

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\  
 Data File : BF090707.D  
 Acq On : 21 Oct 2016 12:20  
 Operator : UM/SJ  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
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sohil  
 10/24/2016 3:51:00 PM

Quant Time: Oct 21 14:30:06 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 21 14:20:03 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.86  | 152  | 175538   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.14  | 136  | 742437   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.90  | 164  | 336383   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.38 | 188  | 481050   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 14.02 | 240  | 357673   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.46 | 264  | 267325   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.46  | 112 | 974791  | 79.38 | ng | 0.00  |
| 7) Phenol-d6             | 6.50  | 99  | 1245367 | 86.59 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.42  | 82  | 1115333 | 92.97 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 10.69 | 330 | 229481  | 89.73 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.22  | 172 | 1673726 | 58.78 | ng | -0.01 |
| 78) Terphenyl-d14        | 12.97 | 244 | 1278167 | 71.26 | ng | 0.00  |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.45 | 88  | 246028  | 51.76 | ng | 87     |
| 3) Pyridine                    | 3.18 | 79  | 632846  | 51.61 | ng | # 80   |
| 4) n-Nitrosodimethylamine      | 3.13 | 42  | 206282  | 37.95 | ng | 92     |
| 6) Aniline                     | 6.52 | 93  | 716926  | 40.66 | ng | # 79   |
| 8) 2-Chlorophenol              | 6.65 | 128 | 537742  | 41.06 | ng | 96     |
| 9) Benzaldehyde                | 6.41 | 77  | 312202  | 67.10 | ng | # 77   |
| 10) Phenol                     | 6.51 | 94  | 715508  | 47.48 | ng | # 57   |
| 11) bis(2-Chloroethyl)ether    | 6.59 | 93  | 566262  | 48.00 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 6.79 | 146 | 515389  | 36.45 | ng | # 87   |
| 13) 1,4-Dichlorobenzene        | 6.87 | 146 | 576305  | 39.63 | ng | # 90   |
| 14) 1,2-Dichlorobenzene        | 7.03 | 146 | 518694  | 38.36 | ng | 98     |
| 15) Benzyl Alcohol             | 7.00 | 79  | 440188  | 57.22 | ng | # 73   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.14 | 45  | 835763  | 37.00 | ng | 77     |
| 17) 2-Methylphenol             | 7.11 | 107 | 395011  | 43.04 | ng | # 83   |
| 18) Hexachloroethane           | 7.37 | 117 | 219646  | 48.07 | ng | 89     |
| 19) n-Nitroso-di-n-propylamine | 7.27 | 70  | 409970  | 56.60 | ng | # 70   |
| 20) 3+4-Methylphenols          | 7.27 | 107 | 506878  | 41.62 | ng | # 66   |
| 22) Acetophenone               | 7.27 | 105 | 673584  | 36.94 | ng | # 80   |
| 24) Nitrobenzene               | 7.45 | 77  | 611785  | 53.25 | ng | # 73   |
| 25) Isophorone                 | 7.69 | 82  | 993324  | 43.75 | ng | # 90   |
| 26) 2-Nitrophenol              | 7.75 | 139 | 244439  | 32.99 | ng | # 28   |
| 27) 2,4-Dimethylphenol         | 7.80 | 122 | 425132  | 32.25 | ng | # 80   |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93  | 542135  | 35.58 | ng | # 92   |
| 29) 2,4-Dichlorophenol         | 8.01 | 162 | 369411  | 35.59 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 8.09 | 180 | 422140  | 37.78 | ng | 96     |
| 31) Naphthalene                | 8.17 | 128 | 1441252 | 33.60 | ng | 97     |
| 32) Benzoic acid               | 7.93 | 122 | 266952  | 30.89 | ng | # 57   |
| 33) 4-Chloroaniline            | 8.22 | 127 | 543971  | 33.03 | ng | # 93   |
| 34) Hexachlorobutadiene        | 8.29 | 225 | 229602  | 48.66 | ng | 99     |
| 35) Caprolactam                | 8.59 | 113 | 100797  | 27.00 | ng | 93     |
| 36) 4-Chloro-3-methylphenol    | 8.70 | 107 | 390969  | 42.09 | ng | 88     |
| 37) 2-Methylnaphthalene        | 8.85 | 142 | 835102  | 32.45 | ng | # 89   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 382927  | 40.54 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 9.01 | 237 | 179707  | 32.64 | ng | 96     |

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 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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Quant Time: Oct 21 14:30:06 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 21 14:20:03 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.14  | 196  | 245307   | 39.40 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.17  | 196  | 229108   | 35.32 | nq    | # 78     |
| 45) 1,1'-Biphenyl              | 9.32  | 154  | 1095619  | 33.63 | nq    | 91       |
| 46) 2-Chloronaphthalene        | 9.34  | 162  | 787430   | 35.67 | nq    | # 89     |
| 47) 2-Nitroaniline             | 9.45  | 65   | 281716   | 48.50 | nq    | # 81     |
| 48) Acenaphthylene             | 9.75  | 152  | 1195316  | 30.63 | nq    | 96       |
| 49) Dimethylphthalate          | 9.62  | 163  | 816775   | 36.14 | nq    | # 96     |
| 50) 2,6-Dinitrotoluene         | 9.69  | 165  | 199913   | 37.81 | nq    | # 74     |
| 51) Acenaphthene               | 9.94  | 154  | 818987   | 33.95 | nq    | 88       |
| 52) 3-Nitroaniline             | 9.86  | 138  | 221496   | 33.68 | nq    | # 69     |
| 53) 2,4-Dinitrophenol          | 9.96  | 184  | 77478    | 26.74 | nq    | # 47     |
| 54) Dibenzofuran               | 10.11 | 168  | 1005872  | 32.98 | nq    | # 91     |
| 55) 4-Nitrophenol              | 10.02 | 139  | 116846   | 22.10 | nq    | # 39     |
| 56) 2,4-Dinitrotoluene         | 10.09 | 165  | 241399   | 37.13 | nq    | # 67     |
| 57) Fluorene                   | 10.45 | 166  | 820952   | 30.69 | nq    | 92       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.22 | 232  | 198517   | 40.74 | nq    | 90       |
| 59) Diethylphthalate           | 10.33 | 149  | 874233   | 38.58 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.44 | 204  | 410815   | 38.86 | nq    | 89       |
| 61) 4-Nitroaniline             | 10.46 | 138  | 211470   | 32.00 | nq    | # 38     |
| 62) Azobenzene                 | 10.60 | 77   | 1095125  | 52.78 | nq    | 86       |
| 64) 4,6-Dinitro-2-methylphenol | 10.50 | 198  | 116453   | 40.30 | nq    | # 82     |
| 65) n-Nitrosodiphenylamine     | 10.55 | 169  | 640157   | 36.09 | nq    | 90       |
| 66) 4-Bromophenyl-phenylether  | 10.93 | 248  | 197285   | 44.33 | nq    | 96       |
| 67) Hexachlorobenzene          | 10.99 | 284  | 217009   | 45.27 | nq    | # 58     |
| 68) Atrazine                   | 11.08 | 200  | 166531   | 40.82 | nq    | # 82     |
| 69) Pentachlorophenol          | 11.18 | 266  | 109478   | 36.00 | nq    | 99       |
| 70) Phenanthrene               | 11.40 | 178  | 991035   | 33.39 | nq    | 96       |
| 71) Anthracene                 | 11.46 | 178  | 1145878  | 38.96 | nq    | 96       |
| 72) Carbazole                  | 11.62 | 167  | 962978   | 35.47 | nq    | 95       |
| 73) Di-n-butylphthalate        | 11.95 | 149  | 1321747  | 40.78 | nq    | # 98     |
| 74) Fluoranthene               | 12.59 | 202  | 951800   | 37.62 | nq    | 98       |
| 76) Benzidine                  | 12.72 | 184  | 348774   | 40.95 | nq    | 96       |
| 77) Pyrene                     | 12.82 | 202  | 943214   | 33.22 | nq    | 95       |
| 79) Butylbenzylphthalate       | 13.45 | 149  | 478981   | 36.76 | nq    | 97       |
| 80) Benzo(a)anthracene         | 14.01 | 228  | 788194   | 36.61 | nq    | 96       |
| 81) 3,3'-Dichlorobenzidine     | 13.97 | 252  | 285076   | 43.25 | nq    | 98       |
| 82) Chrysene                   | 14.04 | 228  | 791113   | 37.84 | nq    | 94       |
| 83) Bis(2-ethylhexyl)phthalate | 14.01 | 149  | 708873   | 38.37 | nq    | # 95     |
| 84) Di-n-octyl phthalate       | 14.61 | 149  | 1035558  | 37.48 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.86 | 276  | 704484   | 40.28 | nq    | # 93     |
| 87) Benzo(b)fluoranthene       | 15.05 | 252  | 715454   | 42.93 | nq    | # 87     |
| 88) Benzo(k)fluoranthene       | 15.07 | 252  | 610970m  | 35.77 | nq    |          |
| 89) Benzo(a)pyrene             | 15.39 | 252  | 626882   | 40.10 | nq    | # 94     |
| 90) Dibenzo(a,h)anthracene     | 16.88 | 278  | 627485   | 46.32 | nq    | # 87     |
| 91) Benzo(g,h,i)perylene       | 17.29 | 276  | 589656   | 42.66 | nq    | # 83     |

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

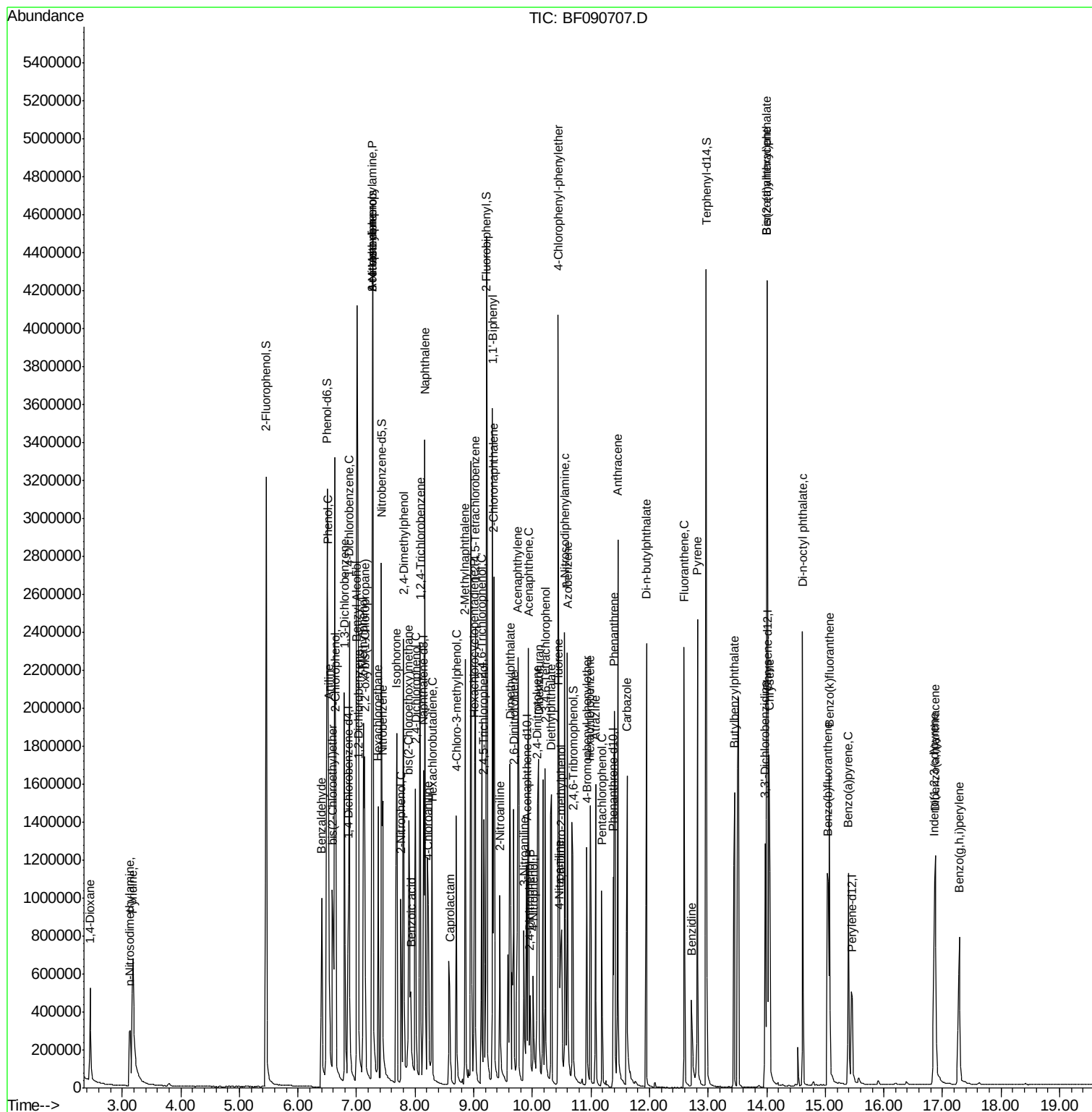
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\  
 Data File : BF090707.D  
 Acq On : 21 Oct 2016 12:20  
 Operator : UM/SJ  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

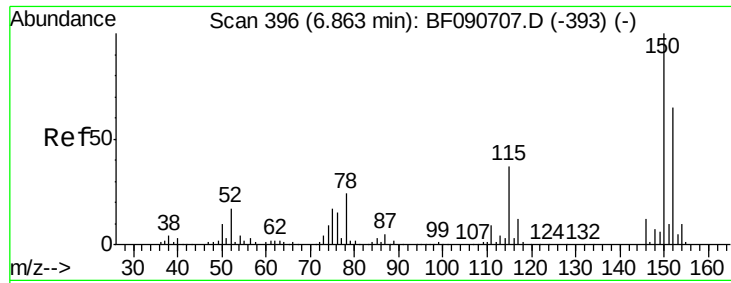
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

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Quant Time: Oct 21 14:30:06 2016  
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#1

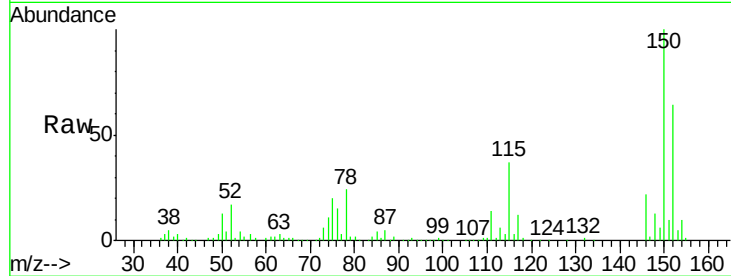
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.86 min Scan# 396  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

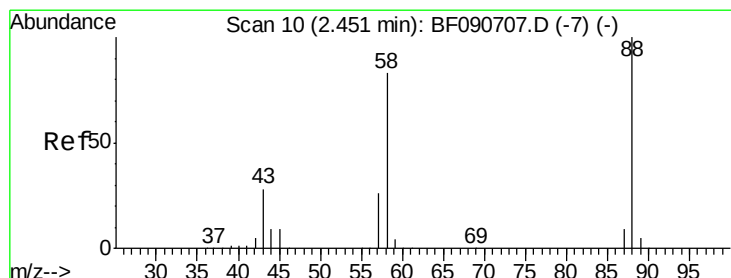
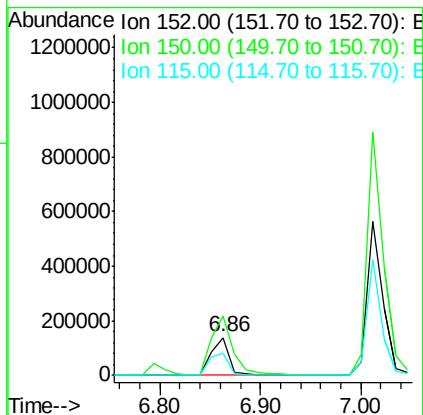
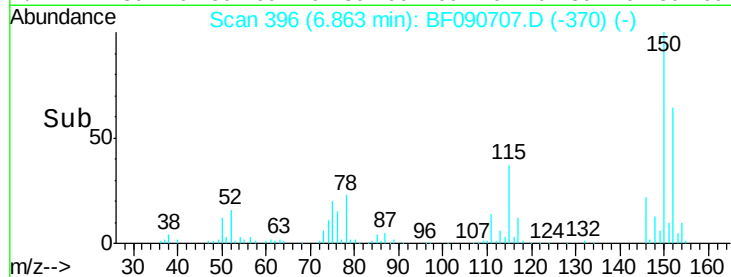
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.9 | 124.7 | 187.1 |
| 115     | 57.0  | 39.0  | 58.4  |

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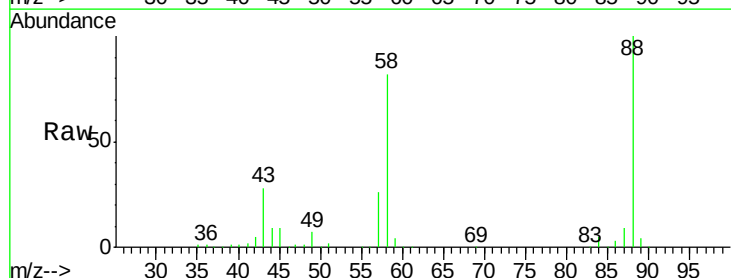
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



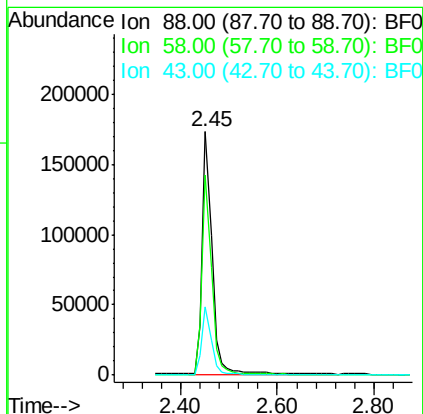
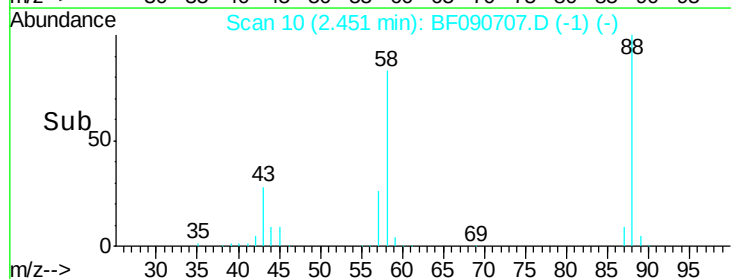
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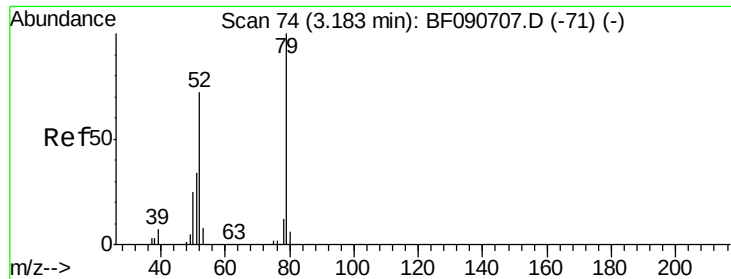
1,4-Dioxane  
Concen: 51.76 ng  
RT: 2.45 min Scan# 10  
Delta R.T. -0.03 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 82.8  | 77.7  | 116.5 |
| 43      | 29.3  | 26.6  | 40.0  |



Abundance Ion 88.00 (87.70 to 88.70): BF0  
Ion 58.00 (57.70 to 58.70): BF0  
Ion 43.00 (42.70 to 43.70): BF0





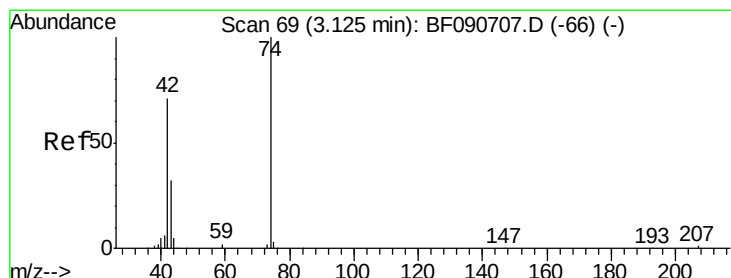
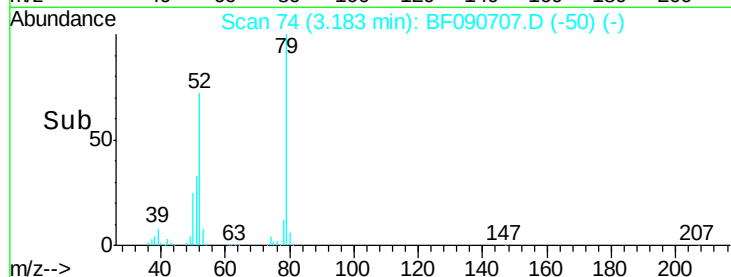
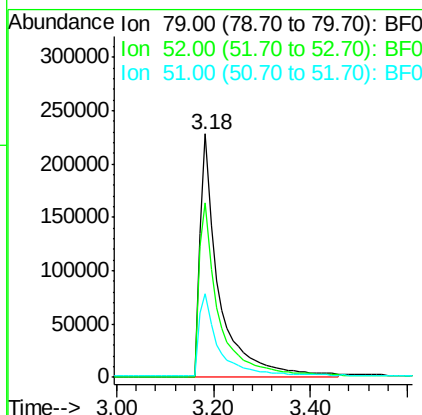
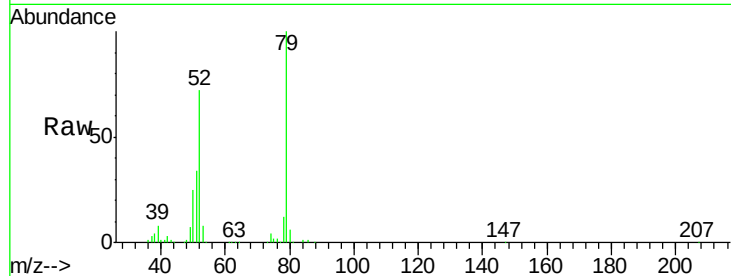
#3  
 Pvrindine  
 Concen: 51.61 ng  
 RT: 3.18 min Scan# 74  
 Delta R.T. -0.02 min  
 Lab File: BF090707.D  
 Acq: 21 Oct 2016 12:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 79      | 100   |       |        |
| 52      | 71.8  | 76.8  | 115.2# |
| 51      | 34.1  | 32.2  | 48.4   |

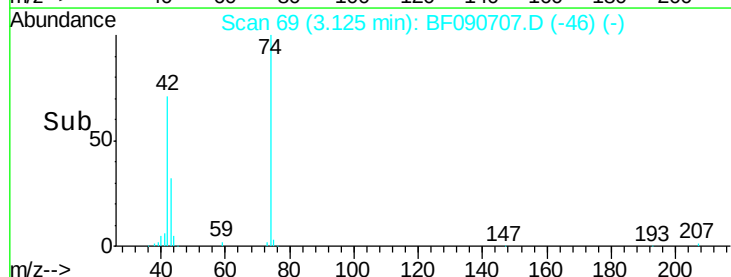
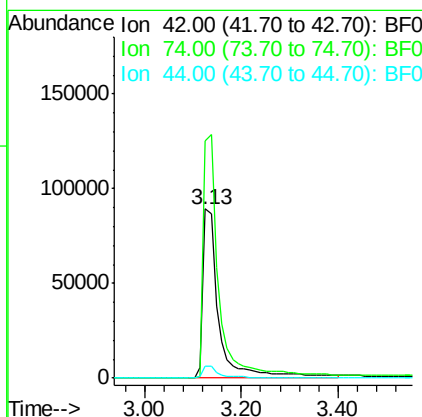
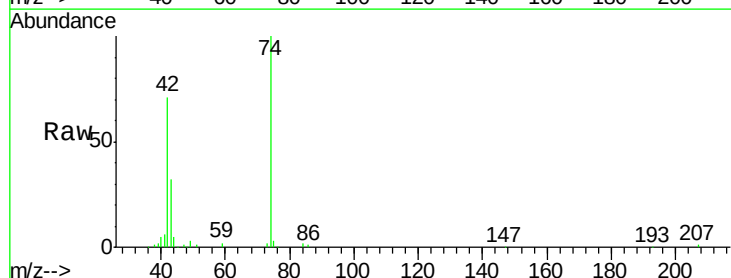
Manual Integrations  
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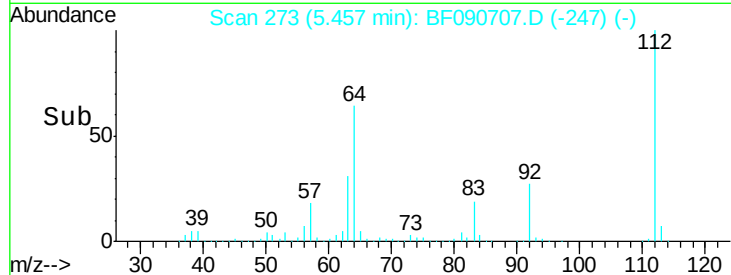
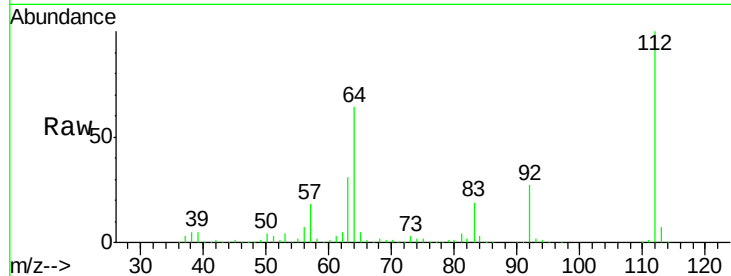
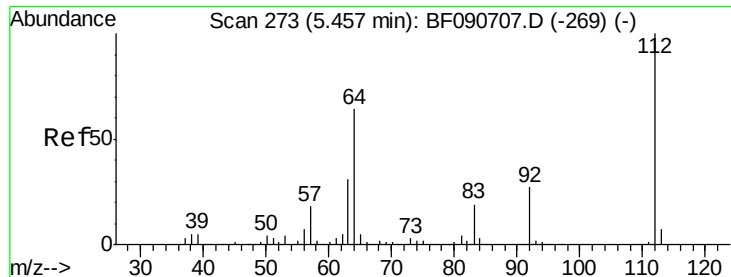
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#4  
 n-Nitrosodimethylamine  
 Concen: 37.95 ng  
 RT: 3.13 min Scan# 69  
 Delta R.T. -0.03 min  
 Lab File: BF090707.D  
 Acq: 21 Oct 2016 12:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 140.5 | 105.0 | 157.6 |
| 44      | 6.8   | 6.6   | 10.0  |





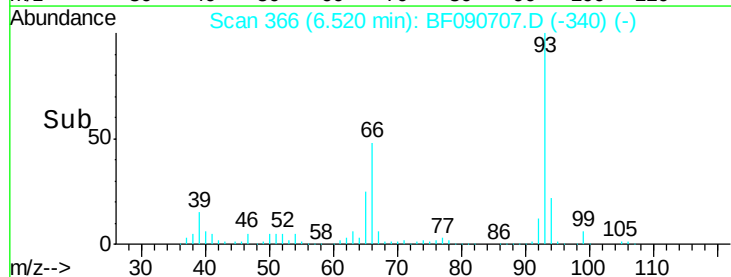
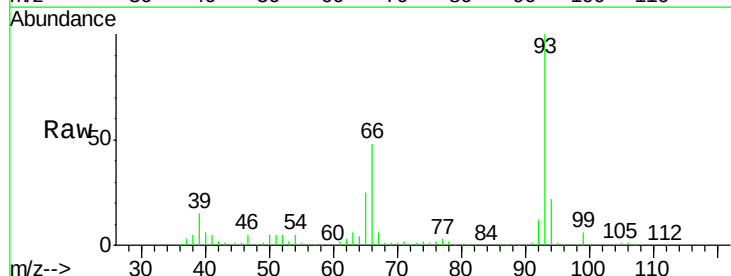
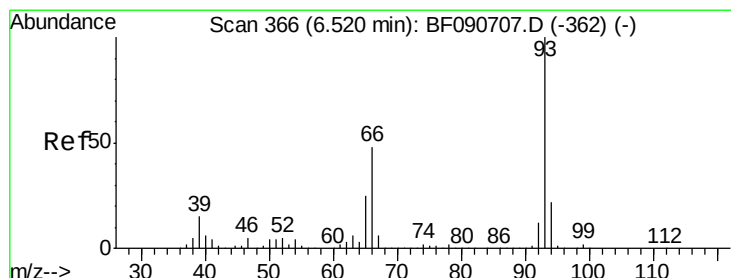
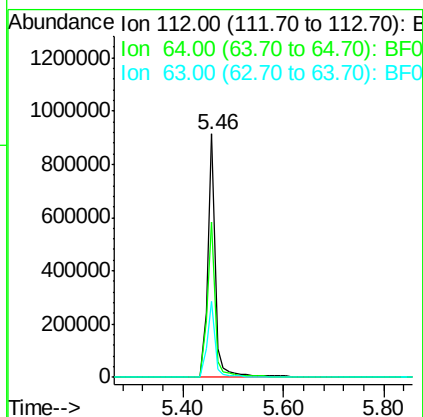
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2-Fluorophenol  
Concen: 79.38 ng  
RT: 5.46 min Scan# 273  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 974791 |       |       |
| 64      | 63.8  | 39.7   | 59.5# |       |
| 63      | 31.4  | 17.4   | 26.0# |       |

Instrument :  
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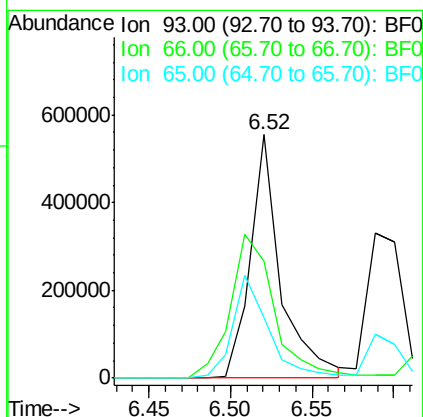
Manual Integrations  
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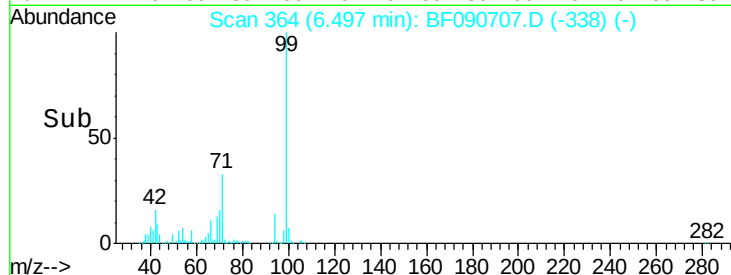
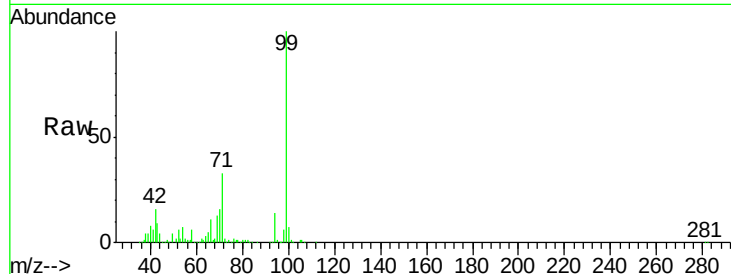
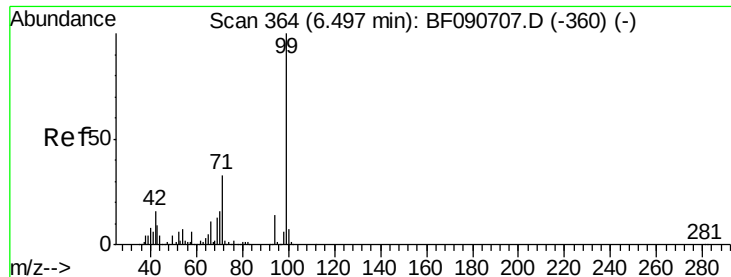
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10/24/2016 3:51:00 PM



#6  
Aniline  
Concen: 40.66 ng  
RT: 6.52 min Scan# 366  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 716926 |       |       |
| 66      | 48.0  | 27.2   | 40.8# |       |
| 65      | 25.1  | 14.7   | 22.1# |       |





#7

Phenol-d6

Concen: 86.59 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

Tot Ion: 99 Resp: 1245367

Ion Ratio Lower Upper

99 100

42 16.4 13.7 20.5

71 33.1 14.2 21.2#

Instrument :

