

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\  
 Data File : BF097594.D  
 Acq On : 11 Aug 2017 14:06  
 Operator : SJ/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

sohil  
 8/14/2017 6:38:34 PM

Quant Time: Aug 11 15:18:57 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 11 14:33:04 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.51  | 152  | 108514   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 9.54  | 136  | 452855   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 12.37 | 164  | 178008   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 14.76 | 188  | 293832   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 18.46 | 240  | 175537   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 20.13 | 264  | 177097   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.40  | 112 | 713056  | 104.71 | ng | 0.00 |
| 7) Phenol-d6             | 7.06  | 99  | 824436  | 101.12 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.43  | 82  | 737065  | 101.08 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 13.66 | 330 | 136316  | 86.55  | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 11.32 | 172 | 1132797 | 88.56  | ng | 0.00 |
| 78) Terphenyl-d14        | 17.12 | 244 | 785513  | 111.06 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 1.83  | 88  | 153797  | 47.473 | ng | # 72   |
| 3) Pyridine                    | 2.40  | 79  | 446479  | 58.639 | ng | # 61   |
| 4) n-Nitrosodimethylamine      | 2.38  | 42  | 258839  | 89.418 | ng | # 78   |
| 6) Aniline                     | 7.00  | 93  | 584770  | 54.826 | ng | 98     |
| 8) 2-Chlorophenol              | 7.19  | 128 | 383790  | 53.004 | ng | 94     |
| 9) Benzaldehyde                | 6.82  | 77  | 259075  | 47.110 | ng | 99     |
| 10) Phenol                     | 7.07  | 94  | 432495  | 51.139 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 7.15  | 93  | 350536  | 52.322 | ng | 89     |
| 12) 1,3-Dichlorobenzene        | 7.41  | 146 | 428071  | 52.231 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.54  | 146 | 438803  | 52.796 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 7.77  | 146 | 401514  | 52.403 | ng | 99     |
| 15) Benzyl Alcohol             | 7.80  | 79  | 308653  | 55.159 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.00  | 45  | 808563  | 85.900 | ng | 91     |
| 17) 2-Methylphenol             | 8.02  | 107 | 294307  | 48.433 | ng | 95     |
| 18) Hexachloroethane           | 8.29  | 117 | 147516  | 53.740 | ng | # 84   |
| 19) n-Nitroso-di-n-propylamine | 8.24  | 70  | 296655  | 57.418 | ng | # 83   |
| 20) 3+4-Methylphenols          | 8.28  | 107 | 383367  | 49.701 | ng | # 61   |
| 22) Acetophenone               | 8.20  | 105 | 534418  | 50.419 | ng | # 97   |
| 24) Nitrobenzene               | 8.46  | 77  | 403637  | 51.820 | ng | 95     |
| 25) Isophorone                 | 8.86  | 82  | 673821  | 49.490 | ng | 97     |
| 26) 2-Nitrophenol              | 8.96  | 139 | 212299  | 52.050 | ng | # 87   |
| 27) 2,4-Dimethylphenol         | 9.10  | 122 | 337846  | 53.373 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 9.23  | 93  | 480406  | 53.528 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 9.38  | 162 | 299975  | 49.207 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 9.47  | 180 | 294298  | 46.395 | ng | 97     |
| 31) Naphthalene                | 9.57  | 128 | 1096640 | 48.252 | ng | 100    |
| 32) Benzoic acid               | 9.46  | 122 | 200335  | 54.850 | ng | 95     |
| 33) 4-Chloroaniline            | 9.72  | 127 | 460714  | 51.864 | ng | 99     |
| 34) Hexachlorobutadiene        | 9.80  | 225 | 157577  | 48.076 | ng | 96     |
| 35) Caprolactam                | 10.36 | 113 | 96989m  | 53.467 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 10.58 | 107 | 332826  | 52.154 | ng | 88     |
| 37) 2-Methylnaphthalene        | 10.70 | 142 | 680720  | 44.330 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.98 | 216 | 258513  | 48.524 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 10.96 | 237 | 39683   | 32.312 | ng | 98     |

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

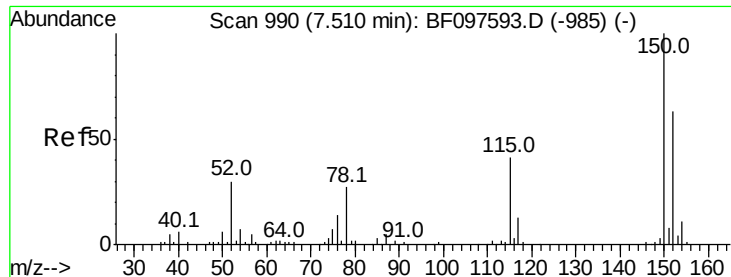
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 8/14/2017 6:38:34 PM

Quant Time: Aug 11 15:18:57 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 11.20 | 196  | 172739   | 50.430 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 11.28 | 196  | 138104   | 37.905 | nq    | 100      |
| 45) 1,1'-Biphenyl              | 11.47 | 154  | 760151   | 51.812 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 11.49 | 162  | 570731   | 49.788 | nq #  | 92       |
| 47) 2-Nitroaniline             | 11.70 | 65   | 238495   | 71.097 | nq    | 96       |
| 48) Acenaphthylene             | 12.14 | 152  | 933625   | 47.630 | nq    | 99       |
| 49) Dimethylphthalate          | 12.02 | 163  | 701904   | 51.933 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 12.12 | 165  | 146554   | 49.713 | nq #  | 72       |
| 51) Acenaphthene               | 12.42 | 154  | 546717   | 48.293 | nq    | 100      |
| 52) 3-Nitroaniline             | 12.38 | 138  | 188856   | 54.985 | nq    | 91       |
| 53) 2,4-Dinitrophenol          | 12.59 | 184  | 64542    | 45.328 | nq #  | 72       |
| 54) Dibenzofuran               | 12.71 | 168  | 766223   | 48.089 | nq    | 98       |
| 55) 4-Nitrophenol              | 12.77 | 139  | 84458    | 47.264 | nq #  | 48       |
| 56) 2,4-Dinitrotoluene         | 12.78 | 165  | 197637   | 49.634 | nq #  | 77       |
| 57) Fluorene                   | 13.26 | 166  | 617629   | 44.543 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 12.95 | 232  | 118690   | 47.612 | nq #  | 99       |
| 59) Diethylphthalate           | 13.17 | 149  | 631403   | 48.543 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 13.29 | 204  | 257252   | 42.663 | nq    | 97       |
| 61) 4-Nitroaniline             | 13.38 | 138  | 165683   | 51.665 | nq    | 94       |
| 62) Azobenzene                 | 13.55 | 77   | 635765   | 53.932 | nq    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 13.45 | 198  | 95957    | 49.683 | nq    | 88       |
| 65) n-Nitrosodiphenylamine     | 13.50 | 169  | 548413   | 51.942 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 14.07 | 248  | 156440   | 51.229 | nq    | 97       |
| 67) Hexachlorobenzene          | 14.16 | 284  | 170025   | 56.503 | nq #  | 89       |
| 68) Atrazine                   | 14.42 | 200  | 137828   | 46.905 | nq    | 95       |
| 69) Pentachlorophenol          | 14.52 | 266  | 34426m   | 34.923 | nq    |          |
| 70) Phenanthrene               | 14.80 | 178  | 842959   | 49.721 | nq    | 99       |
| 71) Anthracene                 | 14.89 | 178  | 863680   | 48.796 | nq    | 98       |
| 72) Carbazole                  | 15.17 | 167  | 837550   | 48.558 | nq    | 99       |
| 73) Di-n-butylphthalate        | 15.76 | 149  | 1007319  | 54.892 | nq    | 98       |
| 74) Fluoranthene               | 16.57 | 202  | 651043   | 38.798 | nq    | 97       |
| 76) Benzidine                  | 16.79 | 184  | 258457   | 38.337 | nq    | 99       |
| 77) Pyrene                     | 16.87 | 202  | 662838   | 50.607 | nq    | 99       |
| 79) Butylbenzylphthalate       | 17.79 | 149  | 304131   | 53.168 | nq #  | 82       |
| 80) Benzo(a)anthracene         | 18.45 | 228  | 508249   | 49.800 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 18.43 | 252  | 172261   | 47.475 | nq #  | 93       |
| 82) Chrysene                   | 18.50 | 228  | 489946   | 48.038 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 18.53 | 149  | 458578   | 56.832 | nq    | 100      |
| 84) Di-n-octyl phthalate       | 19.30 | 149  | 939081   | 70.628 | nq #  | 91       |
| 85) Indeno(1,2,3-cd)pyrene     | 21.35 | 276  | 429022   | 49.163 | nq    | 97       |
| 87) Benzo(b)fluoranthene       | 19.72 | 252  | 497007   | 44.819 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 19.75 | 252  | 533600   | 50.342 | nq    | 97       |
| 89) Benzo(a)pyrene             | 20.07 | 252  | 470445   | 46.157 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 21.35 | 278  | 372010   | 43.028 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 21.69 | 276  | 410249   | 46.544 | nq    | 99       |

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





#1

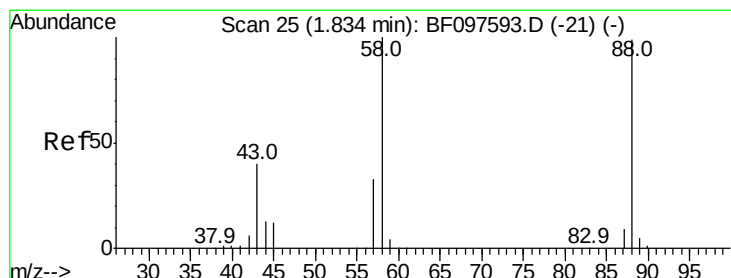
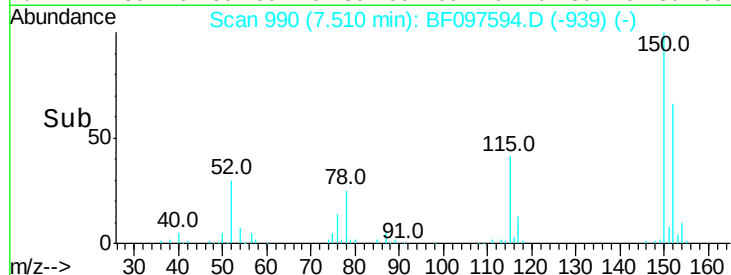
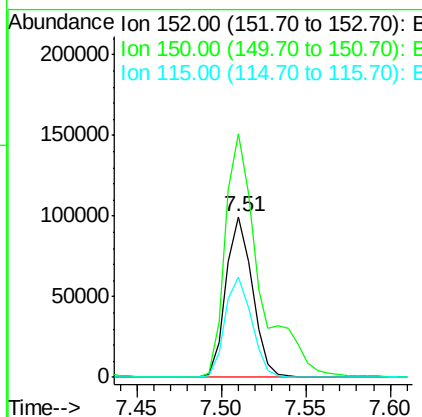
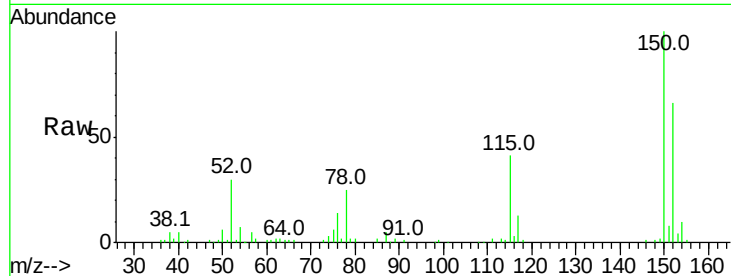
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.51 min Scan# 990  
Delta R.T. -0.00 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 151.5 | 126.2 | 189.2 |
| 115     | 62.5  | 52.2  | 78.2  |

Manual Integrations  
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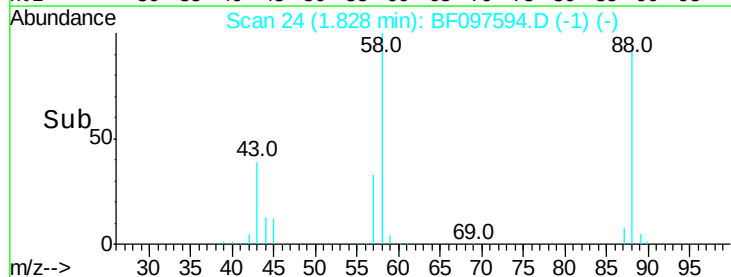
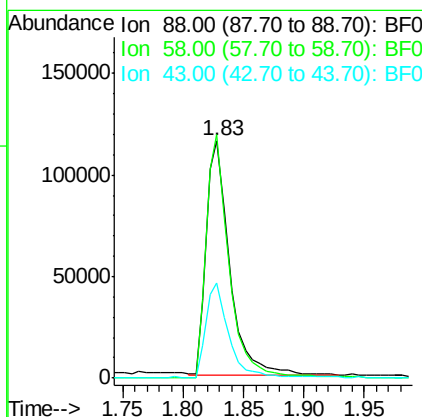
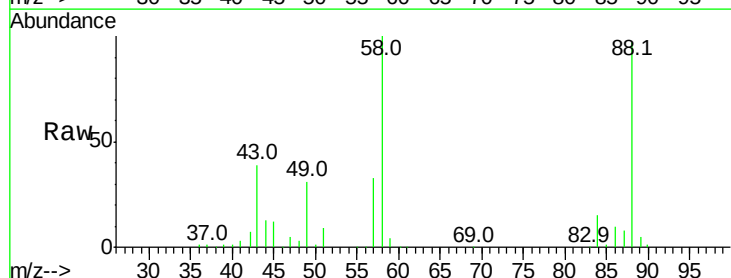
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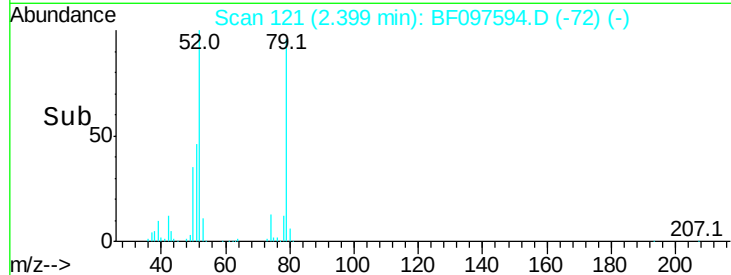
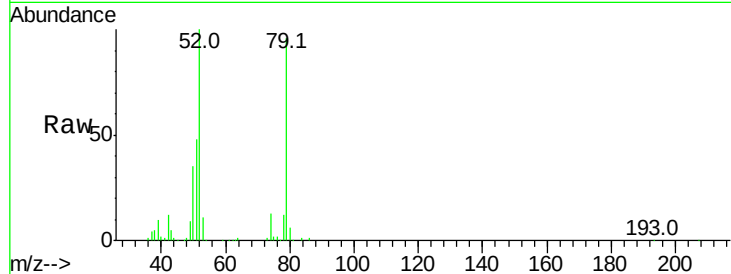
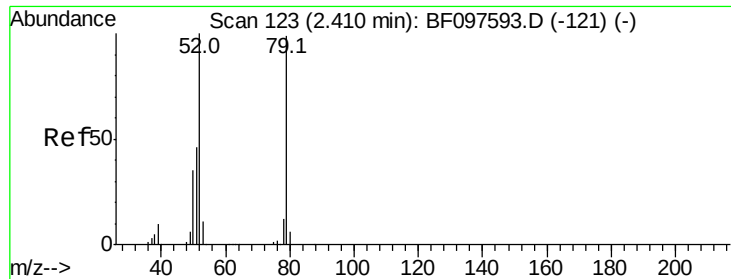


#2

1,4-Dioxane  
Concen: 47.473 ng  
RT: 1.83 min Scan# 24  
Delta R.T. -0.01 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 102.8 | 61.4  | 92.0# |
| 43      | 40.4  | 23.4  | 35.0# |





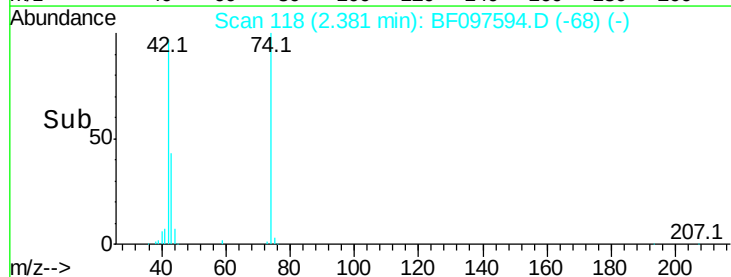
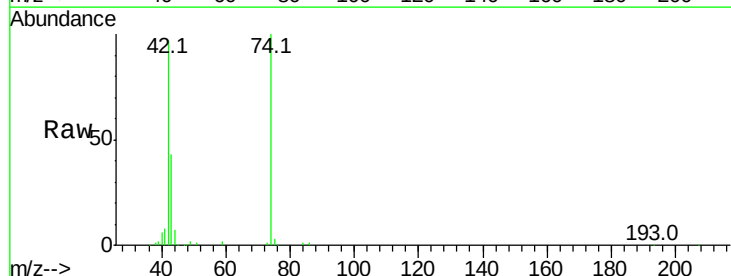
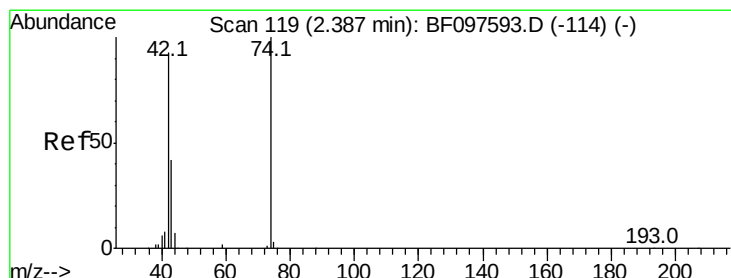
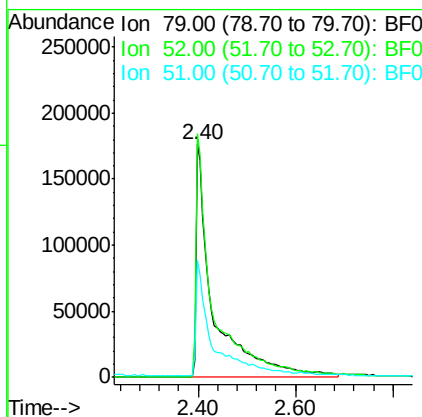
#3  
Pvridine  
Concen: 58.639 ng  
RT: 2.40 min Scan# 121  
Delta R.T. -0.01 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 104.5 | 54.8  | 82.2# |
| 51      | 50.2  | 27.0  | 40.4# |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

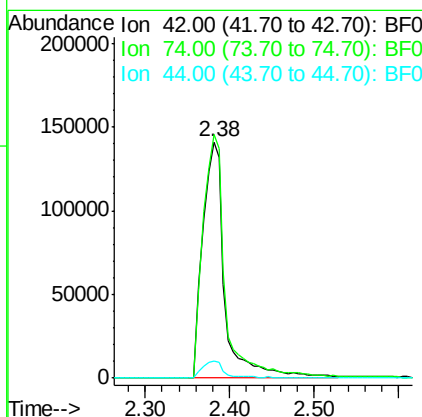
Manual Integrations  
APPROVED

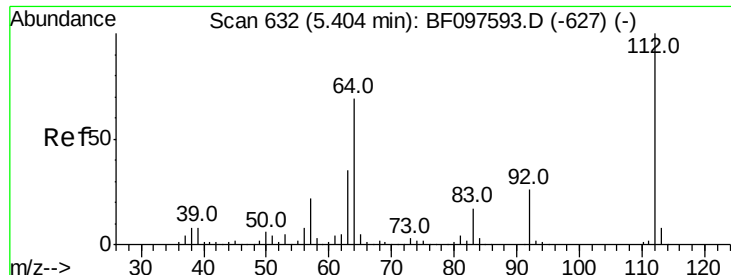
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8/14/2017 6:38:34 PM



#4  
n-Nitrosodimethylamine  
Concen: 89.418 ng  
RT: 2.38 min Scan# 118  
Delta R.T. -0.01 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 42      | 100   |       |        |
| 74      | 103.0 | 103.9 | 155.9# |
| 44      | 7.4   | 5.7   | 8.5    |





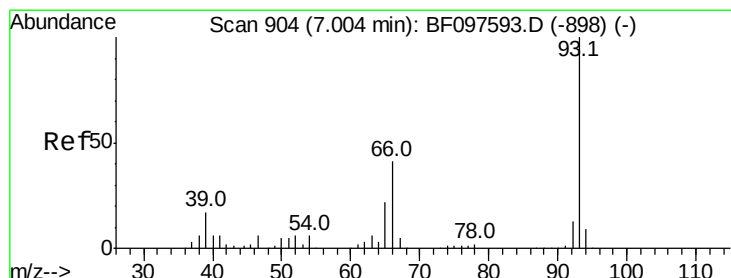
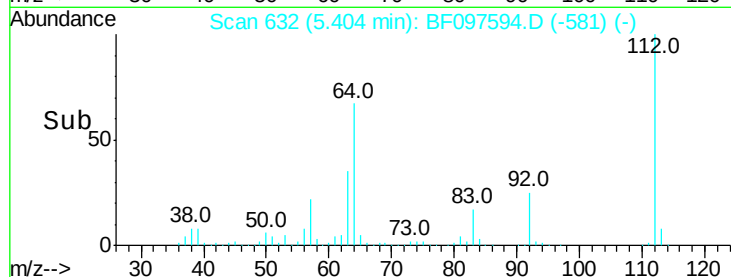
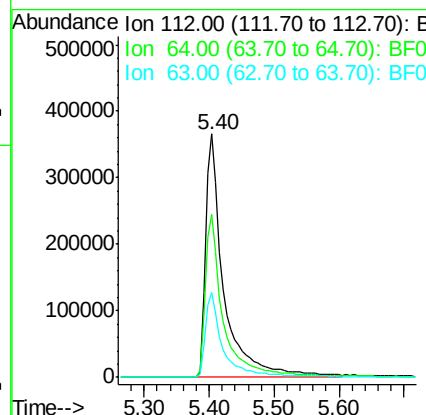
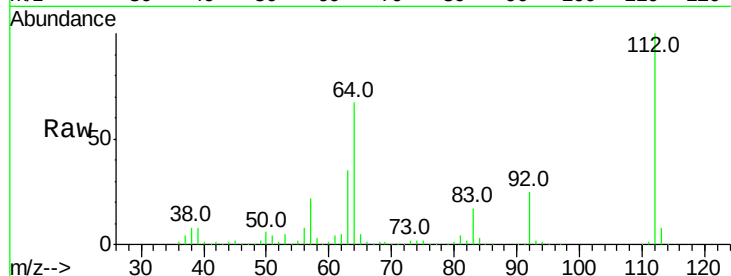
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2-Fluorophenol  
Concen: 104.707 ng  
RT: 5.40 min Scan# 632  
Delta R.T. -0.00 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 112     | 100   |            |       |
| 64      | 67.2  | 46.0       | 69.0  |
| 63      | 35.0  | 23.4       | 35.0# |

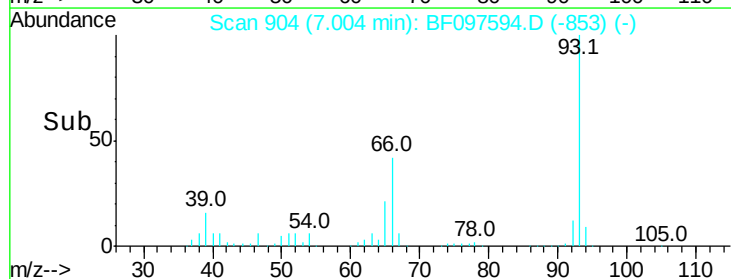
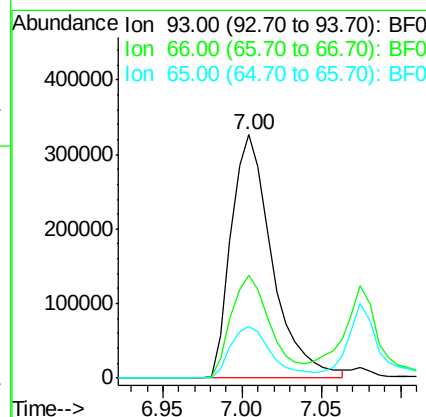
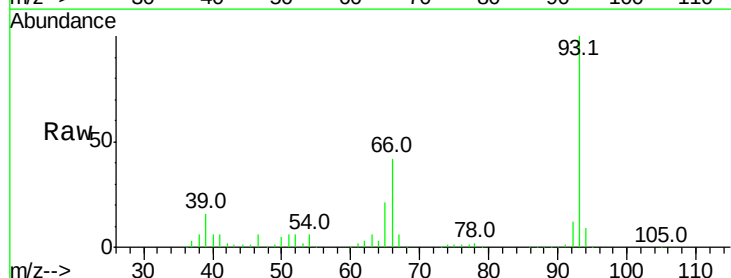
Manual Integrations  
APPROVED

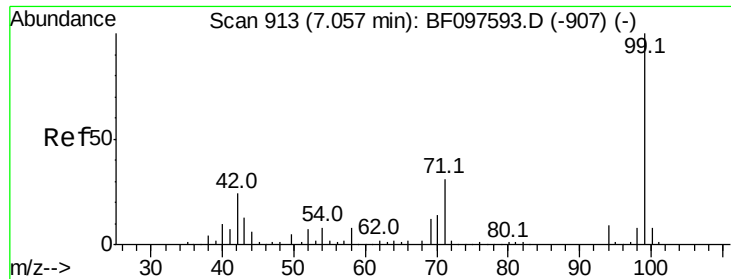
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#6  
Aniline  
Concen: 54.826 ng  
RT: 7.00 min Scan# 904  
Delta R.T. -0.00 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 93      | 100   |            |       |
| 66      | 42.5  | 32.9       | 49.3  |
| 65      | 21.1  | 16.0       | 24.0  |





#7

Phenol-d6

Concen: 101.124 ng

RT: 7.06 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tot Ion: 99 Resp: 824436

Ion Ratio Lower Upper

99 100

42 25.3 13.5 20.3#

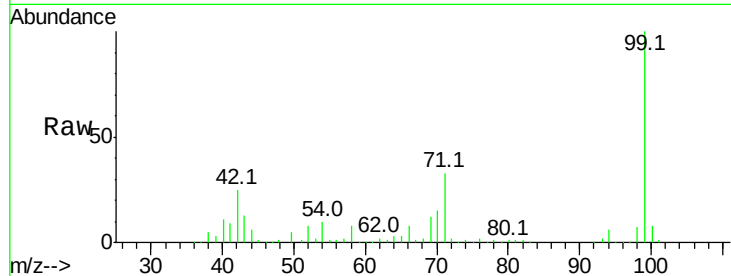
71 32.7 24.5 36.7

Manual Integrations

APPROVED

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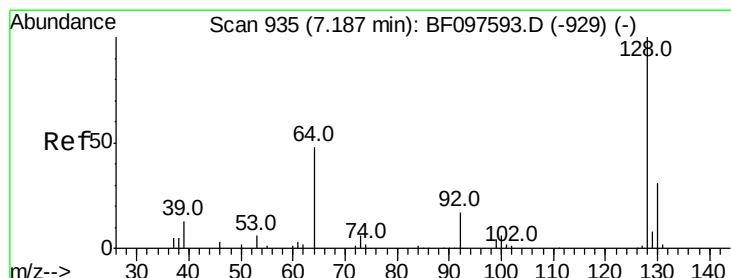
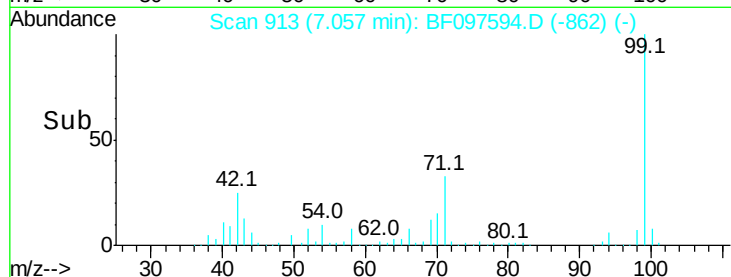
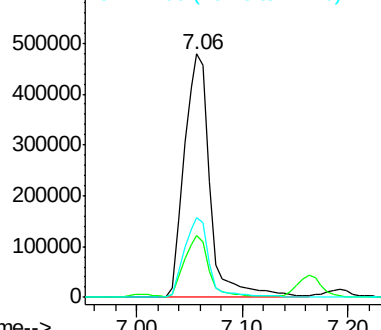
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 53.004 ng

RT: 7.19 min Scan# 936

Delta R.T. 0.01 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

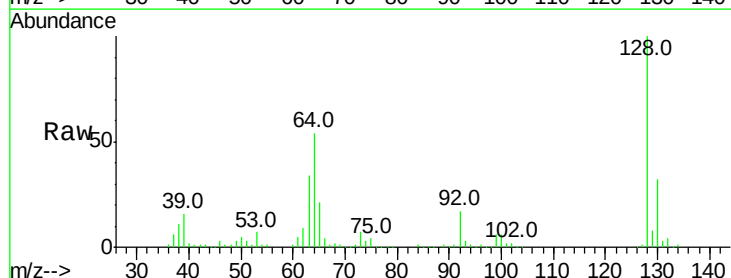
Tgt Ion:128 Resp: 383790

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

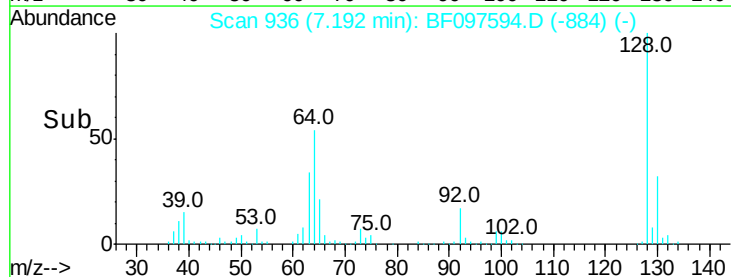
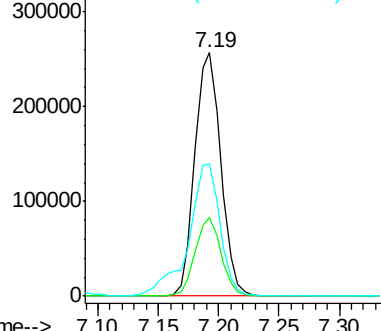
64 54.3 28.4 68.4



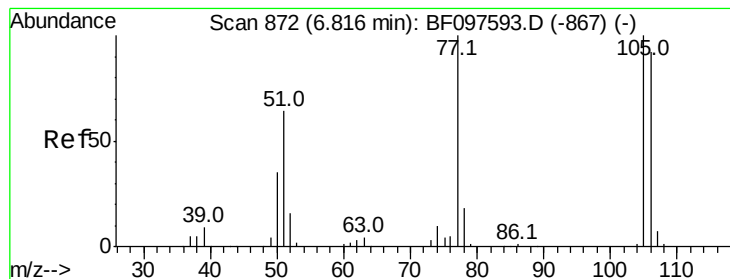
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0







#9

Benzaldehyde

Concen: 47.110 ng

RT: 6.82 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

Instrument :

BNA\_F

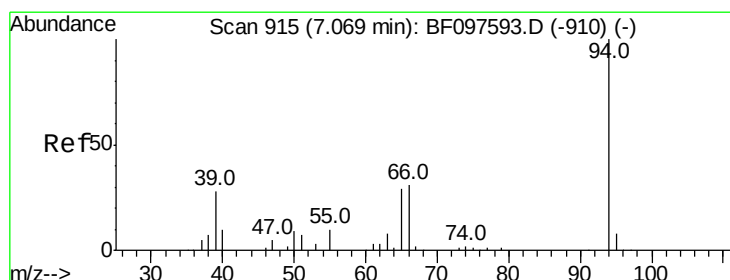
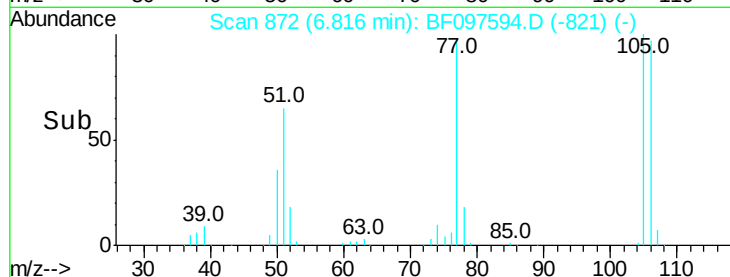
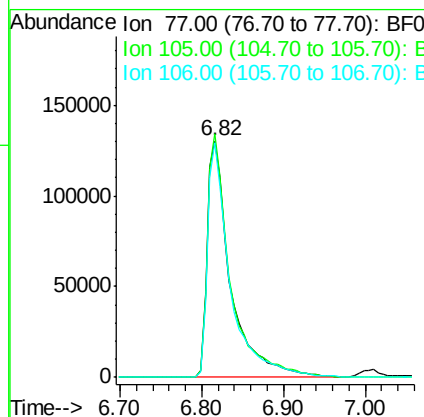
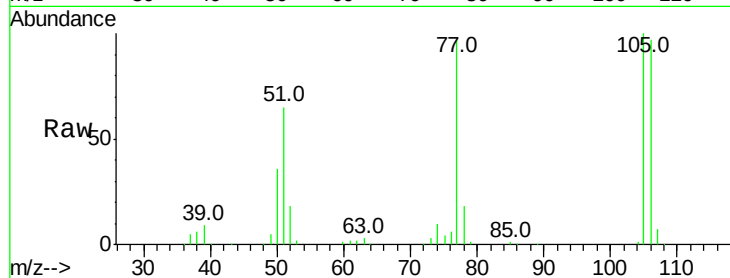
ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 259075 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 103.0 | 83.8  | 123.8  |
| 106       | 99.5  | 79.1  | 119.1  |

