

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\  
 Data File : BF089892.D  
 Acq On : 25 Aug 2016 00:40  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

umangi  
 8/25/2016 6:49:51 PM

Quant Time: Aug 25 15:33:48 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 19 14:02:57 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.67  | 152  | 519995   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 7.95  | 136  | 1994927  | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 9.71  | 164  | 980959   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.19 | 188  | 1778529  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.83 | 240  | 1231537  | 20.00 | ng    | -0.05    |
| 86) Perylene-d12          | 15.27 | 264  | 1047406  | 20.00 | ng    | -0.10    |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.23  | 112 | 2405258 | 79.32 | ng | -0.02 |
| 7) Phenol-d6                | 6.31  | 99  | 3010237 | 80.87 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 7.24  | 82  | 2681072 | 83.49 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 10.49 | 330 | 743354  | 79.74 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 9.04  | 172 | 3765644 | 67.47 | ng | -0.01 |
| 78) Terphenyl-d14           | 12.78 | 244 | 3692478 | 67.83 | ng | -0.01 |

|                                |      |     |         |        |    |      |
|--------------------------------|------|-----|---------|--------|----|------|
| Target Compounds               |      |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.11 | 88  | 579703  | 38.63  | ng | 96   |
| 3) Pyridine                    | 2.74 | 79  | 1602142 | 40.71  | ng | 95   |
| 4) n-Nitrosodimethylamine      | 2.72 | 42  | 642070  | 43.82  | ng | # 85 |
| 6) Aniline                     | 6.33 | 93  | 1938896 | 38.83  | ng | # 78 |
| 8) 2-Chlorophenol              | 6.46 | 128 | 1473993 | 40.65  | ng | # 78 |
| 9) Benzaldehyde                | 6.20 | 77  | 860711  | 35.50  | ng | 92   |
| 10) Phenol                     | 6.33 | 94  | 1646531 | 37.74  | ng | # 74 |
| 11) bis(2-Chloroethyl)ether    | 6.41 | 93  | 1260667 | 37.27  | ng | 98   |
| 12) 1,3-Dichlorobenzene        | 6.60 | 146 | 1481194 | 39.07  | ng | 99   |
| 13) 1,4-Dichlorobenzene        | 6.68 | 146 | 1467652 | 37.66  | ng | 99   |
| 14) 1,2-Dichlorobenzene        | 6.84 | 146 | 1576136 | 43.33  | ng | 98   |
| 15) Benzyl Alcohol             | 6.82 | 79  | 1030964 | 41.77  | ng | 91   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.96 | 45  | 1645697 | 38.01  | ng | 92   |
| 17) 2-Methylphenol             | 6.94 | 107 | 1103825 | 38.87  | ng | 96   |
| 18) Hexachloroethane           | 7.19 | 117 | 587645  | 42.28  | ng | 97   |
| 19) n-Nitroso-di-n-propylamine | 7.11 | 70  | 943009  | 39.61  | ng | # 79 |
| 20) 3+4-Methylphenols          | 7.10 | 107 | 1383233 | 39.72  | ng | # 56 |
| 22) Acetophenone               | 7.08 | 105 | 1718840 | 37.52  | ng | # 88 |
| 24) Nitrobenzene               | 7.26 | 77  | 1268203 | 35.20  | ng | 99   |
| 25) Isophorone                 | 7.51 | 82  | 2583711 | 39.89  | ng | # 89 |
| 26) 2-Nitrophenol              | 7.58 | 139 | 839861  | 46.72  | ng | 93   |
| 27) 2,4-Dimethylphenol         | 7.62 | 122 | 1253740 | 38.70  | ng | 97   |
| 28) bis(2-Chloroethoxy)methane | 7.72 | 93  | 1756009 | 43.82  | ng | # 95 |
| 29) 2,4-Dichlorophenol         | 7.82 | 162 | 1107612 | 40.75  | ng | 95   |
| 30) 1,2,4-Trichlorobenzene     | 7.90 | 180 | 1207714 | 40.17  | ng | 99   |
| 31) Naphthalene                | 7.98 | 128 | 3449110 | 36.99  | ng | 98   |
| 32) Benzoic acid               | 7.76 | 122 | 940420  | 37.25  | ng | 89   |
| 33) 4-Chloroaniline            | 8.03 | 127 | 1787250 | 44.22  | ng | # 94 |
| 34) Hexachlorobutadiene        | 8.10 | 225 | 599874  | 38.10  | ng | 100  |
| 35) Caprolactam                | 8.42 | 113 | 354031  | 42.77  | ng | 100  |
| 36) 4-Chloro-3-methylphenol    | 8.52 | 107 | 1248994 | 42.42  | ng | 91   |
| 37) 2-Methylnaphthalene        | 8.67 | 142 | 2676151 | 44.37  | ng | 99   |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.83 | 216 | 1188061 | 37.40  | ng | # 96 |
| 40) Hexachlorocyclopentadiene  | 8.83 | 237 | 495139  | 44.90  | ng | 98   |

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 Misc :  
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Instrument :  
 BNA\_F  
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Manual Integrations  
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Quant Time: Aug 25 15:33:48 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 19 14:02:57 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.95  | 196  | 769303   | 38.50 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 8.99  | 196  | 834786   | 42.00 | nq #  | 92       |
| 45) 1,1'-Biphenyl              | 9.14  | 154  | 3206701  | 42.24 | nq    | 94       |
| 46) 2-Chloronaphthalene        | 9.15  | 162  | 2292274  | 38.20 | nq    | 99       |
| 47) 2-Nitroaniline             | 9.26  | 65   | 777451   | 45.42 | nq #  | 84       |
| 48) Acenaphthylene             | 9.56  | 152  | 3666666  | 40.66 | nq    | 99       |
| 49) Dimethylphthalate          | 9.45  | 163  | 2907620  | 42.10 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.51  | 165  | 686134   | 43.03 | nq #  | 68       |
| 51) Acenaphthene               | 9.75  | 154  | 2584879  | 43.31 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.67  | 138  | 755188   | 42.75 | nq    | 92       |
| 53) 2,4-Dinitrophenol          | 9.77  | 184  | 264054   | 37.29 | nq #  | 74       |
| 54) Dibenzofuran               | 9.92  | 168  | 3054009  | 40.74 | nq #  | 87       |
| 55) 4-Nitrophenol              | 9.83  | 139  | 561651   | 38.95 | nq    | 93       |
| 56) 2,4-Dinitrotoluene         | 9.90  | 165  | 790164   | 38.19 | nq #  | 66       |
| 57) Fluorene                   | 10.25 | 166  | 2325464  | 38.93 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.03 | 232  | 612787   | 42.36 | nq    | 98       |
| 59) Diethylphthalate           | 10.15 | 149  | 2771153  | 39.49 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.25 | 204  | 998641   | 36.65 | nq    | 93       |
| 61) 4-Nitroaniline             | 10.28 | 138  | 828657   | 50.03 | nq    | 92       |
| 62) Azobenzene                 | 10.41 | 77   | 2483132  | 37.64 | nq    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 10.31 | 198  | 407309   | 39.85 | nq    | 88       |
| 65) n-Nitrosodiphenylamine     | 10.38 | 169  | 2373285  | 42.44 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.74 | 248  | 749946   | 40.22 | nq #  | 84       |
| 67) Hexachlorobenzene          | 10.80 | 284  | 774048   | 36.39 | nq #  | 83       |
| 68) Atrazine                   | 10.90 | 200  | 642357   | 37.51 | nq    | 96       |
| 69) Pentachlorophenol          | 10.99 | 266  | 502275   | 41.66 | nq    | 97       |
| 70) Phenanthrene               | 11.21 | 178  | 3489200  | 38.84 | nq    | 96       |
| 71) Anthracene                 | 11.26 | 178  | 3697957  | 40.50 | nq    | 99       |
| 72) Carbazole                  | 11.42 | 167  | 3169562  | 38.70 | nq    | 98       |
| 73) Di-n-butylphthalate        | 11.77 | 149  | 4398637  | 42.93 | nq #  | 98       |
| 74) Fluoranthene               | 12.39 | 202  | 3291988  | 38.53 | nq    | 93       |
| 76) Benzidine                  | 12.51 | 184  | 1730626  | 43.42 | nq    | 98       |
| 77) Pyrene                     | 12.62 | 202  | 3464723  | 34.55 | nq    | 96       |
| 79) Butylbenzylphthalate       | 13.26 | 149  | 1810940  | 39.98 | nq    | 89       |
| 80) Benzo(a)anthracene         | 13.82 | 228  | 2908948  | 41.25 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 13.79 | 252  | 1207879  | 52.24 | nq #  | 96       |
| 82) Chrysene                   | 13.86 | 228  | 2822145  | 46.67 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 13.84 | 149  | 2577517  | 41.31 | nq #  | 100      |
| 84) Di-n-octyl phthalate       | 14.49 | 149  | 4258552  | 51.36 | nq #  | 94       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.55 | 276  | 2785645  | 36.11 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 14.89 | 252  | 2397946  | 41.62 | nq    | 97       |
| 88) Benzo(k)fluoranthene       | 14.93 | 252  | 2421933m | 46.33 | nq    |          |
| 89) Benzo(a)pyrene             | 15.21 | 252  | 2275244  | 41.72 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.57 | 278  | 2268865  | 38.33 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 16.94 | 276  | 2394519  | 38.41 | nq    | 99       |

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

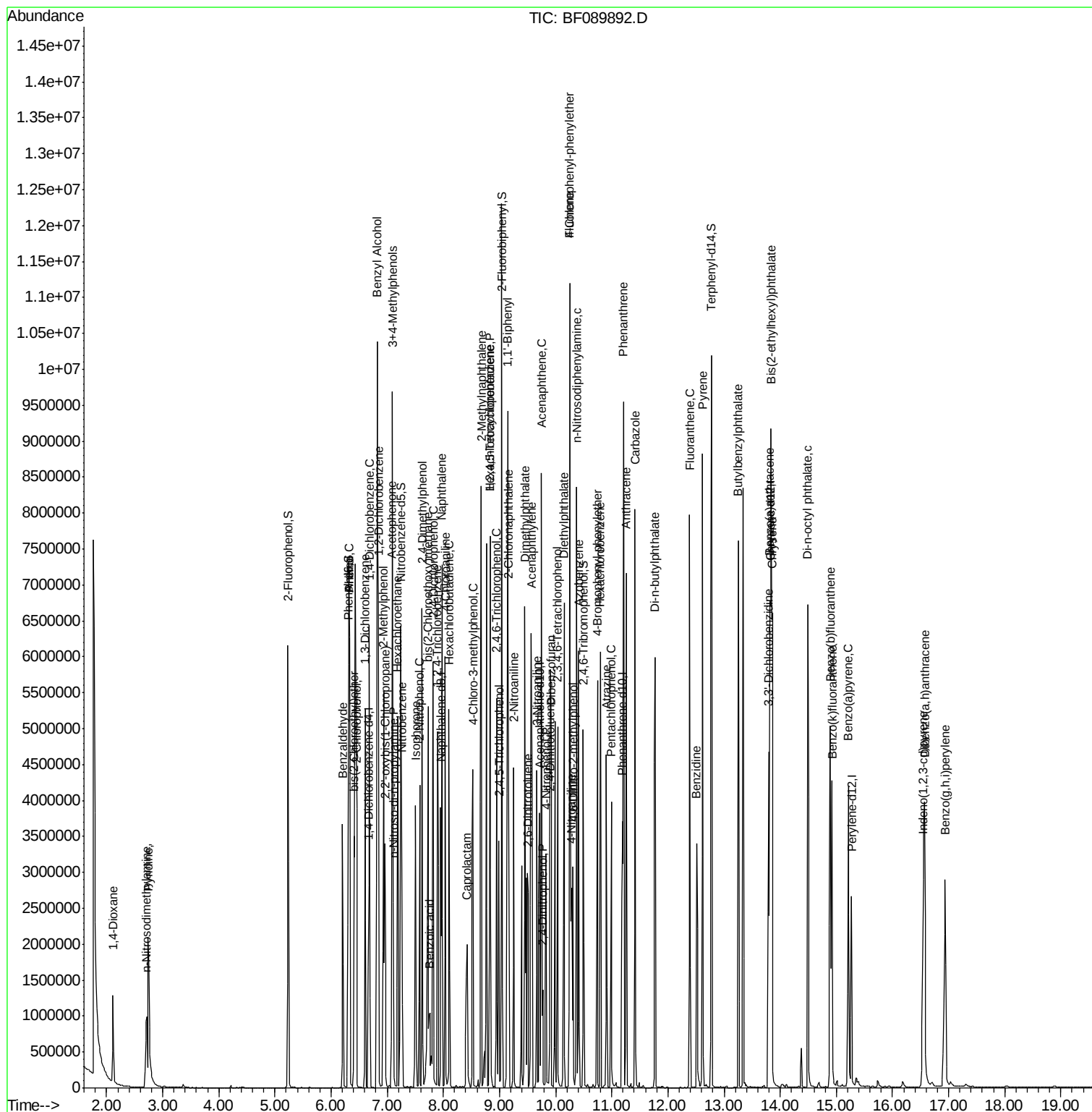
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\  
 Data File : BF089892.D  
 Acq On : 25 Aug 2016 00:40  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