BNA\_F

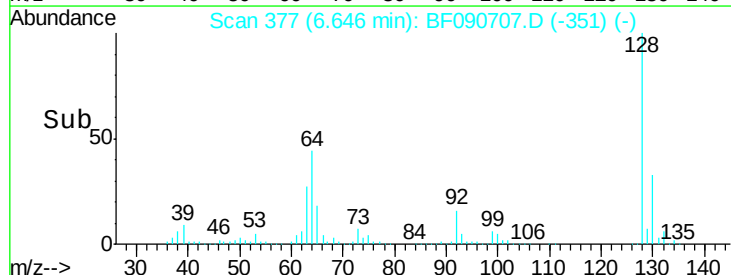
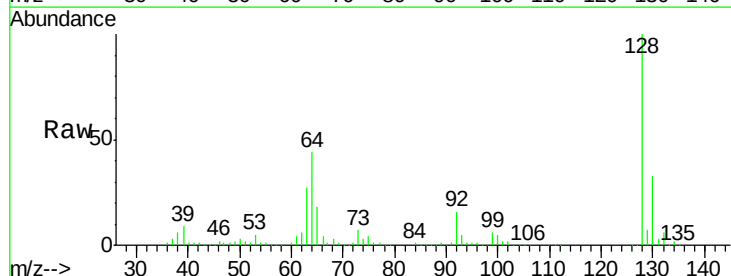
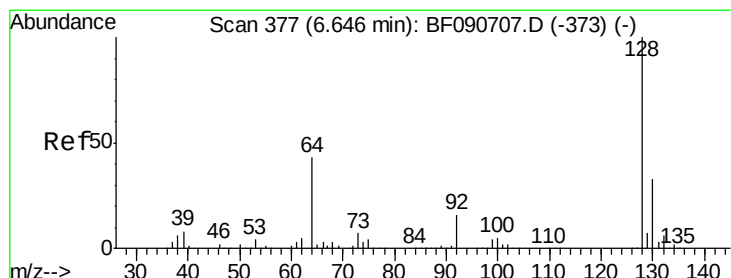
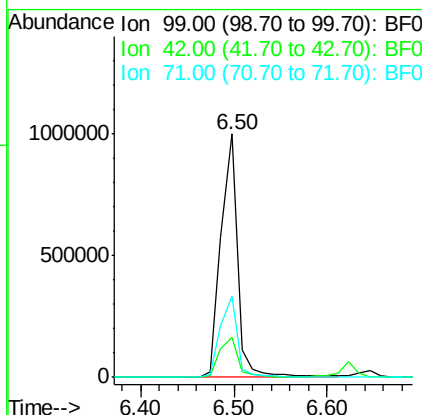
ClientSampleId :

SSTDICCC040

Manual Integrations

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#8

2-Chlorophenol

Concen: 41.06 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

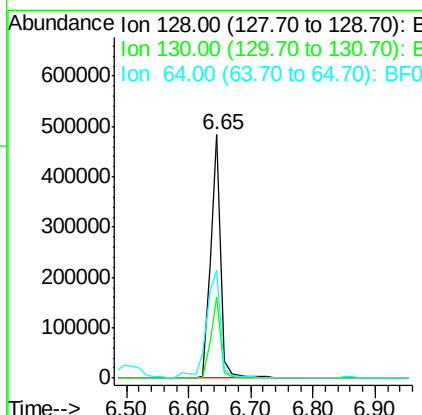
Tgt Ion: 128 Resp: 537742

Ion Ratio Lower Upper

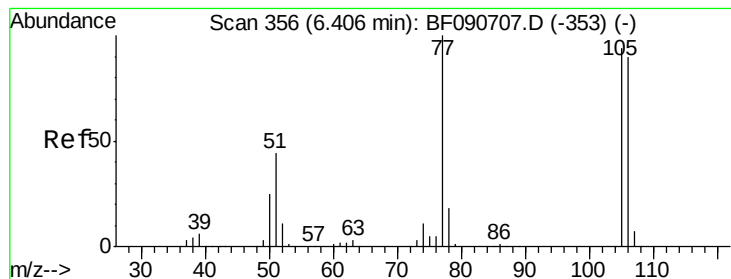
128 100

130 33.2 12.2 52.2

64 44.3 20.5 60.5







#9

Benzaldehyde

Concen: 67.10 ng

RT: 6.41 min Scan# 356

Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion: 77 Resp: 312202

Ion Ratio Lower Upper

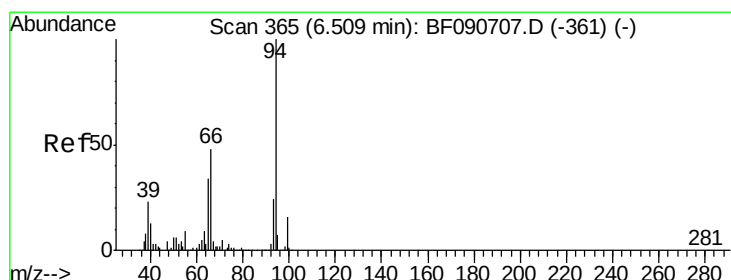
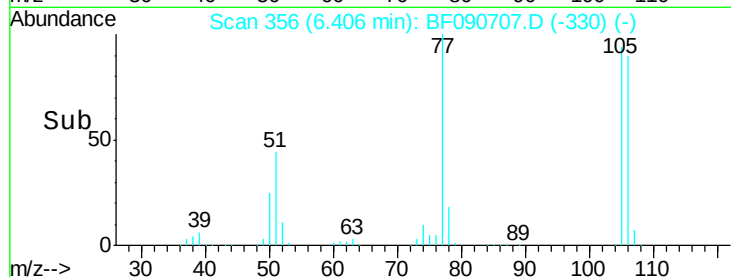
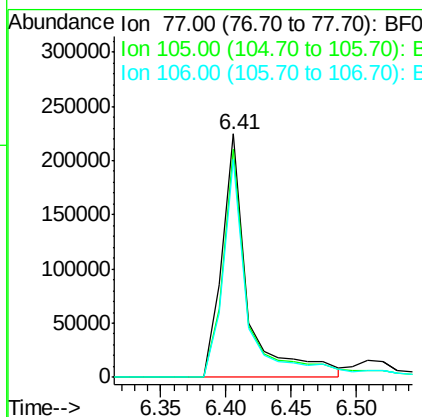
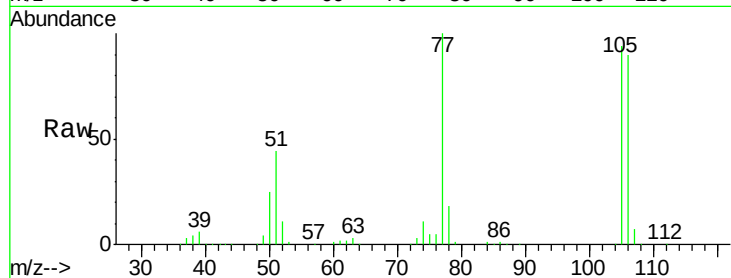
77 100

105 93.7 91.6 131.6

106 89.5 102.6 142.6#

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#10

Phenol

Concen: 47.48 ng

RT: 6.51 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

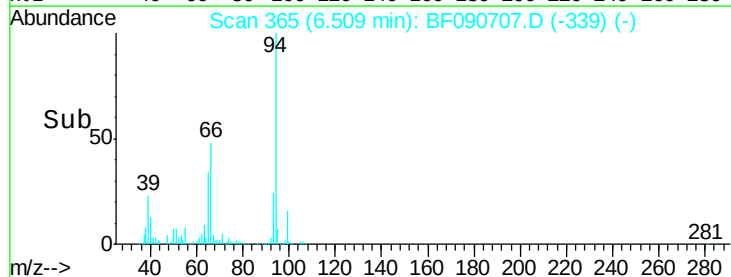
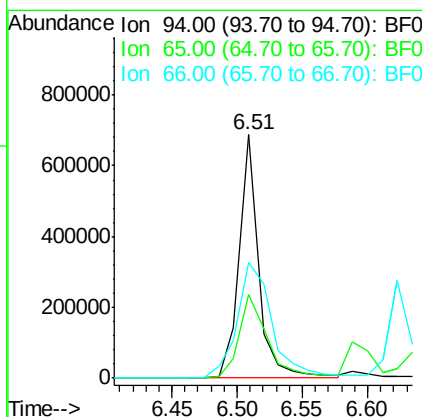
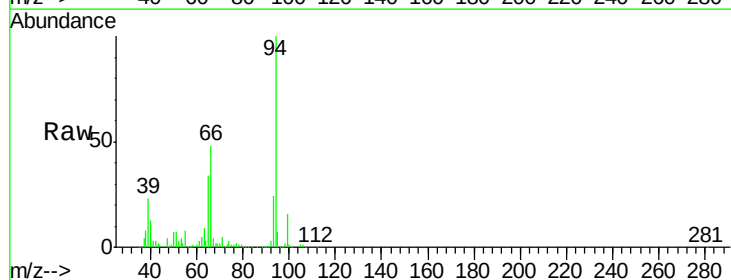
Tgt Ion: 94 Resp: 715508

Ion Ratio Lower Upper

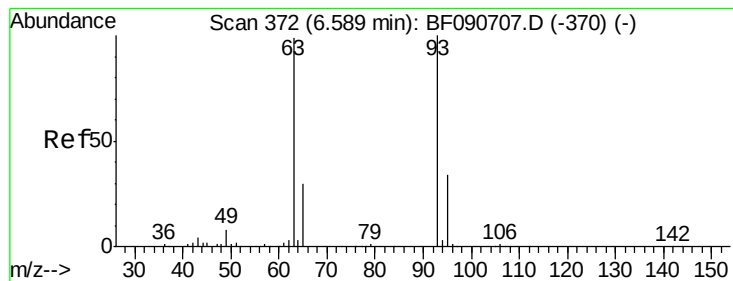
94 100

65 34.2 0.7 40.7

66 47.5 0.8 40.8#







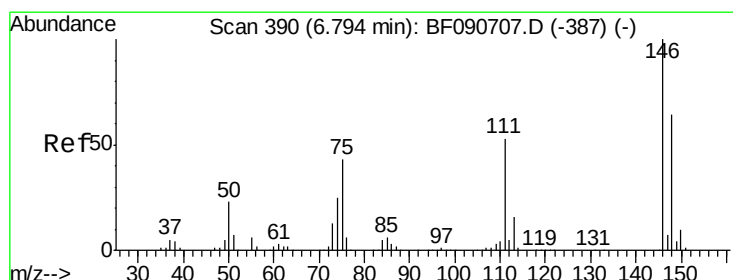
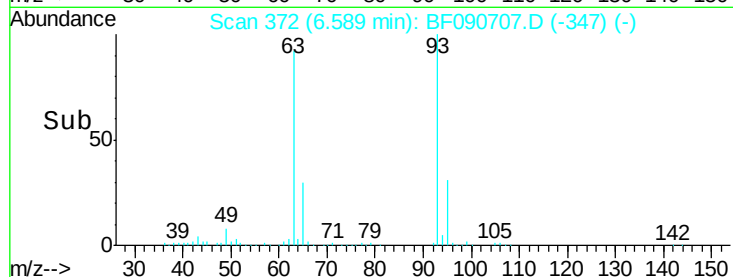
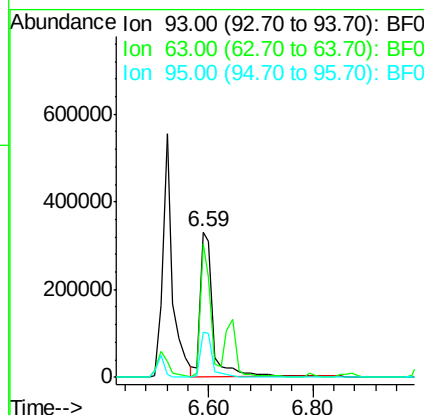
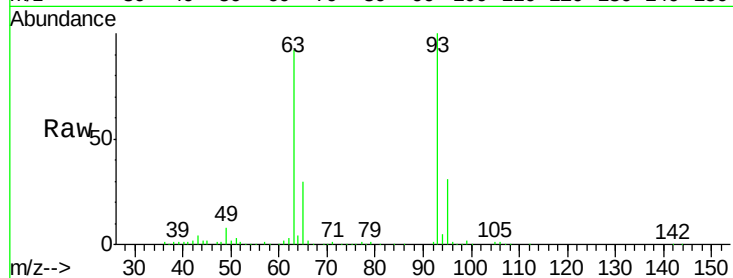
#11  
bis(2-Chloroethyl)ether  
Concen: 48.00 ng  
RT: 6.59 min Scan# 372  
Delta R.T. -0.01 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 92.0  | 65.6  | 105.6 |
| 95      | 31.3  | 13.6  | 53.6  |

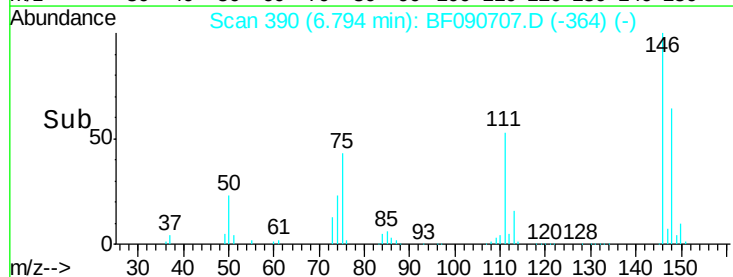
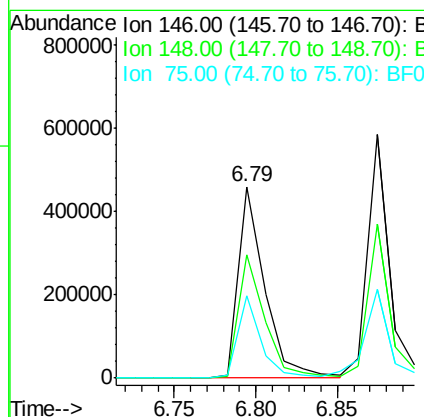
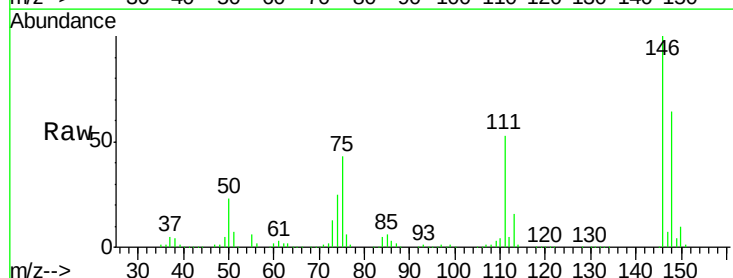
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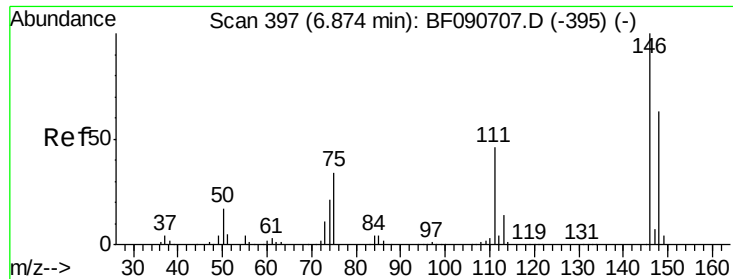
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#12  
1,3-Dichlorobenzene  
Concen: 36.45 ng  
RT: 6.79 min Scan# 390  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.1  | 51.0  | 76.4  |
| 75      | 43.1  | 15.0  | 22.6  |





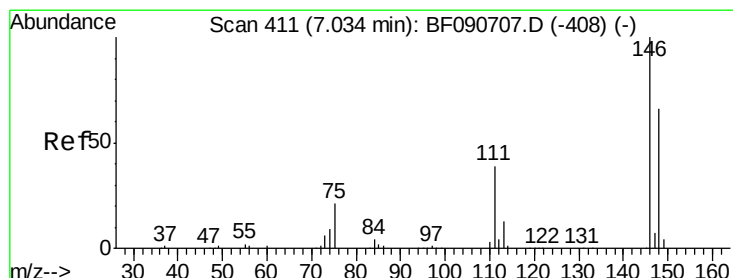
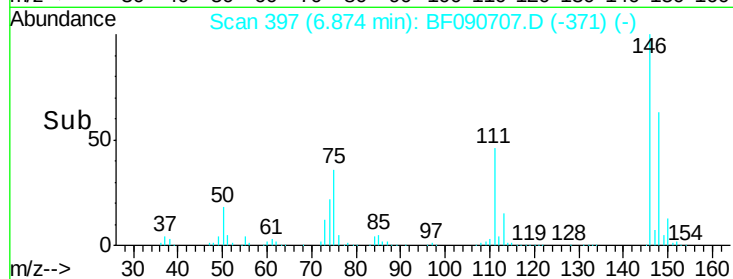
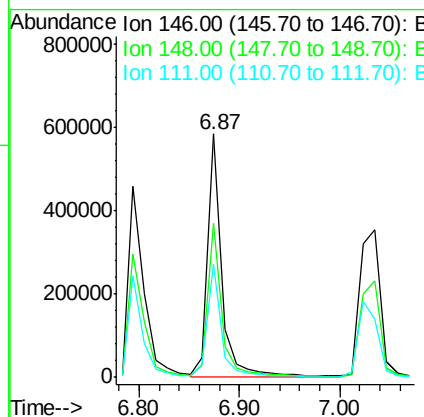
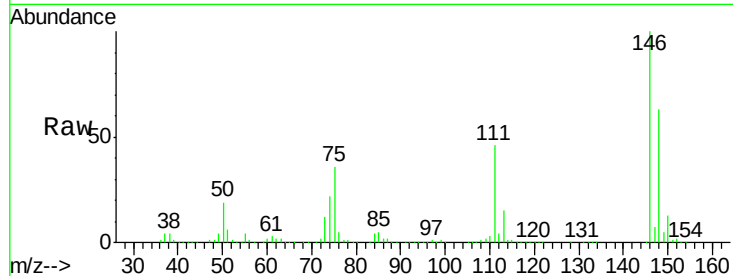
#13  
1,4-Dichlorobenzene  
Concen: 39.63 ng  
RT: 6.87 min Scan# 397  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.4  | 51.8  | 77.6  |
| 111     | 46.2  | 24.9  | 37.3  |

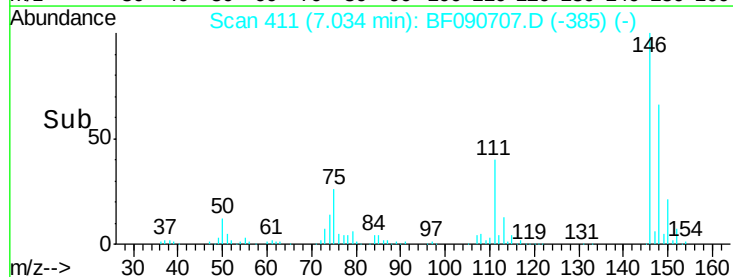
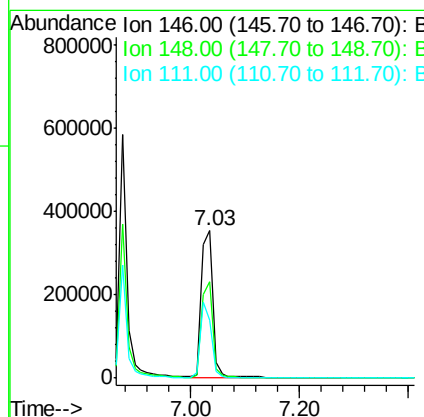
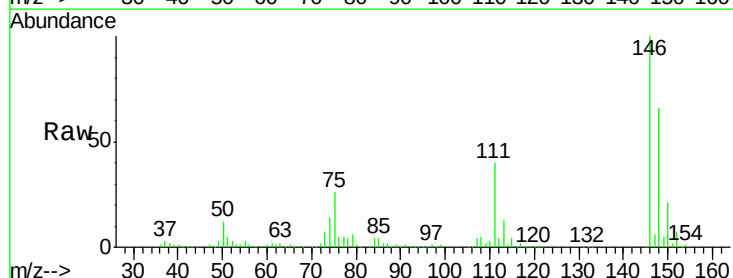
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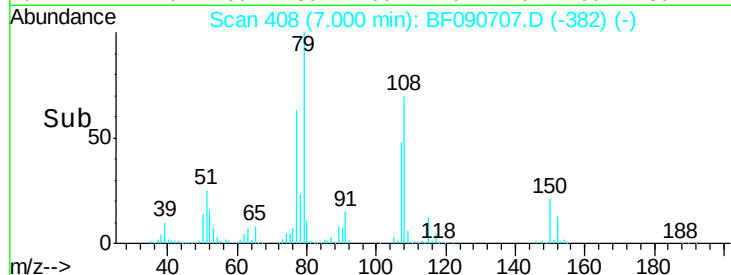
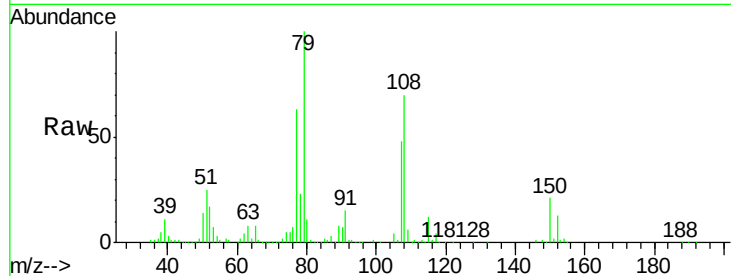
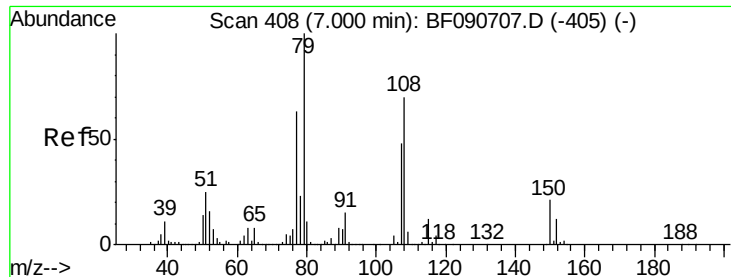
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#14  
1,2-Dichlorobenzene  
Concen: 38.36 ng  
RT: 7.03 min Scan# 411  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.7  | 52.7  | 79.1  |
| 111     | 39.7  | 28.8  | 43.2  |





#15

Benzyl Alcohol

Concen: 57.22 ng

RT: 7.00 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 440188 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 69.6  | 88.6  | 132.8# |
| 77        | 63.1  | 47.0  | 70.4   |

Instrument :

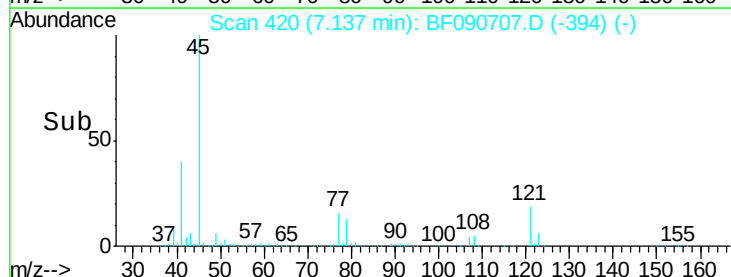
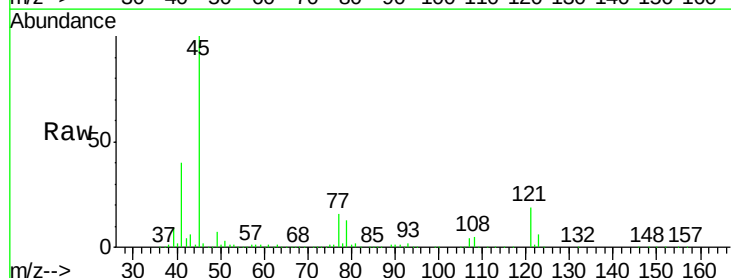
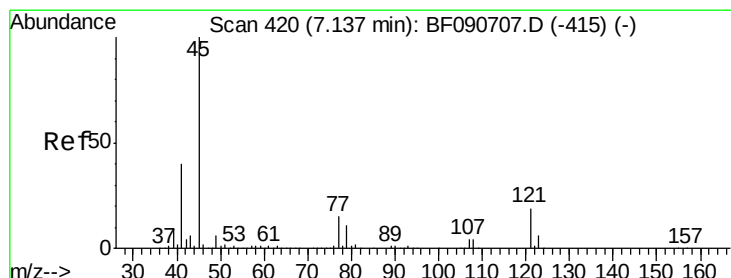
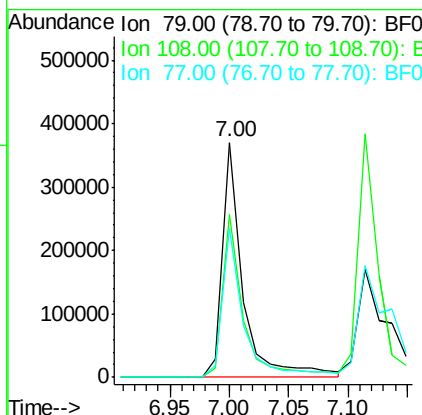
BNA\_F

ClientSampleId :

SSTDICCC040

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.00 ng

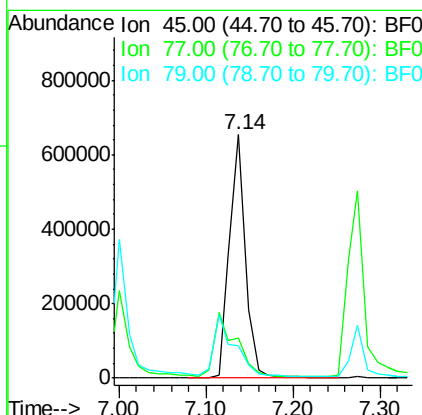
RT: 7.14 min Scan# 420

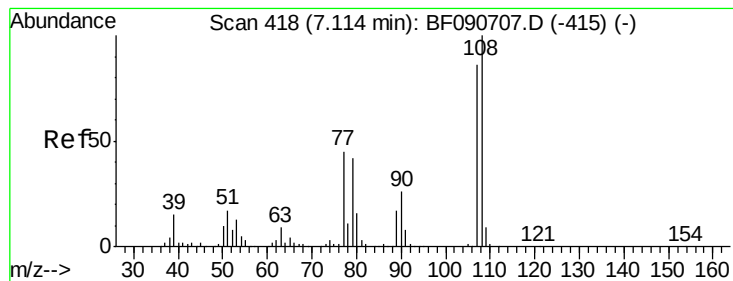
Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 835763 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 16.4  | 0.0   | 28.1   |
| 79        | 13.1  | 0.0   | 26.0   |





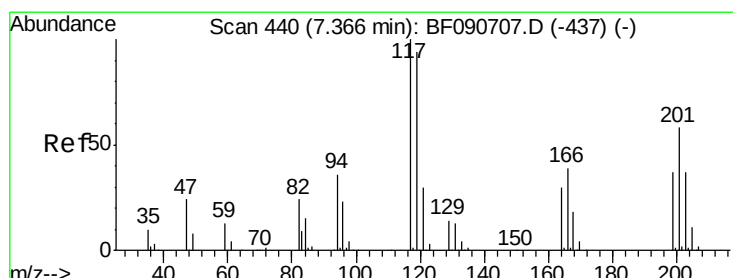
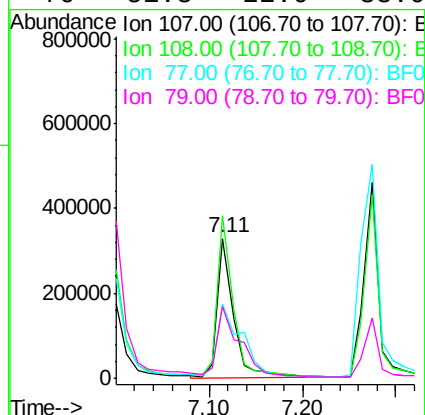
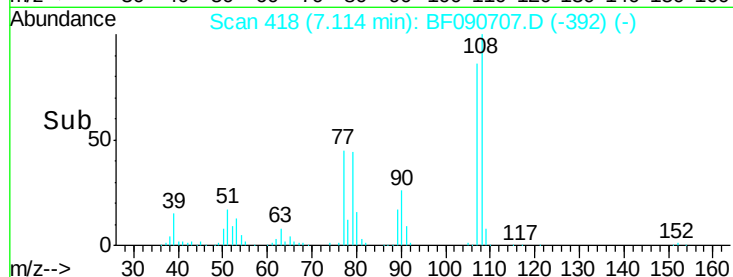
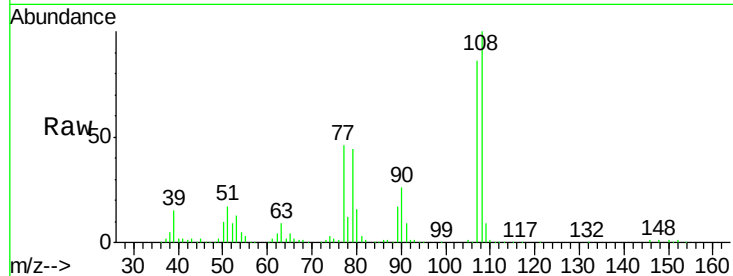
#17  
2-Methylphenol  
Concen: 43.04 ng  
RT: 7.11 min Scan# 418  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 116.4 | 96.6 | 145.0 |       |
| 77      | 53.2  | 23.3 | 34.9  |       |
| 79      | 51.3  | 22.0 | 33.0  |       |

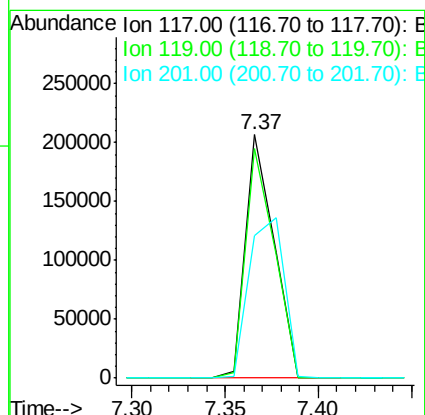
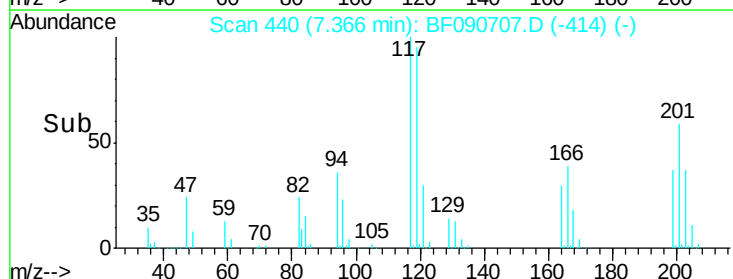
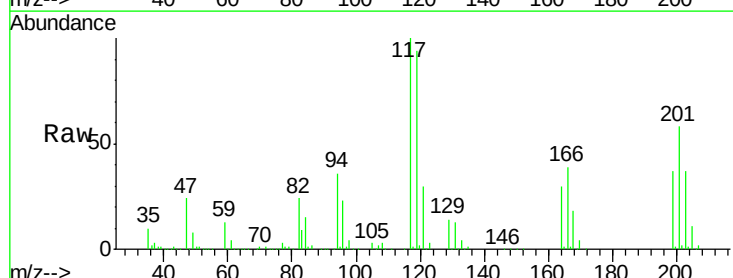
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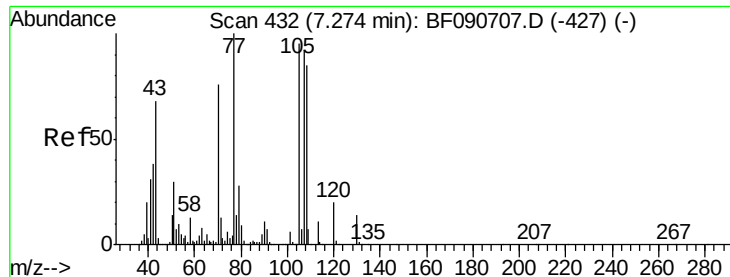
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#18  
Hexachloroethane  
Concen: 48.07 ng  
RT: 7.37 min Scan# 440  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 94.4  | 83.8 | 125.6 |       |
| 201     | 58.4  | 55.1 | 82.7  |       |





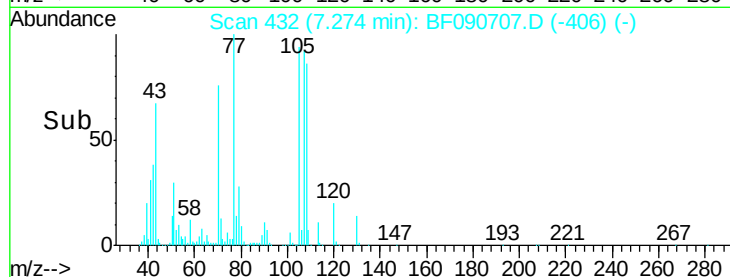
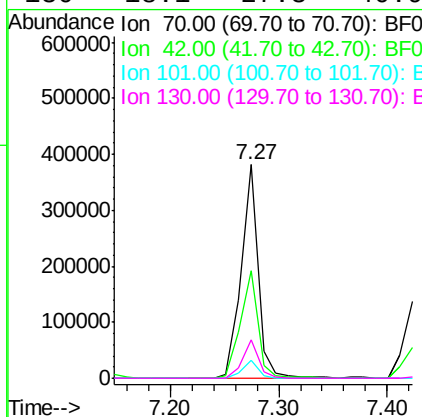
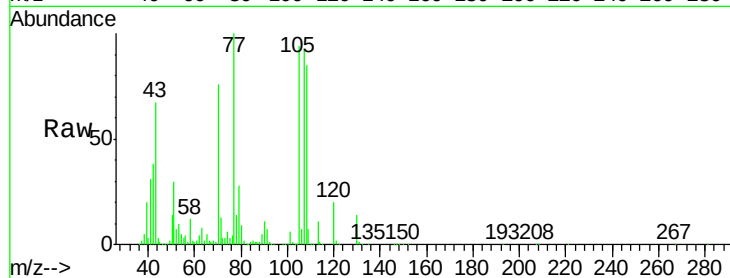
#19  
n-Nitroso-di-n-propylamine  
Concen: 56.60 ng  
RT: 7.27 min Scan# 432  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 50.2  | 63.8  | 95.6# |
| 101     | 8.4   | 9.2   | 13.8# |
| 130     | 18.1  | 27.3  | 40.9# |

