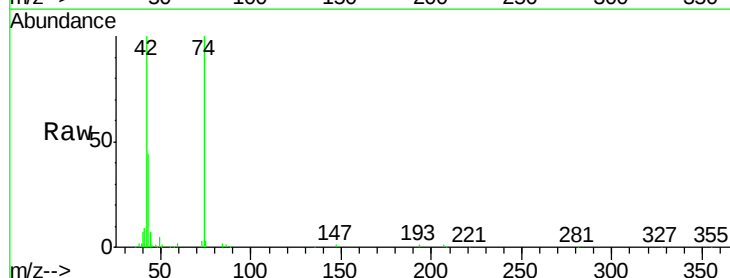
RT: 2.93 min Scan# 74

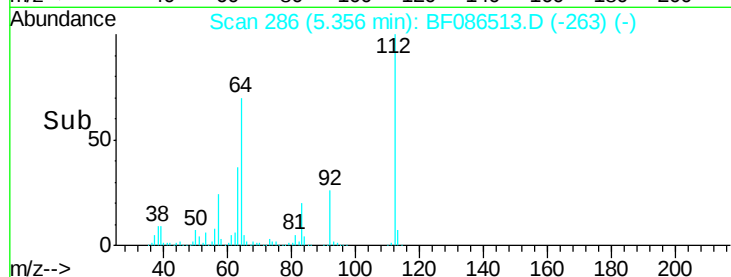
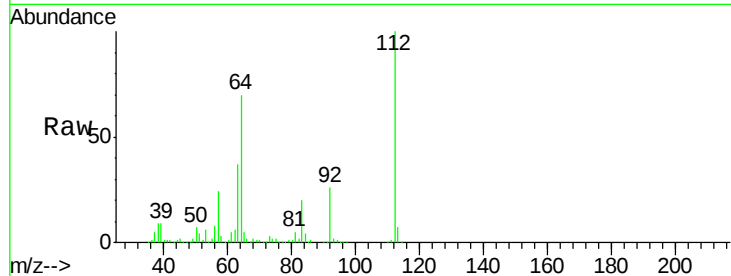
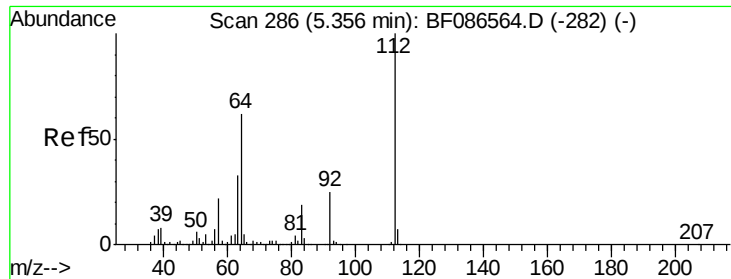
Delta R.T. -0.08 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 308723 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 99.9  | 123.4 | 185.0# |
| 44        | 7.1   | 5.8   | 8.6    |





#5

2-Fluorophenol

Concen: 86.53 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.03 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

Instrument :

BNA\_F

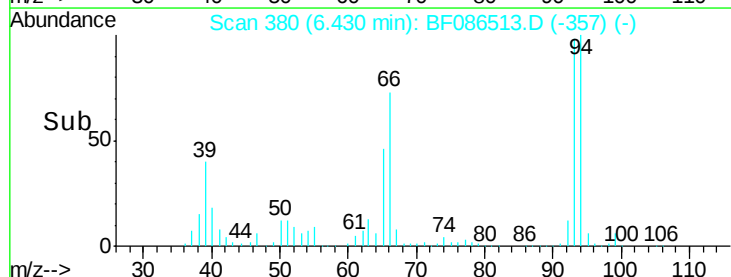
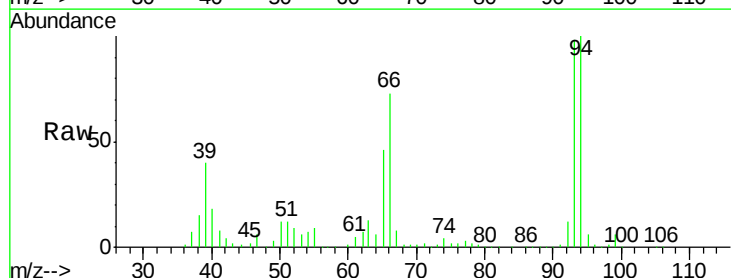
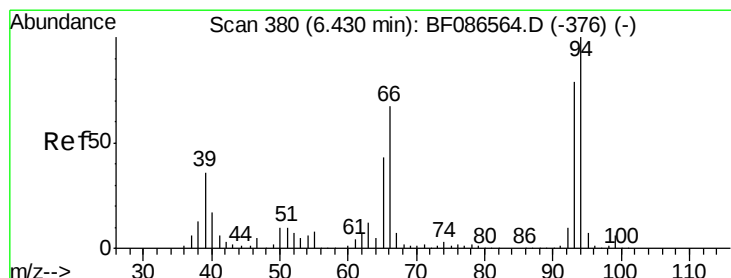
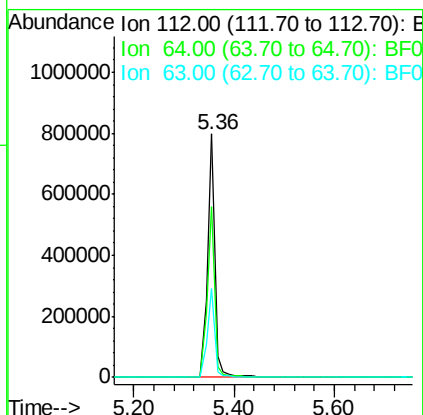
ClientSampleId :

SSTDCCC040

Manual Integrations  
APPROVED

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5/2/2016 7:52:47 PM

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 816643 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 70.1  | 52.1  | 78.1   |
| 63        | 36.5  | 25.7  | 38.5   |



#6

Aniline

Concen: 41.12 ng

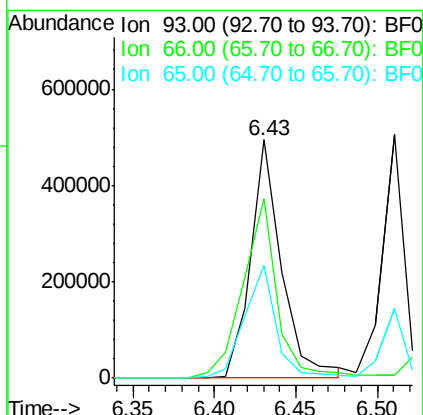
RT: 6.43 min Scan# 380

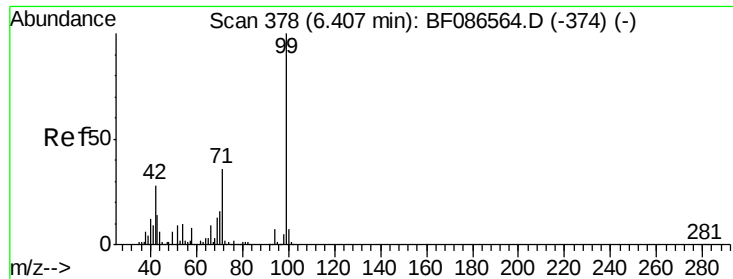
Delta R.T. -0.03 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 655359 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 75.2  | 39.0  | 58.6#  |
| 65        | 47.6  | 20.6  | 31.0#  |





#7

Phenol-d6

Concen: 84.22 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1109291

Ion Ratio Lower Upper

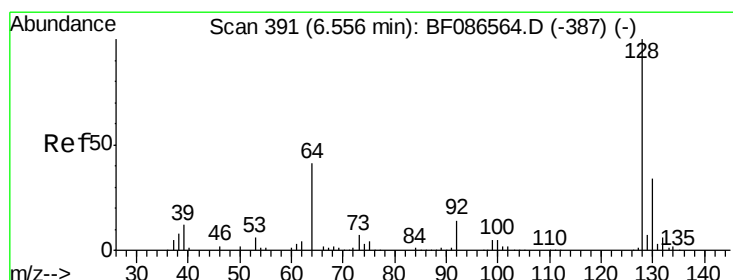
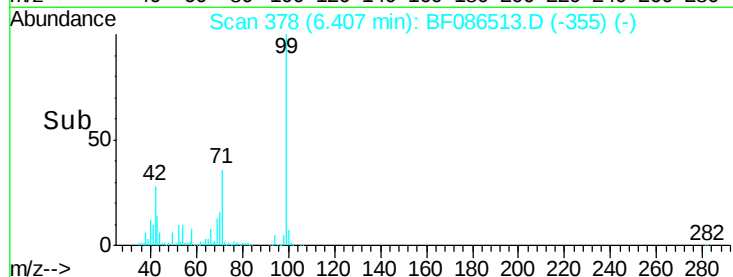
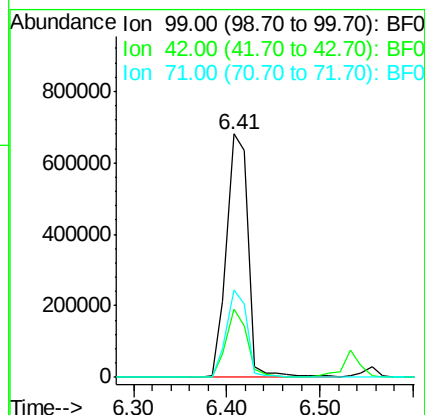
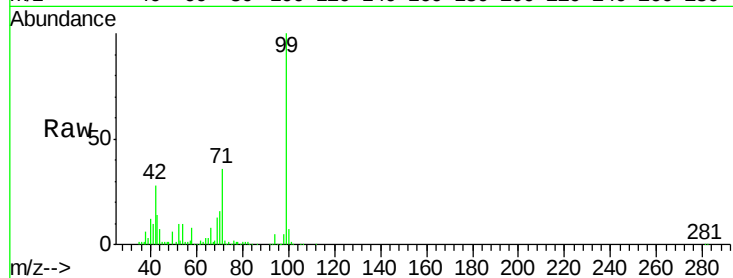
99 100

42 28.0 13.6 20.4#

71 36.0 24.6 36.8

Manual Integrations  
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#8

2-Chlorophenol

Concen: 41.62 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

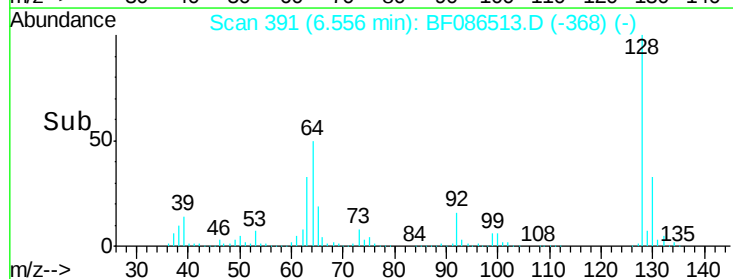
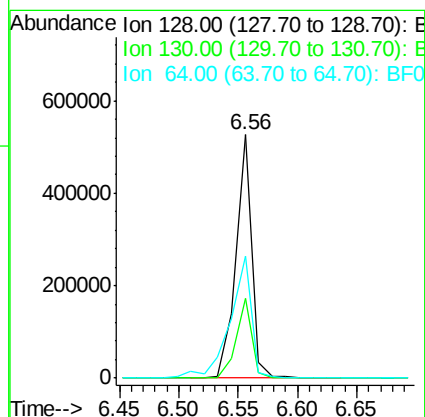
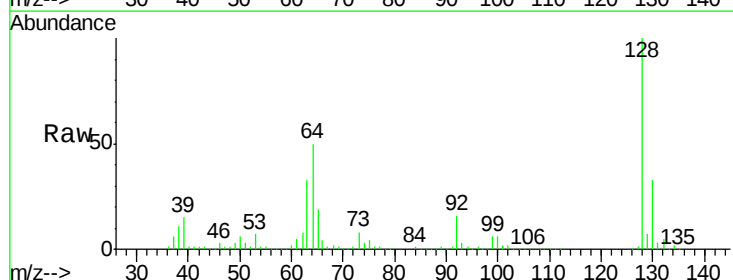
Tgt Ion: 128 Resp: 489296

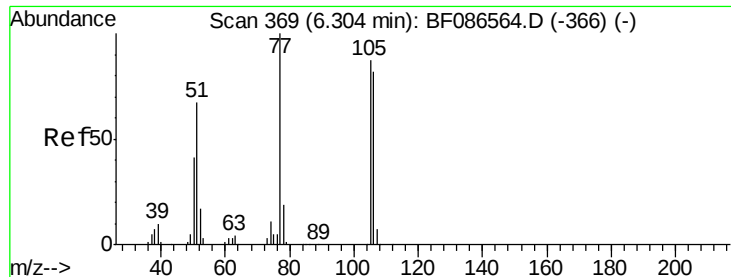
Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

64 50.0 27.3 67.3





#9

Benzaldehyde

Concen: 40.08 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF086513.D

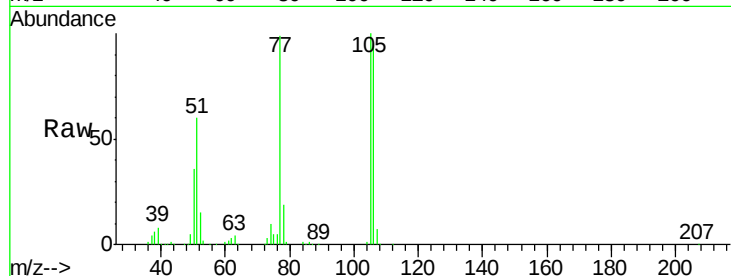
Acq: 30 Apr 2016 9:48

Instrument :

BNA\_F

ClientSampleId :

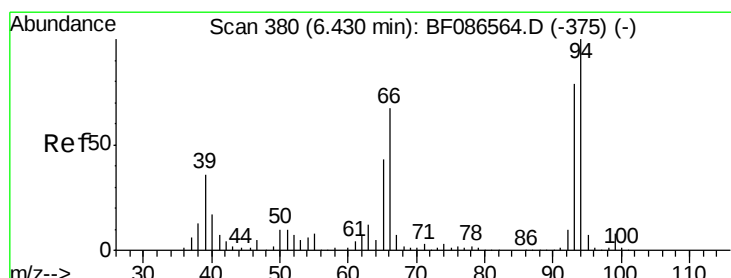
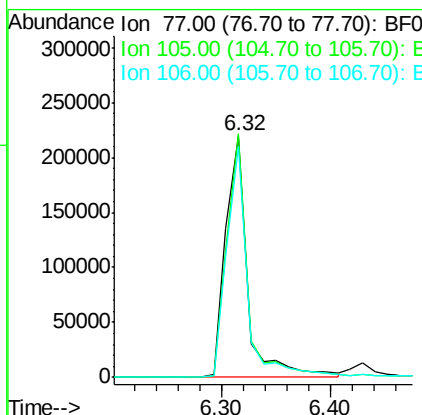
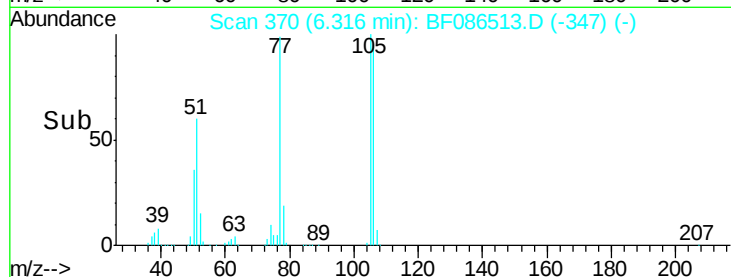
SSTDCCC040



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 307139 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 100.8 | 72.7  | 112.7  |
| 106      | 95.8  | 70.8  | 110.8  |

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#10

Phenol

Concen: 41.23 ng

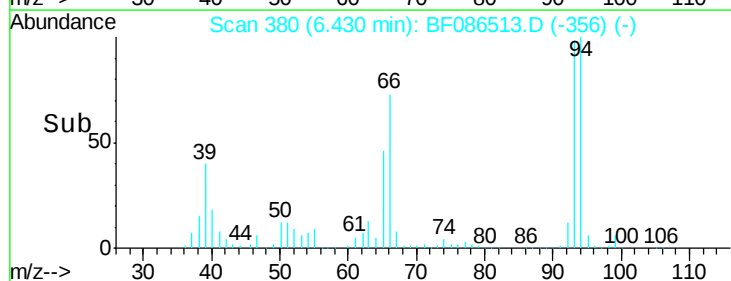
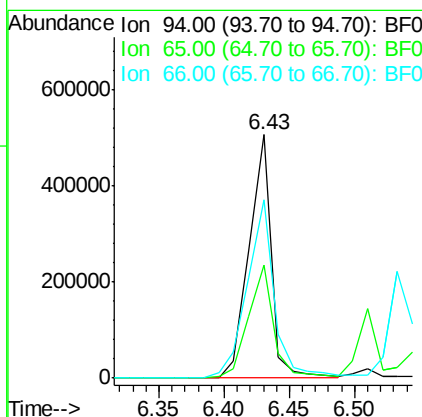
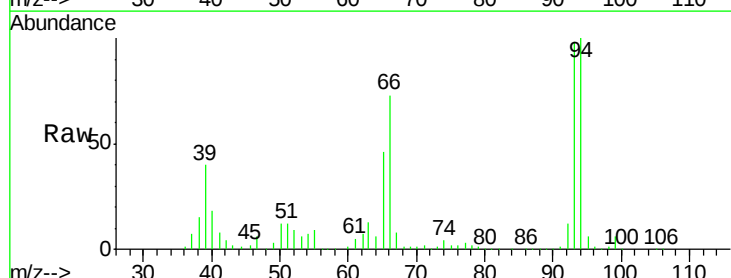
RT: 6.43 min Scan# 380

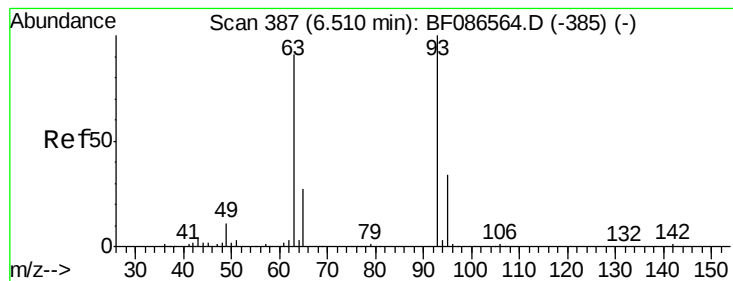
Delta R.T. -0.02 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 605874 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 46.5  | 7.2   | 47.2   |
| 66       | 73.5  | 14.9  | 54.9#  |





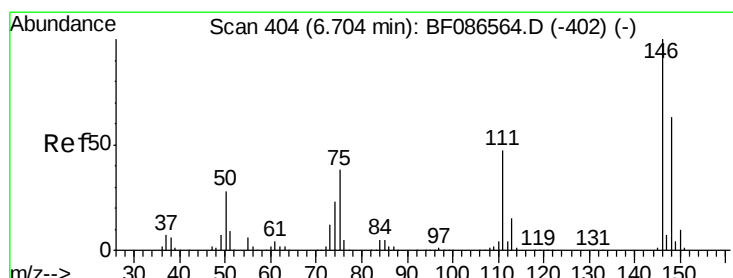
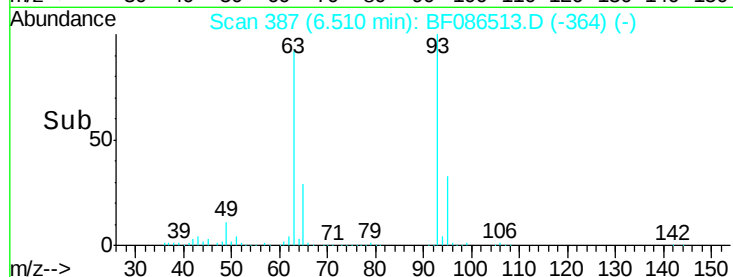
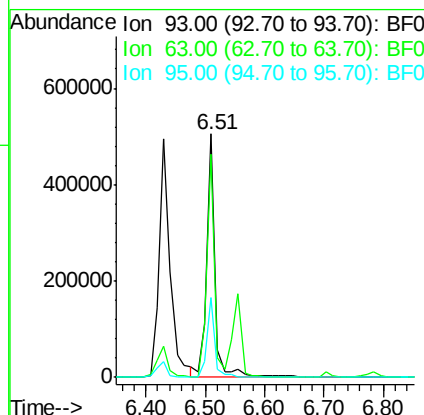
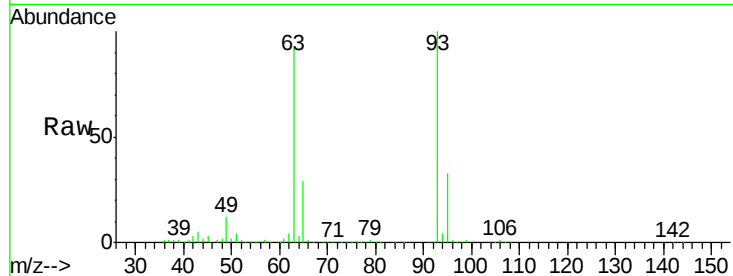
#11  
bis(2-Chloroethyl)ether  
Concen: 40.14 ng  
RT: 6.51 min Scan# 387  
Delta R.T. -0.03 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 509931 |       |       |
| 63      | 91.7  | 58.0   | 98.0  |       |
| 95      | 32.5  | 11.9   | 51.9  |       |

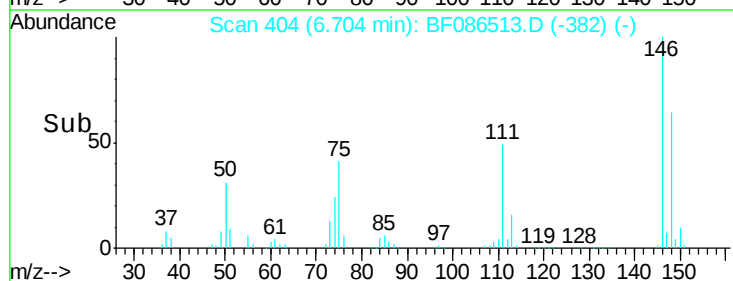
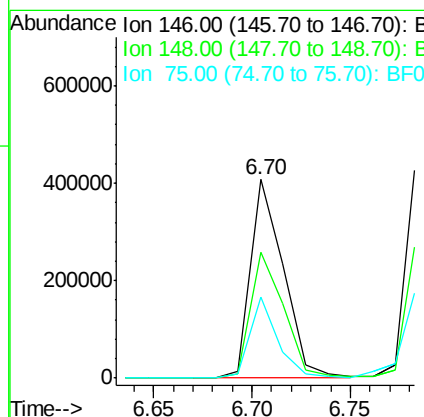
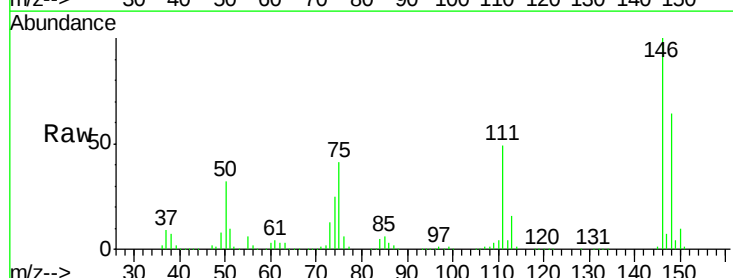
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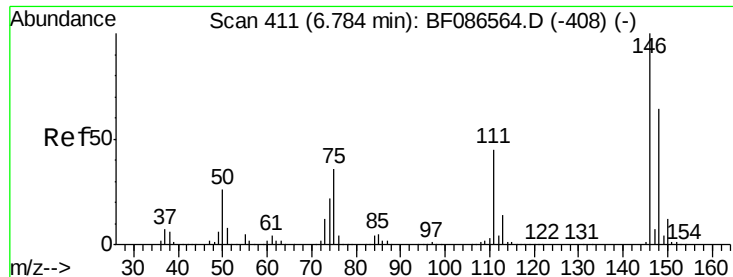
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#12  
1,3-Dichlorobenzene  
Concen: 37.82 ng m  
RT: 6.70 min Scan# 404  
Delta R.T. -0.05 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 478239 |       |       |
| 148     | 63.6  | 52.4   | 78.6  |       |
| 75      | 40.8  | 22.8   | 34.2# |       |





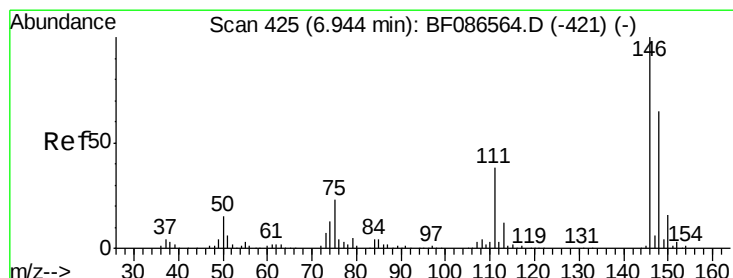
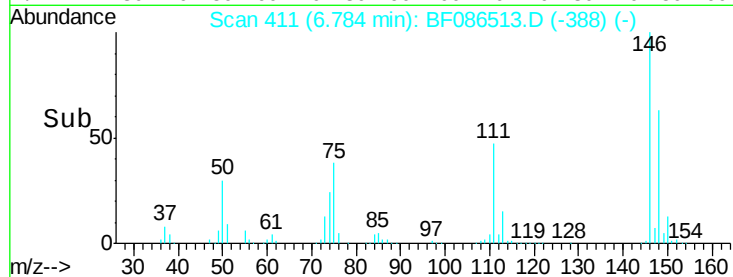
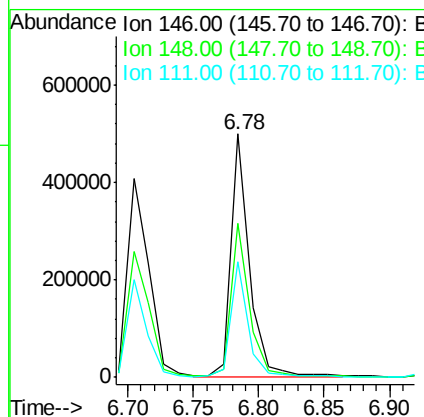
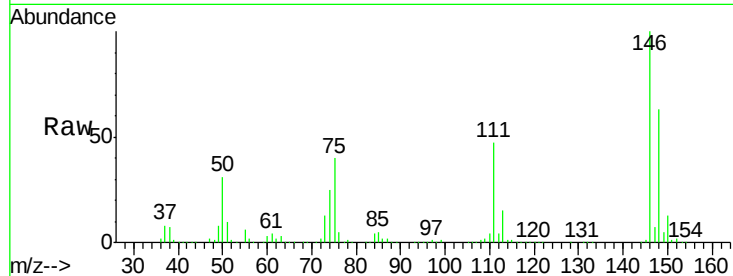
#13  
 1,4-Dichlorobenzene  
 Concen: 38.30 ng m  
 RT: 6.78 min Scan# 411  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 499682 |       |       |
| 148     | 63.3  | 52.2   | 78.4  |       |
| 111     | 47.3  | 30.7   | 46.1  |       |

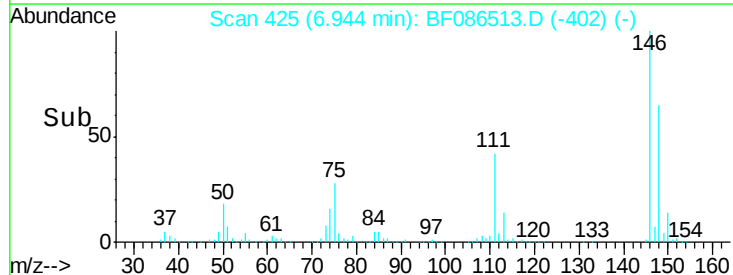
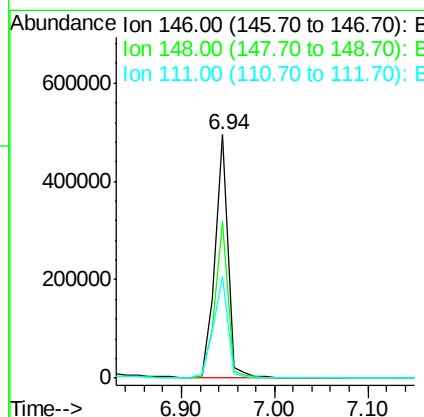
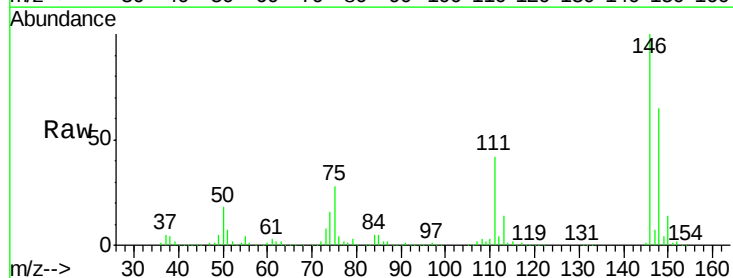
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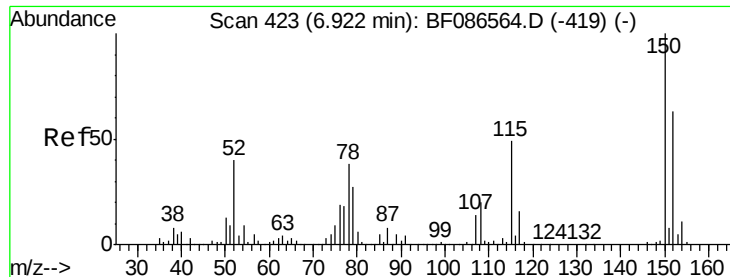
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#14  
 1,2-Dichlorobenzene  
 Concen: 39.89 ng  
 RT: 6.94 min Scan# 425  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 477273 |       |       |
| 148     | 64.6  | 51.0   | 76.6  |       |
| 111     | 42.0  | 36.2   | 54.4  |       |