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#10

Phenol

Concen: 51.139 ng

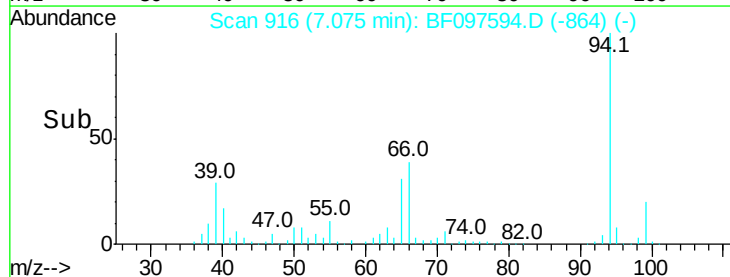
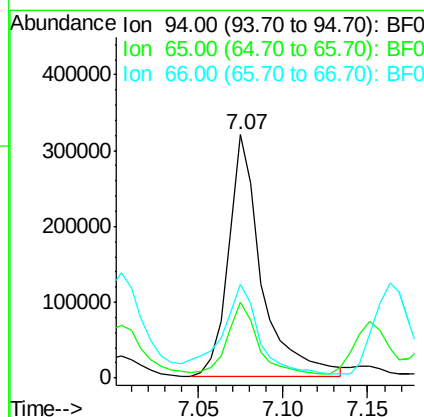
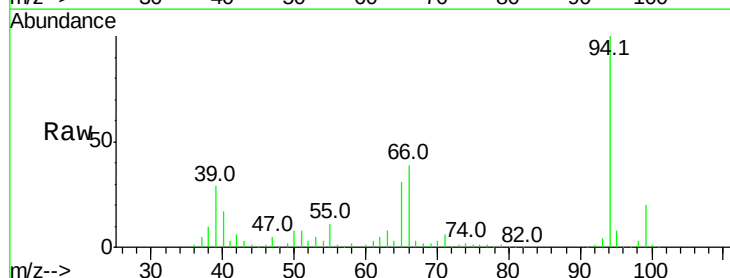
RT: 7.07 min Scan# 916

Delta R.T. 0.01 min

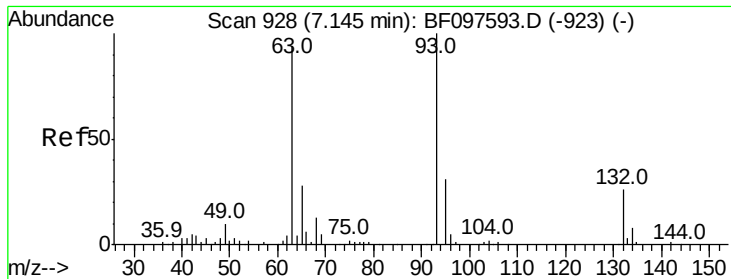
Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 432495 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 31.3  | 9.9   | 49.9   |
| 66        | 38.7  | 23.1  | 63.1   |







#11

bis(2-Chloroethyl)ether

Concen: 52.322 ng

RT: 7.15 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

Instrument :

BNA\_F

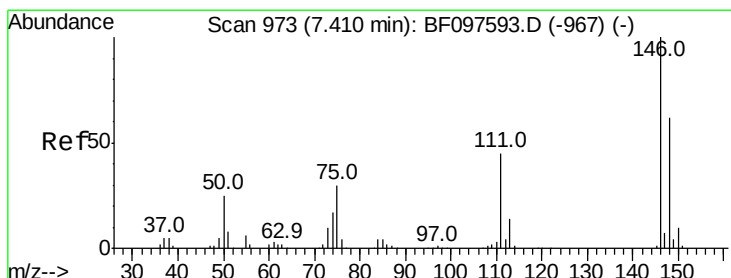
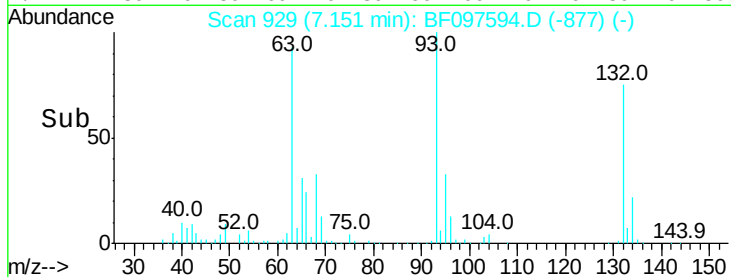
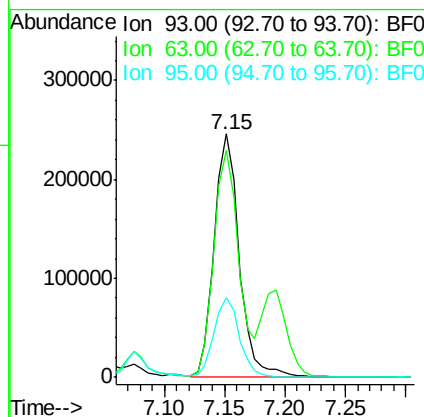
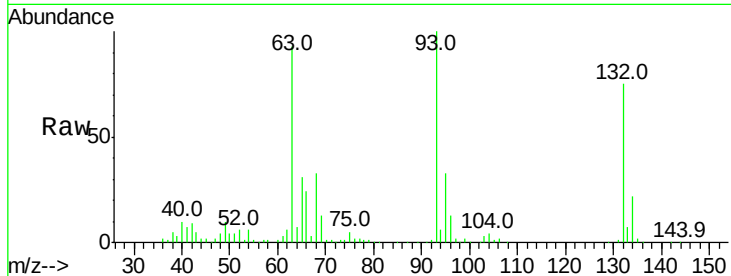
ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 350536 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 93.1  | 59.2  | 99.2   |
| 95        | 32.5  | 12.8  | 52.8   |

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#12

1,3-Dichlorobenzene

Concen: 52.231 ng

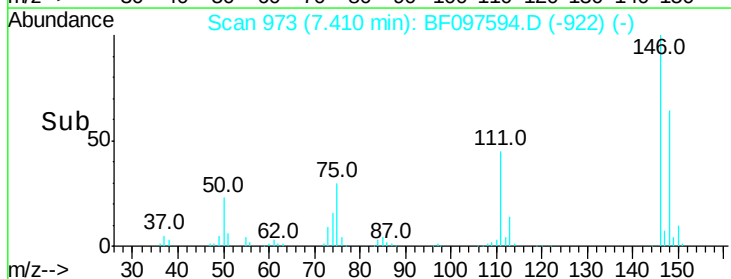
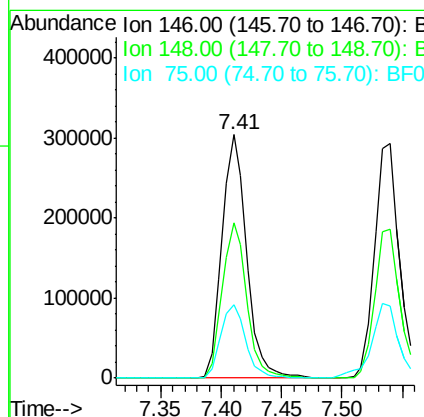
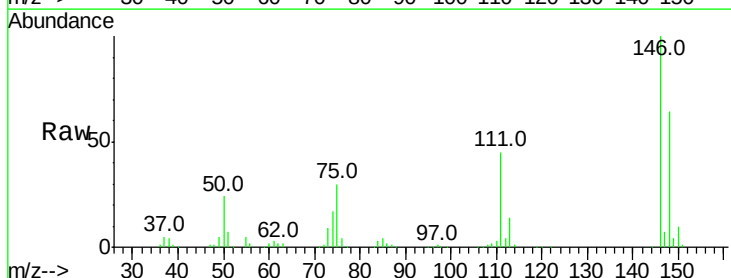
RT: 7.41 min Scan# 973

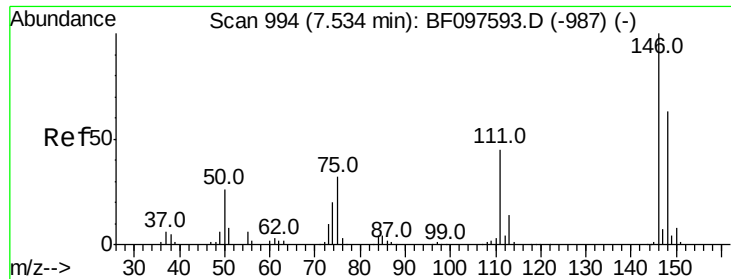
Delta R.T. -0.00 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 428071 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.0  | 51.8  | 77.6   |
| 75        | 30.4  | 23.1  | 34.7   |





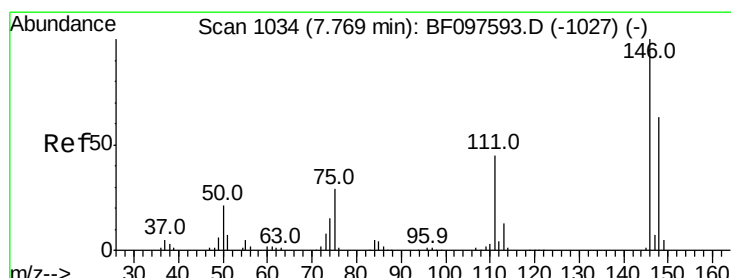
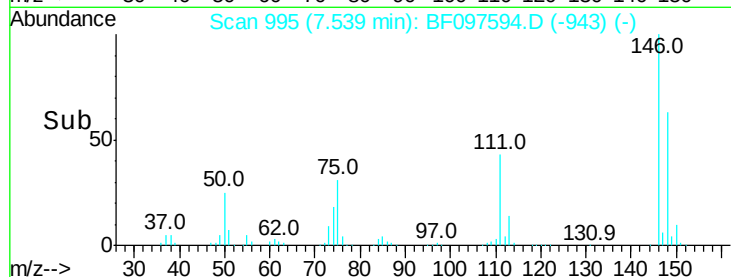
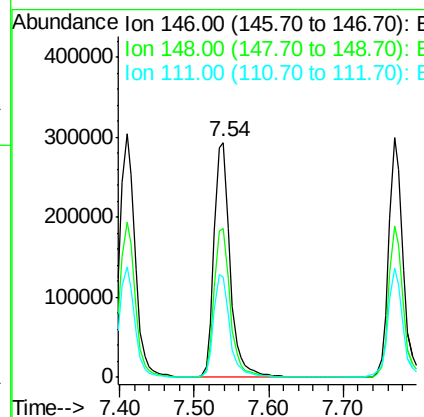
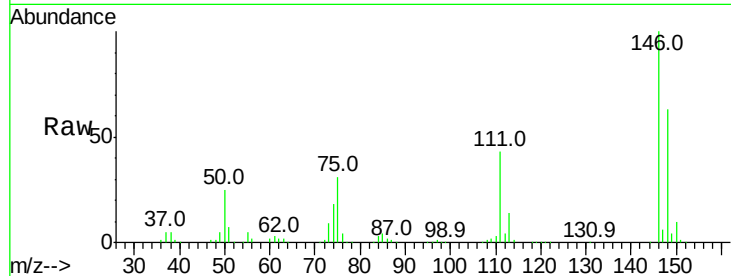
#13  
 1,4-Dichlorobenzene  
 Concen: 52.796 ng  
 RT: 7.54 min Scan# 995  
 Delta R.T. 0.01 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.2  | 52.2  | 78.2  |
| 111     | 42.9  | 30.3  | 45.5  |

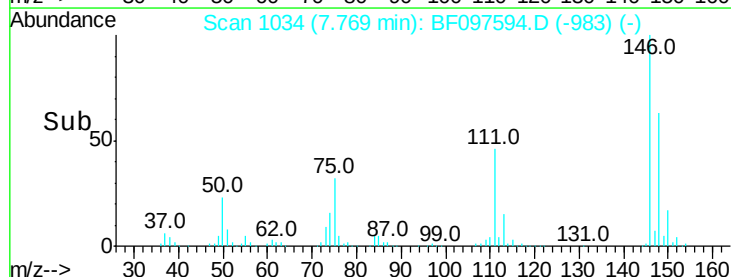
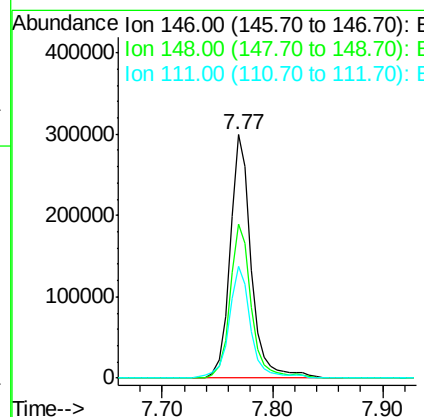
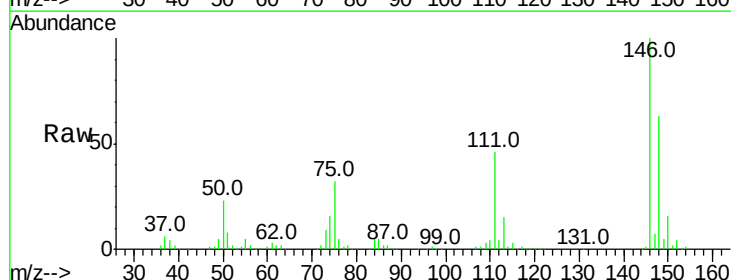
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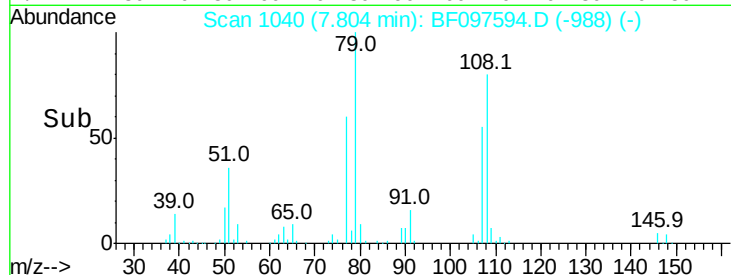
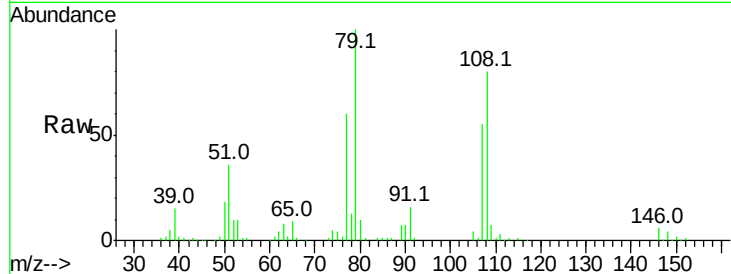
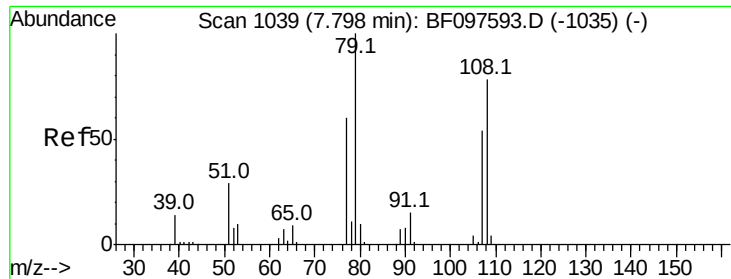
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#14  
 1,2-Dichlorobenzene  
 Concen: 52.403 ng  
 RT: 7.77 min Scan# 1034  
 Delta R.T. -0.00 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.1  | 50.4  | 75.6  |
| 111     | 45.7  | 38.2  | 57.4  |





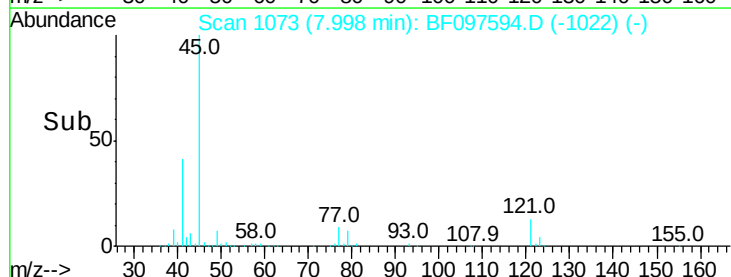
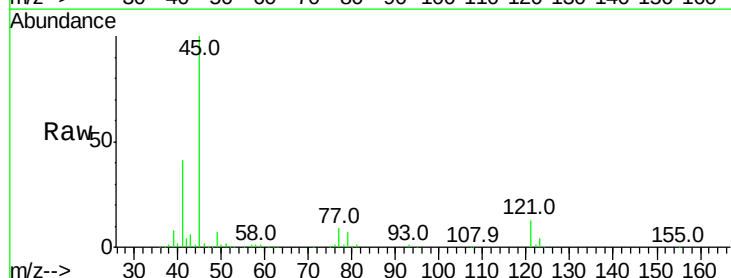
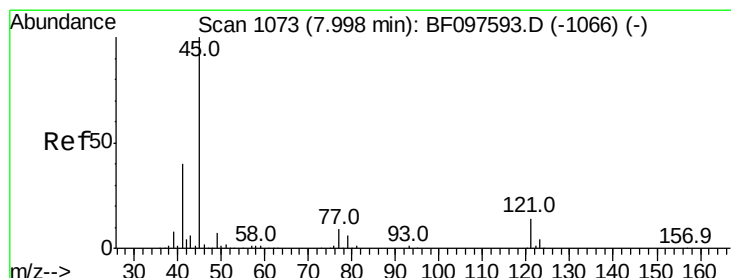
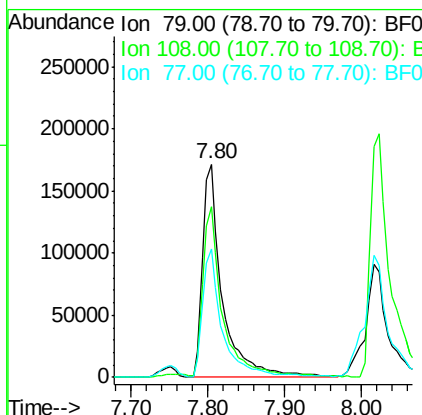
#15  
Benzyl Alcohol  
Concen: 55.159 ng  
RT: 7.80 min Scan# 1040  
Delta R.T. 0.01 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 79      | 100   |      |       |       |
| 108     | 80.0  | 63.4 | 95.0  |       |
| 77      | 60.0  | 49.2 | 73.8  |       |

Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC050

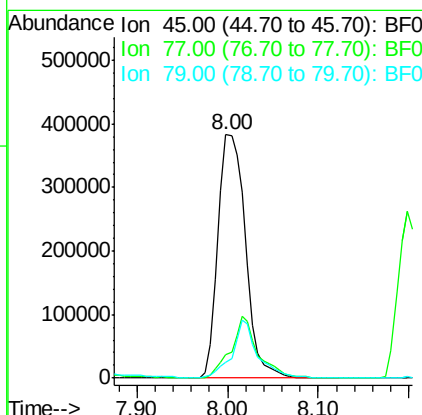
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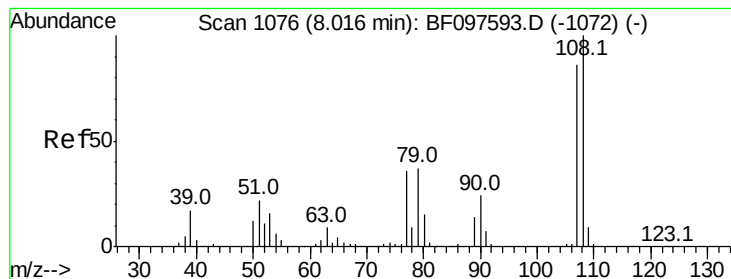
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 85.900 ng  
RT: 8.00 min Scan# 1073  
Delta R.T. -0.00 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 45      | 100   |      |       |       |
| 77      | 9.5   | 0.0  | 33.2  |       |
| 79      | 6.7   | 0.0  | 30.0  |       |





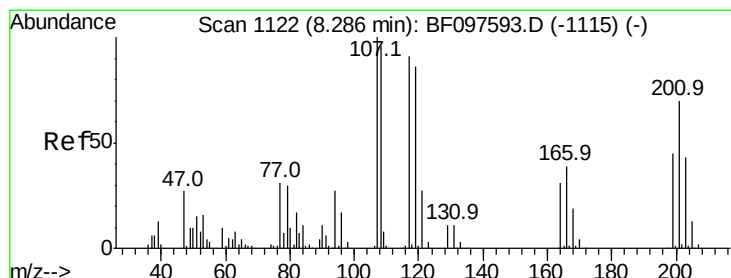
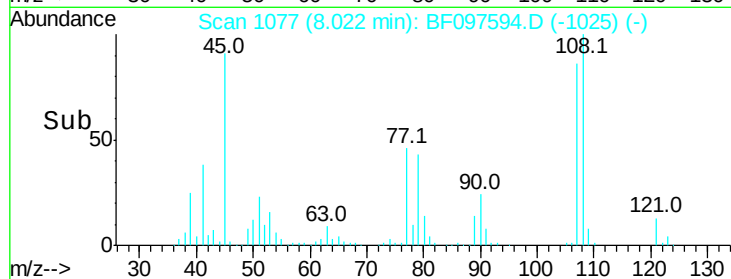
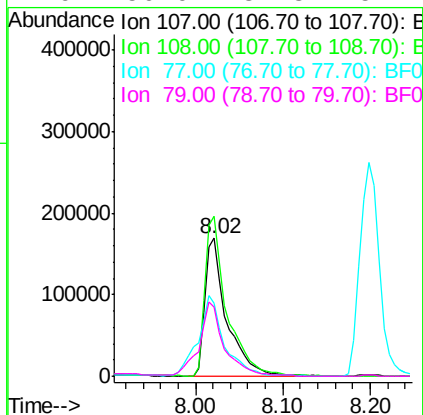
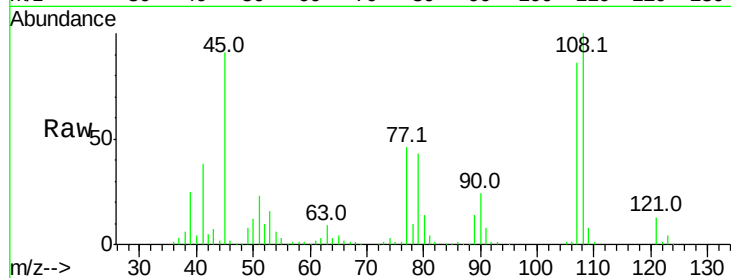
#17  
 2-Methylphenol  
 Concen: 48.433 ng  
 RT: 8.02 min Scan# 1077  
 Delta R.T. 0.01 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 116.1 | 93.4 | 140.0 |       |
| 77      | 53.5  | 35.8 | 53.6  |       |
| 79      | 50.0  | 34.8 | 52.2  |       |

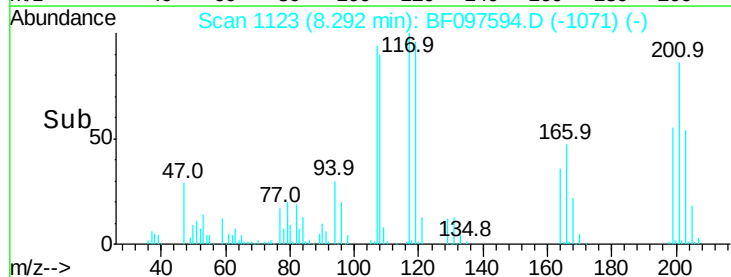
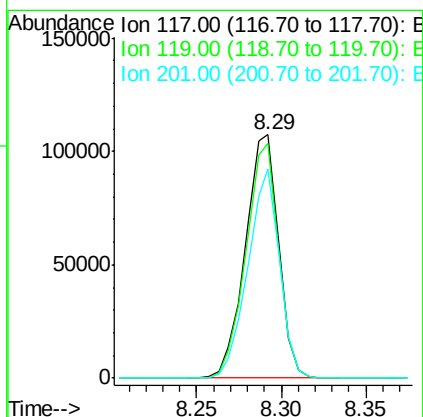
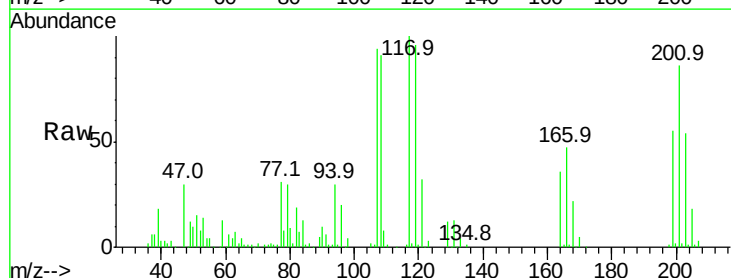
Manual Integrations  
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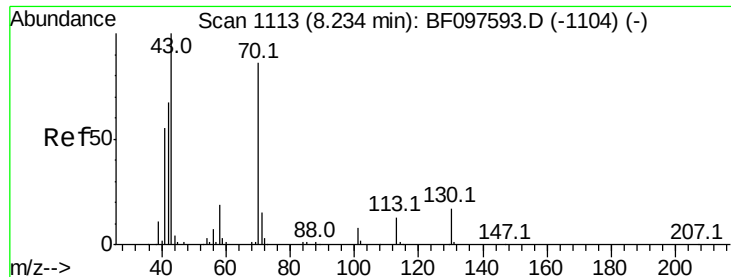
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#18  
 Hexachloroethane  
 Concen: 53.740 ng  
 RT: 8.29 min Scan# 1123  
 Delta R.T. 0.01 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 117     | 100   |      |        |       |
| 119     | 96.3  | 77.4 | 116.0  |       |
| 201     | 85.7  | 94.6 | 141.8# |       |





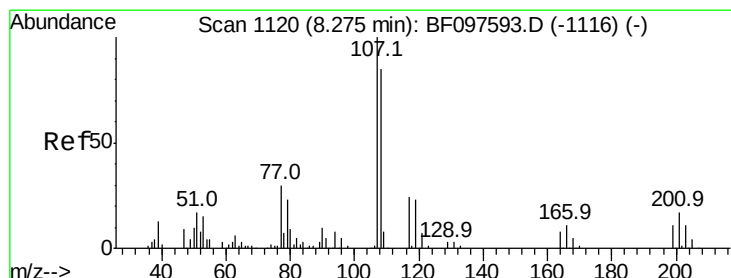
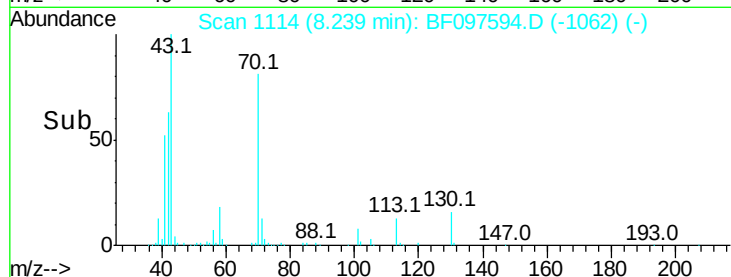
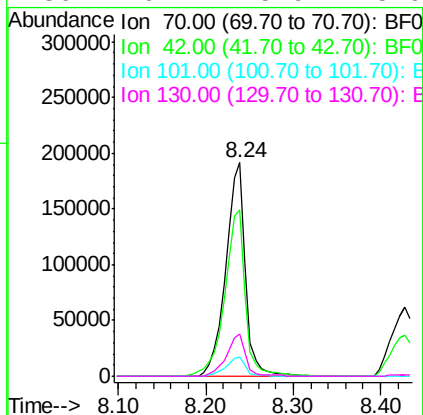
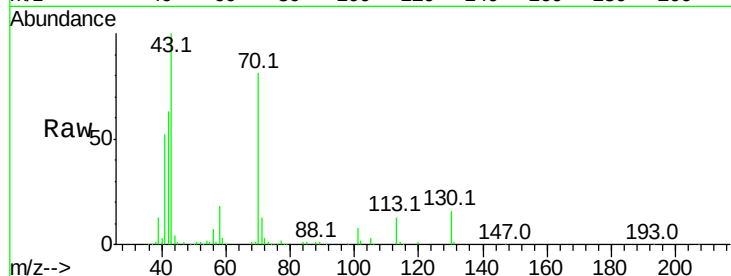
#19  
n-Nitroso-di-n-propylamine  
Concen: 57.418 ng  
RT: 8.24 min Scan# 1114  
Delta R.T. 0.01 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 77.6  | 47.2  | 70.8# |
| 101     | 9.3   | 7.2   | 10.8  |
| 130     | 20.1  | 15.9  | 23.9  |

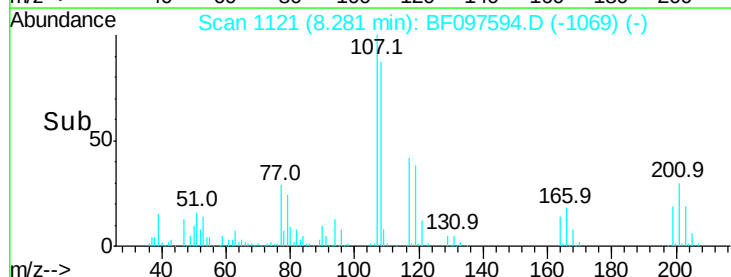
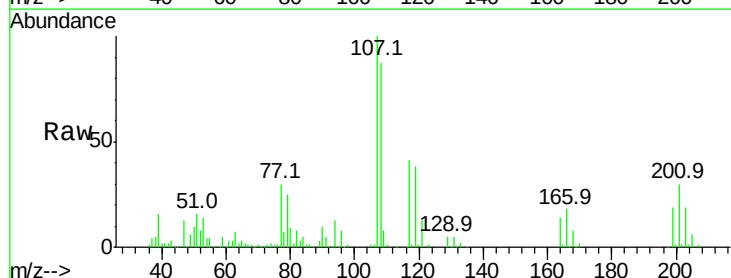
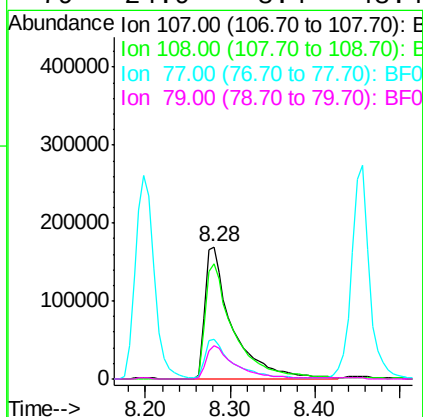
Manual Integrations  
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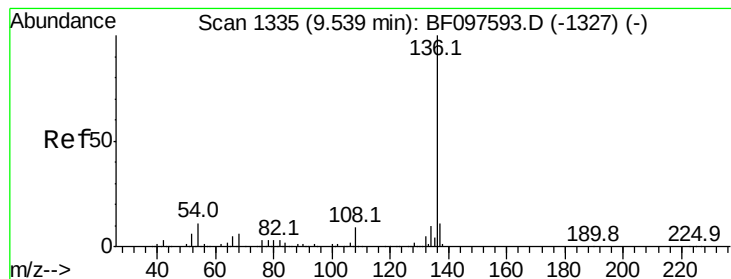
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#20  
3+4-Methylphenols  
Concen: 49.701 ng  
RT: 8.28 min Scan# 1121  
Delta R.T. 0.01 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 87.4  | 71.0  | 111.0  |
| 77      | 30.0  | 90.5  | 130.5# |
| 79      | 24.9  | 8.4   | 48.4   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.54 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

Instrument :