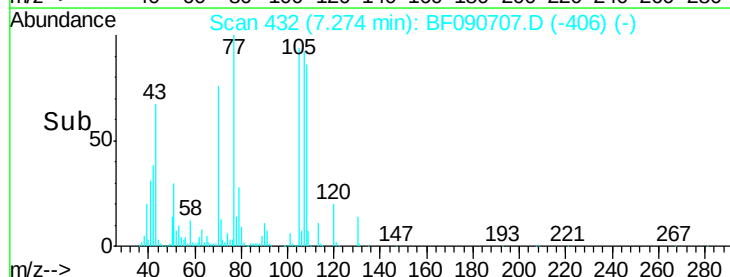
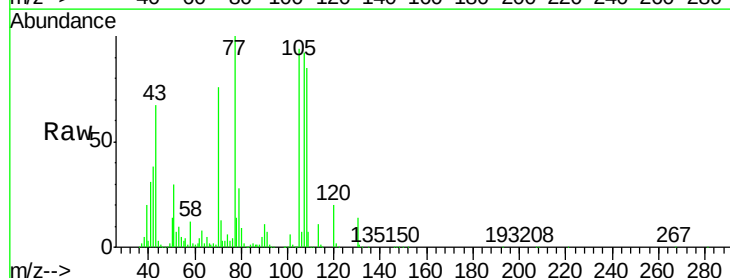
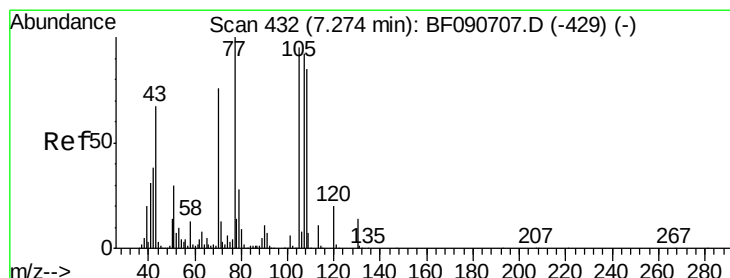
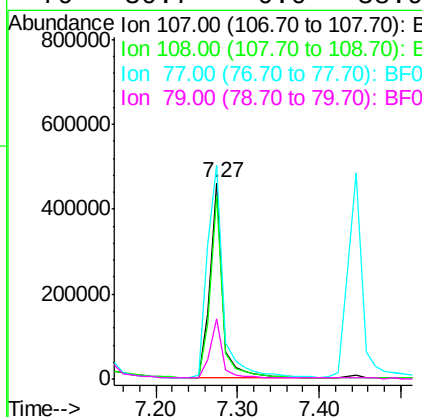
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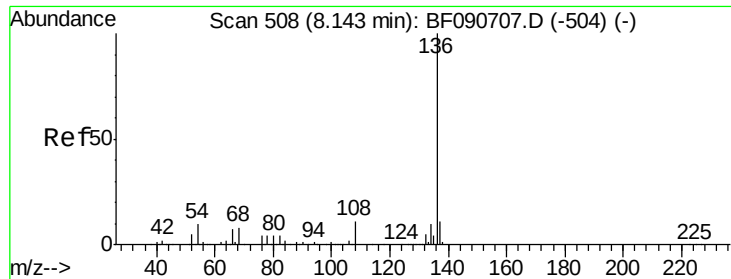
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#20  
3+4-Methylphenols  
Concen: 41.62 ng  
RT: 7.27 min Scan# 432  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 93.0  | 74.6  | 114.6 |
| 77      | 108.8 | 0.7   | 40.7# |
| 79      | 30.7  | 0.0   | 38.9  |





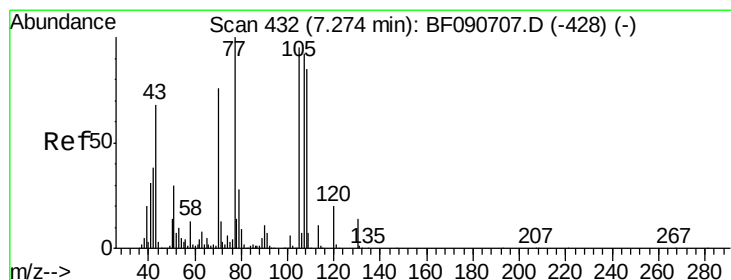
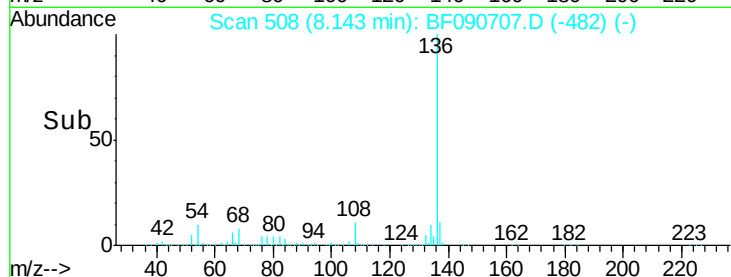
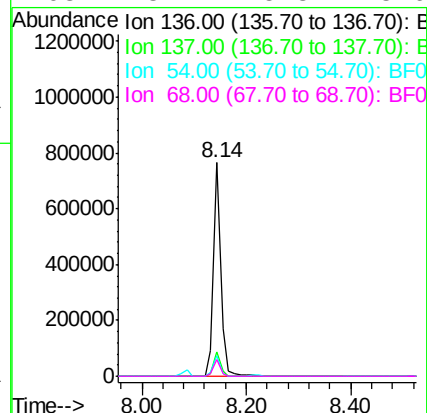
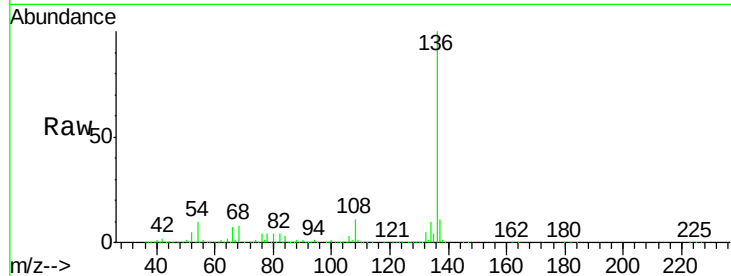
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.14 min Scan# 508  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 742437 |       |       |
| 137     | 11.3  | 9.0    | 13.6  |       |
| 54      | 9.8   | 8.2    | 12.2  |       |
| 68      | 8.1   | 5.8    | 8.6   |       |

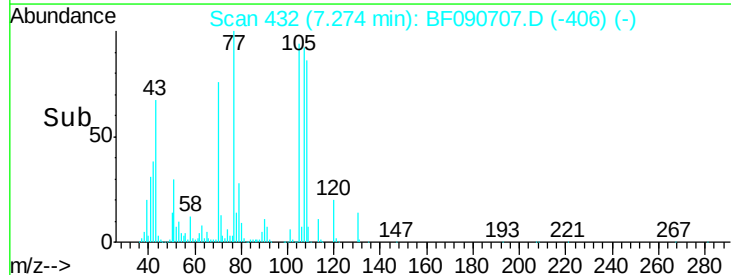
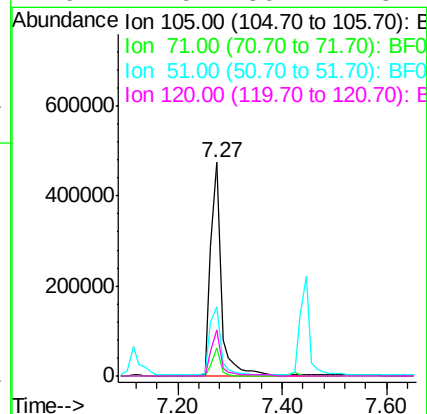
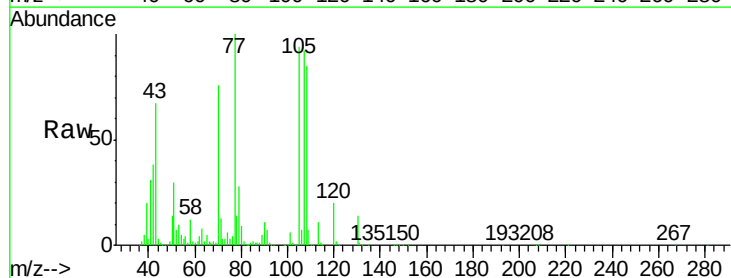
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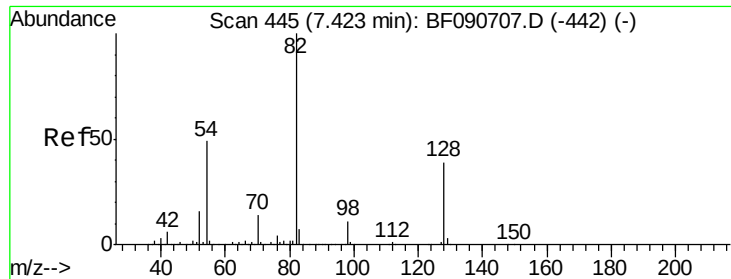
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#22  
Acetophenone  
Concen: 36.94 ng  
RT: 7.27 min Scan# 432  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 673584 |       |       |
| 71      | 13.4  | 4.7    | 7.1#  |       |
| 51      | 32.4  | 22.0   | 33.0  |       |
| 120     | 21.5  | 30.1   | 45.1# |       |





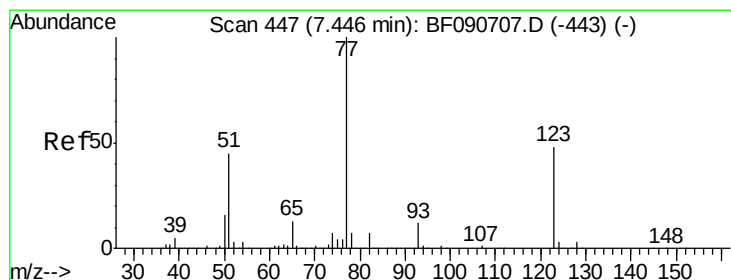
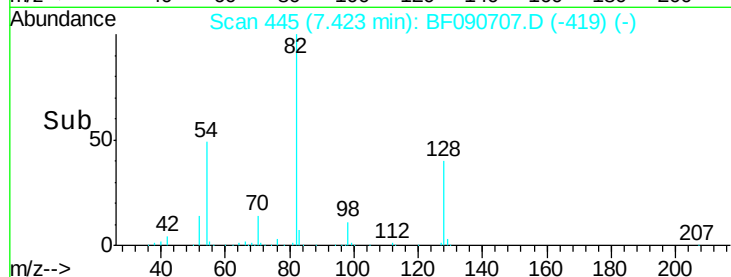
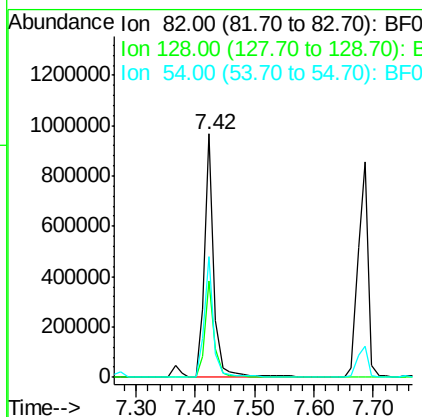
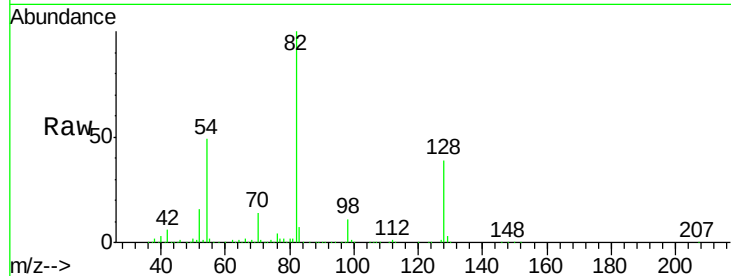
#23  
 Nitrobenzene-d5  
 Concen: 92.97 ng  
 RT: 7.42 min Scan# 445  
 Delta R.T. 0.00 min  
 Lab File: BF090707.D  
 Acq: 21 Oct 2016 12:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

Tot Ion: 82 Resp: 1115333  
 Ion Ratio Lower Upper  
 82 100  
 128 39.5 51.0 76.6#  
 54 49.5 47.5 71.3

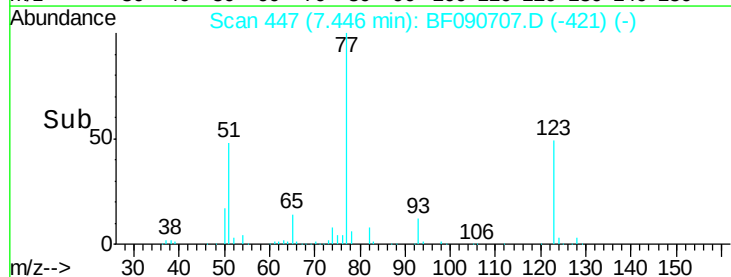
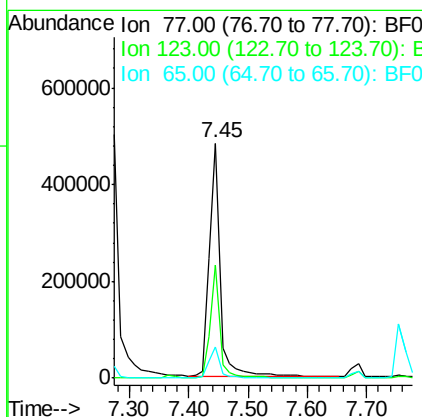
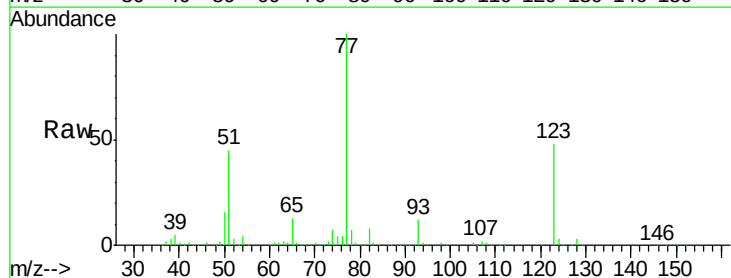
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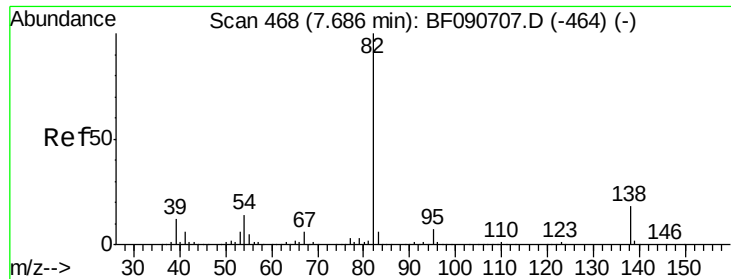


#24  
 Nitrobenzene  
 Concen: 53.25 ng  
 RT: 7.45 min Scan# 447  
 Delta R.T. 0.00 min  
 Lab File: BF090707.D  
 Acq: 21 Oct 2016 12:20

Tgt Ion: 77 Resp: 611785  
 Ion Ratio Lower Upper  
 77 100  
 123 48.0 59.8 89.8#  
 65 13.2 10.2 15.4







#25

Isophorone

Concen: 43.75 ng

RT: 7.69 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

Instrument :

BNA\_F

ClientSampleId :

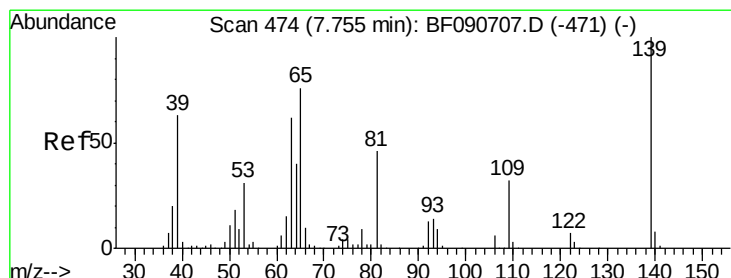
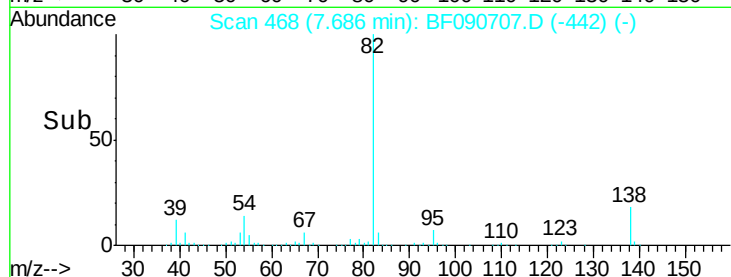
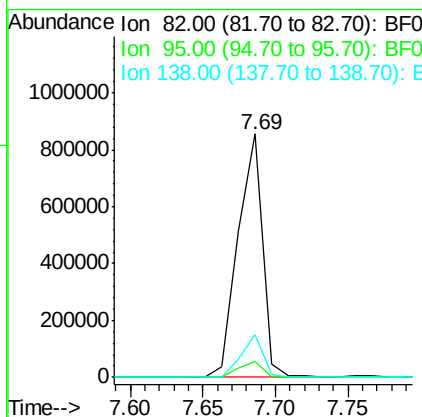
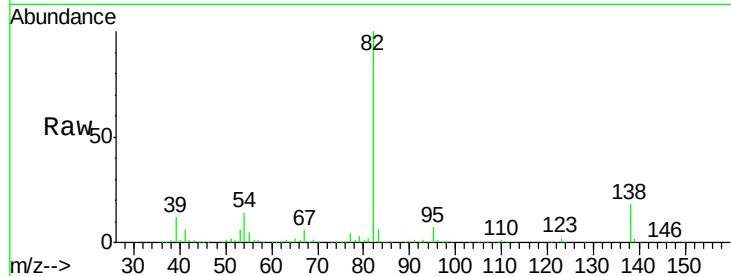
SSTDICCC040

Tot Ion: 82 Resp: 993324  
Ion Ratio Lower Upper

|     |      |      |       |
|-----|------|------|-------|
| 82  | 100  |      |       |
| 95  | 6.7  | 4.0  | 6.0#  |
| 138 | 17.7 | 18.3 | 27.5# |

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#26

2-Nitrophenol

Concen: 32.99 ng

RT: 7.75 min Scan# 474

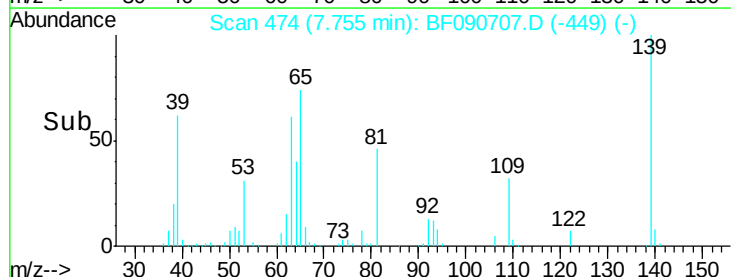
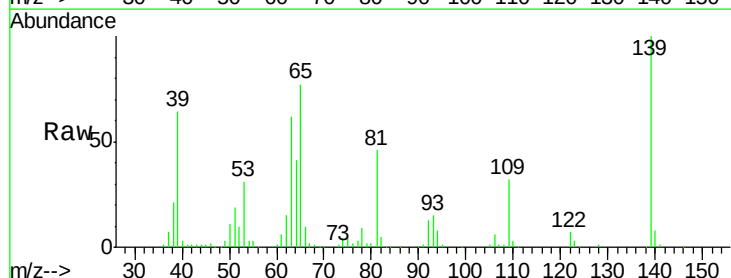
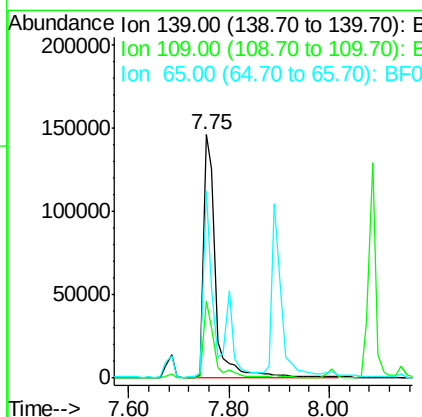
Delta R.T. -0.01 min

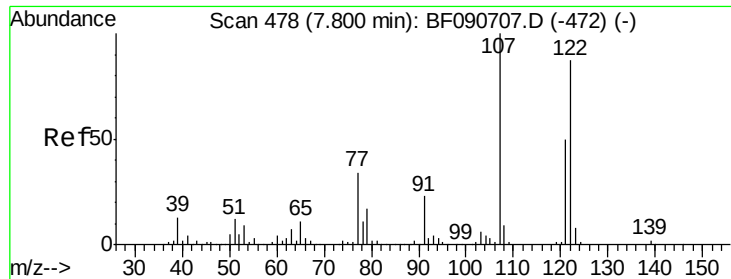
Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

Tgt Ion: 139 Resp: 244439  
Ion Ratio Lower Upper

|     |      |      |       |
|-----|------|------|-------|
| 139 | 100  |      |       |
| 109 | 31.7 | 11.0 | 16.4# |
| 65  | 76.8 | 24.7 | 37.1# |





#27

2,4-Dimethylphenol

Concen: 32.25 ng

RT: 7.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

Instrument :

BNA\_F

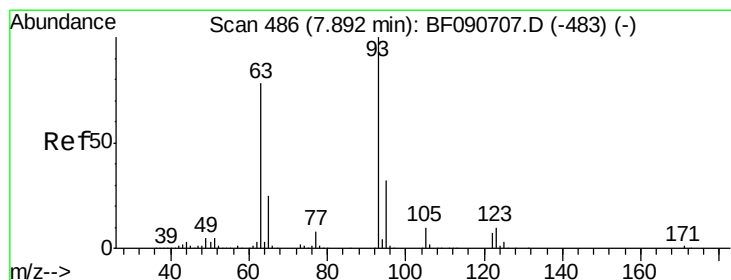
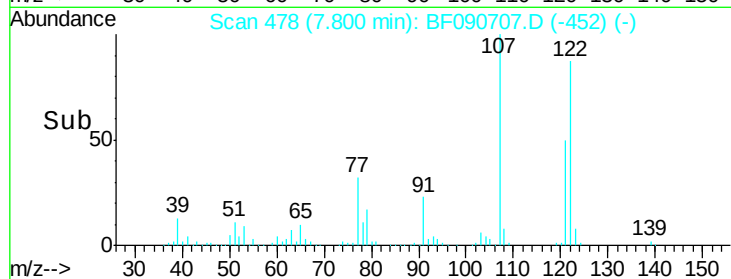
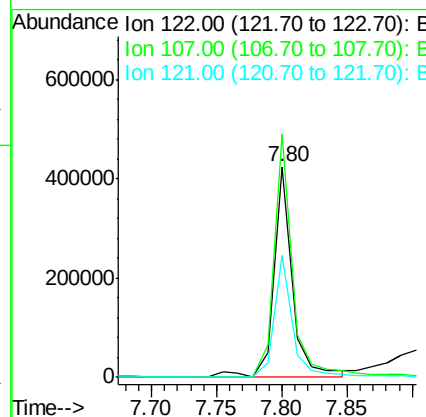
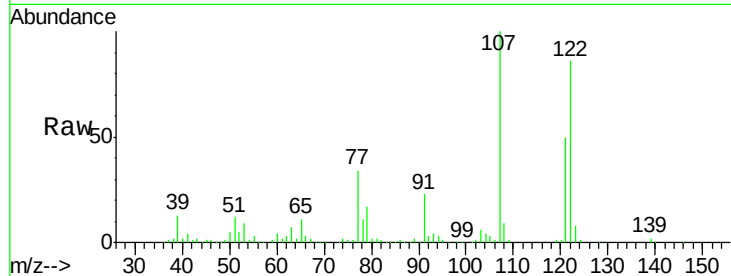
ClientSampleId :

SSTDICCC040

| Tot Ion | Ion | Ratio | Resp | Lower | Upper  |
|---------|-----|-------|------|-------|--------|
| 425132  | 122 | 100   |      |       |        |
| 107.6#  | 107 | 115.7 |      | 71.8  | 107.6# |
| 63.5    | 121 | 57.9  |      | 42.3  | 63.5   |

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#28

bis(2-Chloroethoxy)methane

Concen: 35.58 ng

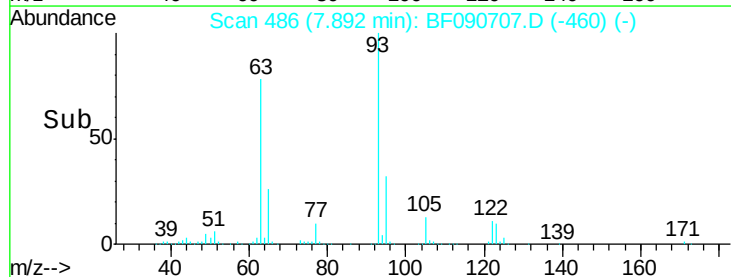
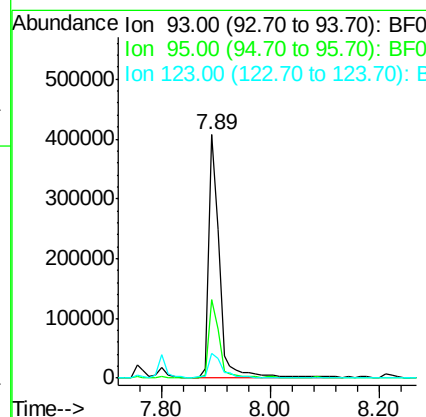
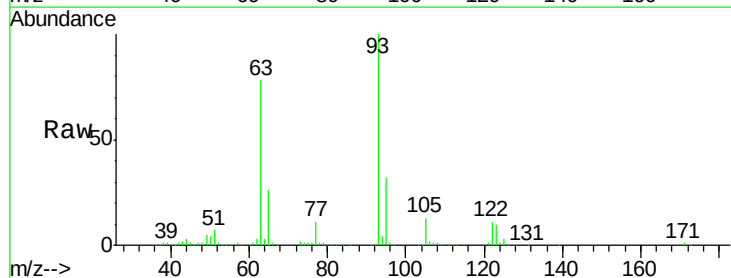
RT: 7.89 min Scan# 486

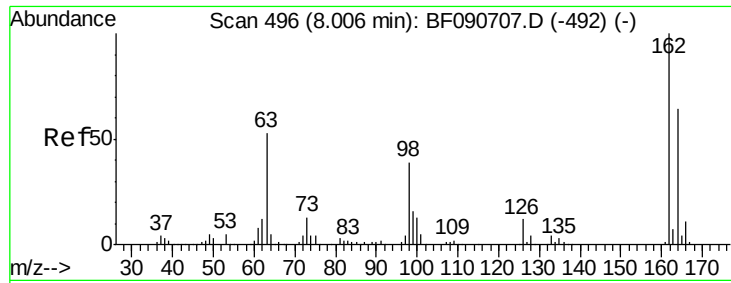
Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 542135  | 93  | 100   |      |       |       |
| 41.3    | 95  | 32.1  |      | 27.5  | 41.3  |
| 20.5#   | 123 | 9.9   |      | 13.7  | 20.5# |





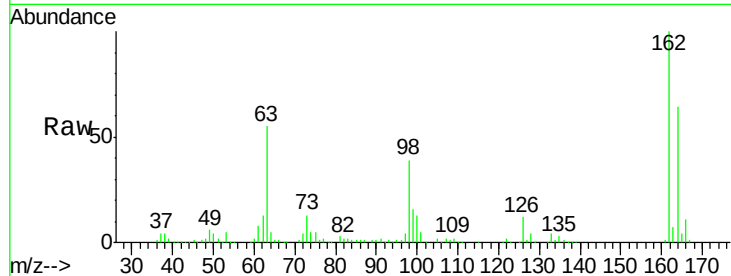
#29  
2,4-Dichlorophenol  
Concen: 35.59 ng  
RT: 8.01 min Scan# 496  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

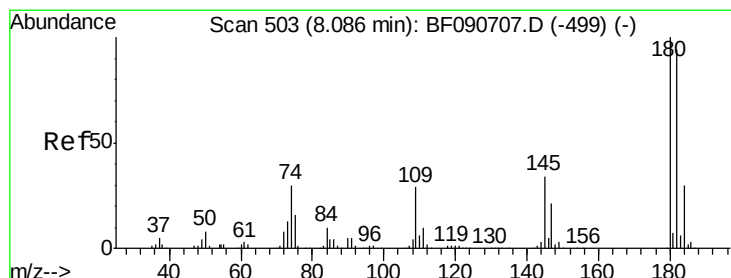
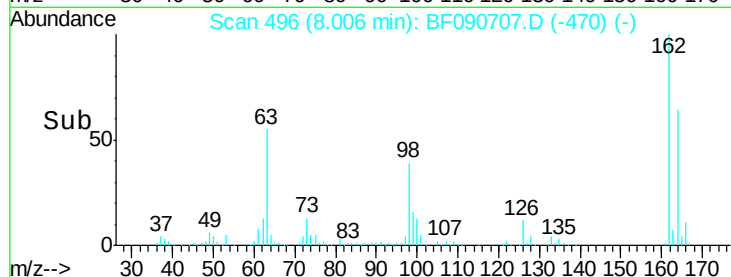
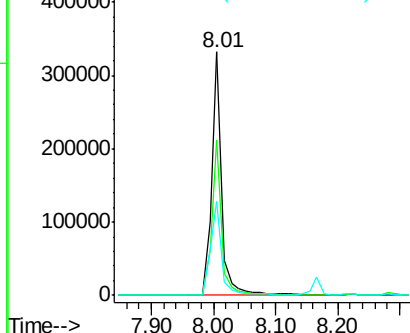
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 369411 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 63.8  | 44.9  | 84.9   |
| 98        | 38.8  | 13.0  | 53.0   |

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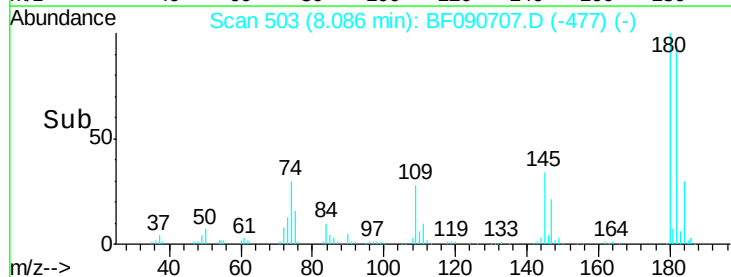
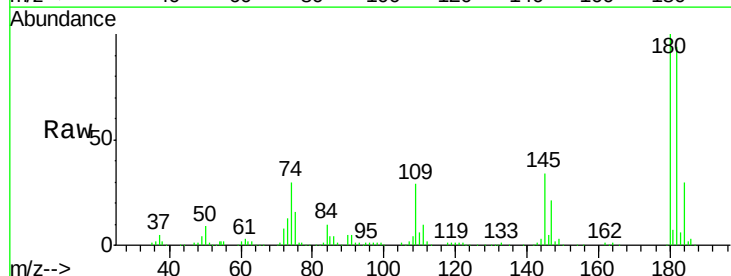
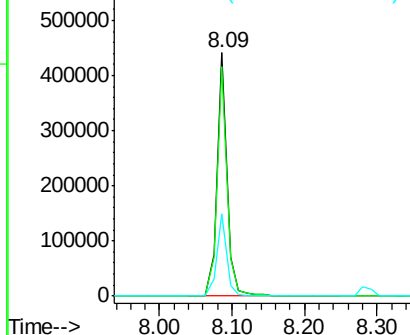
Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF0

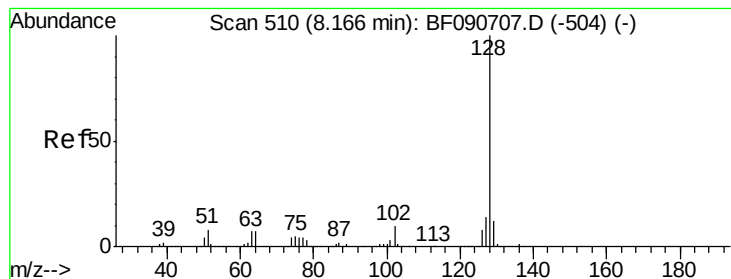


#30  
1,2,4-Trichlorobenzene  
Concen: 37.78 ng  
RT: 8.09 min Scan# 503  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 422140 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.5  | 77.1  | 115.7  |
| 145       | 33.8  | 23.3  | 34.9   |

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: 33.60 ng

RT: 8.17 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion:128 Resp: 1441252