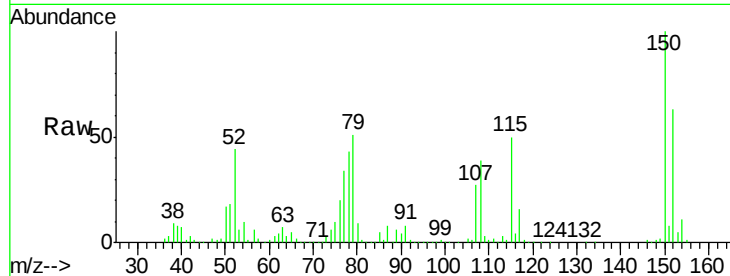
#15  
Benzyl Alcohol  
Concen: 45.31 ng  
RT: 6.92 min Scan# 423  
Delta R.T. -0.03 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

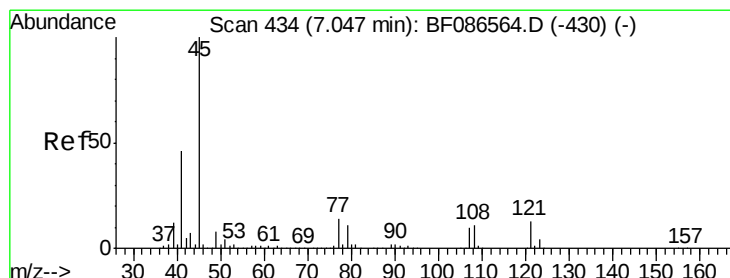
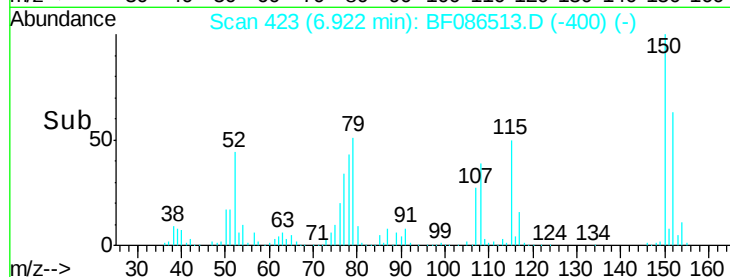
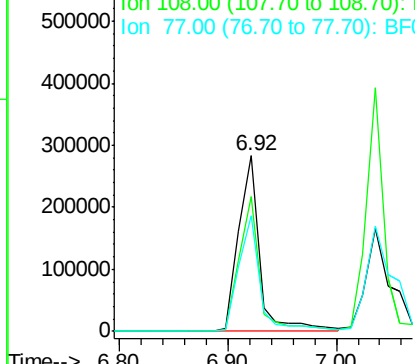
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 77.0  | 68.4  | 102.6 |
| 77      | 66.1  | 50.6  | 76.0  |

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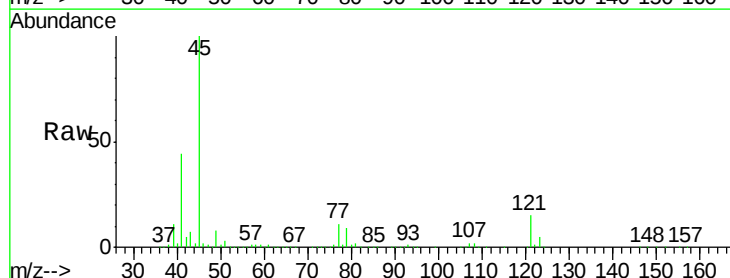


Abundance Ion 79.00 (78.70 to 79.70): BF0  
Ion 108.00 (107.70 to 108.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0

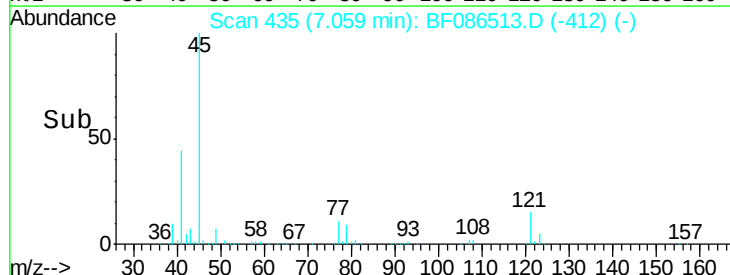
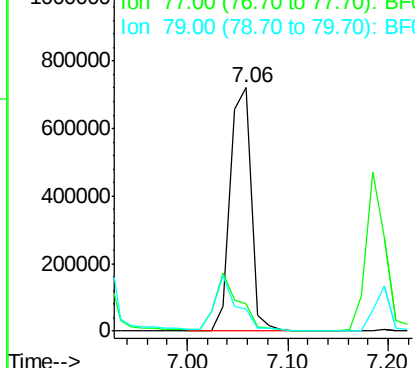


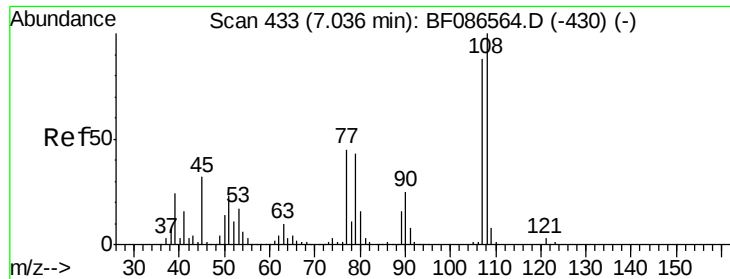
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.28 ng  
RT: 7.06 min Scan# 435  
Delta R.T. -0.03 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 11.2  | 0.0   | 36.4  |
| 79      | 9.1   | 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





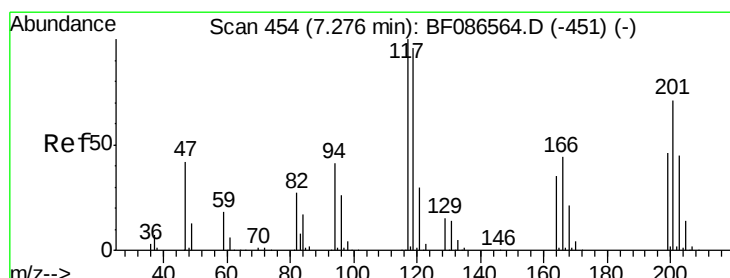
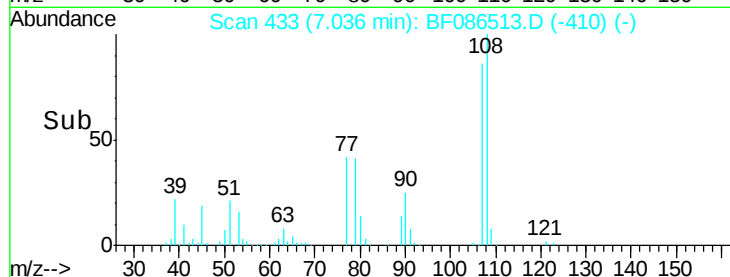
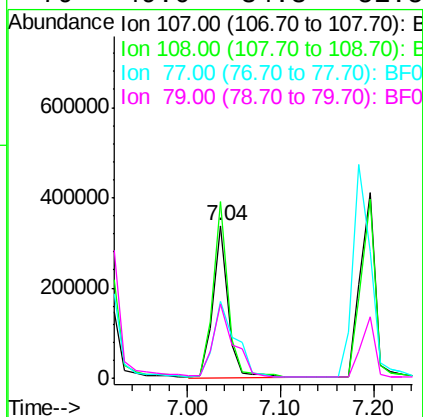
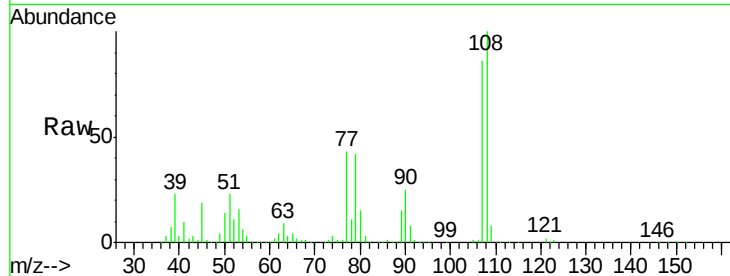
#17  
2-Methylphenol  
Concen: 40.07 ng  
RT: 7.04 min Scan# 433  
Delta R.T. -0.03 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 380751 |       |       |
| 108     | 116.2 | 93.7   | 140.5 |       |
| 77      | 50.4  | 33.4   | 50.0# |       |
| 79      | 49.0  | 34.3   | 51.5  |       |

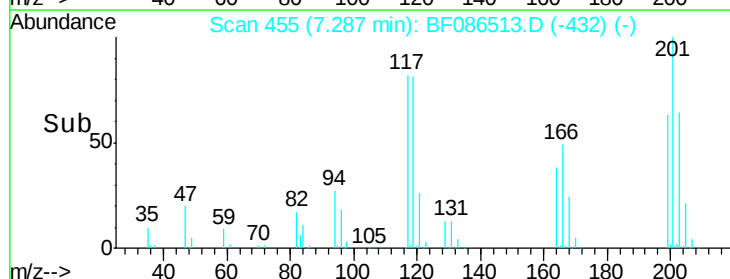
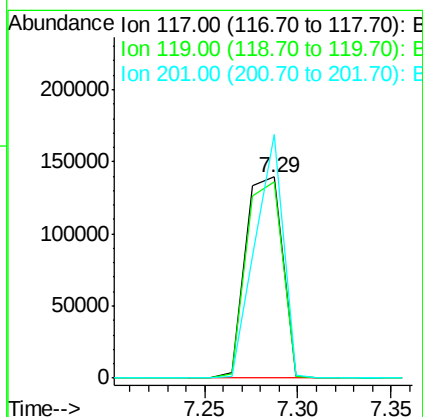
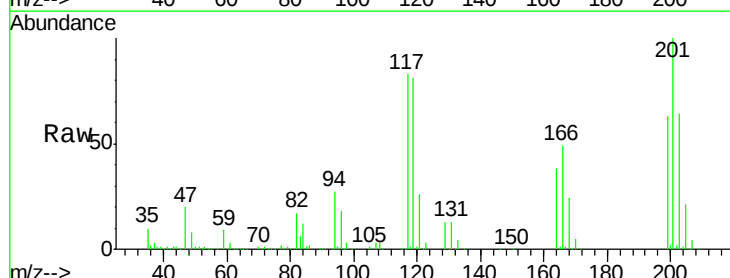
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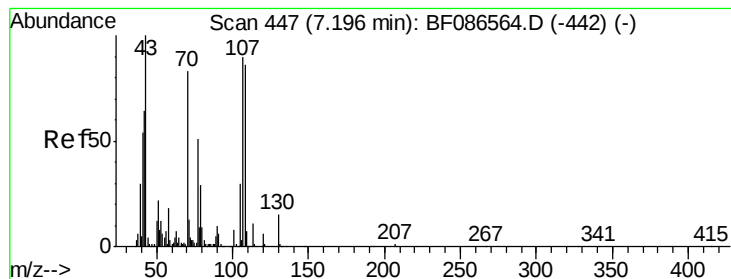
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#18  
Hexachloroethane  
Concen: 39.08 ng  
RT: 7.29 min Scan# 455  
Delta R.T. -0.03 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 190491 |       |       |
| 119     | 97.6  | 76.5   | 114.7 |       |
| 201     | 121.0 | 63.0   | 94.6# |       |





#19

n-Nitroso-di-n-propylamine

Concen: 40.37 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

Instrument :

BNA\_F

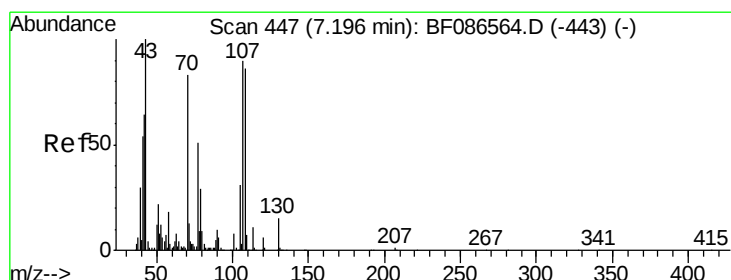
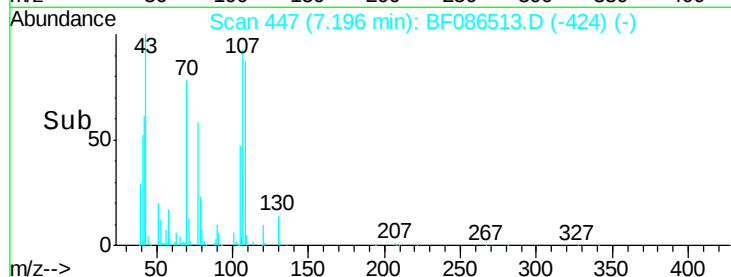
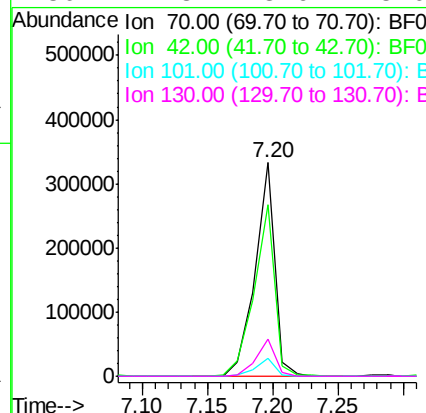
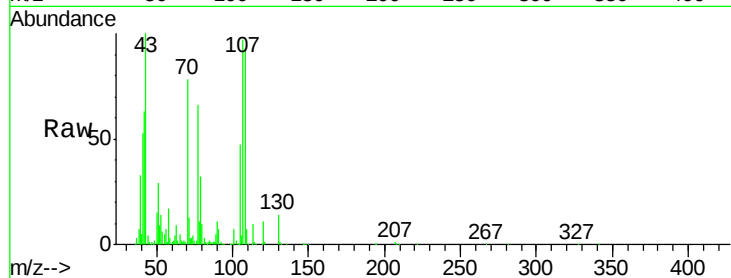
ClientSampleId :

SSTDCCC040

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| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 70      | 100   |      |       |       |
| 42      | 80.1  | 43.1 | 64.7# |       |
| 101     | 8.5   | 8.1  | 12.1  |       |
| 130     | 17.3  | 18.6 | 28.0# |       |



#20

3+4-Methylphenols

Concen: 43.40 ng

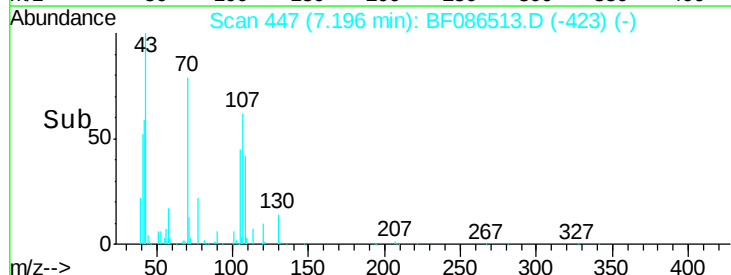
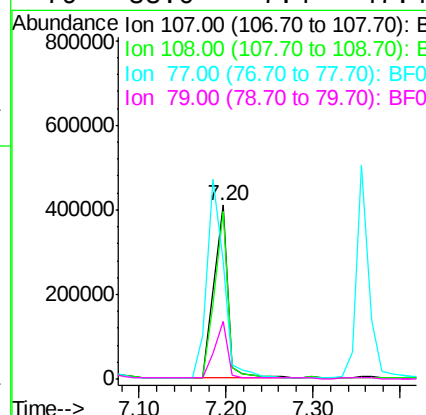
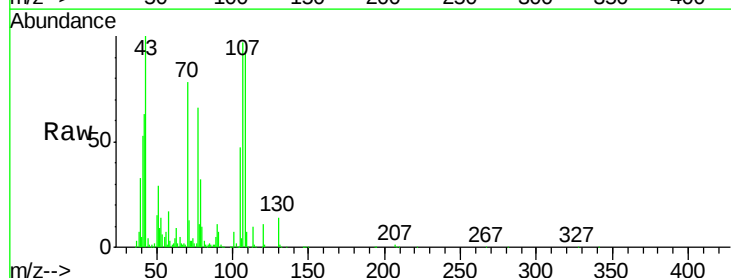
RT: 7.20 min Scan# 447

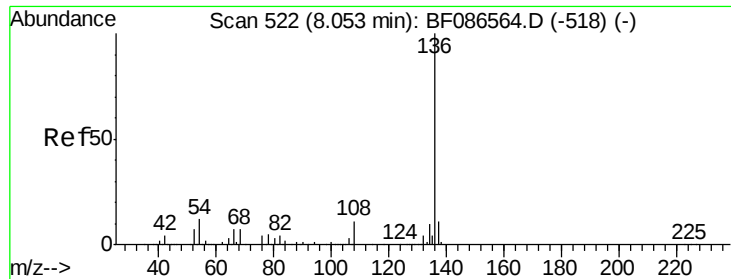
Delta R.T. -0.02 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 107     | 100   |       |        |       |
| 108     | 96.3  | 68.5  | 108.5  |       |
| 77      | 67.9  | 101.6 | 141.6# |       |
| 79      | 33.0  | 7.4   | 47.4   |       |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.05 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

Instrument :

BNA\_F

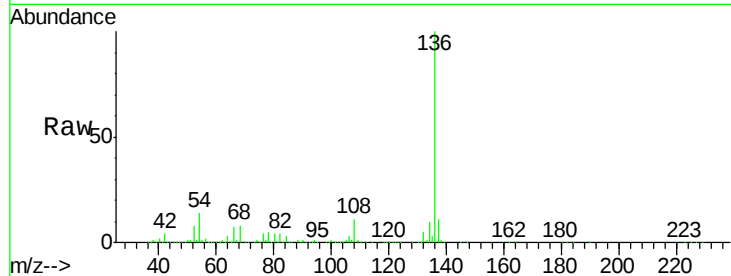
ClientSampleId :

SSTDCCC040

| Tgt | Ion  | Ratio | Resp   | Lower | Upper |
|-----|------|-------|--------|-------|-------|
| 136 | 100  |       | 689073 |       |       |
| 137 | 11.1 | 8.8   | 13.2   |       |       |
| 54  | 14.0 | 5.0   | 7.4#   |       |       |
| 68  | 8.3  | 4.4   | 6.6#   |       |       |

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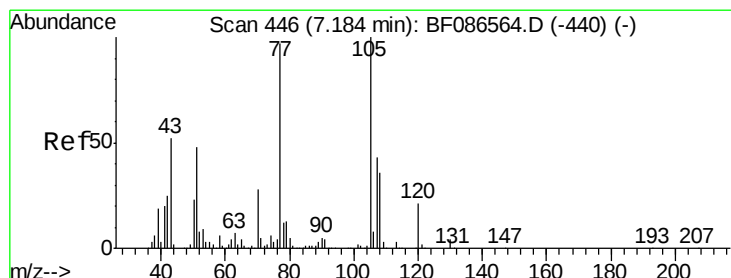
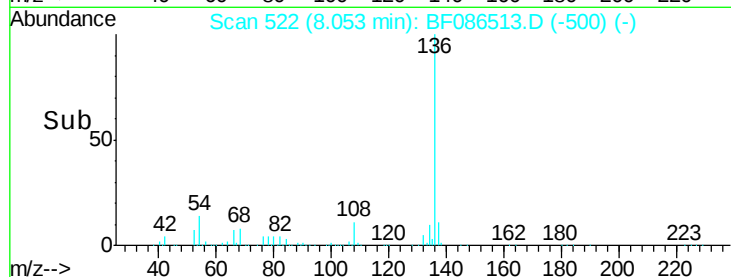
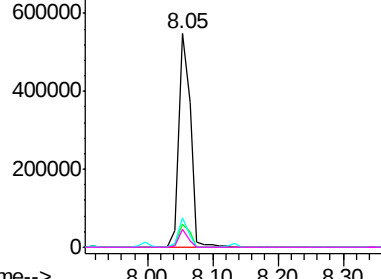
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.20 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

| Tgt | Ion  | Ratio | Resp   | Lower | Upper |
|-----|------|-------|--------|-------|-------|
| 105 | 100  |       | 607443 |       |       |
| 71  | 4.5  | 4.8   | 7.2#   |       |       |
| 51  | 50.3 | 32.6  | 49.0#  |       |       |
| 120 | 20.5 | 16.5  | 24.7   |       |       |

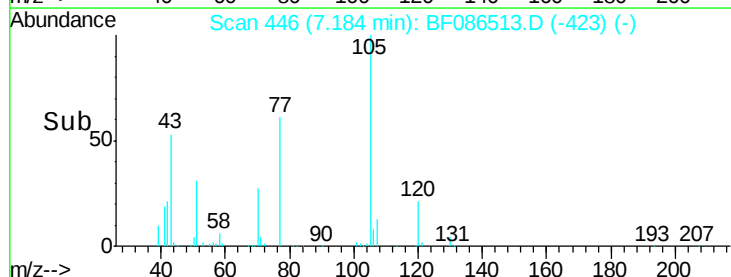
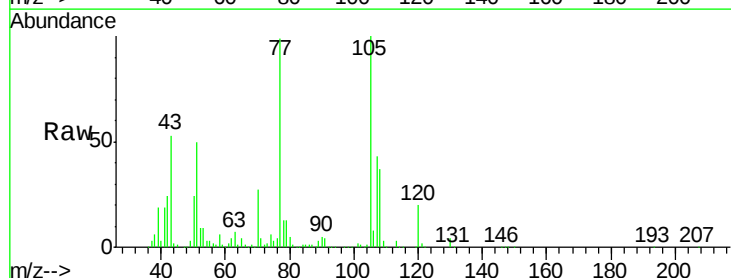
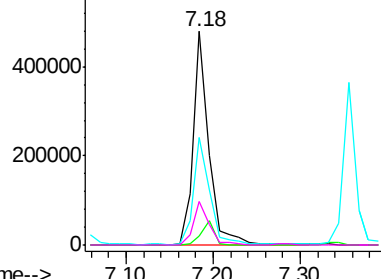
Abundance

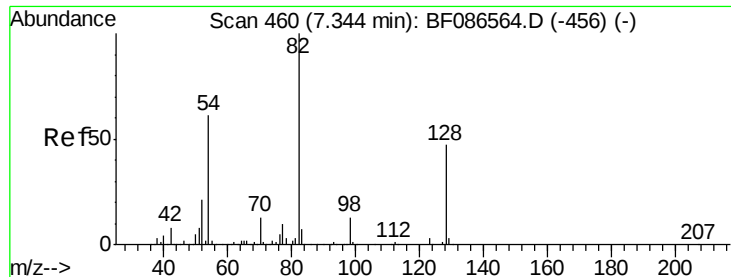
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





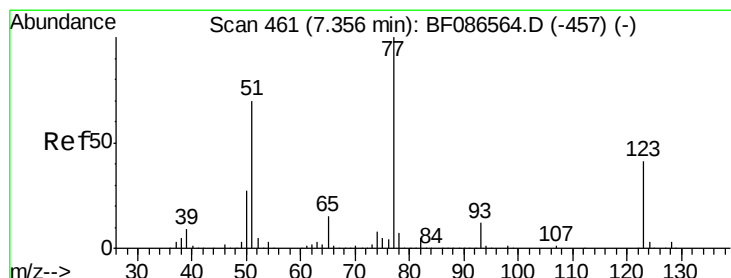
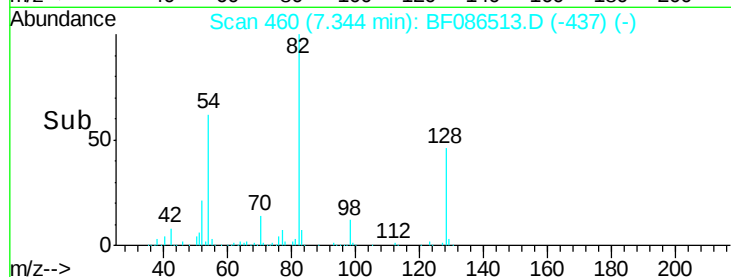
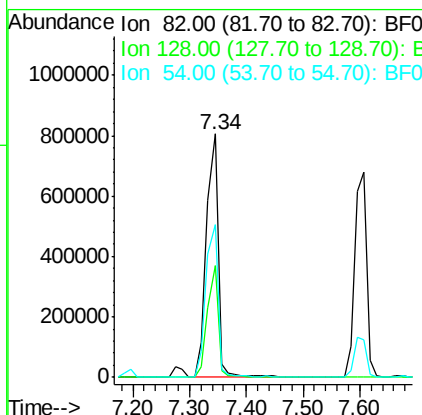
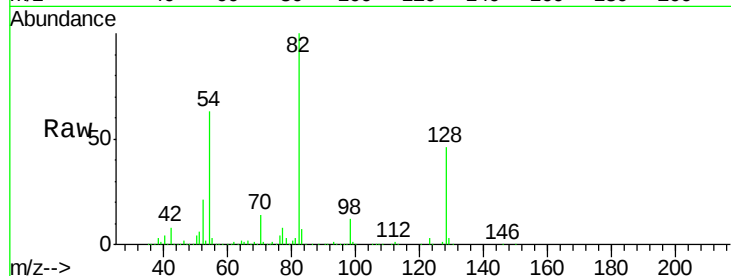
#23  
Nitrobenzene-d5  
Concen: 87.49 ng  
RT: 7.34 min Scan# 460  
Delta R.T. -0.03 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 1118485  
Ion Ratio Lower Upper  
82 100  
128 45.9 40.6 61.0  
54 62.6 38.1 57.1#

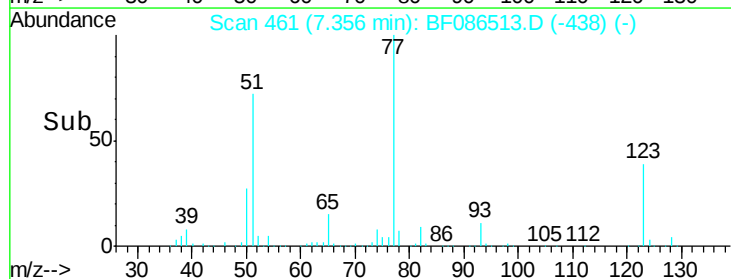
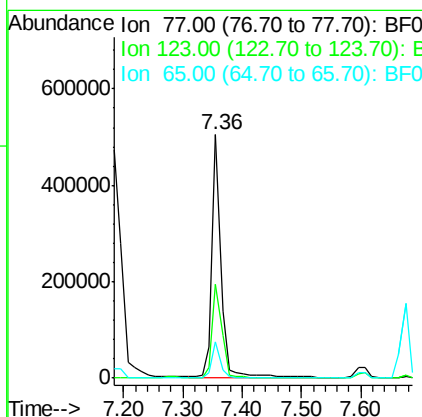
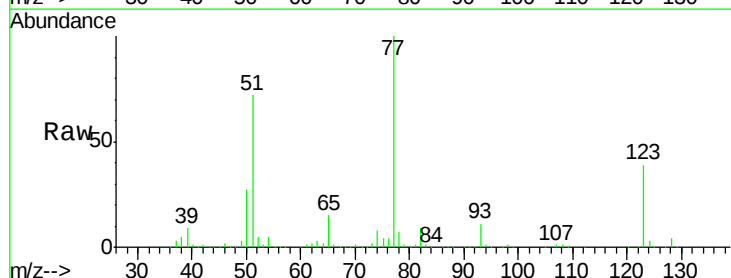
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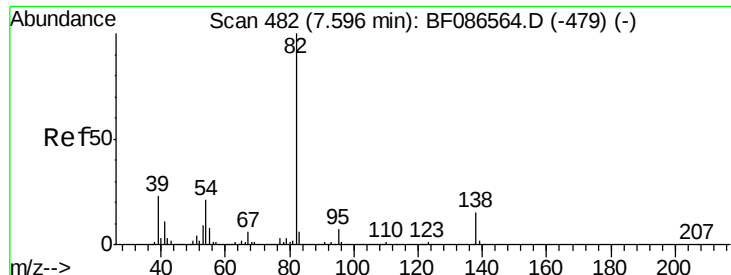
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#24  
Nitrobenzene  
Concen: 39.80 ng  
RT: 7.36 min Scan# 461  
Delta R.T. -0.03 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

Tgt Ion: 77 Resp: 523331  
Ion Ratio Lower Upper  
77 100  
123 38.6 33.0 49.4  
65 14.8 10.8 16.2





#25

Isophorone

Concen: 40.65 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.03 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1000153

Ion Ratio Lower Upper

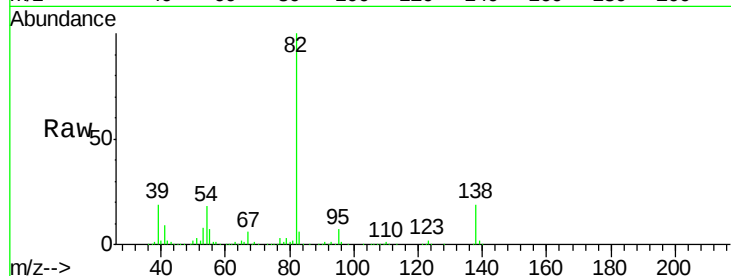
82 100

95 7.1 5.1 7.7

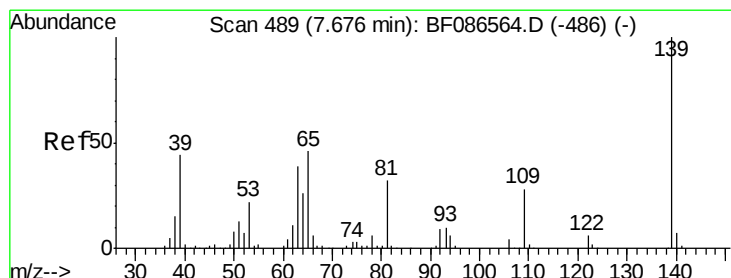
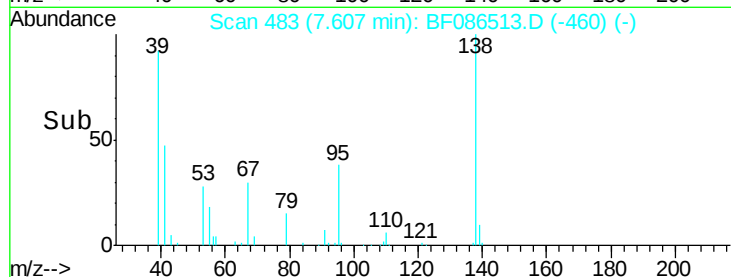
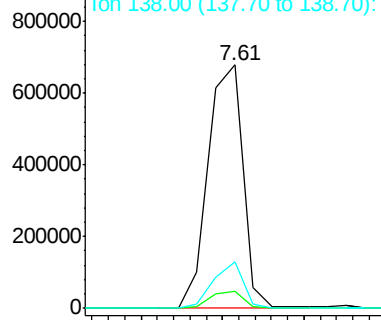
138 18.9 12.4 18.6#