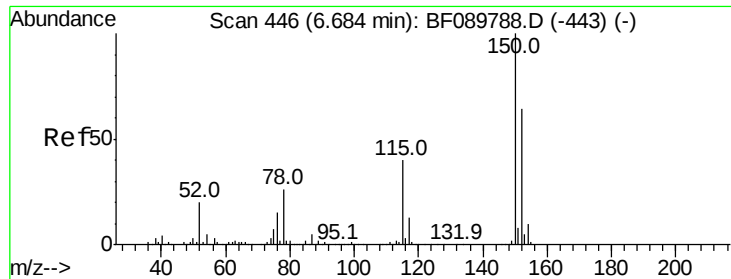
Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDCCC040

Manual Integrations  
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Quant Time: Aug 25 15:33:48 2016  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA\_F

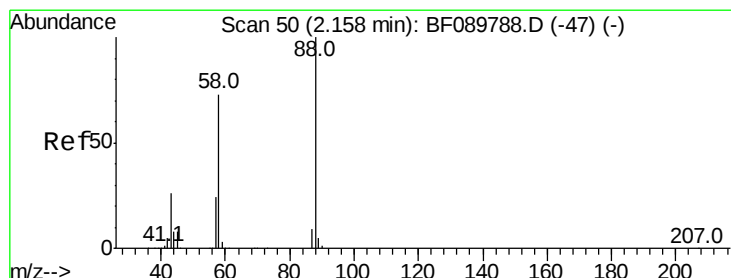
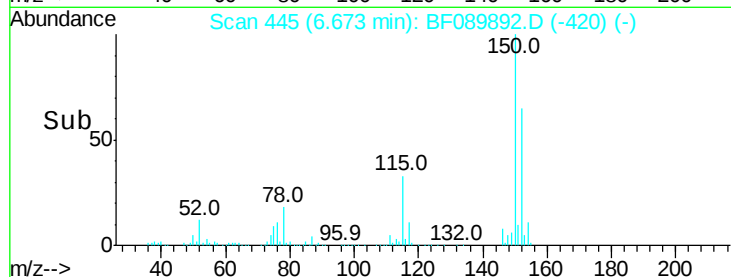
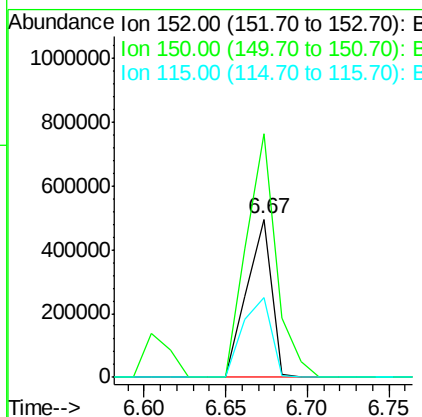
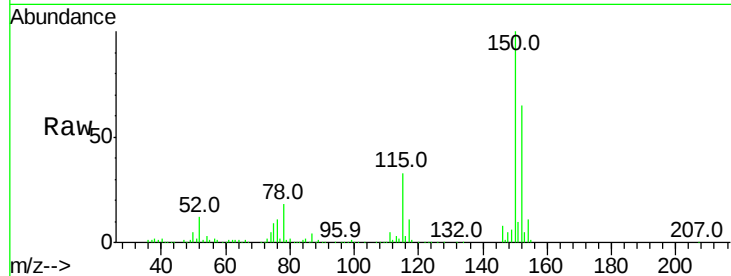
ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 152   | Resp: | 519995 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 150      | 154.2 | 125.3 | 187.9  |
| 115      | 50.3  | 40.9  | 61.3   |

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#2

1,4-Dioxane

Concen: 38.63 ng

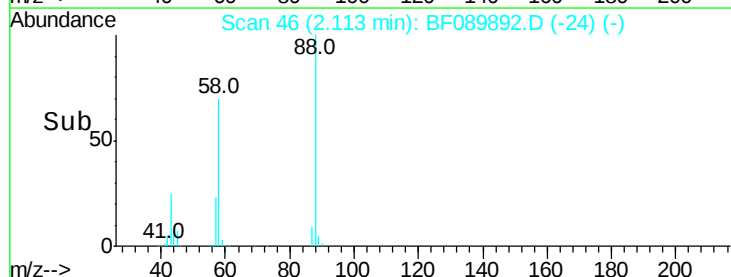
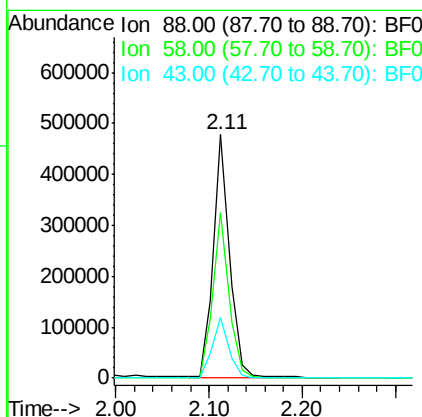
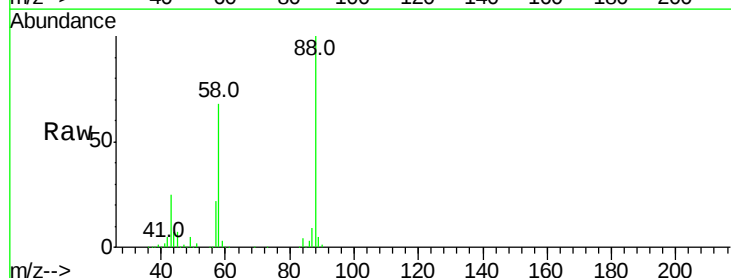
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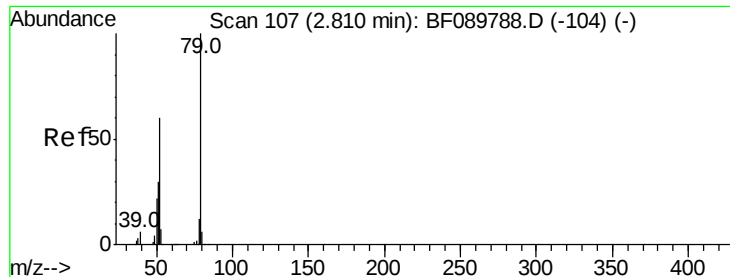
Delta R.T. -0.05 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 88    | Resp: | 579703 |
| Ion      | Ratio | Lower | Upper  |
| 88       | 100   |       |        |
| 58       | 68.4  | 57.0  | 85.4   |
| 43       | 25.1  | 21.8  | 32.8   |





#3

Pvridine

Concen: 40.71 ng

RT: 2.74 min Scan# 101

Delta R.T. -0.07 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1602142

Ion Ratio Lower Upper

79 100

52 61.9 53.6 80.4

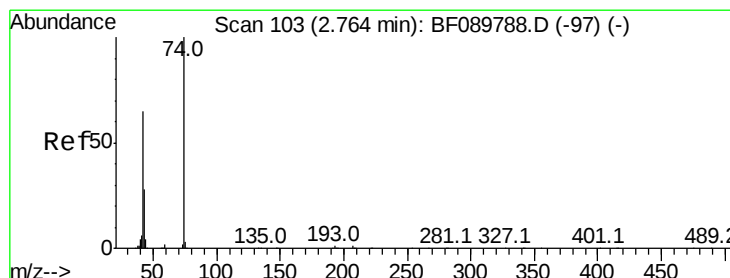
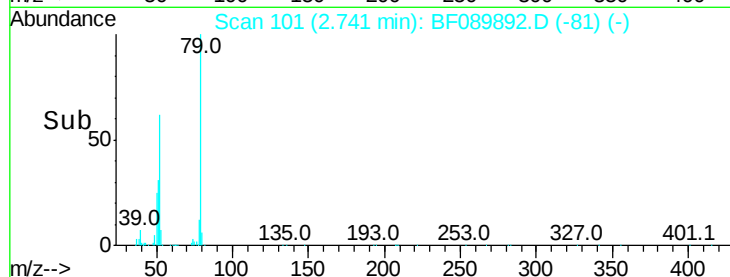
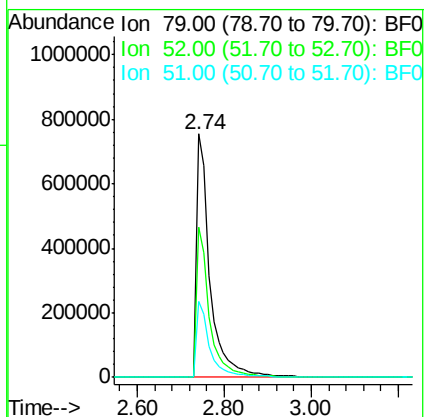
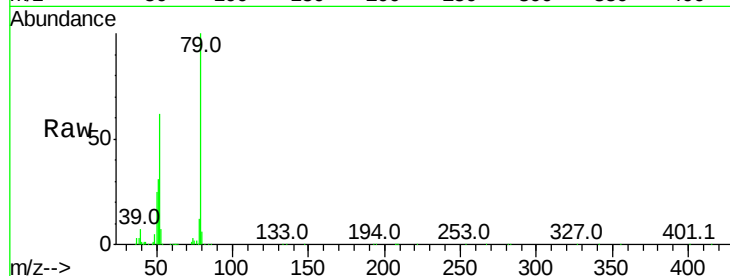
51 31.1 26.6 39.8

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 43.82 ng

RT: 2.72 min Scan# 99

Delta R.T. -0.05 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

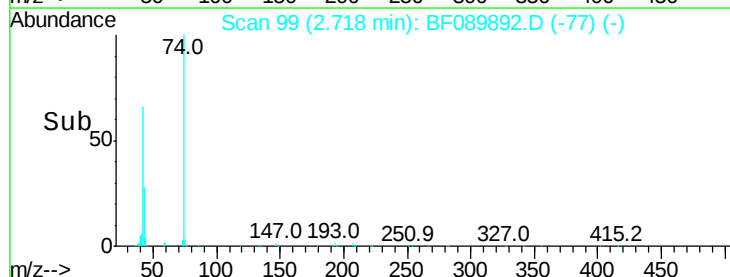
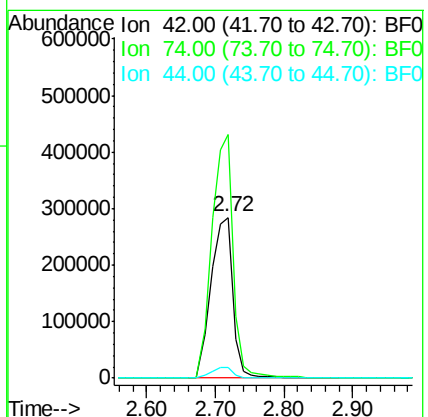
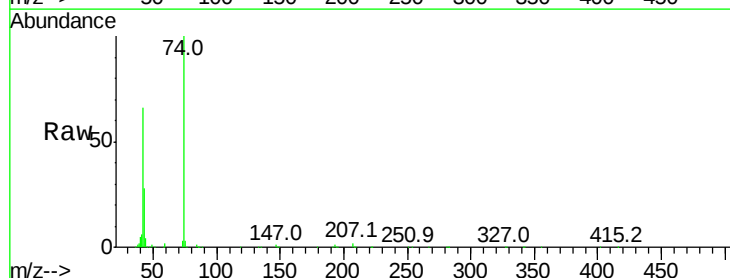
Tgt Ion: 42 Resp: 642070

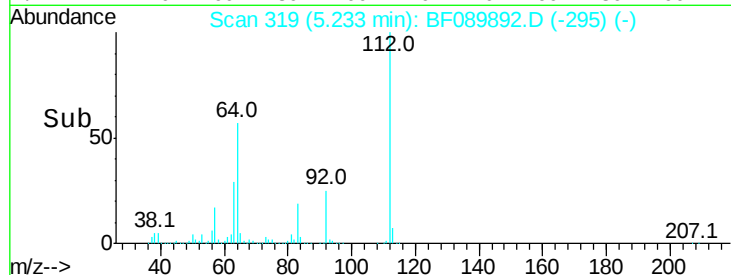
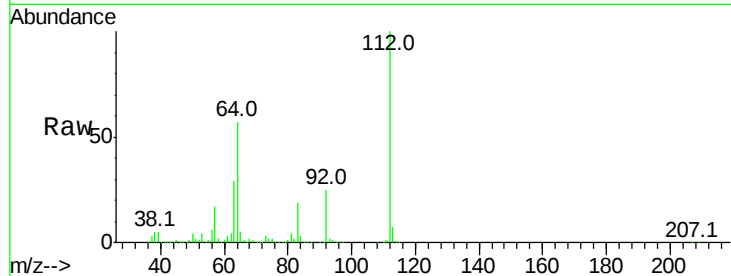
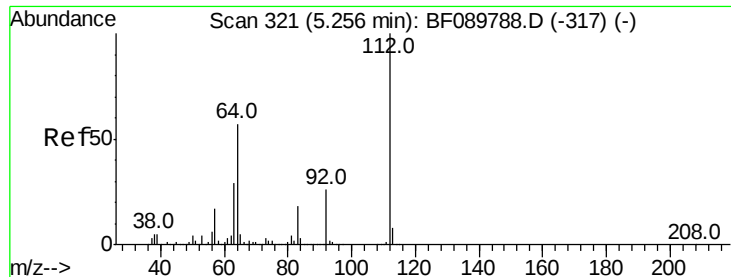
Ion Ratio Lower Upper