Ion Ratio Lower Upper

128 100

129 11.7 8.4 12.6

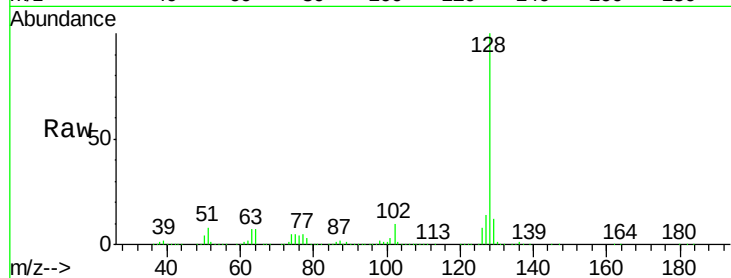
127 13.7 9.9 14.9

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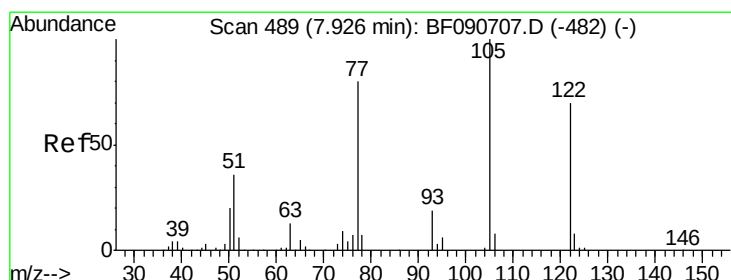
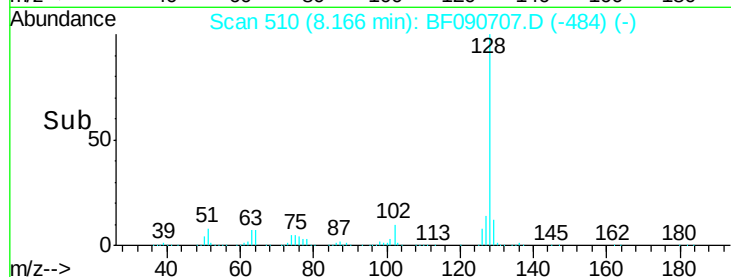
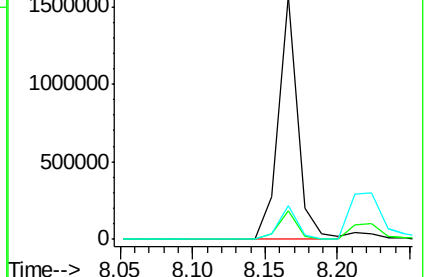
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.89 ng

RT: 7.93 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

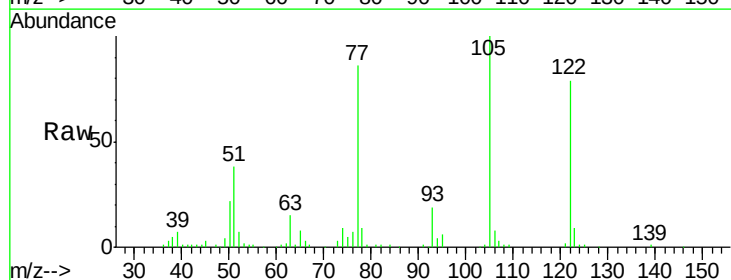
Tgt Ion:122 Resp: 266952

Ion Ratio Lower Upper

122 100

105 125.9 76.1 116.1#

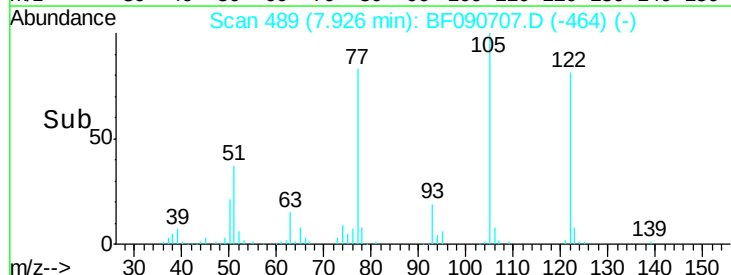
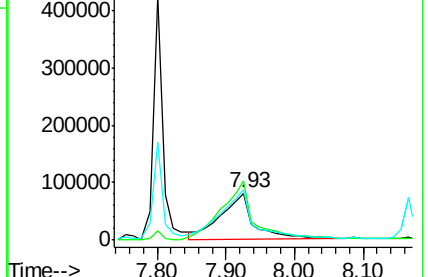
77 108.0 40.5 80.5#

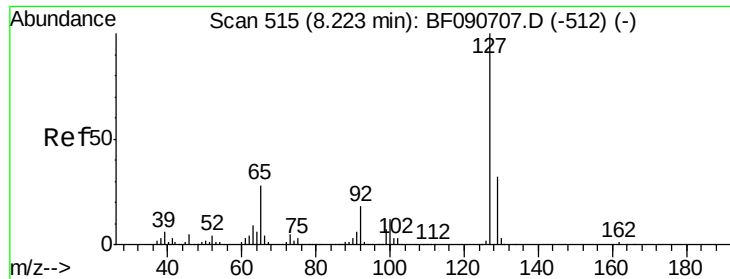


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





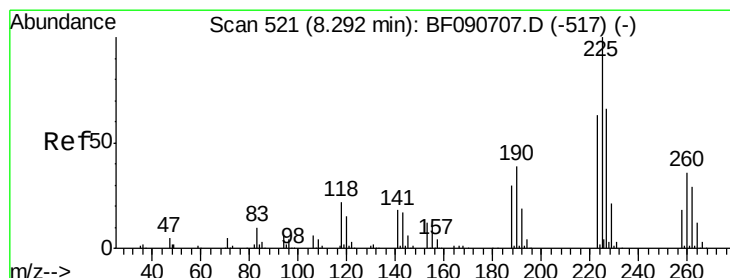
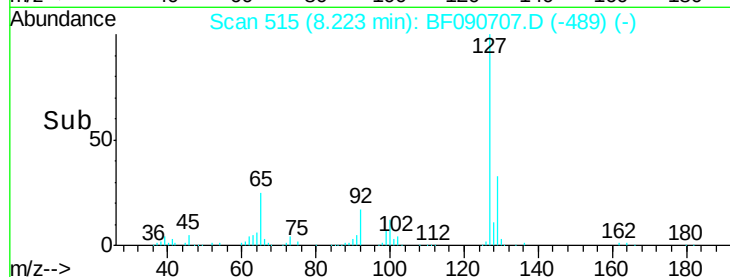
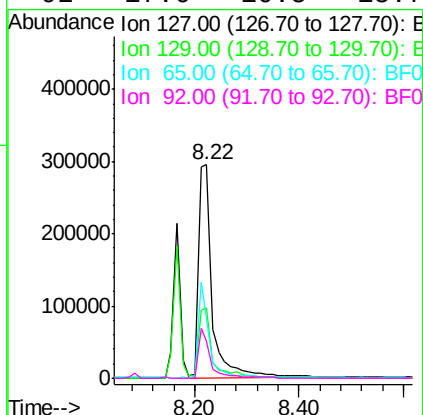
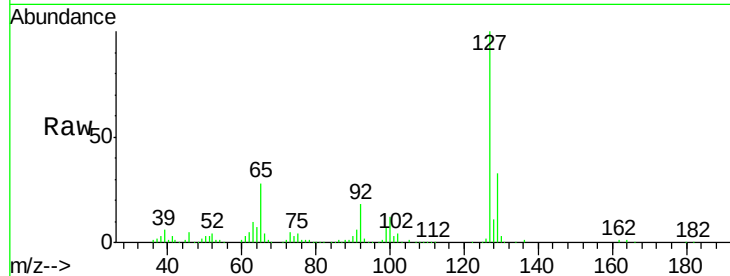
#33  
 4-Chloroaniline  
 Concen: 33.03 ng  
 RT: 8.22 min Scan# 515  
 Delta R.T. 0.00 min  
 Lab File: BF090707.D  
 Acq: 21 Oct 2016 12:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 33.1 | 25.8  | 38.6 |       |       |
| 65      | 27.9 | 17.9  | 26.9 |       |       |
| 92      | 17.6 | 10.5  | 15.7 |       |       |

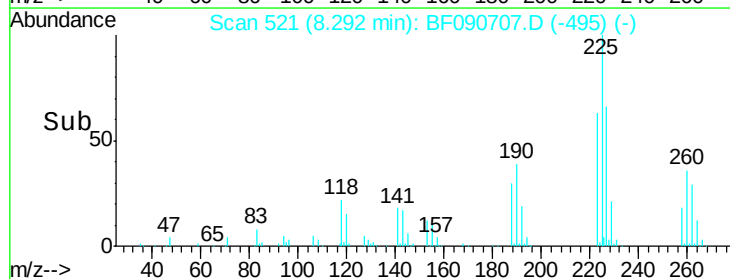
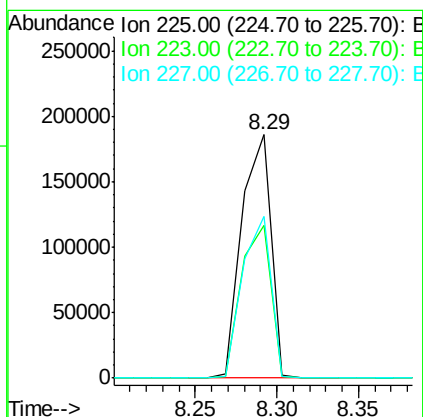
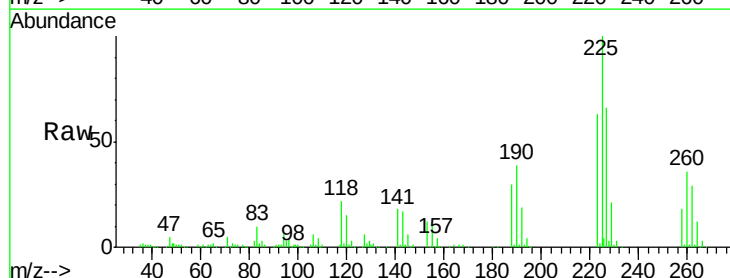
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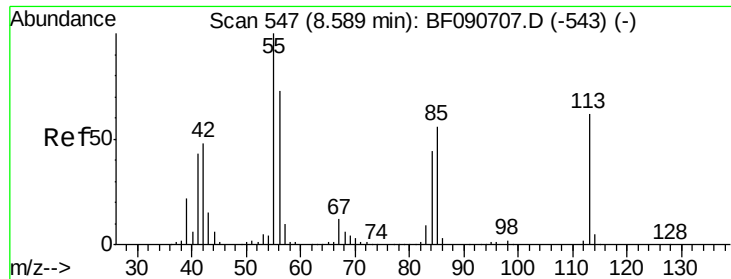
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#34  
 Hexachlorobutadiene  
 Concen: 48.66 ng  
 RT: 8.29 min Scan# 521  
 Delta R.T. 0.00 min  
 Lab File: BF090707.D  
 Acq: 21 Oct 2016 12:20

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.0 | 50.2  | 75.2 |       |       |
| 227     | 66.3 | 52.2  | 78.2 |       |       |





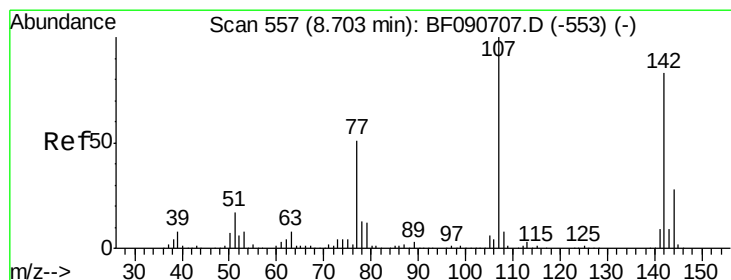
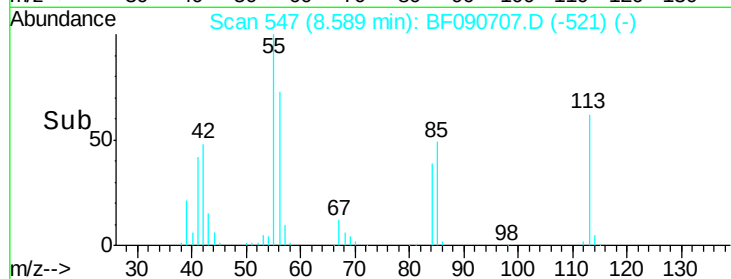
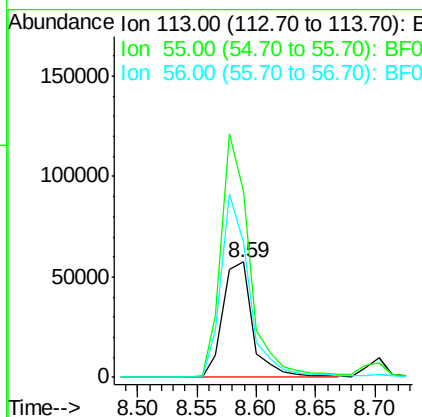
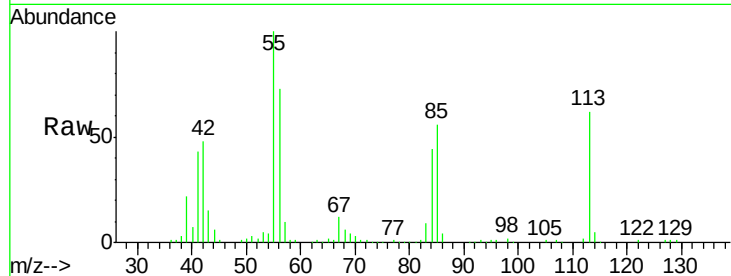
#35  
 Caprolactam  
 Concen: 27.00 ng  
 RT: 8.59 min Scan# 547  
 Delta R.T. 0.00 min  
 Lab File: BF090707.D  
 Acq: 21 Oct 2016 12:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 161.3 | 152.4 | 192.4 |
| 56      | 117.3 | 104.6 | 144.6 |

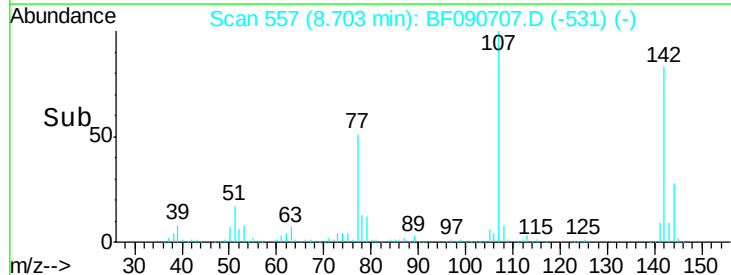
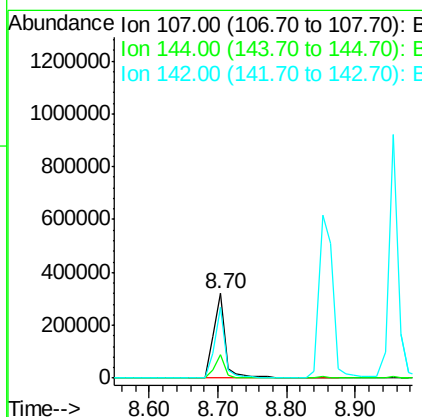
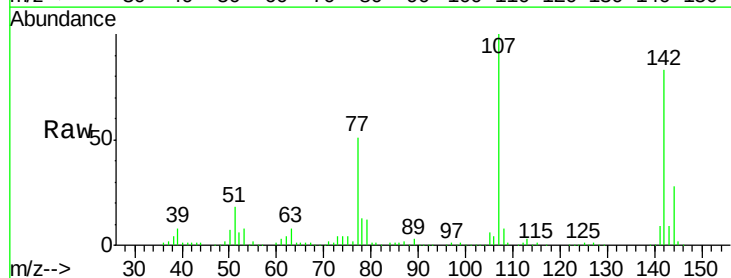
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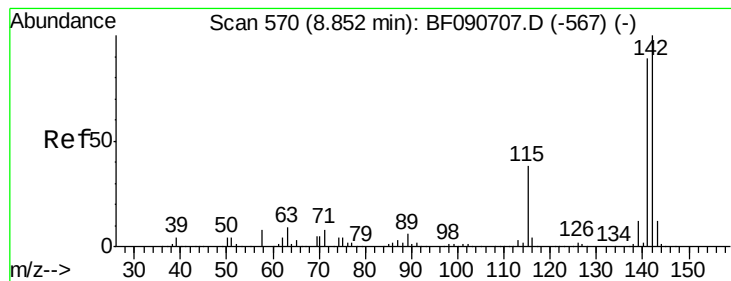
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#36  
 4-Chloro-3-methylphenol  
 Concen: 42.09 ng  
 RT: 8.70 min Scan# 557  
 Delta R.T. 0.00 min  
 Lab File: BF090707.D  
 Acq: 21 Oct 2016 12:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 27.5  | 25.4  | 38.0  |
| 142     | 83.3  | 77.3  | 115.9 |





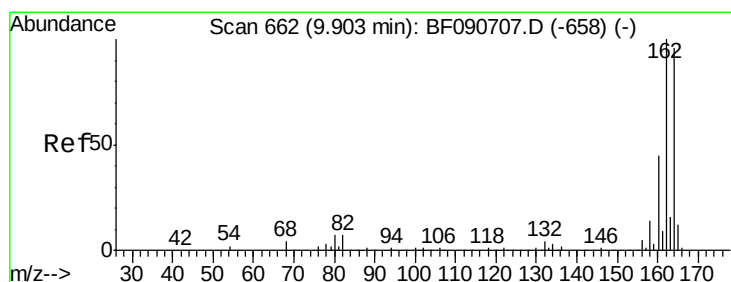
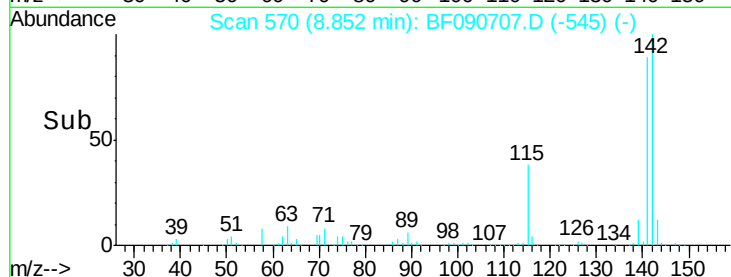
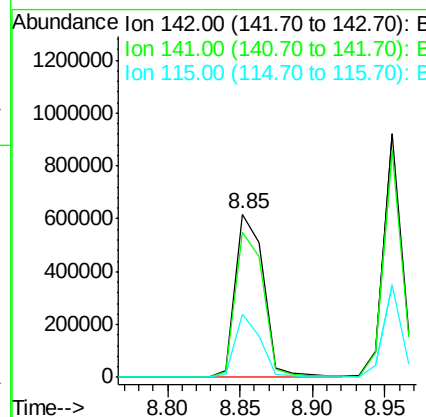
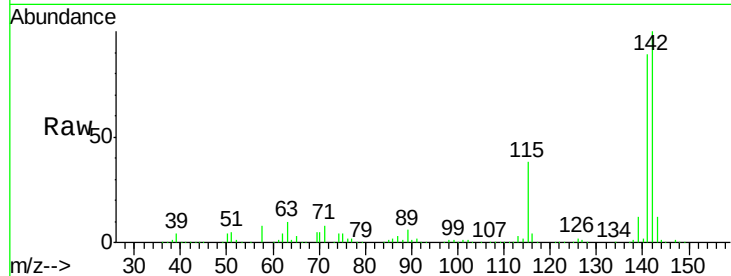
#37  
2-Methylnaphthalene  
Concen: 32.45 ng  
RT: 8.85 min Scan# 570  
Delta R.T. -0.01 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.0  | 67.5  | 101.3 |
| 115     | 38.3  | 18.2  | 27.2  |

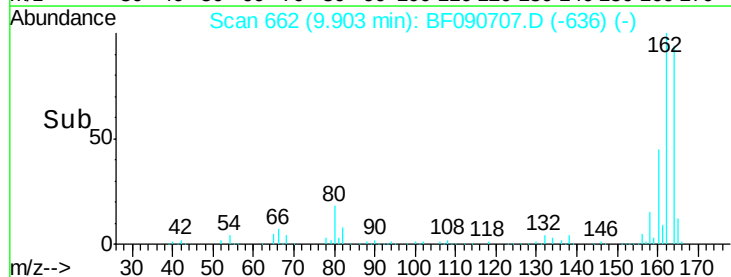
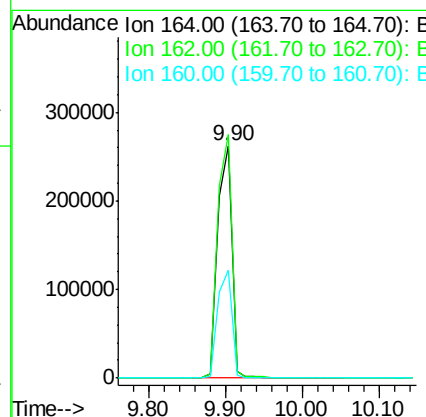
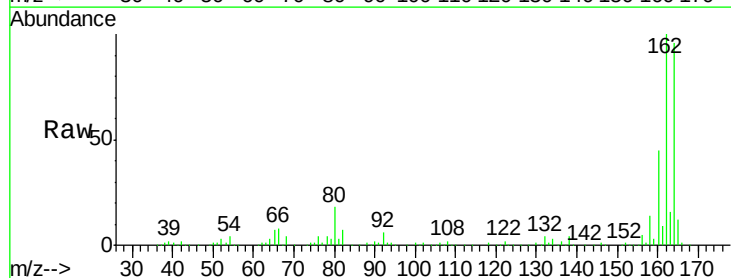
Manual Integrations  
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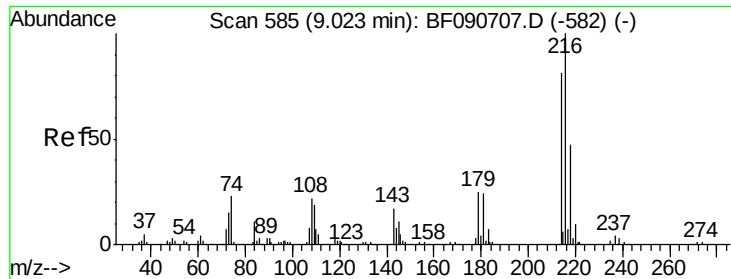
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.90 min Scan# 662  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.7 | 75.2  | 112.8 |
| 160     | 46.7  | 31.5  | 47.3  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.54 ng

RT: 9.02 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

Instrument :

BNA\_F

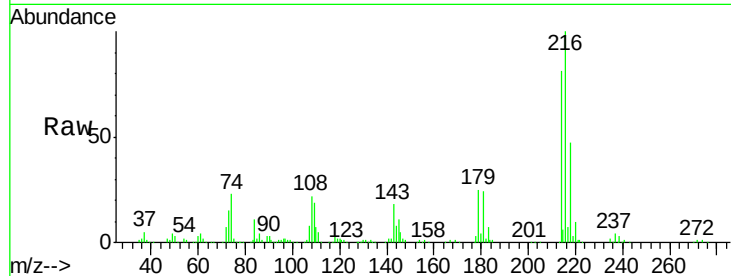
ClientSampleId :

SSTDICCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 382927 |       |       |
| 214     | 80.1 |       | 63.5   | 95.3  |       |
| 179     | 24.1 |       | 16.6   | 24.8  |       |
| 108     | 23.5 |       | 16.3   | 24.5  |       |

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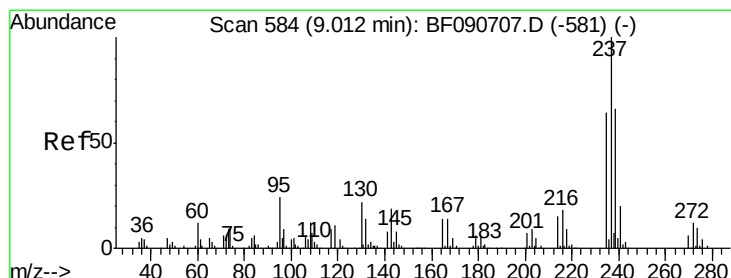
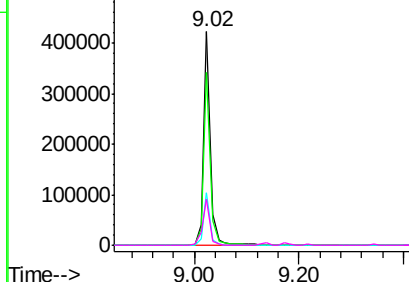
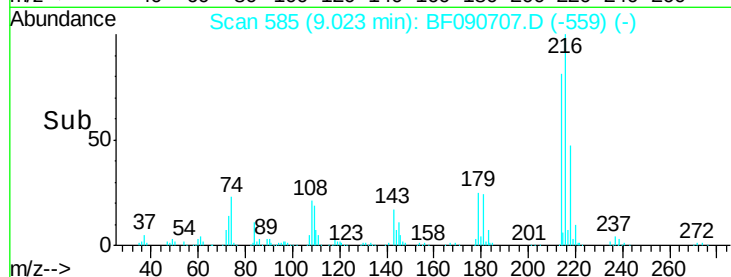


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 32.64 ng

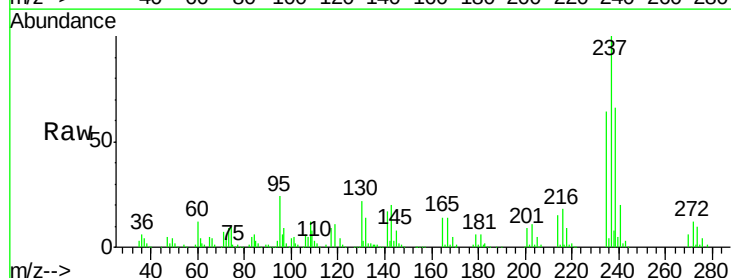
RT: 9.01 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

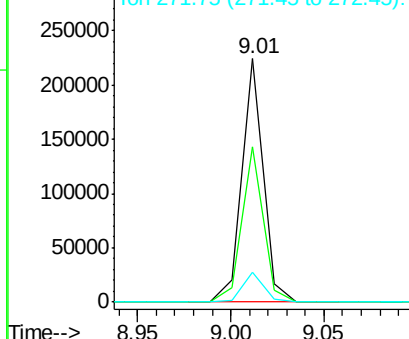
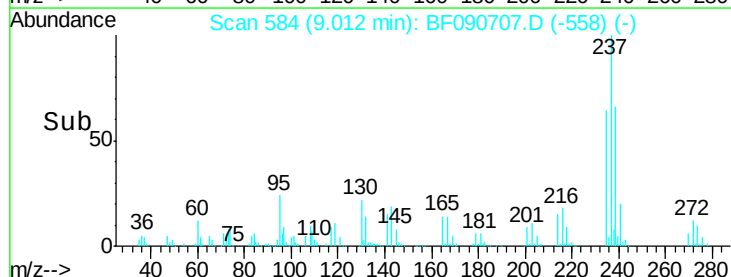
| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 237     | 100  |       | 179707 |       |       |
| 235     | 64.0 |       | 42.0   | 82.0  |       |
| 272     | 12.4 |       | 0.0    | 36.1  |       |



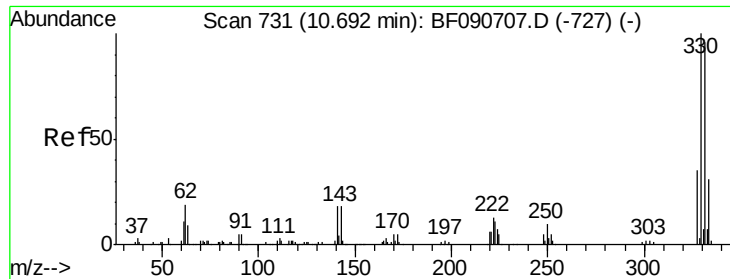
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E







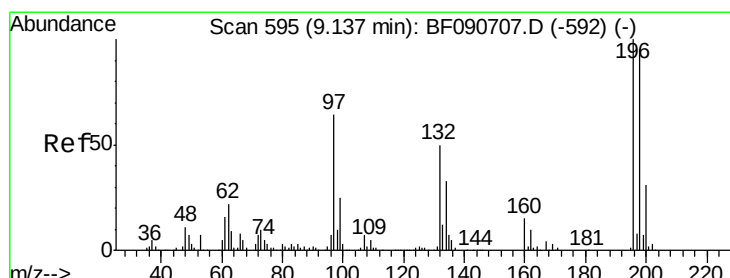
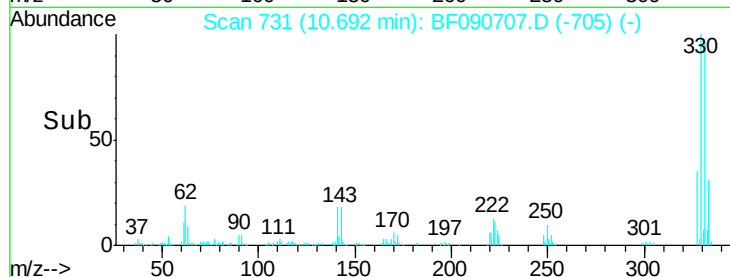
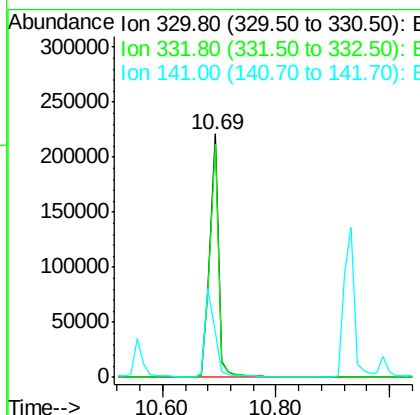
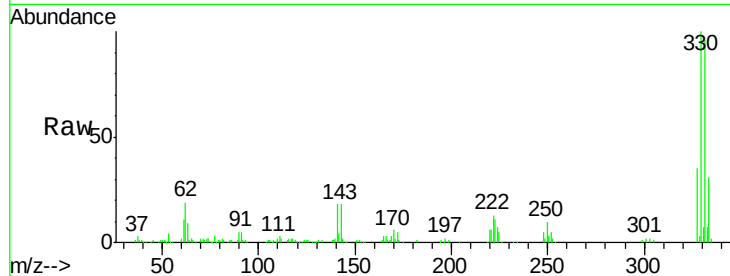
#41  
 2,4,6-Tribromophenol  
 Concen: 89.73 ng  
 RT: 10.69 min Scan# 731  
 Delta R.T. 0.00 min  
 Lab File: BF090707.D  
 Acq: 21 Oct 2016 12:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 229481 |       |       |
| 332     | 96.0  | 76.6   | 114.8 |       |
| 141     | 41.7  | 29.7   | 44.5  |       |

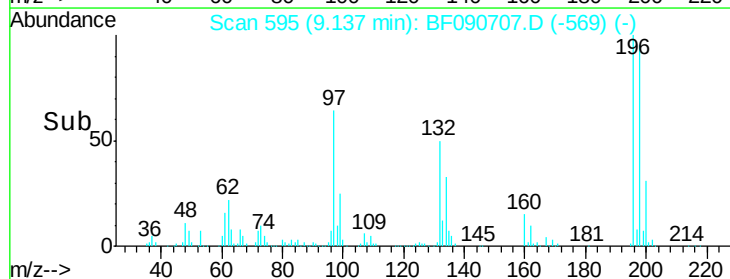
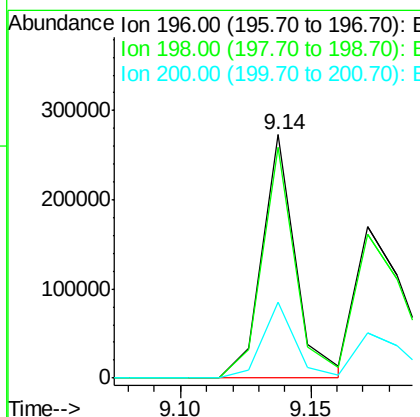
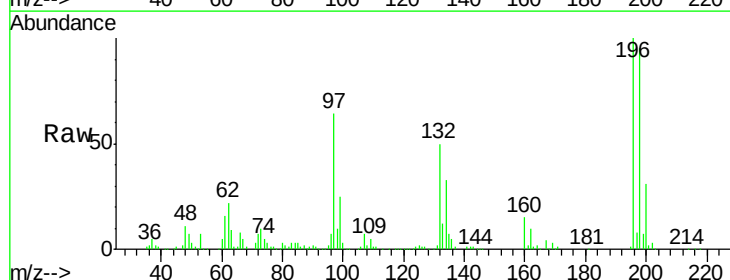
Manual Integrations  
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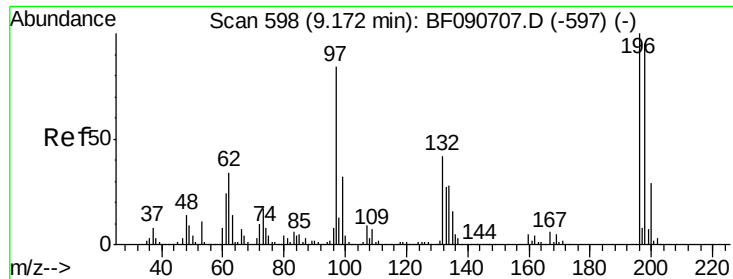
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#42  
 2,4,6-Trichlorophenol  
 Concen: 39.40 ng  
 RT: 9.14 min Scan# 595  
 Delta R.T. 0.00 min  
 Lab File: BF090707.D  
 Acq: 21 Oct 2016 12:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 245307 |       |       |
| 198     | 94.8  | 75.7   | 113.5 |       |
| 200     | 30.9  | 23.9   | 35.9  |       |