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Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.65 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.03 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

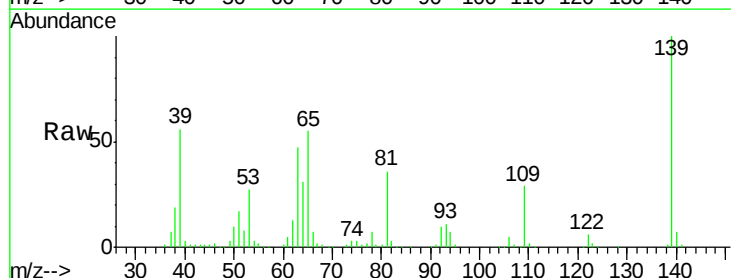
Tgt Ion: 139 Resp: 276437

Ion Ratio Lower Upper

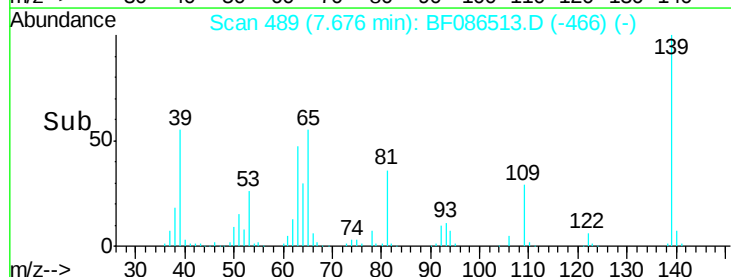
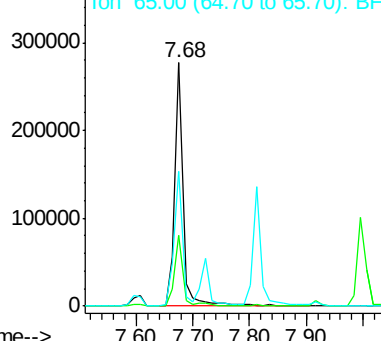
139 100

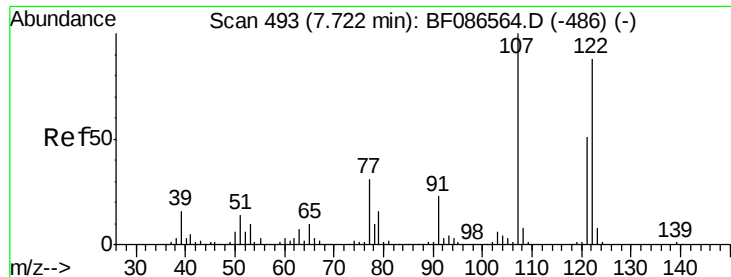
109 29.0 19.5 29.3

65 55.4 37.5 56.3



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





#27

2,4-Dimethylphenol

Concen: 42.97 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

Instrument :

BNA\_F

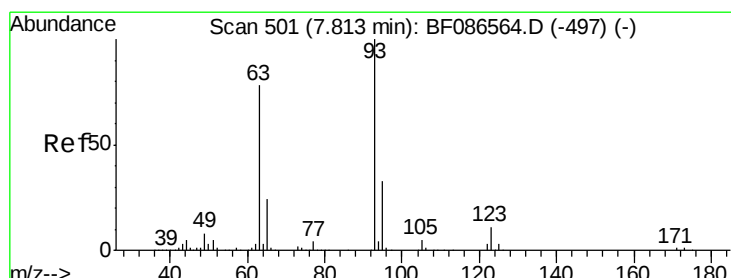
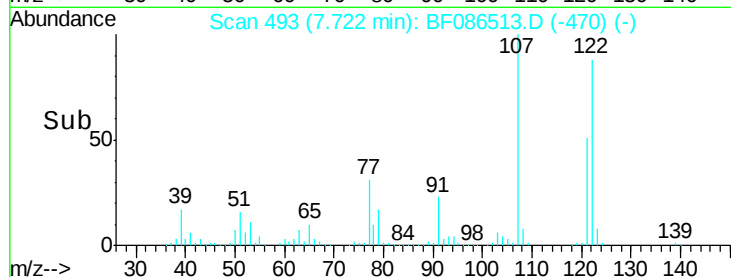
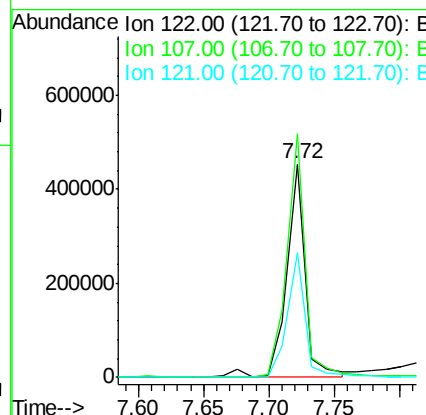
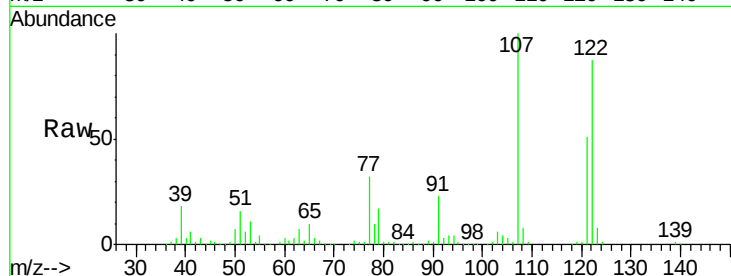
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 456555 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 114.3 | 82.0  | 123.0  |
| 121       | 58.5  | 46.1  | 69.1   |

Manual Integrations  
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#28

bis(2-Chloroethoxy)methane

Concen: 40.30 ng

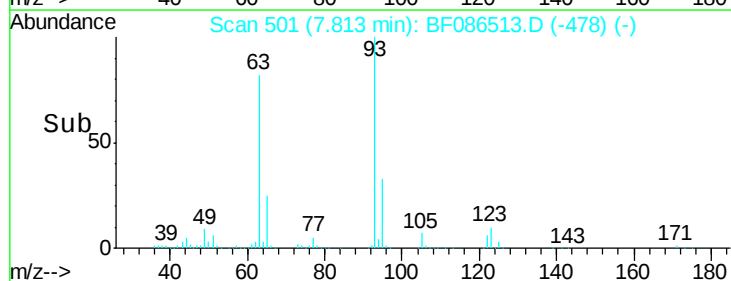
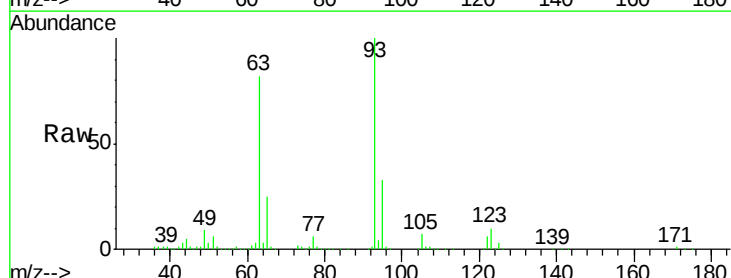
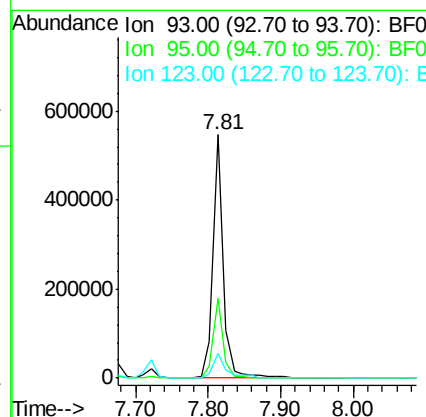
RT: 7.81 min Scan# 501

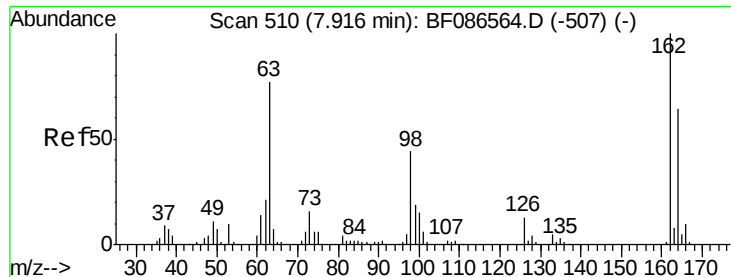
Delta R.T. -0.03 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 540186 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.7  | 26.0  | 39.0   |
| 123       | 9.9   | 9.5   | 14.3   |





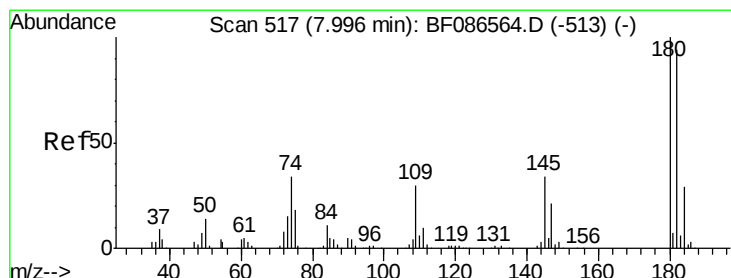
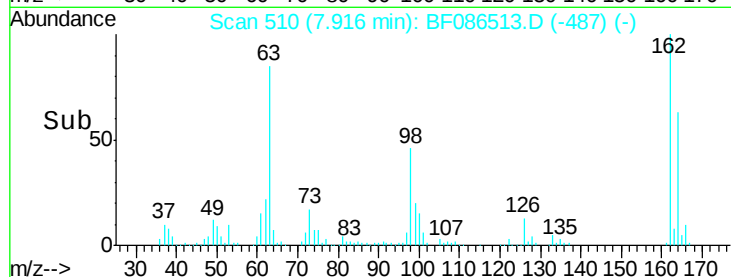
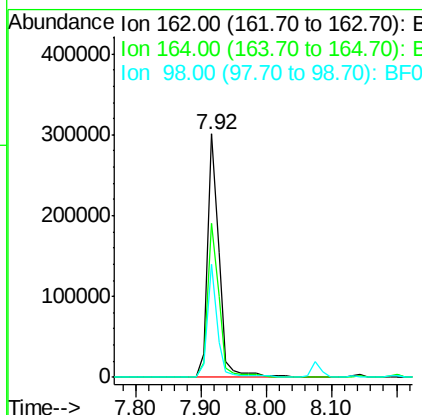
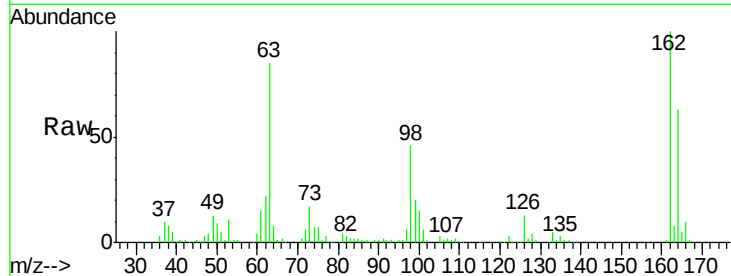
#29  
 2,4-Dichlorophenol  
 Concen: 41.49 ng  
 RT: 7.92 min Scan# 510  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 63.4  | 42.2       | 82.2       |
| 98      | 46.4  | 19.0       | 59.0       |

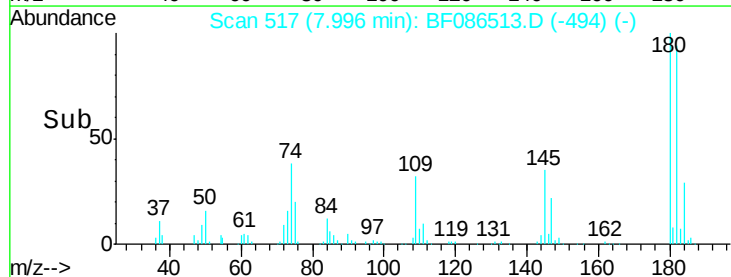
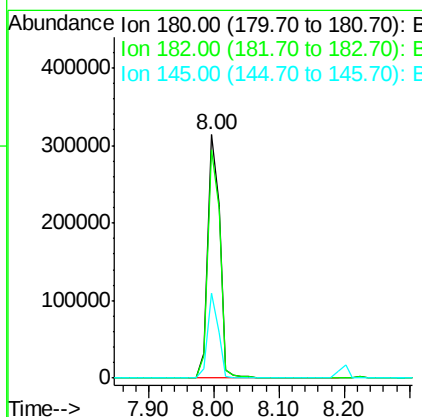
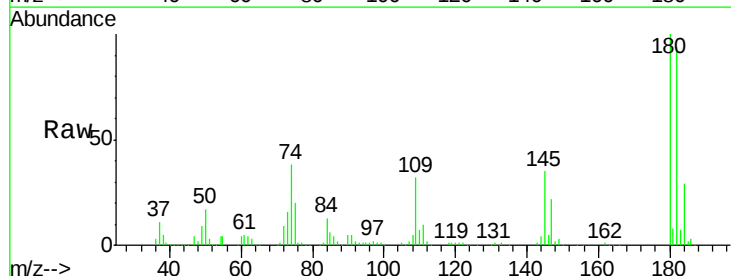
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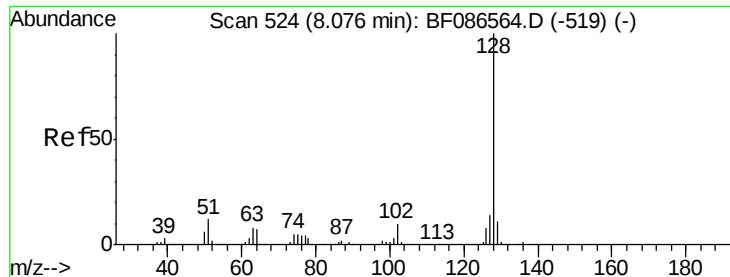
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.31 ng  
 RT: 8.00 min Scan# 517  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 93.5  | 78.0       | 117.0      |
| 145     | 34.8  | 24.2       | 36.2       |





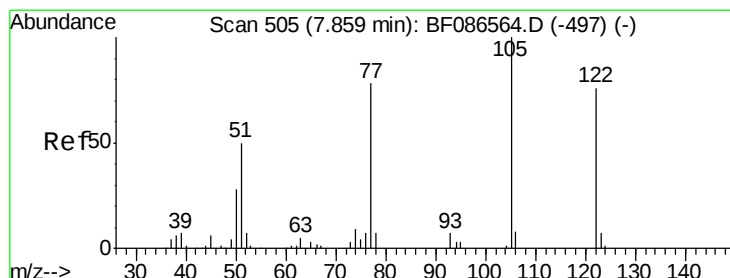
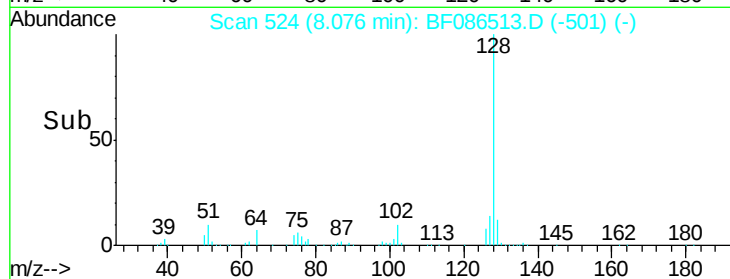
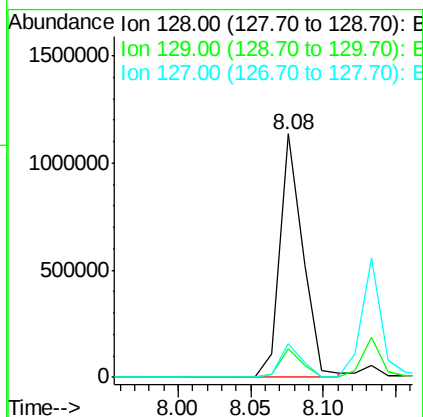
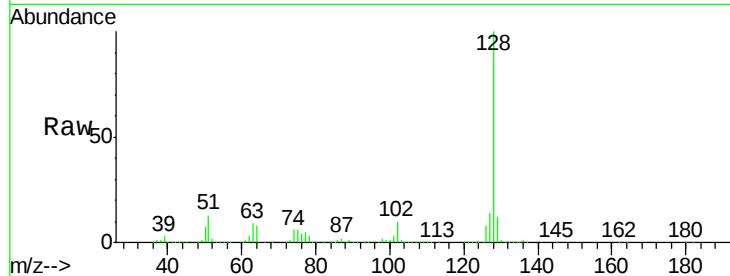
#31  
Naphthalene  
Concen: 35.68 ng  
RT: 8.08 min Scan# 524  
Delta R.T. -0.03 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.8  | 8.6   | 13.0  |
| 127     | 13.6  | 10.8  | 16.2  |

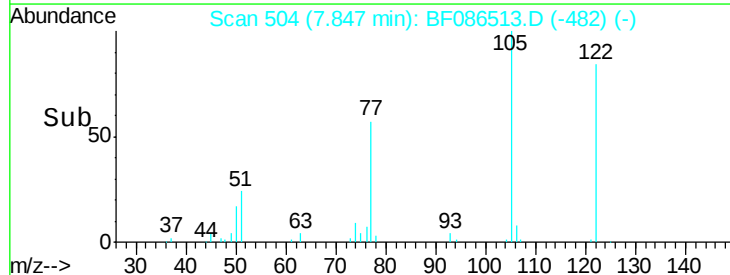
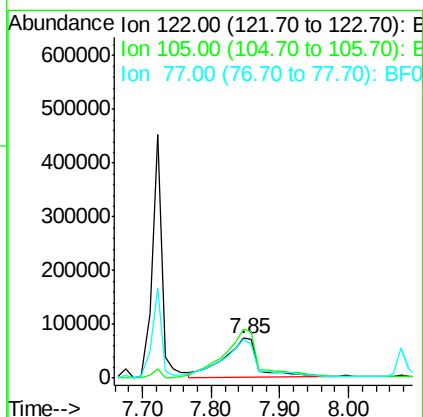
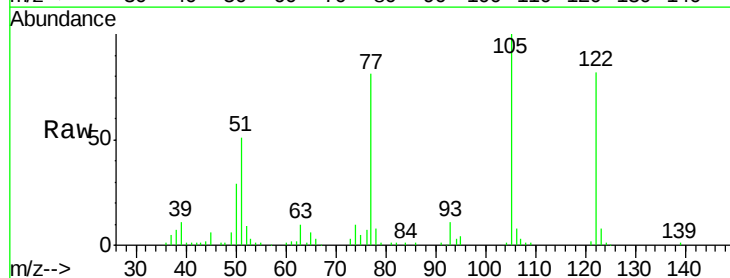
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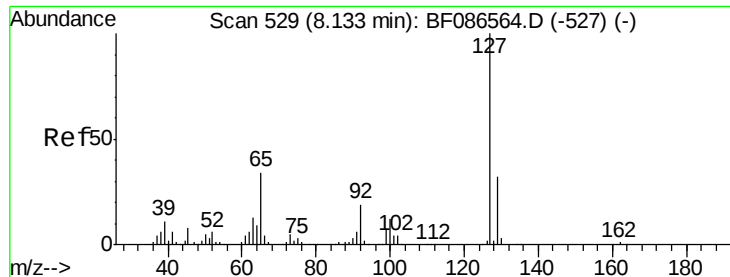
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#32  
Benzoic acid  
Concen: 41.29 ng  
RT: 7.85 min Scan# 504  
Delta R.T. -0.04 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 121.9 | 92.6  | 132.6 |
| 77      | 98.7  | 60.0  | 100.0 |





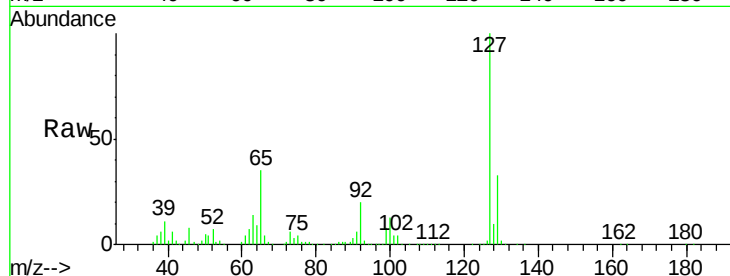
#33  
 4-Chloroaniline  
 Concen: 43.98 ng  
 RT: 8.13 min Scan# 529  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

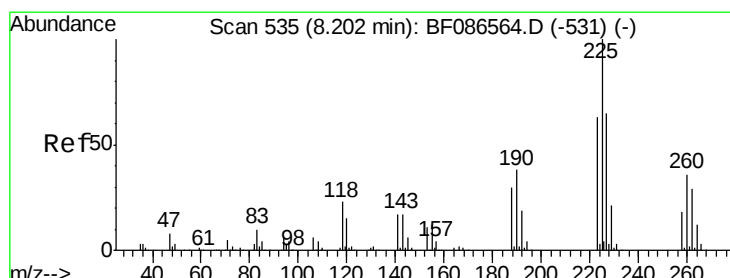
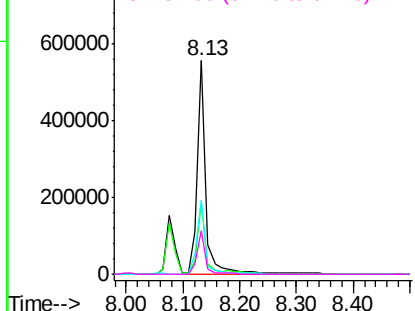
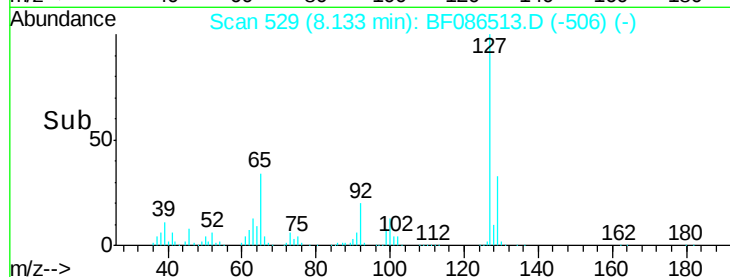
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 577499 |       |       |
| 129     | 33.5  | 26.2   | 39.4  |       |
| 65      | 34.8  | 23.0   | 34.4  |       |
| 92      | 20.2  | 15.1   | 22.7  |       |

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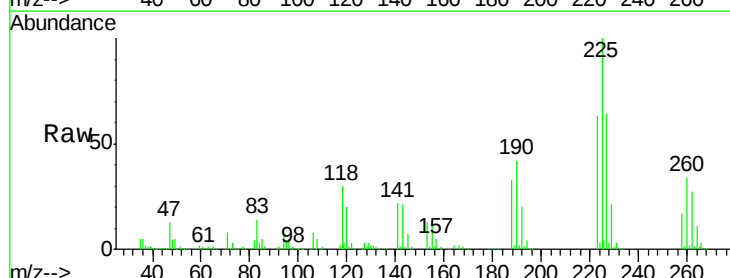


Abundance Ion 127.00 (126.70 to 127.70): E  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 65.00 (64.70 to 65.70): BF0  
 Ion 92.00 (91.70 to 92.70): BF0

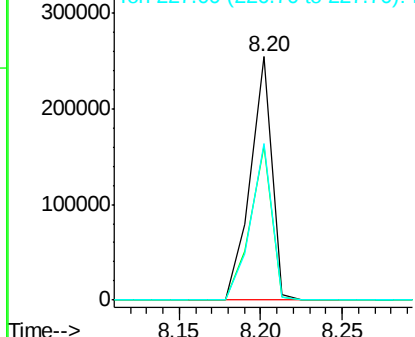
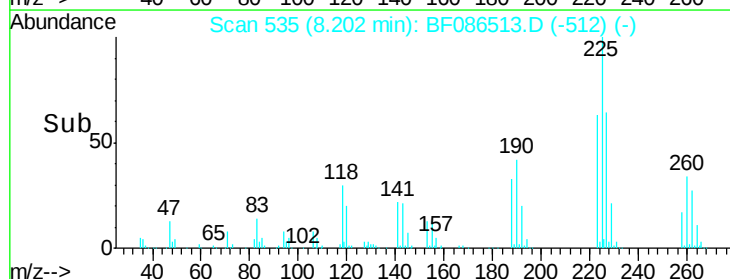


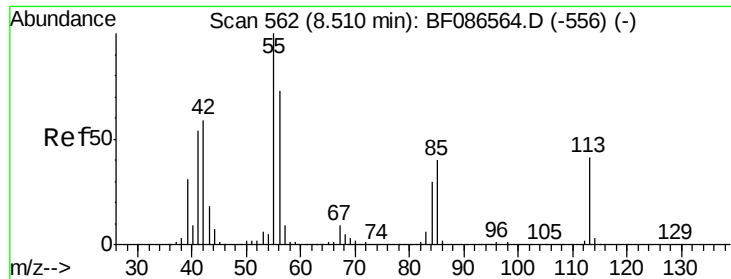
#34  
 Hexachlorobutadiene  
 Concen: 40.17 ng  
 RT: 8.20 min Scan# 535  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 234147 |       |       |
| 223     | 63.1  | 51.5   | 77.3  |       |
| 227     | 64.2  | 52.2   | 78.2  |       |



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





#35

Caprolactam

Concen: 46.46 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.03 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 138927  
Ion Ratio Lower Upper

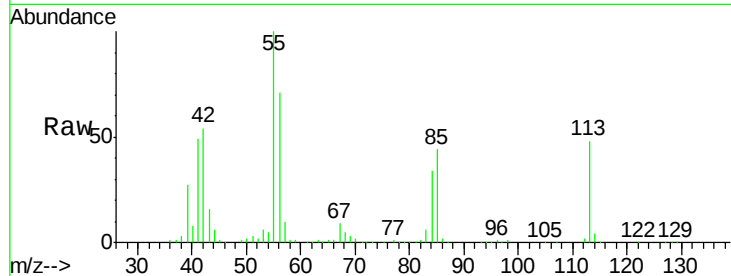
113 100

55 209.3 162.0 202.0#

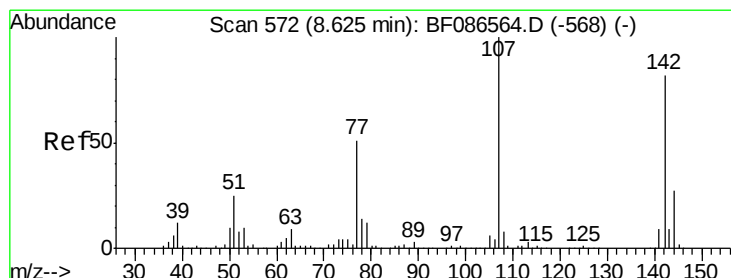
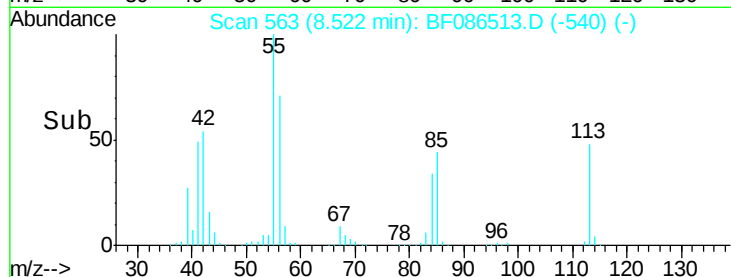
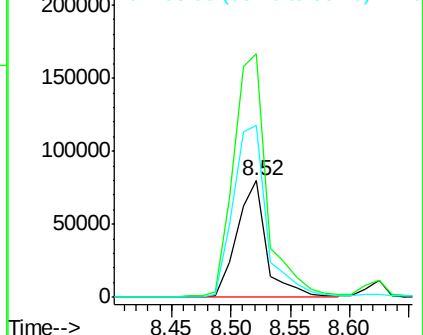
56 148.3 115.3 155.3

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Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF0  
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.22 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF086513.D

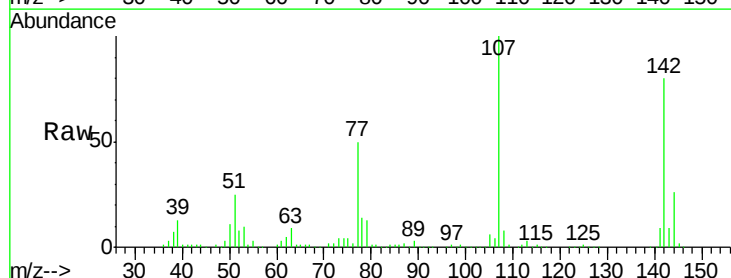
Acq: 30 Apr 2016 9:48

Tgt Ion:107 Resp: 464106  
Ion Ratio Lower Upper

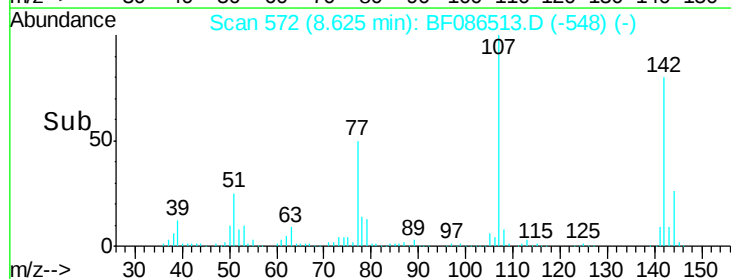
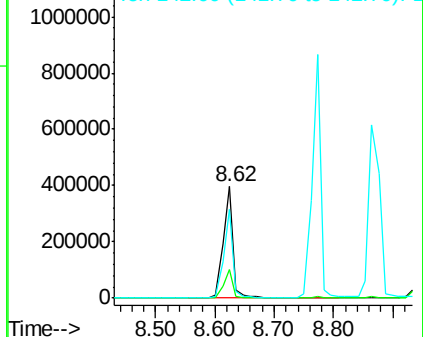
107 100