BNA\_F

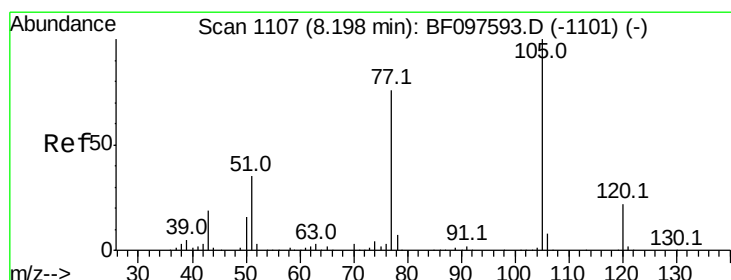
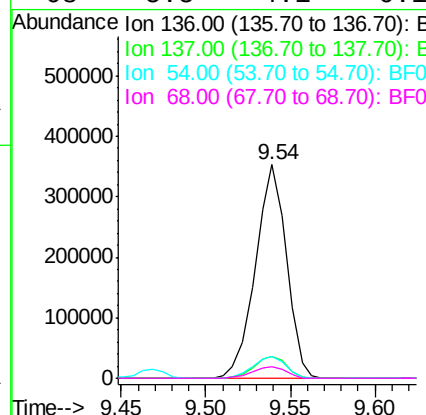
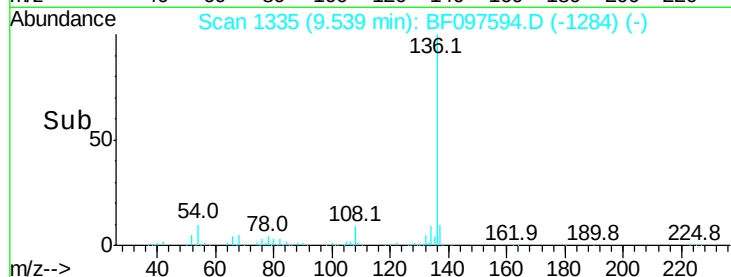
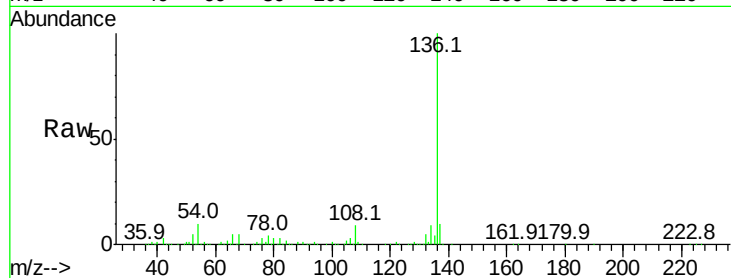
ClientSampleId :

SSTDICC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.3  | 8.5  | 12.7  |       |
| 54      | 10.3  | 4.9  | 7.3   |       |
| 68      | 5.5   | 4.1  | 6.1   |       |

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#22

Acetophenone

Concen: 50.419 ng

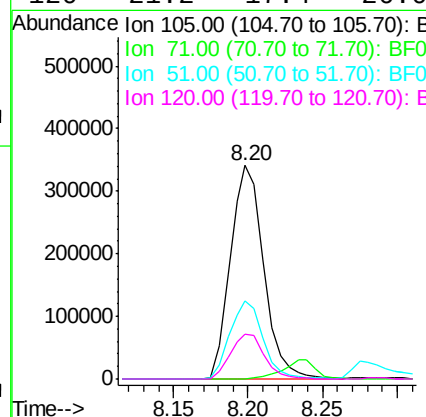
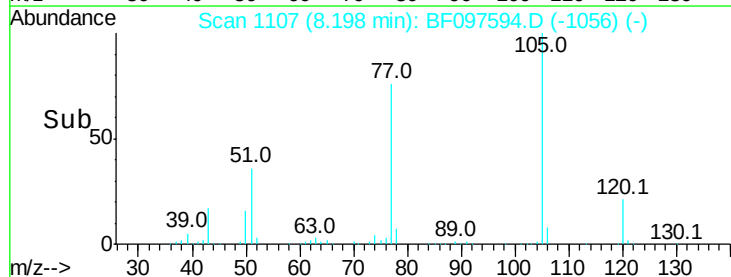
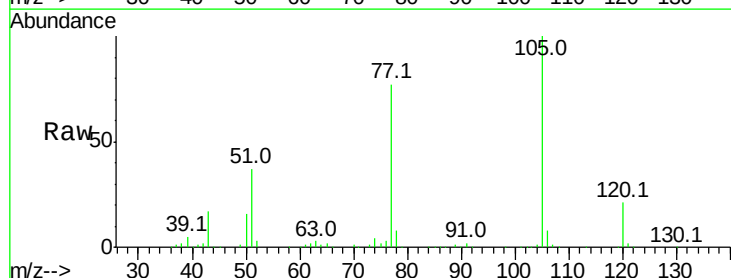
RT: 8.20 min Scan# 1107

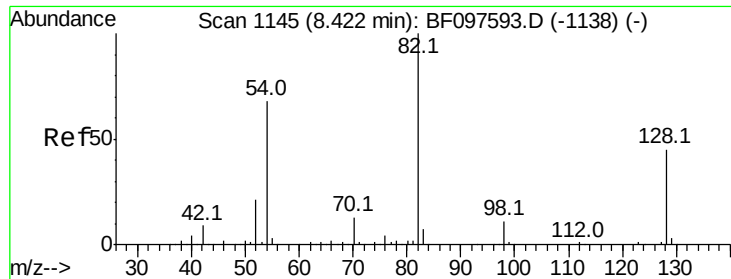
Delta R.T. -0.00 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 0.1   | 2.8  | 4.2   |       |
| 51      | 36.8  | 30.7 | 46.1  |       |
| 120     | 21.2  | 17.4 | 26.0  |       |





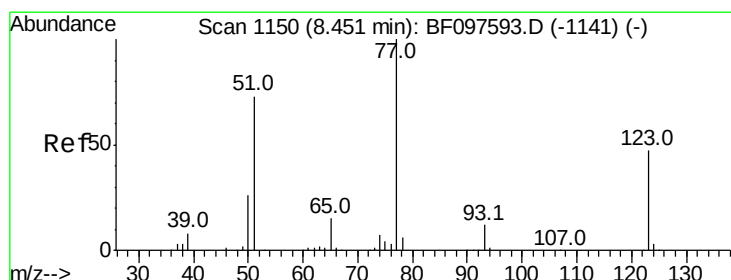
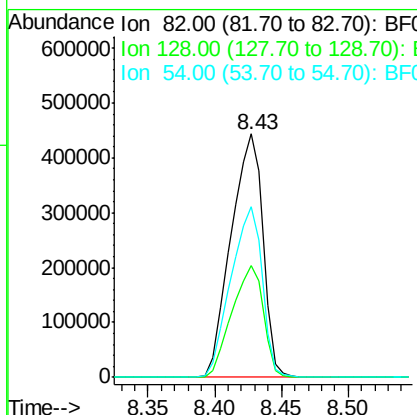
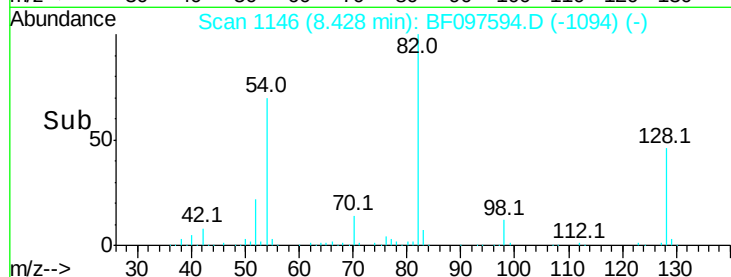
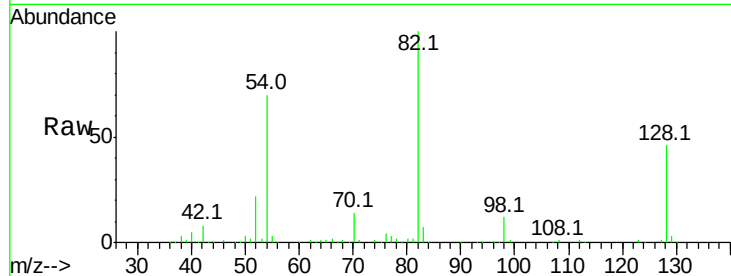
#23  
 Nitrobenzene-d5  
 Concen: 101.081 ng  
 RT: 8.43 min Scan# 1146  
 Delta R.T. 0.01 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 82      | 100   |            |       |
| 128     | 45.8  | 34.0       | 51.0  |
| 54      | 70.0  | 42.2       | 63.2  |

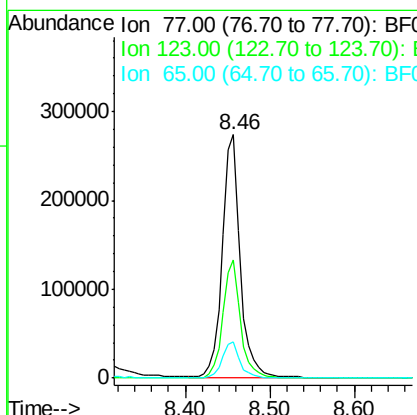
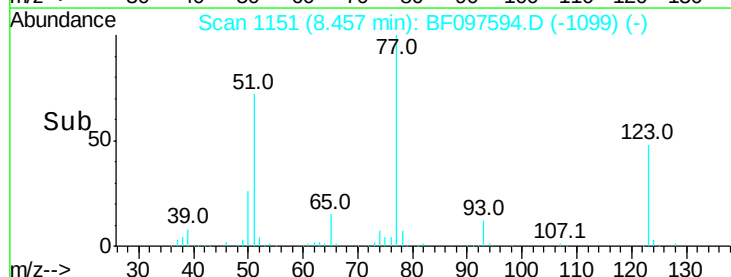
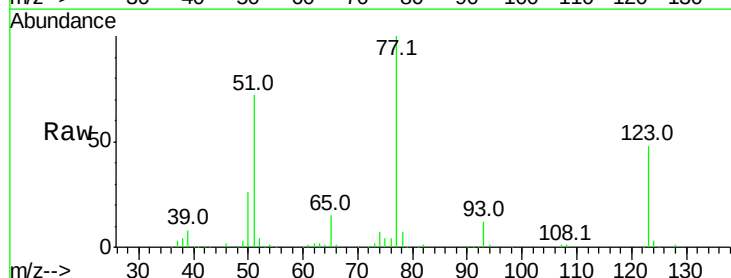
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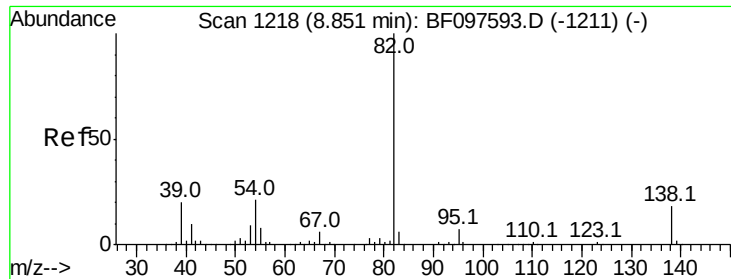


#24  
 Nitrobenzene  
 Concen: 51.820 ng  
 RT: 8.46 min Scan# 1151  
 Delta R.T. 0.01 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 77      | 100   |            |       |
| 123     | 48.3  | 35.8       | 53.8  |
| 65      | 14.9  | 10.6       | 15.8  |







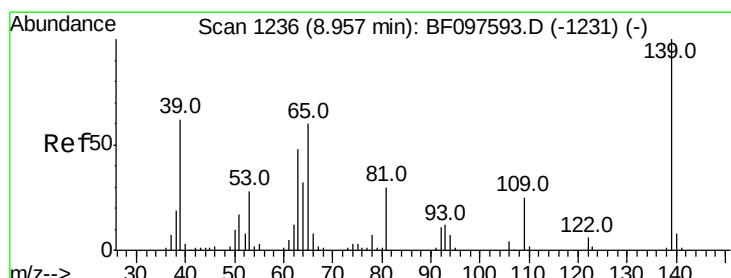
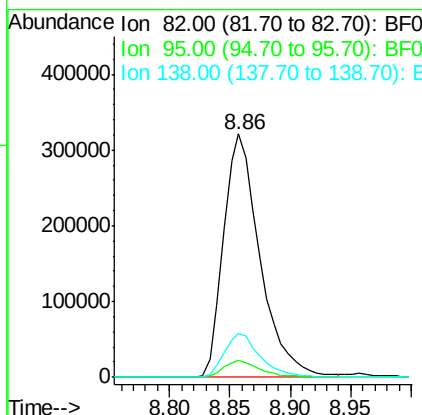
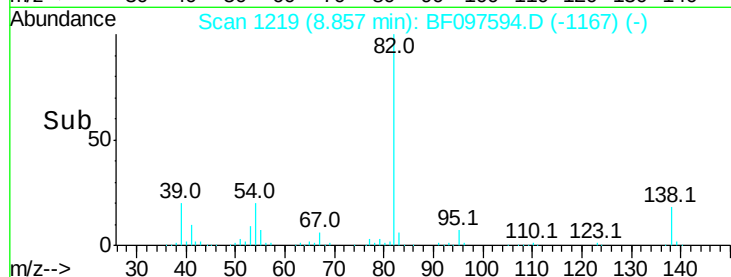
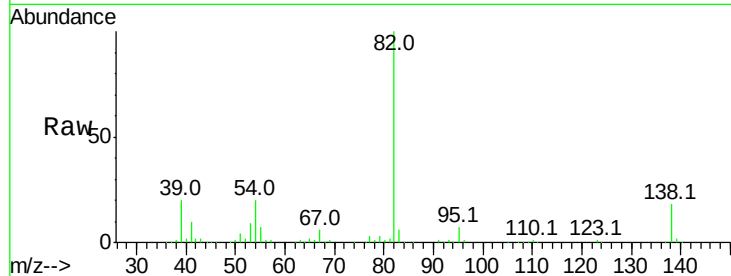
#25  
Isophorone  
Concen: 49.490 ng  
RT: 8.86 min Scan# 1219  
Delta R.T. 0.01 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 95      | 7.0   | 5.3  | 7.9   |       |
| 138     | 18.1  | 13.1 | 19.7  |       |

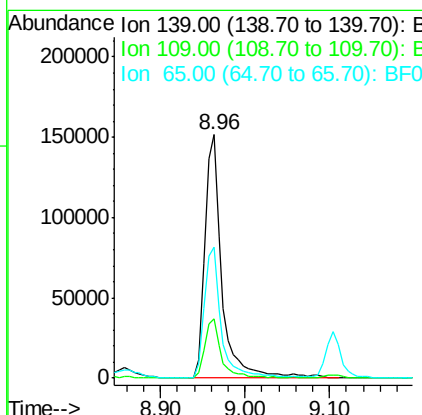
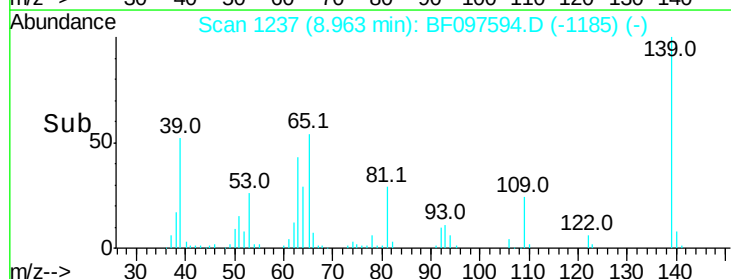
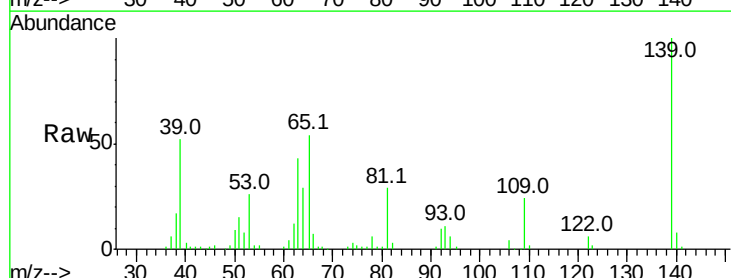
Manual Integrations  
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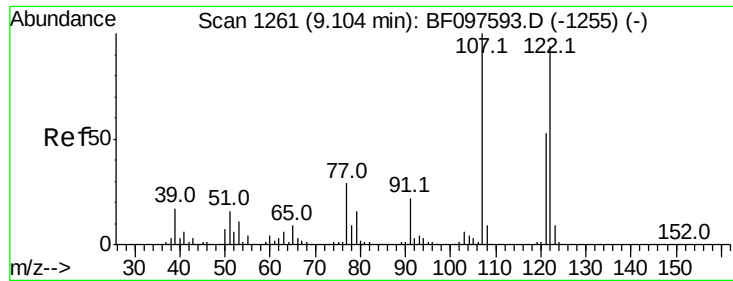
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#26  
2-Nitrophenol  
Concen: 52.050 ng  
RT: 8.96 min Scan# 1237  
Delta R.T. 0.01 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 24.4  | 21.0 | 31.6  |       |
| 65      | 53.6  | 33.0 | 49.6  |       |





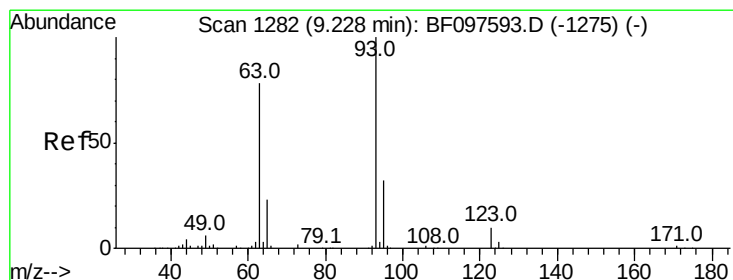
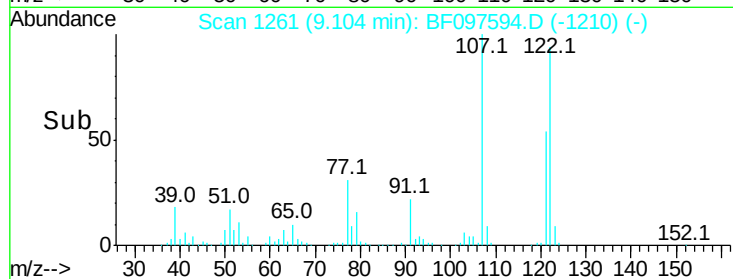
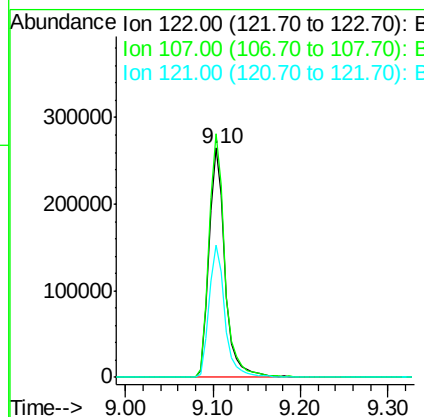
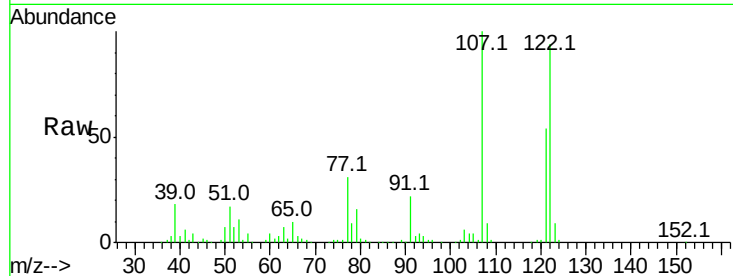
#27  
2,4-Dimethylphenol  
Concen: 53.373 ng  
RT: 9.10 min Scan# 1261  
Delta R.T. -0.00 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 106.1 | 89.2  | 133.8 |
| 121     | 57.6  | 45.2  | 67.8  |

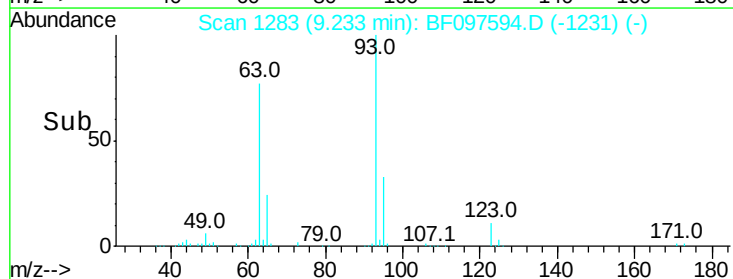
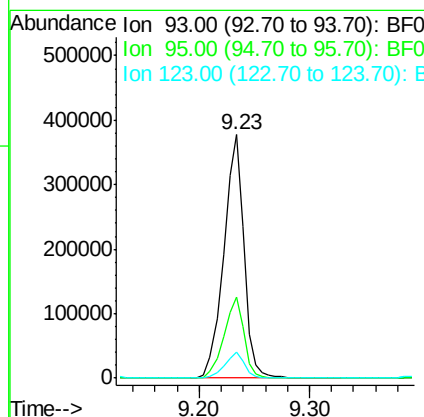
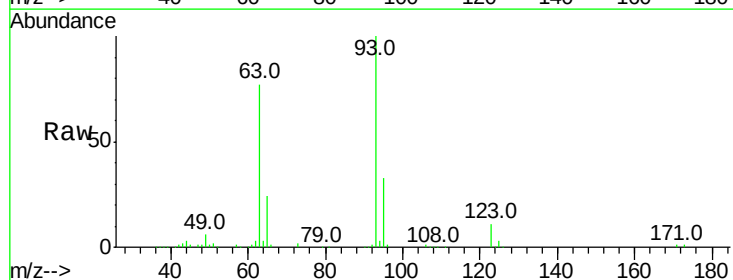
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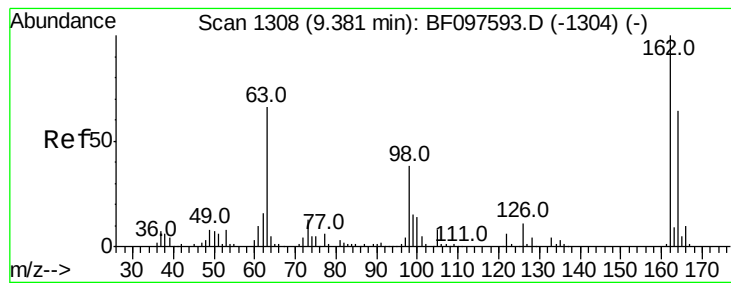
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#28  
bis(2-Chloroethoxy)methane  
Concen: 53.528 ng  
RT: 9.23 min Scan# 1283  
Delta R.T. 0.01 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.4  | 26.5  | 39.7  |
| 123     | 10.6  | 9.0   | 13.4  |





#29

2,4-Dichlorophenol

Concen: 49.207 ng

RT: 9.38 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

Instrument :

BNA\_F

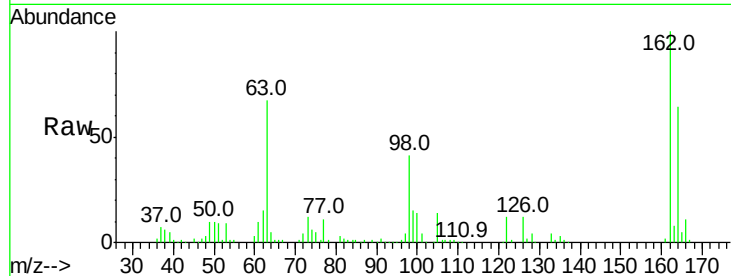
ClientSampleId :

SSTDICC050

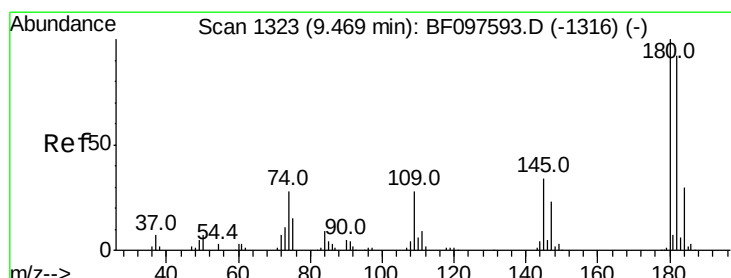
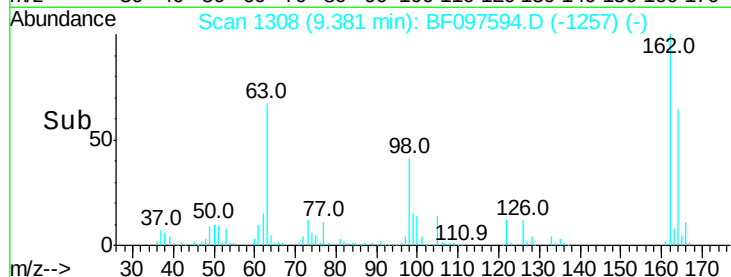
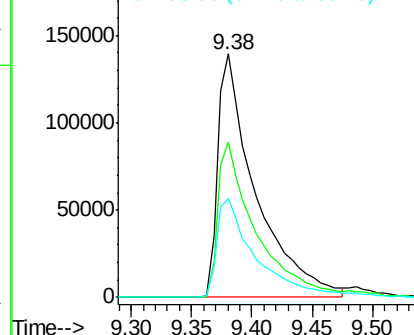
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 299975 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 63.8  | 44.6  | 84.6   |
| 98        | 40.6  | 14.8  | 54.8   |

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Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 46.395 ng

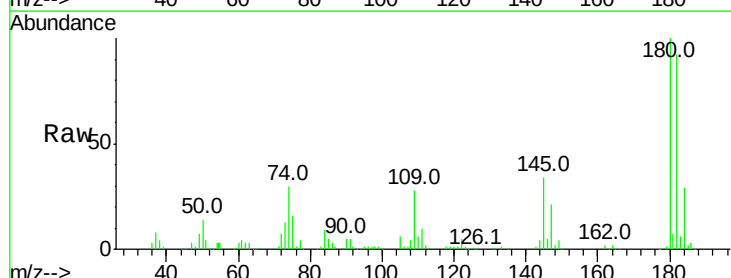
RT: 9.47 min Scan# 1323

Delta R.T. -0.00 min

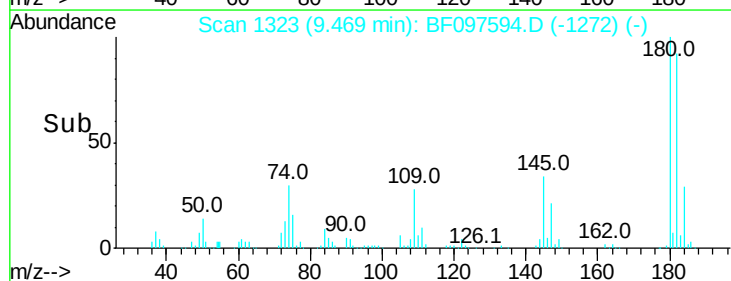
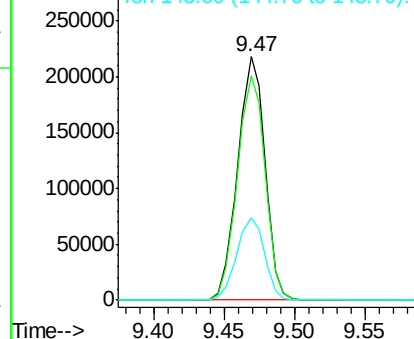
Lab File: BF097594.D

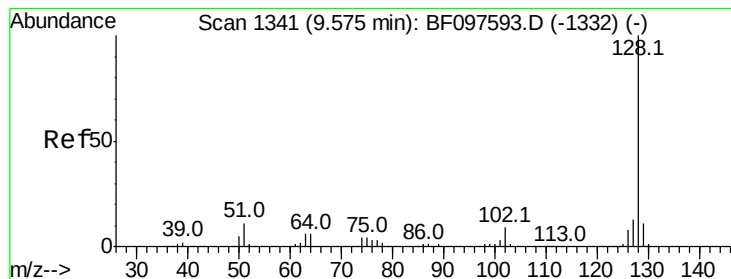
Acq: 11 Aug 2017 14:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 294298 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 92.2  | 75.8  | 113.6  |
| 145       | 33.8  | 25.3  | 37.9   |



Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.252 ng

RT: 9.57 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tot Ion:128 Resp: 1096640

Ion Ratio Lower Upper

128 100

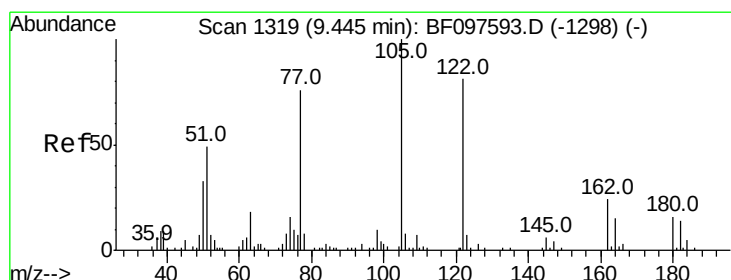
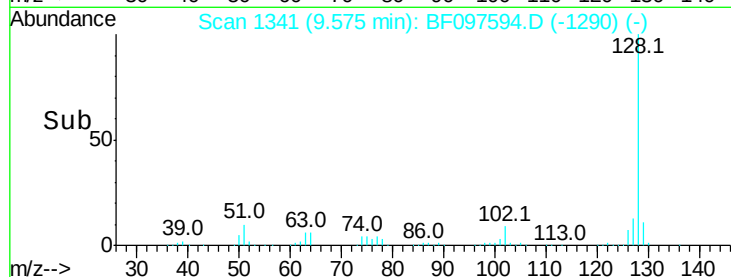
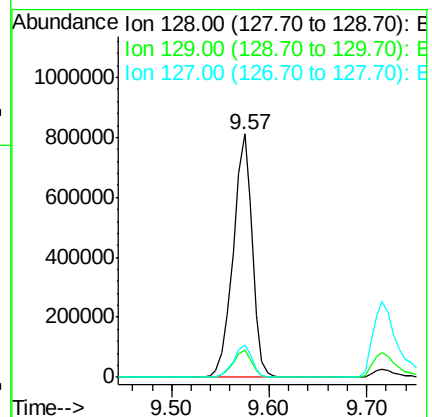
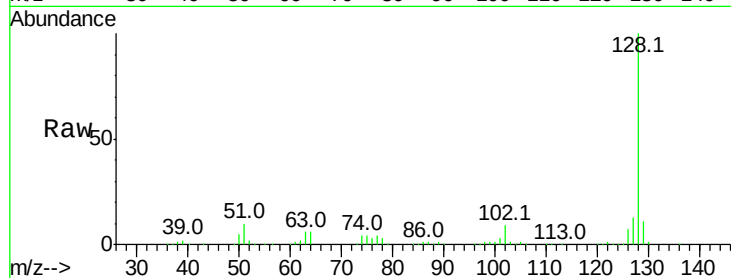
129 11.3 9.0 13.6

127 13.5 10.8 16.2

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#32

Benzoic acid

Concen: 54.850 ng

RT: 9.46 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

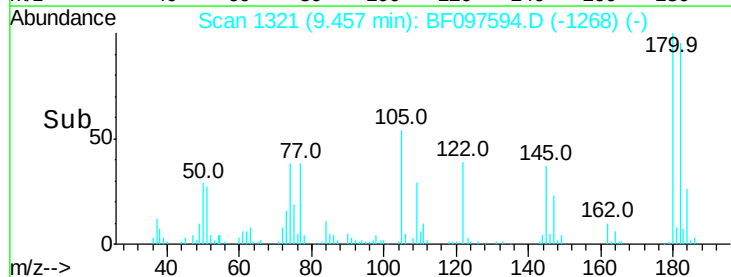
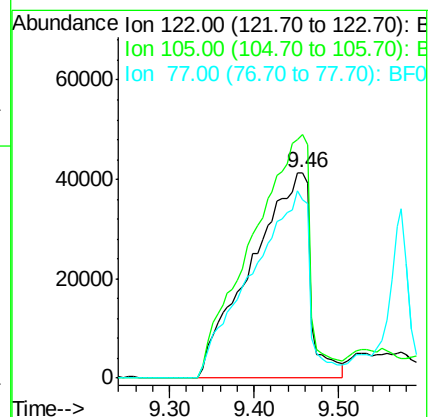
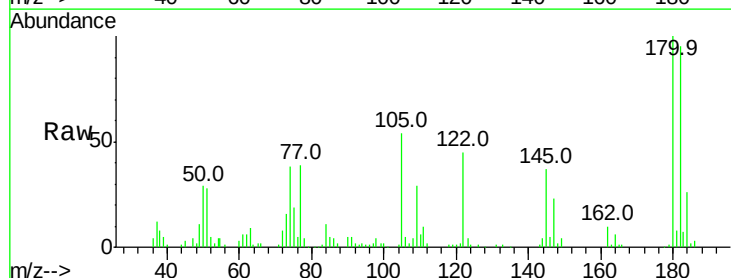
Tgt Ion:122 Resp: 200335