42 100

74 151.2 106.2 159.2

44 6.4 6.9 10.3#





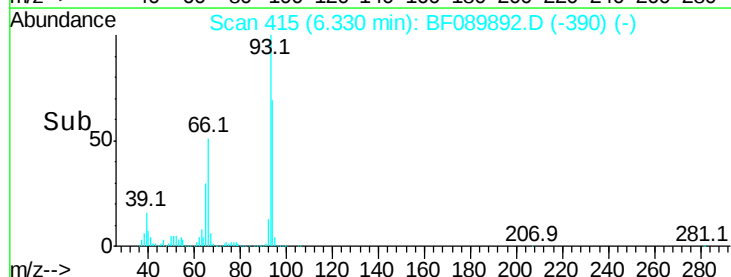
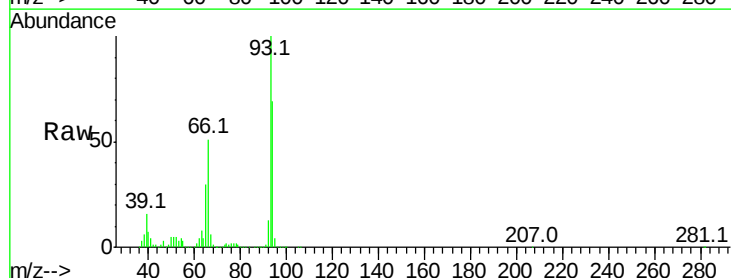
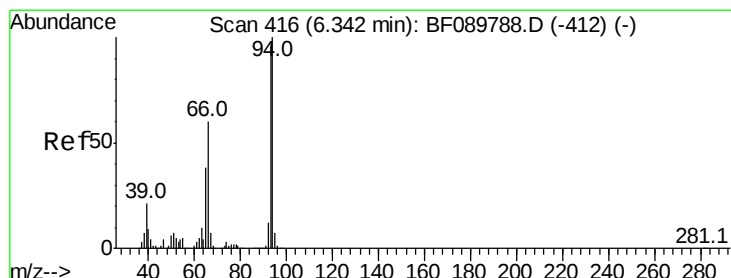
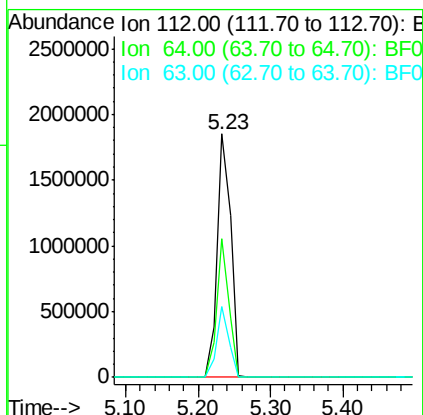
#5  
2-Fluorophenol  
Concen: 79.32 ng  
RT: 5.23 min Scan# 319  
Delta R.T. -0.02 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 57.1  | 45.0  | 67.4  |
| 63      | 29.0  | 23.1  | 34.7  |

Instrument :  
BNA\_F  
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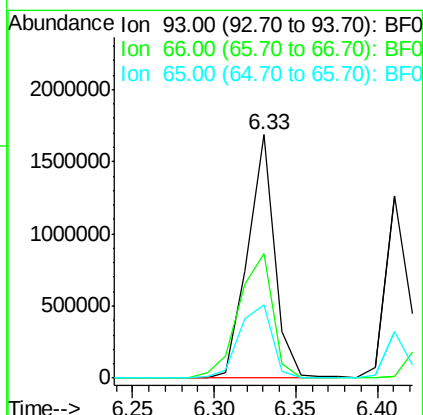
Manual Integrations  
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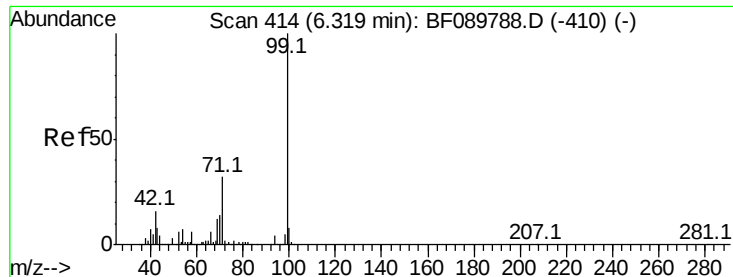
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8/25/2016 6:49:51 PM



#6  
Aniline  
Concen: 38.83 ng  
RT: 6.33 min Scan# 415  
Delta R.T. -0.01 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 66      | 51.1  | 30.6  | 46.0# |
| 65      | 30.1  | 15.4  | 23.2# |





#7

Phenol-d6

Concen: 80.87 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA\_F

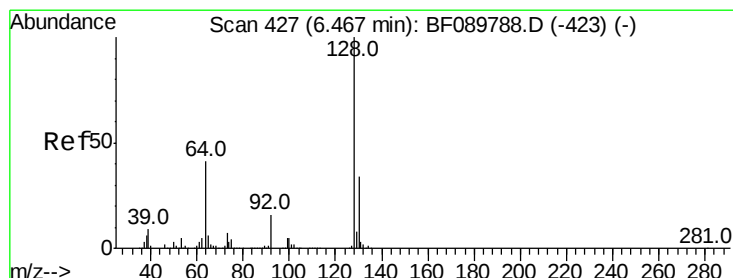
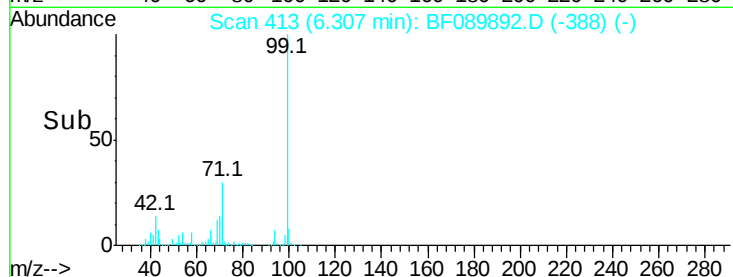
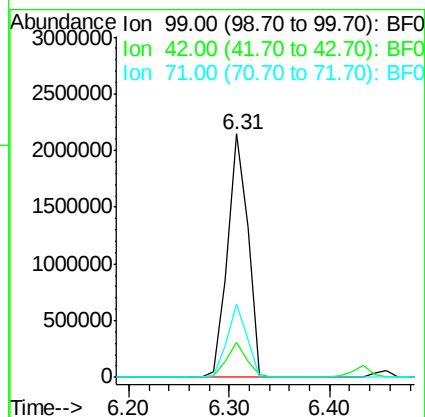
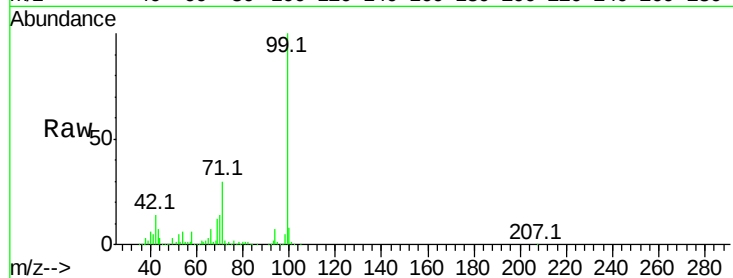
ClientSampleId :

SSTDCCC040

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 99    | Resp: | 3010237 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 14.4  | 12.2  | 18.4    |
| 71       | 30.3  | 23.8  | 35.8    |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 40.65 ng

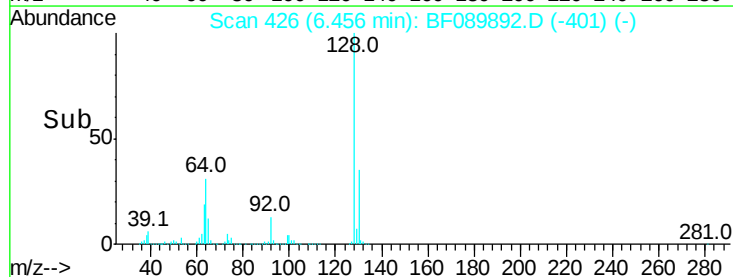
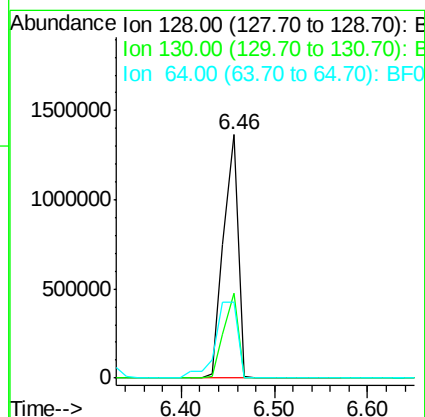
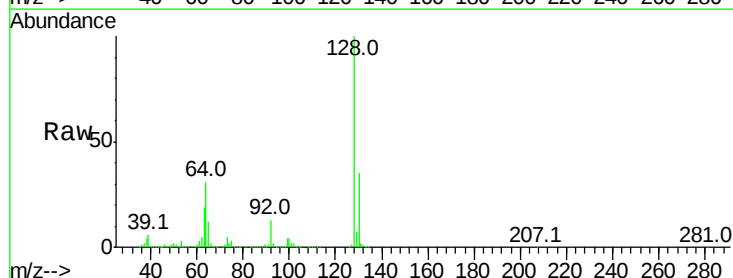
RT: 6.46 min Scan# 426

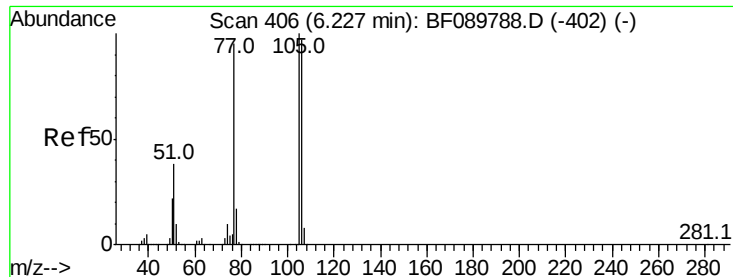
Delta R.T. -0.01 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 128   | Resp: | 1473993 |
| Ion      | Ratio | Lower | Upper   |
| 128      | 100   |       |         |
| 130      | 34.6  | 12.0  | 52.0    |
| 64       | 31.4  | 35.1  | 75.1#   |





#9

Benzaldehyde

Concen: 35.50 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA\_F

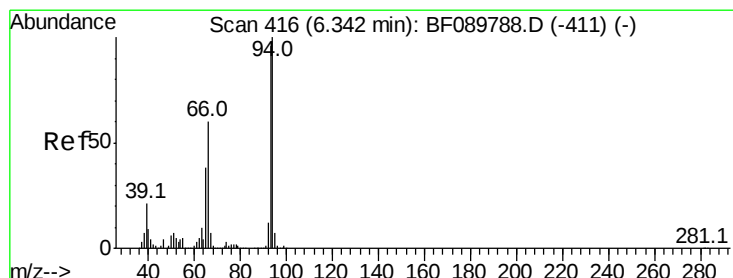
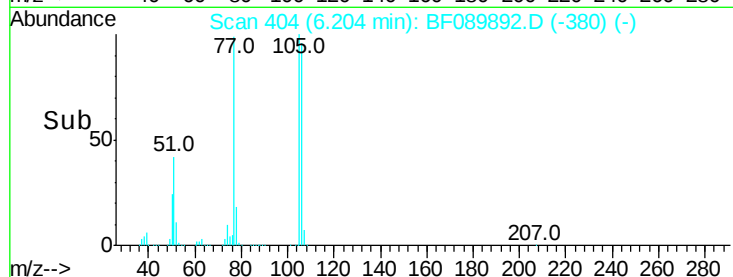
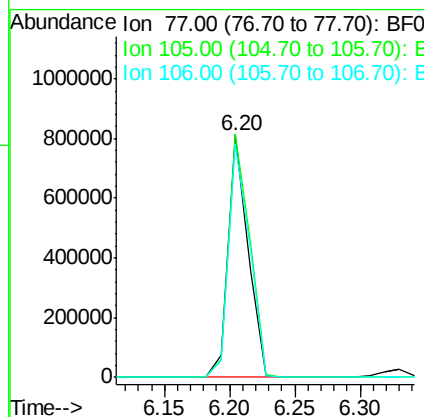
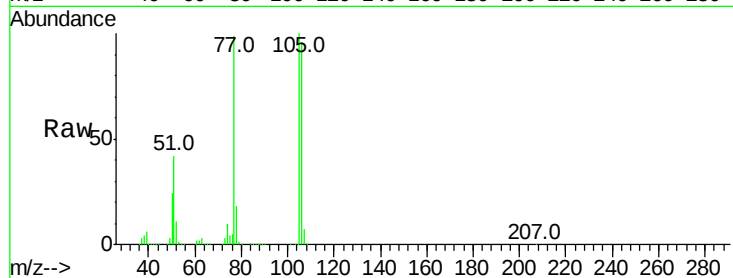
ClientSampleId :