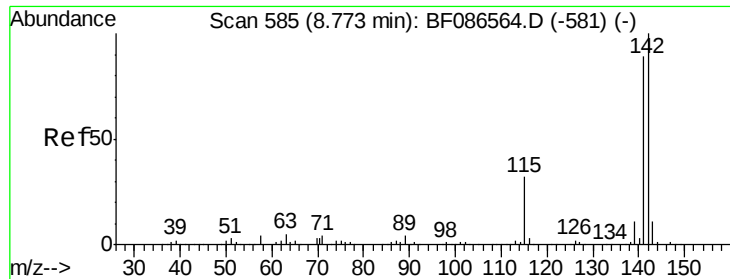
144 26.1 20.7 31.1

142 79.9 63.2 94.8



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E





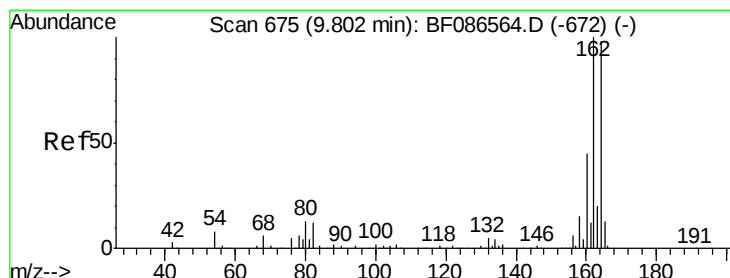
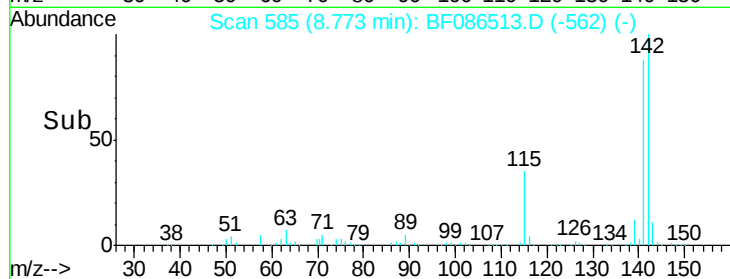
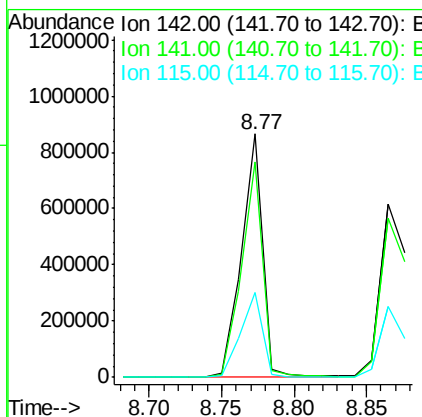
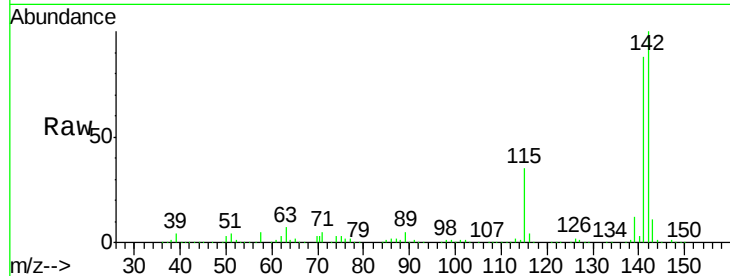
#37  
 2-Methylnaphthalene  
 Concen: 42.45 ng  
 RT: 8.77 min Scan# 585  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 878363 |       |       |
| 141     | 88.4  | 71.0   | 106.6 |       |
| 115     | 34.8  | 26.6   | 39.8  |       |

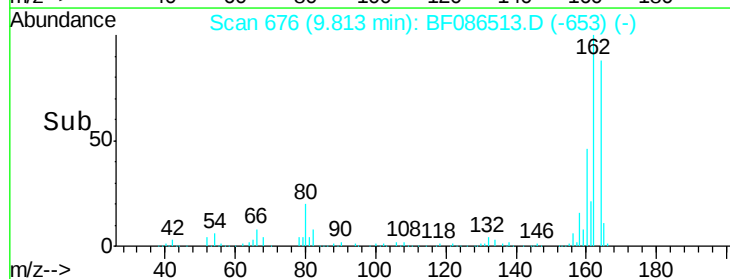
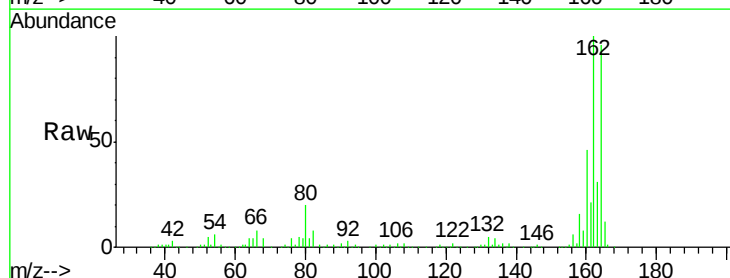
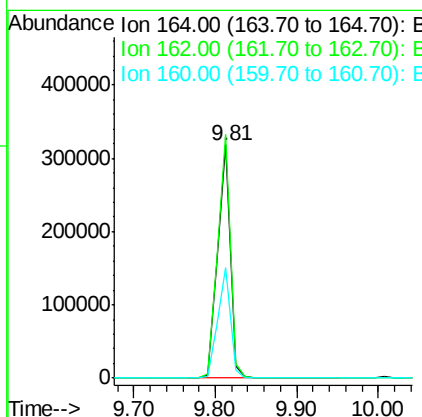
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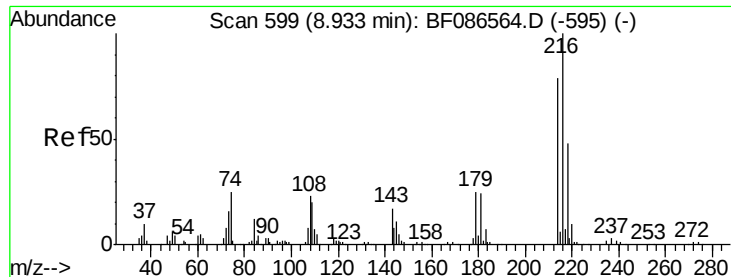
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#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.81 min Scan# 676  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 343146 |       |       |
| 162     | 104.4 | 82.8   | 124.2 |       |
| 160     | 47.6  | 36.9   | 55.3  |       |





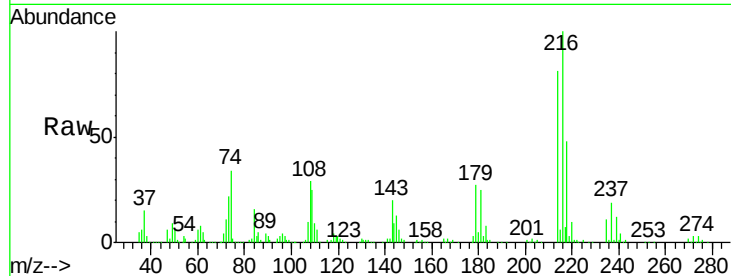
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 35.88 ng  
 RT: 8.93 min Scan# 599  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

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| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 352394 |       |       |
| 214     | 79.7  | 62.6   | 93.8  |       |
| 179     | 23.4  | 18.2   | 27.4  |       |
| 108     | 23.0  | 17.5   | 26.3  |       |



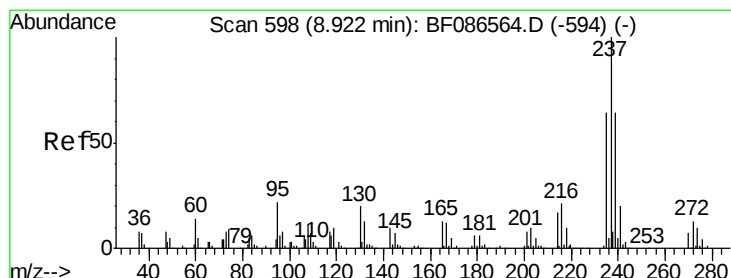
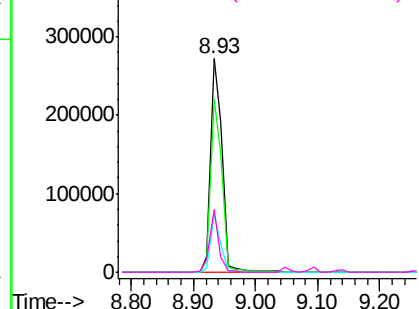
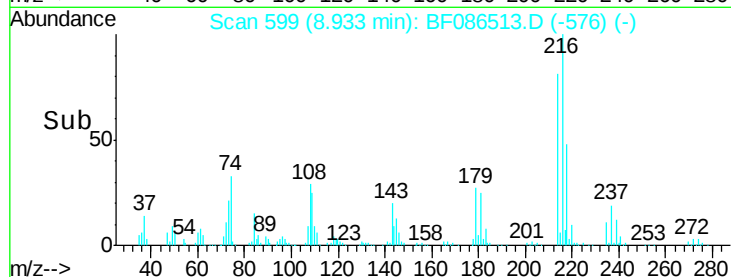
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

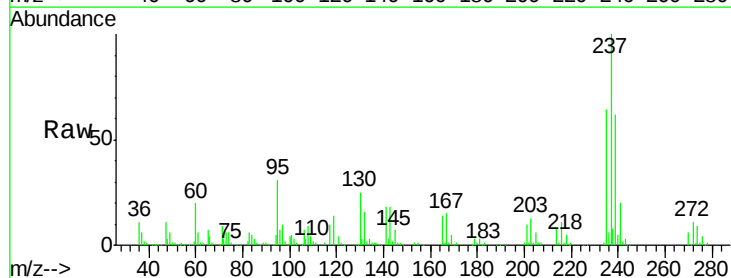
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40  
 Hexachlorocyclopentadiene  
 Concen: 34.93 ng  
 RT: 8.92 min Scan# 598  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 170486 |       |       |
| 235     | 63.6  | 47.2   | 87.2  |       |
| 272     | 11.4  | 0.0    | 31.1  |       |

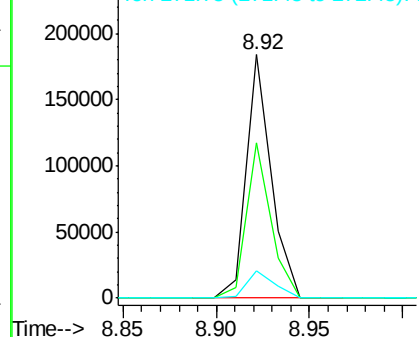
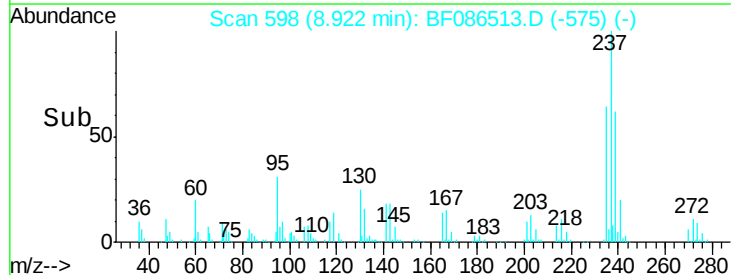


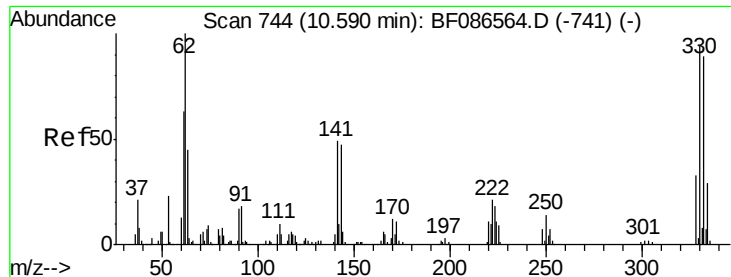
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





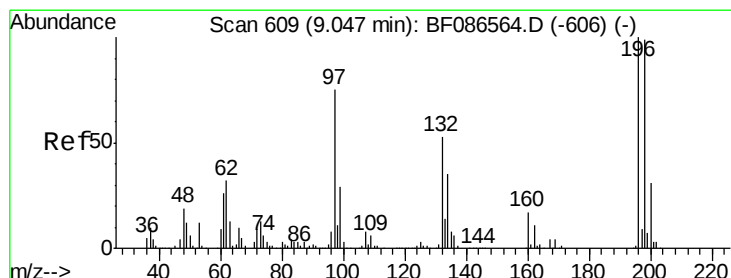
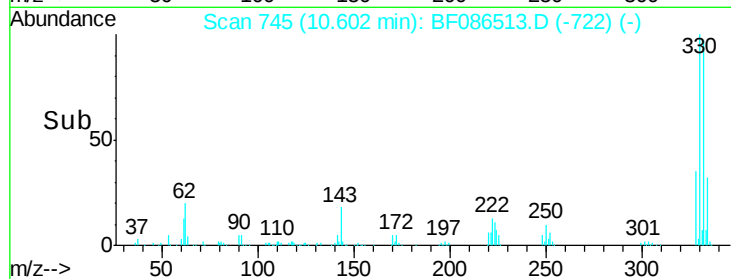
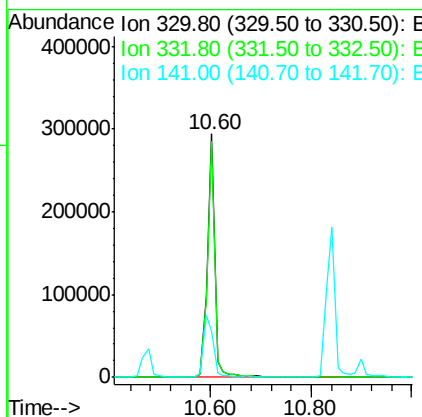
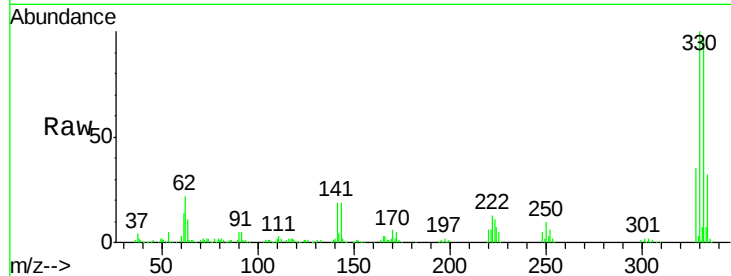
#41  
 2,4,6-Tribromophenol  
 Concen: 84.44 ng  
 RT: 10.60 min Scan# 745  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 305570 |       |       |
| 332     | 96.2  | 79.0   | 118.4 |       |
| 141     | 32.1  | 31.2   | 46.8  |       |

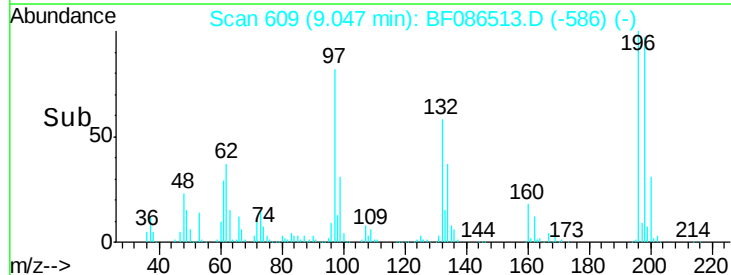
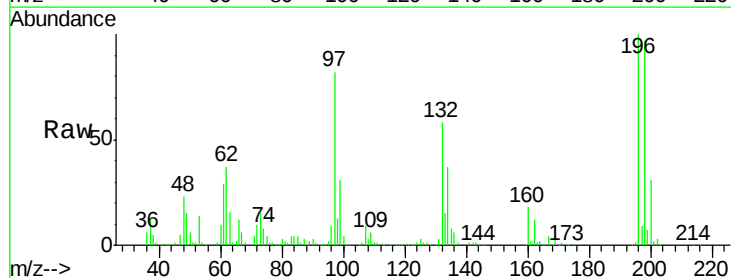
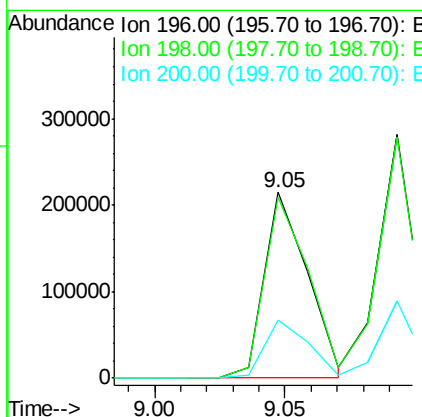
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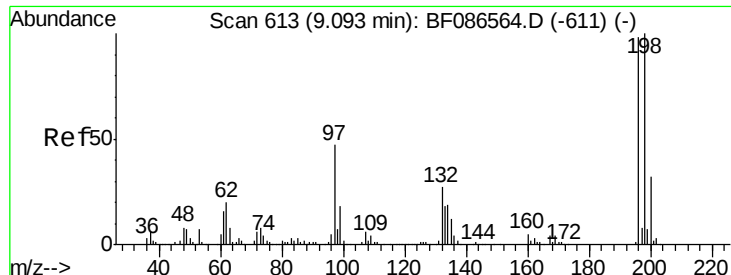
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#42  
 2,4,6-Trichlorophenol  
 Concen: 40.19 ng  
 RT: 9.05 min Scan# 609  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

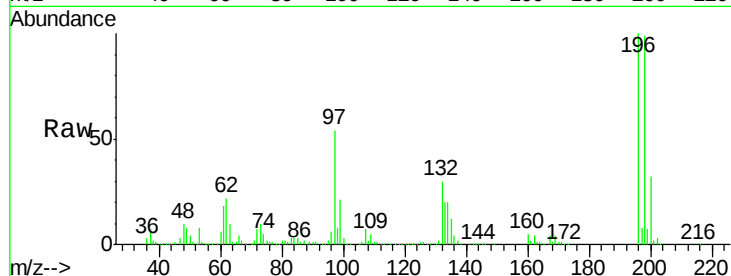
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 249508 |       |       |
| 198     | 97.3  | 74.7   | 112.1 |       |
| 200     | 30.9  | 23.8   | 35.6  |       |





#43  
 2,4,5-Trichlorophenol  
 Concen: 41.56 ng  
 RT: 9.09 min Scan# 613  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

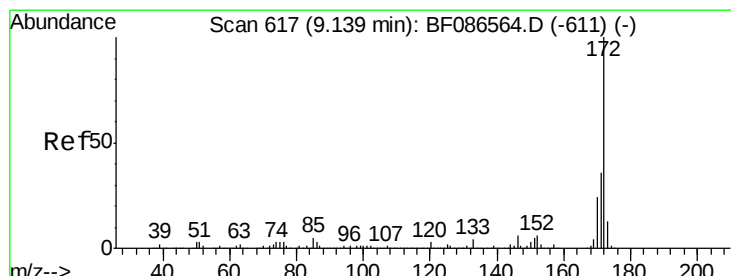
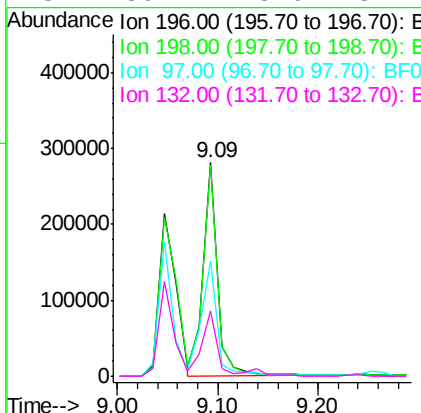
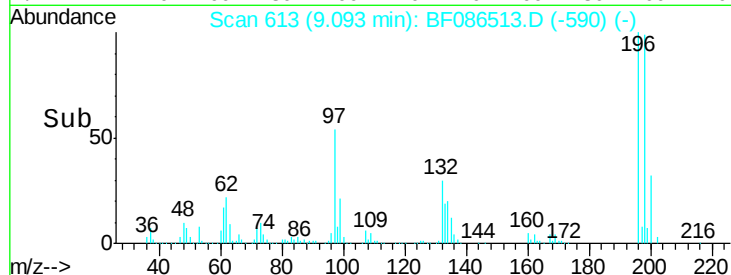
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040



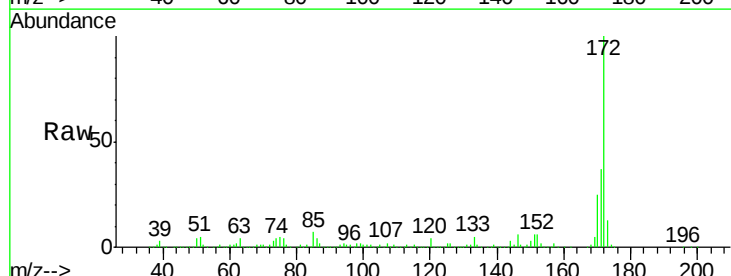
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 281244 |       |       |
| 198     | 99.1  | 77.5   | 116.3 |       |
| 97      | 53.9  | 34.8   | 52.2  |       |
| 132     | 30.4  | 23.0   | 34.4  |       |

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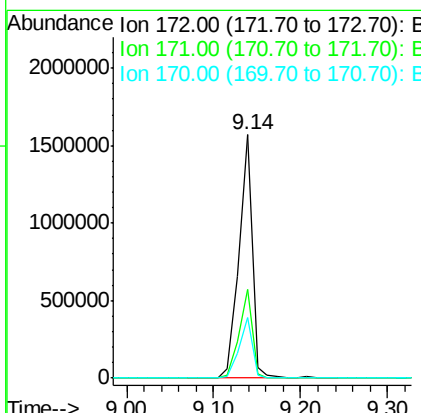
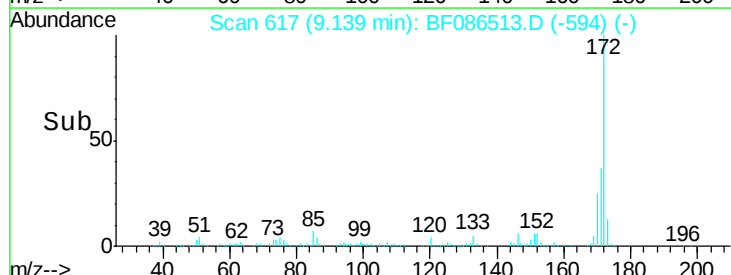
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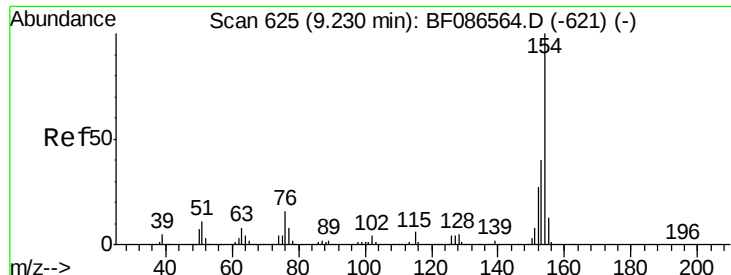


#44  
 2-Fluorobiphenyl  
 Concen: 83.93 ng  
 RT: 9.14 min Scan# 617  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48



| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1650117 |       |       |
| 171     | 36.5  | 29.0    | 43.6  |       |
| 170     | 25.0  | 19.8    | 29.8  |       |





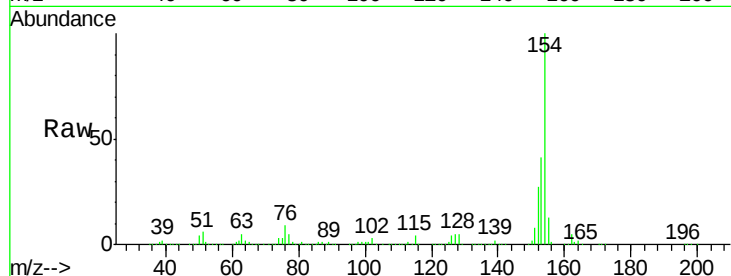
#45  
1,1'-Biphenyl  
Concen: 37.02 ng  
RT: 9.24 min Scan# 626  
Delta R.T. -0.03 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

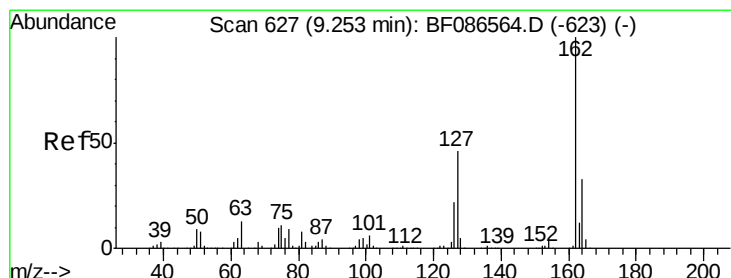
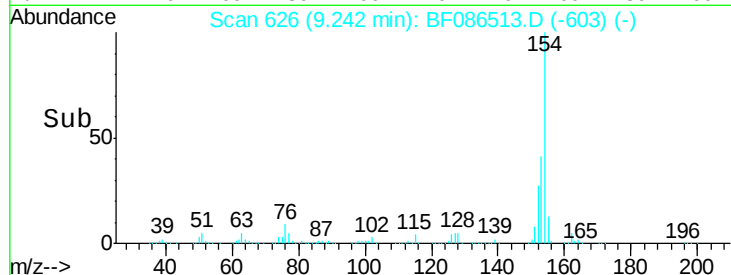
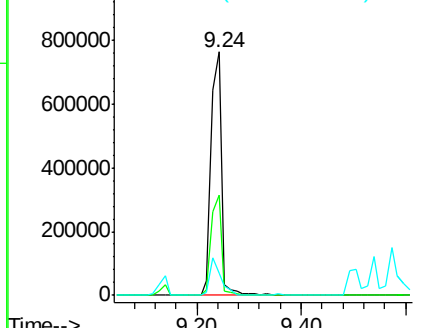
Tgt Ion:154 Resp: 1061908  
Ion Ratio Lower Upper  
154 100  
153 41.0 20.3 60.3  
76 9.3 0.0 30.2

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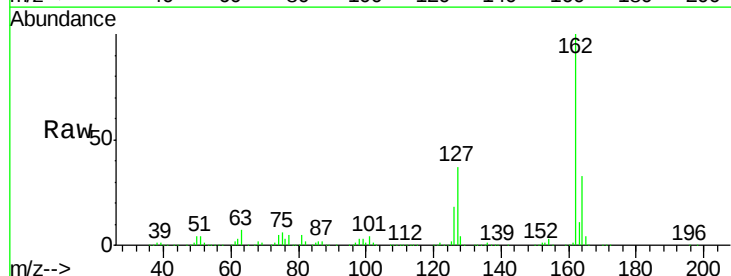


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF0

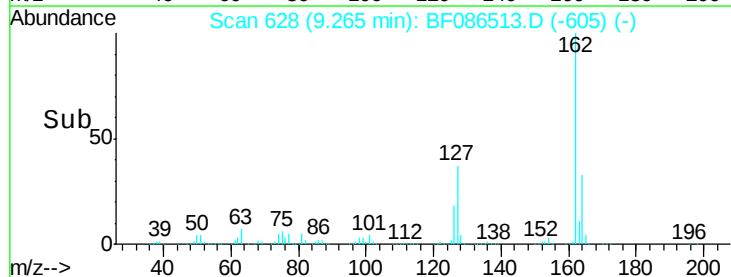
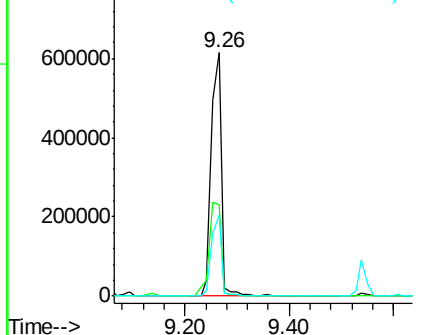


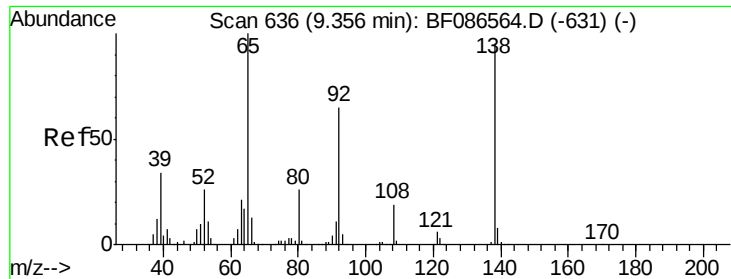
#46  
2-Chloronaphthalene  
Concen: 38.47 ng  
RT: 9.26 min Scan# 628  
Delta R.T. -0.03 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

Tgt Ion:162 Resp: 838859  
Ion Ratio Lower Upper  
162 100  
127 37.4 31.8 47.6  
164 33.5 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





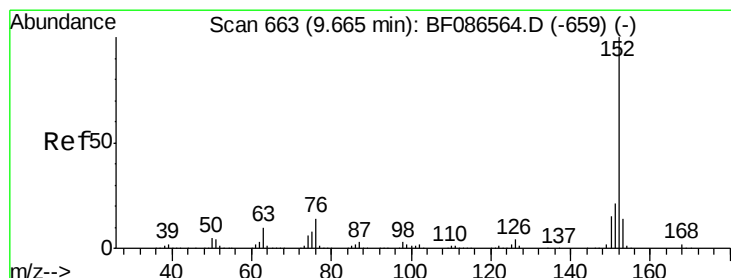
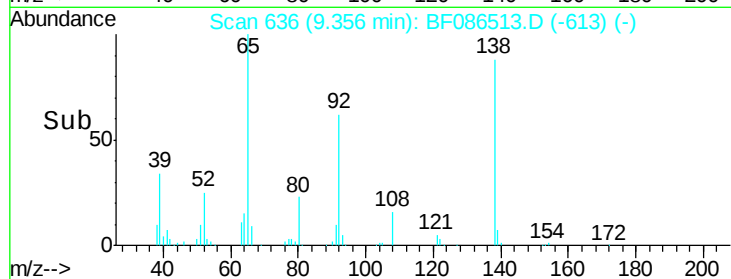
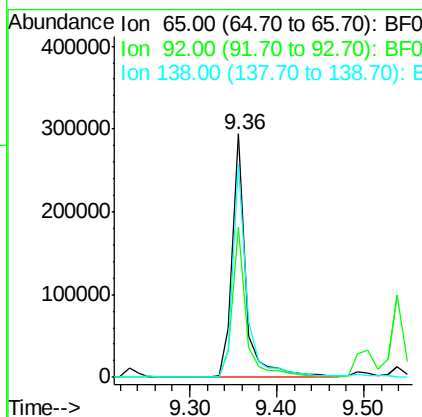
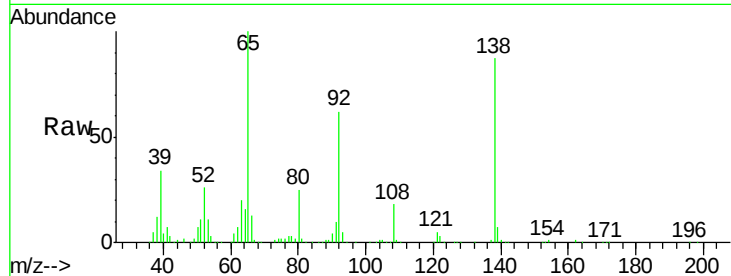
#47  
2-Nitroaniline  
Concen: 46.13 ng  
RT: 9.36 min Scan# 636  
Delta R.T. -0.03 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 322622 |       |       |
| 92      | 61.9  | 57.4   | 86.2  |       |
| 138     | 87.2  | 90.1   | 135.1 |       |