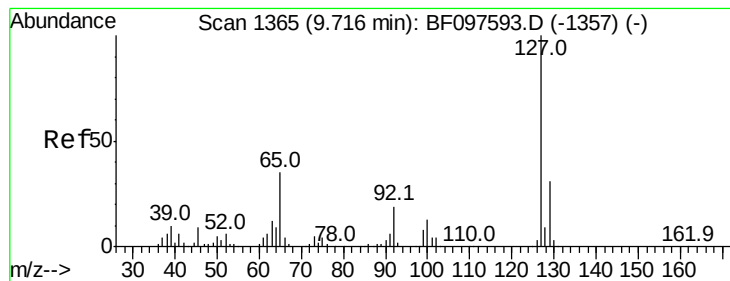
Ion Ratio Lower Upper

122 100

105 118.5 103.3 143.3

77 86.9 73.7 113.7





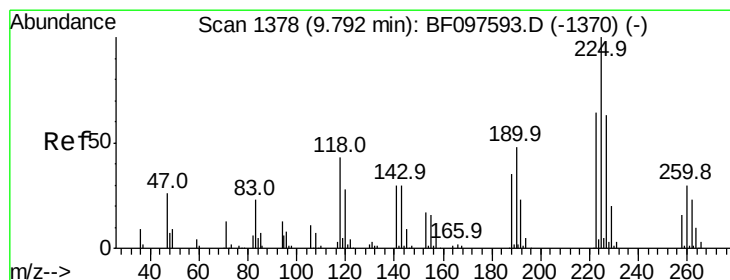
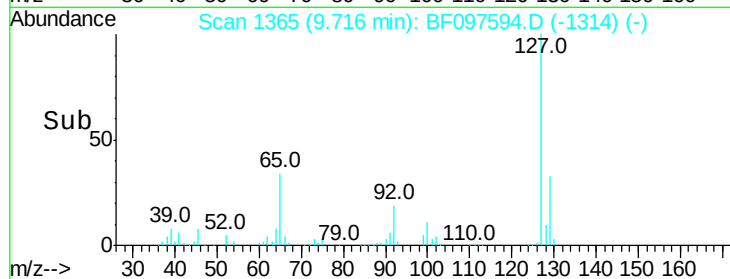
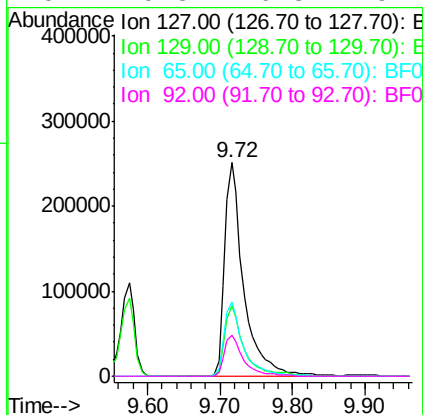
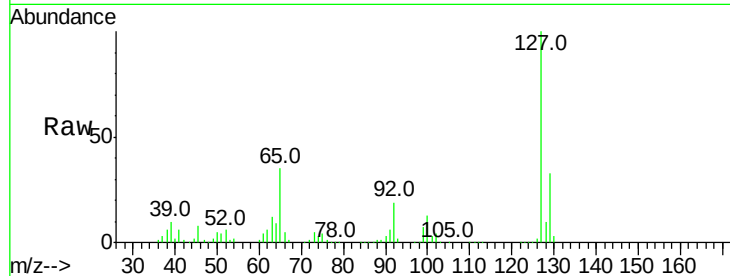
#33  
 4-Chloroaniline  
 Concen: 51.864 ng  
 RT: 9.72 min Scan# 1365  
 Delta R.T. -0.00 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 32.7  | 26.2 | 39.2  |       |
| 65      | 34.8  | 27.8 | 41.8  |       |
| 92      | 19.3  | 16.8 | 25.2  |       |

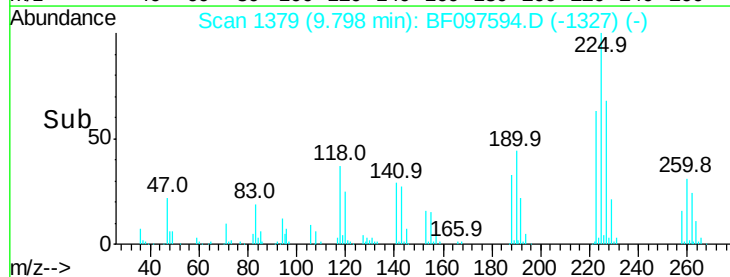
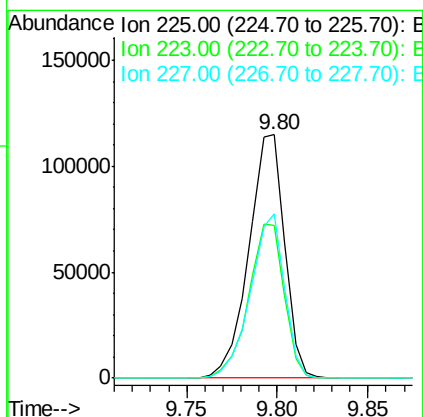
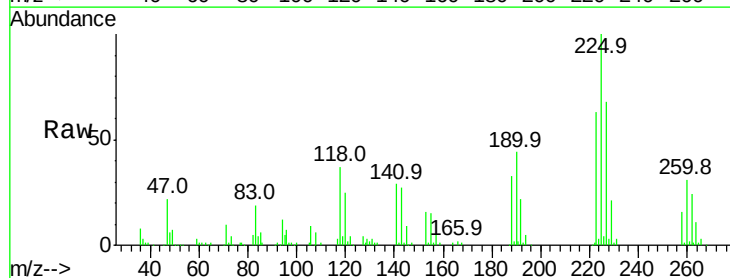
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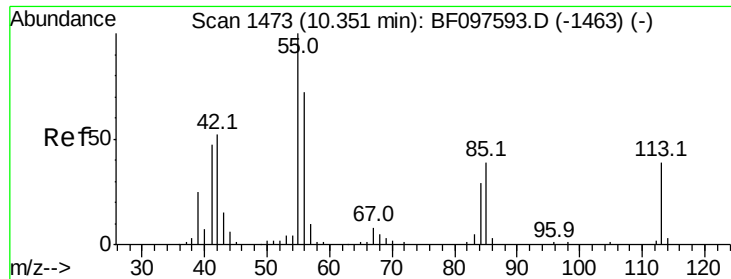
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#34  
 Hexachlorobutadiene  
 Concen: 48.076 ng  
 RT: 9.80 min Scan# 1379  
 Delta R.T. 0.01 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 62.7  | 48.8 | 73.2  |       |
| 227     | 67.6  | 51.1 | 76.7  |       |





#35

Caprolactam

Concen: 53.467 ng/mL

RT: 10.36 min Scan# 1475

Delta R.T. 0.01 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:113 Resp: 96989

Ion Ratio Lower Upper

113 100

55 245.1 150.2 190.2#

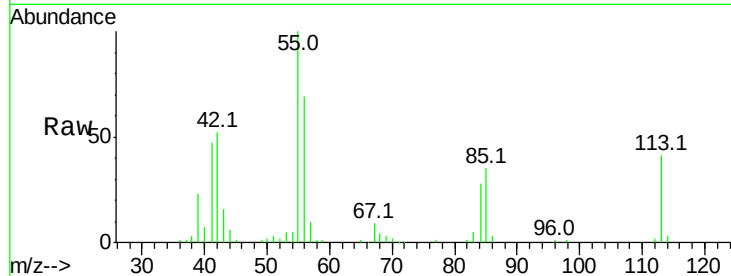
56 168.5 107.8 147.8#

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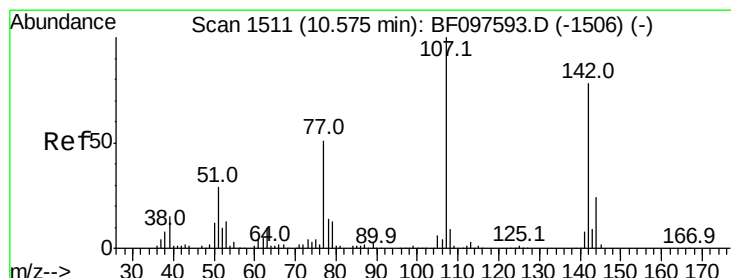
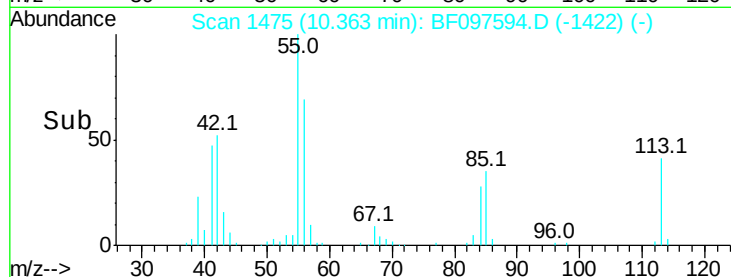
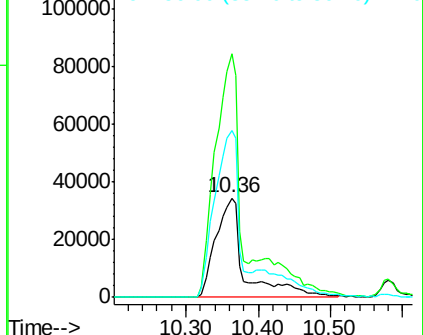
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 52.154 ng/mL

RT: 10.58 min Scan# 1512

Delta R.T. 0.01 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

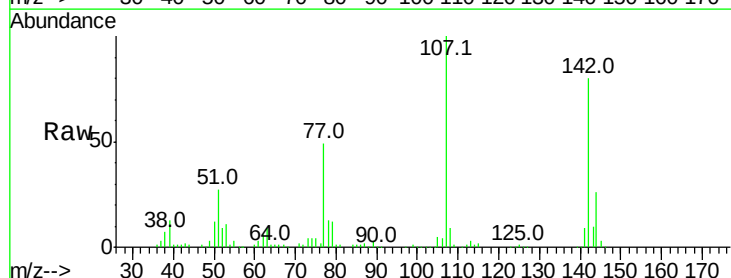
Tgt Ion:107 Resp: 332826

Ion Ratio Lower Upper

107 100

144 26.0 24.2 36.4

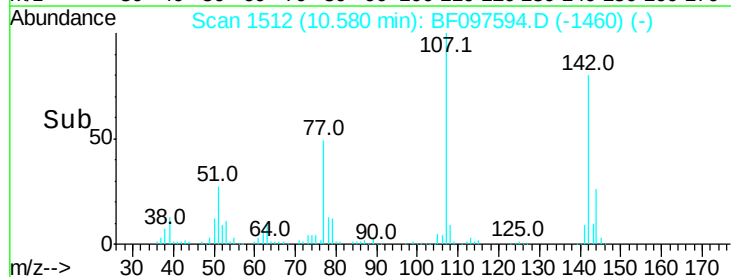
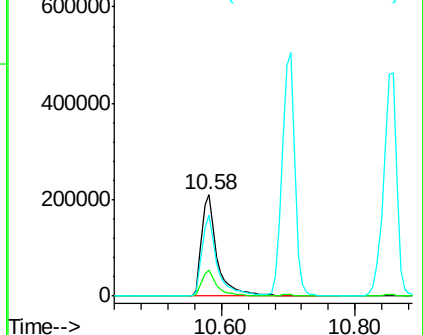
142 79.6 73.4 110.0

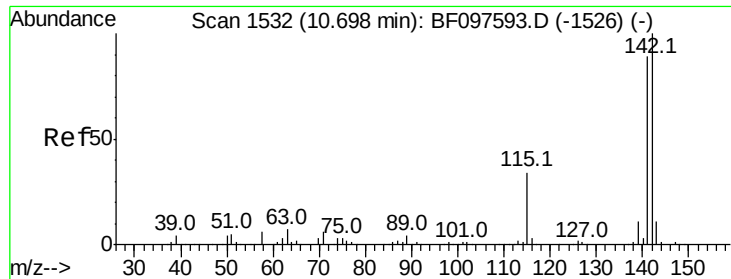


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





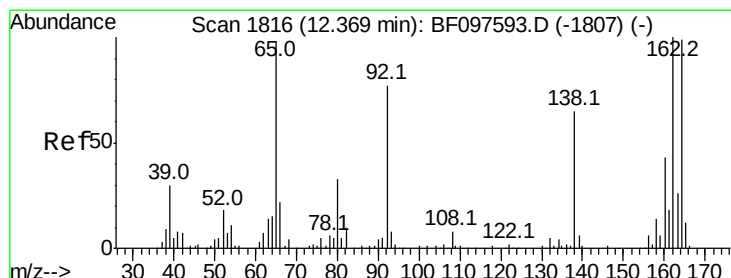
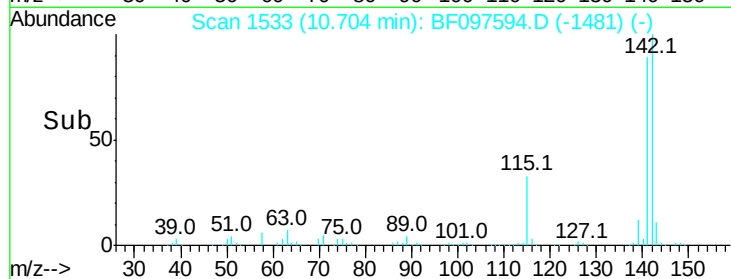
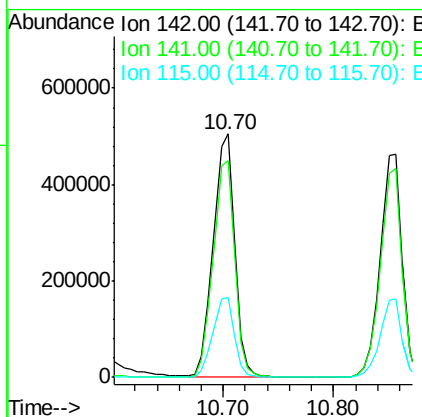
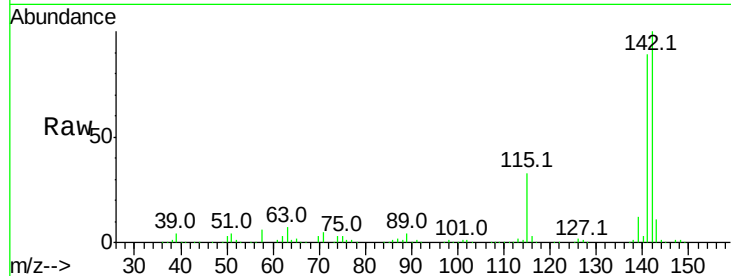
#37  
2-Methylnaphthalene  
Concen: 44.330 ng  
RT: 10.70 min Scan# 1533  
Delta R.T. 0.01 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.3  | 71.3  | 106.9 |
| 115     | 32.8  | 27.1  | 40.7  |

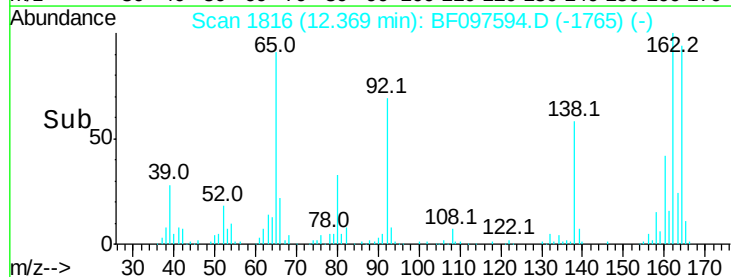
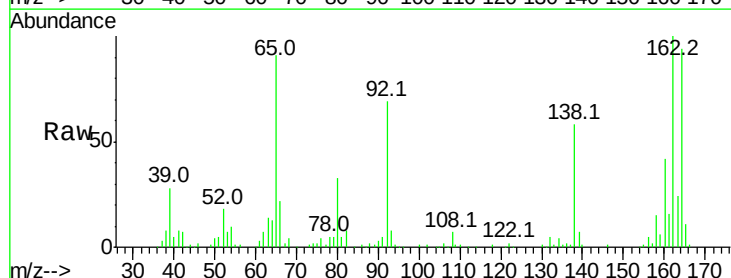
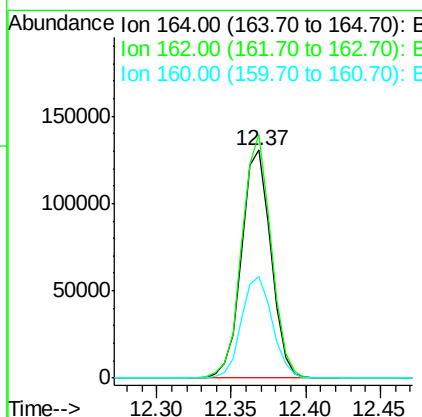
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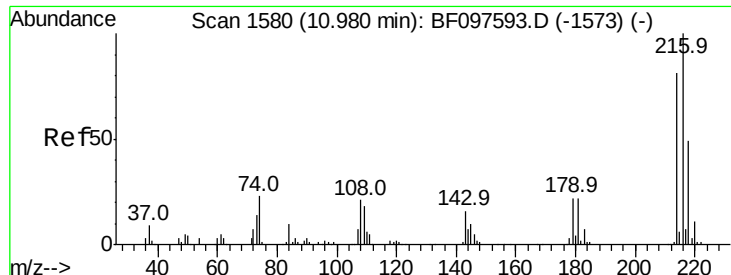
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 12.37 min Scan# 1816  
Delta R.T. -0.00 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 106.9 | 82.6  | 123.8 |
| 160     | 44.8  | 36.2  | 54.2  |





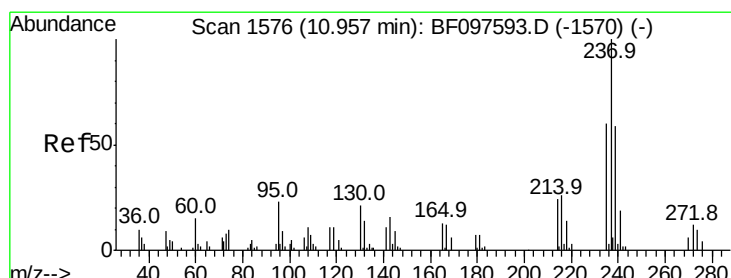
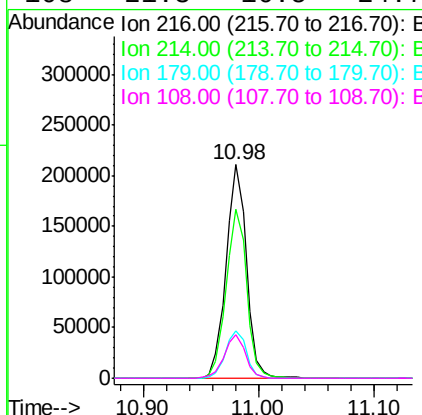
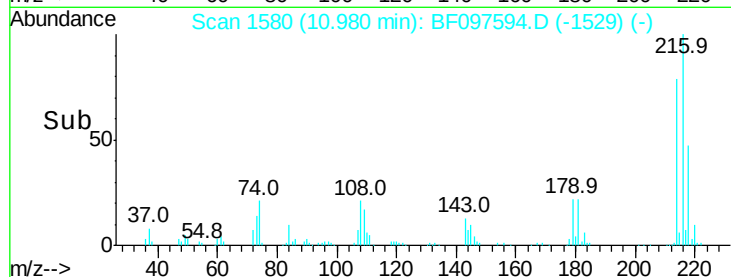
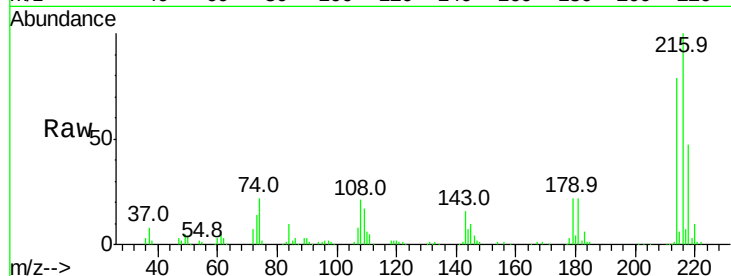
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 48.524 ng  
 RT: 10.98 min Scan# 1580  
 Delta R.T. -0.00 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 258513 |       |       |
| 214     | 80.0  | 63.4   | 95.2  |       |
| 179     | 22.8  | 17.9   | 26.9  |       |
| 108     | 21.3  | 16.5   | 24.7  |       |

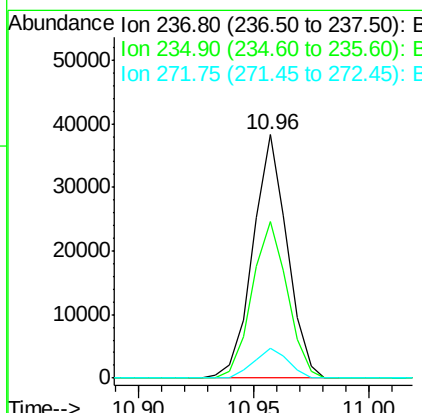
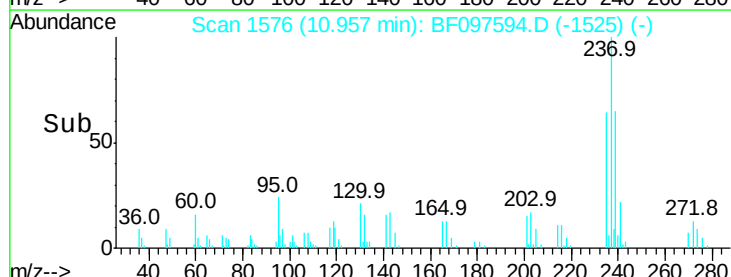
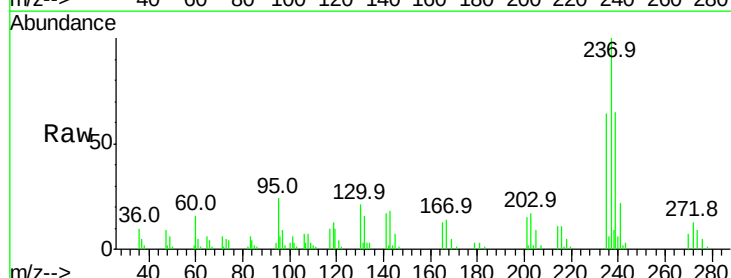
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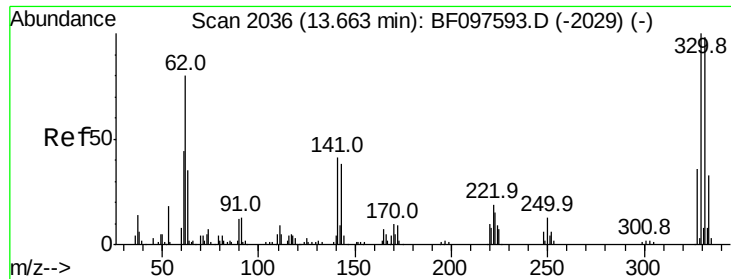


#40  
 Hexachlorocyclopentadiene  
 Concen: 32.312 ng  
 RT: 10.96 min Scan# 1576  
 Delta R.T. -0.00 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 39683 |       |       |
| 235     | 64.3  | 42.6  | 82.6  |       |
| 272     | 12.5  | 0.0   | 31.9  |       |







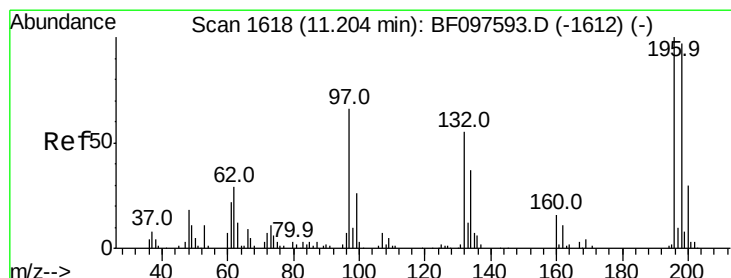
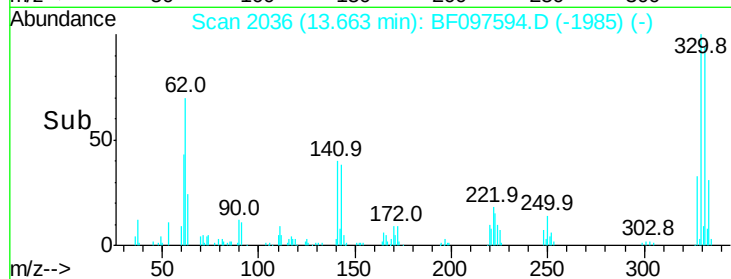
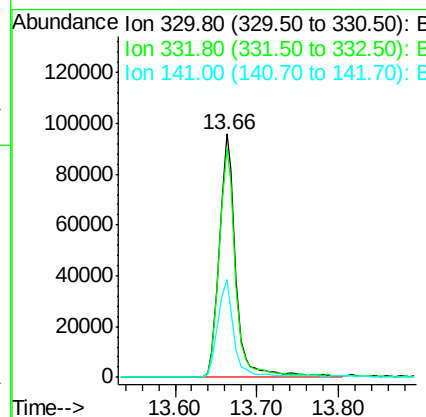
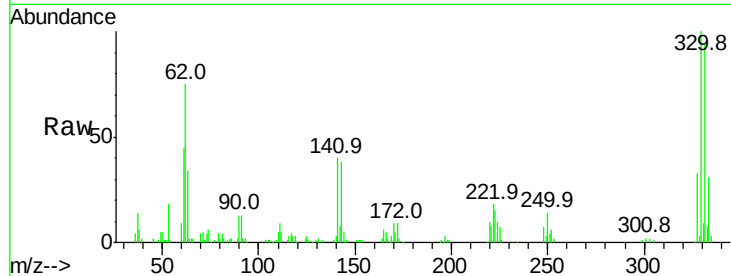
#41  
 2,4,6-Tribromophenol  
 Concen: 86.552 ng  
 RT: 13.66 min Scan# 2036  
 Delta R.T. -0.00 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 95.0  | 76.6 | 115.0 |       |
| 141     | 38.8  | 31.4 | 47.2  |       |

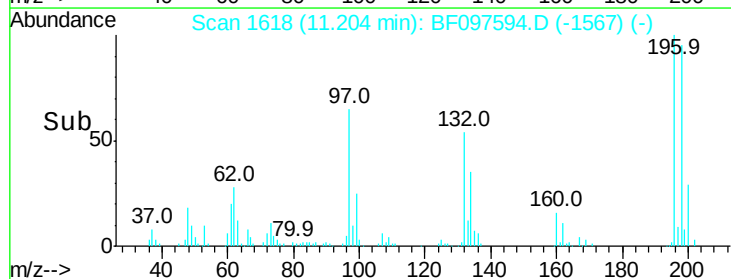
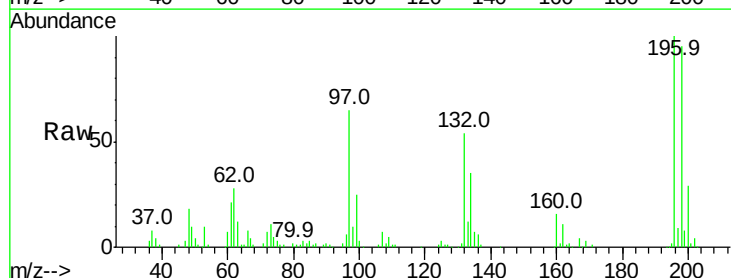
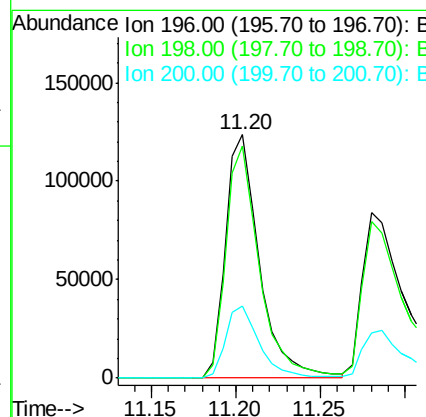
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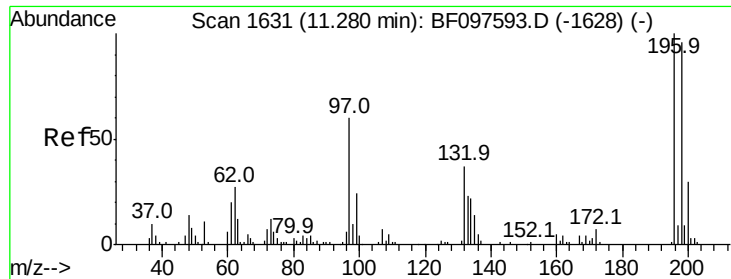
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#42  
 2,4,6-Trichlorophenol  
 Concen: 50.430 ng  
 RT: 11.20 min Scan# 1618  
 Delta R.T. -0.00 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 95.4  | 74.2 | 111.4 |       |
| 200     | 29.4  | 24.0 | 36.0  |       |





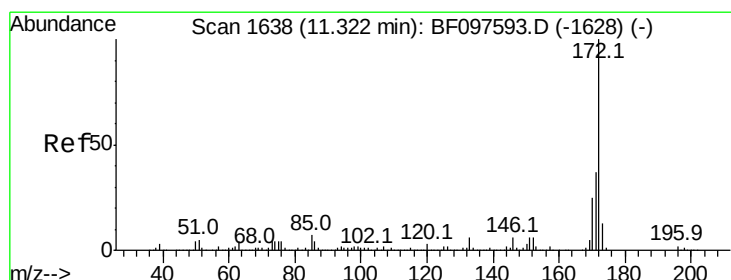
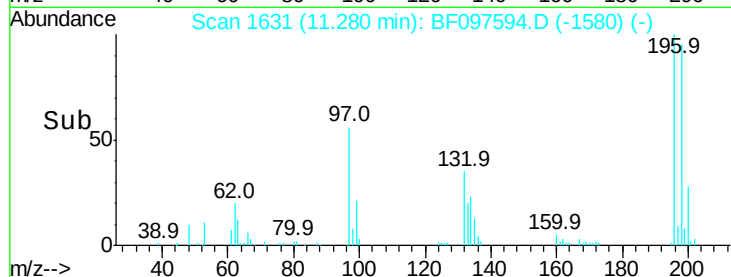
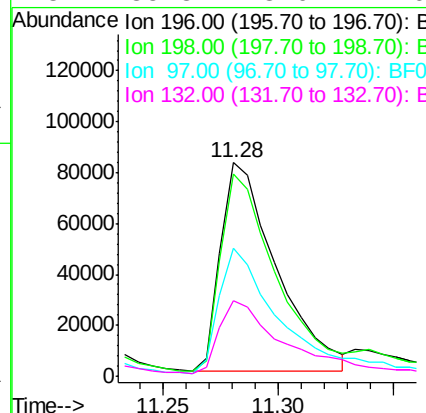
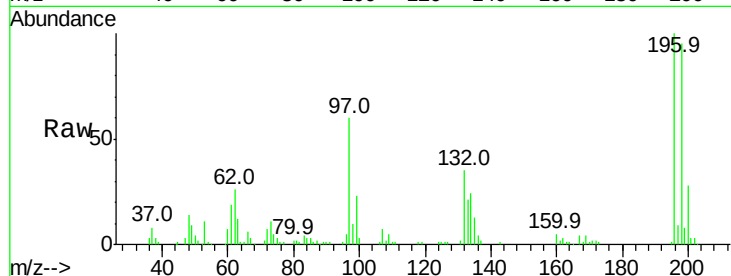
#43  
 2,4,5-Trichlorophenol  
 Concen: 37.905 ng  
 RT: 11.28 min Scan# 1631  
 Delta R.T. -0.00 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion   | 196   | Resp  | 138104 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.8  | 75.7  | 113.5  |
| 97        | 60.0  | 47.7  | 71.5   |
| 132       | 35.3  | 28.0  | 42.0   |

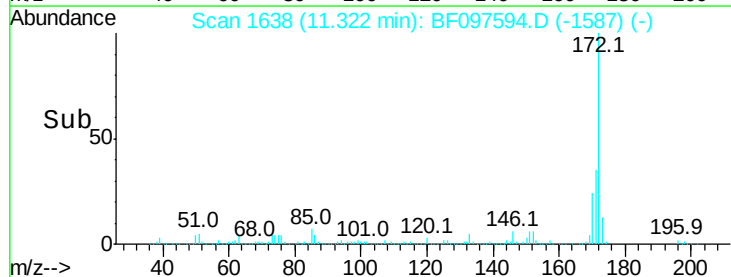
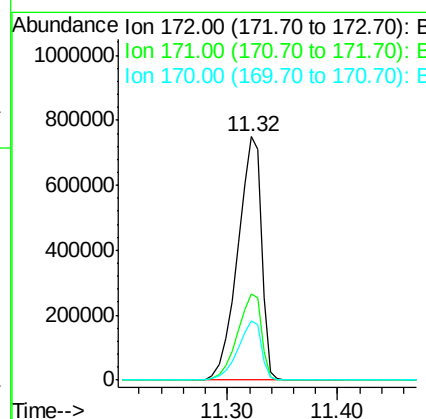
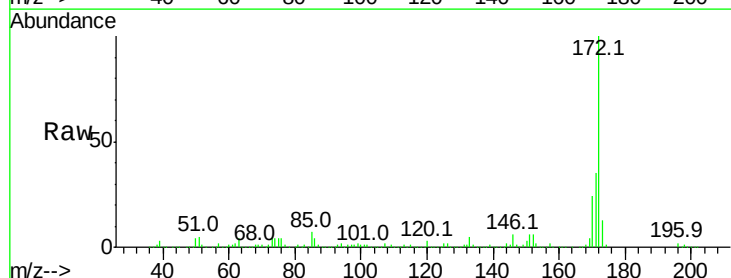
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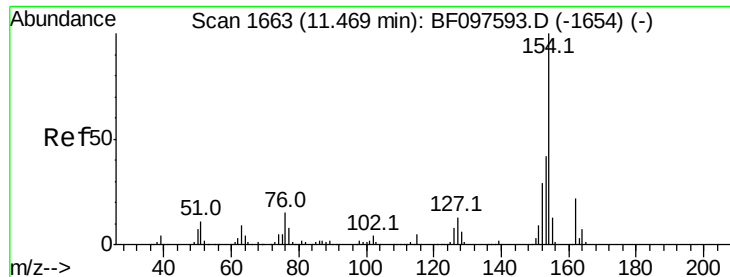
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#44  
 2-Fluorobiphenyl  
 Concen: 88.556 ng  
 RT: 11.32 min Scan# 1638  
 Delta R.T. -0.00 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

| Tgt Ion   | 172   | Resp  | 1132797 |
|-----------|-------|-------|---------|
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 35.4  | 29.6  | 44.4    |
| 170       | 24.1  | 19.8  | 29.8    |