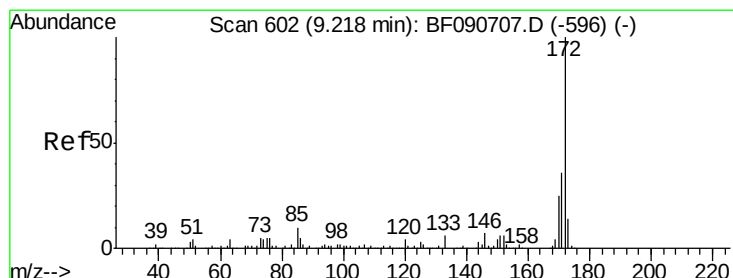
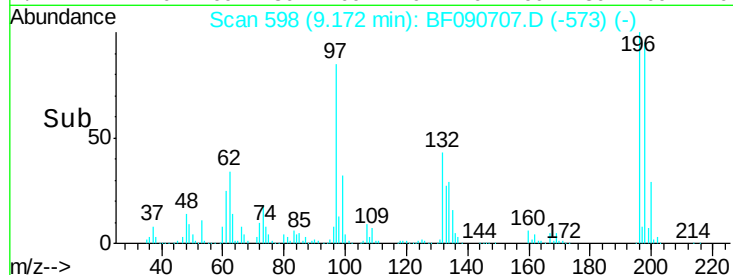
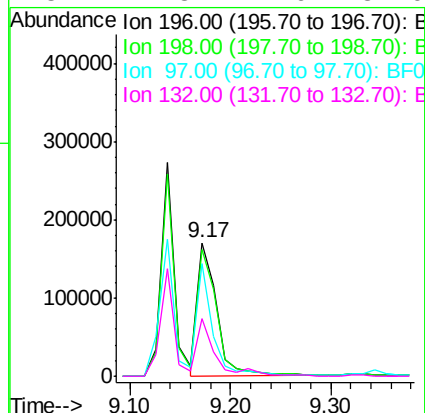
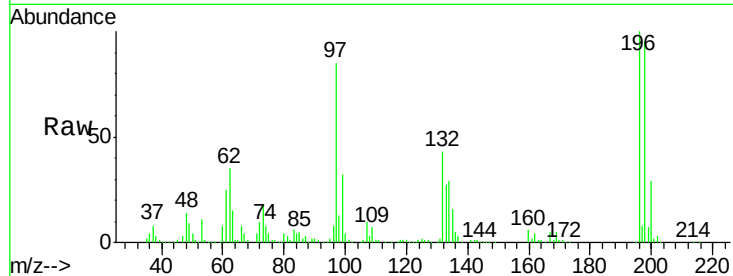
#43  
2,4,5-Trichlorophenol  
Concen: 35.32 ng  
RT: 9.17 min Scan# 598  
Delta R.T. -0.01 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 196     | 100  |       | 229108 |       |       |
| 198     | 94.9 | 75.4  | 113.0  |       |       |
| 97      | 84.9 | 33.3  | 49.9   |       |       |
| 132     | 42.8 | 24.6  | 37.0   |       |       |

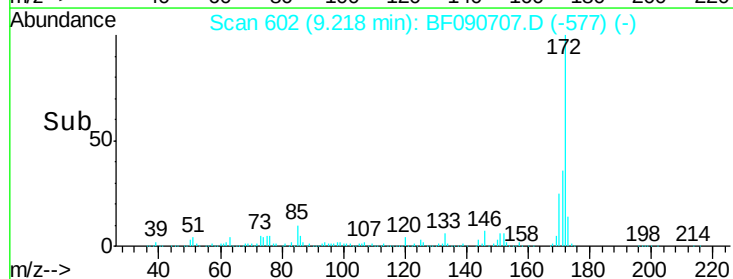
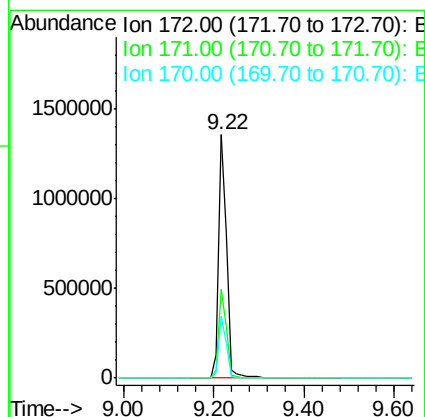
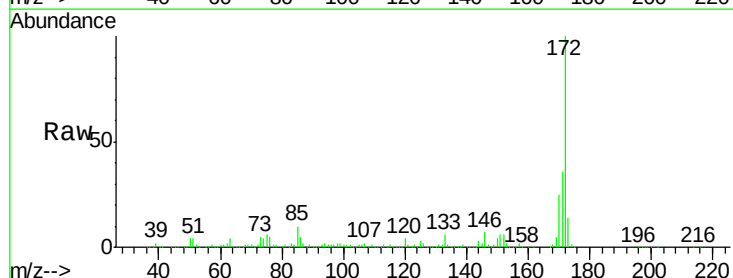
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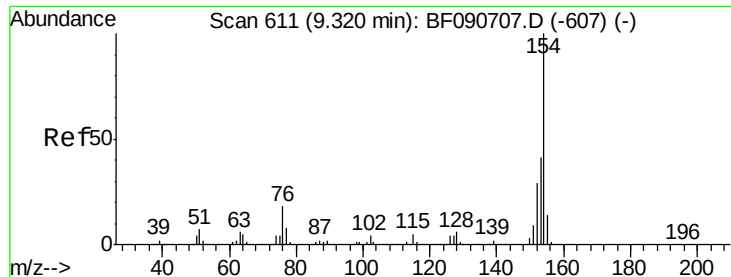
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#44  
2-Fluorobiphenyl  
Concen: 58.78 ng  
RT: 9.22 min Scan# 602  
Delta R.T. -0.01 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 172     | 100  |       | 1673726 |       |       |
| 171     | 36.3 | 26.1  | 39.1    |       |       |
| 170     | 25.2 | 17.4  | 26.2    |       |       |





#45

1,1'-Biphenyl

Concen: 33.63 ng

RT: 9.32 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion:154 Resp: 1095619

Ion Ratio Lower Upper

154 100

153 40.9 17.1 57.1

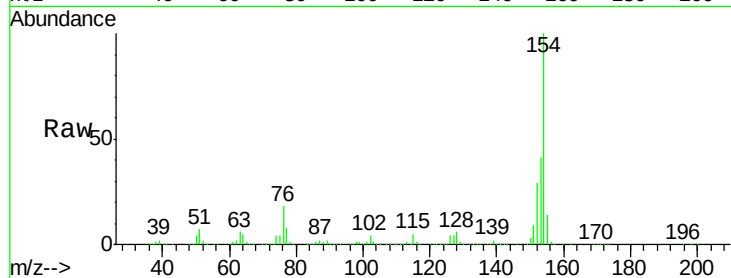
76 17.6 0.0 31.6

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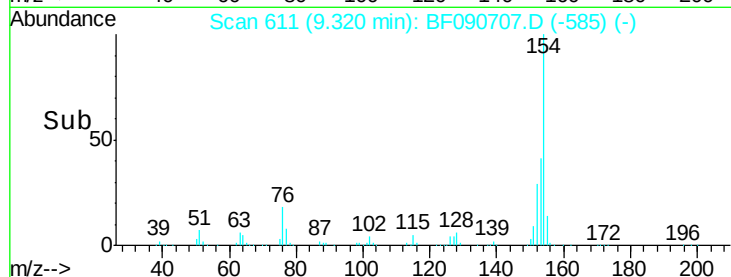
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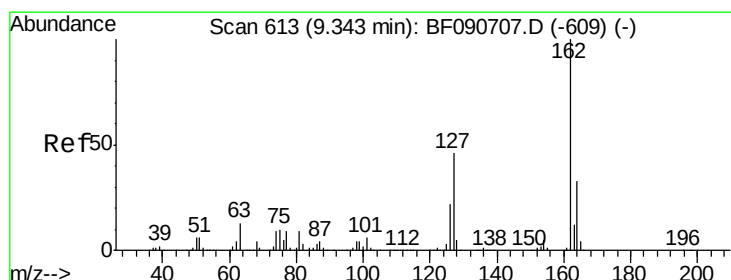
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



Time-->



#46

2-Chloronaphthalene

Concen: 35.67 ng

RT: 9.34 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

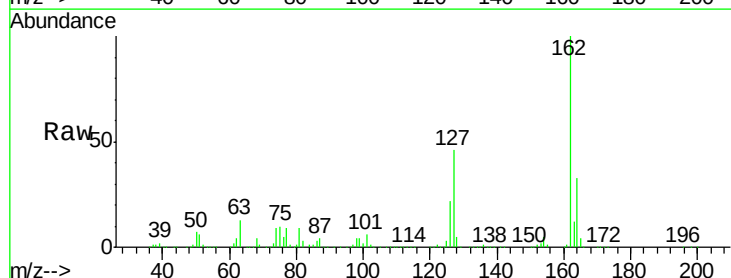
Tgt Ion:162 Resp: 787430

Ion Ratio Lower Upper

162 100

127 46.2 27.6 41.4#

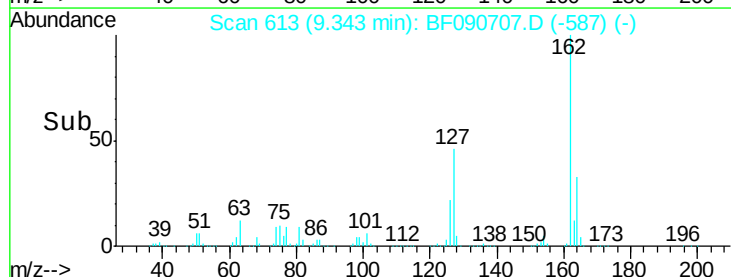
164 32.7 25.4 38.2



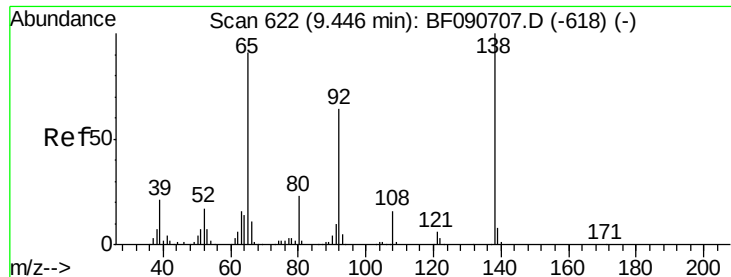
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



#47

2-Nitroaniline

Concen: 48.50 ng

RT: 9.45 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

Instrument :

BNA\_F

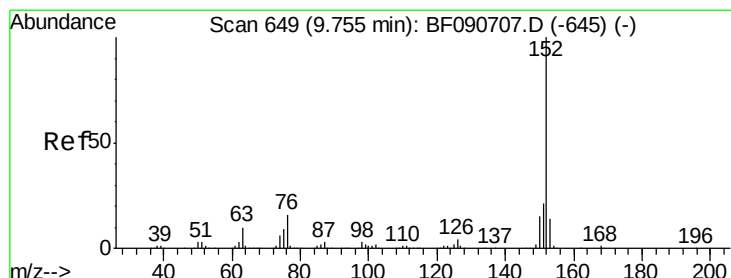
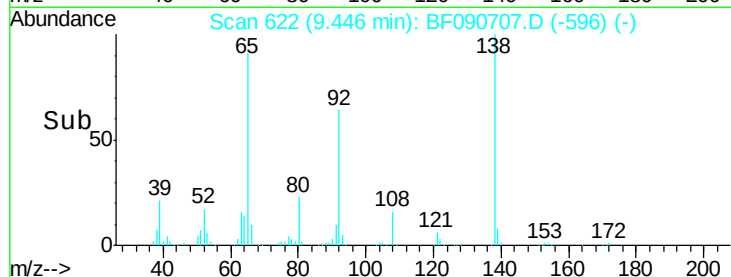
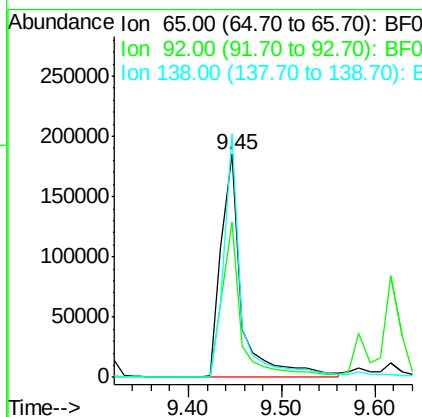
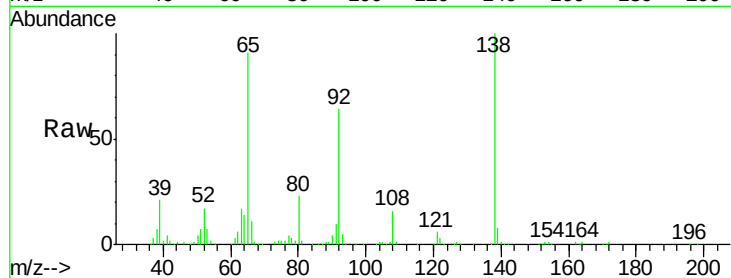
ClientSampleId :

SSTDICCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 69.7  | 55.4  | 83.0   |
| 138     | 109.4 | 115.5 | 173.3# |

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#48

Acenaphthylene

Concen: 30.63 ng

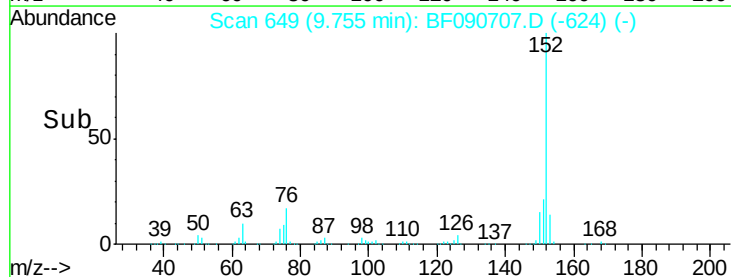
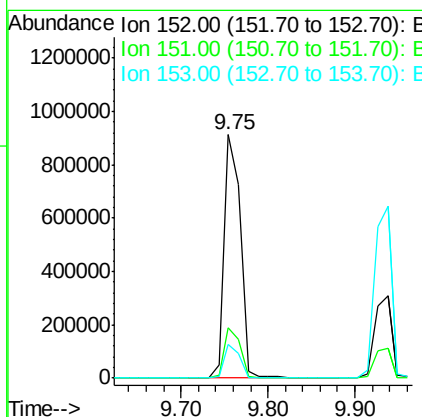
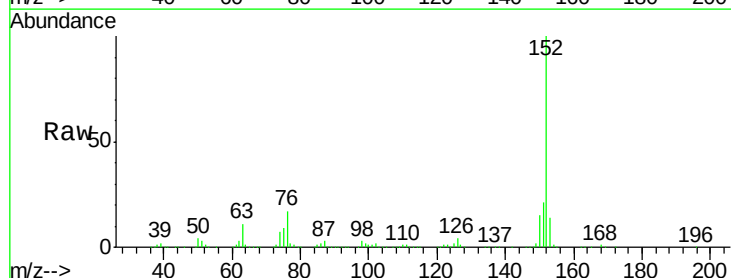
RT: 9.75 min Scan# 649

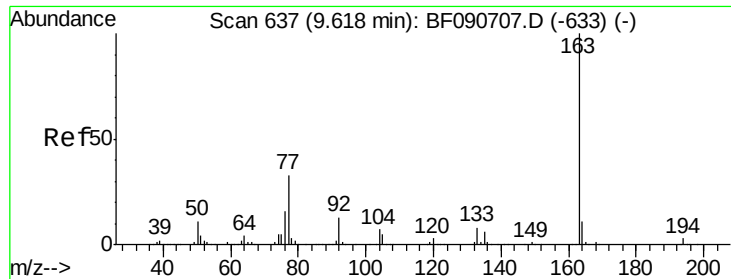
Delta R.T. -0.01 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.7  | 14.6  | 22.0  |
| 153     | 13.8  | 10.3  | 15.5  |





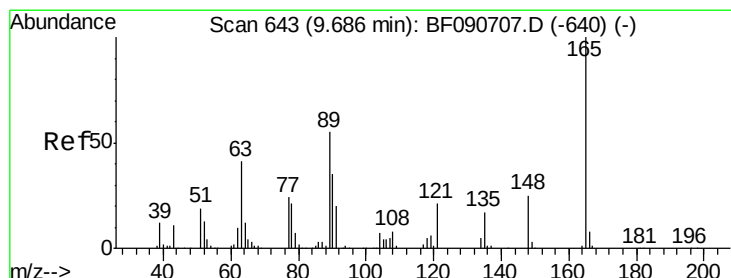
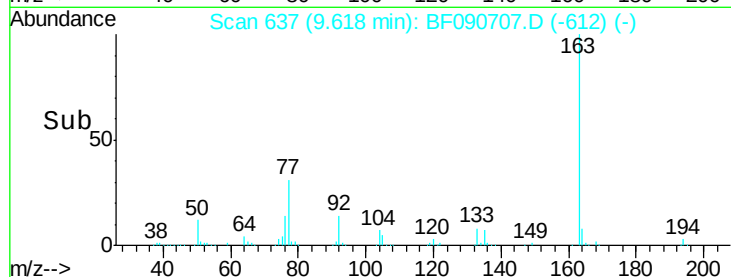
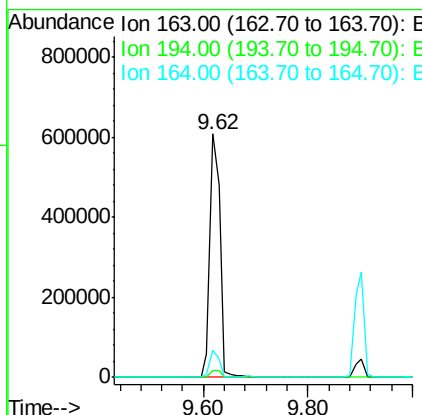
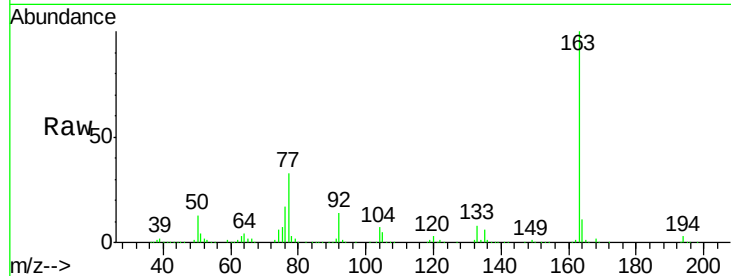
#49  
Dimethylphthalate  
Concen: 36.14 ng  
RT: 9.62 min Scan# 637  
Delta R.T. -0.01 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 816775 |       |       |
| 194     | 2.9   |        | 4.4   | 6.6#  |
| 164     | 11.0  |        | 8.3   | 12.5  |

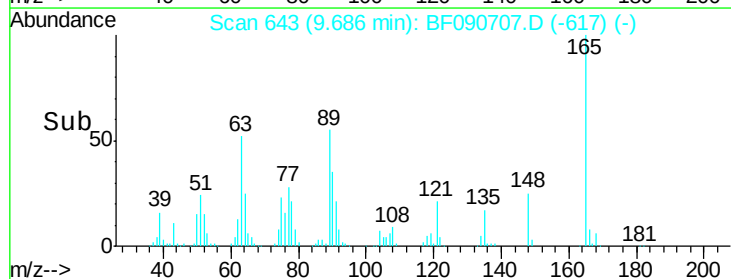
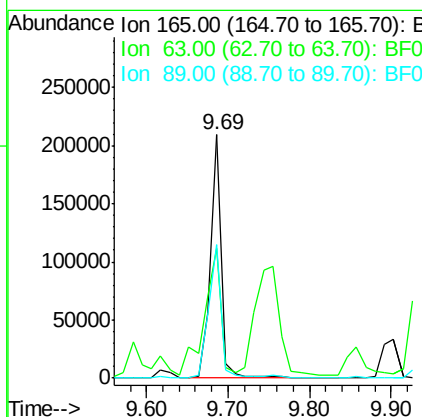
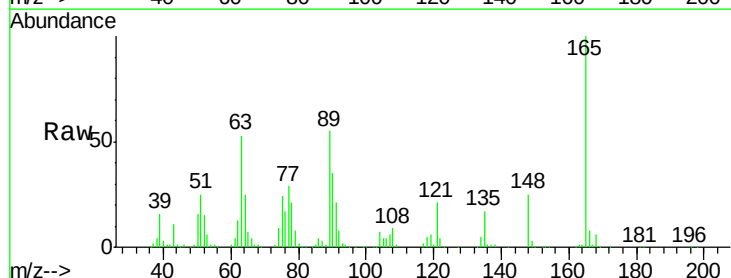
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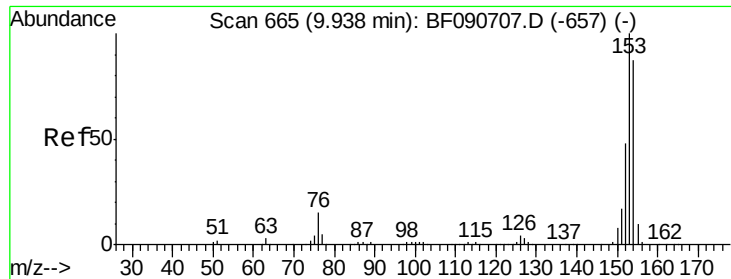
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#50  
2,6-Dinitrotoluene  
Concen: 37.81 ng  
RT: 9.69 min Scan# 643  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 199913 |       |       |
| 63      | 53.4  |        | 32.3  | 48.5# |
| 89      | 54.7  |        | 28.6  | 43.0# |





#51

Acenaphthene

Concen: 33.95 ng

RT: 9.94 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

Instrument :

BNA\_F

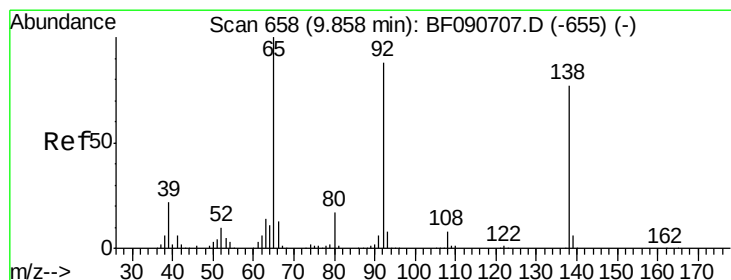
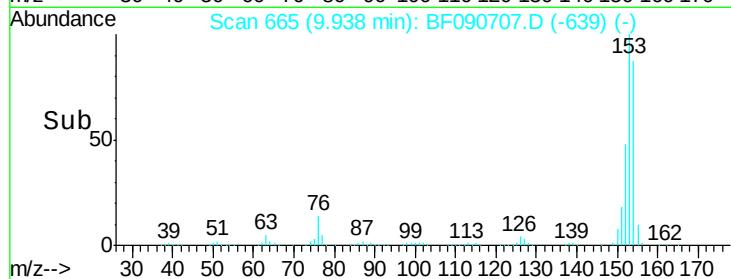
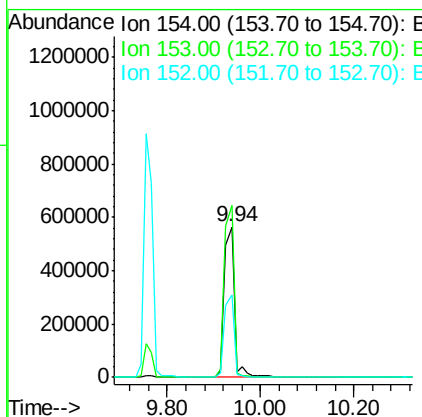
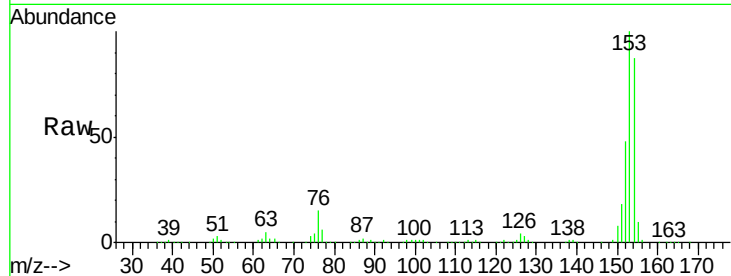
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 818987 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 114.5 | 82.1  | 123.1  |
| 152       | 55.1  | 37.9  | 56.9   |

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#52

3-Nitroaniline

Concen: 33.68 ng

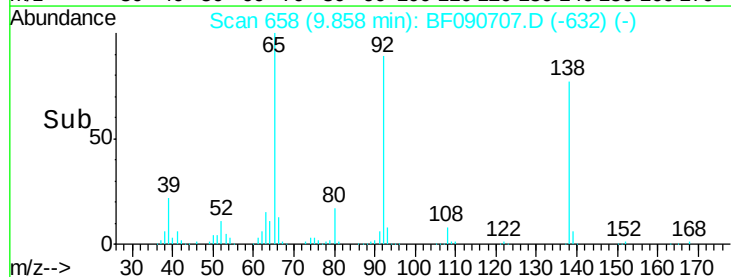
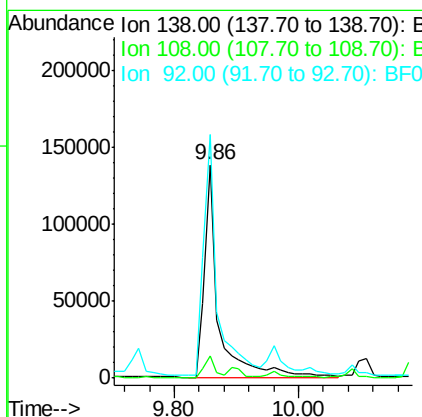
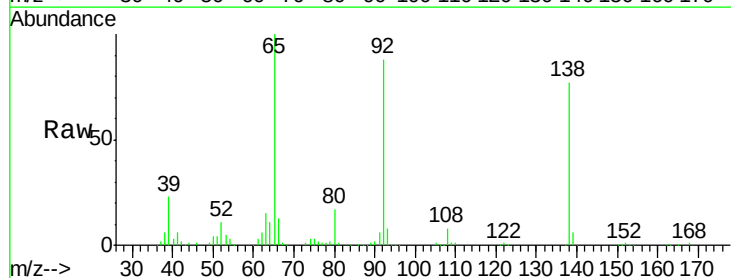
RT: 9.86 min Scan# 658

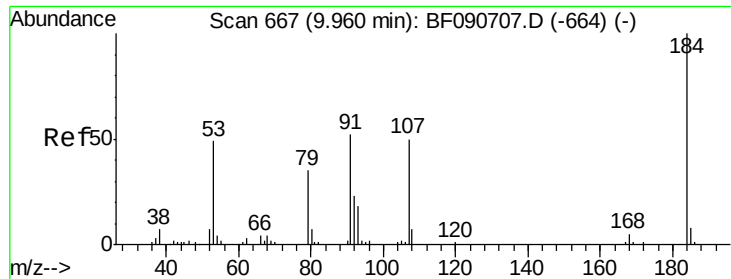
Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 221496 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 10.2  | 5.7   | 8.5#   |
| 92        | 114.1 | 67.7  | 101.5# |





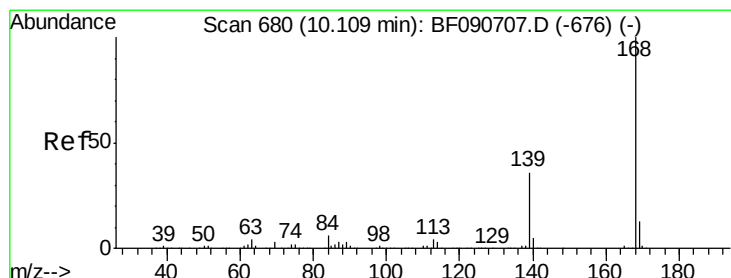
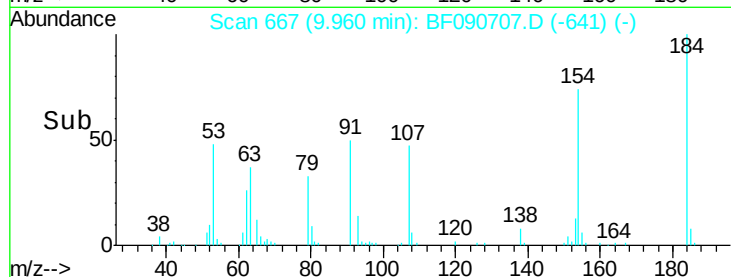
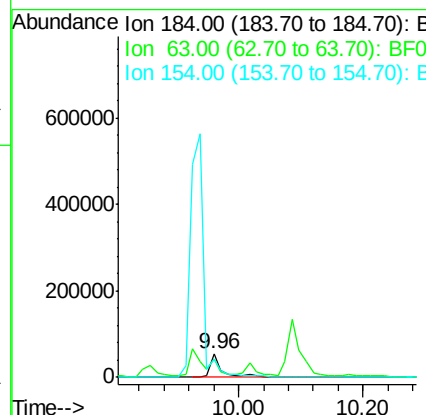
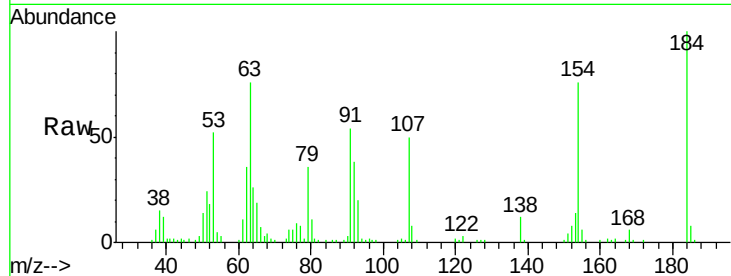
#53  
 2,4-Dinitrophenol  
 Concen: 26.74 ng  
 RT: 9.96 min Scan# 667  
 Delta R.T. 0.00 min  
 Lab File: BF090707.D  
 Acq: 21 Oct 2016 12:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 76.4  | 35.4  | 53.2# |
| 154     | 75.7  | 32.2  | 48.4# |

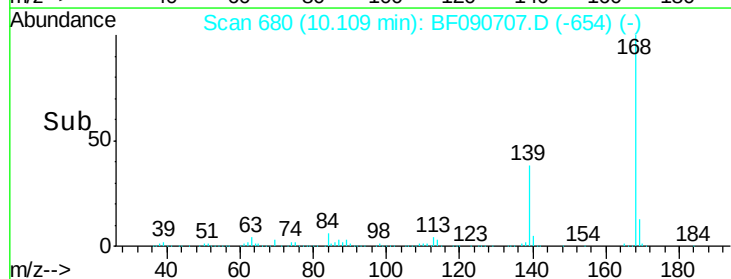
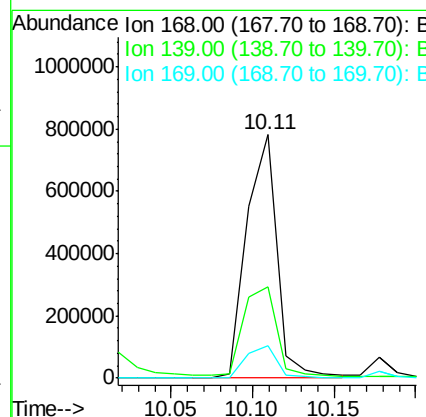
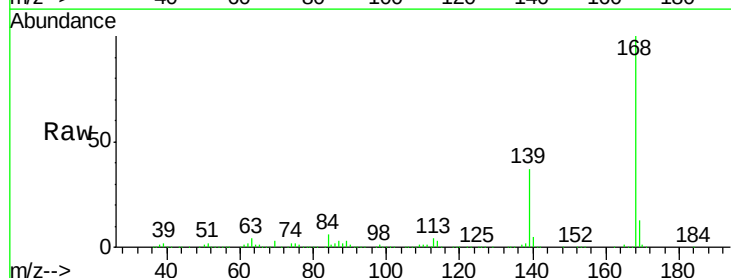
Manual Integrations  
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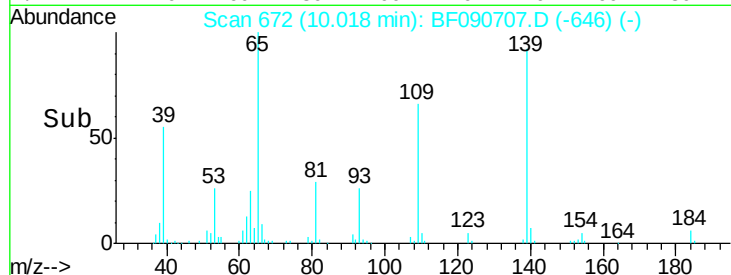
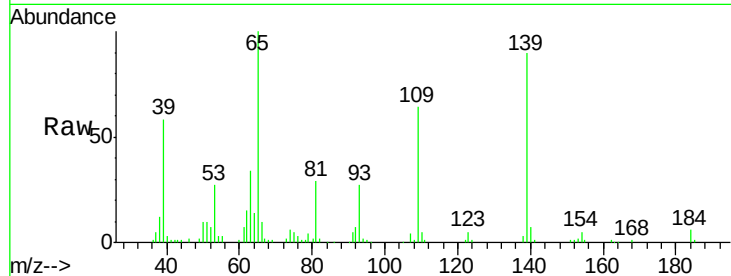
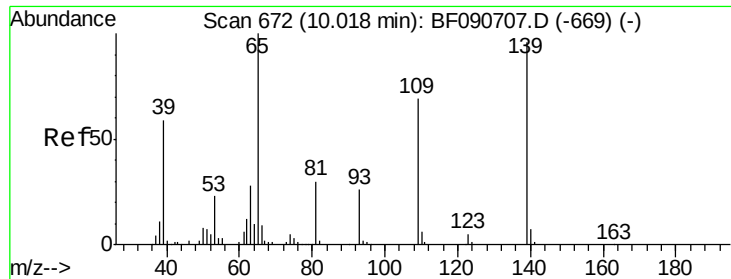
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#54  
 Dibenzofuran  
 Concen: 32.98 ng  
 RT: 10.11 min Scan# 680  
 Delta R.T. 0.00 min  
 Lab File: BF090707.D  
 Acq: 21 Oct 2016 12:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.5  | 24.2  | 36.2# |
| 169     | 13.3  | 10.6  | 15.8  |