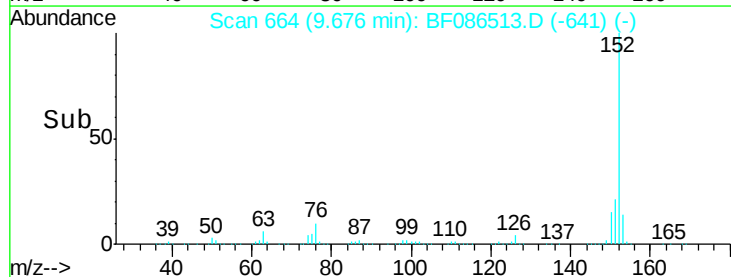
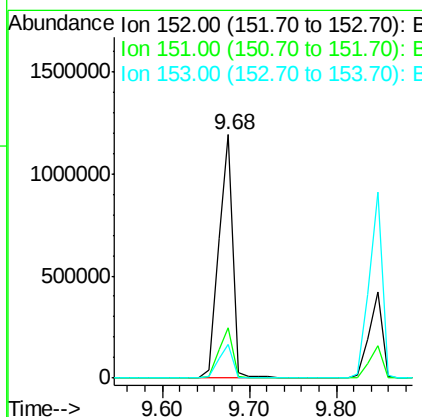
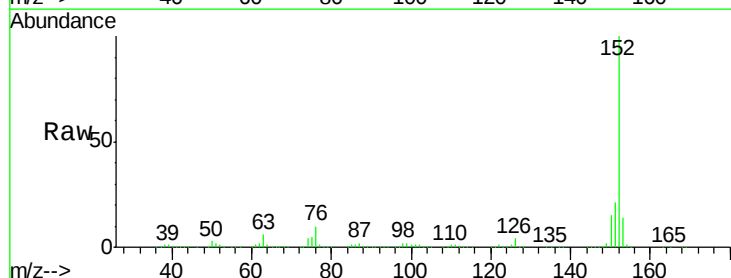
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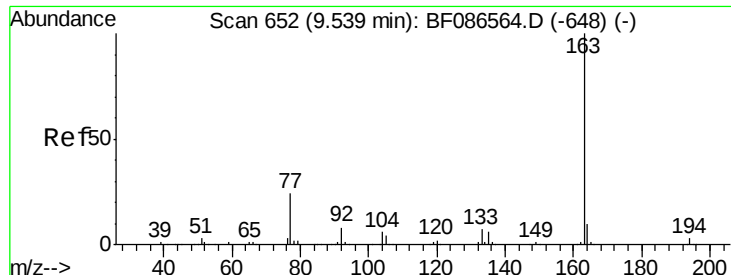
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#48  
Acenaphthylene  
Concen: 39.74 ng  
RT: 9.68 min Scan# 664  
Delta R.T. -0.03 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 152     | 100   | 1354623 |       |       |
| 151     | 20.6  | 16.8    | 25.2  |       |
| 153     | 13.9  | 10.9    | 16.3  |       |





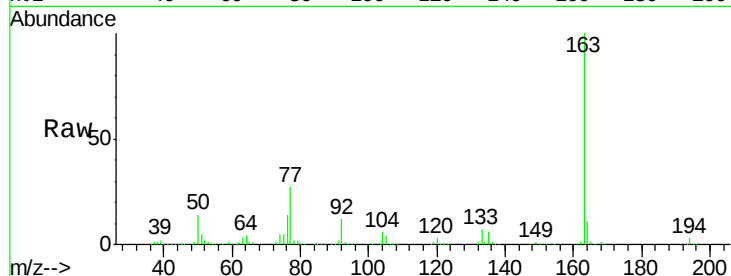
#49  
Dimethylphthalate  
Concen: 36.64 ng  
RT: 9.54 min Scan# 652  
Delta R.T. -0.03 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

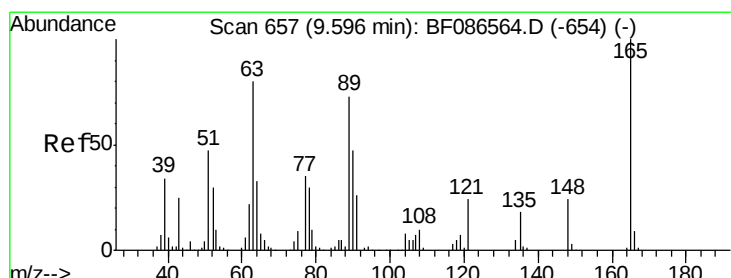
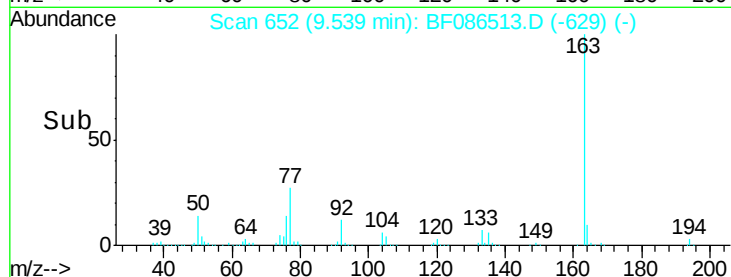
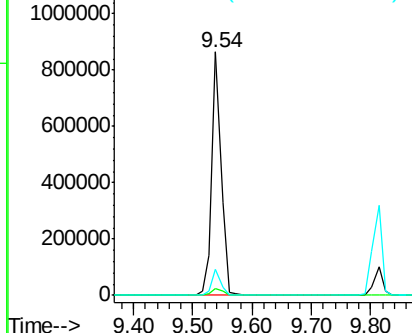
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.0   | 2.6        | 4.0        |
| 164     | 10.6  | 8.2        | 12.4       |

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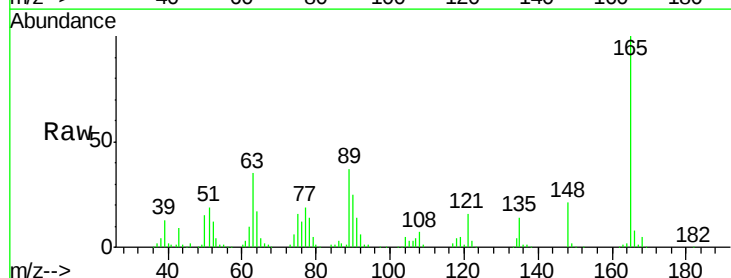


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

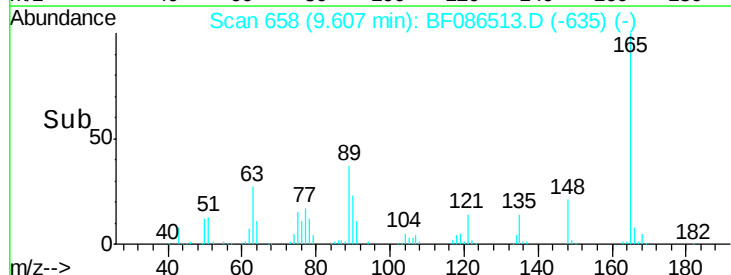
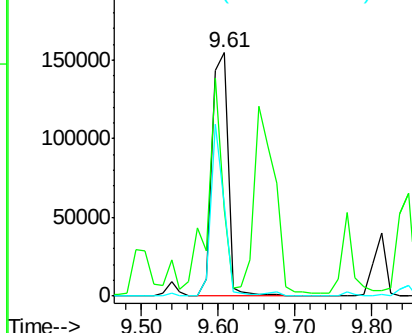


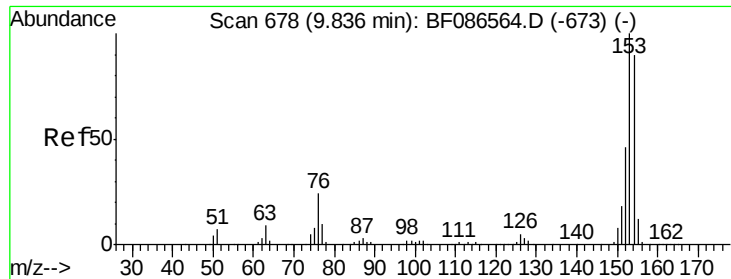
#50  
2,6-Dinitrotoluene  
Concen: 41.70 ng  
RT: 9.61 min Scan# 658  
Delta R.T. -0.03 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 35.5  | 51.8       | 77.8#      |
| 89      | 37.4  | 50.7       | 76.1#      |



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





#51

Acenaphthene

Concen: 41.08 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

Instrument :

BNA\_F

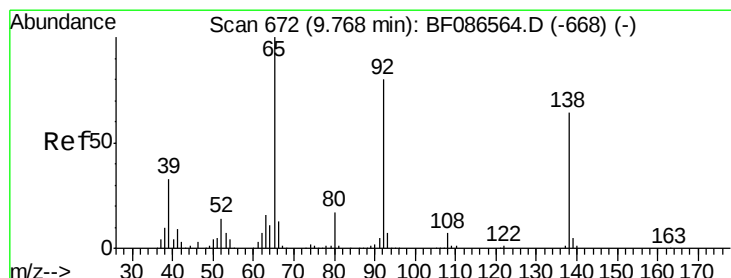
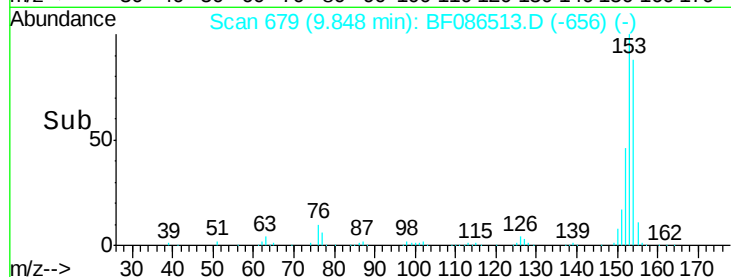
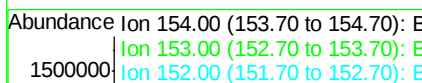
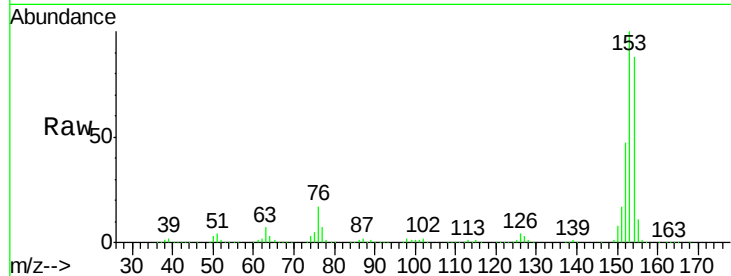
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 899518 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.8 | 89.8  | 134.6  |
| 152       | 53.1  | 43.4  | 65.0   |

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#52

3-Nitroaniline

Concen: 40.87 ng

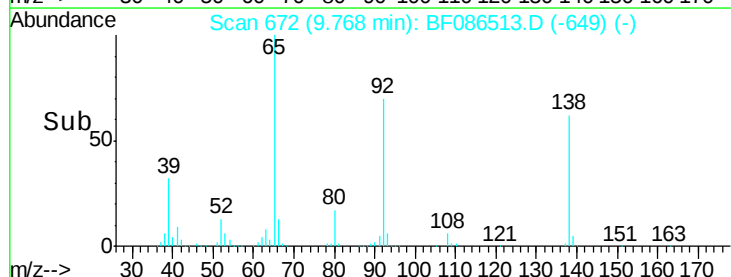
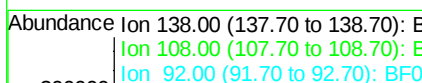
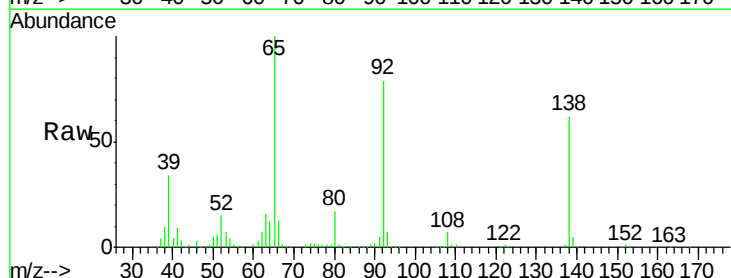
RT: 9.77 min Scan# 672

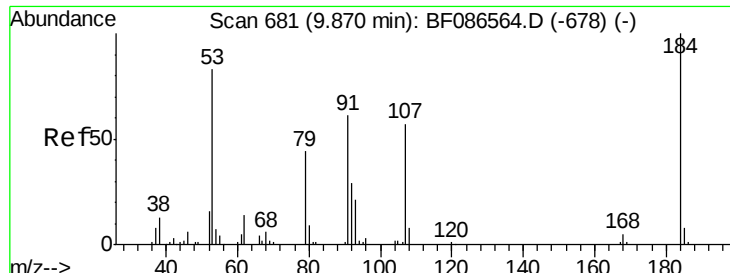
Delta R.T. -0.03 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 248063 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 10.8  | 7.8   | 11.6   |
| 92        | 126.2 | 87.8  | 131.8  |





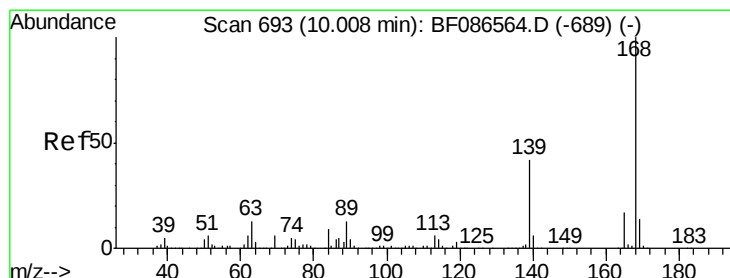
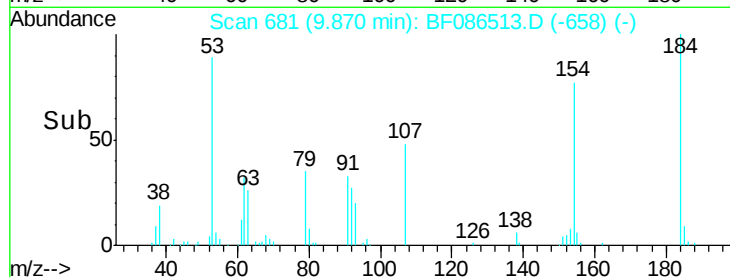
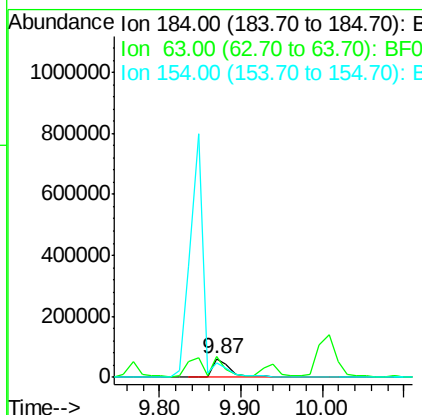
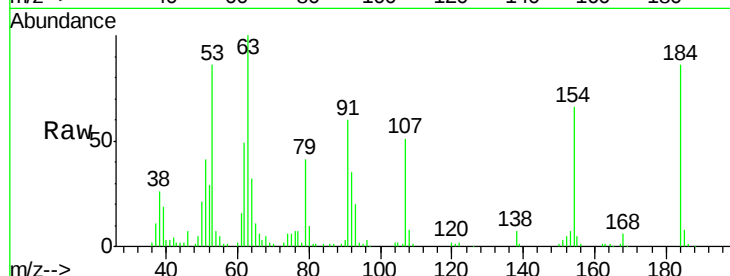
#53  
2,4-Dinitrophenol  
Concen: 38.53 ng  
RT: 9.87 min Scan# 681  
Delta R.T. -0.03 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 99309 |       |       |
| 63      | 116.2 | 55.8  | 83.8# |       |
| 154     | 77.2  | 62.4  | 93.6  |       |

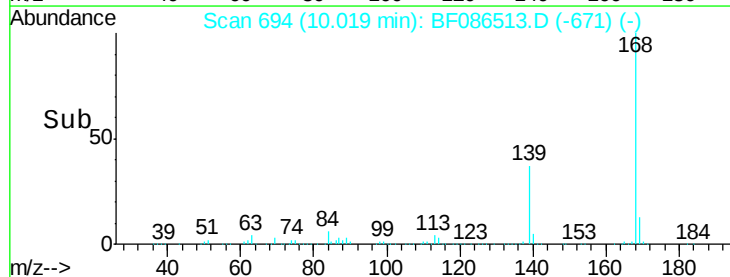
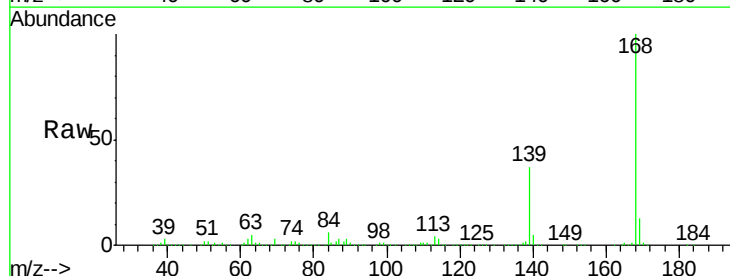
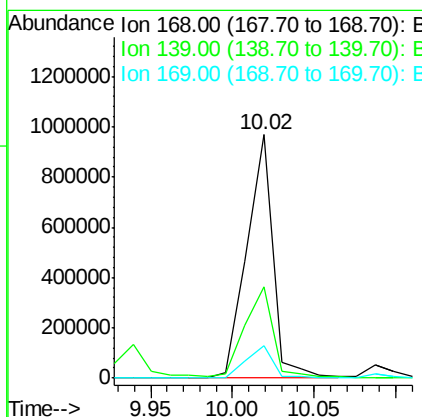
Manual Integrations  
APPROVED

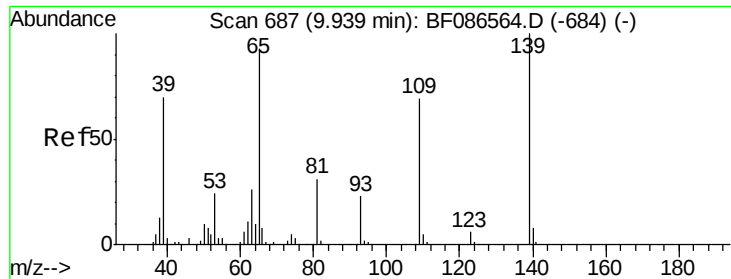
sohil  
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#54  
Dibenzofuran  
Concen: 39.43 ng  
RT: 10.02 min Scan# 694  
Delta R.T. -0.03 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 168     | 100   | 1079078 |       |       |
| 139     | 37.3  | 31.4    | 47.0  |       |
| 169     | 13.3  | 10.7    | 16.1  |       |





#55

4-Nitrophenol

Concen: 43.46 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF086513.D

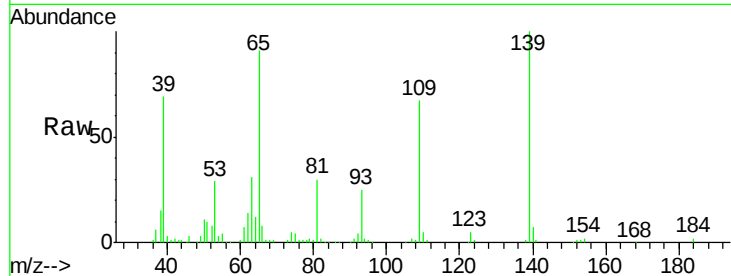
Acq: 30 Apr 2016 9:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion:139 Resp: 172731

Ion Ratio Lower Upper

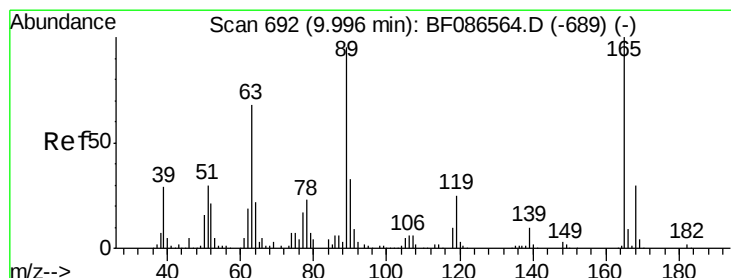
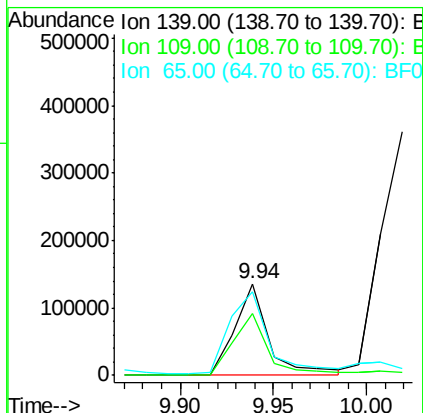
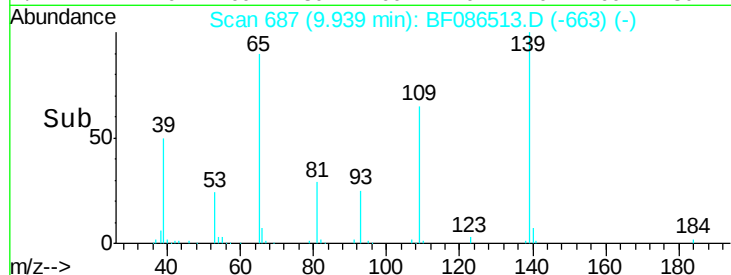
139 100

109 66.8 36.9 76.9

65 91.3 64.0 104.0

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#56

2,4-Dinitrotoluene

Concen: 42.96 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

Tgt Ion:165 Resp: 292272

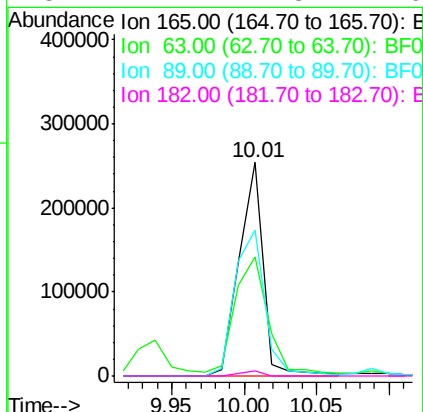
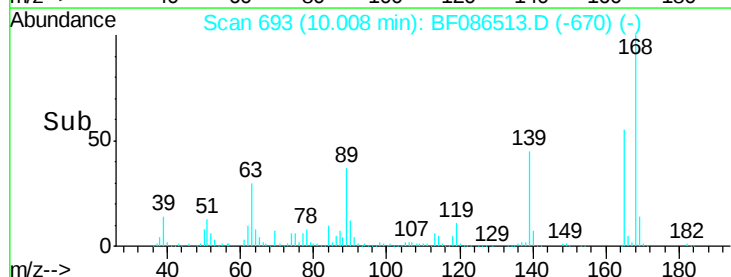
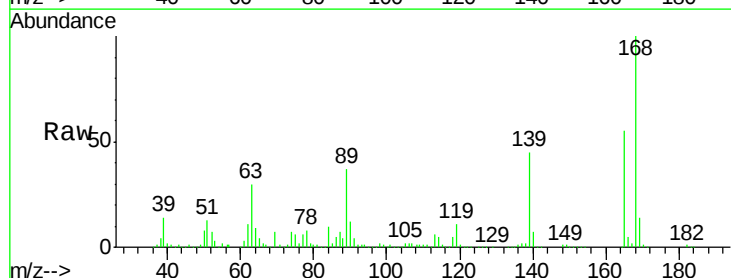
Ion Ratio Lower Upper

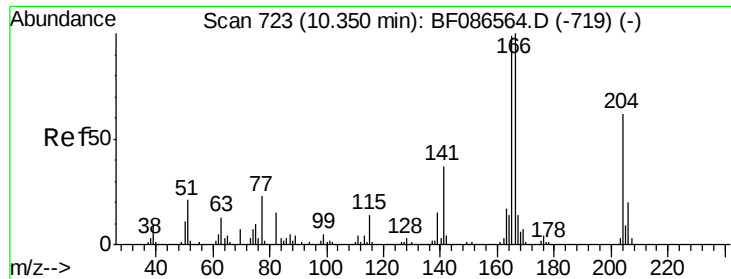
165 100

63 55.5 44.3 66.5

89 68.4 70.0 105.0#

182 2.4 1.8 2.6





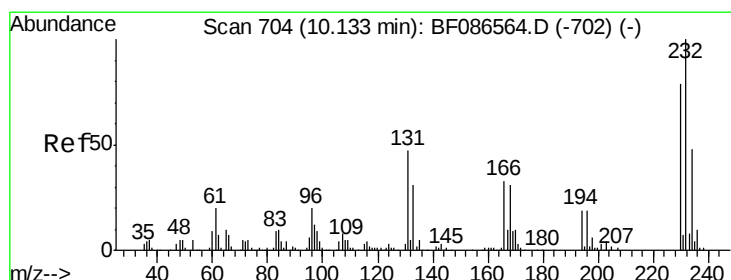
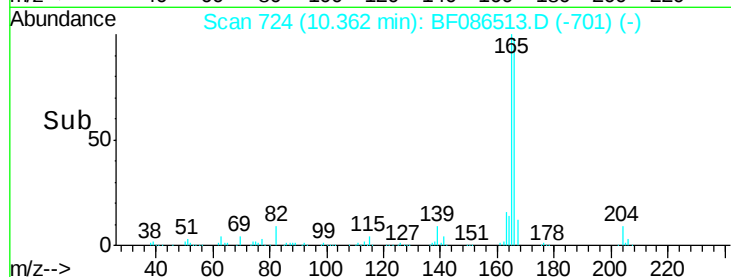
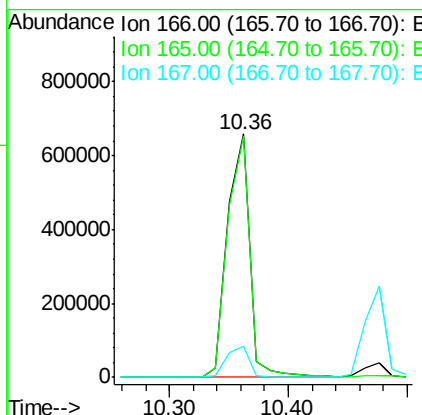
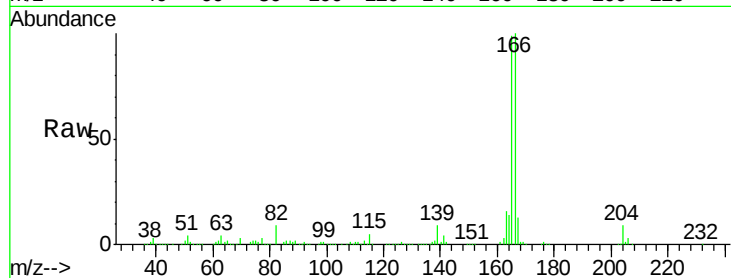
#57  
**Fluorene**  
 Concen: 36.18 ng  
 RT: 10.36 min Scan# 724  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 859733 |       |       |
| 165     | 99.1  | 79.0   | 118.6 |       |
| 167     | 12.9  | 10.6   | 15.8  |       |

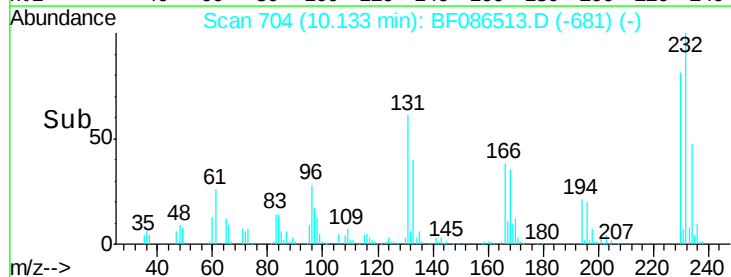
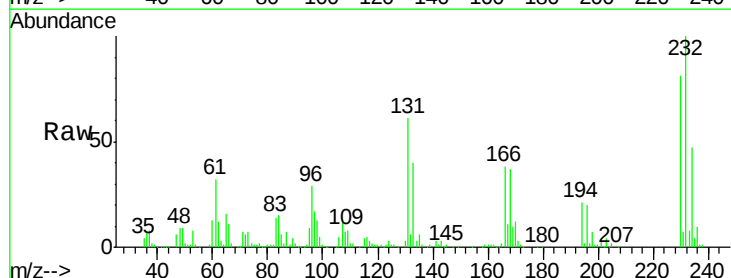
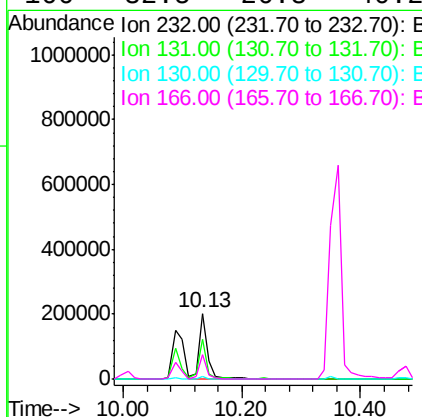
Manual Integrations  
 APPROVED