#45

1,1'-Biphenyl

Concen: 51.812 ng

RT: 11.47 min Scan# 1664

Delta R.T. 0.01 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

Instrument :

BNA\_F

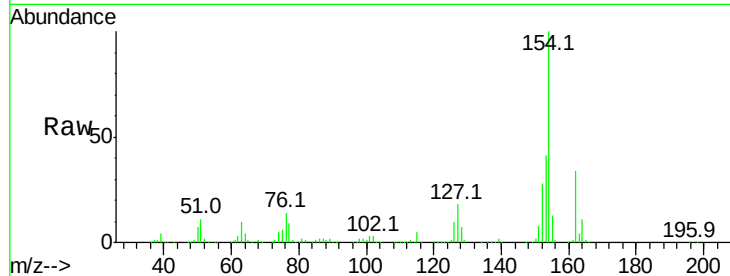
ClientSampleId :

SSTDICC050

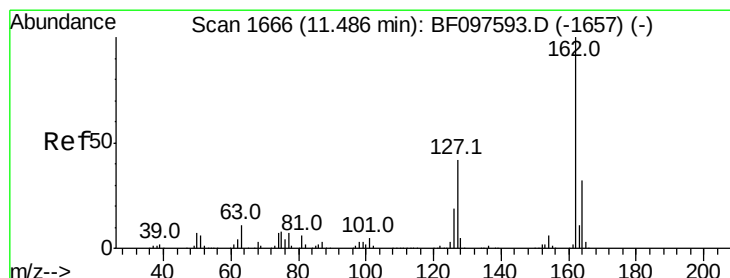
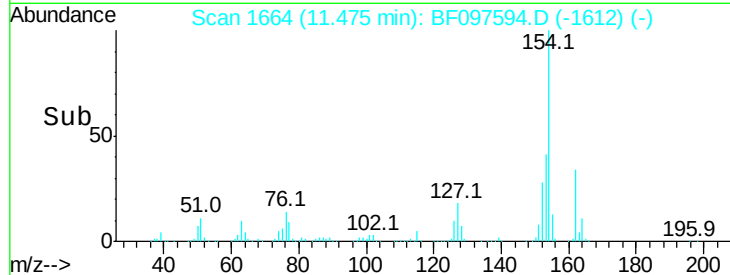
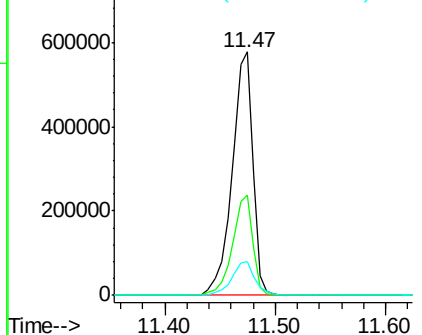
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 760151 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.1  | 21.2  | 61.2   |
| 76        | 13.6  | 0.0   | 29.9   |

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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: 49.788 ng

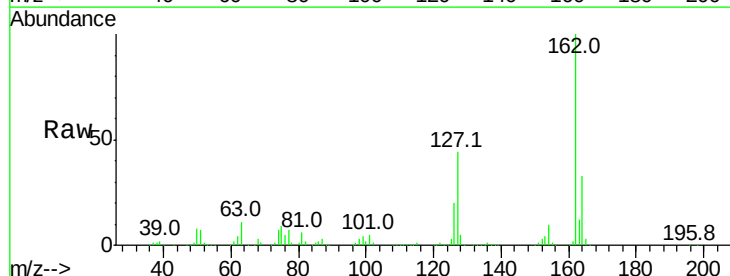
RT: 11.49 min Scan# 1666

Delta R.T. -0.00 min

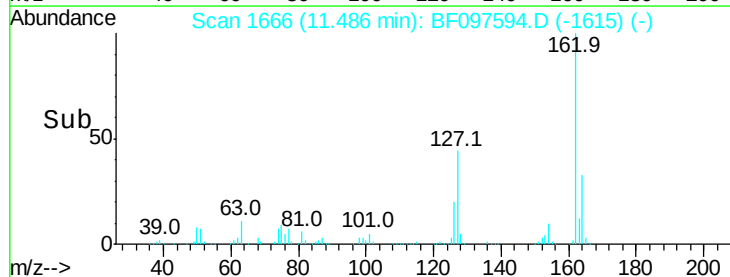
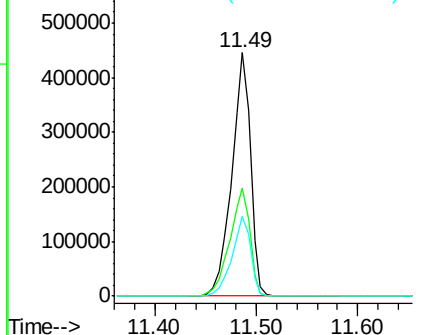
Lab File: BF097594.D

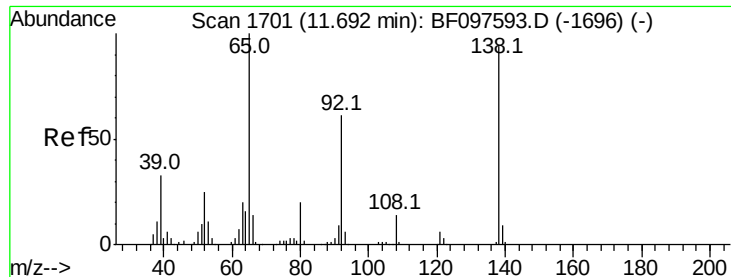
Acq: 11 Aug 2017 14:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 570731 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 44.1  | 28.3  | 42.5#  |
| 164       | 32.9  | 27.0  | 40.4   |



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: 71.097 ng

RT: 11.70 min Scan# 1702

Delta R.T. 0.01 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion: 65 Resp: 238495

Ion Ratio Lower Upper

65 100

92 61.3 53.9 80.9

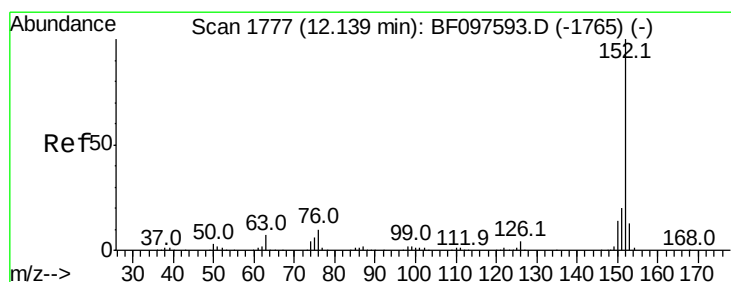
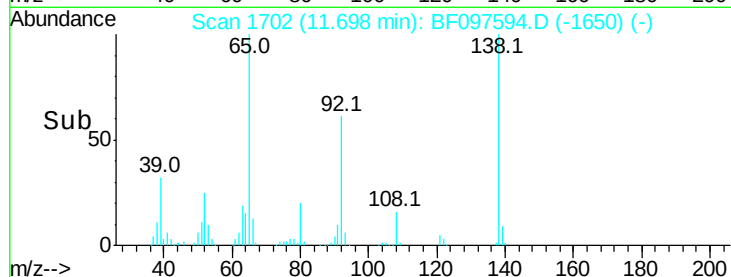
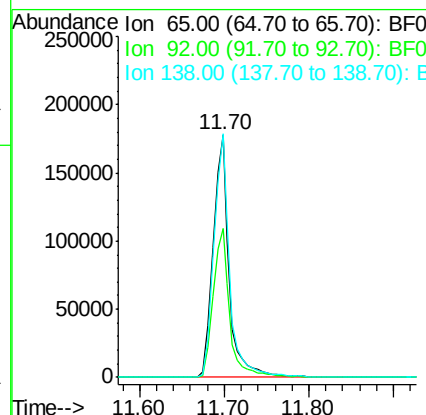
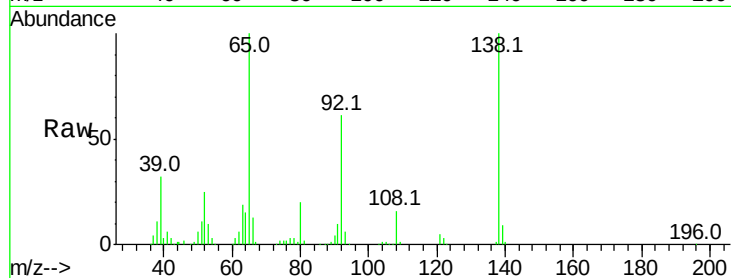
138 100.3 78.8 118.2

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#48

Acenaphthylene

Concen: 47.630 ng

RT: 12.14 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

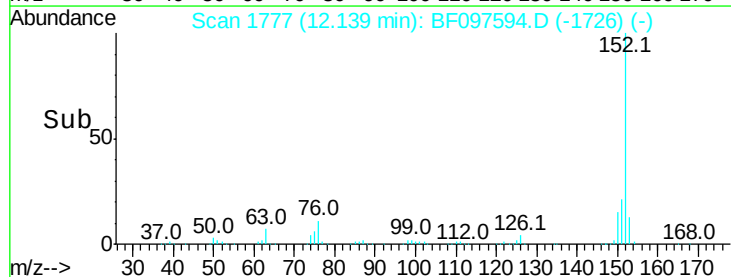
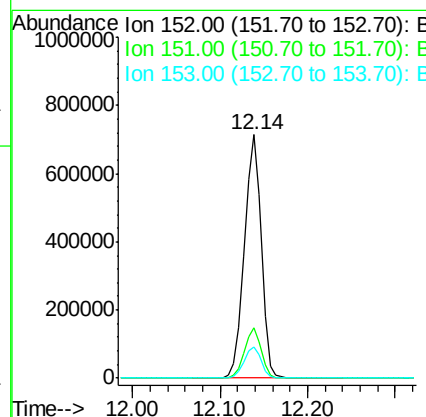
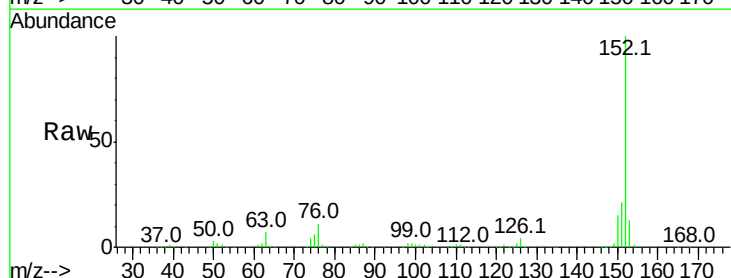
Tgt Ion: 152 Resp: 933625

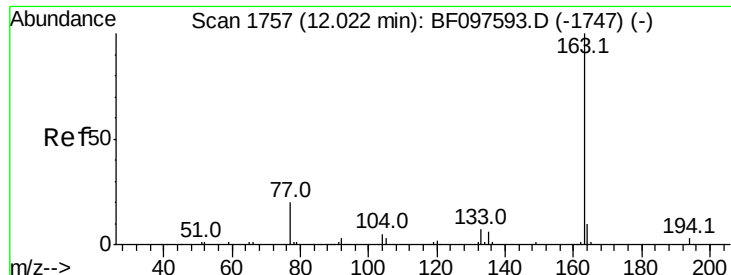
Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

153 13.0 10.8 16.2





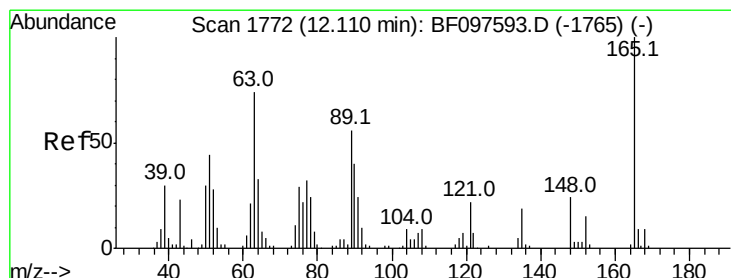
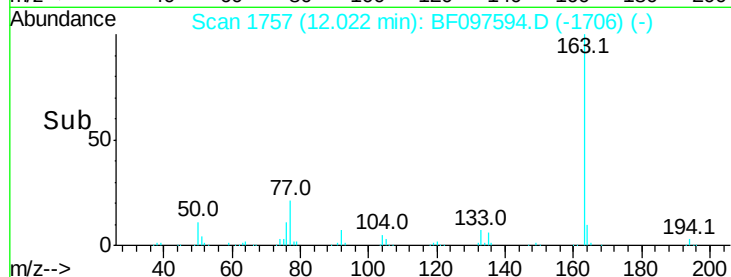
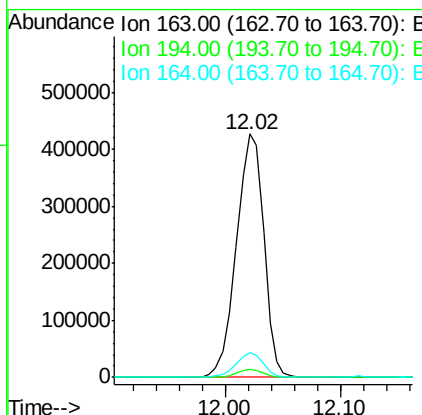
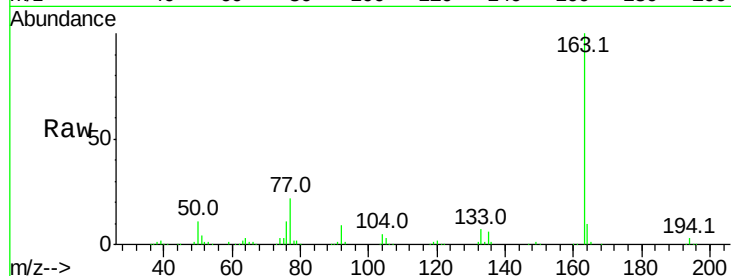
#49  
Dimethylphthalate  
Concen: 51.933 ng  
RT: 12.02 min Scan# 1757  
Delta R.T. -0.00 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 701904 |       |       |
| 194     | 3.1   | 2.6    | 4.0   |       |
| 164     | 9.9   | 8.4    | 12.6  |       |

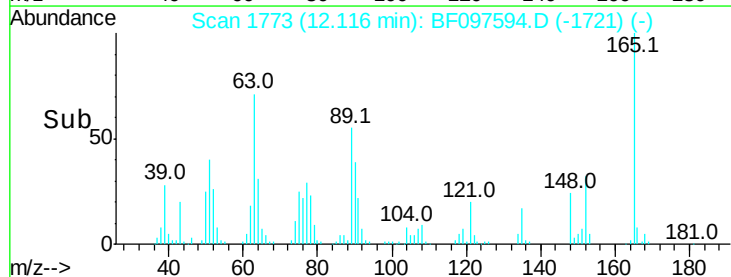
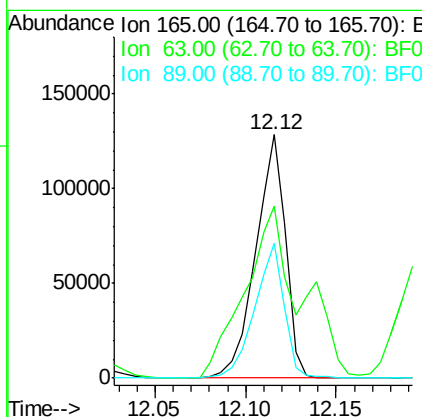
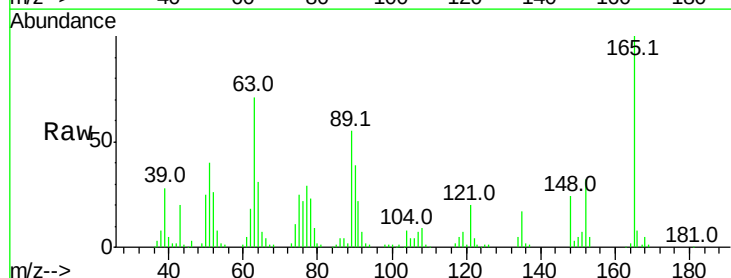
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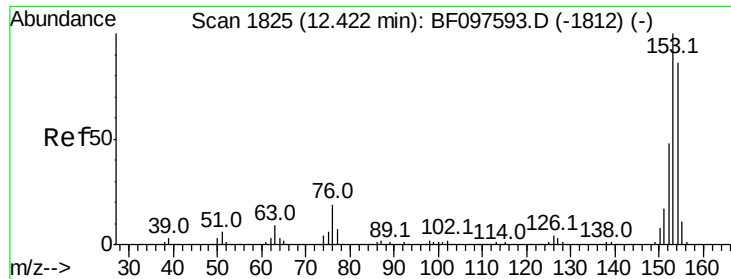
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#50  
2,6-Dinitrotoluene  
Concen: 49.713 ng  
RT: 12.12 min Scan# 1773  
Delta R.T. 0.01 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 146554 |       |       |
| 63      | 70.7  | 34.3   | 51.5# |       |
| 89      | 55.2  | 37.1   | 55.7  |       |





#51

Acenaphthene

Concen: 48.293 ng

RT: 12.42 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

Instrument :

BNA\_F

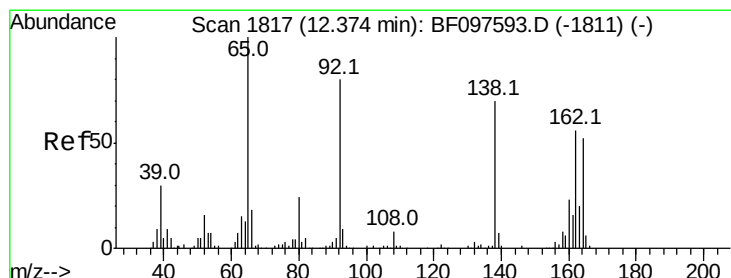
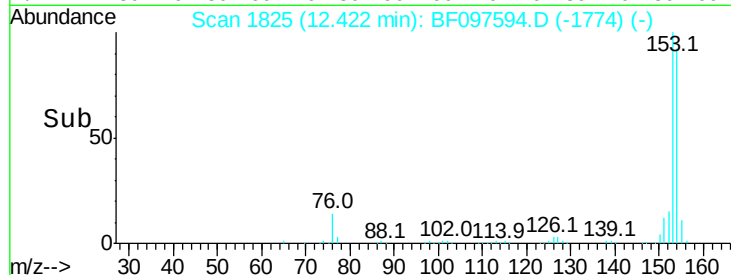
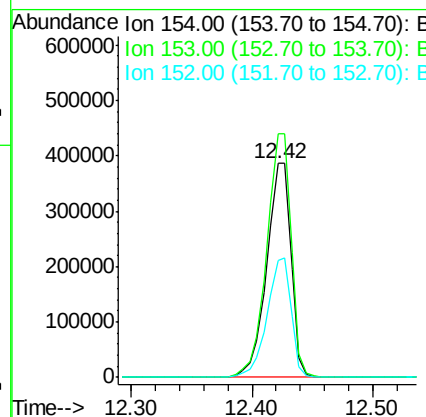
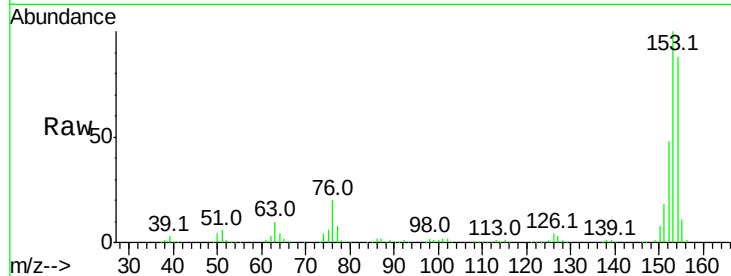
ClientSampleId :

SSTDICC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 546717 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.6 | 90.5  | 135.7  |
| 152       | 54.5  | 43.6  | 65.4   |

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#52

3-Nitroaniline

Concen: 54.985 ng

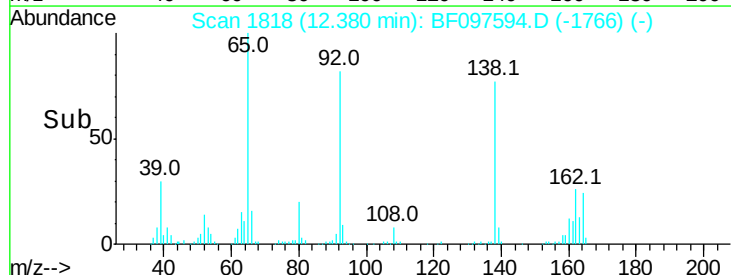
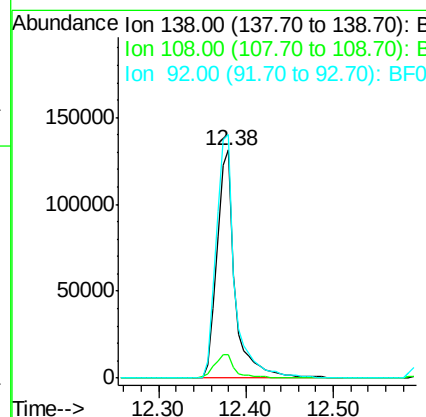
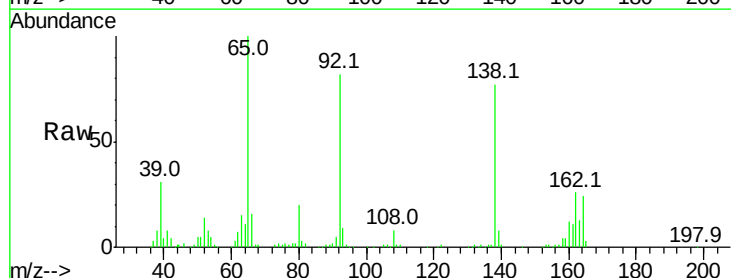
RT: 12.38 min Scan# 1818

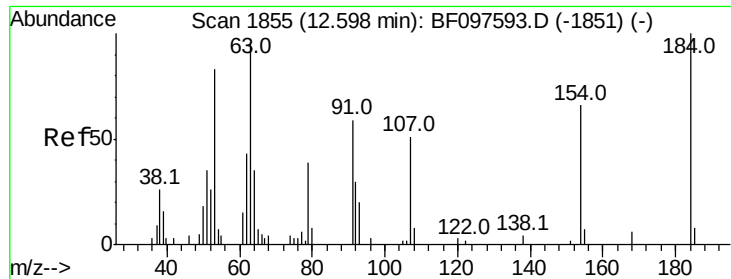
Delta R.T. 0.01 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 188856 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 10.4  | 9.1   | 13.7   |
| 92        | 106.7 | 93.8  | 140.6  |





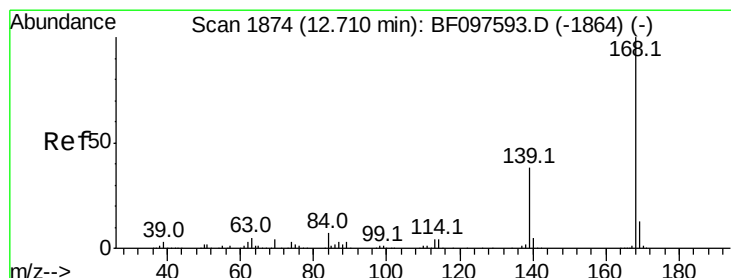
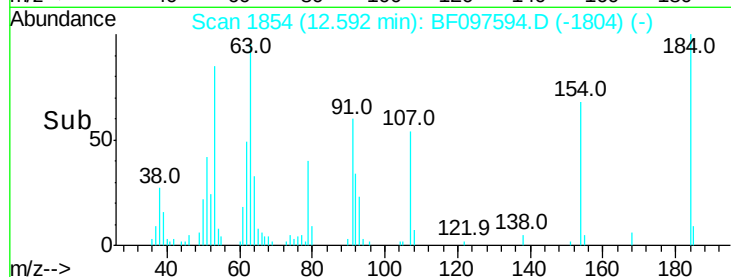
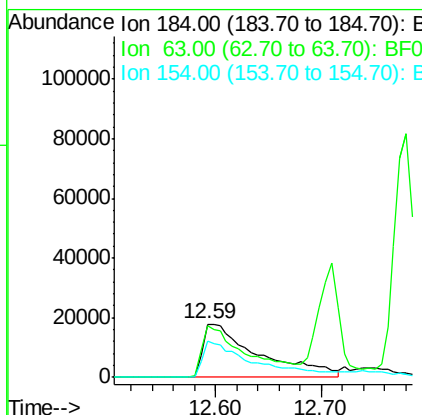
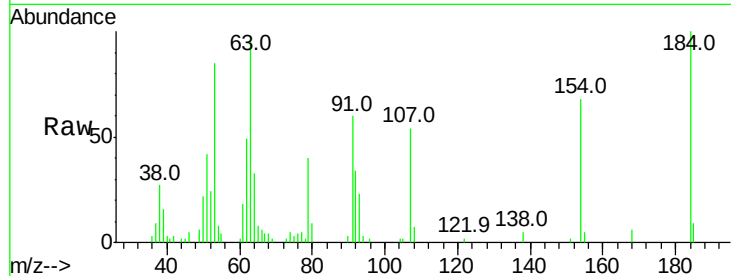
#53  
 2,4-Dinitrophenol  
 Concen: 45.328 ng  
 RT: 12.59 min Scan# 1854  
 Delta R.T. -0.01 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tot Ion:184 Resp: 64542  
 Ion Ratio Lower Upper  
 184 100  
 63 96.1 62.7 94.1#  
 154 68.0 81.1 121.7#

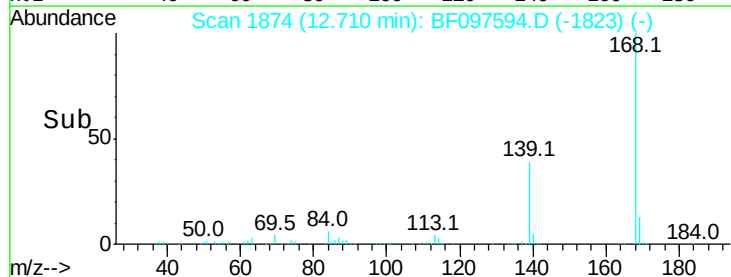
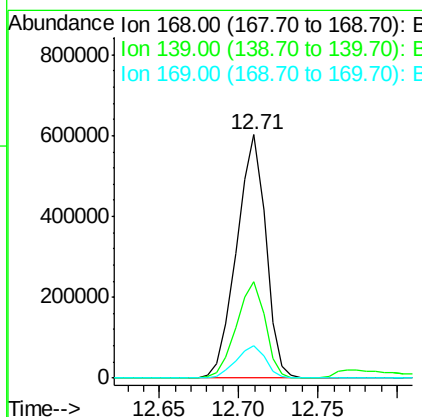
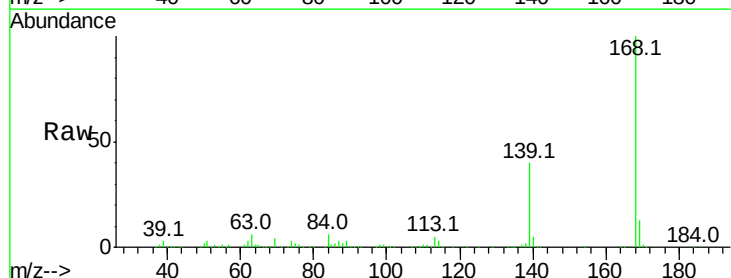
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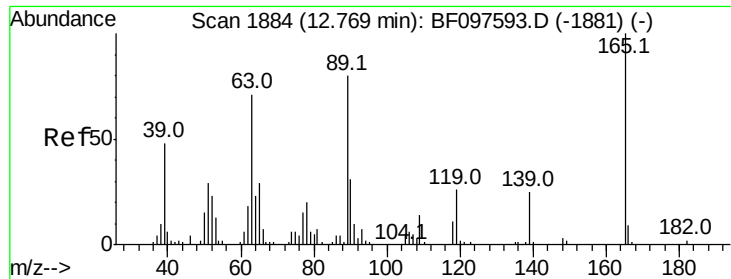
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#54  
 Dibenzofuran  
 Concen: 48.089 ng  
 RT: 12.71 min Scan# 1874  
 Delta R.T. -0.00 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

Tgt Ion:168 Resp: 766223  
 Ion Ratio Lower Upper  
 168 100  
 139 39.5 30.6 45.8  
 169 13.3 10.8 16.2





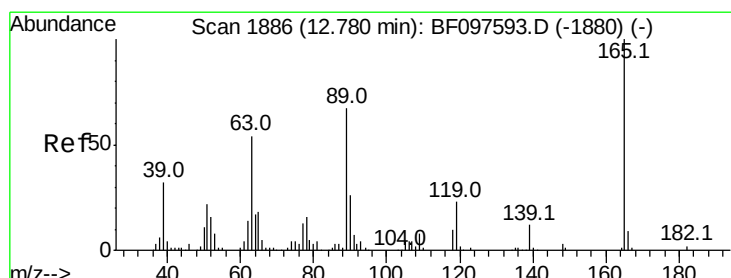
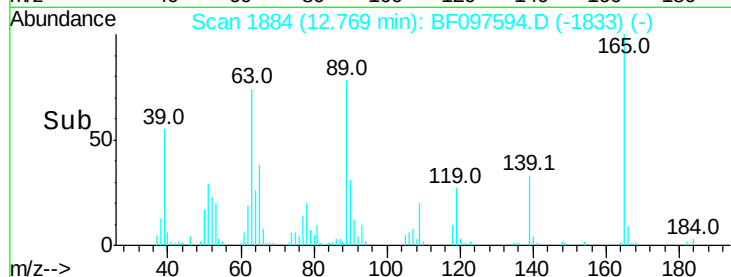
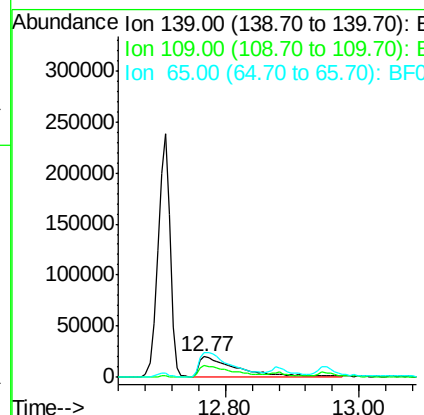
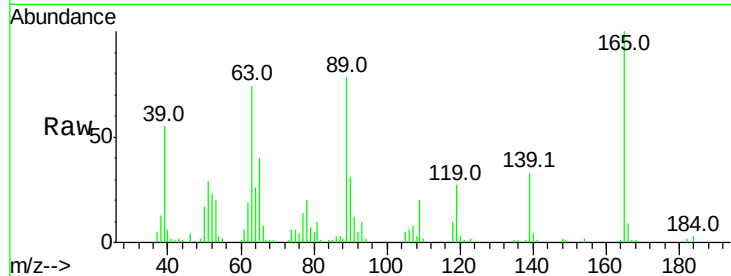
#55  
4-Nitrophenol  
Concen: 47.264 ng  
RT: 12.77 min Scan# 1884  
Delta R.T. -0.00 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 61.1  | 34.1 | 74.1  |       |
| 65      | 119.1 | 31.4 | 71.4  |       |