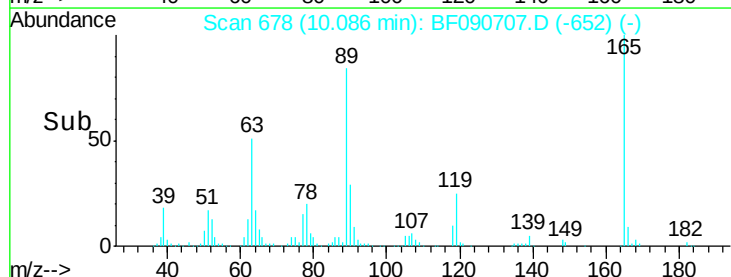
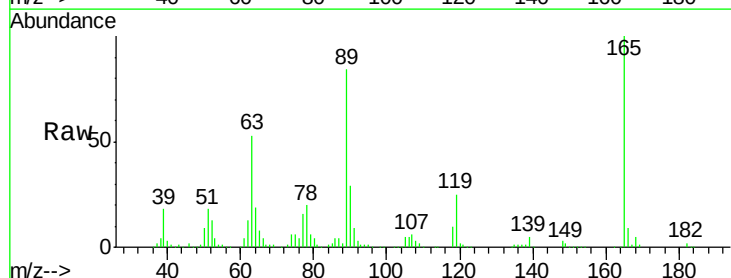
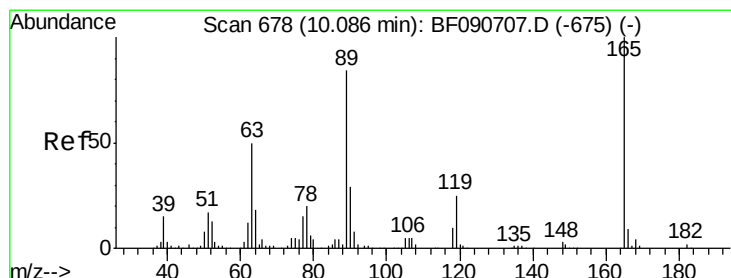
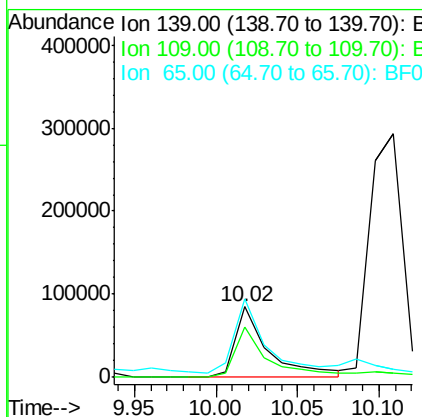
#55  
4-Nitrophenol  
Concen: 22.10 ng  
RT: 10.02 min Scan# 672  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 71.3  | 12.7 | 52.7# |       |
| 65      | 110.8 | 45.9 | 85.9# |       |

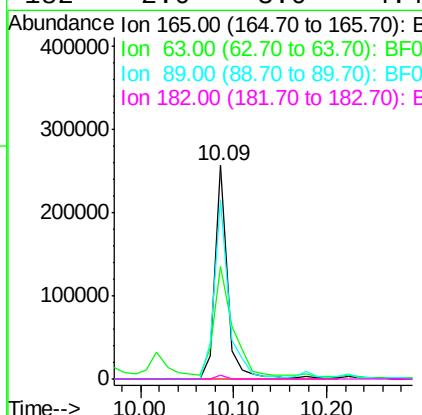
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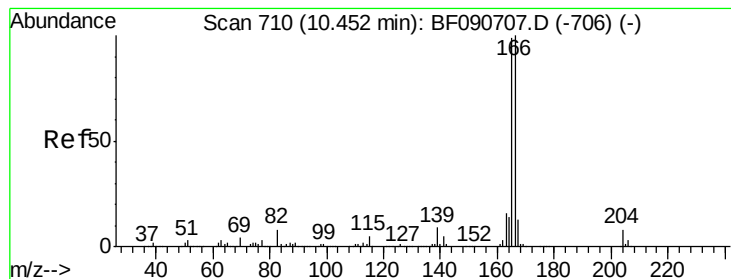


#56  
2,4-Dinitrotoluene  
Concen: 37.13 ng  
RT: 10.09 min Scan# 678  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 52.7  | 29.8 | 44.6# |       |
| 89      | 83.9  | 44.5 | 66.7# |       |
| 182     | 2.0   | 3.0  | 4.4#  |       |







#57

Fluorene

Concen: 30.69 ng

RT: 10.45 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

Instrument :

BNA\_F

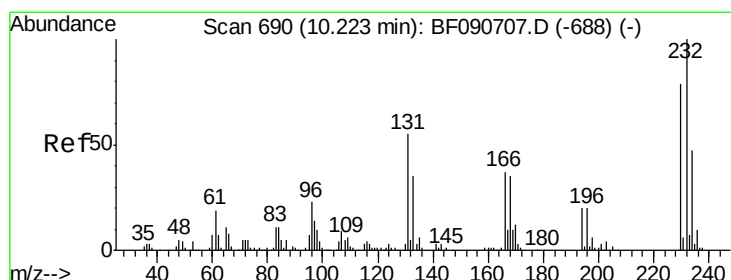
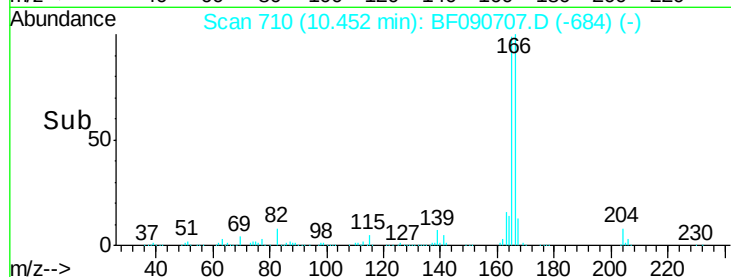
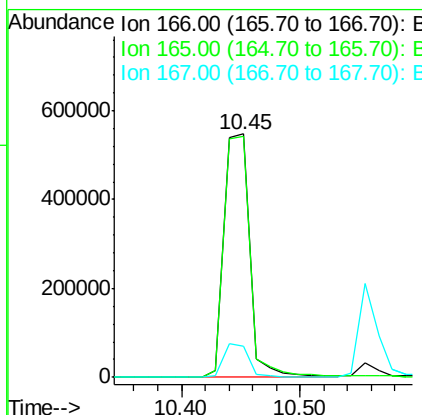
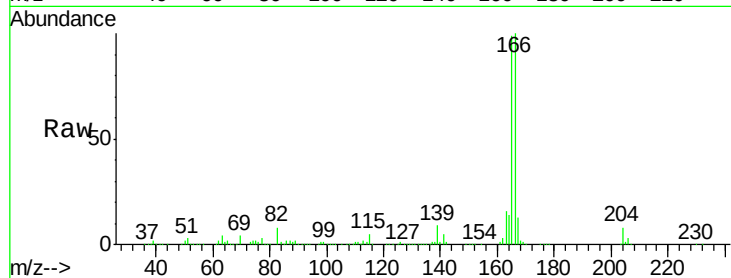
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 820952 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 99.2  | 72.6  | 109.0  |
| 167       | 13.0  | 10.6  | 16.0   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.74 ng

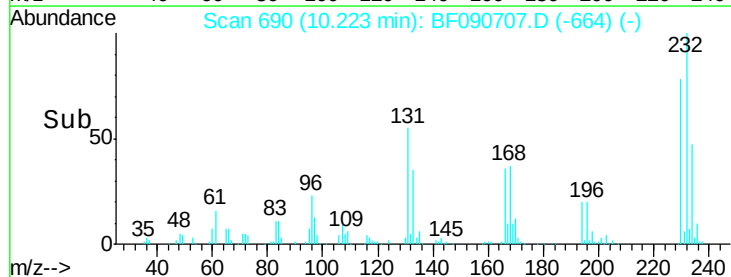
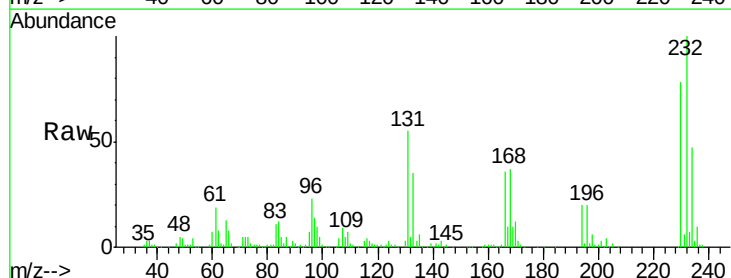
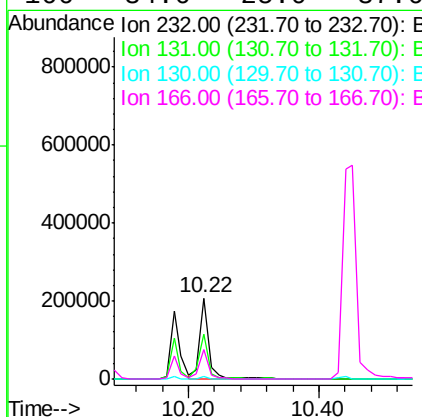
RT: 10.22 min Scan# 690

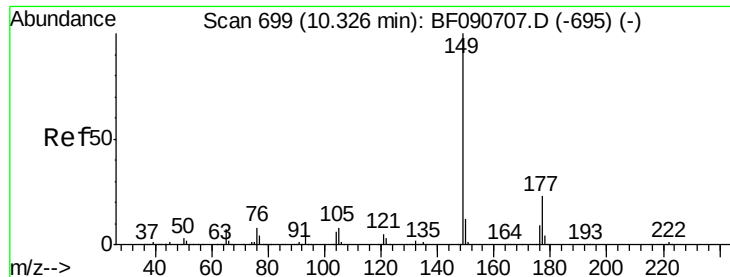
Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 198517 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 57.5  | 38.5  | 57.7   |
| 130       | 2.6   | 1.8   | 2.6    |
| 166       | 34.6  | 25.0  | 37.6   |





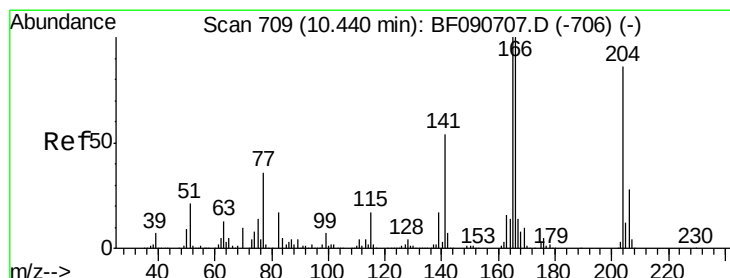
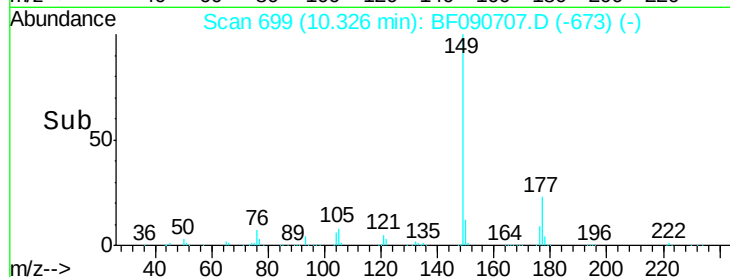
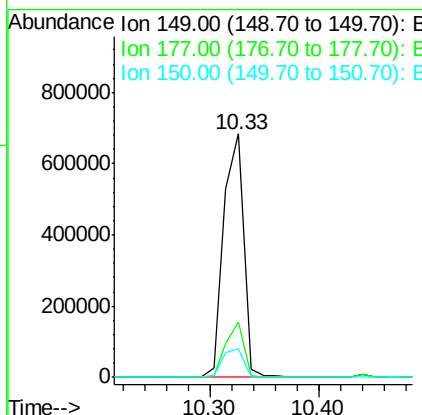
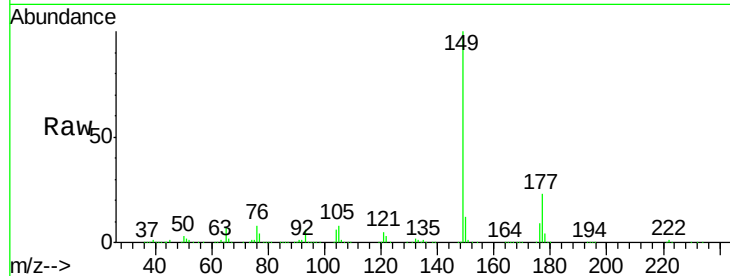
#59  
Diethylphthalate  
Concen: 38.58 ng  
RT: 10.33 min Scan# 699  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.6  | 17.5  | 26.3  |
| 150     | 11.9  | 9.4   | 14.2  |

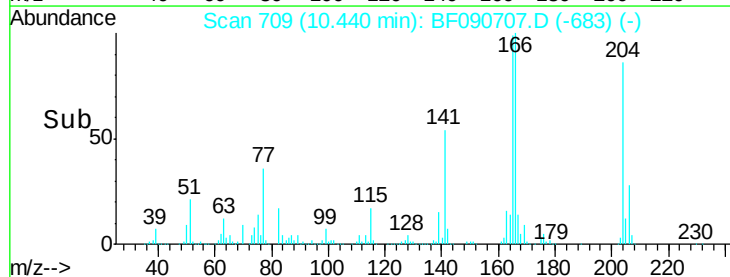
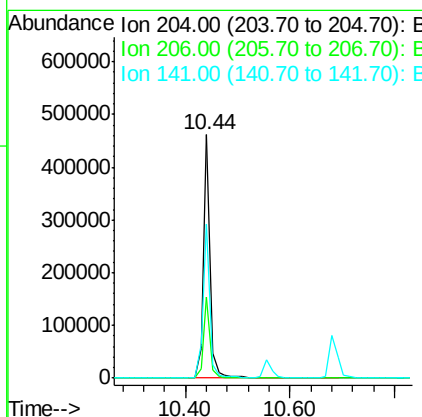
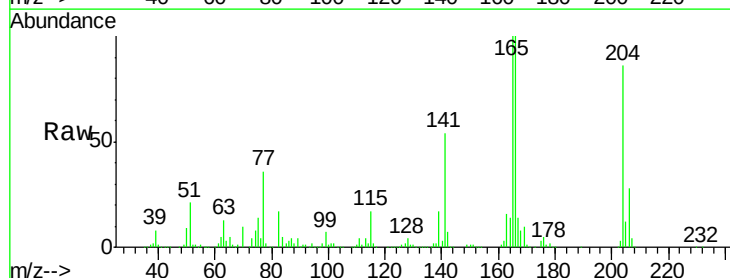
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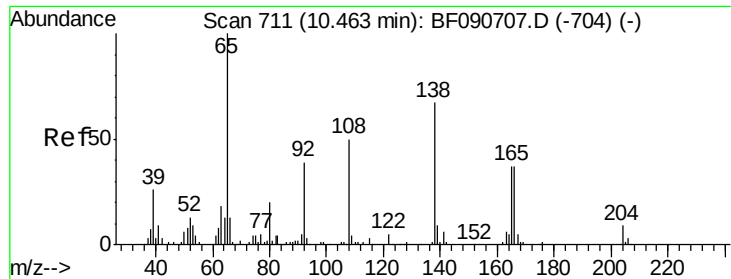
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#60  
4-Chlorophenyl-phenylether  
Concen: 38.86 ng  
RT: 10.44 min Scan# 709  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.2  | 24.8  | 37.2  |
| 141     | 63.1  | 42.2  | 63.4  |





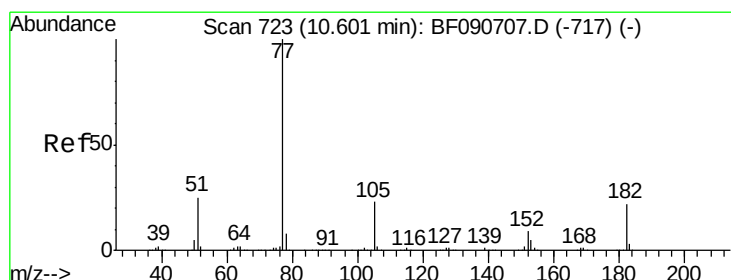
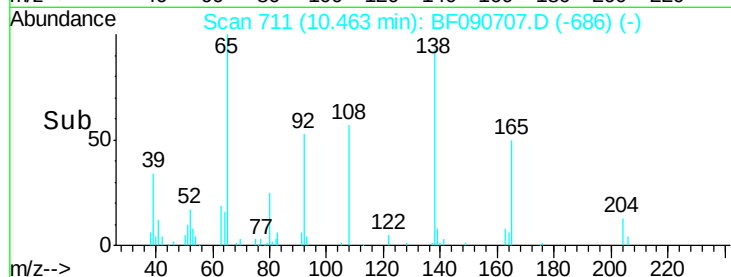
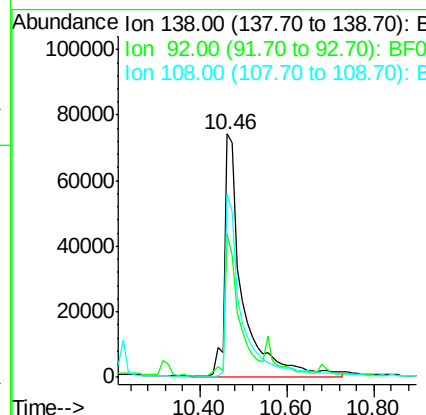
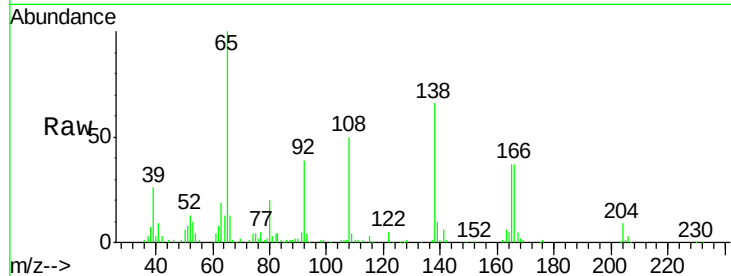
#61  
4-Nitroaniline  
Concen: 32.00 ng  
RT: 10.46 min Scan# 711  
Delta R.T. -0.01 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 59.0  | 12.6  | 52.6# |
| 108     | 75.1  | 12.4  | 52.4# |

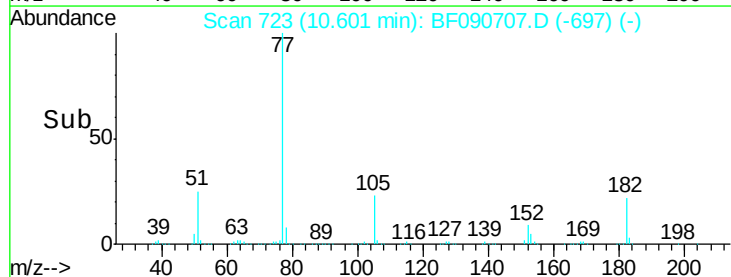
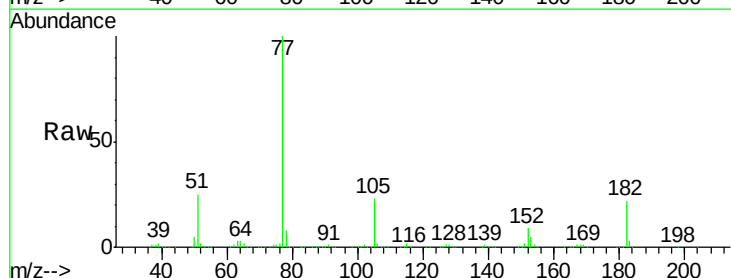
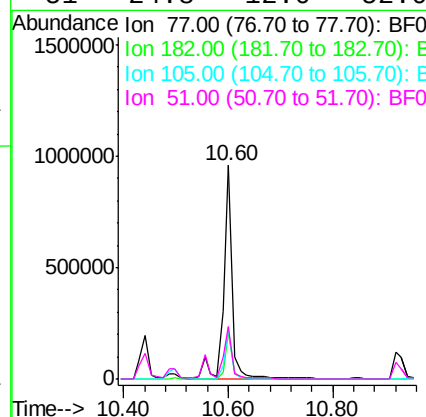
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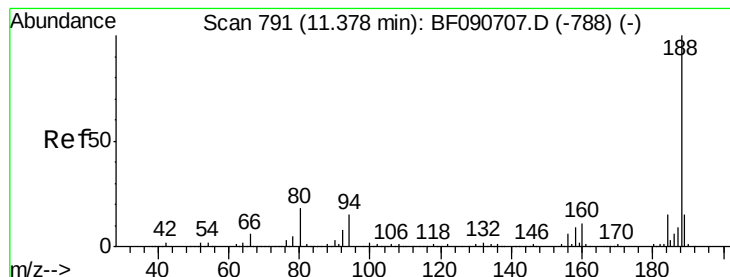
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#62  
Azobenzene  
Concen: 52.78 ng  
RT: 10.60 min Scan# 723  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 21.7  | 15.1  | 55.1  |
| 105     | 23.3  | 3.4   | 43.4  |
| 51      | 24.8  | 12.0  | 52.0  |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

Instrument :

BNA\_F

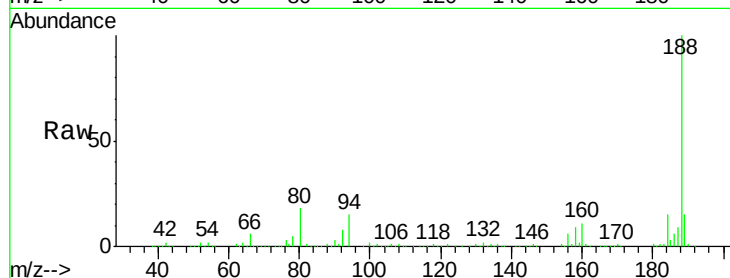
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 481050 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 15.0  | 11.1  | 16.7   |
| 80        | 18.0  | 11.0  | 16.4#  |

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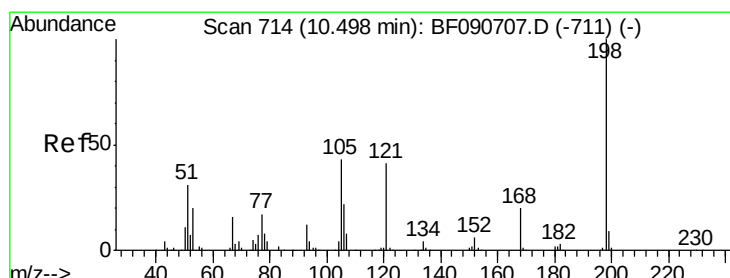
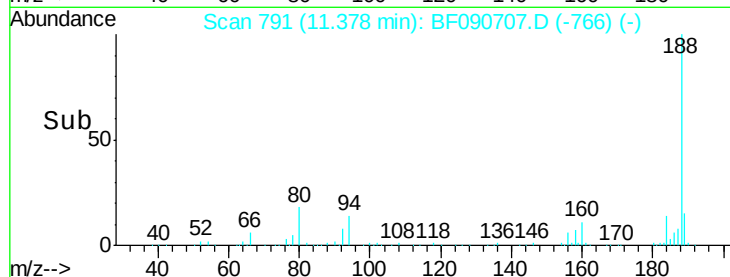


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time--> 11.20 11.40 11.60



#64

4,6-Dinitro-2-methylphenol

Concen: 40.30 ng

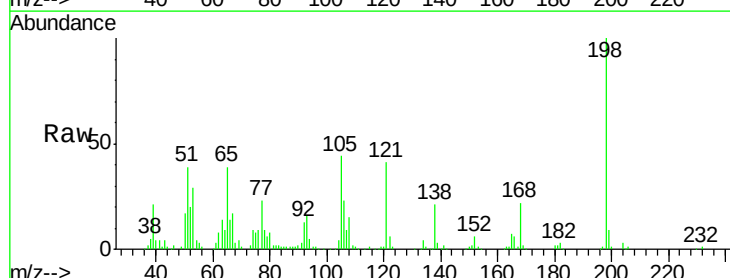
RT: 10.50 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 198   | Resp: | 116453 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 39.0  | 39.6  | 79.6#  |
| 105       | 43.7  | 28.5  | 68.5   |

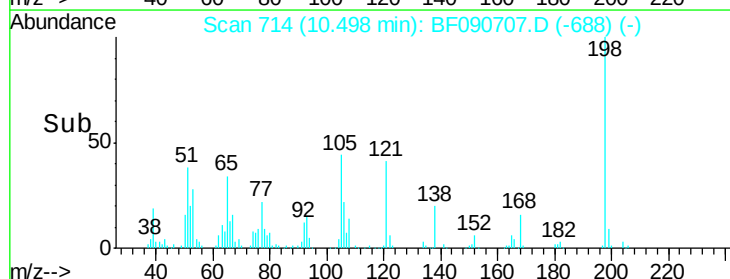


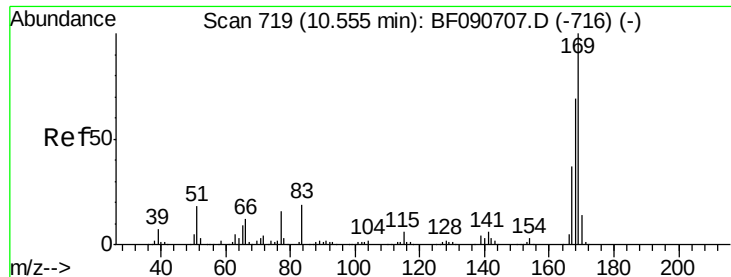
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time--> 10.40 10.50 10.60 10.70





#65

n-Nitrosodiphenylamine

Concen: 36.09 ng

RT: 10.55 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

Instrument :

BNA\_F

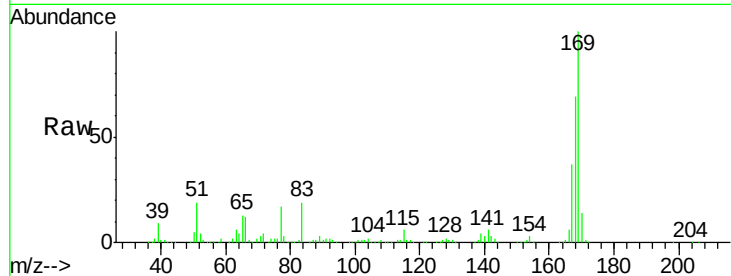
ClientSampleId :

SSTDICCC040

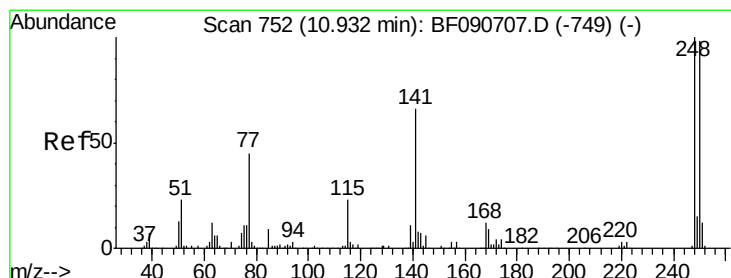
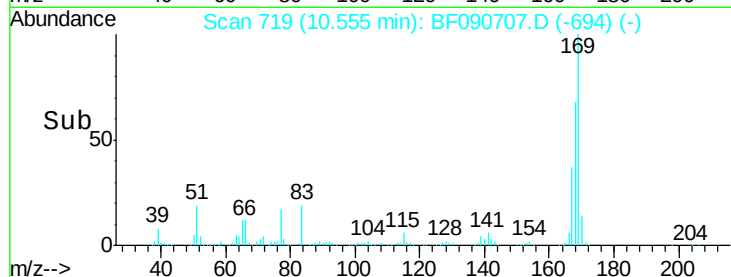
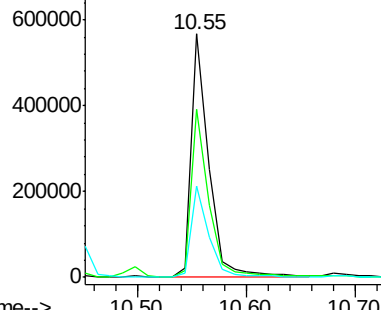
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 169  | Resp: | 640157 |
| Ion Ratio |      | Lower | Upper  |
| 169       | 100  |       |        |
| 168       | 69.0 | 48.9  | 73.3   |
| 167       | 37.4 | 26.2  | 39.4   |

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



#66

4-Bromophenyl-phenylether

Concen: 44.33 ng

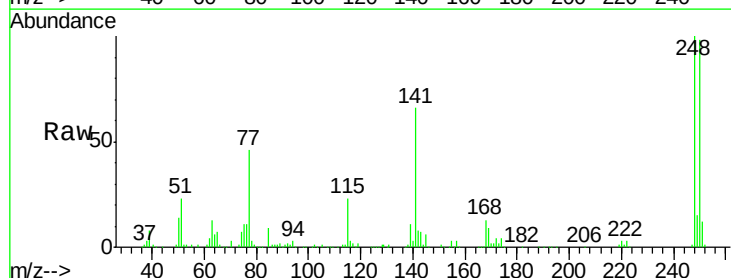
RT: 10.93 min Scan# 752

Delta R.T. 0.00 min

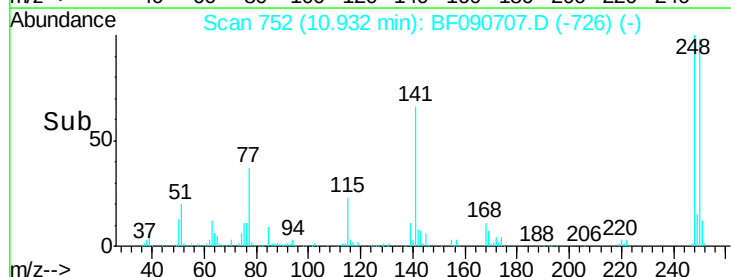
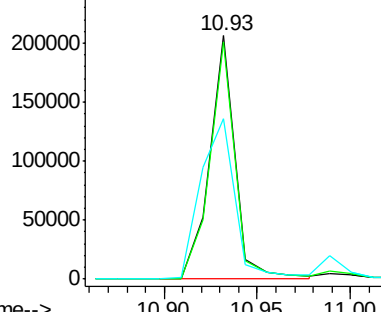
Lab File: BF090707.D

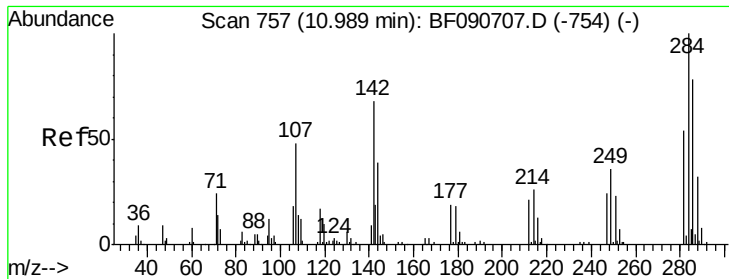
Acq: 21 Oct 2016 12:20

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 248  | Resp: | 197285 |
| Ion Ratio |      | Lower | Upper  |
| 248       | 100  |       |        |
| 250       | 97.6 | 78.5  | 117.7  |
| 141       | 66.1 | 59.0  | 88.6   |



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





#67

Hexachlorobenzene

Concen: 45.27 ng

RT: 10.99 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

Instrument :

BNA\_F

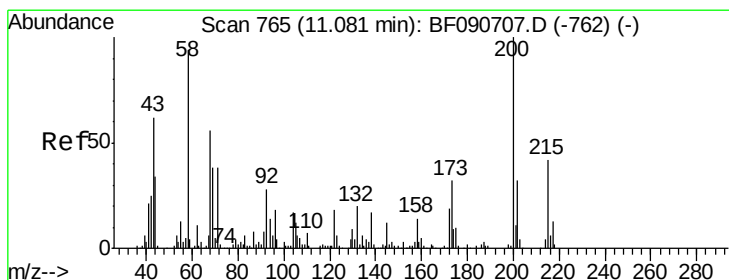
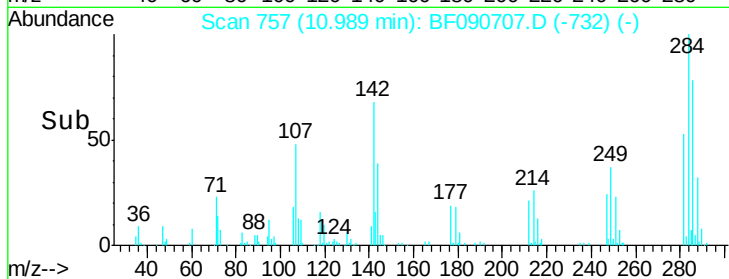
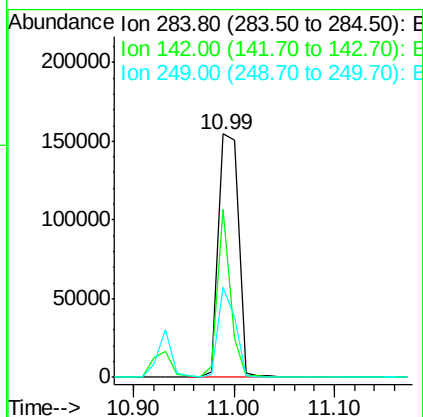
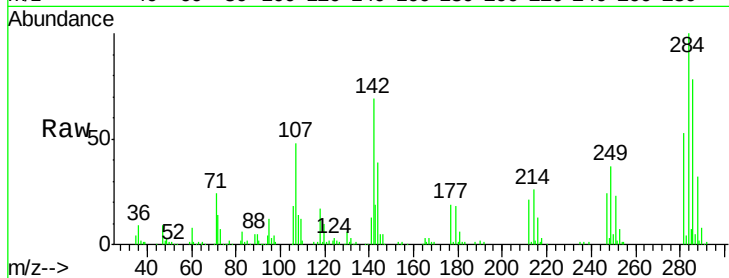
ClientSampleId :

SSTDICCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 284  | Resp: | 217009 |
| Ion Ratio |      | Lower | Upper  |
| 284       | 100  |       |        |
| 142       | 68.9 | 29.5  | 44.3#  |
| 249       | 36.8 | 19.5  | 29.3#  |

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#68

Atrazine

Concen: 40.82 ng

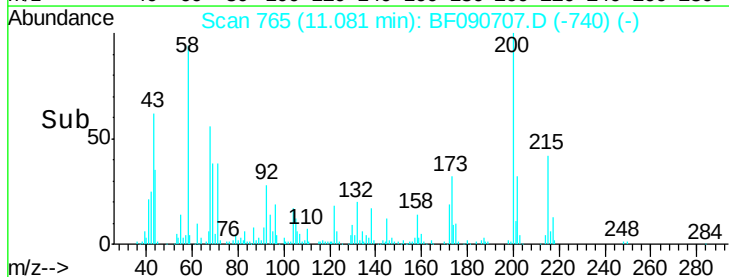
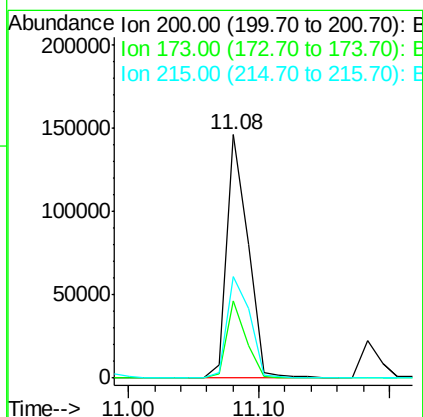
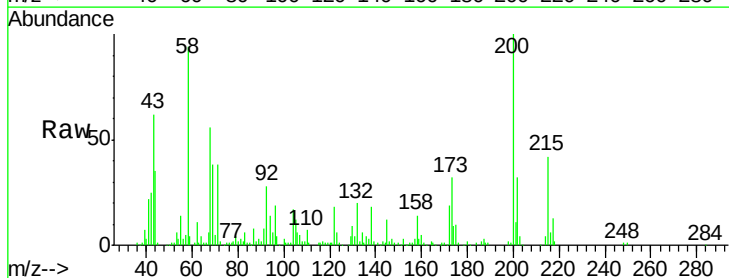
RT: 11.08 min Scan# 765

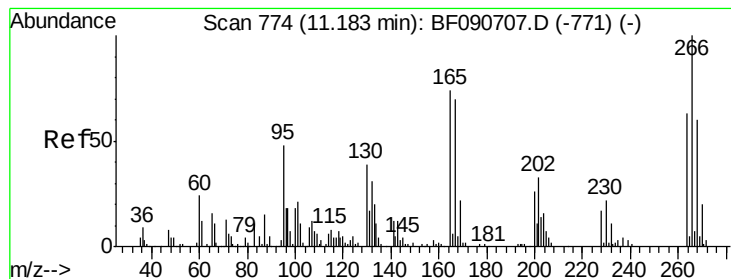
Delta R.T. -0.01 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 200  | Resp: | 166531 |
| Ion Ratio |      | Lower | Upper  |
| 200       | 100  |       |        |
| 173       | 31.8 | 13.2  | 53.2   |
| 215       | 41.7 | 41.8  | 81.8#  |





#69

Pentachlorophenol

Concen: 36.00 ng

RT: 11.18 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

Instrument :

BNA\_F

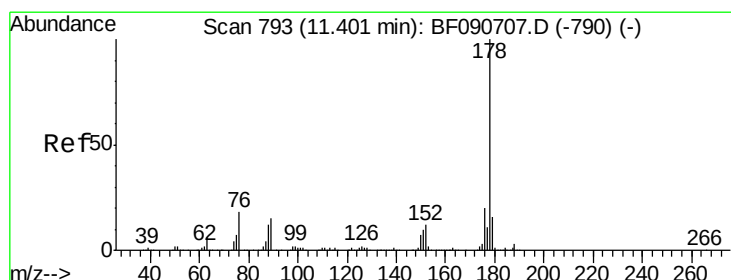
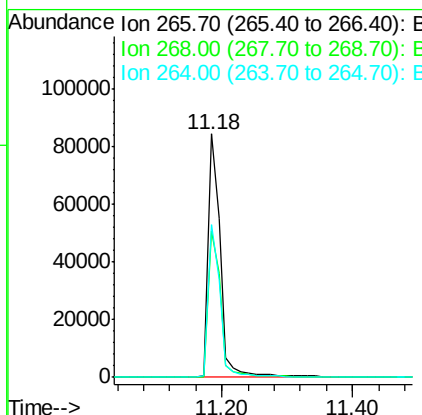
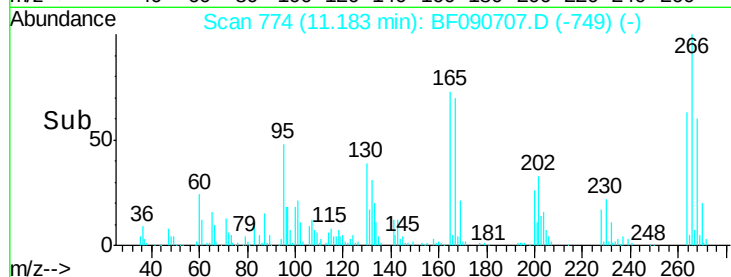
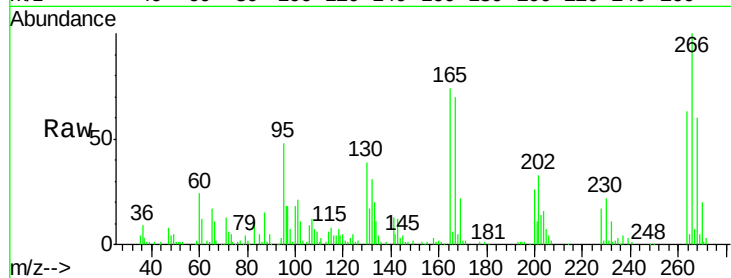
ClientSampleId :

SSTDICCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 266  | Resp: | 109478 |
| Ion Ratio |      | Lower | Upper  |
| 266       | 100  |       |        |
| 268       | 60.2 | 49.8  | 74.6   |
| 264       | 62.8 | 50.2  | 75.2   |

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#70

Phenanthrene

Concen: 33.39 ng

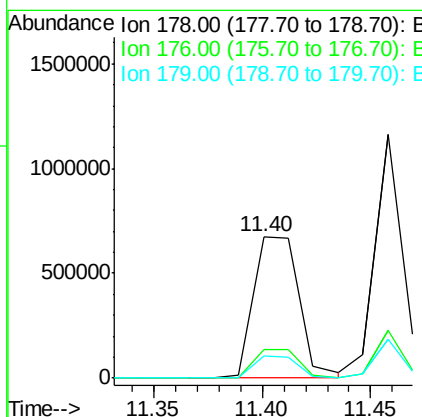
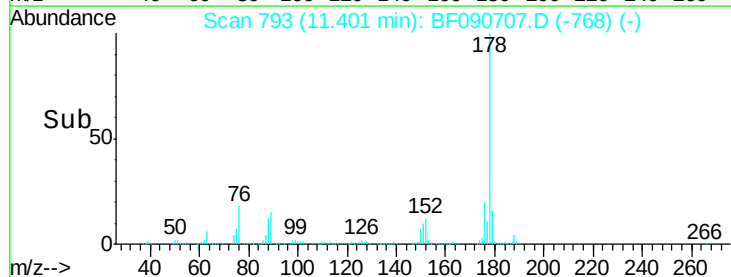
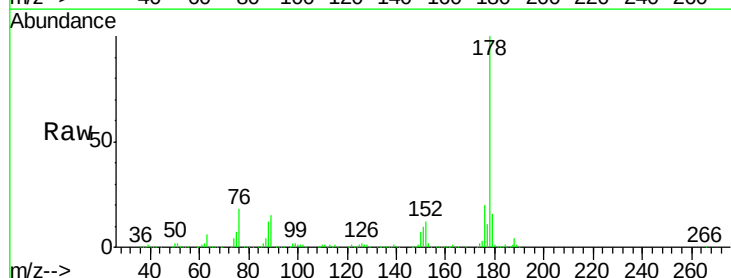
RT: 11.40 min Scan# 793

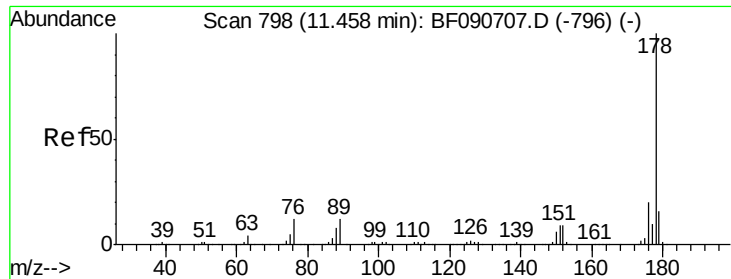
Delta R.T. -0.01 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 178  | Resp: | 991035 |
| Ion Ratio |      | Lower | Upper  |
| 178       | 100  |       |        |
| 176       | 19.9 | 13.8  | 20.8   |
| 179       | 15.9 | 12.2  | 18.2   |





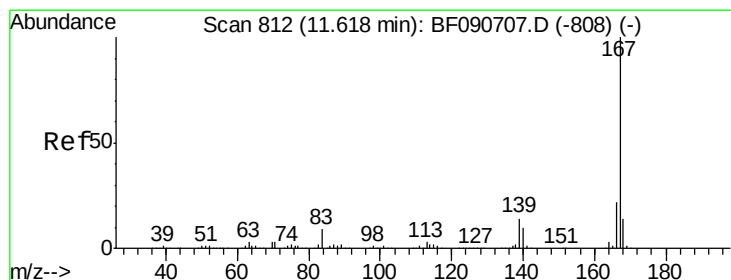
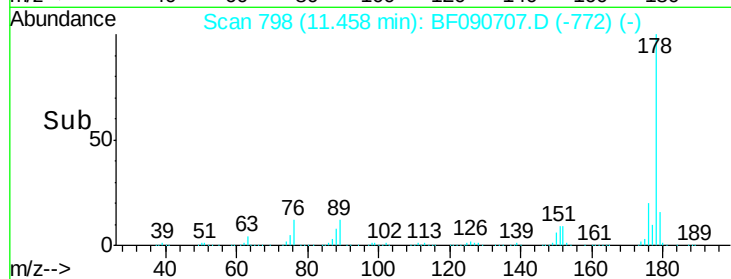
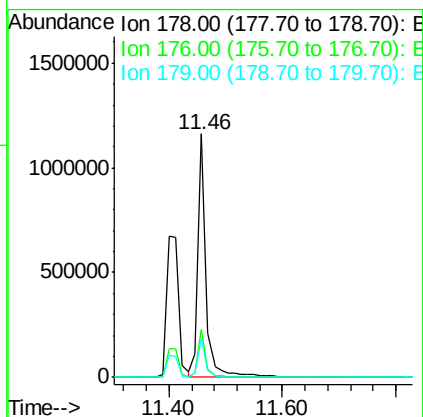
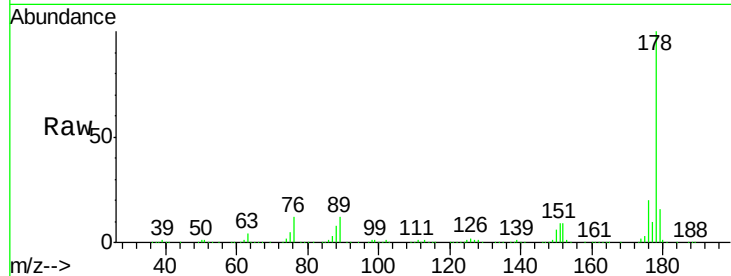
#71  
 Anthracene  
 Concen: 38.96 ng  
 RT: 11.46 min Scan# 798  
 Delta R.T. 0.00 min  
 Lab File: BF090707.D  
 Acq: 21 Oct 2016 12:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.8  | 14.1  | 21.1  |
| 179     | 16.0  | 12.2  | 18.2  |

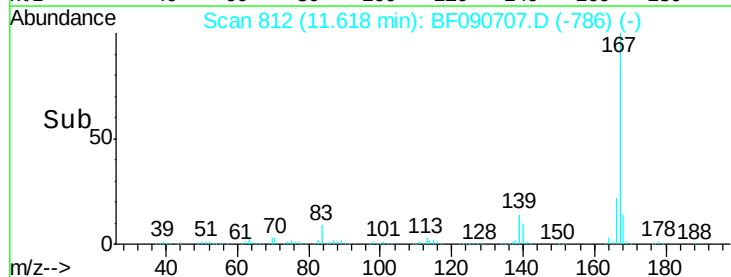
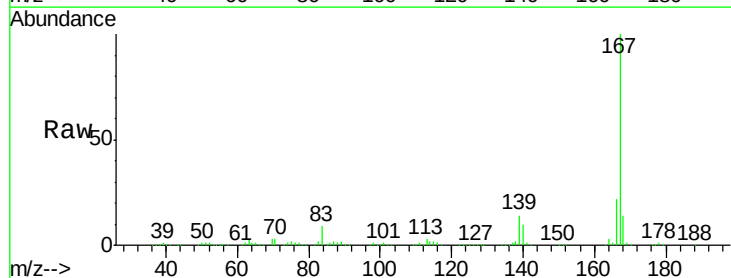
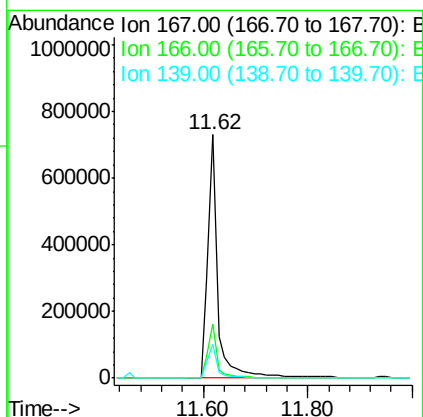
Manual Integrations  
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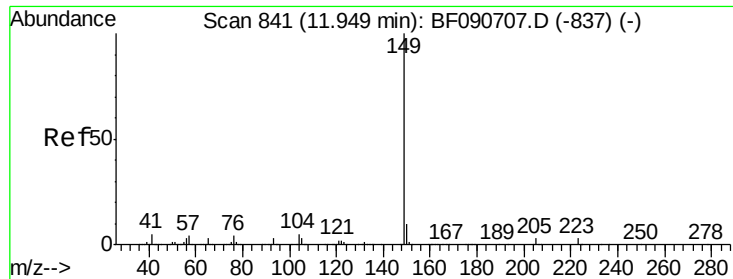


#72  
 Carbazole  
 Concen: 35.47 ng  
 RT: 11.62 min Scan# 812  
 Delta R.T. 0.00 min  
 Lab File: BF090707.D  
 Acq: 21 Oct 2016 12:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.4  | 15.7  | 23.5  |
| 139     | 13.7  | 9.5   | 14.3  |







#73

Di-n-butylphthalate

Concen: 40.78 ng

RT: 11.95 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1321747

Ion Ratio Lower Upper

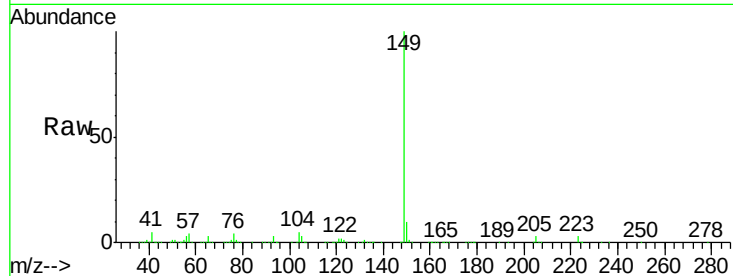
149 100

150 9.6 7.4 11.2

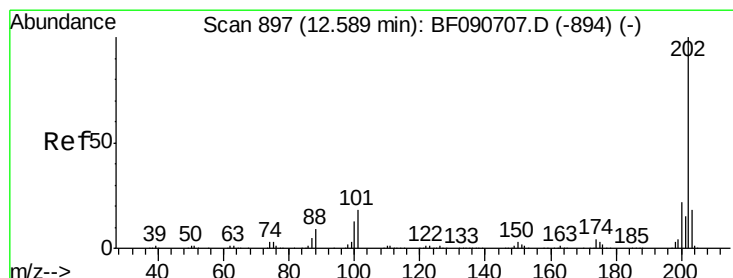
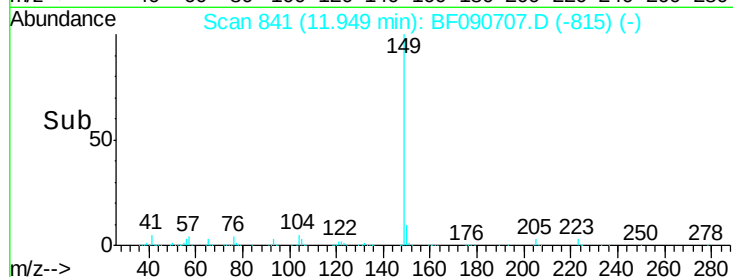
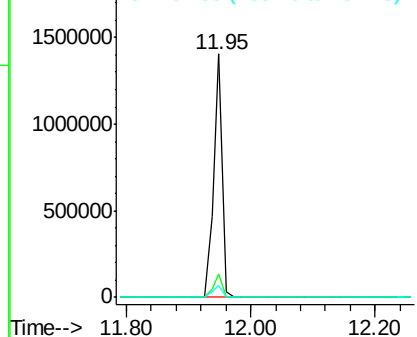
104 4.7 2.4 3.6#

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.62 ng

RT: 12.59 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

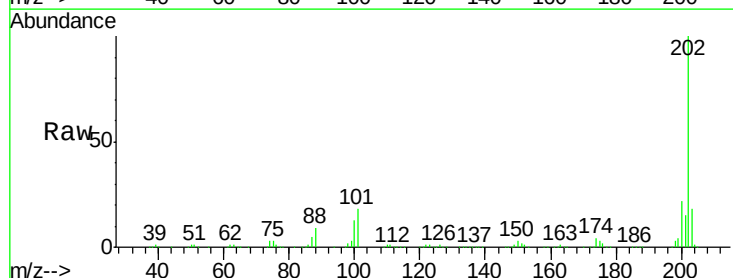
Tgt Ion:202 Resp: 951800

Ion Ratio Lower Upper

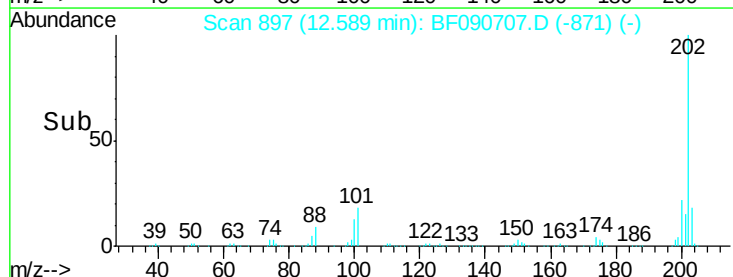
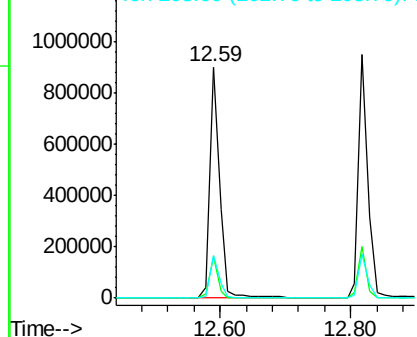
202 100

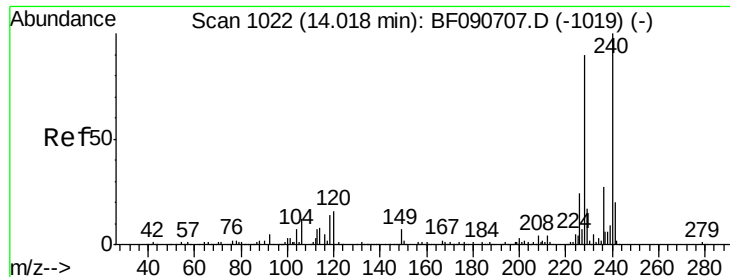
101 17.9 0.0 38.3

203 18.4 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

Instrument :

BNA\_F

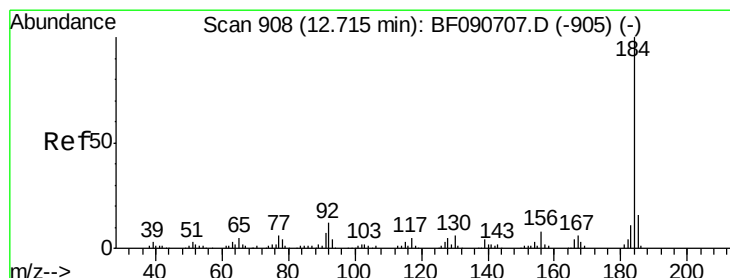
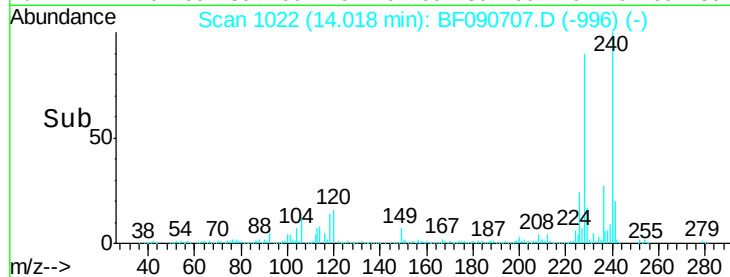
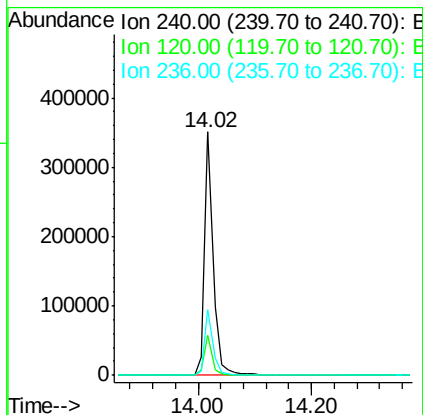
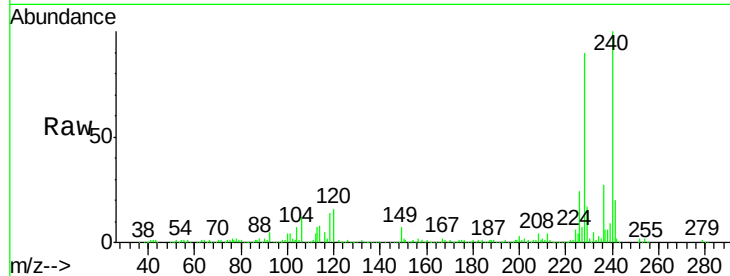
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 357673 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 16.3  | 16.2  | 24.2   |
| 236       | 26.8  | 18.4  | 27.6   |

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#76

Benzidine

Concen: 40.95 ng

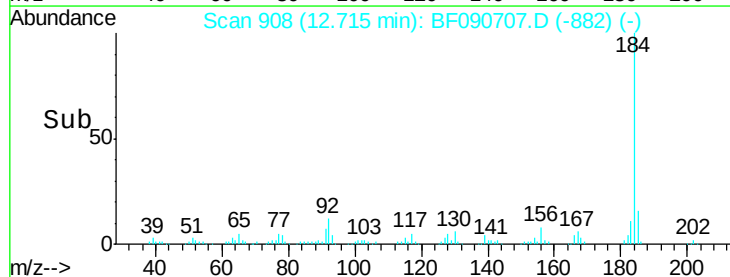
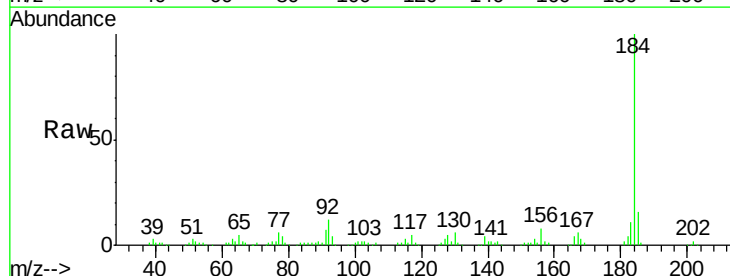
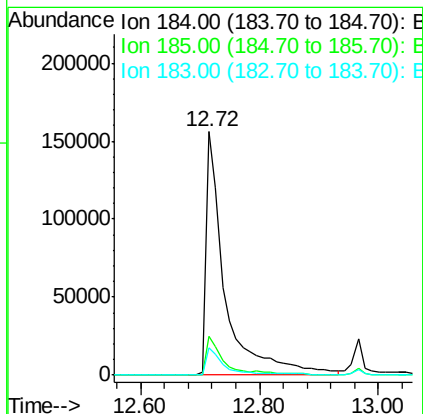
RT: 12.72 min Scan# 908

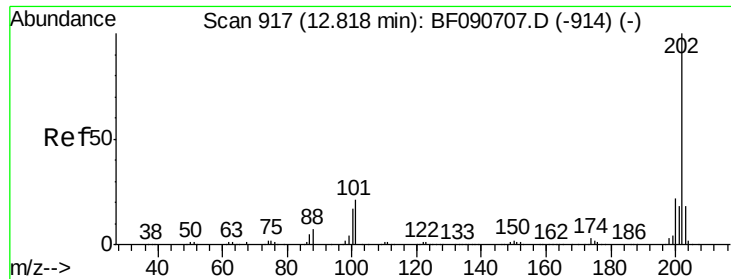
Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 348774 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 16.1  | 11.8  | 17.6   |
| 183       | 11.2  | 7.6   | 11.4   |





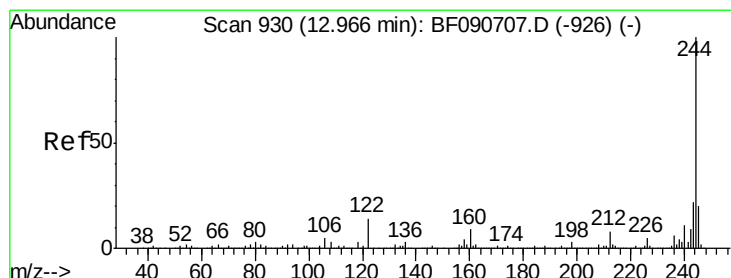
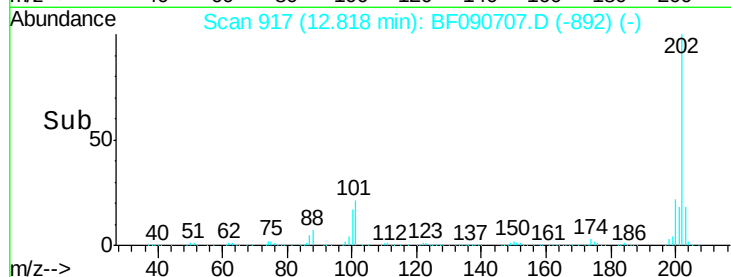
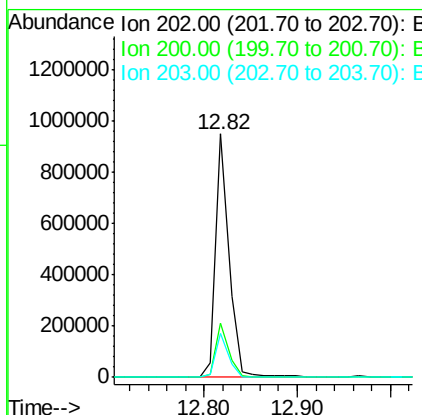
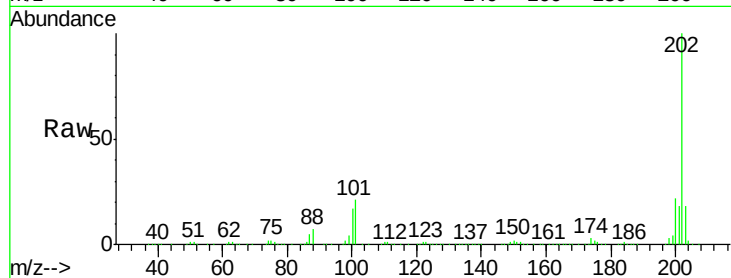
#77  
Pvrene  
Concen: 33.22 ng  
RT: 12.82 min Scan# 917  
Delta R.T. -0.01 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.2  | 15.0  | 22.4  |
| 203     | 18.2  | 14.1  | 21.1  |

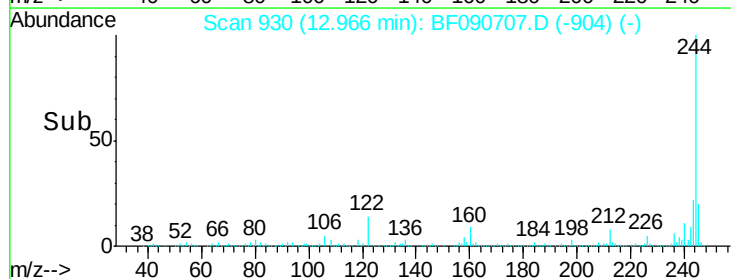
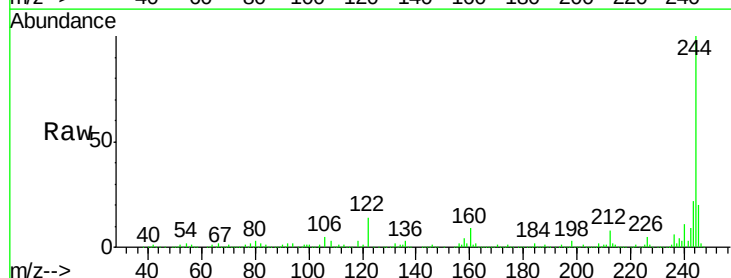
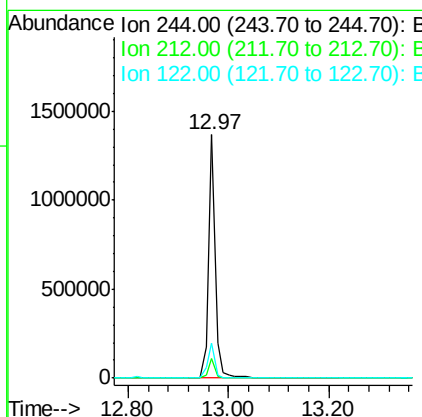
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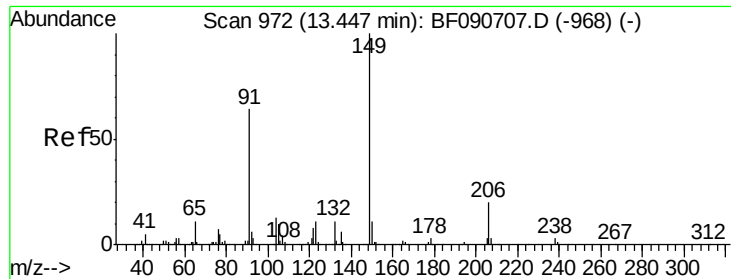
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#78  
Terphenyl-d14  
Concen: 71.26 ng  
RT: 12.97 min Scan# 930  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.8   | 4.3   | 6.5#  |
| 122     | 14.2  | 17.4  | 26.2# |





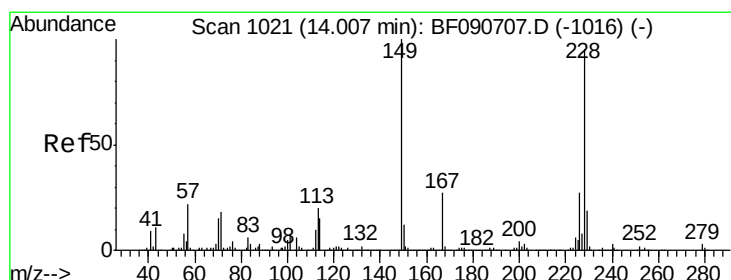
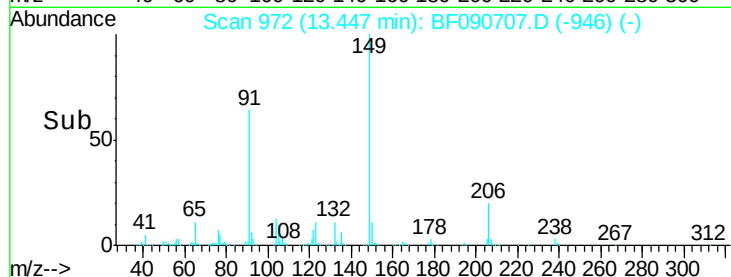
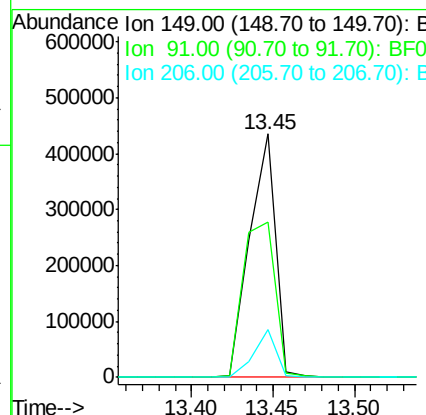
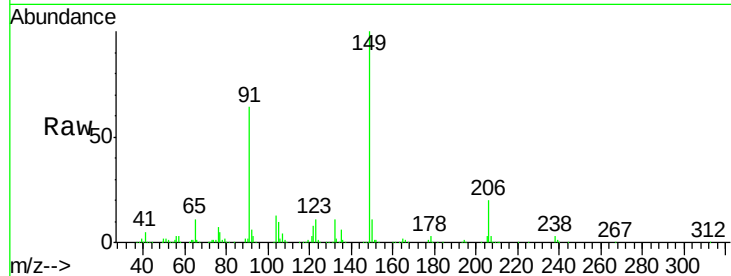
#79  
Butylbenzylphthalate  
Concen: 36.76 ng  
RT: 13.45 min Scan# 972  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 149     | 100  |       | 478981 |       |       |
| 91      | 63.5 | 48.6  | 72.8   |       |       |
| 206     | 19.5 | 14.9  | 22.3   |       |       |