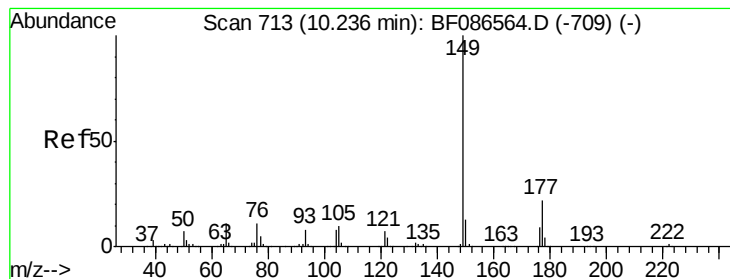
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#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 39.31 ng  
 RT: 10.13 min Scan# 704  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 207972 |       |       |
| 131     | 54.6  | 41.9   | 62.9  |       |
| 130     | 2.7   | 2.2    | 3.4   |       |
| 166     | 32.5  | 26.8   | 40.2  |       |





#59

Diethylphthalate

Concen: 38.19 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

Instrument :

BNA\_F

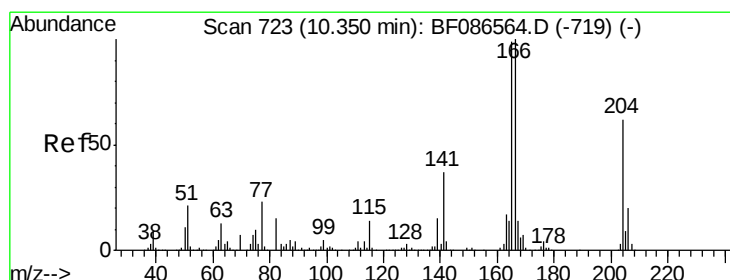
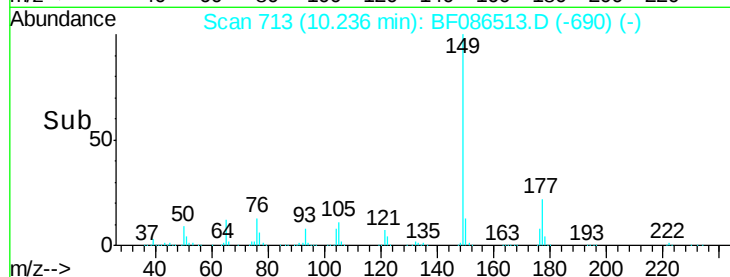
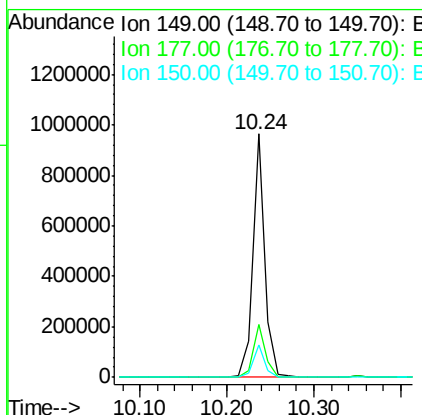
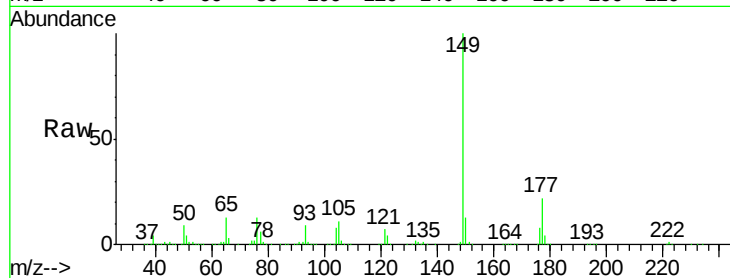
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 933934 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 21.6  | 16.6  | 24.8   |
| 150       | 13.1  | 10.0  | 15.0   |

Manual Integrations  
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#60

4-Chlorophenyl-phenylether

Concen: 36.20 ng

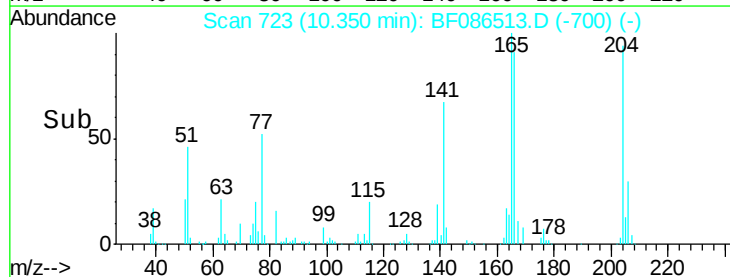
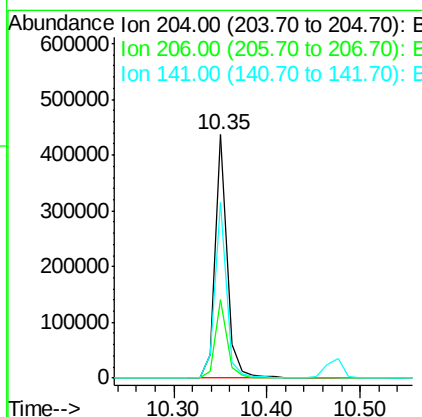
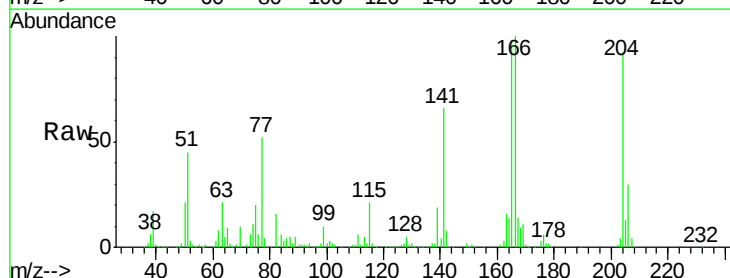
RT: 10.35 min Scan# 723

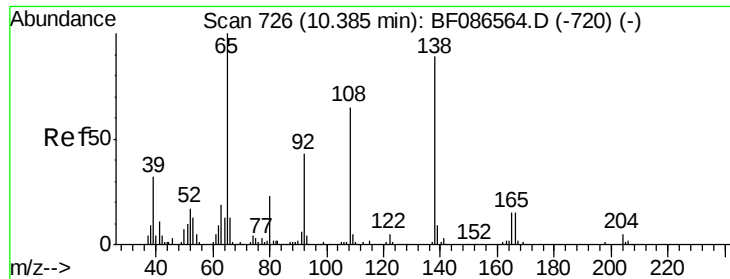
Delta R.T. -0.03 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 390521 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.2  | 25.4  | 38.0   |
| 141       | 72.0  | 61.6  | 92.4   |





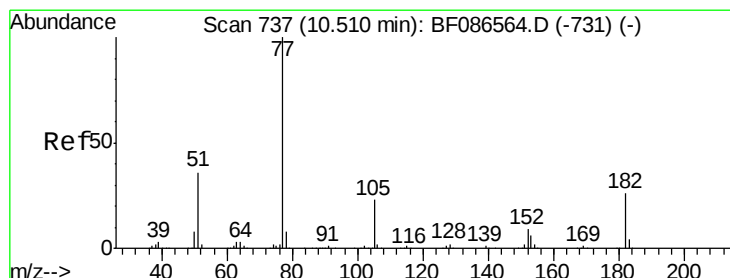
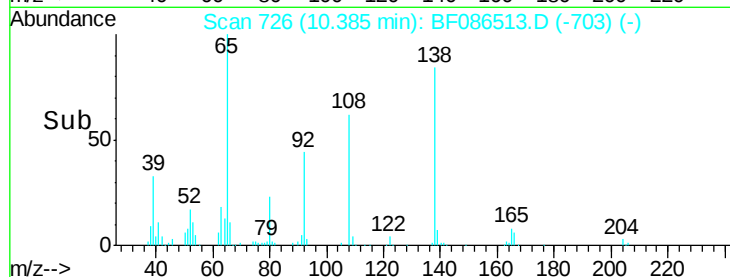
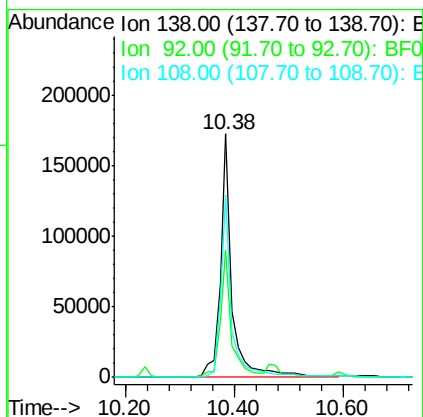
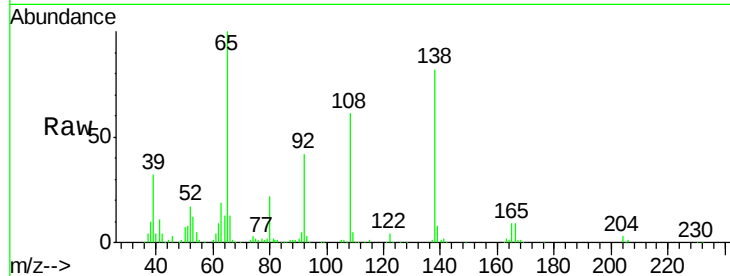
#61  
4-Nitroaniline  
Concen: 44.47 ng  
RT: 10.38 min Scan# 726  
Delta R.T. -0.03 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 52.0  | 24.7  | 64.7  |
| 108     | 75.1  | 37.4  | 77.4  |

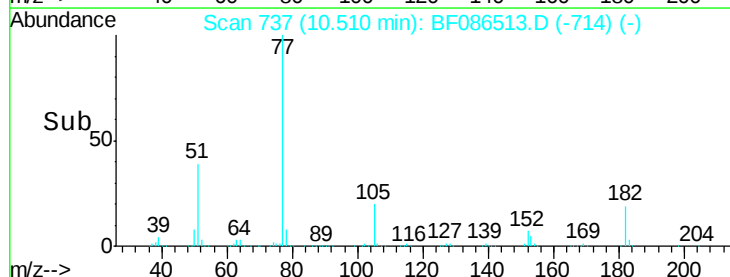
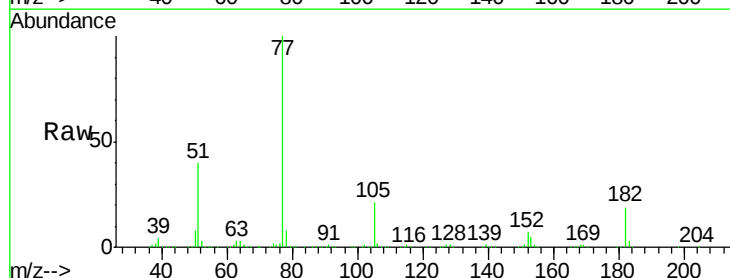
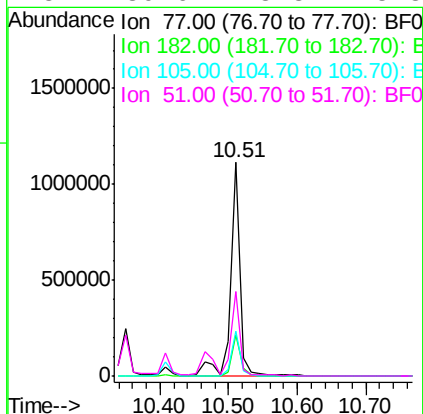
Manual Integrations  
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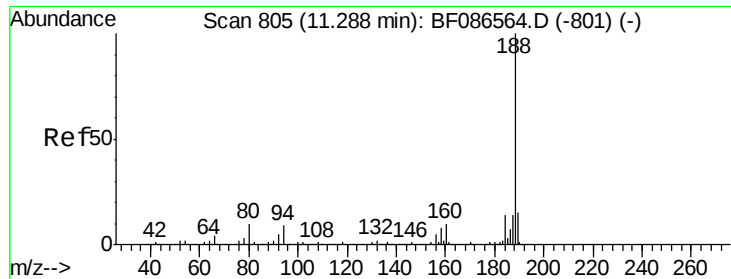
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#62  
Azobenzene  
Concen: 40.48 ng  
RT: 10.51 min Scan# 737  
Delta R.T. -0.03 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 19.3  | 0.0   | 38.8  |
| 105     | 21.2  | 3.2   | 43.2  |
| 51      | 39.6  | 8.8   | 48.8  |





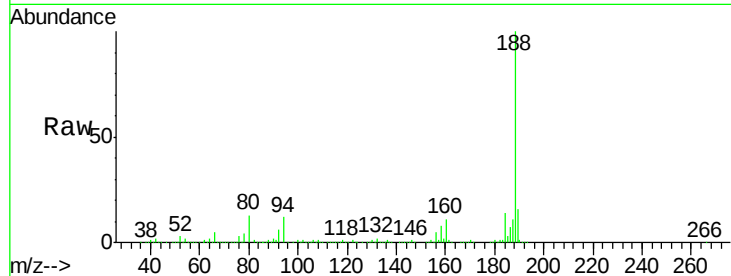
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.29 min Scan# 805  
Delta R.T. -0.03 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 11.7  | 6.8        | 10.2#      |
| 80      | 12.9  | 7.1        | 10.7#      |

Manual Integrations  
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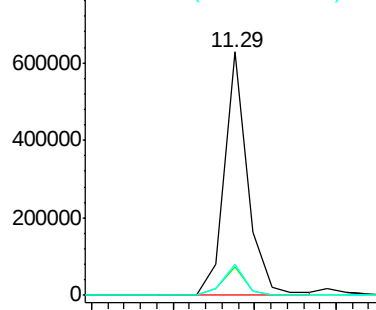
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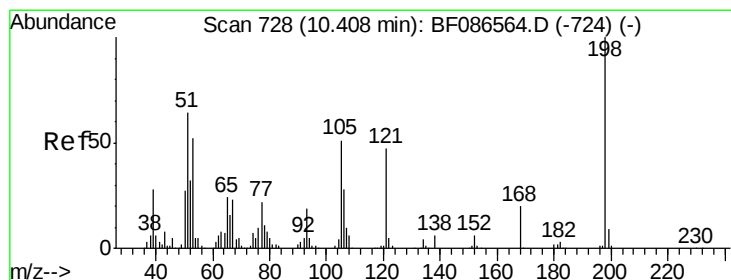
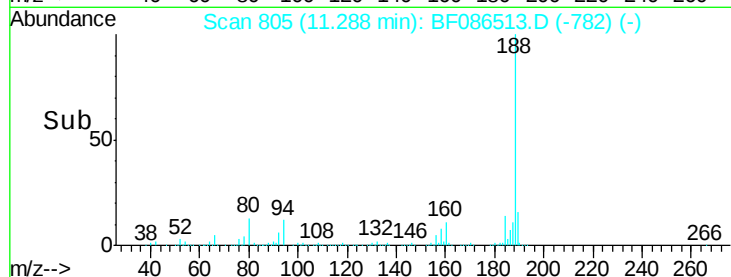
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 11.20 11.25 11.30 11.35



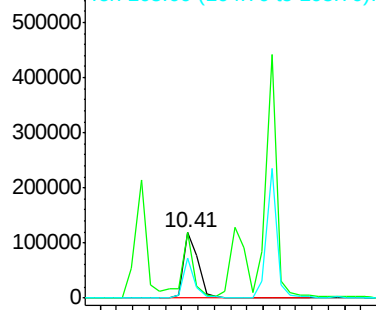
#64  
4,6-Dinitro-2-methylphenol  
Concen: 41.55 ng  
RT: 10.41 min Scan# 728  
Delta R.T. -0.03 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 101.5 | 20.5       | 60.5#      |
| 105     | 61.9  | 24.5       | 64.5       |

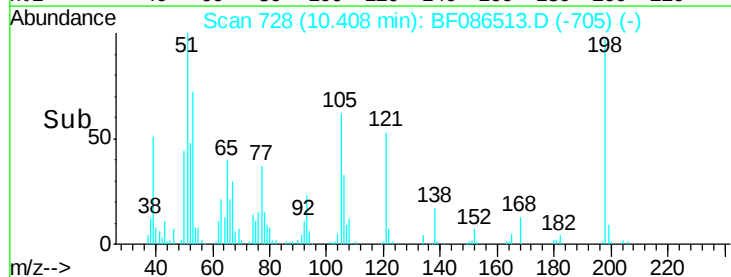
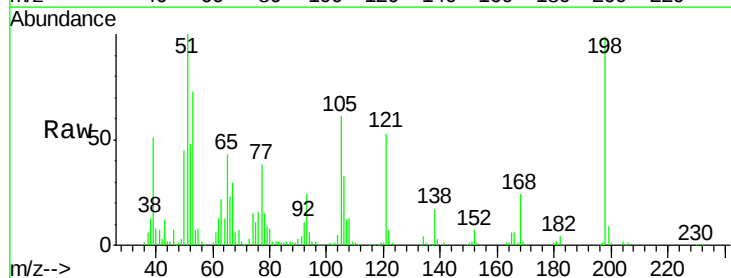
Abundance Ion 198.00 (197.70 to 198.70): E

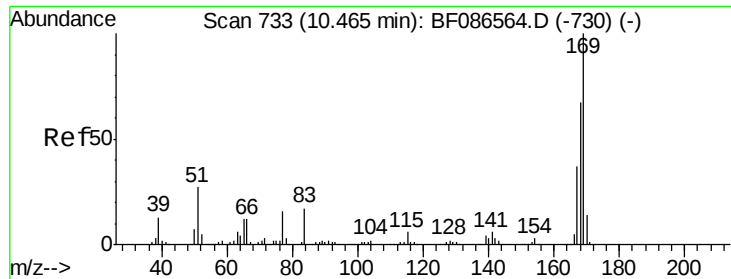
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time--> 10.30 10.40 10.50 10.60





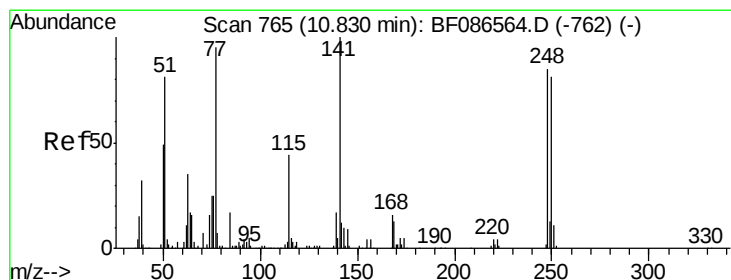
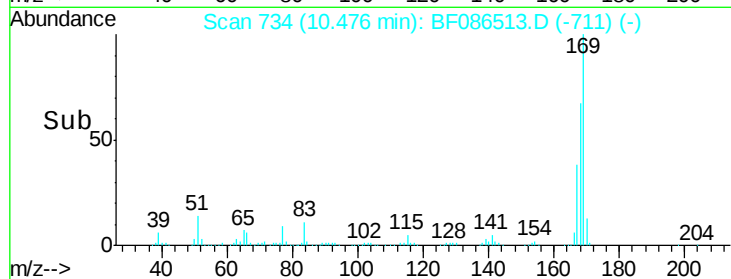
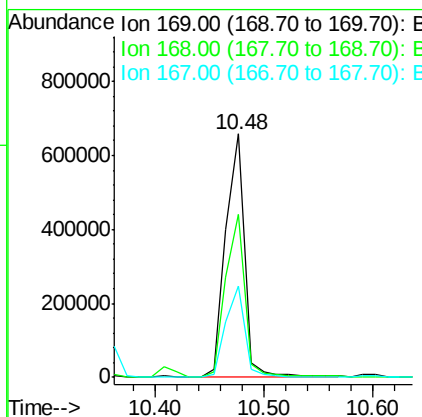
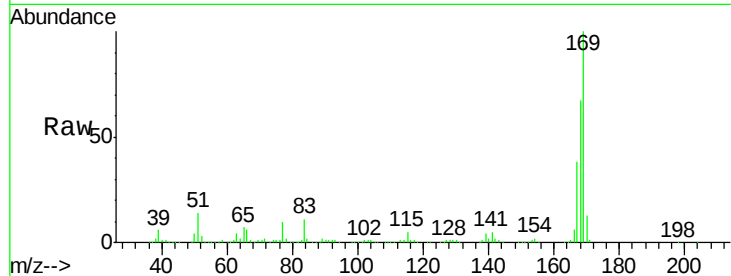
#65  
 n-Nitrosodiphenylamine  
 Concen: 41.08 ng  
 RT: 10.48 min Scan# 734  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 796948 |       |       |
| 168     | 67.0  | 53.8   | 80.6  |       |
| 167     | 37.7  | 29.5   | 44.3  |       |

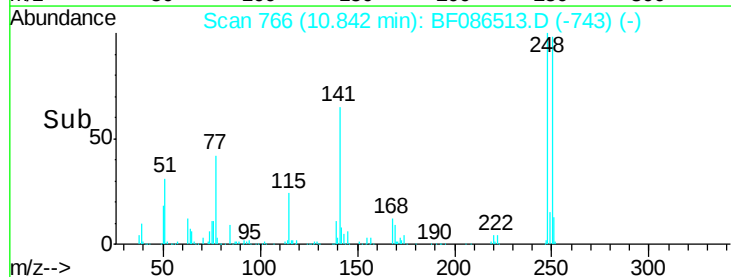
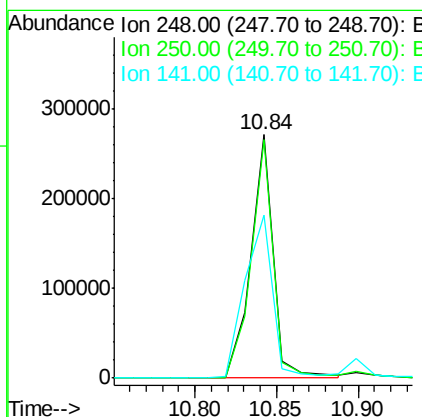
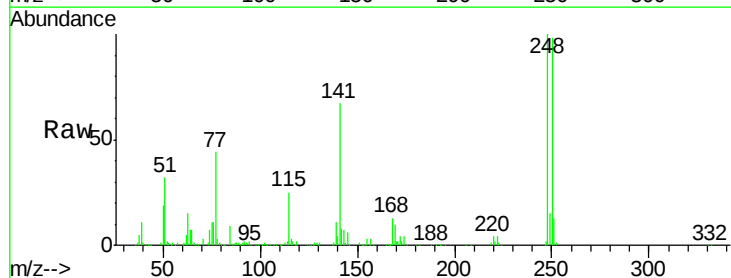
Manual Integrations  
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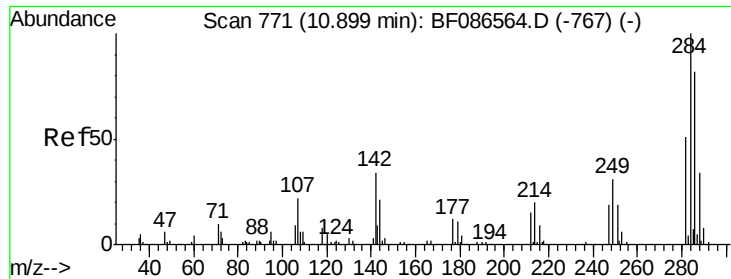
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#66  
 4-Bromophenyl-phenylether  
 Concen: 40.47 ng  
 RT: 10.84 min Scan# 766  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 258916 |       |       |
| 250     | 97.7  | 78.6   | 117.8 |       |
| 141     | 66.9  | 76.0   | 114.0 |       |





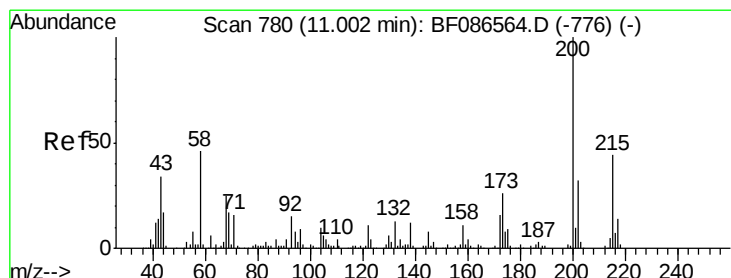
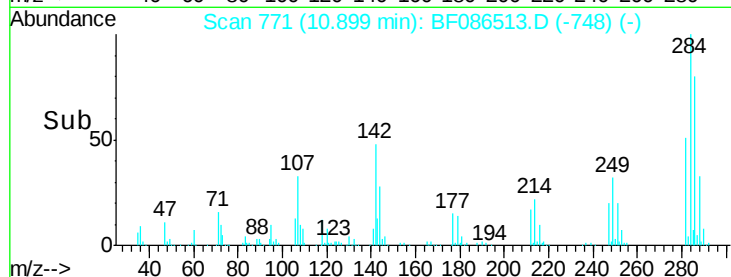
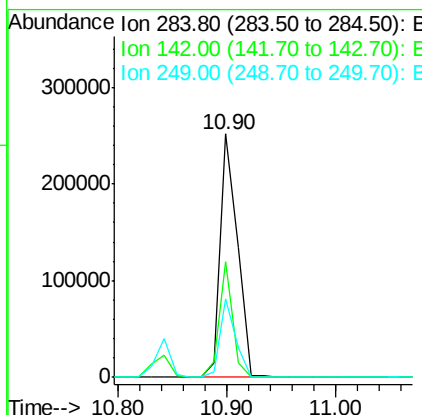
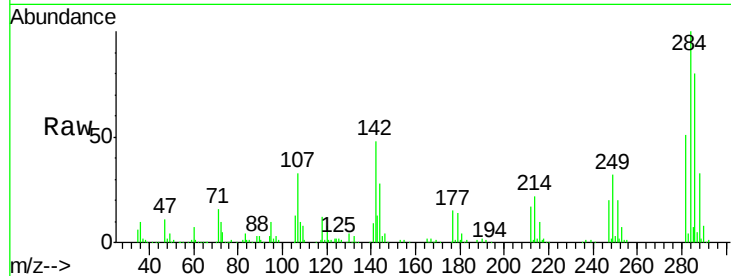
#67  
Hexachlorobenzene  
Concen: 37.75 ng  
RT: 10.90 min Scan# 771  
Delta R.T. -0.03 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 279509 |       |       |
| 142     | 47.7  | 16.7   | 25.1# |       |
| 249     | 32.3  | 21.3   | 31.9# |       |

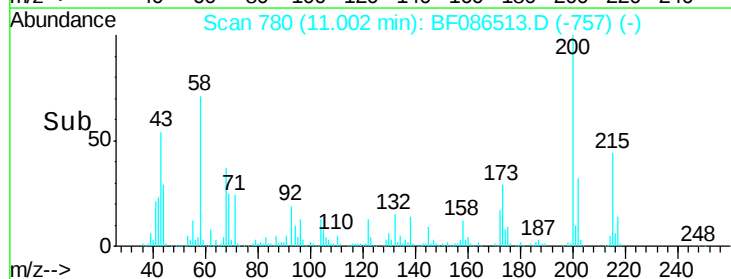
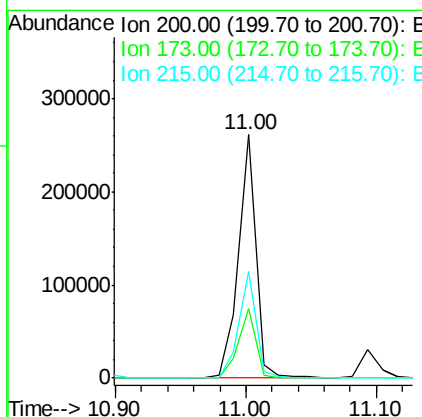
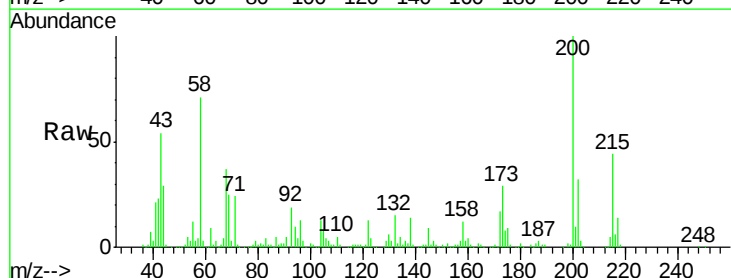
Manual Integrations  
APPROVED

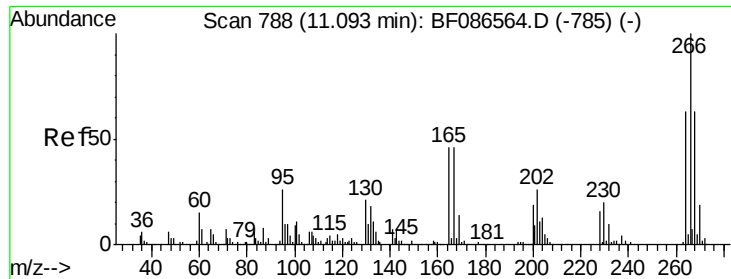
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5/2/2016 7:52:47 PM



#68  
Atrazine  
Concen: 41.58 ng  
RT: 11.00 min Scan# 780  
Delta R.T. -0.03 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 242243 |       |       |
| 173     | 28.7  | 8.5    | 48.5  |       |
| 215     | 43.7  | 27.2   | 67.2  |       |