SSTDCCC040

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 77      | 100   |       |       |       |
| 105     | 100.7 | 73.3  | 113.3 |       |
| 106     | 96.4  | 68.6  | 108.6 |       |

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#10

Phenol

Concen: 37.74 ng

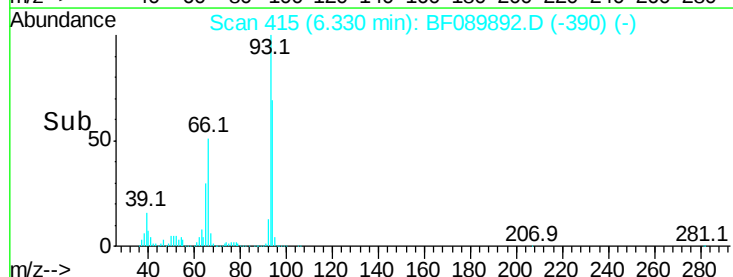
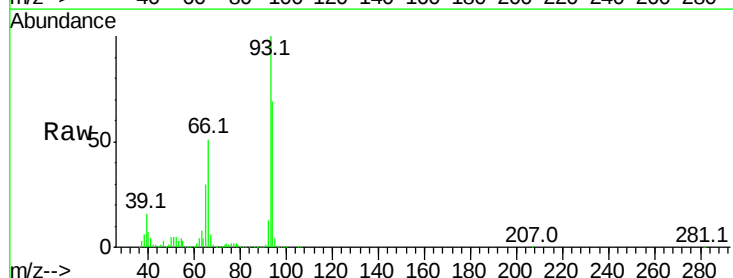
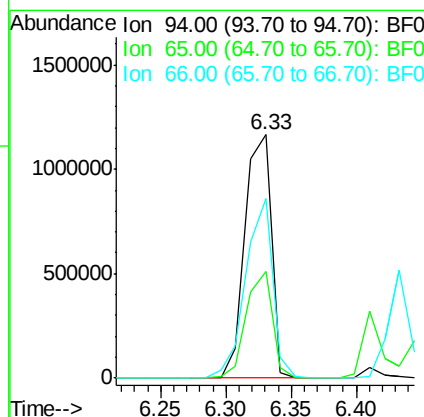
RT: 6.33 min Scan# 415

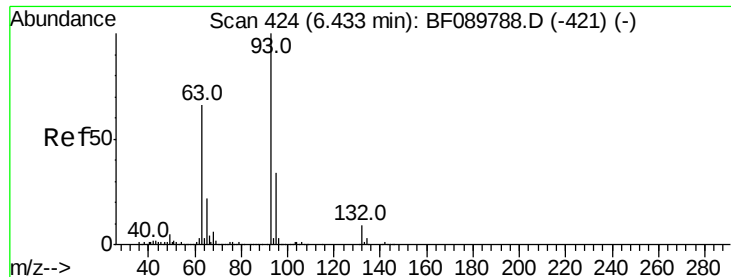
Delta R.T. -0.01 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 94      | 100  |       |       |       |
| 65      | 43.6 | 14.0  | 54.0  |       |
| 66      | 73.9 | 31.2  | 71.2  |       |





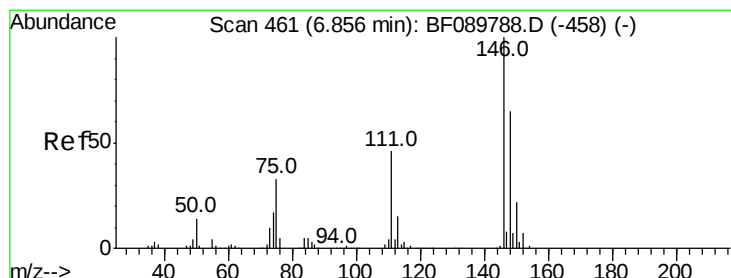
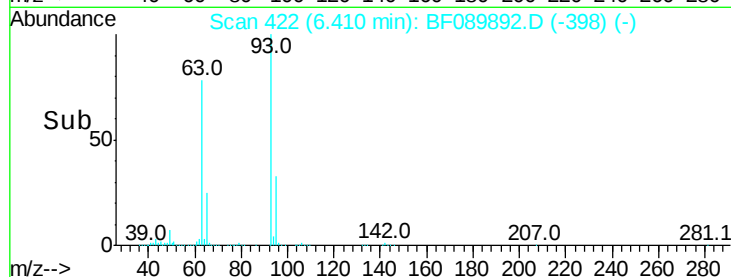
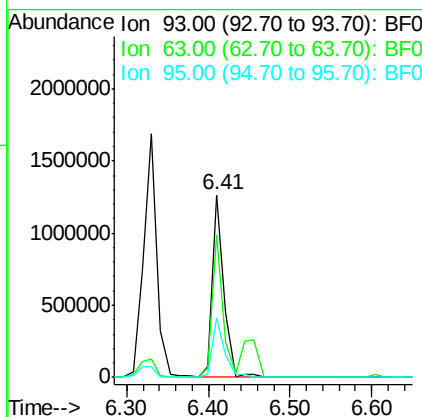
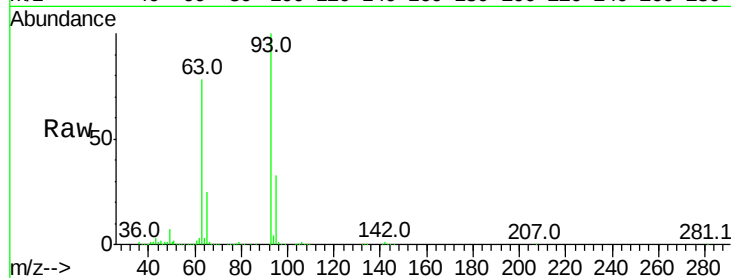
#11  
bis(2-Chloroethyl)ether  
Concen: 37.27 ng  
RT: 6.41 min Scan# 422  
Delta R.T. -0.02 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 78.0  | 55.8  | 95.8  |
| 95      | 32.8  | 13.0  | 53.0  |

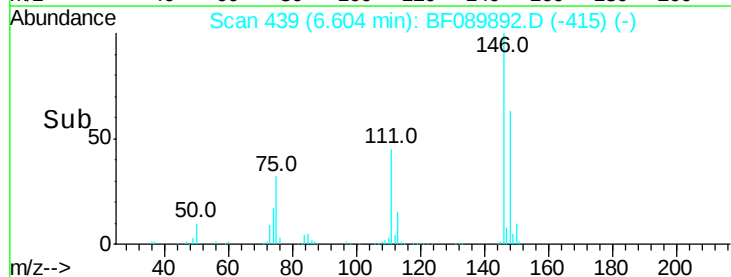
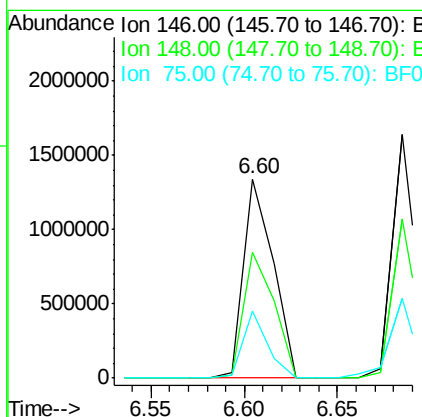
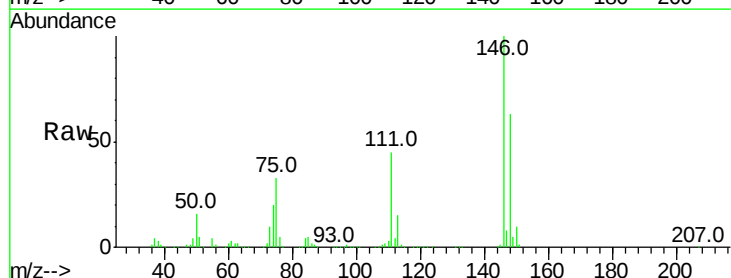
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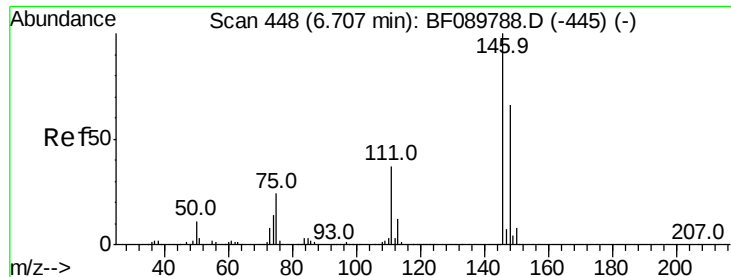
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#12  
1,3-Dichlorobenzene  
Concen: 39.07 ng  
RT: 6.60 min Scan# 439  
Delta R.T. -0.02 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 51.0  | 76.4  |
| 75      | 33.5  | 27.0  | 40.6  |





#13  
 1,4-Dichlorobenzene  
 Concen: 37.66 ng  
 RT: 6.68 min Scan# 446  
 Delta R.T. -0.02 min  
 Lab File: BF089892.D  
 Acq: 25 Aug 2016 00:40

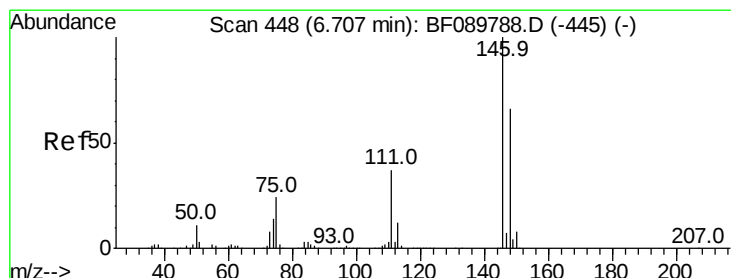
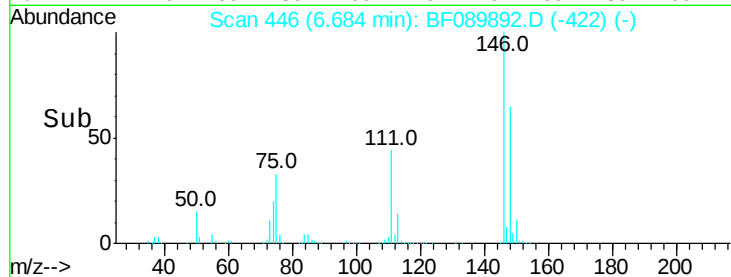
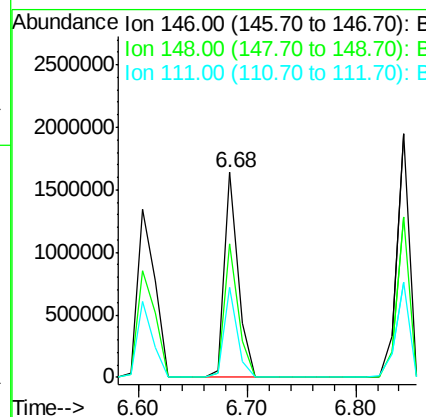
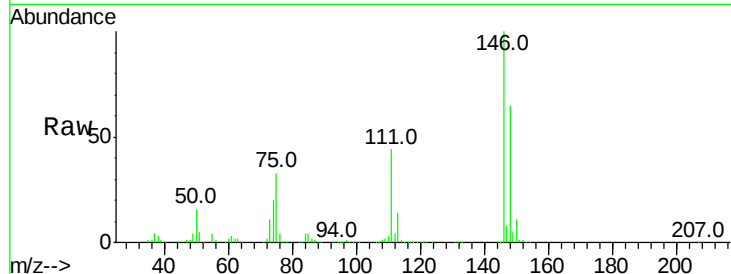
Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDCCC040

Tot Ion:146 Resp: 1467652  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 65.3  | 51.0  | 76.6  |
| 111 | 43.7  | 34.6  | 52.0  |