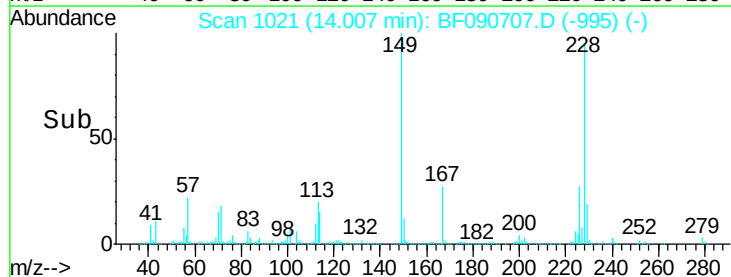
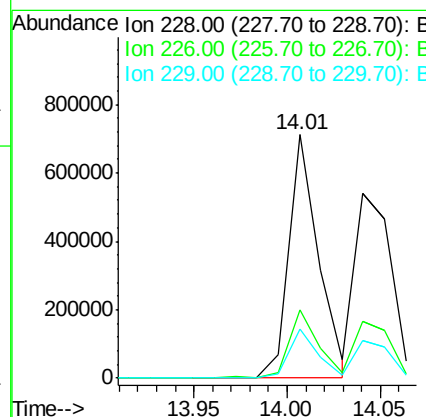
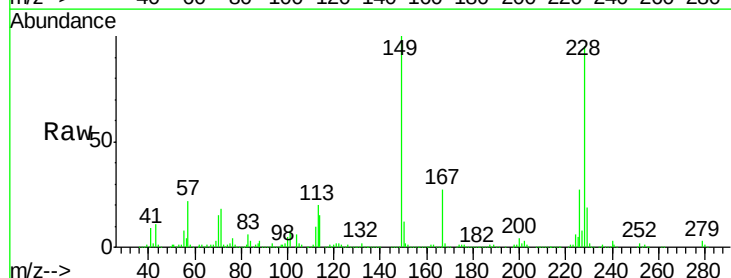
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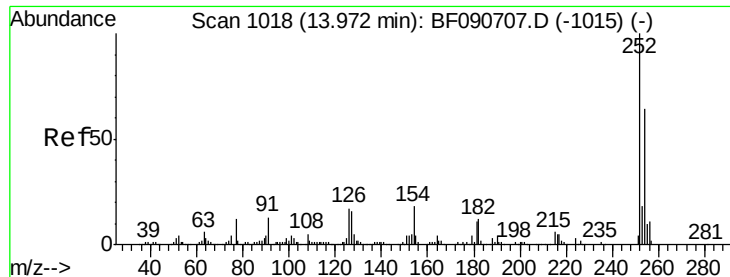
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#80  
Benzo(a)anthracene  
Concen: 36.61 ng  
RT: 14.01 min Scan# 1021  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 228     | 100  |       | 788194 |       |       |
| 226     | 28.2 | 20.0  | 30.0   |       |       |
| 229     | 20.2 | 15.4  | 23.2   |       |       |





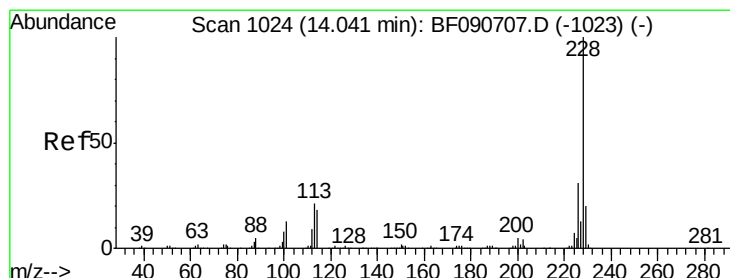
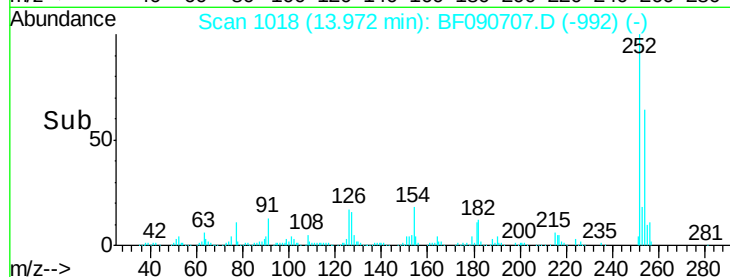
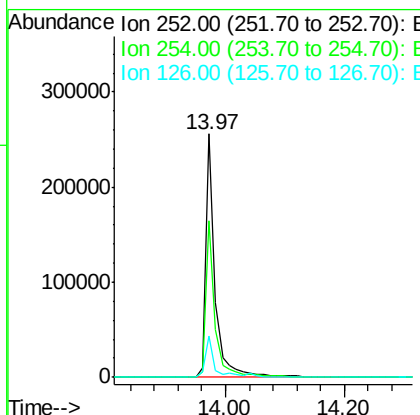
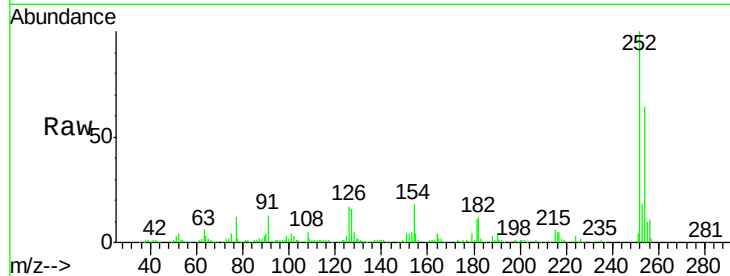
#81  
 3,3'-Dichlorobenzidine  
 Concen: 43.25 ng  
 RT: 13.97 min Scan# 1018  
 Delta R.T. 0.00 min  
 Lab File: BF090707.D  
 Acq: 21 Oct 2016 12:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 285076 |       |       |
| 254     | 64.1  |        | 51.4  | 77.2  |
| 126     | 17.0  |        | 16.4  | 24.6  |

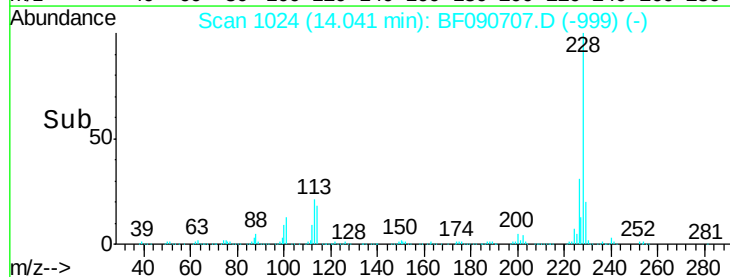
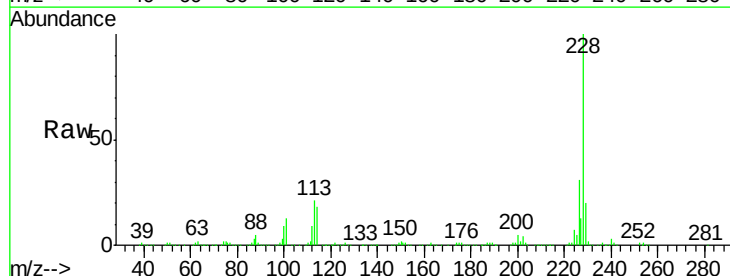
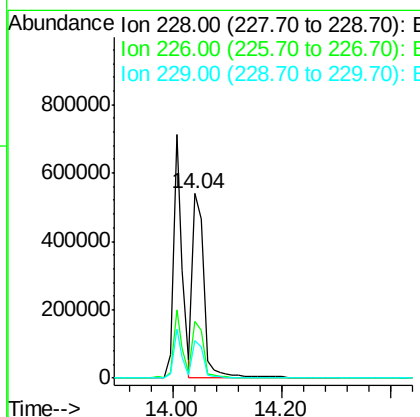
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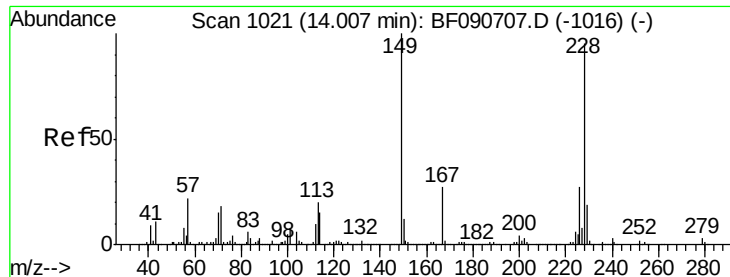
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#82  
 Chrysene  
 Concen: 37.84 ng  
 RT: 14.04 min Scan# 1024  
 Delta R.T. -0.01 min  
 Lab File: BF090707.D  
 Acq: 21 Oct 2016 12:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 791113 |       |       |
| 226     | 30.5  |        | 21.0  | 31.4  |
| 229     | 20.3  |        | 15.6  | 23.4  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.37 ng

RT: 14.01 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 708873  
Ion Ratio Lower Upper

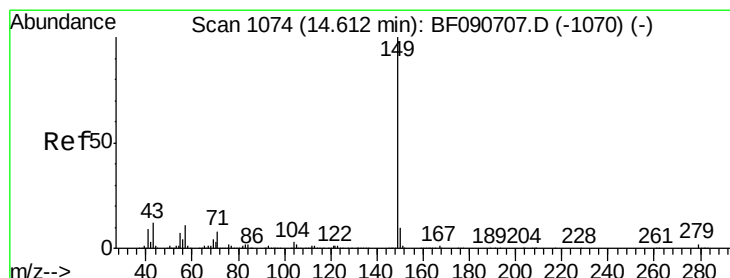
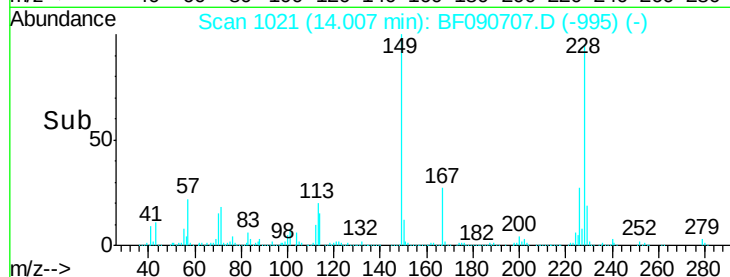
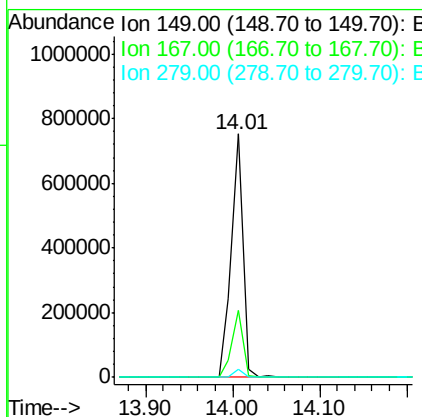
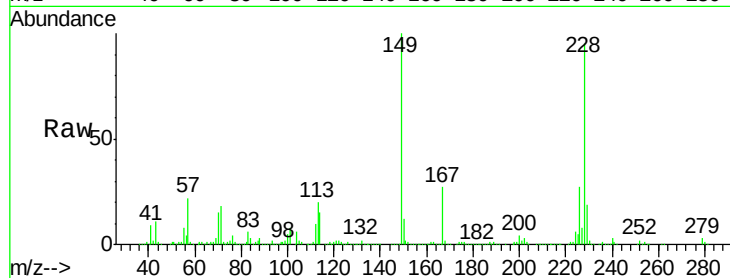
149 100

167 27.3 24.2 36.2

279 3.4 3.8 5.6#

Manual Integrations  
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#84

Di-n-octyl phthalate

Concen: 37.48 ng

RT: 14.61 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF090707.D

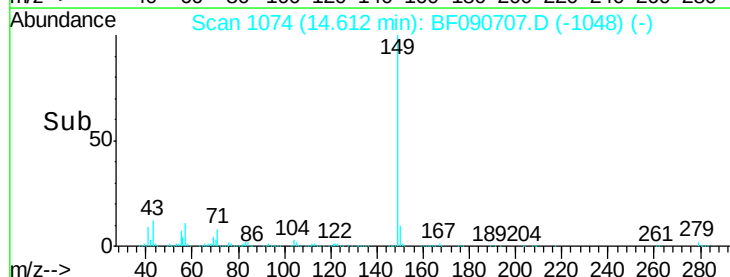
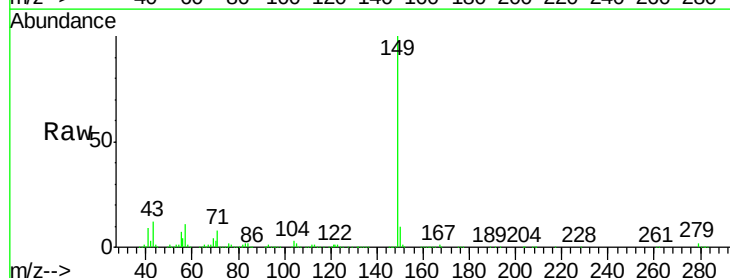
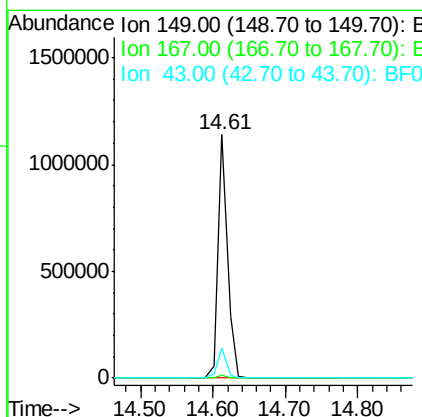
Acq: 21 Oct 2016 12:20

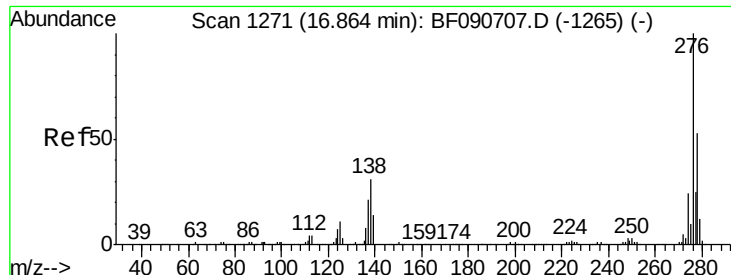
Tgt Ion:149 Resp: 1035558  
Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

43 11.6 10.2 15.2





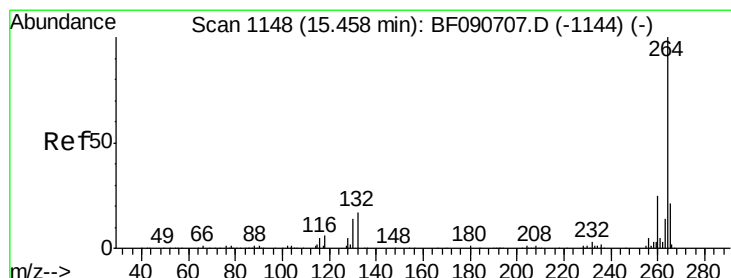
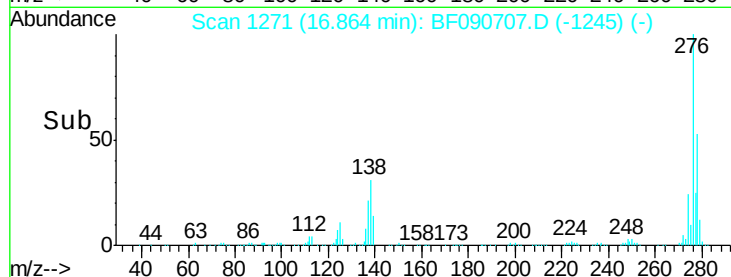
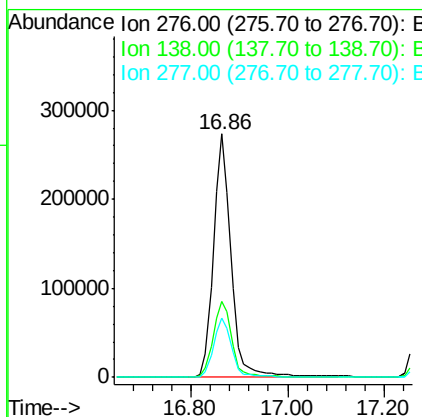
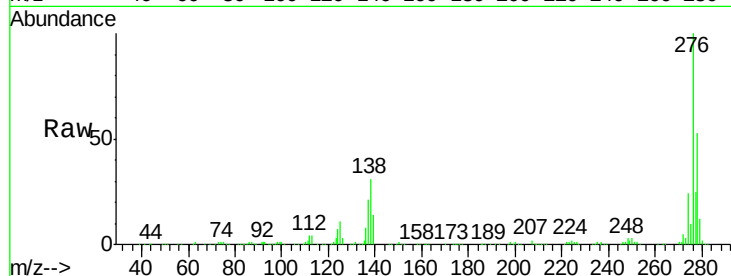
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.28 ng  
 RT: 16.86 min Scan# 1271  
 Delta R.T. 0.00 min  
 Lab File: BF090707.D  
 Acq: 21 Oct 2016 12:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 33.9  | 25.7  | 38.5  |
| 277     | 25.4  | 15.6  | 23.4  |

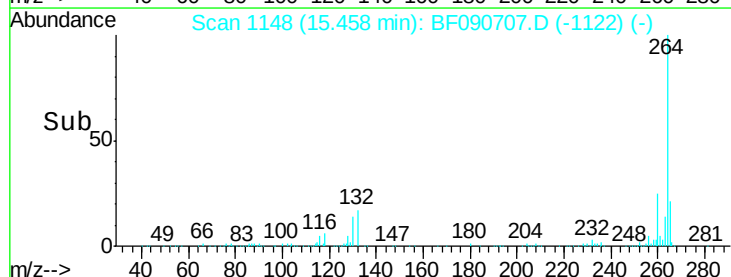
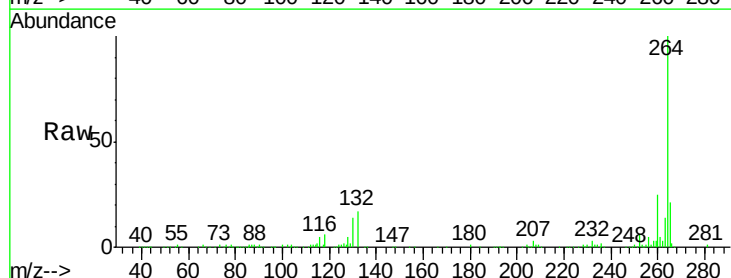
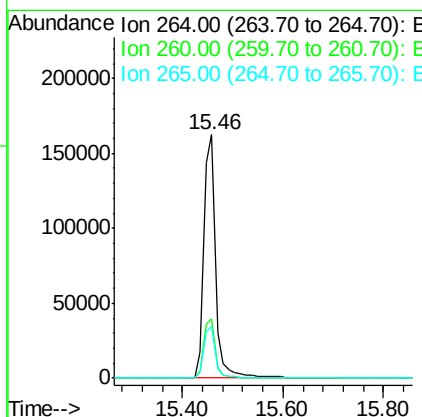
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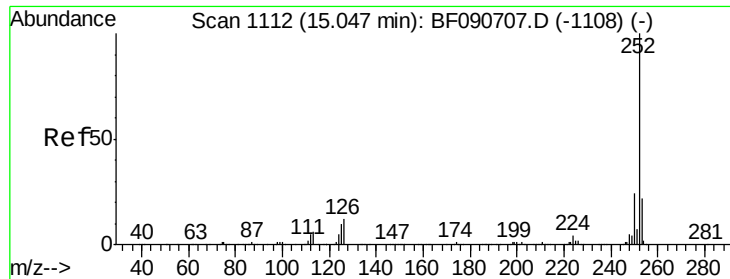
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.46 min Scan# 1148  
 Delta R.T. 0.00 min  
 Lab File: BF090707.D  
 Acq: 21 Oct 2016 12:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.5  | 16.7  | 25.1  |
| 265     | 21.4  | 17.2  | 25.8  |





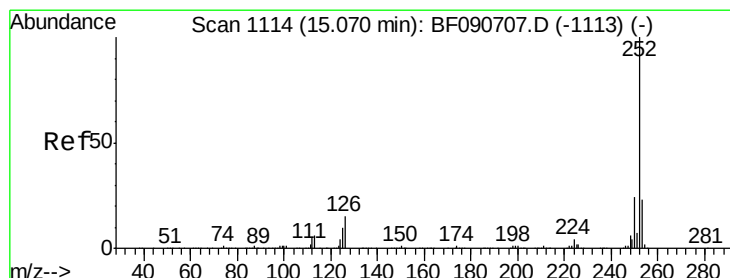
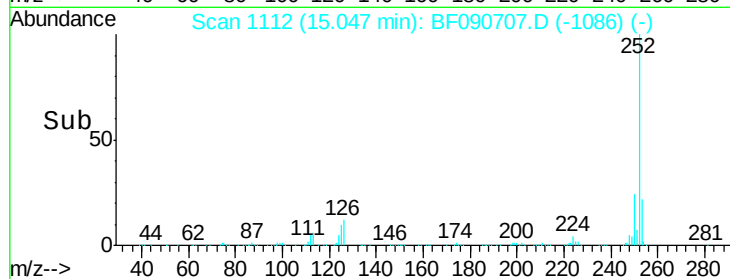
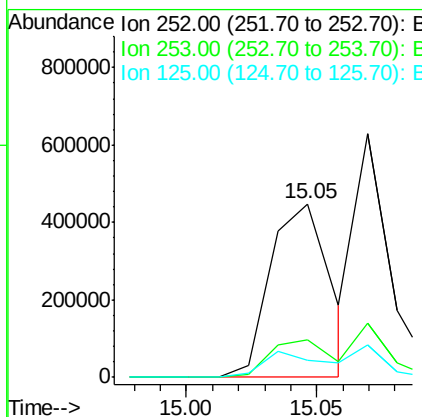
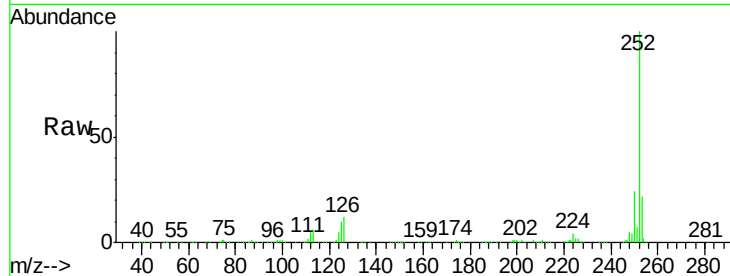
#87  
Benzo(b)fluoranthene  
Concen: 42.93 ng  
RT: 15.05 min Scan# 1112  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.5  | 26.3  |
| 125     | 9.6   | 17.1  | 25.7  |

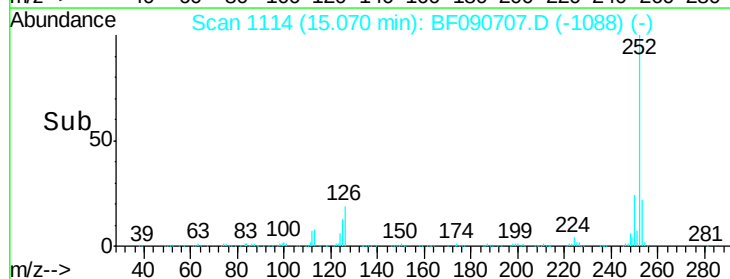
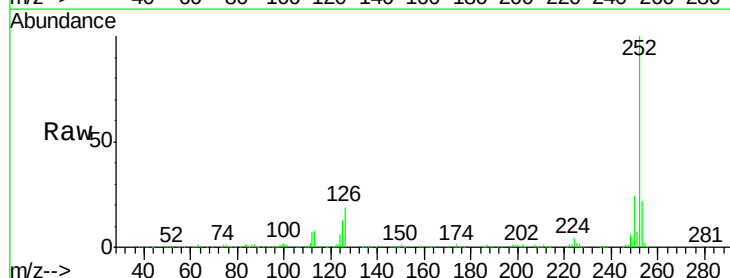
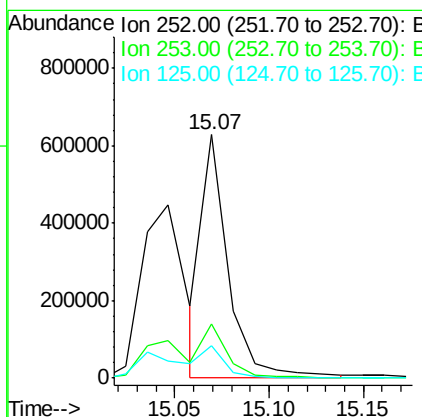
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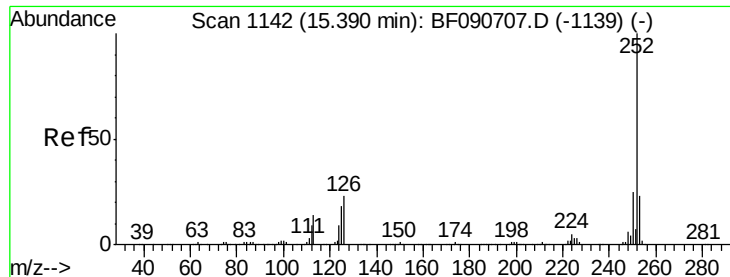


#88  
Benzo(k)fluoranthene  
Concen: 35.77 ng m  
RT: 15.07 min Scan# 1114  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 17.0  | 25.4  |
| 125     | 13.2  | 16.0  | 24.0  |







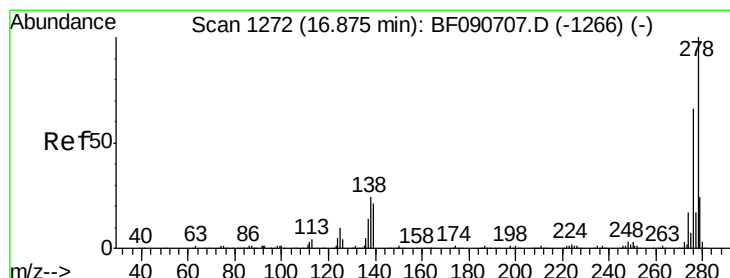
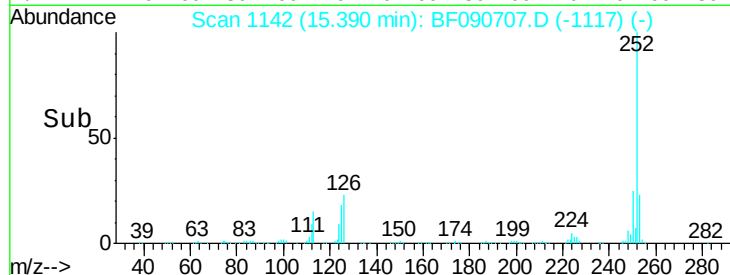
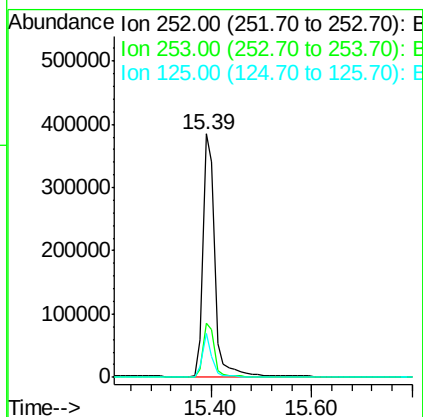
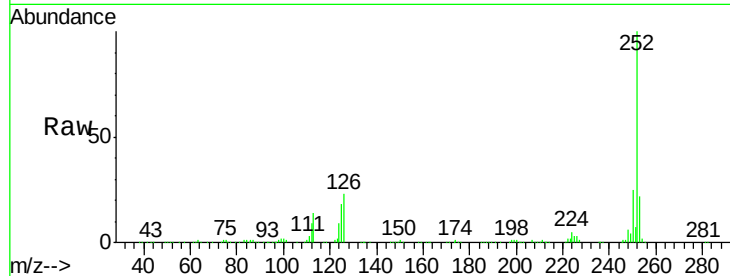
#89  
Benzo(a)pyrene  
Concen: 40.10 ng  
RT: 15.39 min Scan# 1142  
Delta R.T. -0.01 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.2  | 25.8  |
| 125     | 17.8  | 18.0  | 27.0  |

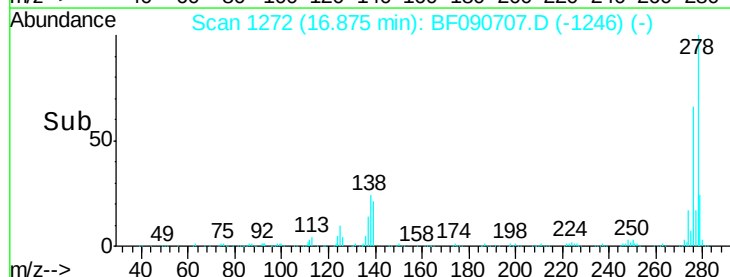
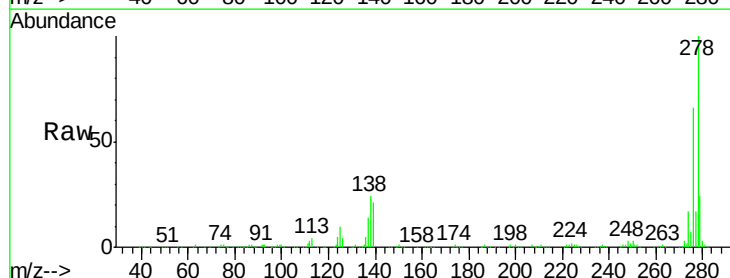
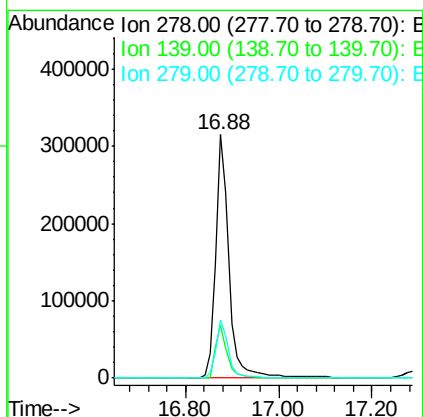
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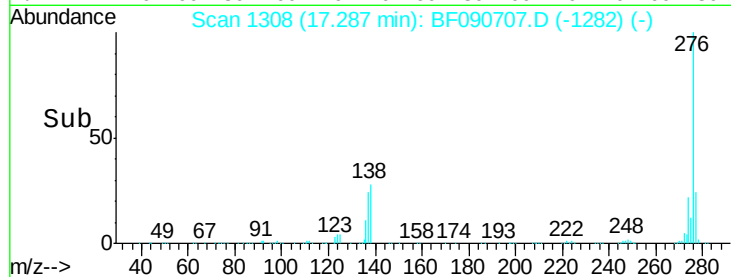
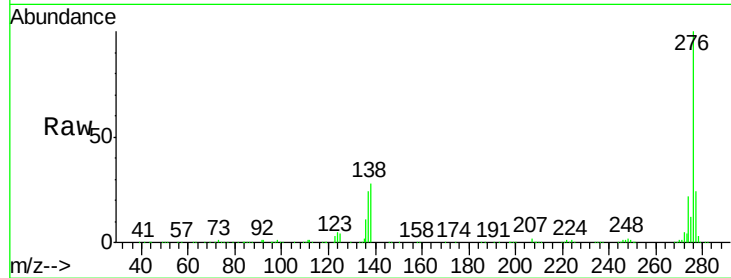
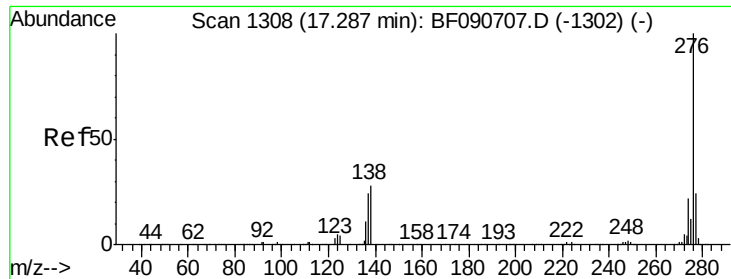
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#90  
Dibenzo(a,h)anthracene  
Concen: 46.32 ng  
RT: 16.88 min Scan# 1272  
Delta R.T. 0.00 min  
Lab File: BF090707.D  
Acq: 21 Oct 2016 12:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 21.5  | 26.3  | 39.5  |
| 279     | 23.9  | 18.2  | 27.4  |





#91

Benzo(a,h,i)perylene

Concen: 42.66 ng

RT: 17.29 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF090707.D

Acq: 21 Oct 2016 12:20

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 276  | Resp: | 589656 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 23.7 | 17.8  | 26.6   |
| 138       | 28.1 | 34.6  | 51.8#  |

Manual Integrations  
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