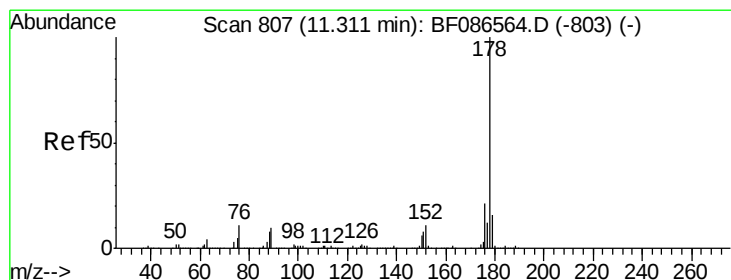
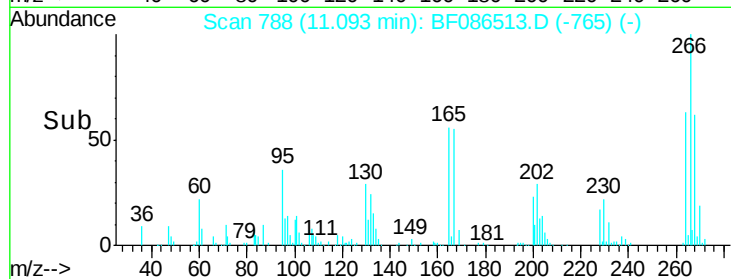
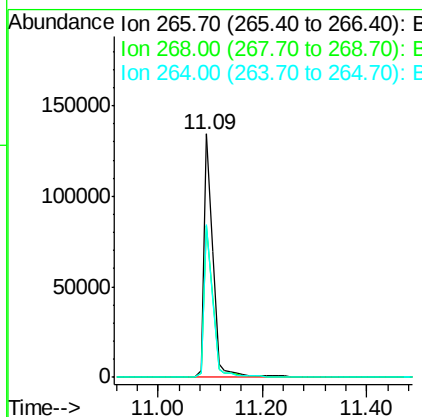
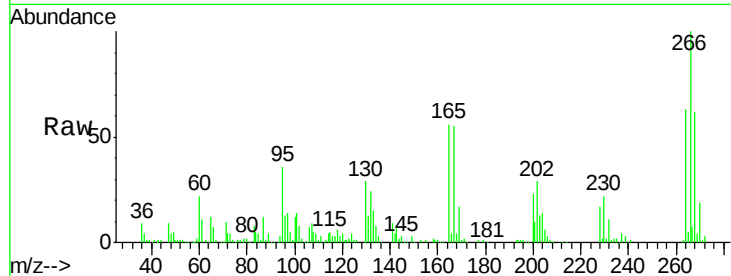
#69  
 Pentachlorophenol  
 Concen: 41.19 ng  
 RT: 11.09 min Scan# 788  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 160802 |       |       |
| 268     | 62.1  | 51.5   | 77.3  |       |
| 264     | 62.8  | 52.9   | 79.3  |       |

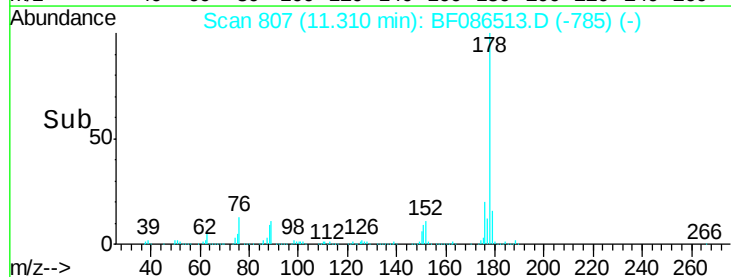
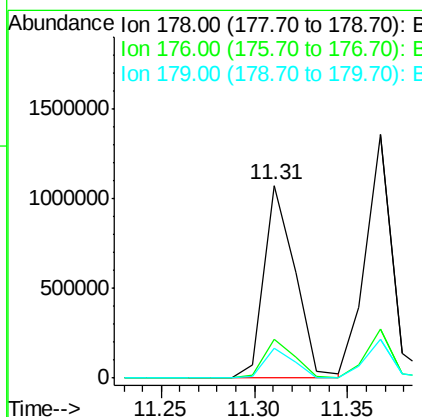
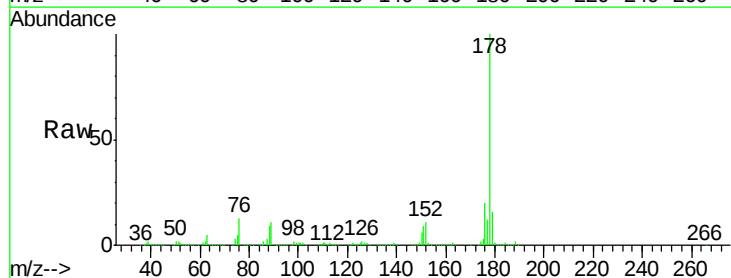
Manual Integrations  
 APPROVED

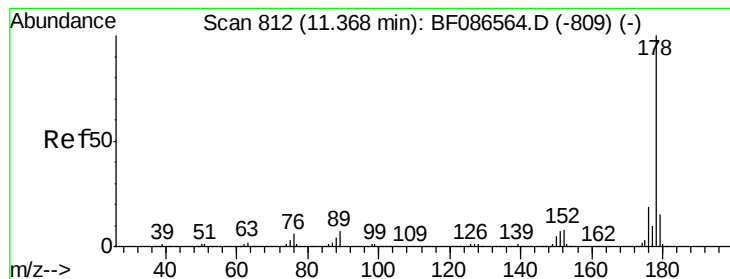
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#70  
 Phenanthrene  
 Concen: 37.95 ng  
 RT: 11.31 min Scan# 807  
 Delta R.T. -0.05 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1236281 |       |       |
| 176     | 20.2  | 16.0    | 24.0  |       |
| 179     | 15.8  | 12.6    | 18.8  |       |





#71

Anthracene

Concen: 40.55 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.03 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1410019

Ion Ratio Lower Upper

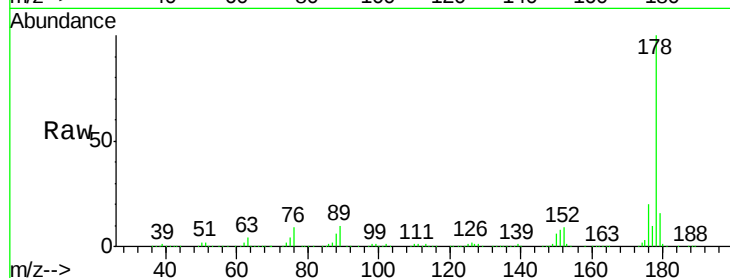
178 100

176 19.9 15.6 23.4

179 16.0 12.7 19.1

Manual Integrations  
APPROVED

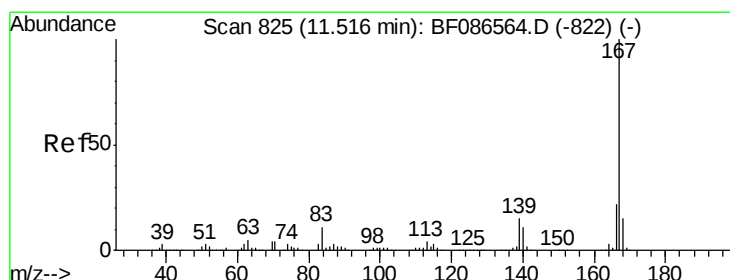
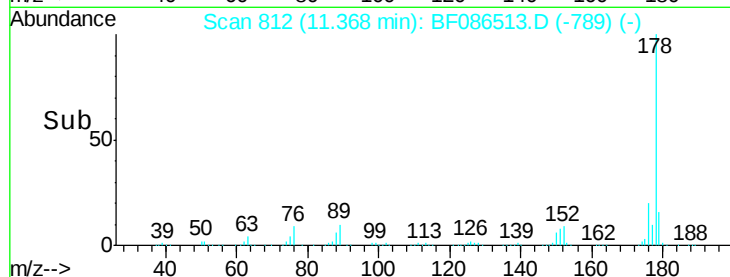
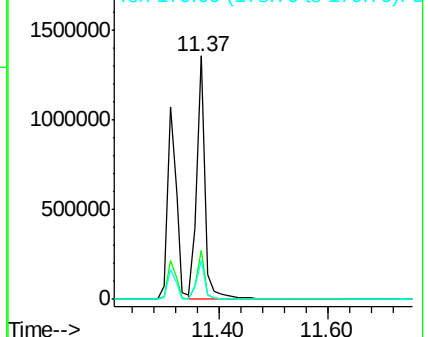
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.40 ng

RT: 11.53 min Scan# 826

Delta R.T. -0.03 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

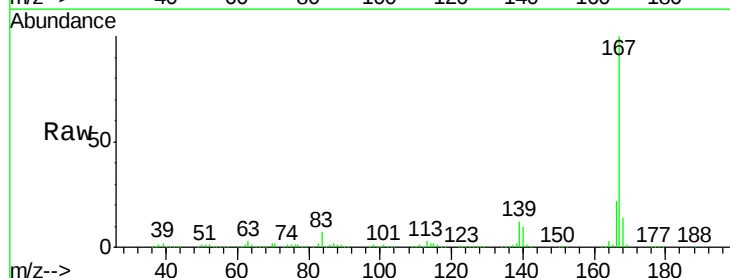
Tgt Ion:167 Resp: 1275729

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

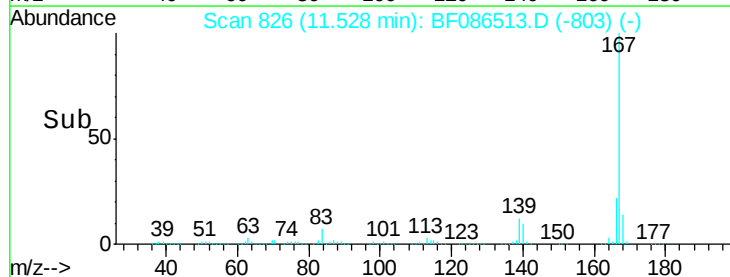
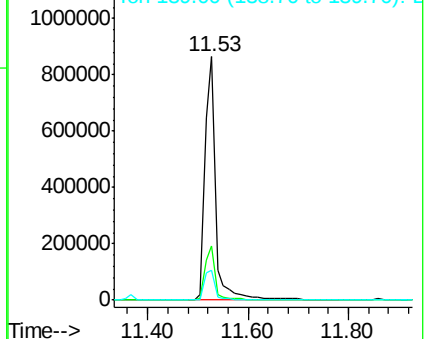
139 12.4 10.8 16.2

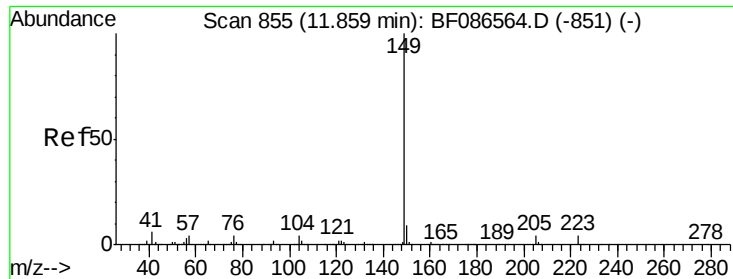


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.04 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.03 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1467579

Ion Ratio Lower Upper

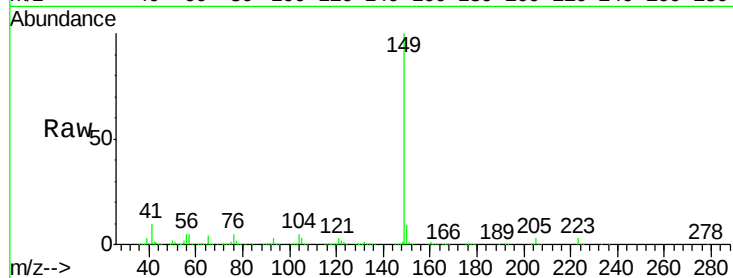
149 100

150 9.4 7.6 11.4

104 5.4 3.8 5.6

Manual Integrations  
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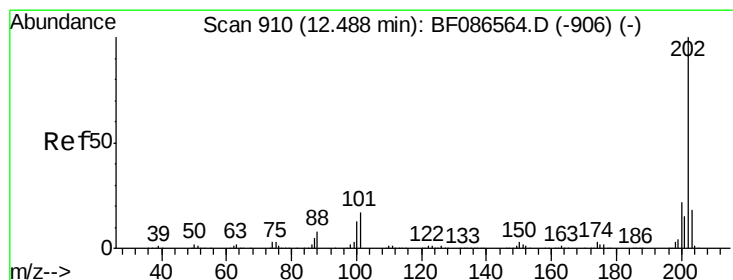
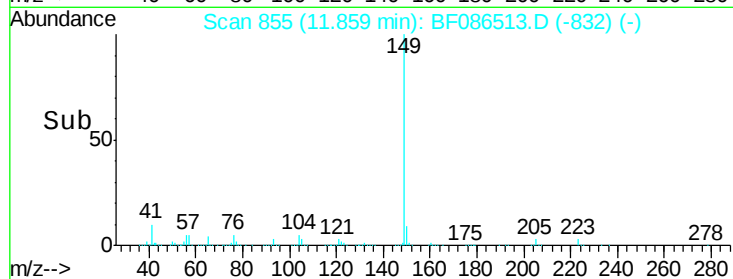
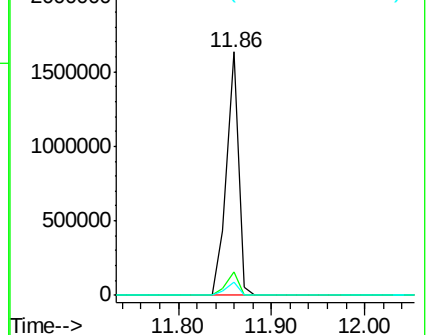
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.02 ng

RT: 12.50 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

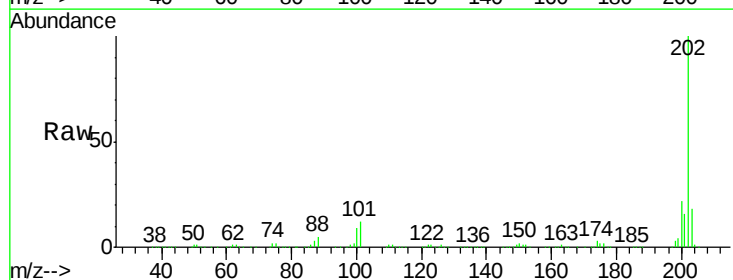
Tgt Ion:202 Resp: 1414807

Ion Ratio Lower Upper

202 100

101 11.5 0.0 35.4

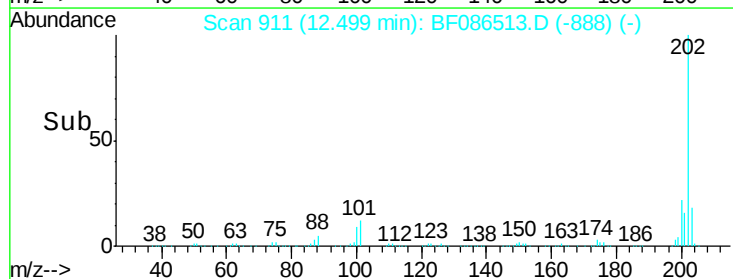
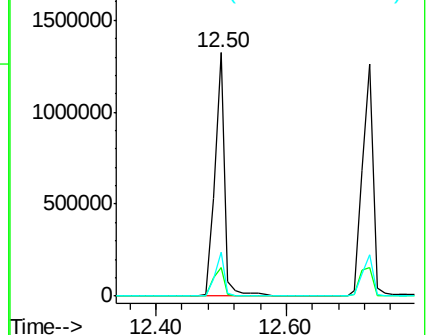
203 17.9 0.0 38.1

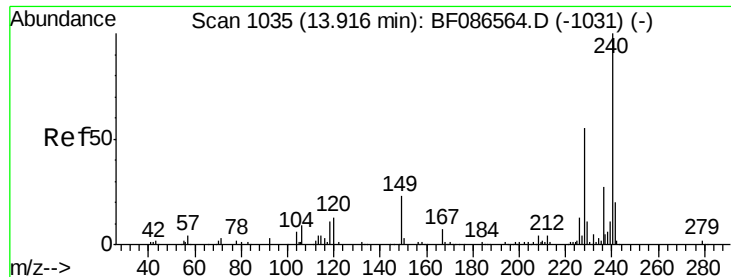


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.92 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

Instrument :

BNA\_F

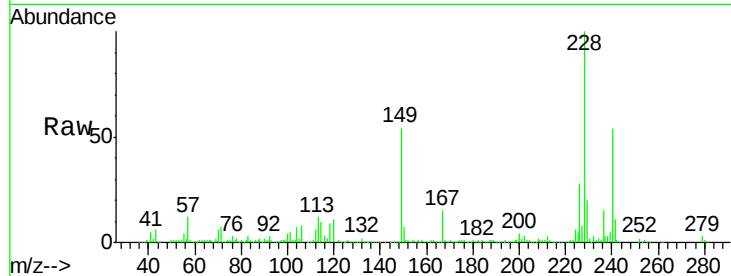
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 421434 |       |       |
| 120     | 19.6  | 11.2   | 16.8  |       |
| 236     | 26.8  | 21.2   | 31.8  |       |

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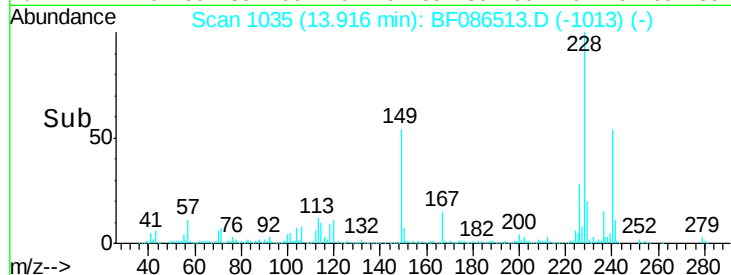
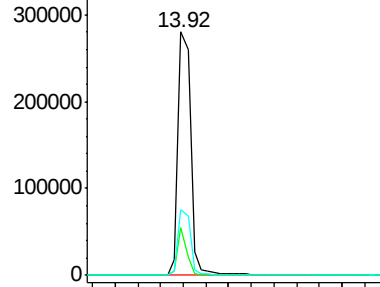
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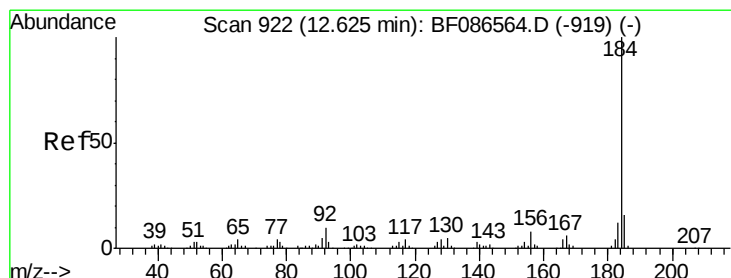
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 43.59 ng

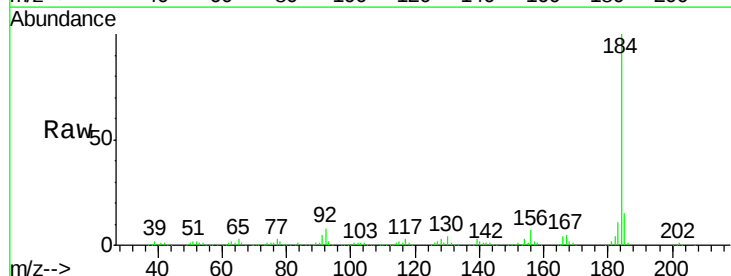
RT: 12.62 min Scan# 922

Delta R.T. -0.03 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

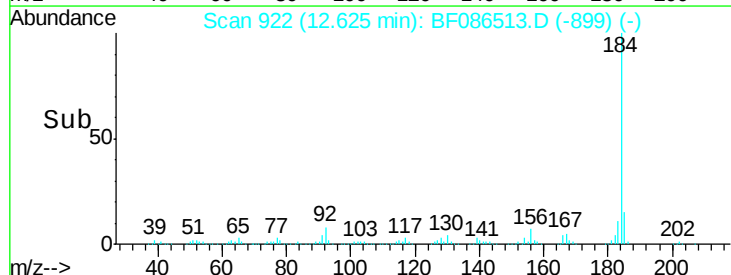
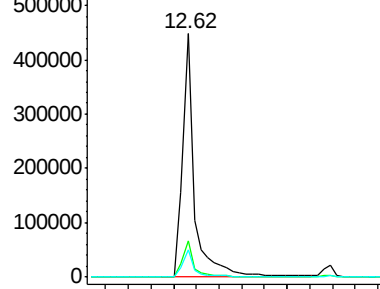
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 631320 |       |       |
| 185     | 14.8  | 13.6   | 20.4  |       |
| 183     | 11.4  | 9.8    | 14.6  |       |



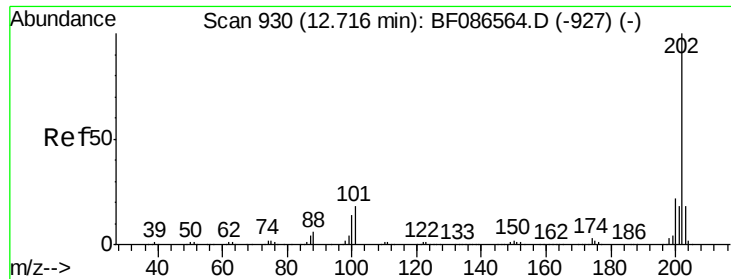
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



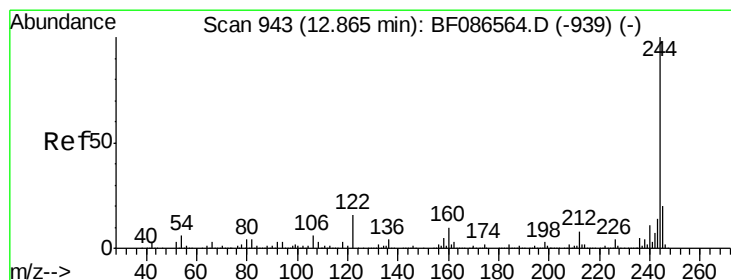
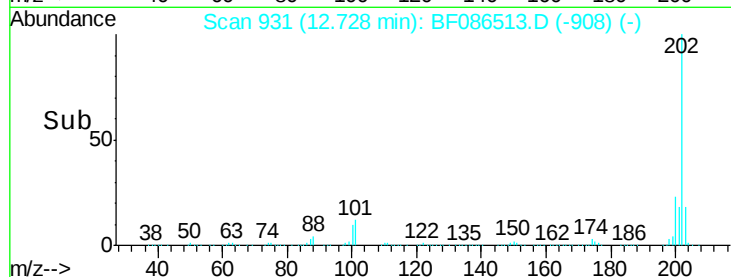
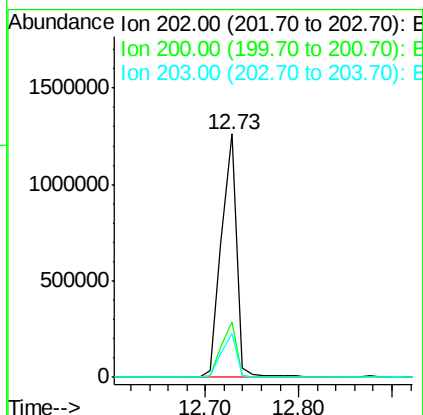
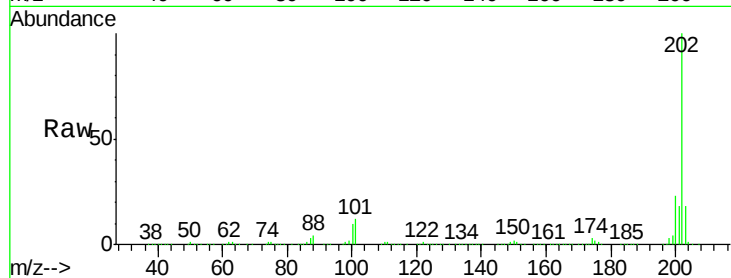
#77  
 Pyrene  
 Concen: 46.83 ng  
 RT: 12.73 min Scan# 931  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.6  | 17.7  | 26.5  |
| 203     | 17.8  | 14.2  | 21.4  |

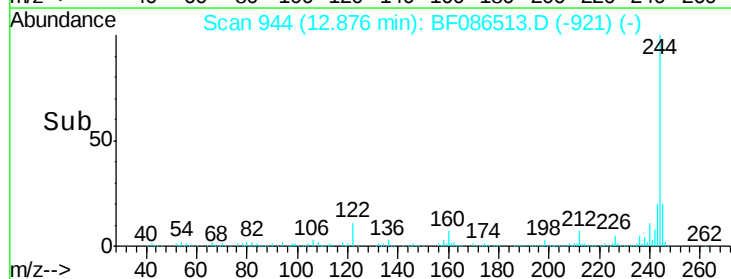
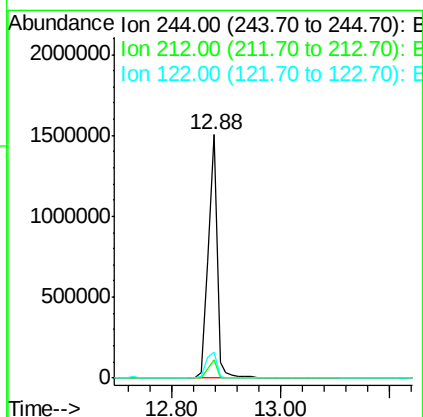
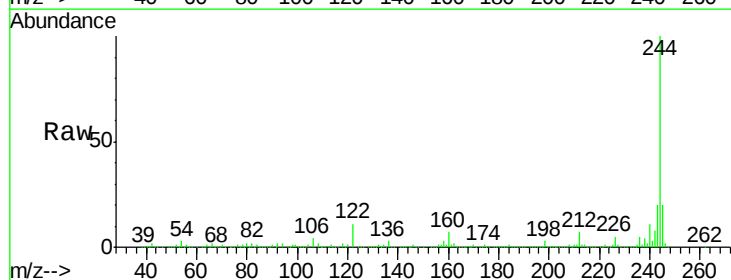
Manual Integrations  
 APPROVED

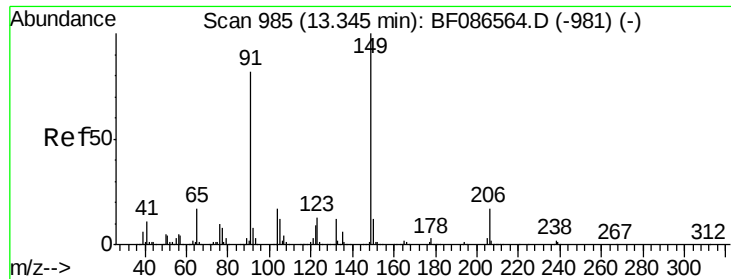
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#78  
 Terphenyl-d14  
 Concen: 89.05 ng  
 RT: 12.88 min Scan# 944  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.3   | 6.2   | 9.2   |
| 122     | 10.5  | 12.0  | 18.0# |





#79

Butylbenzylphthalate

Concen: 40.49 ng

RT: 13.34 min Scan# 985

Delta R.T. -0.03 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

Instrument :

BNA\_F

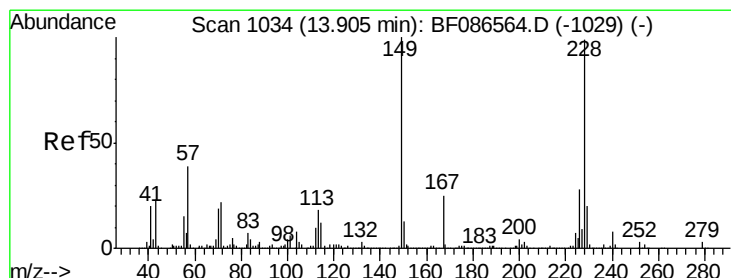
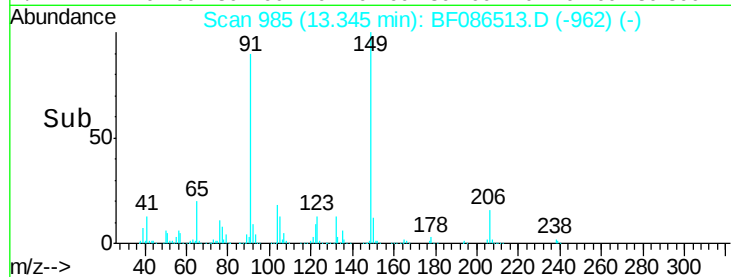
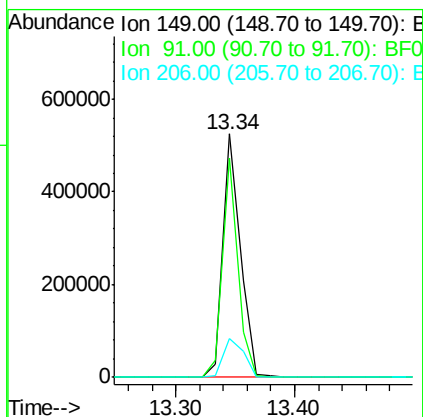
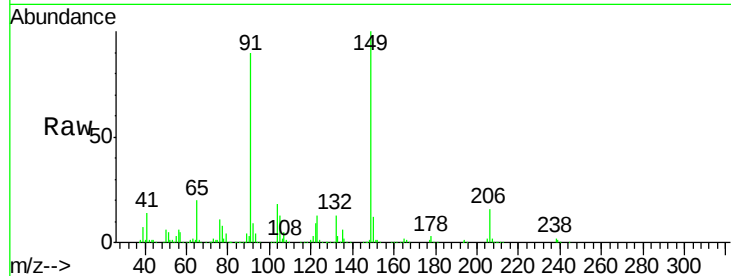
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 532519 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 90.0  | 48.0  | 72.0#  |
| 206       | 15.8  | 15.8  | 23.6   |

Manual Integrations  
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#80

Benzo(a)anthracene

Concen: 42.25 ng

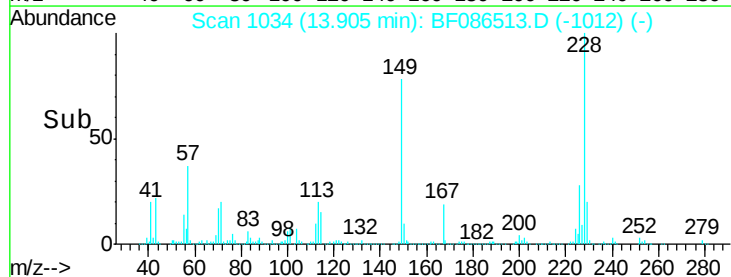
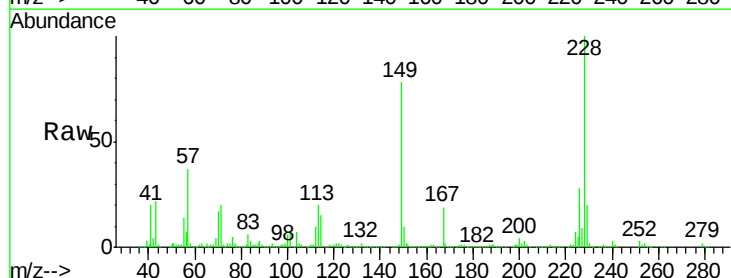
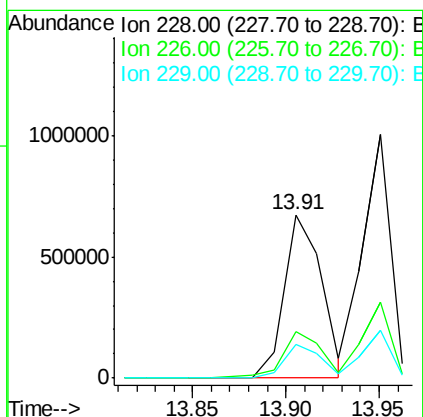
RT: 13.91 min Scan# 1034