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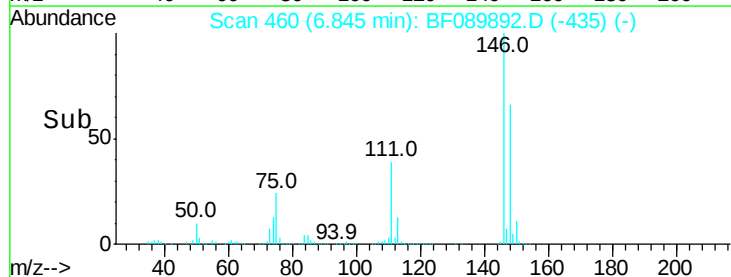
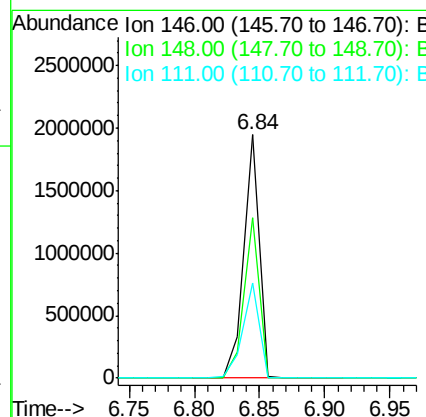
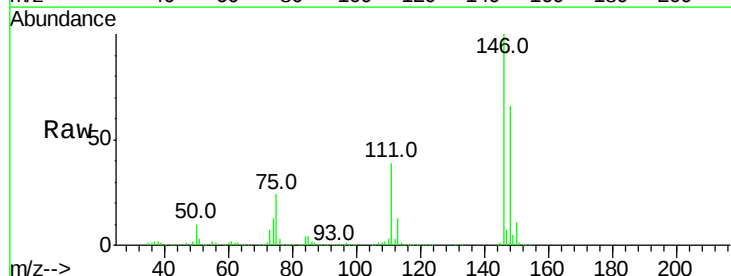
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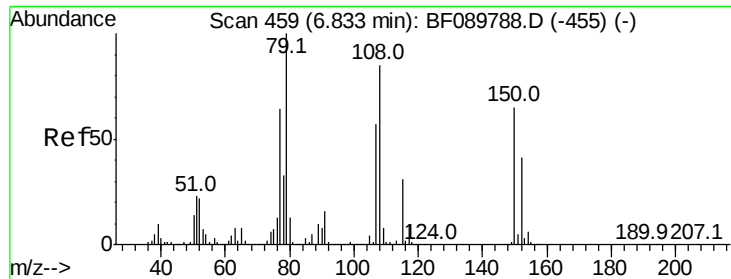


#14  
 1,2-Dichlorobenzene  
 Concen: 43.33 ng  
 RT: 6.84 min Scan# 460  
 Delta R.T. -0.01 min  
 Lab File: BF089892.D  
 Acq: 25 Aug 2016 00:40

Tgt Ion:146 Resp: 1576136  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 66.0  | 52.2  | 78.2  |
| 111 | 39.3  | 29.8  | 44.6  |





#15

Benzyl Alcohol

Concen: 41.77 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1030964

Ion Ratio Lower Upper

79 100

108 91.2 62.5 93.7

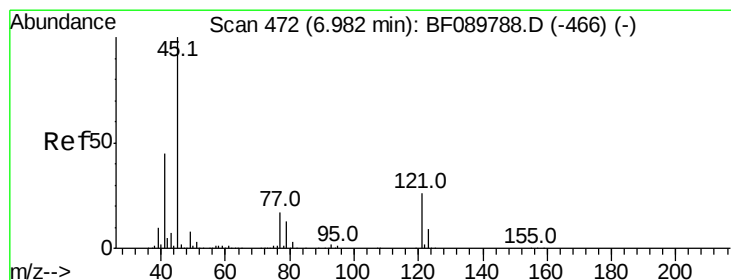
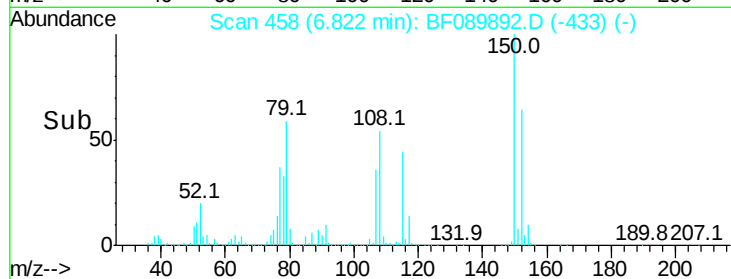
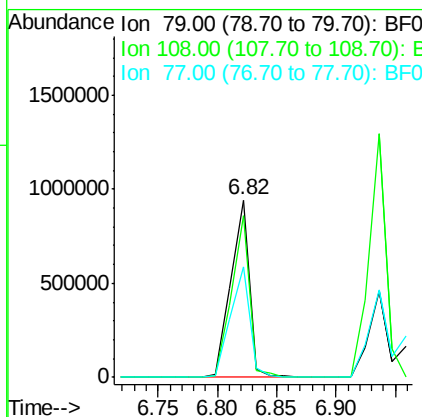
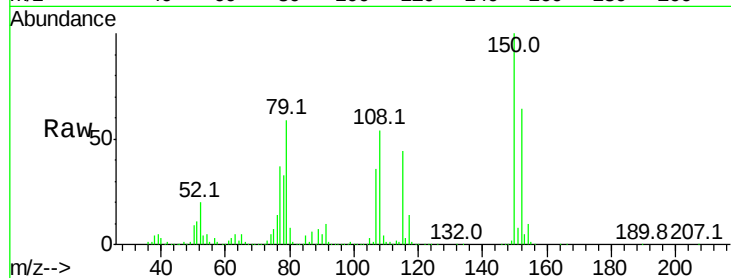
77 62.3 51.5 77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.01 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

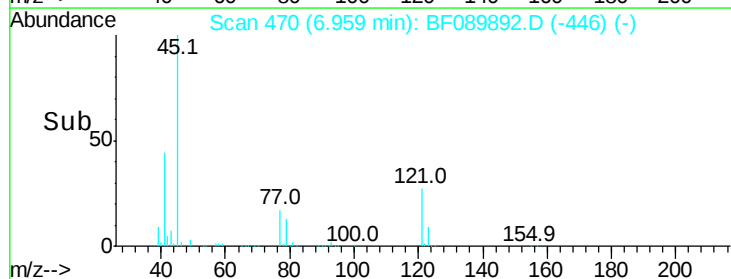
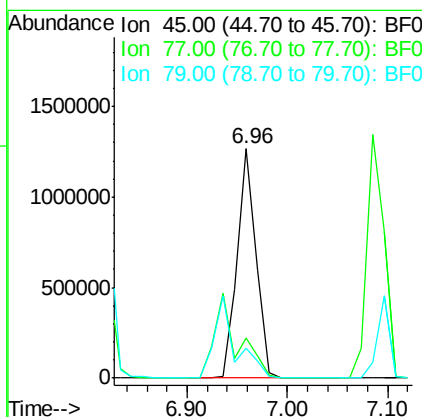
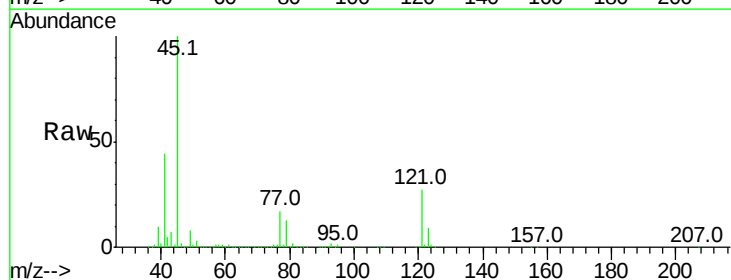
Tgt Ion: 45 Resp: 1645697

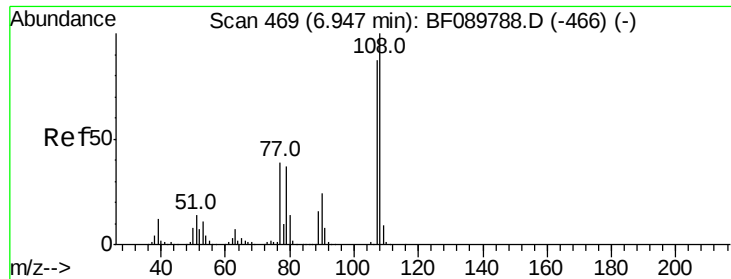
Ion Ratio Lower Upper

45 100

77 17.2 0.0 33.5

79 13.0 0.0 30.7





#17

2-Methylphenol

Concen: 38.87 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 1103825

Ion Ratio Lower Upper

107 100

108 115.7 91.0 136.4

77 41.9 37.4 56.0

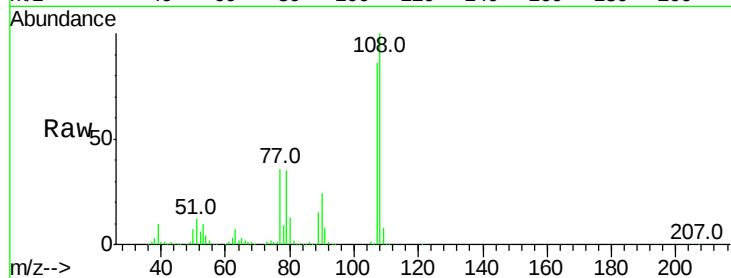
79 40.7 36.6 55.0

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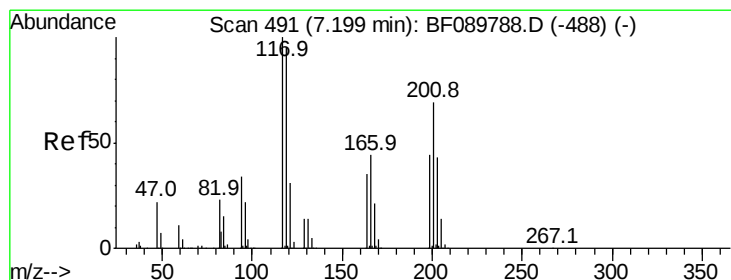
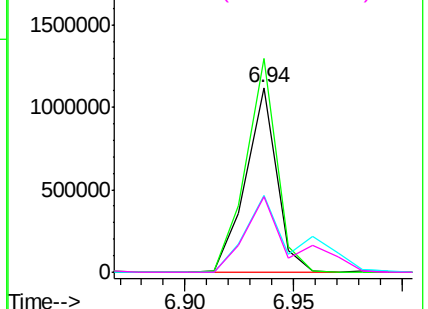
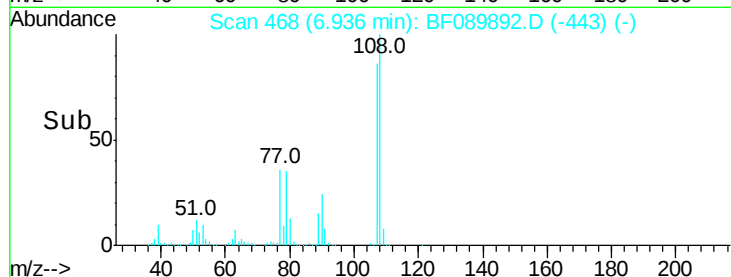


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 42.28 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

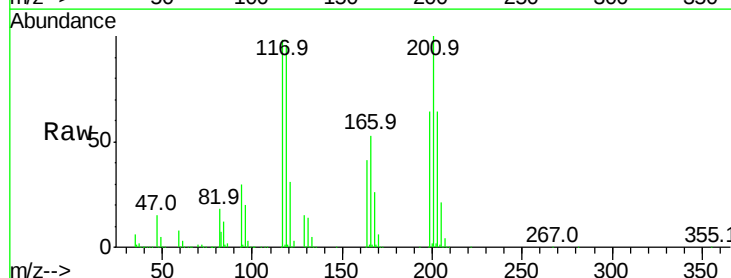
Tgt Ion:117 Resp: 587645

Ion Ratio Lower Upper

117 100

119 97.3 77.1 115.7

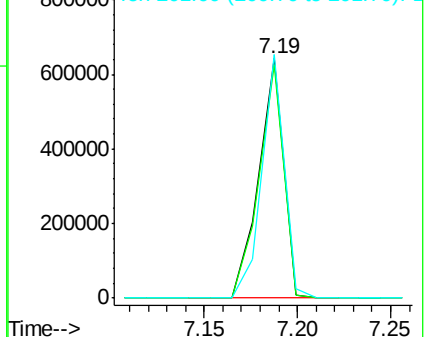
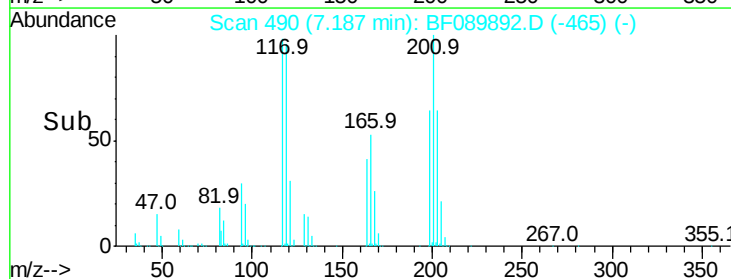
201 101.7 76.9 115.3