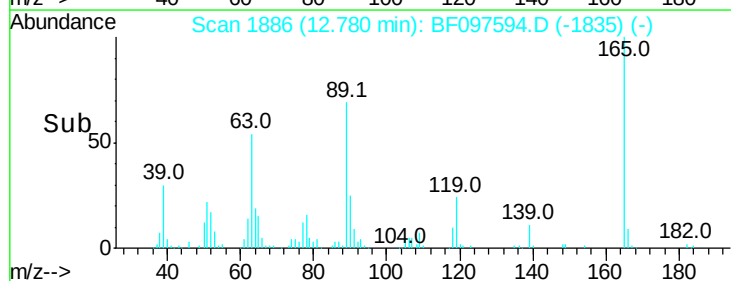
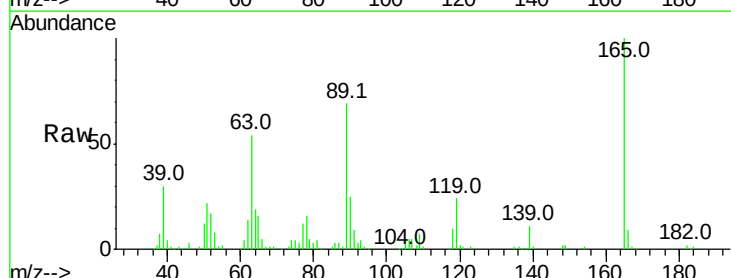
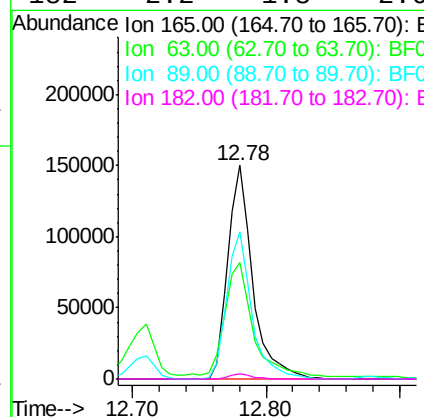
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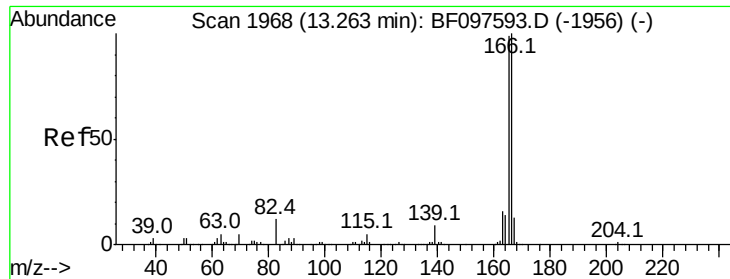


#56  
2,4-Dinitrotoluene  
Concen: 49.634 ng  
RT: 12.78 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 54.3  | 25.4 | 38.0  |       |
| 89      | 69.0  | 46.4 | 69.6  |       |
| 182     | 2.2   | 1.8  | 2.6   |       |







#57

Fluorene

Concen: 44.543 ng

RT: 13.26 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

Instrument :

BNA\_F

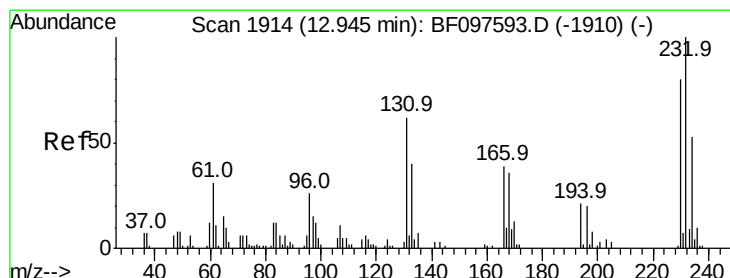
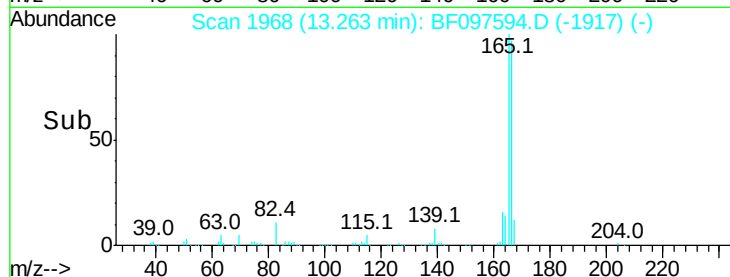
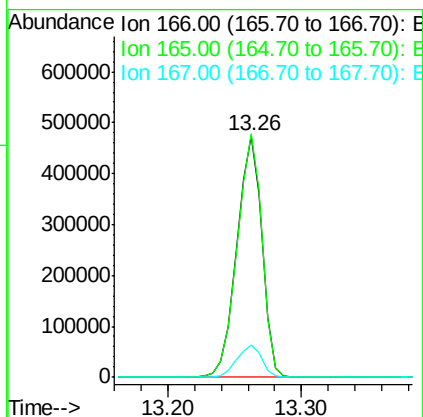
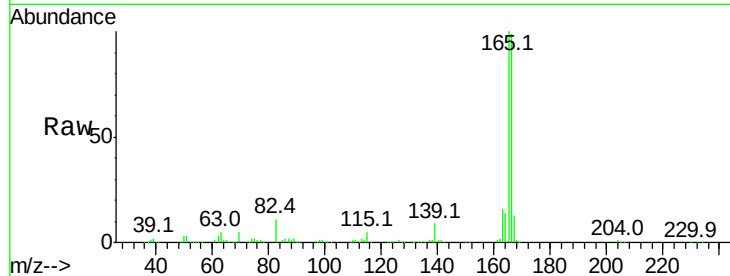
ClientSampleId :

SSTDICC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 617629 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 100.9 | 78.8  | 118.2  |
| 167       | 13.2  | 10.6  | 16.0   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.612 ng

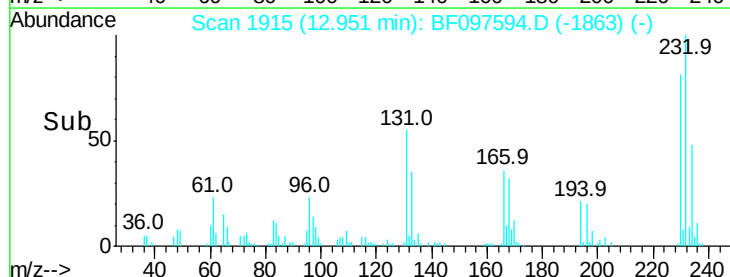
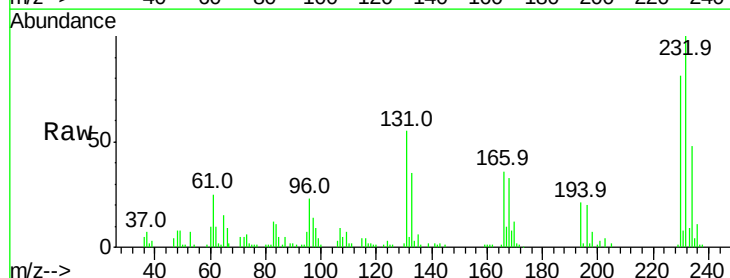
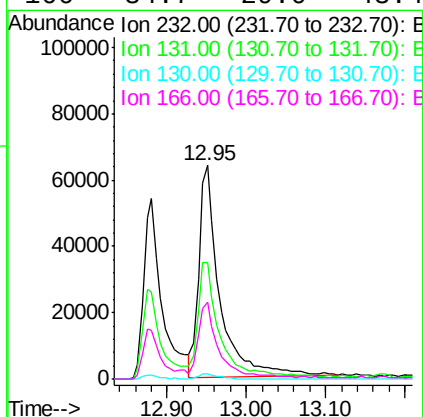
RT: 12.95 min Scan# 1915

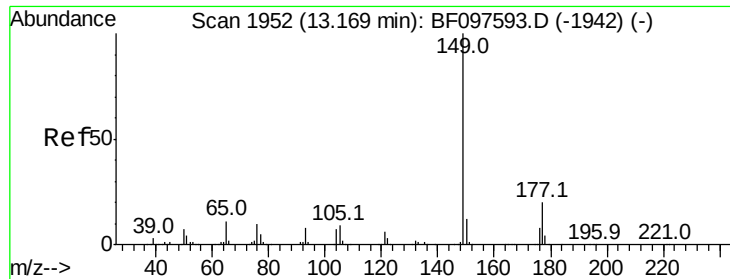
Delta R.T. 0.01 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 118690 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 56.5  | 44.8  | 67.2   |
| 130       | 2.3   | 2.3   | 3.5#   |
| 166       | 34.7  | 29.0  | 43.4   |





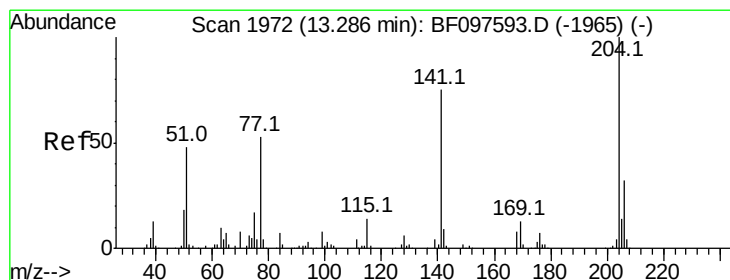
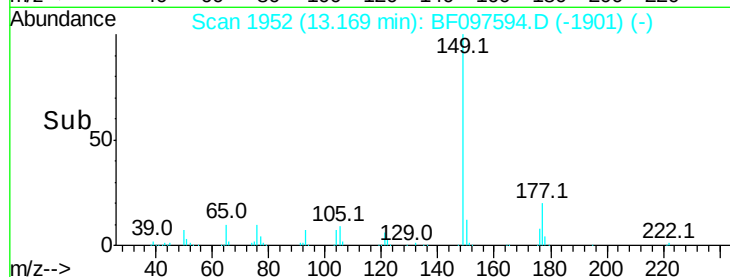
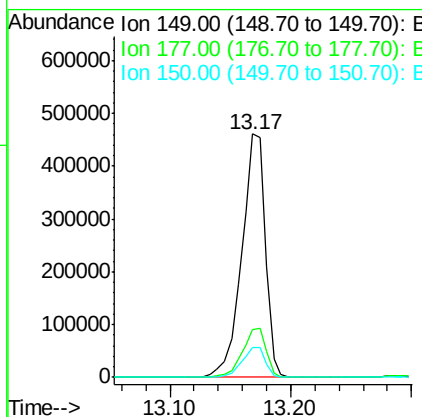
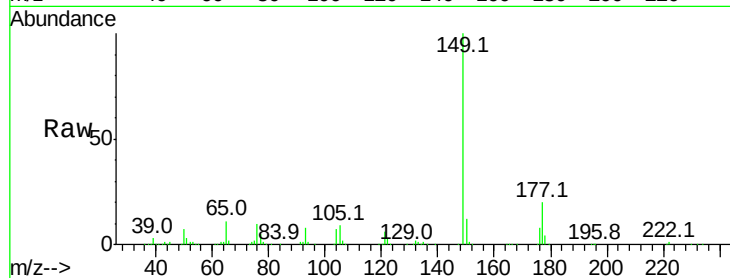
#59  
Diethylphthalate  
Concen: 48.543 ng  
RT: 13.17 min Scan# 1952  
Delta R.T. -0.00 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 19.9  | 16.7  | 25.1  |
| 150     | 12.0  | 10.2  | 15.2  |

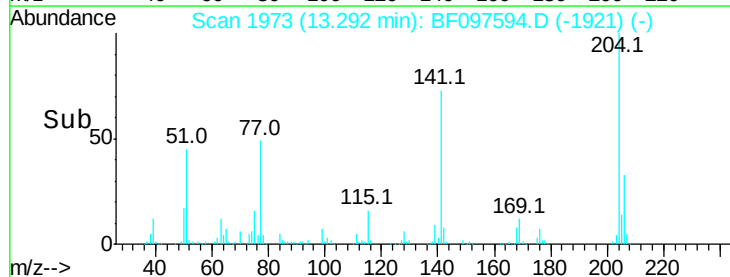
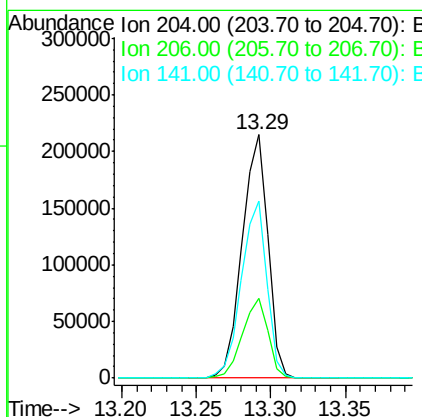
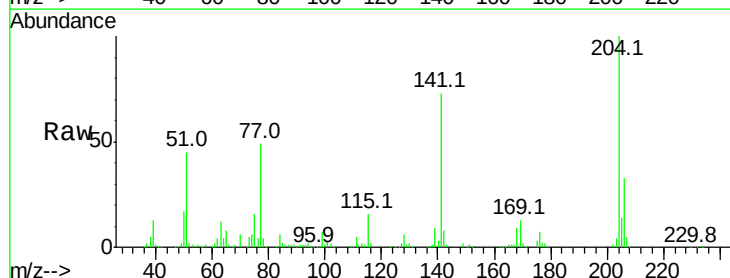
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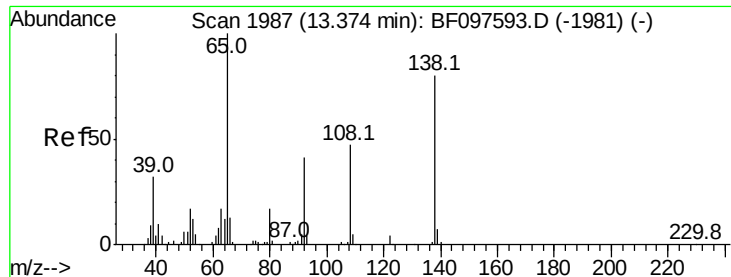
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#60  
4-Chlorophenyl-phenylether  
Concen: 42.663 ng  
RT: 13.29 min Scan# 1973  
Delta R.T. 0.01 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.0  | 26.2  | 39.2  |
| 141     | 72.5  | 60.8  | 91.2  |





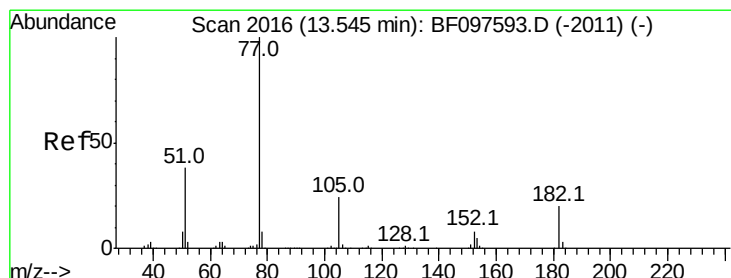
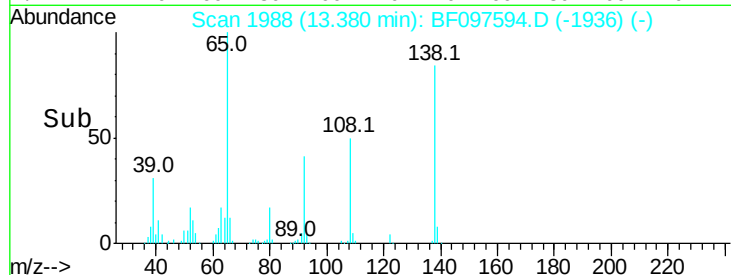
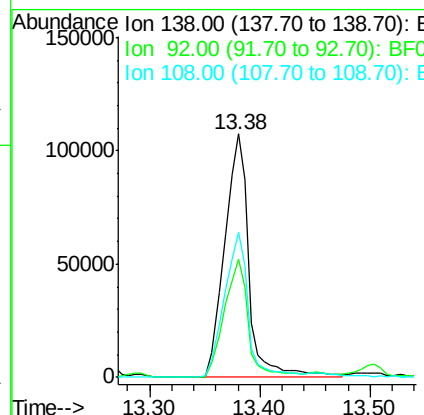
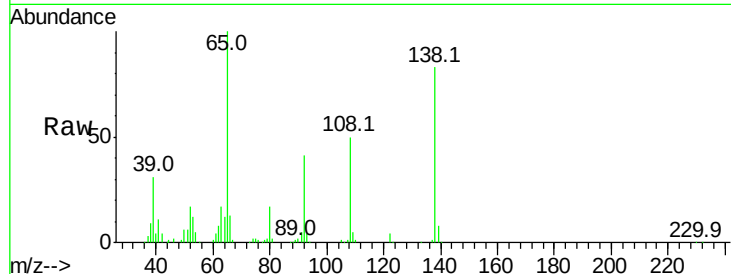
#61  
4-Nitroaniline  
Concen: 51.665 ng  
RT: 13.38 min Scan# 1988  
Delta R.T. 0.01 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.8  | 21.8  | 61.8  |
| 108     | 59.7  | 42.3  | 82.3  |

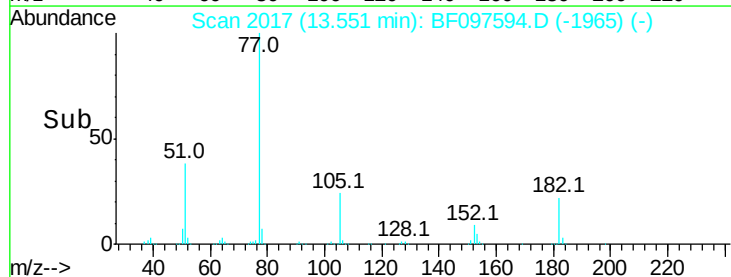
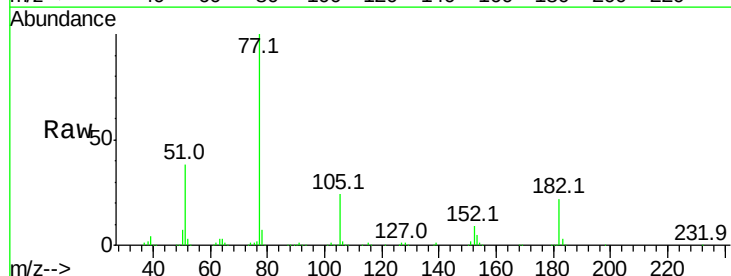
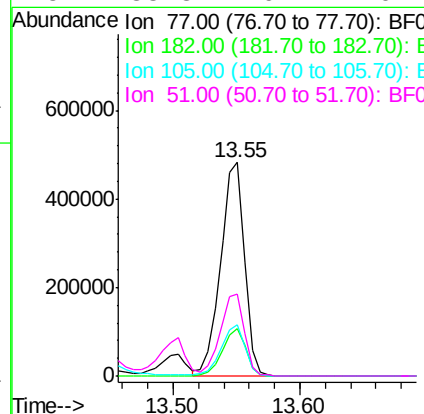
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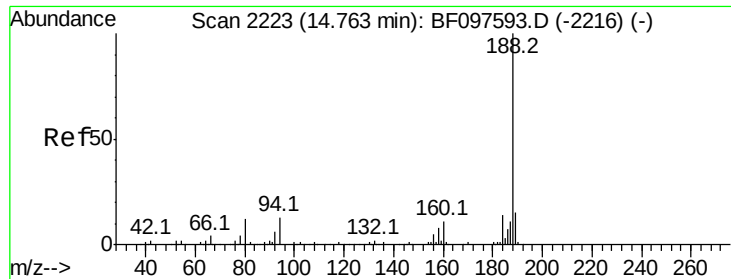
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#62  
Azobenzene  
Concen: 53.932 ng  
RT: 13.55 min Scan# 2017  
Delta R.T. 0.01 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 22.1  | 0.1   | 40.1  |
| 105     | 23.9  | 3.6   | 43.6  |
| 51      | 38.3  | 9.4   | 49.4  |





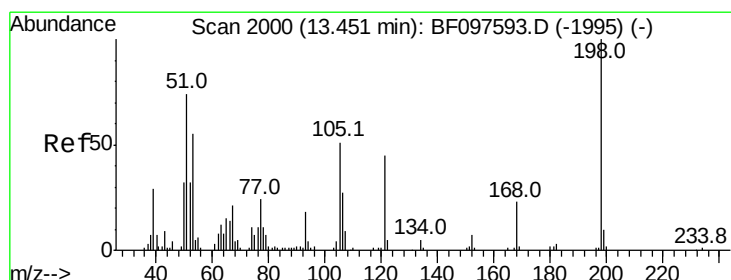
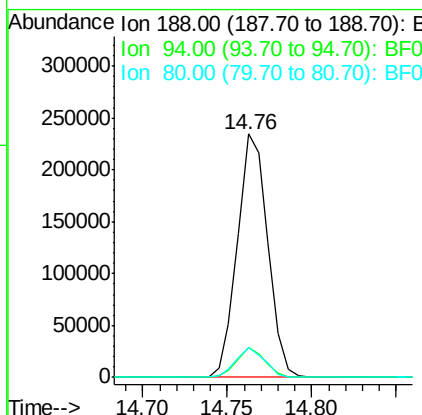
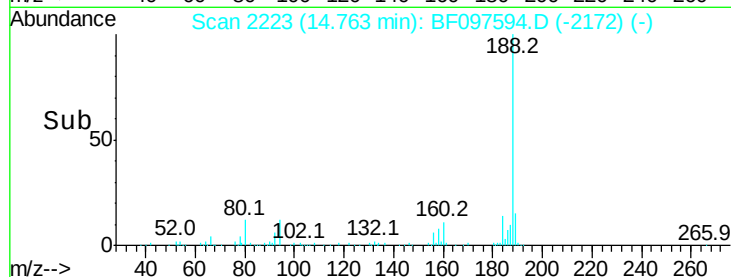
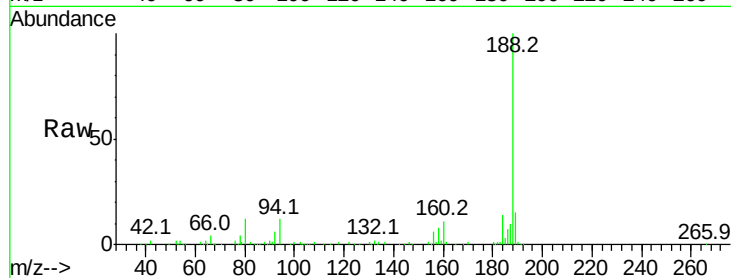
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 14.76 min Scan# 2223  
Delta R.T. -0.00 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 12.1  | 9.4        | 14.2       |
| 80      | 12.2  | 10.2       | 15.2       |

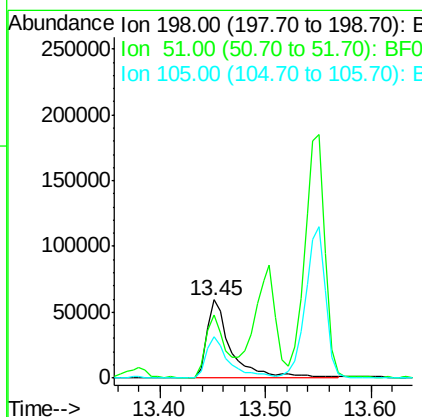
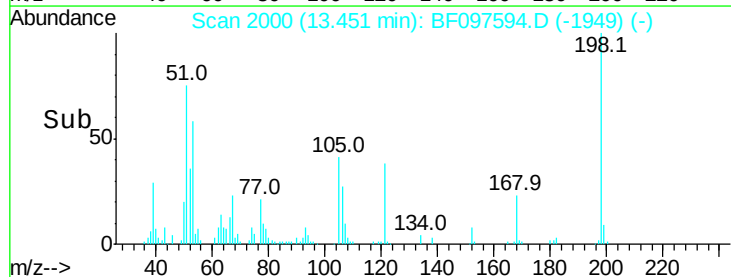
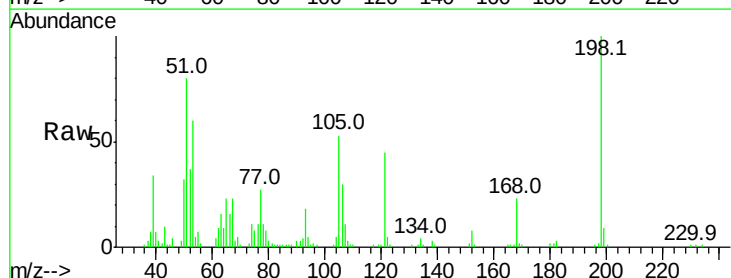
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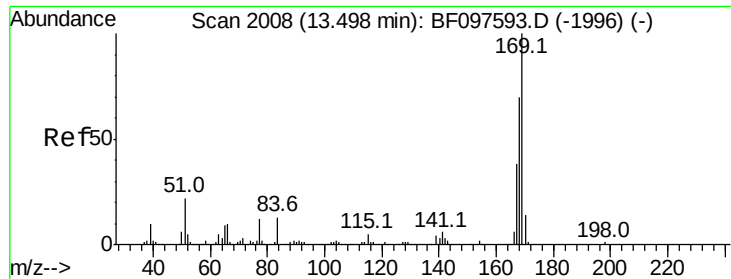
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 49.683 ng  
RT: 13.45 min Scan# 2000  
Delta R.T. -0.00 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 80.4  | 53.2       | 93.2       |
| 105     | 53.5  | 45.8       | 85.8       |





#65

n-Nitrosodiphenylamine

Concen: 51.942 ng

RT: 13.50 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

Instrument :

BNA\_F

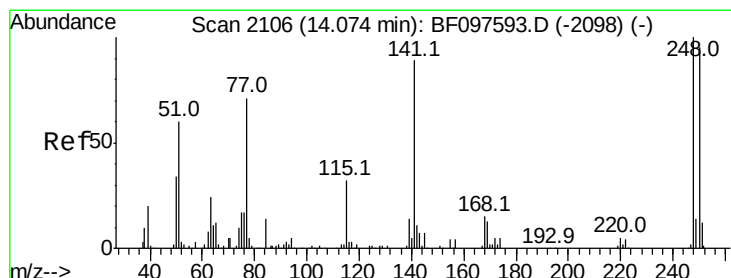
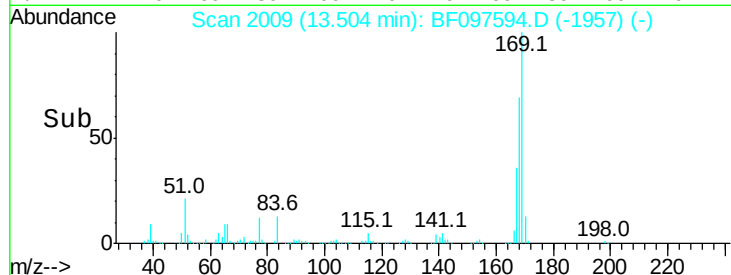
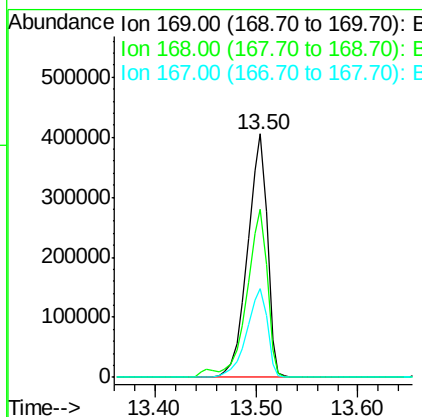
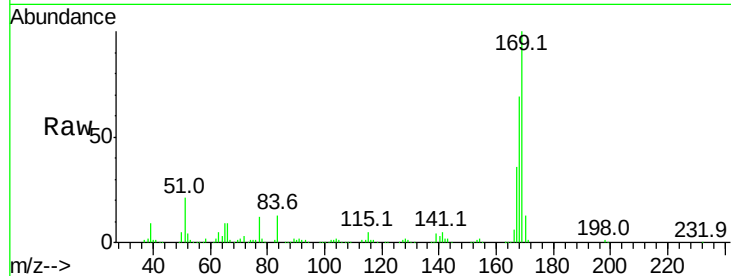
ClientSampled :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 548413 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 68.9  | 53.2  | 79.8   |
| 167       | 36.4  | 29.5  | 44.3   |

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#66

4-Bromophenyl-phenylether

Concen: 51.229 ng

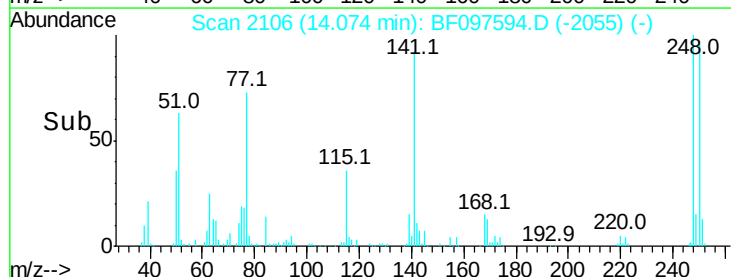
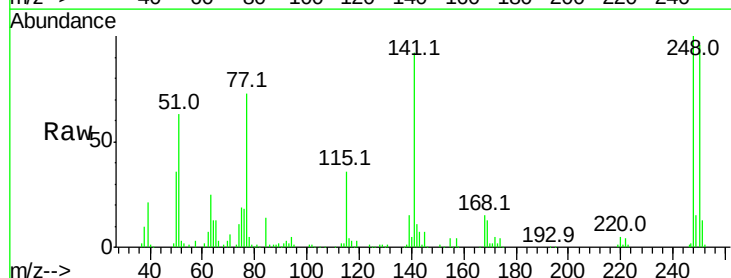
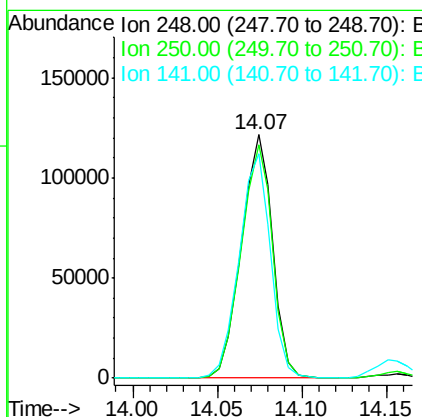
RT: 14.07 min Scan# 2106

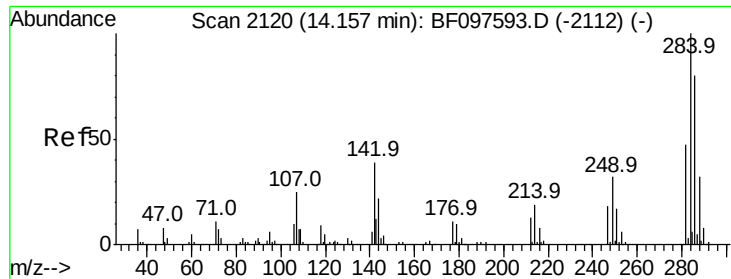
Delta R.T. -0.00 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 156440 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 96.0  | 76.8  | 115.2  |
| 141       | 92.3  | 68.6  | 103.0  |





#67

Hexachlorobenzene

Concen: 56.503 ng

RT: 14.16 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

Instrument :

BNA\_F

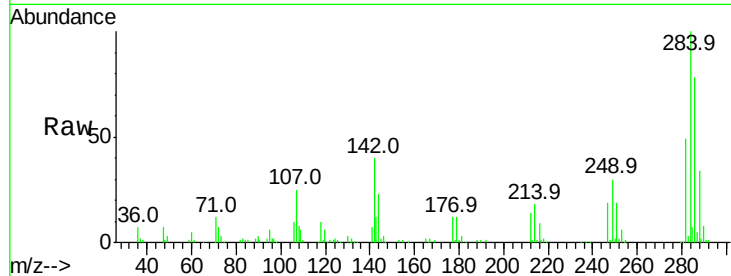
ClientSampleId :

SSTDIC050

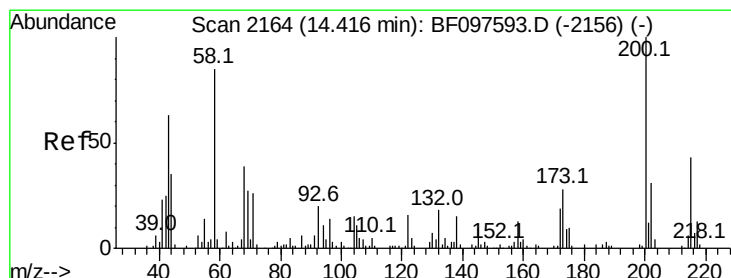
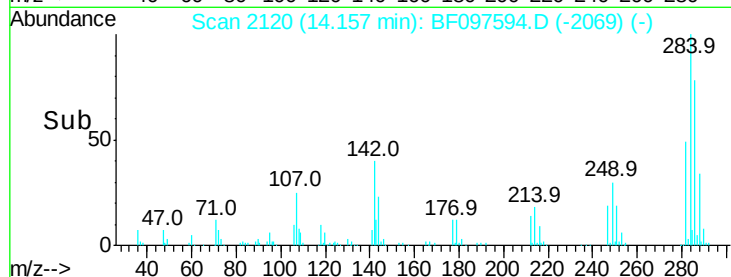
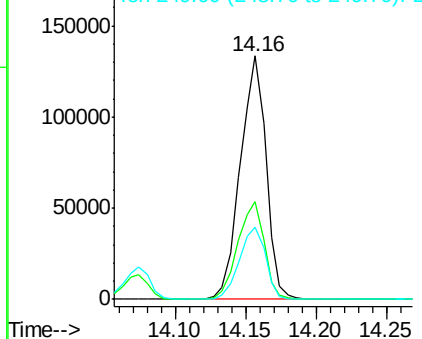
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 284  | Resp: | 170025 |
| Ion Ratio |      | Lower | Upper  |
| 284       | 100  |       |        |
| 142       | 40.1 | 22.8  | 34.2#  |
| 249       | 29.5 | 24.0  | 36.0   |