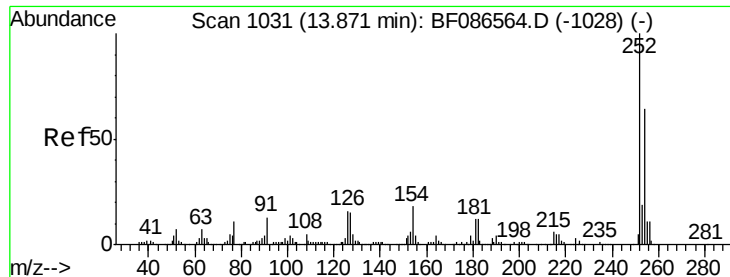
Delta R.T. -0.05 min

Lab File: BF086513.D

Acq: 30 Apr 2016 9:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 949294 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.1  | 22.5  | 33.7   |
| 229       | 20.4  | 16.6  | 25.0   |





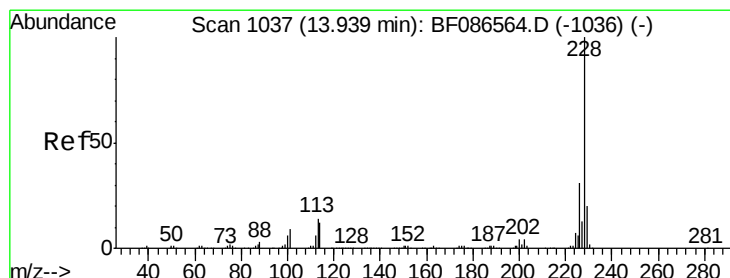
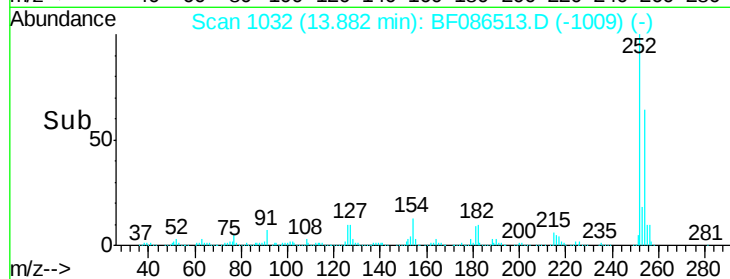
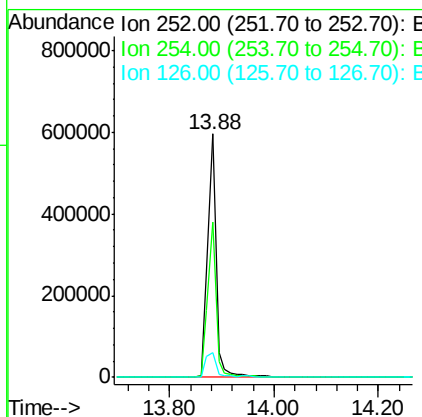
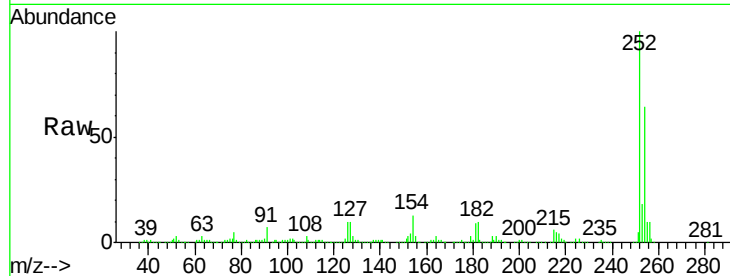
#81  
 3,3'-Dichlorobenzidine  
 Concen: 45.51 ng  
 RT: 13.88 min Scan# 1032  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 63.6  | 50.7       | 76.1       |
| 126     | 10.3  | 12.7       | 19.1       |

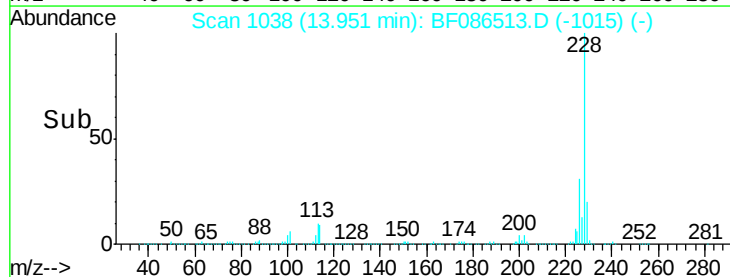
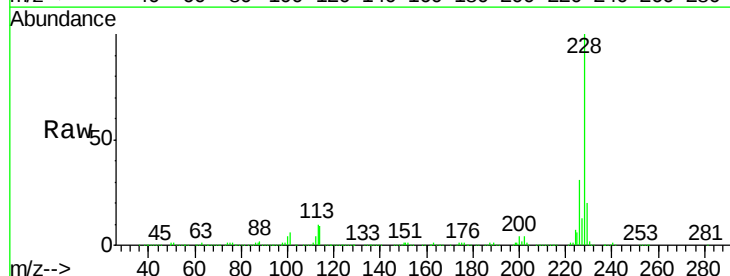
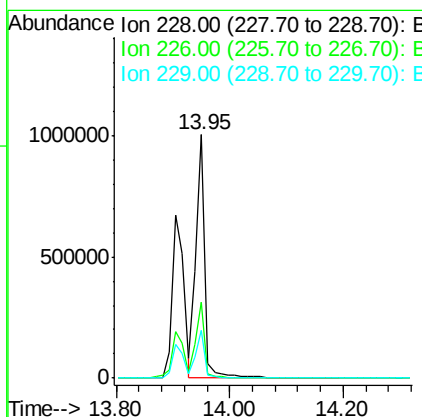
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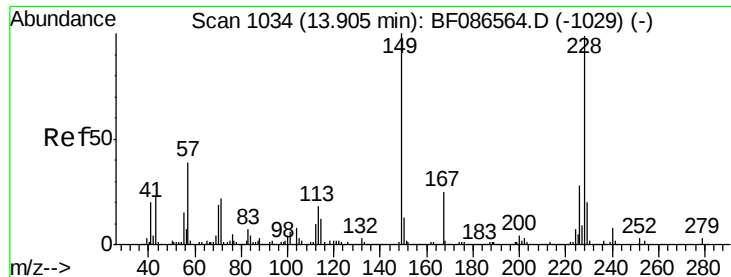
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#82  
 Chrysene  
 Concen: 45.06 ng  
 RT: 13.95 min Scan# 1038  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 31.4  | 24.4       | 36.6       |
| 229     | 19.9  | 15.8       | 23.8       |





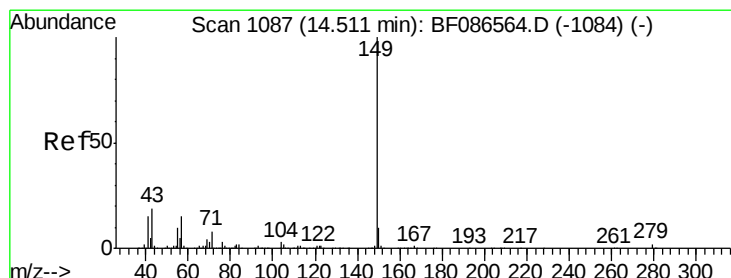
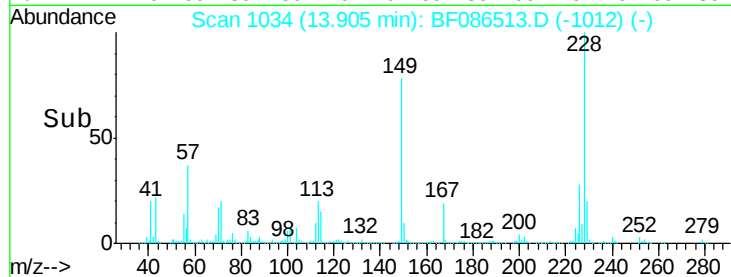
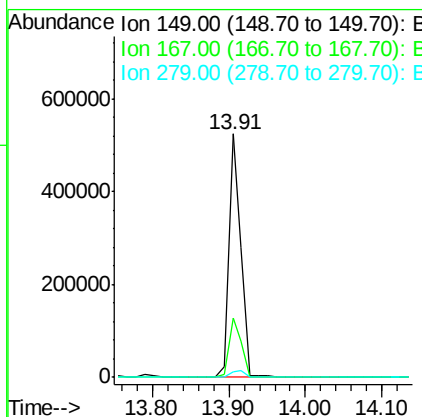
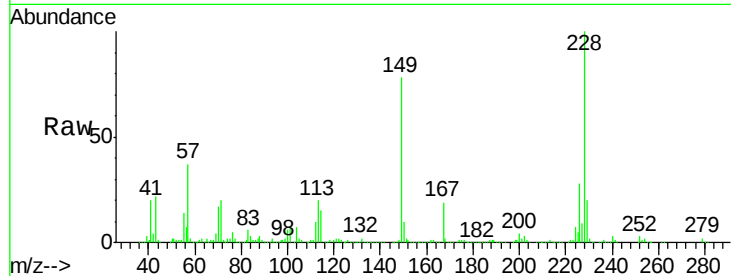
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 35.29 ng  
 RT: 13.91 min Scan# 1034  
 Delta R.T. -0.05 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 576066 |       |       |
| 167     | 24.6  | 21.8   | 32.6  |       |
| 279     | 2.0   | 2.6    | 4.0   |       |

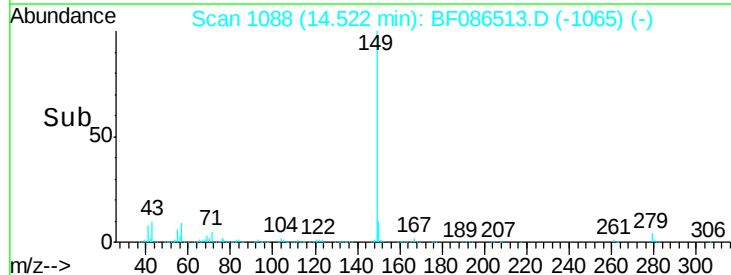
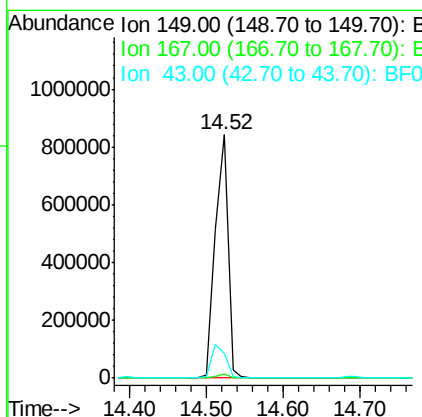
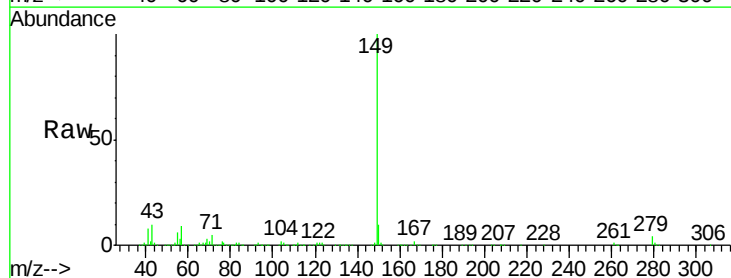
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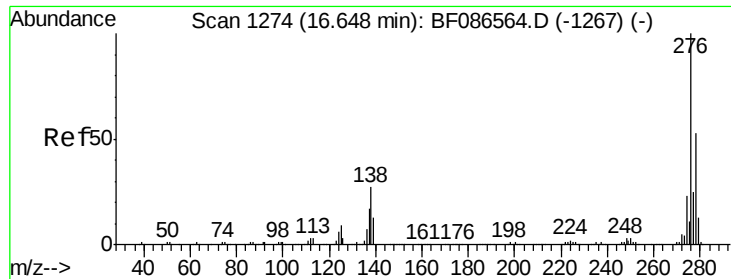
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#84  
 Di-n-octyl phthalate  
 Concen: 37.91 ng  
 RT: 14.52 min Scan# 1088  
 Delta R.T. -0.03 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 969232 |       |       |
| 167     | 1.5   | 1.2    | 1.8   |       |
| 43      | 14.9  | 8.2    | 12.4  |       |





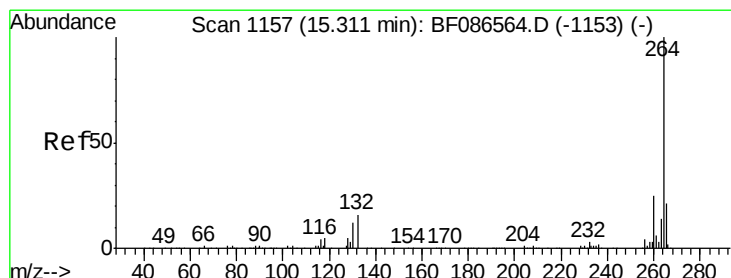
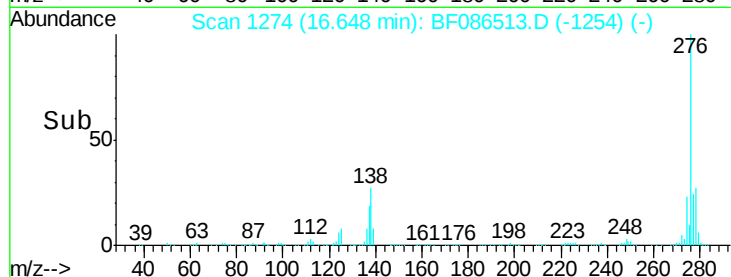
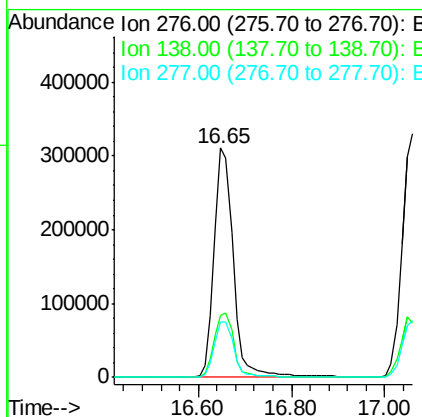
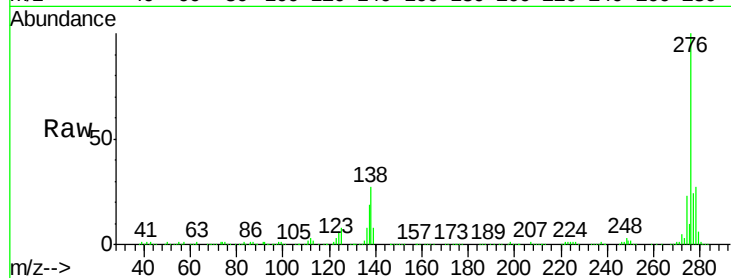
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 49.49 ng  
 RT: 16.65 min Scan# 1274  
 Delta R.T. -0.07 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 895516 |       |       |
| 138     | 29.5  | 25.6   | 38.4  |       |
| 277     | 25.2  | 20.5   | 30.7  |       |

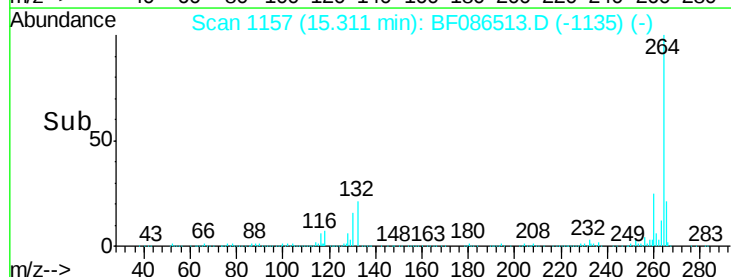
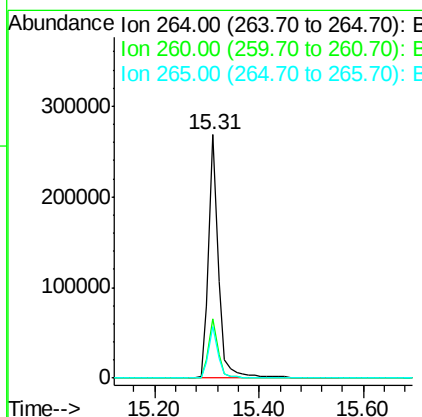
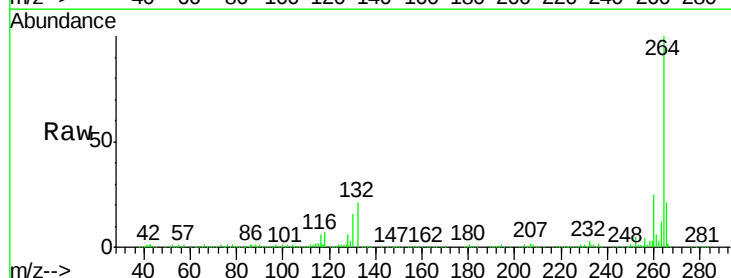
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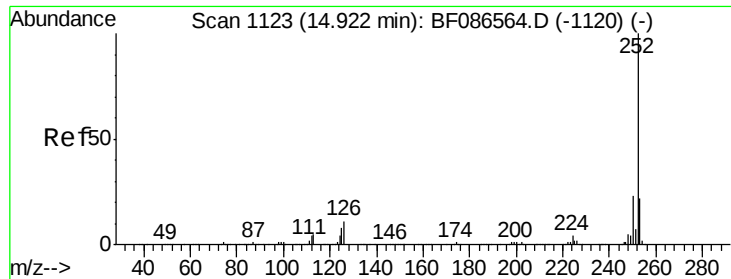
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.31 min Scan# 1157  
 Delta R.T. -0.05 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 356119 |       |       |
| 260     | 24.6  | 19.5   | 29.3  |       |
| 265     | 20.9  | 17.3   | 25.9  |       |





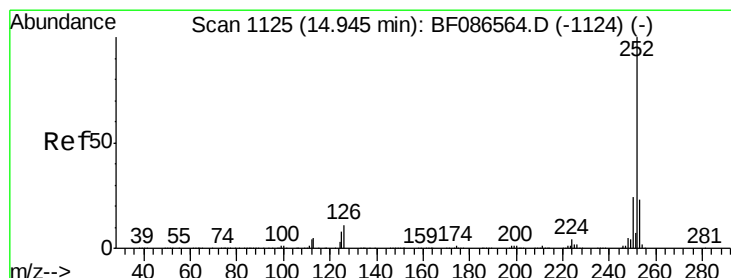
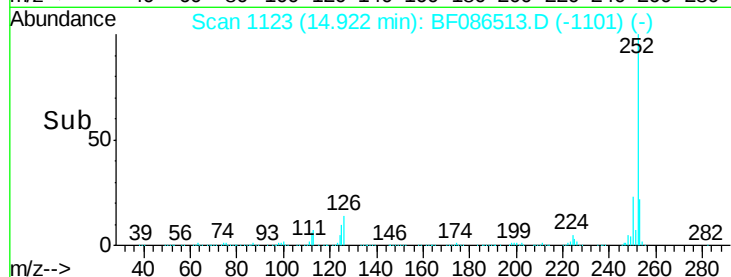
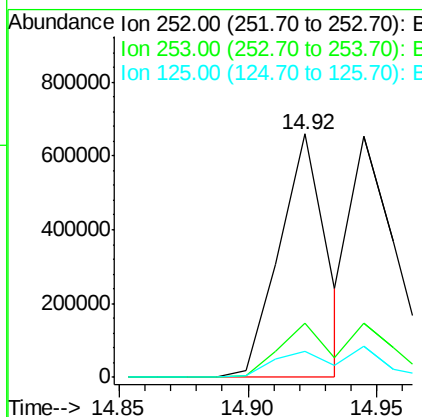
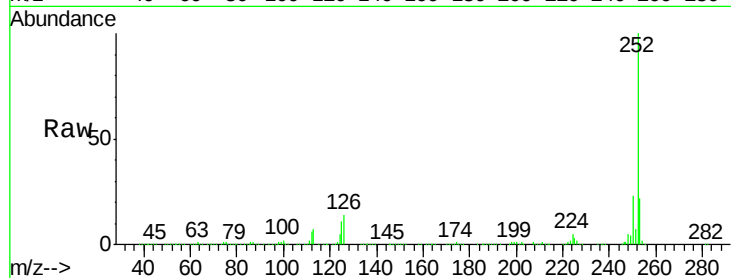
#87  
Benzo(b)fluoranthene  
Concen: 40.07 ng m  
RT: 14.92 min Scan# 1123  
Delta R.T. -0.05 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.8  | 26.6  |
| 125     | 10.5  | 11.4  | 17.0  |

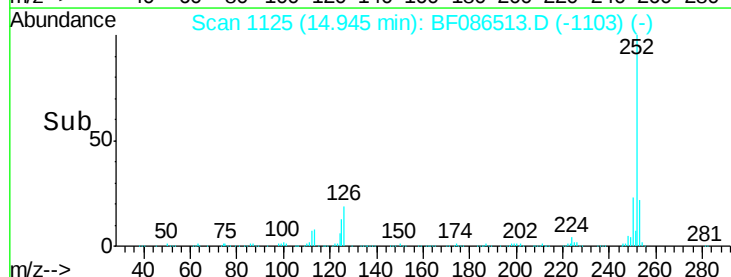
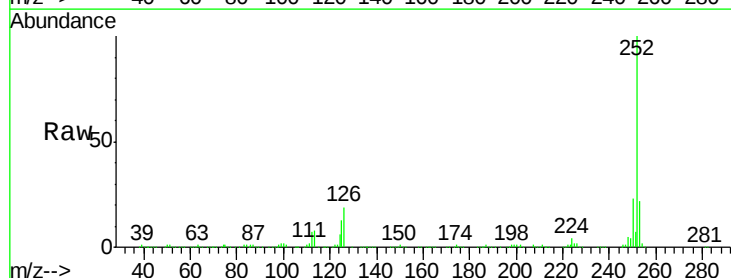
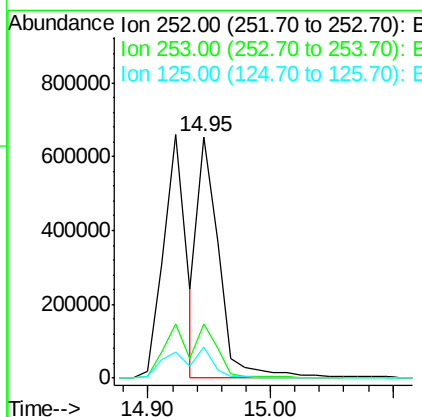
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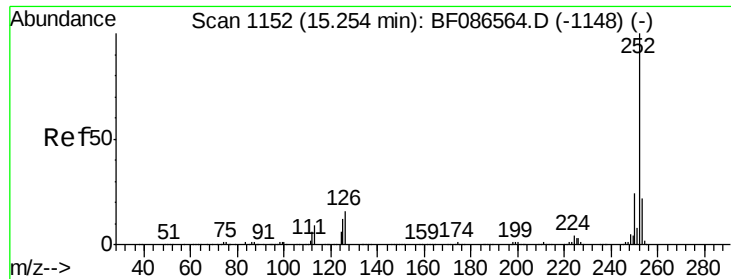
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#88  
Benzo(k)fluoranthene  
Concen: 37.15 ng m  
RT: 14.95 min Scan# 1125  
Delta R.T. -0.05 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 17.8  | 26.6  |
| 125     | 13.2  | 9.1   | 13.7  |





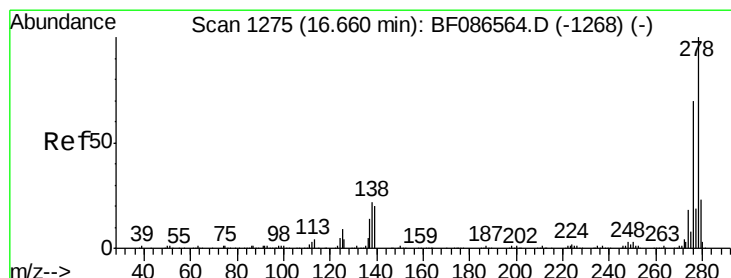
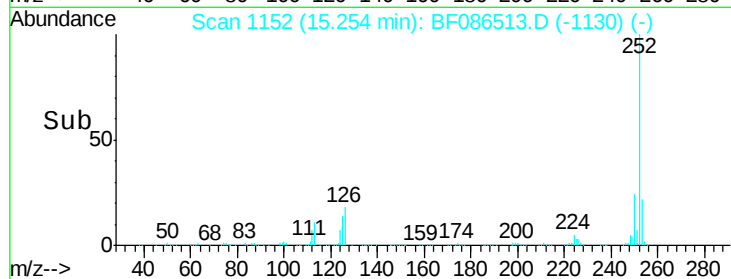
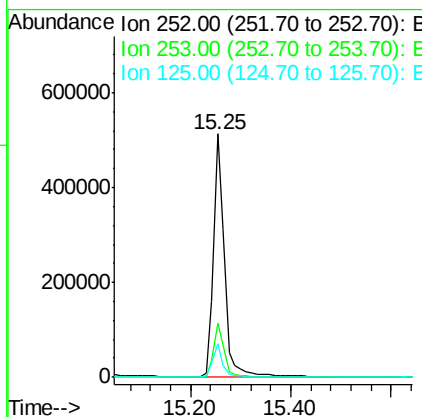
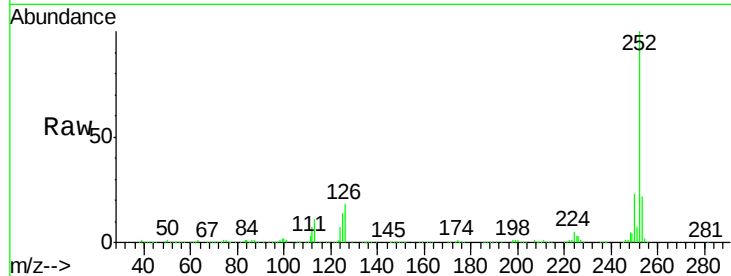
#89  
Benzo(a)pyrene  
Concen: 39.00 ng  
RT: 15.25 min Scan# 1152  
Delta R.T. -0.05 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.2  | 25.8  |
| 125     | 14.0  | 9.0   | 13.6  |

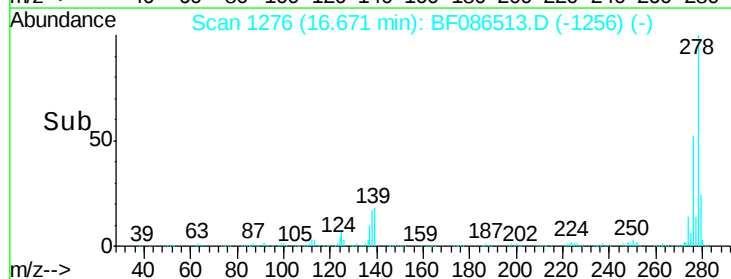
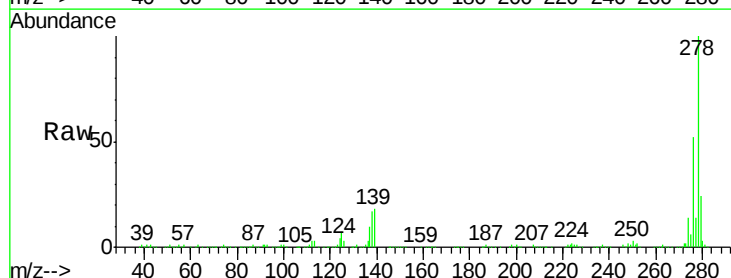
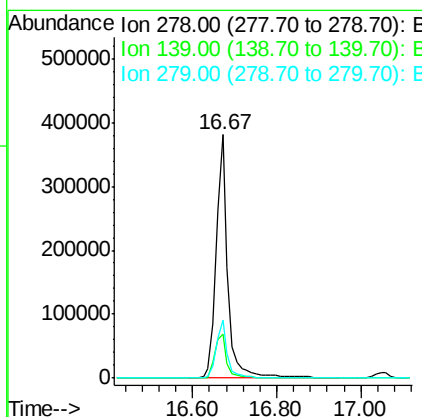
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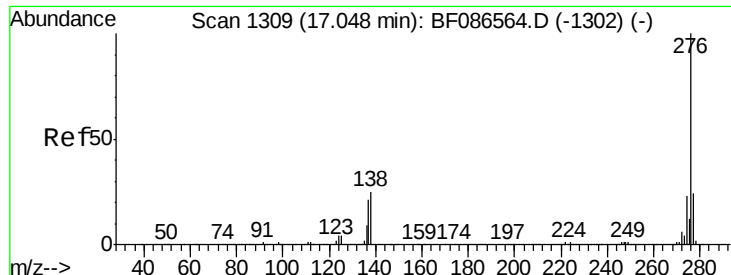
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#90  
Dibenzo(a,h)anthracene  
Concen: 45.64 ng  
RT: 16.67 min Scan# 1276  
Delta R.T. -0.07 min  
Lab File: BF086513.D  
Acq: 30 Apr 2016 9:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.8  | 16.6  | 24.8  |
| 279     | 24.1  | 19.6  | 29.4  |





#91  
 Benzo(g,h,i)perylene  
 Concen: 46.70 ng  
 RT: 17.06 min Scan# 1310  
 Delta R.T. -0.07 min  
 Lab File: BF086513.D  
 Acq: 30 Apr 2016 9:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 276     | 100   |            |            |
| 277     | 23.3  | 19.6       | 29.4       |
| 138     | 22.3  | 23.6       | 35.4       |

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