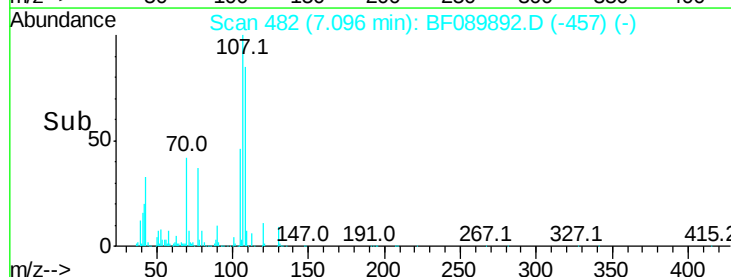
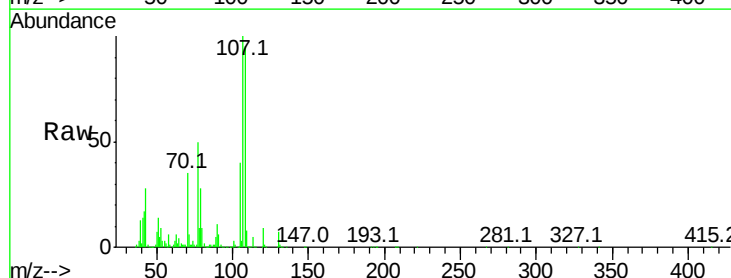
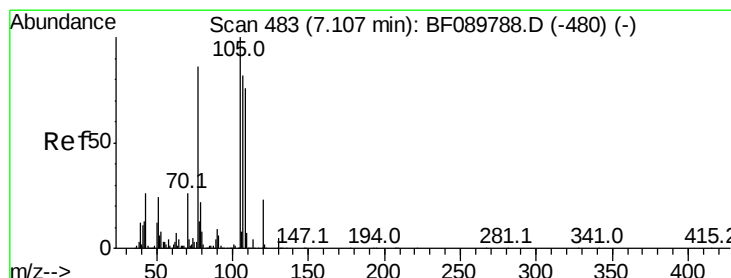
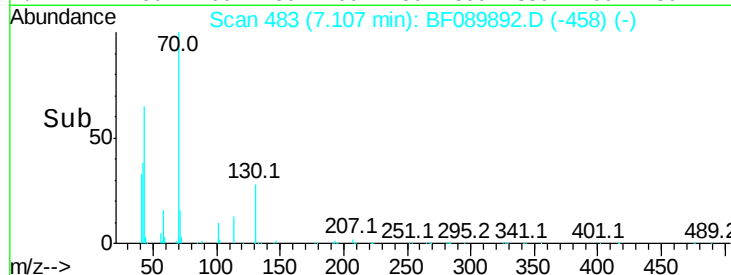
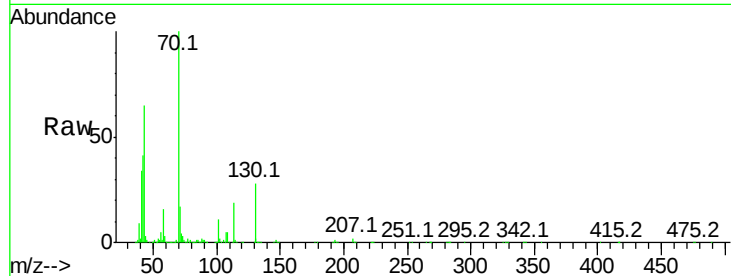
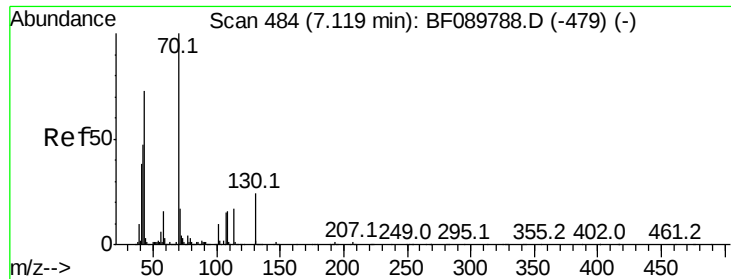


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





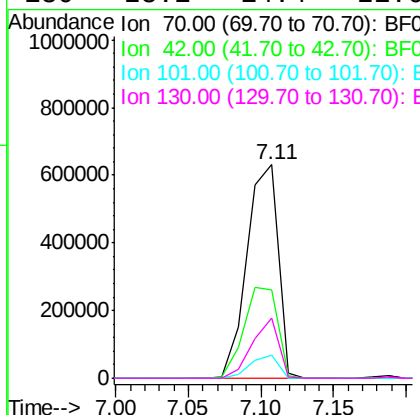
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.61 ng  
RT: 7.11 min Scan# 483  
Delta R.T. -0.01 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 41.4  | 46.3  | 69.5# |
| 101     | 10.7  | 7.0   | 10.6# |
| 130     | 28.1  | 14.4  | 21.6# |

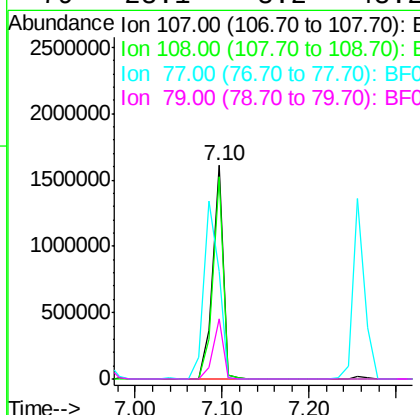
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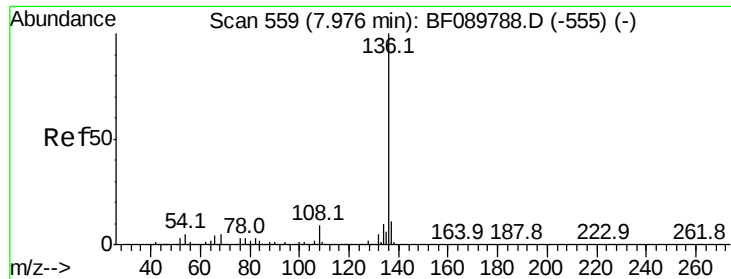
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#20  
3+4-Methylphenols  
Concen: 39.72 ng  
RT: 7.10 min Scan# 482  
Delta R.T. -0.01 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 94.7  | 68.2  | 108.2  |
| 77      | 50.1  | 122.3 | 162.3# |
| 79      | 28.1  | 8.2   | 48.2   |





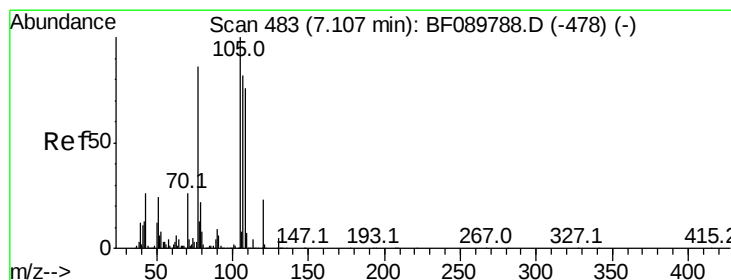
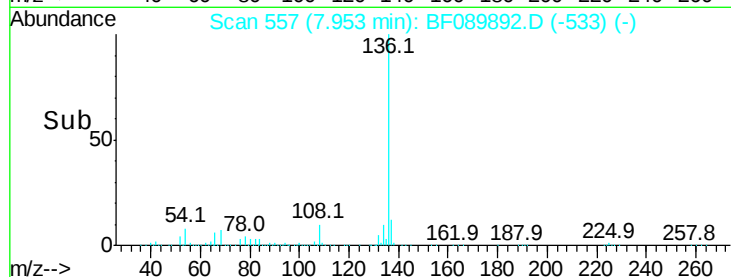
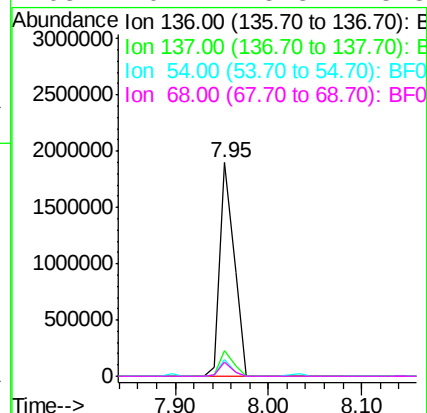
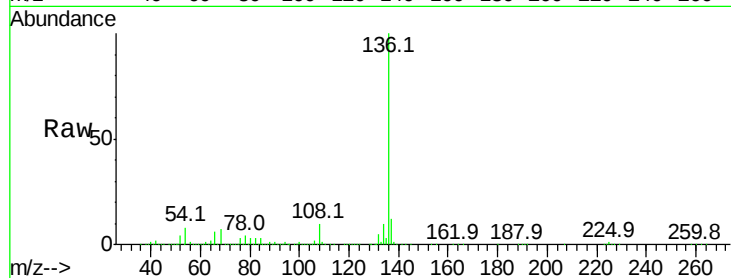
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.95 min Scan# 557  
Delta R.T. -0.02 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.8  | 9.2   | 13.8  |
| 54      | 7.7   | 7.2   | 10.8  |
| 68      | 6.7   | 5.8   | 8.8   |

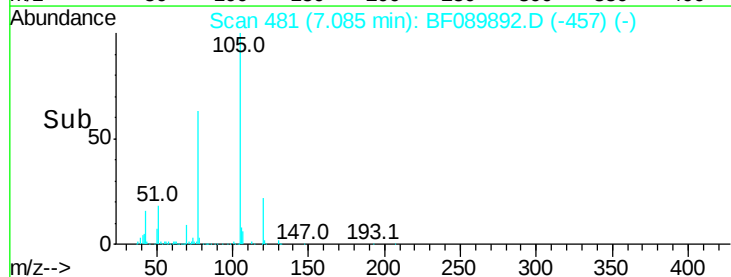
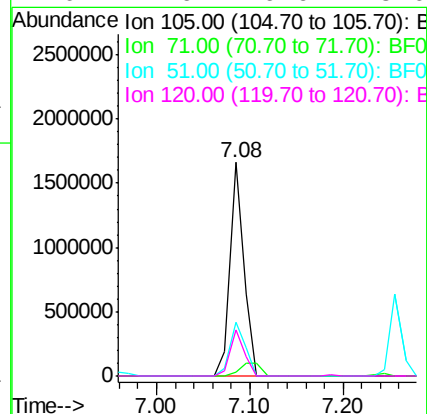
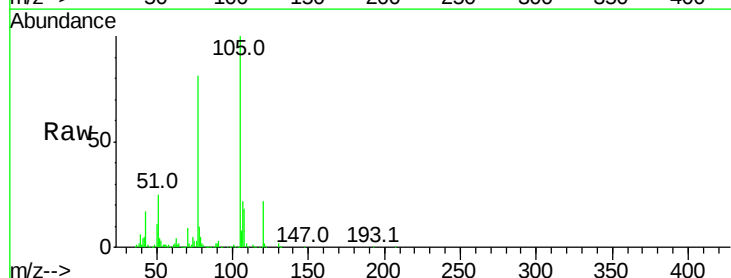
Manual Integrations  
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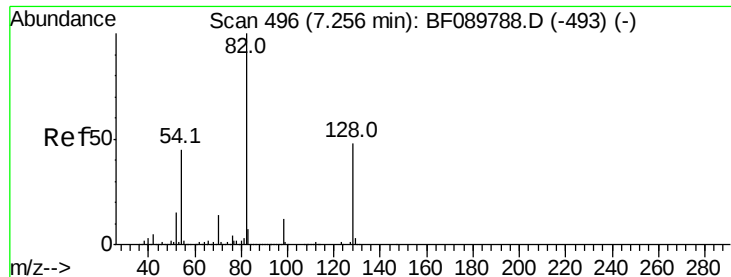
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#22  
Acetophenone  
Concen: 37.52 ng  
RT: 7.08 min Scan# 481  
Delta R.T. -0.02 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 1.6   | 1.9   | 2.9#  |
| 51      | 25.1  | 28.5  | 42.7# |
| 120     | 21.6  | 16.6  | 25.0  |