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



#68

Atrazine

Concen: 46.905 ng

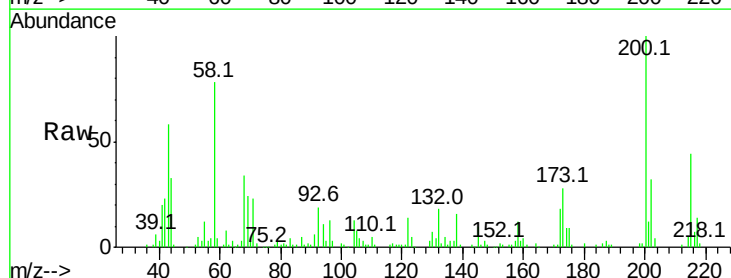
RT: 14.42 min Scan# 2165

Delta R.T. 0.01 min

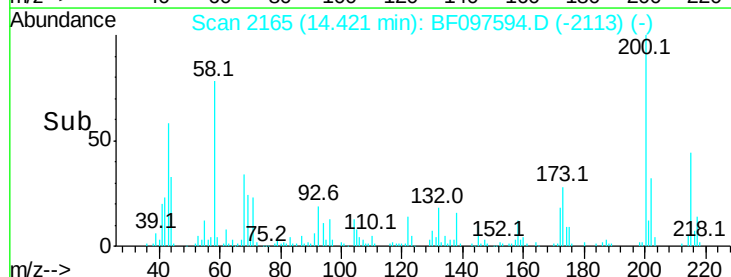
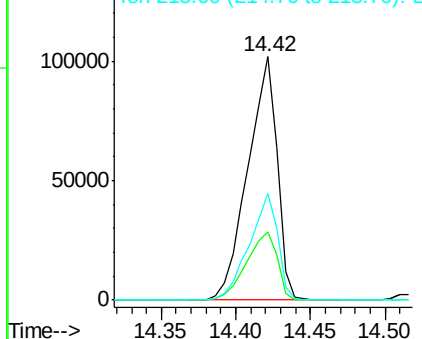
Lab File: BF097594.D

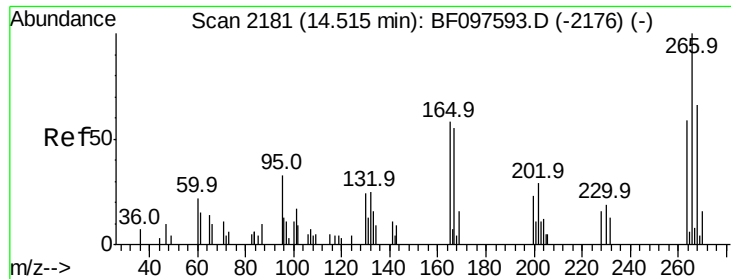
Acq: 11 Aug 2017 14:06

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 200  | Resp: | 137828 |
| Ion Ratio |      | Lower | Upper  |
| 200       | 100  |       |        |
| 173       | 28.3 | 6.3   | 46.3   |
| 215       | 43.9 | 27.2  | 67.2   |



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





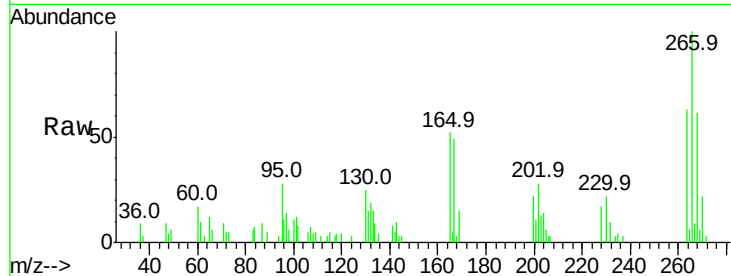
#69  
 Pentachlorophenol  
 Concen: 34.923 ng/mL  
 RT: 14.52 min Scan# 2181  
 Delta R.T. -0.00 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 34426 |       |       |
| 268     | 60.8  |       | 51.1  | 76.7  |
| 264     | 63.5  |       | 51.7  | 77.5  |

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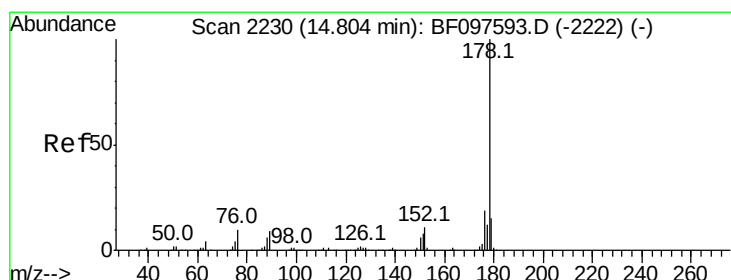
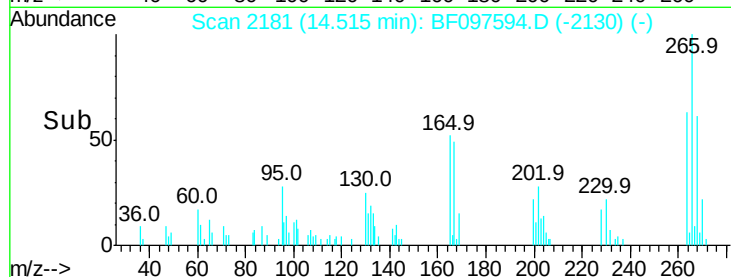
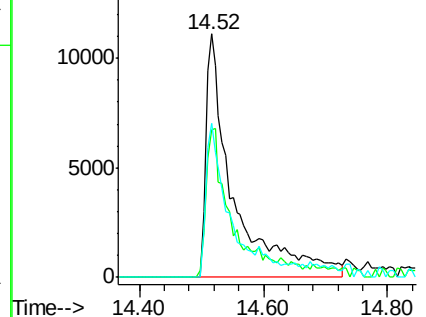


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70  
 Phenanthrene  
 Concen: 49.721 ng/mL  
 RT: 14.80 min Scan# 2230  
 Delta R.T. -0.00 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

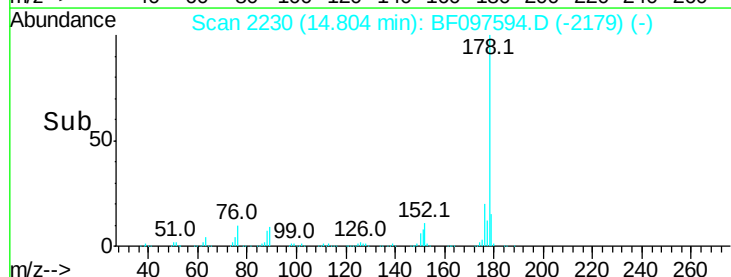
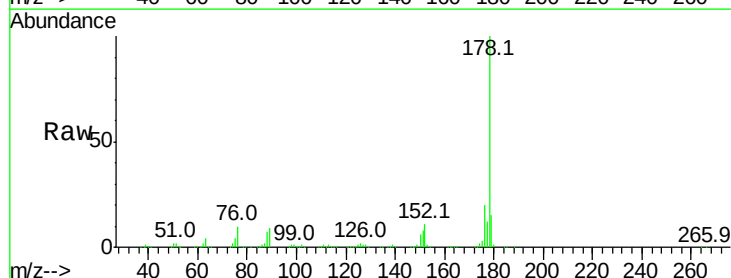
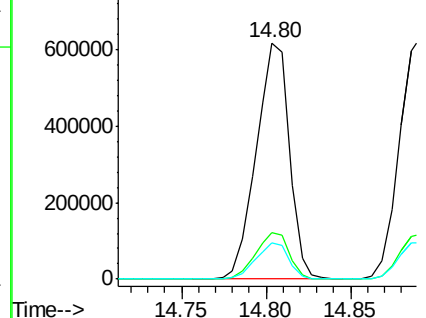
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 842959 |       |       |
| 176     | 19.7  |        | 16.2  | 24.4  |
| 179     | 15.2  |        | 12.6  | 19.0  |

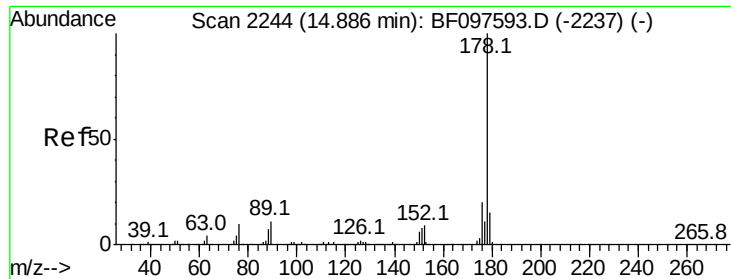
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





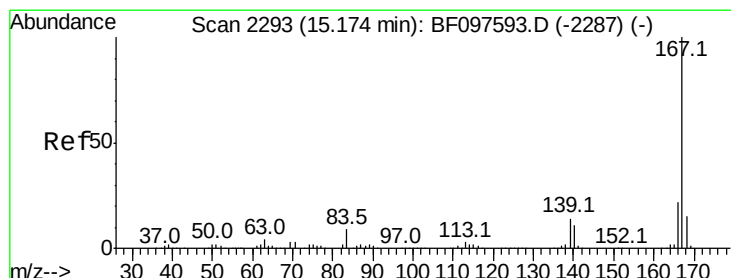
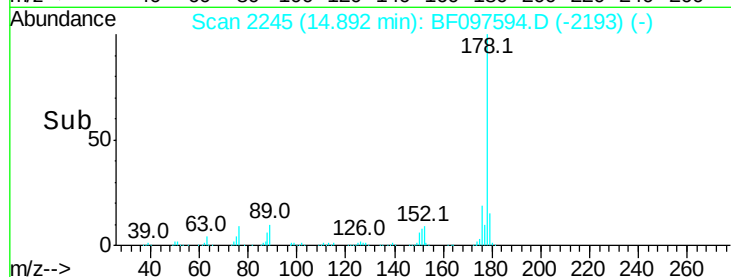
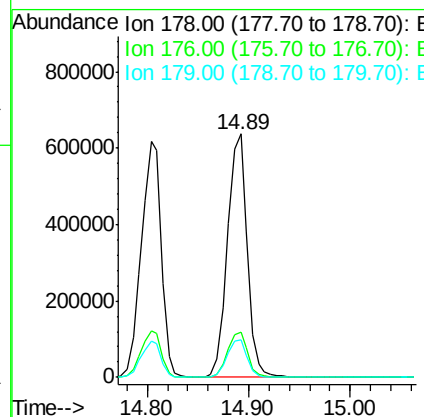
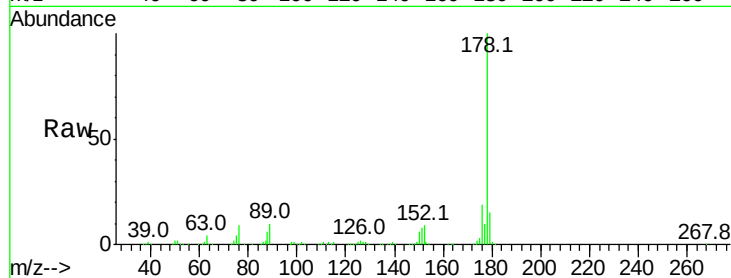
#71  
 Anthracene  
 Concen: 48.796 ng  
 RT: 14.89 min Scan# 2245  
 Delta R.T. 0.01 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 15.8  | 23.8  |
| 179     | 15.4  | 12.7  | 19.1  |

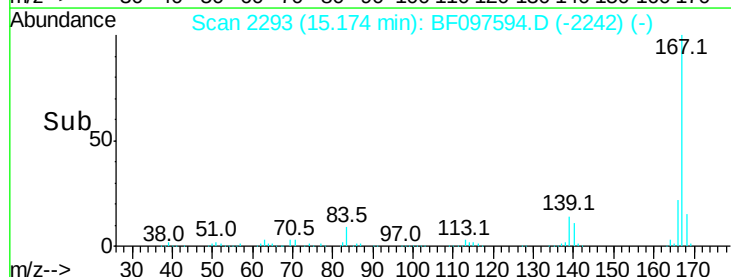
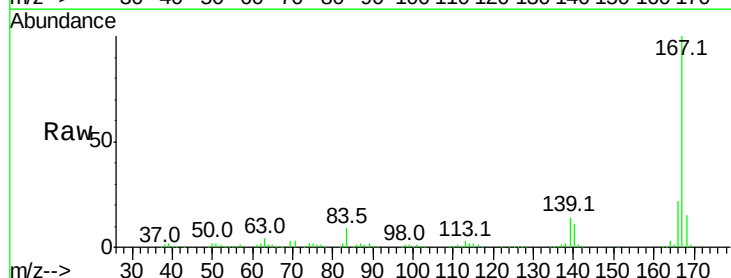
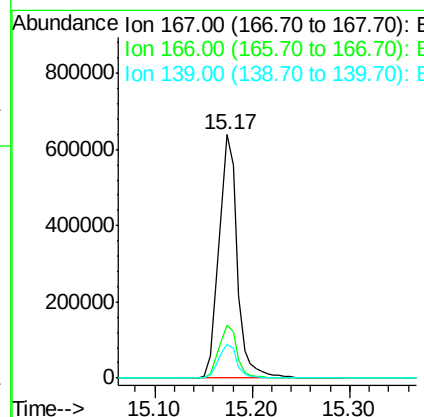
Manual Integrations  
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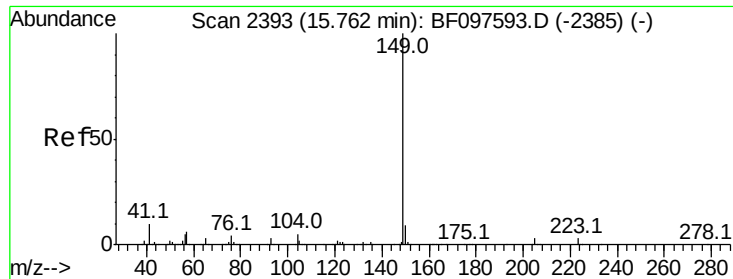


#72  
 Carbazole  
 Concen: 48.558 ng  
 RT: 15.17 min Scan# 2293  
 Delta R.T. -0.00 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.0  | 18.1  | 27.1  |
| 139     | 14.1  | 11.7  | 17.5  |







#73

Di-n-butylphthalate

Concen: 54.892 ng

RT: 15.76 min Scan# 2393

Delta R.T. -0.00 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

Instrument :

BNA\_F

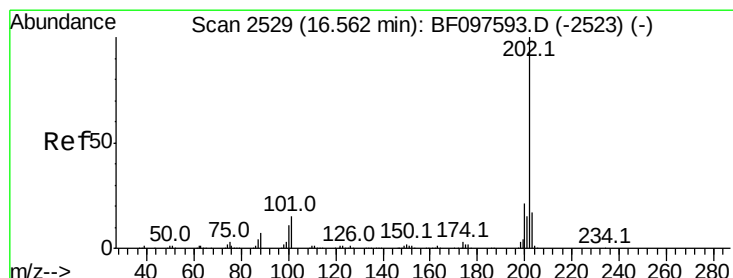
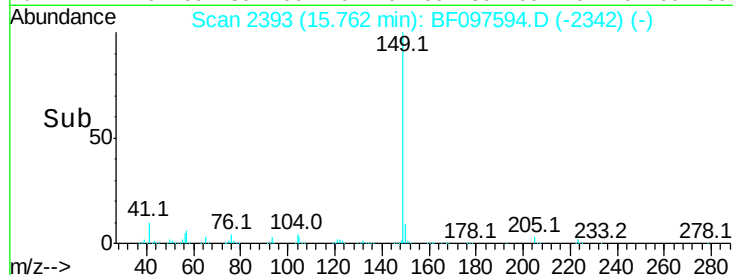
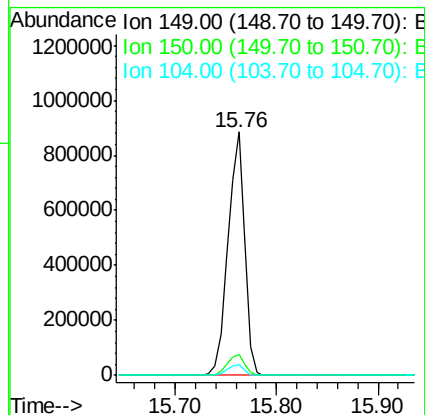
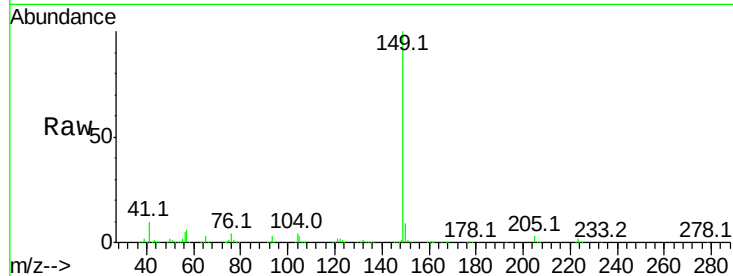
ClientSampleId :

SSTDICC050

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 149   | Resp: | 1007319 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 150      | 8.8   | 7.7   | 11.5    |
| 104      | 4.4   | 4.0   | 6.0     |

Manual Integrations  
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#74

Fluoranthene

Concen: 38.798 ng

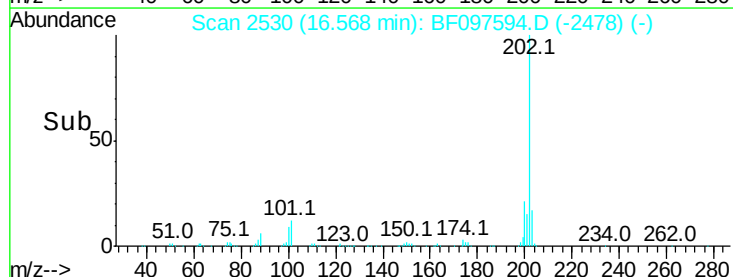
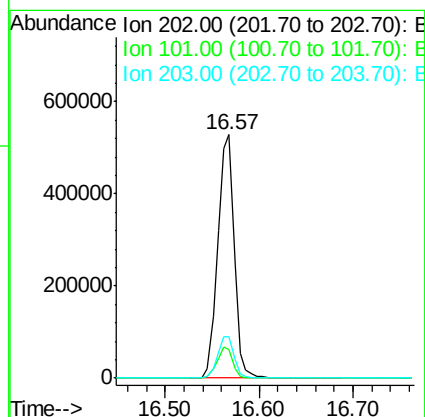
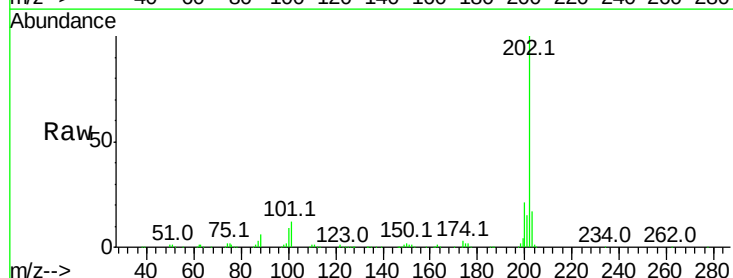
RT: 16.57 min Scan# 2530

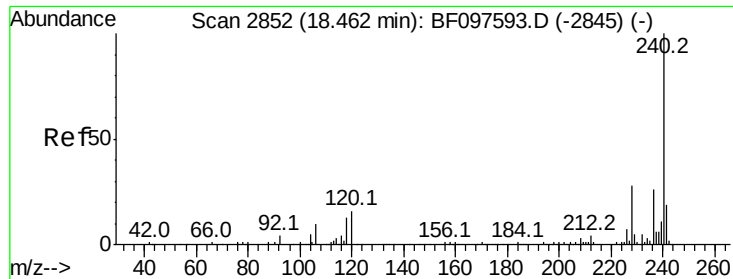
Delta R.T. 0.01 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 651043 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 11.5  | 0.0   | 33.2   |
| 203      | 17.0  | 0.0   | 38.1   |





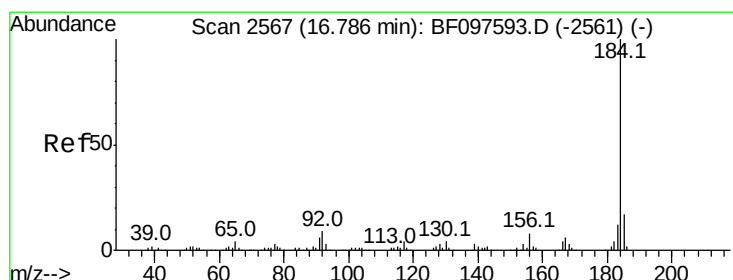
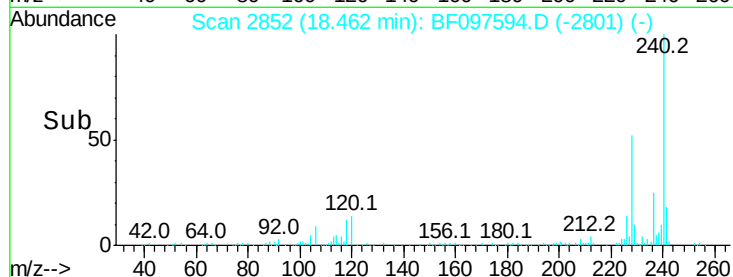
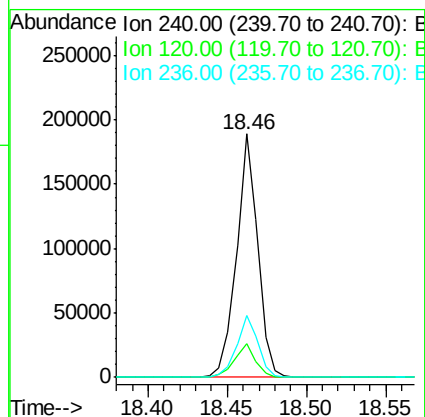
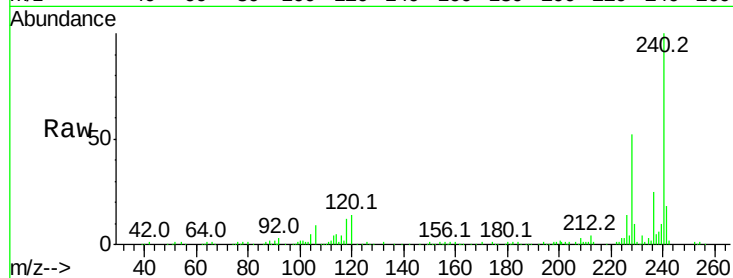
#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 18.46 min Scan# 2852  
 Delta R.T. -0.00 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 13.6  | 5.8   | 8.8#  |
| 236     | 25.2  | 20.5  | 30.7  |

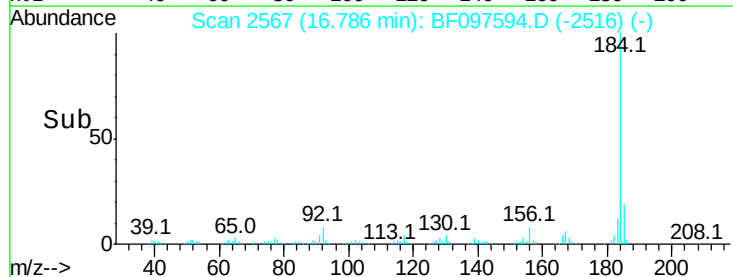
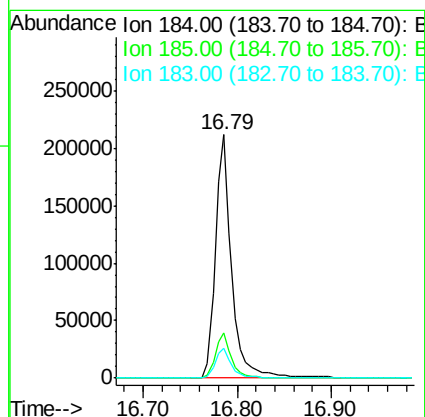
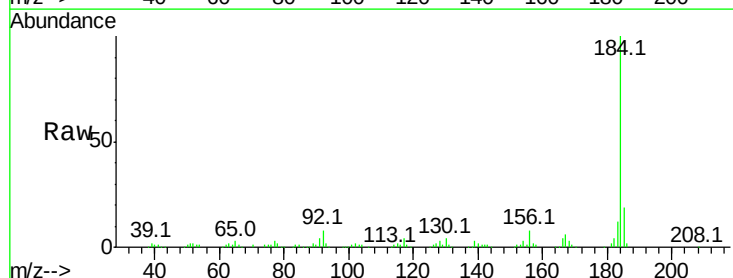
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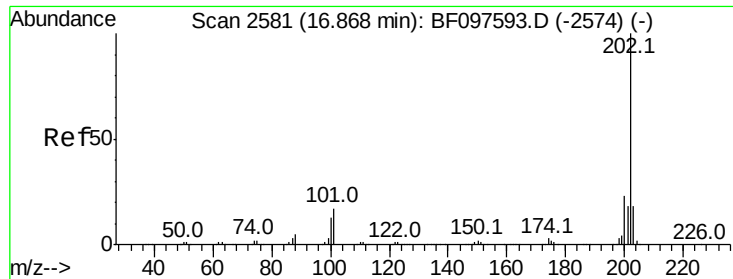
sohil  
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#76  
 Benzidine  
 Concen: 38.337 ng  
 RT: 16.79 min Scan# 2567  
 Delta R.T. -0.00 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 18.7  | 15.5  | 23.3  |
| 183     | 12.4  | 9.8   | 14.6  |





#77

Pvrene

Concen: 50.607 ng

RT: 16.87 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

Instrument :

BNA\_F

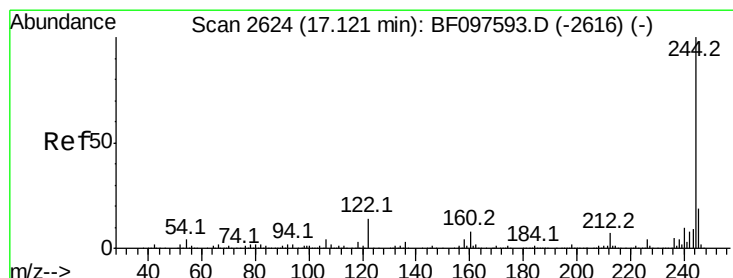
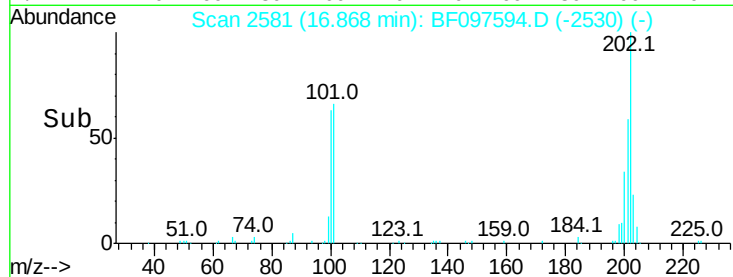
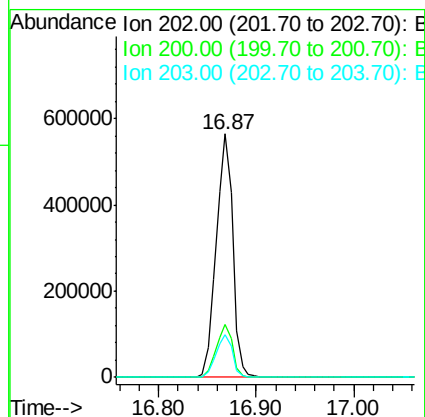
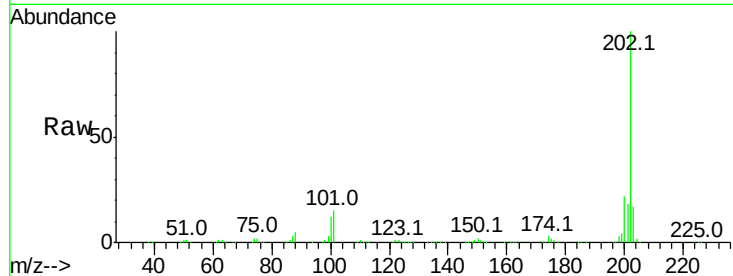
ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 662838 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.6  | 17.6  | 26.4   |
| 203       | 17.4  | 14.4  | 21.6   |

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#78

Terphenyl-d14

Concen: 111.055 ng

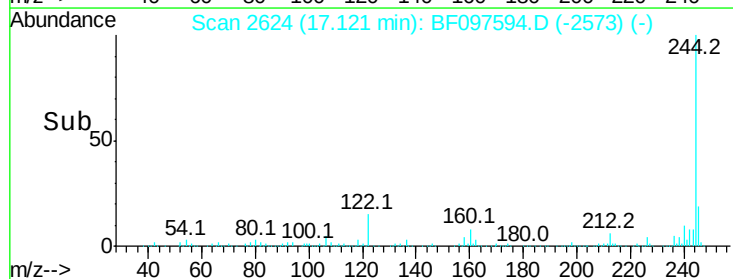
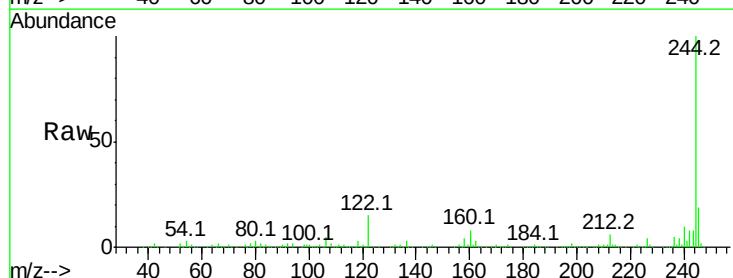
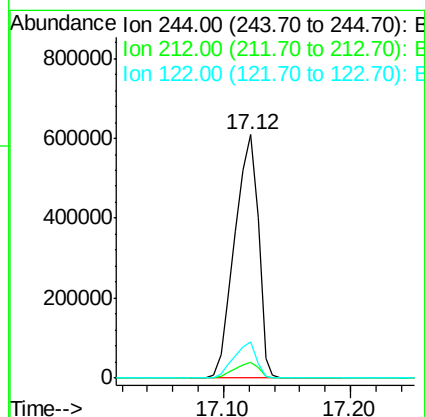
RT: 17.12 min Scan# 2624

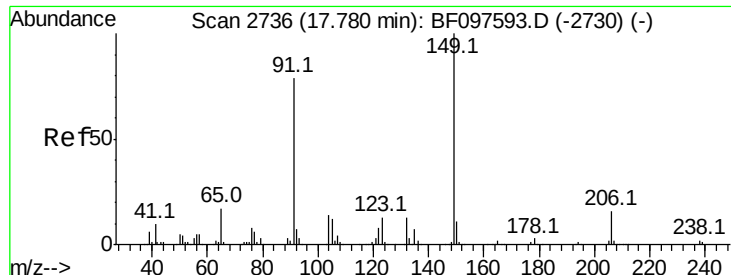
Delta R.T. -0.00 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 785513 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 6.4   | 6.0   | 9.0    |
| 122       | 14.7  | 10.3  | 15.5   |





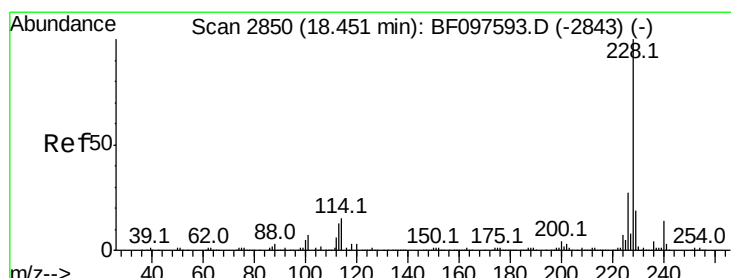
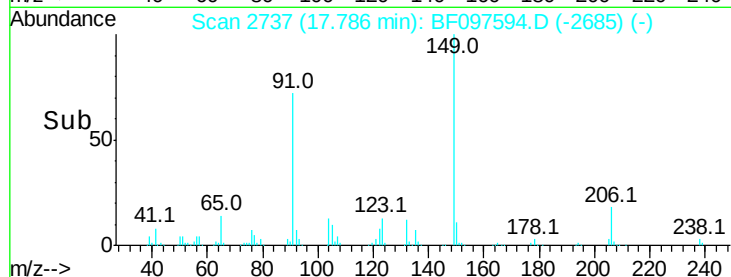
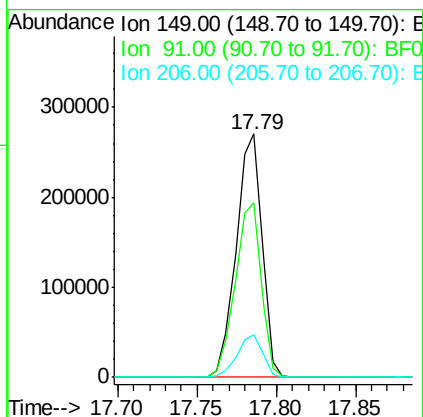
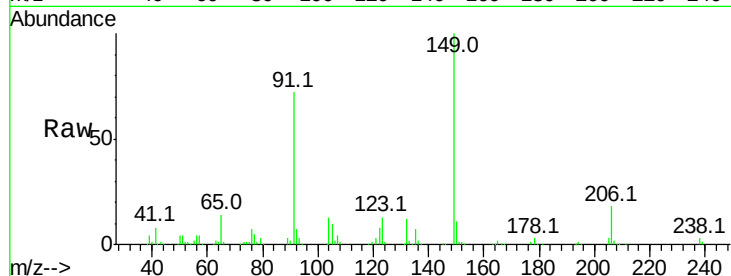
#79  
Butylbenzylphthalate  
Concen: 53.168 ng  
RT: 17.79 min Scan# 2737  
Delta R.T. 0.01 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 304131 |       |       |
| 91      | 71.7  | 45.0   | 67.4  |       |
| 206     | 17.7  | 17.0   | 25.6  |       |