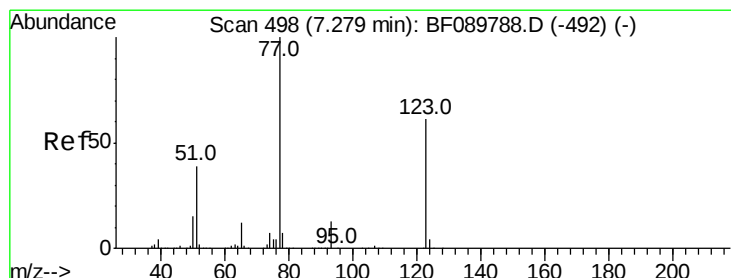
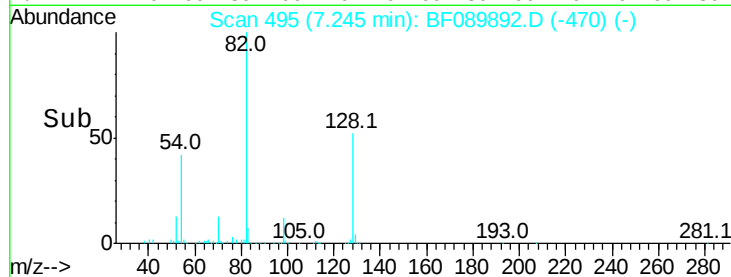
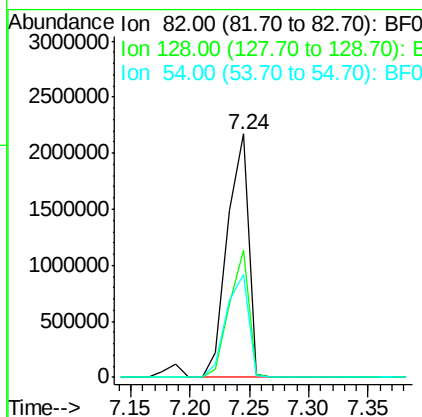
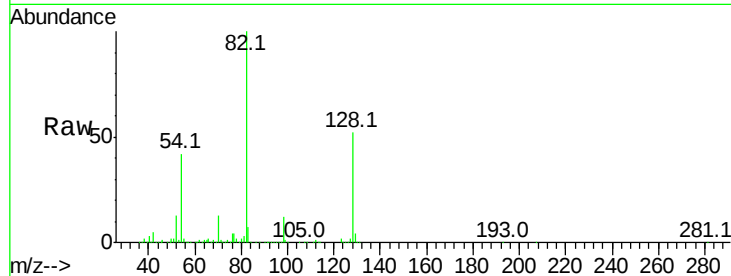
#23  
 Nitrobenzene-d5  
 Concen: 83.49 ng  
 RT: 7.24 min Scan# 495  
 Delta R.T. -0.01 min  
 Lab File: BF089892.D  
 Acq: 25 Aug 2016 00:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion: 82 Resp: 2681072  
 Ion Ratio Lower Upper  
 82 100  
 128 52.4 34.4 51.6#  
 54 42.1 40.3 60.5

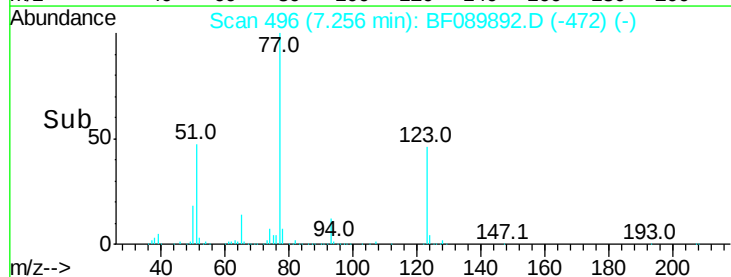
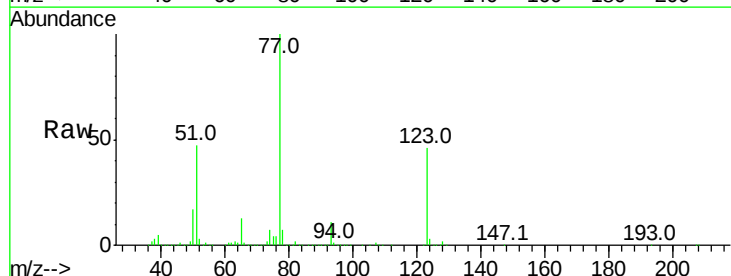
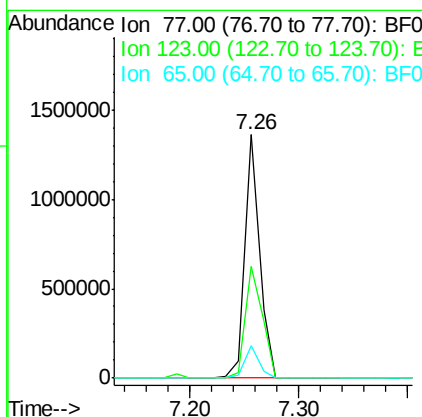
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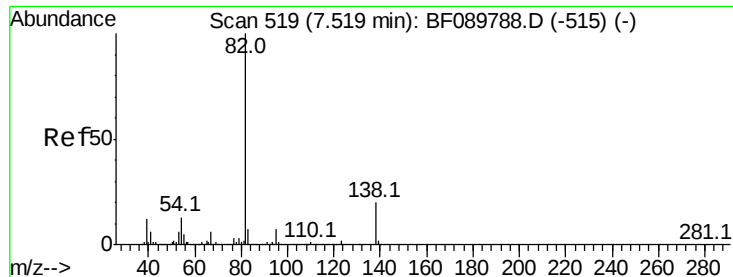
umangi  
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#24  
 Nitrobenzene  
 Concen: 35.20 ng  
 RT: 7.26 min Scan# 496  
 Delta R.T. -0.02 min  
 Lab File: BF089892.D  
 Acq: 25 Aug 2016 00:40

Tgt Ion: 77 Resp: 1268203  
 Ion Ratio Lower Upper  
 77 100  
 123 45.8 36.2 54.2  
 65 13.4 10.6 15.8





#25

Isophorone

Concen: 39.89 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA\_F

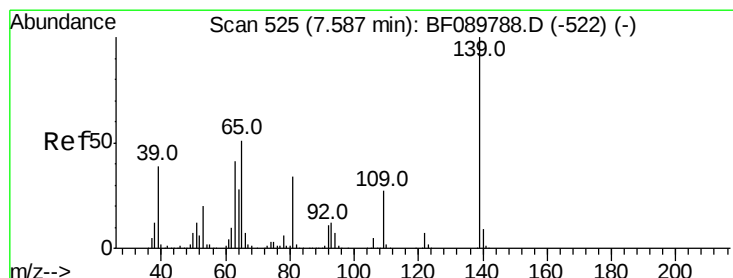
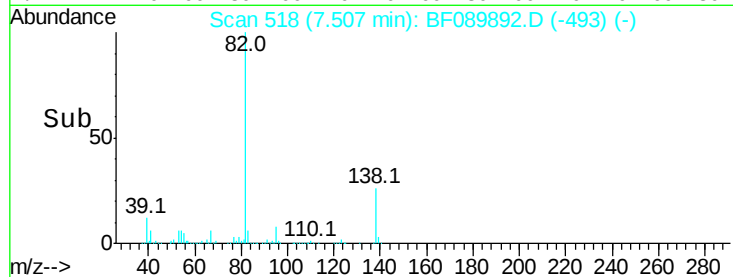
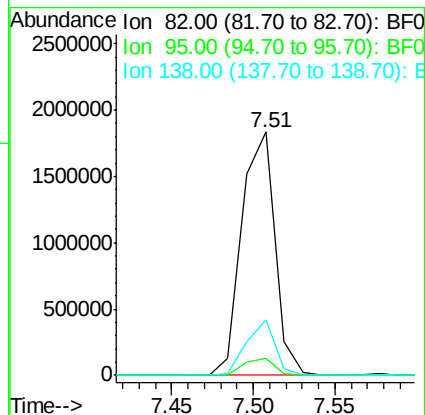
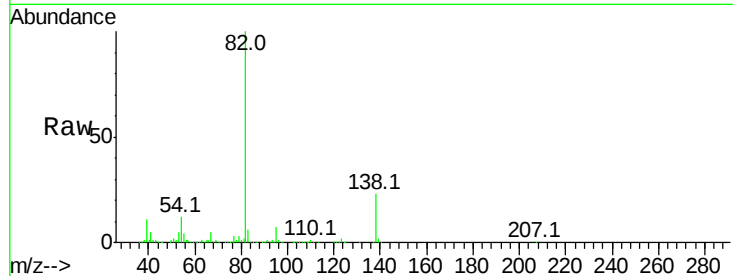
ClientSampleId :

SSTDCCC040

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 82    | Resp: | 2583711 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 95       | 7.0   | 5.3   | 7.9     |
| 138      | 22.7  | 13.0  | 19.4    |

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#26

2-Nitrophenol

Concen: 46.72 ng

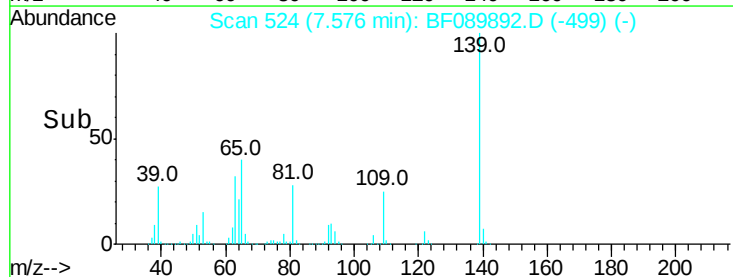
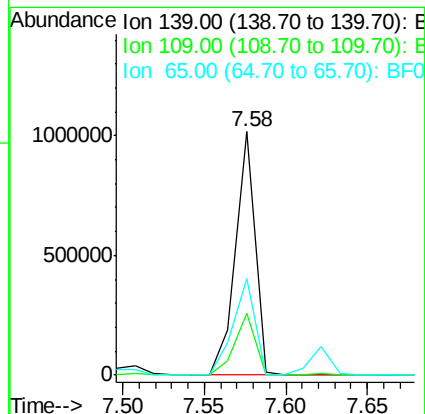
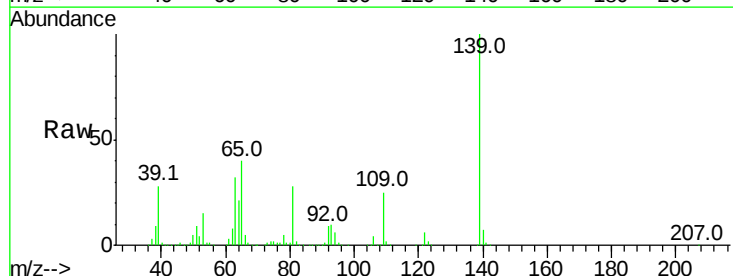
RT: 7.58 min Scan# 524

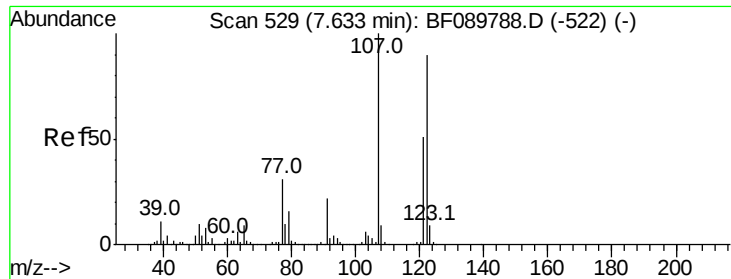
Delta R.T. -0.01 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 139   | Resp: | 839861 |
| Ion      | Ratio | Lower | Upper  |
| 139      | 100   |       |        |
| 109      | 25.2  | 19.5  | 29.3   |
| 65       | 39.6  | 26.5  | 39.7   |





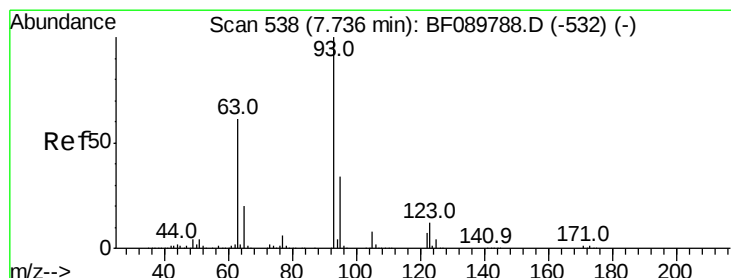
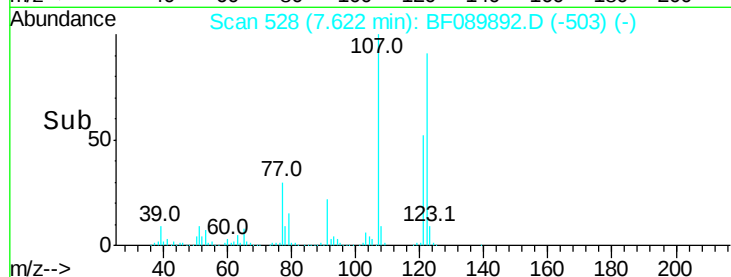
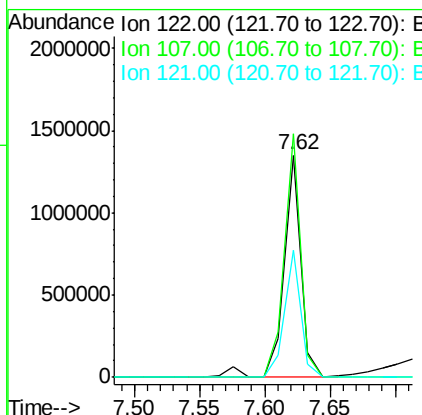
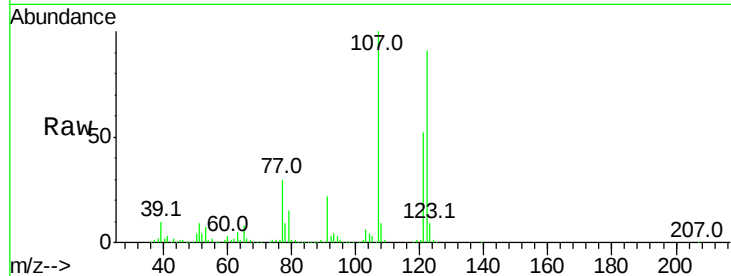
#27  
 2,4-Dimethylphenol  
 Concen: 38.70 ng  
 RT: 7.62 min Scan# 528  
 Delta R.T. -0.01 min  
 Lab File: BF089892.D  
 Acq: 25 Aug 2016 00:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:122 Resp: 1253740  
 Ion Ratio Lower Upper  
 122 100  
 107 109.5 84.8 127.2  
 121 57.2 47.0 70.6