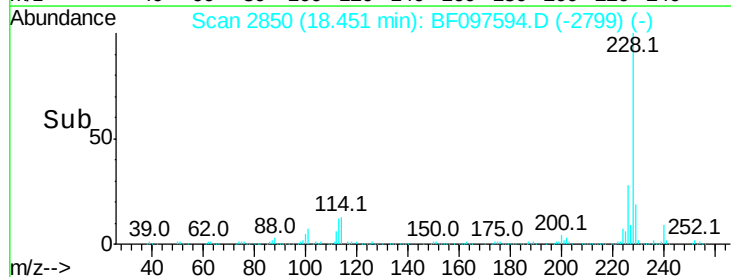
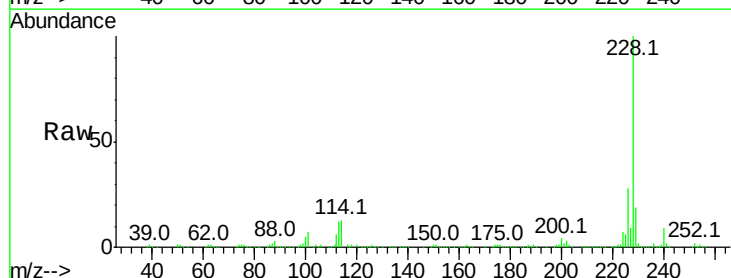
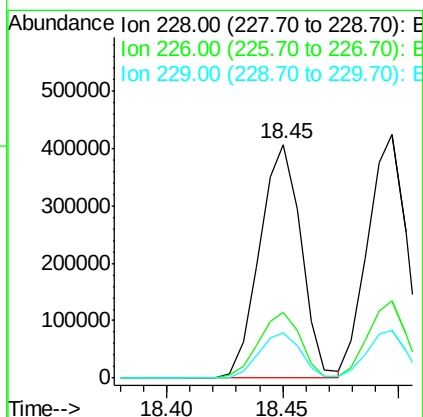
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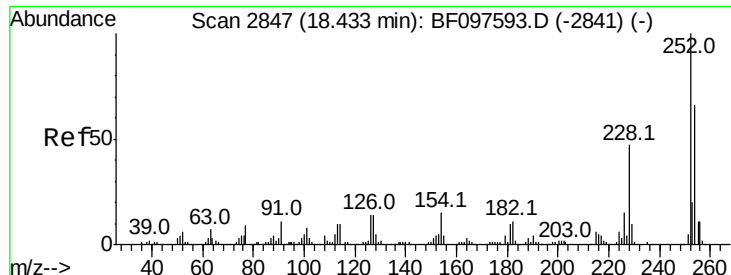
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#80  
Benzo(a)anthracene  
Concen: 49.800 ng  
RT: 18.45 min Scan# 2850  
Delta R.T. -0.00 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 508249 |       |       |
| 226     | 28.3  | 22.6   | 33.8  |       |
| 229     | 19.5  | 16.3   | 24.5  |       |





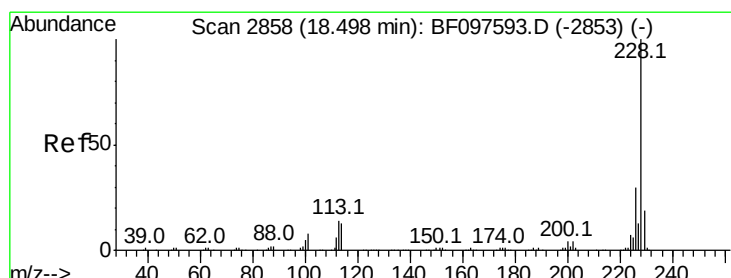
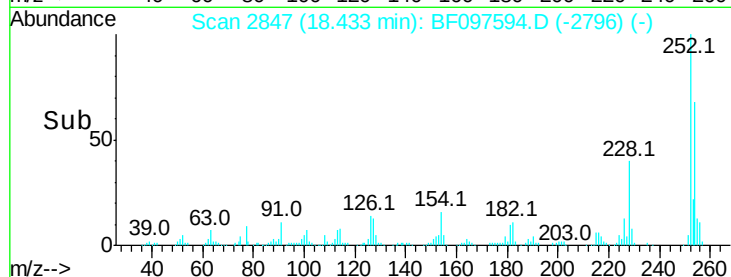
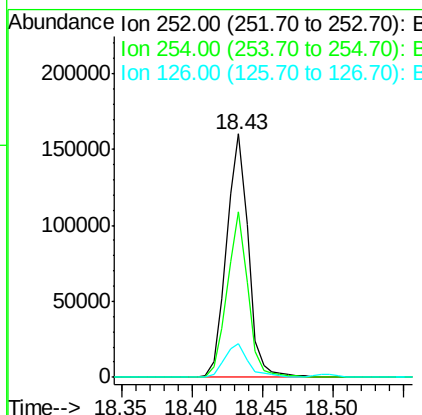
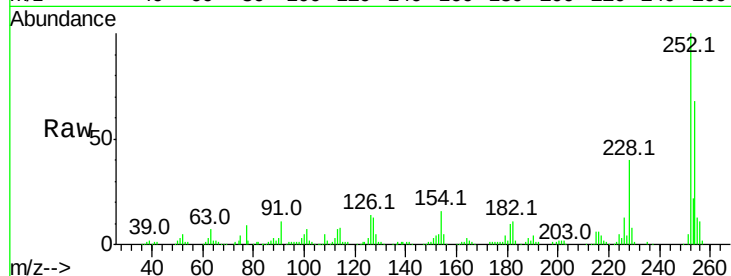
#81  
 3,3'-Dichlorobenzidine  
 Concen: 47.475 ng  
 RT: 18.43 min Scan# 2847  
 Delta R.T. -0.00 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 68.0  | 51.5  | 77.3  |
| 126     | 13.8  | 15.8  | 23.8  |

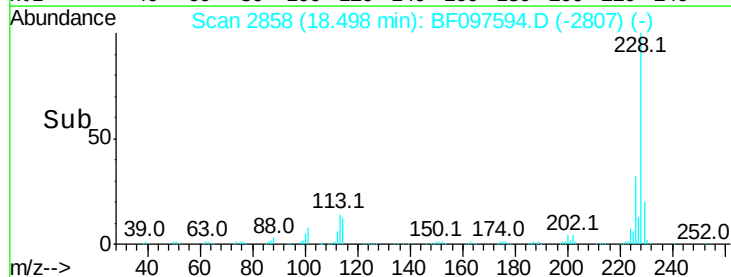
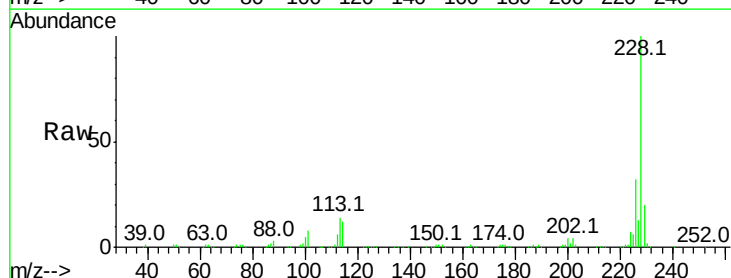
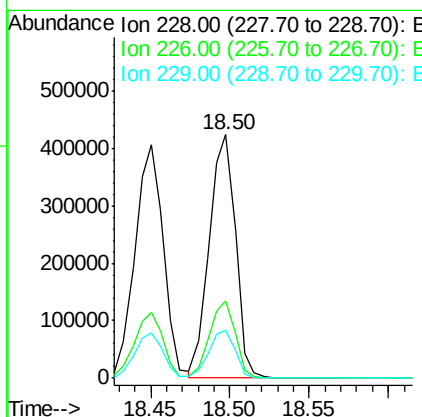
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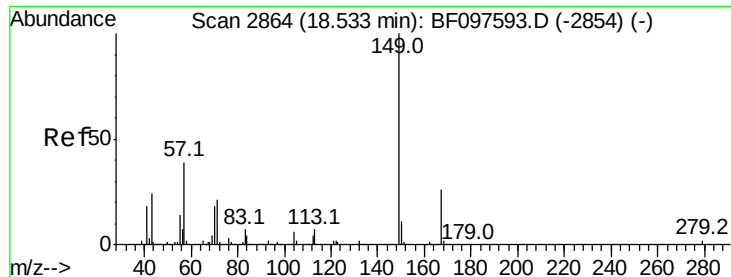
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 8/14/2017 6:38:34 PM



#82  
 Chrysene  
 Concen: 48.038 ng  
 RT: 18.50 min Scan# 2858  
 Delta R.T. -0.00 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.8  | 24.9  | 37.3  |
| 229     | 19.8  | 15.8  | 23.6  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.832 ng

RT: 18.53 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

Instrument :

BNA\_F

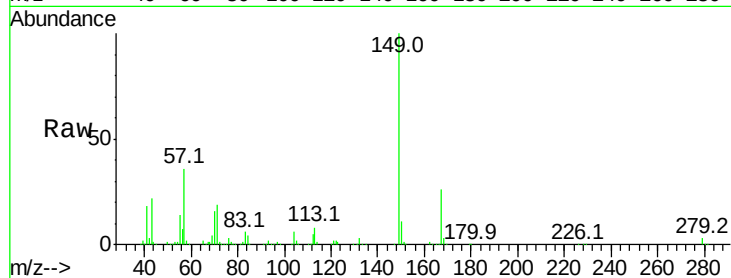
ClientSampleId :

SSTDIC050

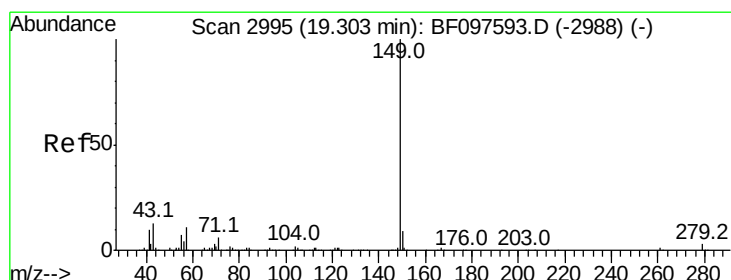
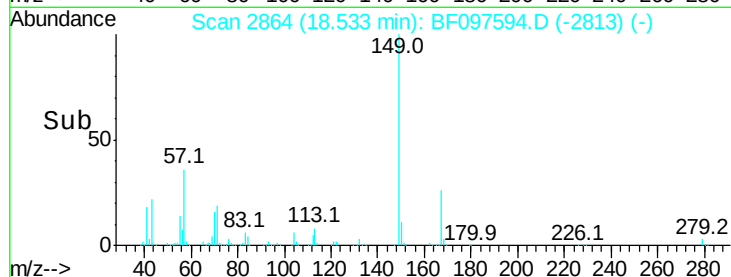
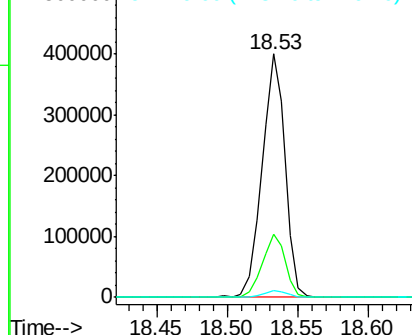
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 458578 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 26.1  | 21.0  | 31.4   |
| 279       | 2.7   | 1.9   | 2.9    |

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



#84

Di-n-octyl phthalate

Concen: 70.628 ng

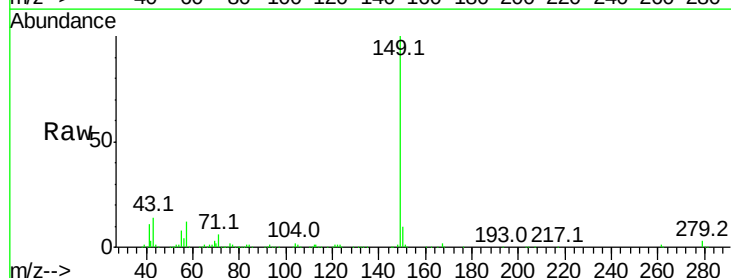
RT: 19.30 min Scan# 2995

Delta R.T. -0.00 min

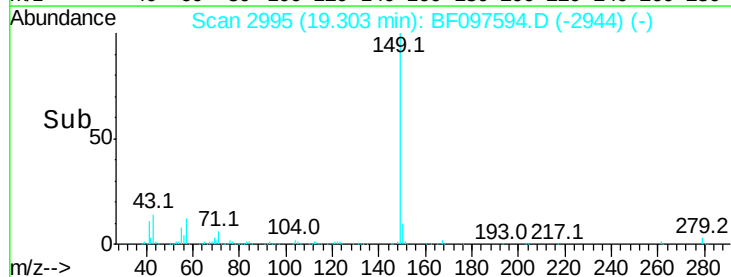
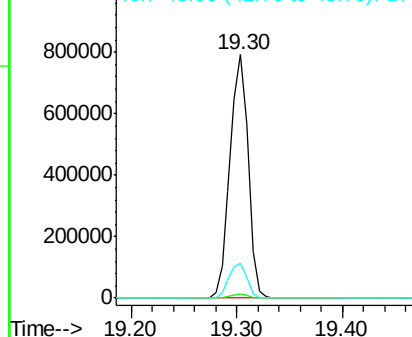
Lab File: BF097594.D

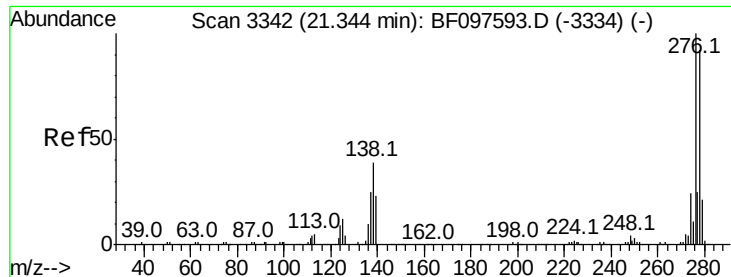
Acq: 11 Aug 2017 14:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 939081 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.5   | 1.2   | 1.8    |
| 43        | 14.5  | 8.5   | 12.7#  |



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





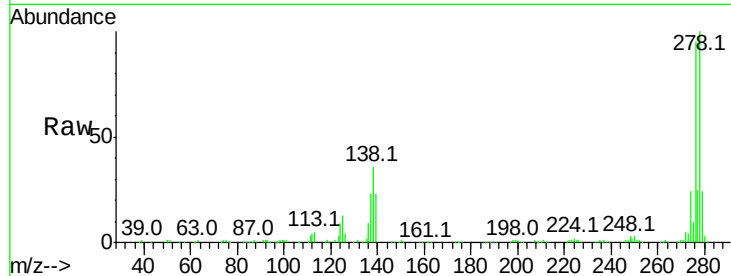
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 49.163 ng  
 RT: 21.35 min Scan# 3343  
 Delta R.T. 0.01 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDICC050

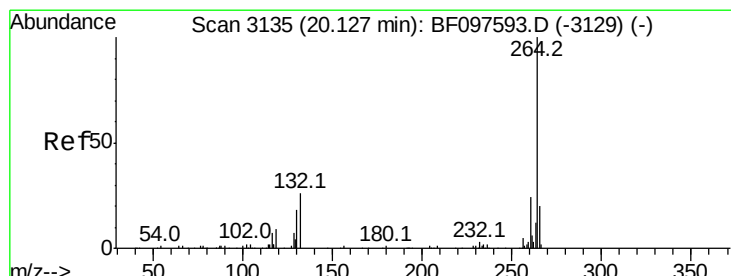
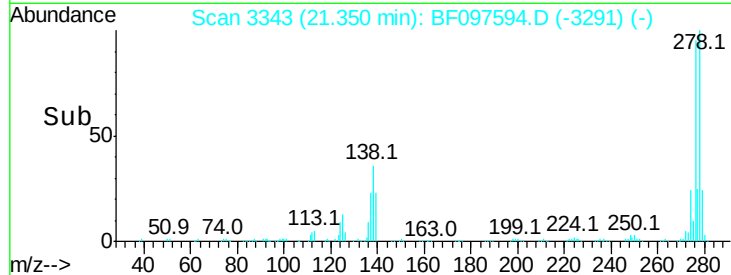
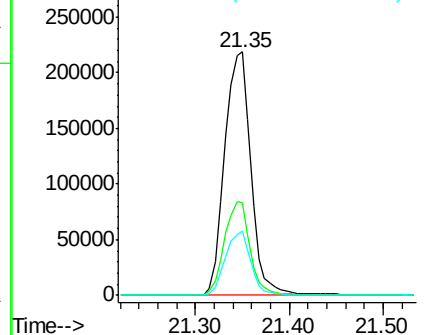
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 429022 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 37.4  | 27.8  | 41.6   |
| 277       | 25.5  | 20.2  | 30.4   |

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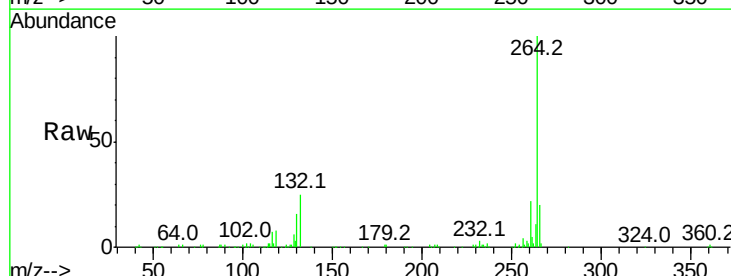


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

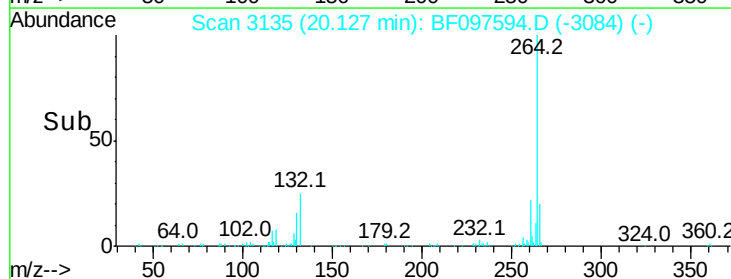
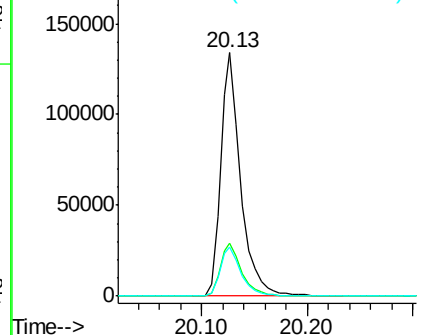


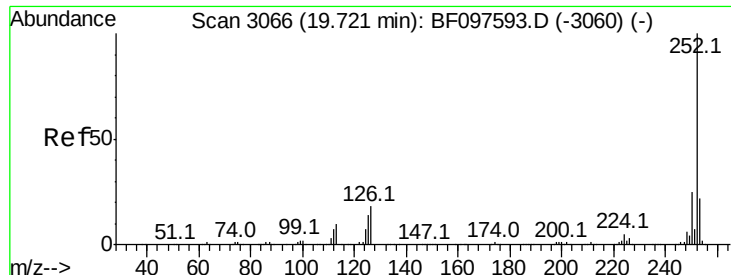
#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 20.13 min Scan# 3135  
 Delta R.T. -0.00 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 177097 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 22.0  | 19.5  | 29.3   |
| 265       | 20.0  | 17.2  | 25.8   |



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.819 ng

RT: 19.72 min Scan# 3066

Delta R.T. -0.00 min

Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

Instrument :

BNA\_F

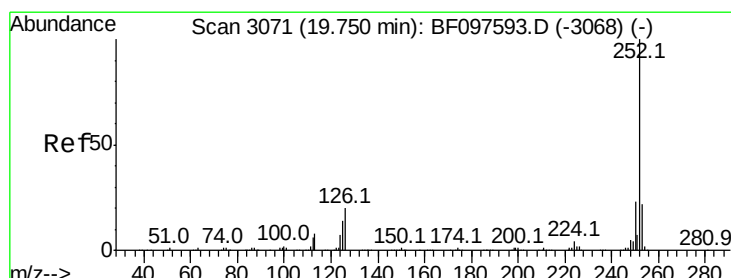
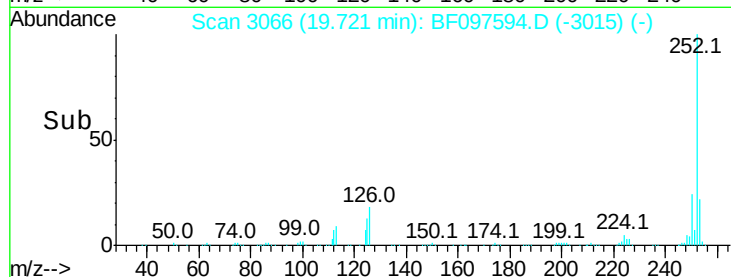
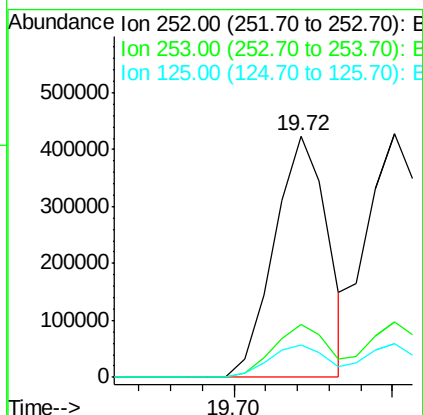
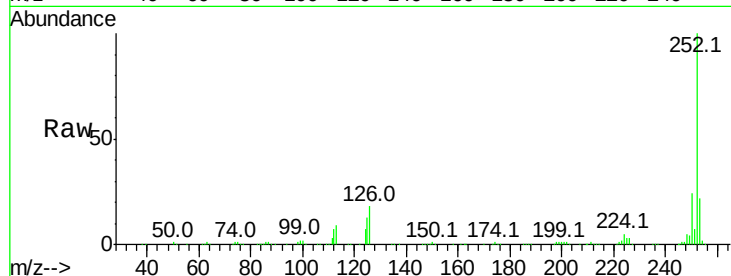
ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 497007 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.8  | 18.1  | 27.1   |
| 125       | 13.2  | 9.8   | 14.8   |

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#88

Benzo(k)fluoranthene

Concen: 50.342 ng

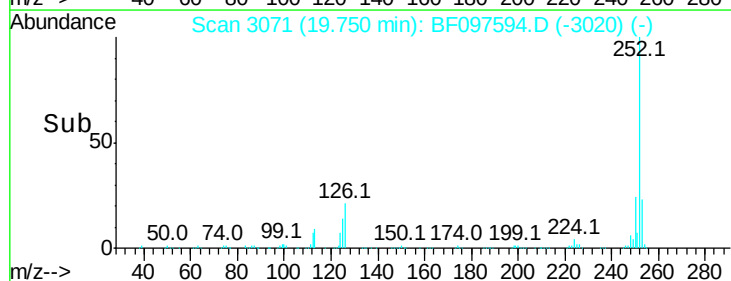
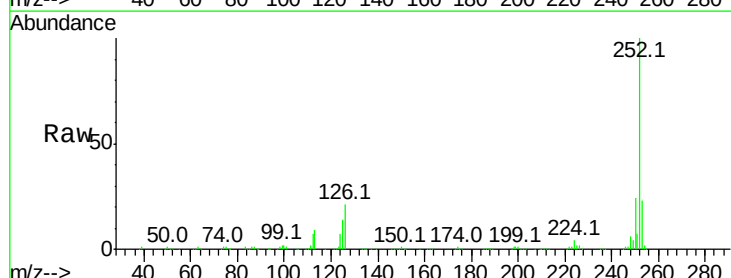
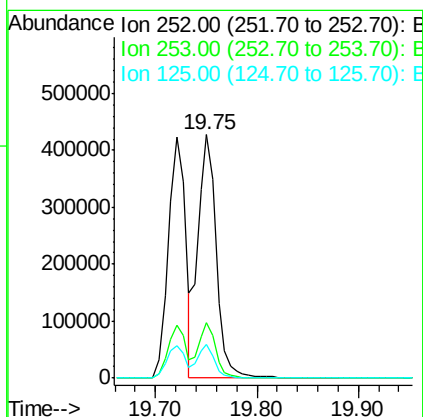
RT: 19.75 min Scan# 3071

Delta R.T. -0.00 min

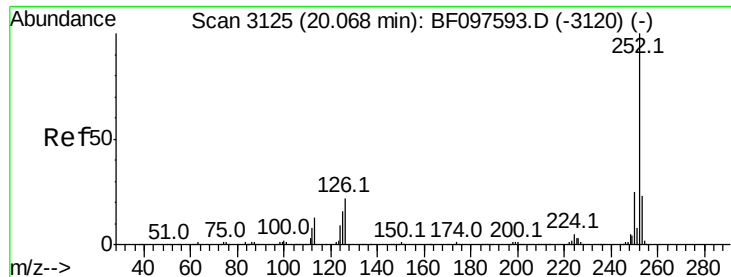
Lab File: BF097594.D

Acq: 11 Aug 2017 14:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 533600 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.6  | 18.4  | 27.6   |
| 125       | 13.8  | 13.1  | 19.7   |







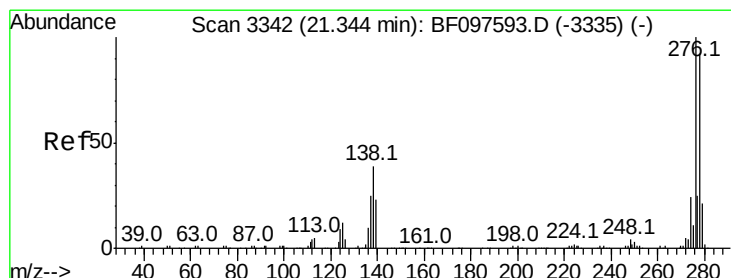
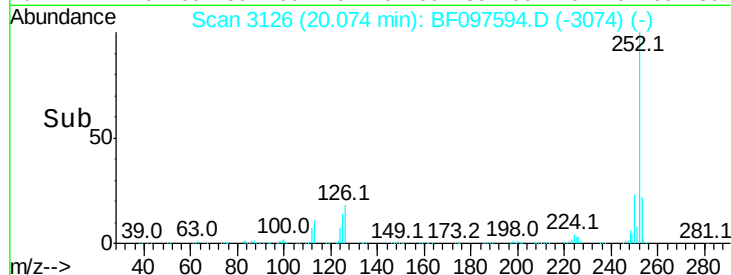
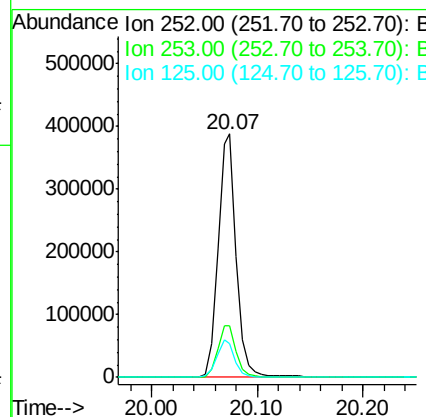
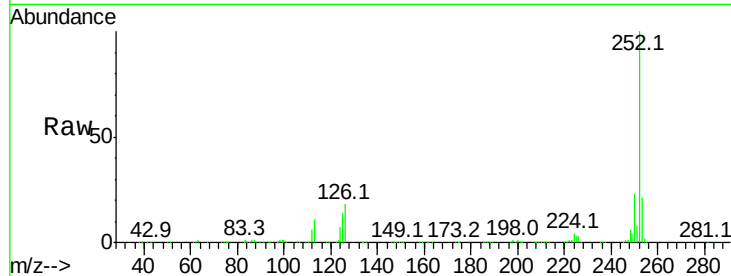
#89  
Benzo(a)pyrene  
Concen: 46.157 ng  
RT: 20.07 min Scan# 3126  
Delta R.T. 0.01 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.5  | 26.3  |
| 125     | 13.9  | 11.0  | 16.4  |

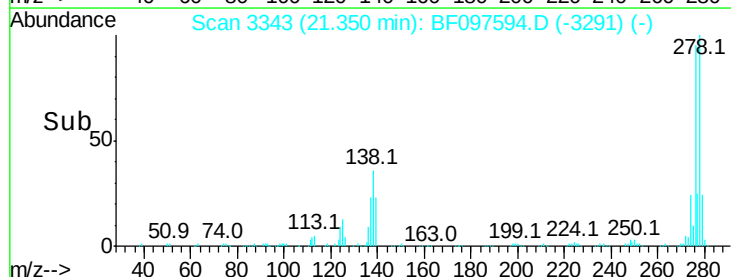
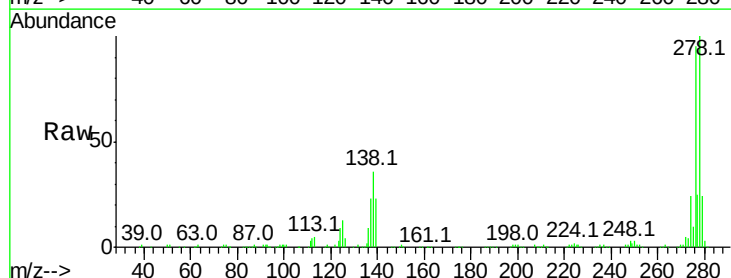
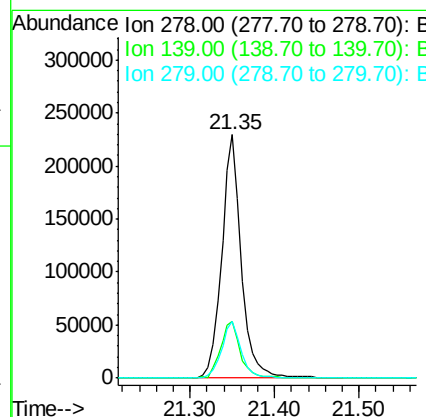
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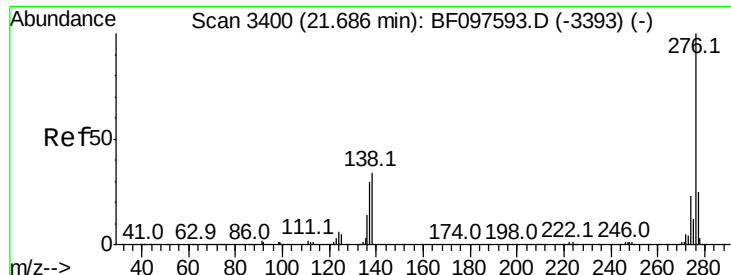
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#90  
Dibenzo(a,h)anthracene  
Concen: 43.028 ng  
RT: 21.35 min Scan# 3343  
Delta R.T. 0.01 min  
Lab File: BF097594.D  
Acq: 11 Aug 2017 14:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 23.3  | 16.6  | 24.8  |
| 279     | 23.5  | 19.3  | 28.9  |





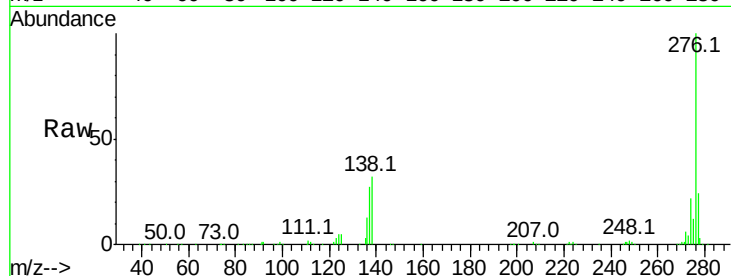
#91  
 Benzo(a,h,i)perylene  
 Concen: 46.544 ng  
 RT: 21.69 min Scan# 3401  
 Delta R.T. 0.01 min  
 Lab File: BF097594.D  
 Acq: 11 Aug 2017 14:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.7  | 18.6  | 28.0  |
| 138     | 31.9  | 25.4  | 38.0  |

Manual Integrations  
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