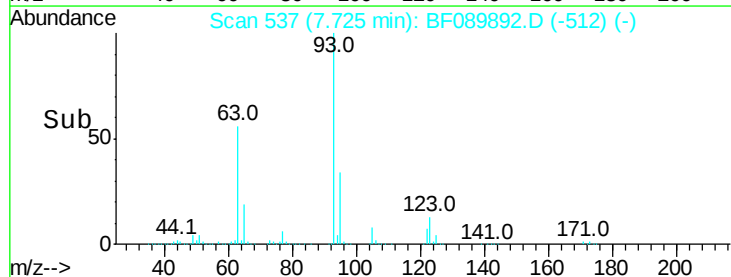
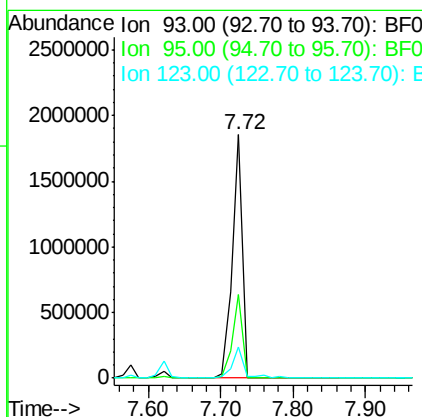
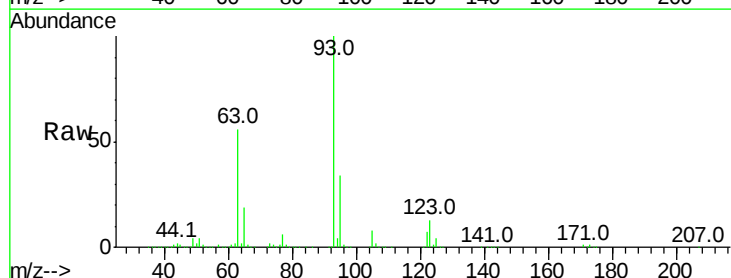
Manual Integrations  
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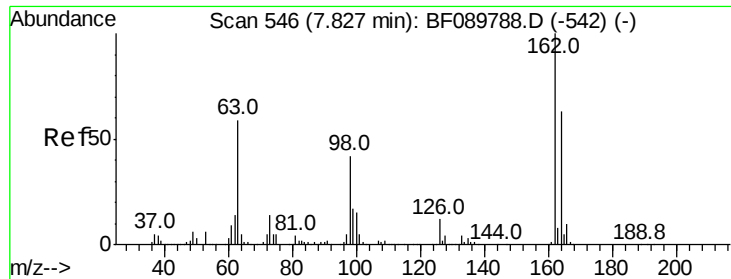
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 43.82 ng  
 RT: 7.72 min Scan# 537  
 Delta R.T. -0.01 min  
 Lab File: BF089892.D  
 Acq: 25 Aug 2016 00:40

Tgt Ion: 93 Resp: 1756009  
 Ion Ratio Lower Upper  
 93 100  
 95 34.2 25.5 38.3  
 123 12.9 8.5 12.7#





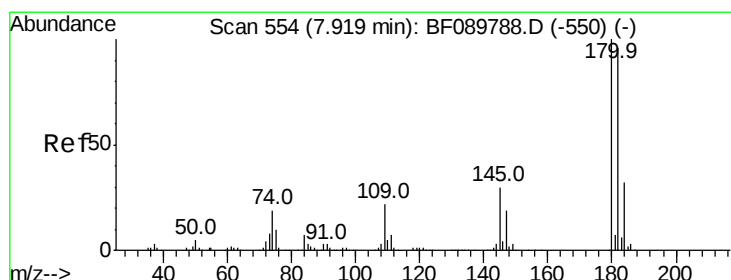
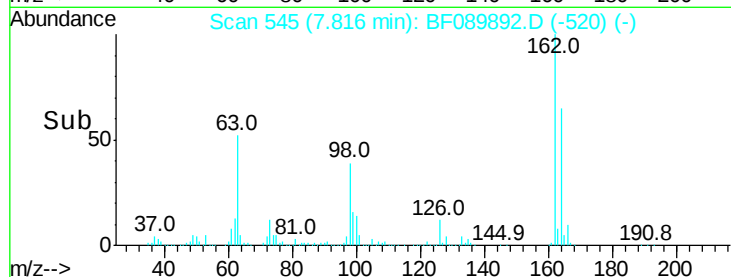
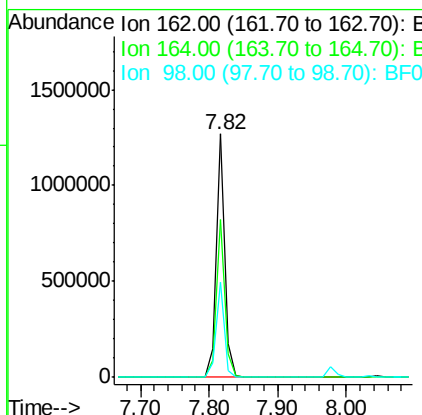
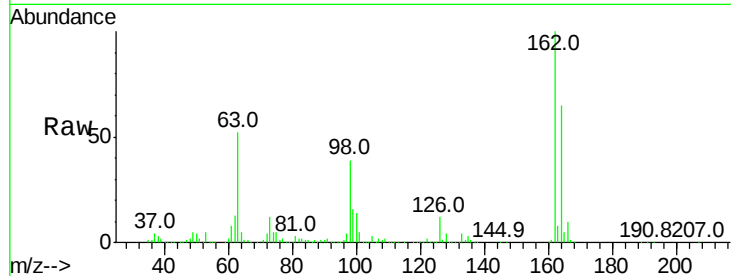
#29  
2,4-Dichlorophenol  
Concen: 40.75 ng  
RT: 7.82 min Scan# 545  
Delta R.T. -0.01 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.6  | 45.5  | 85.5  |
| 98      | 39.0  | 12.4  | 52.4  |

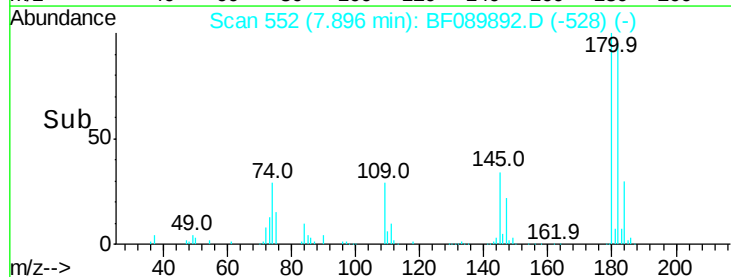
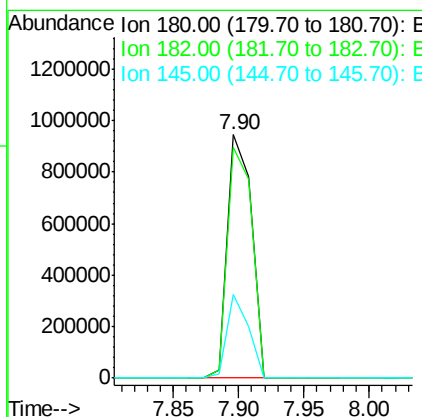
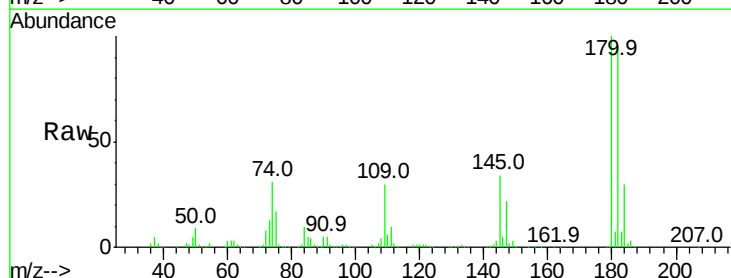
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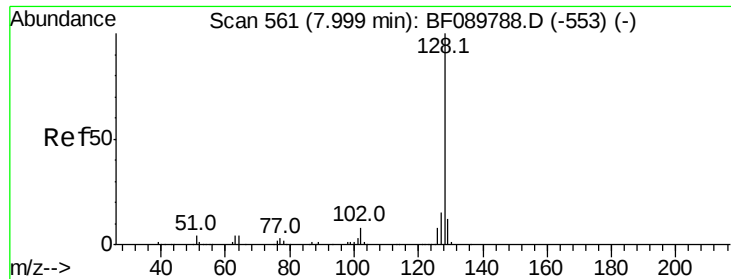
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#30  
1,2,4-Trichlorobenzene  
Concen: 40.17 ng  
RT: 7.90 min Scan# 552  
Delta R.T. -0.02 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.6  | 75.5  | 113.3 |
| 145     | 34.4  | 28.7  | 43.1  |





#31

Naphthalene

Concen: 36.99 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 3449110

Ion Ratio Lower Upper

128 100

129 12.8 9.5 14.3

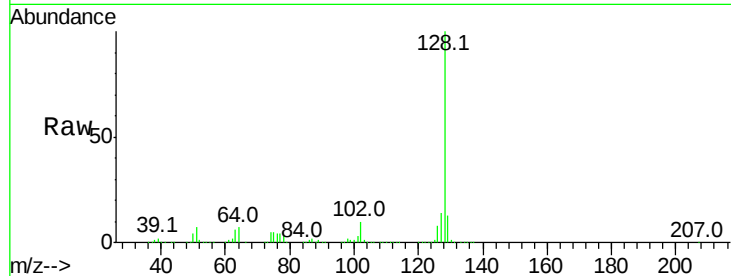
127 14.5 11.3 16.9

Manual Integrations

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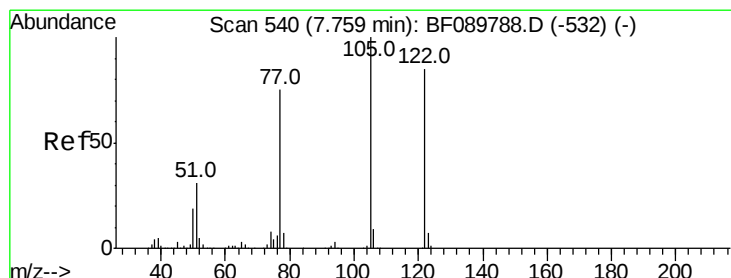
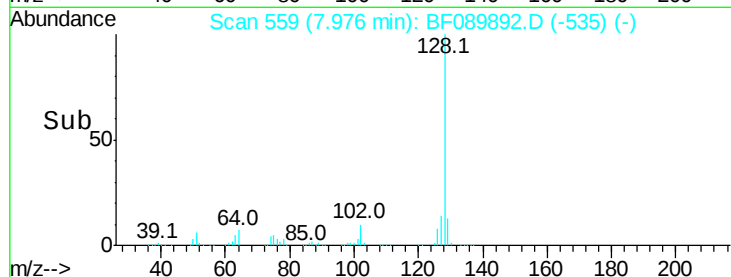
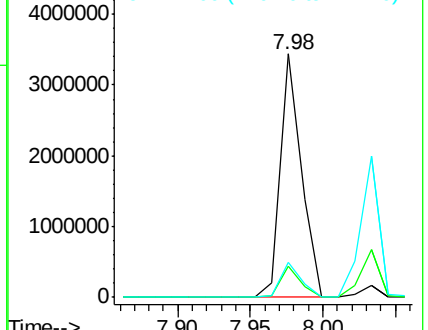
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.25 ng

RT: 7.76 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

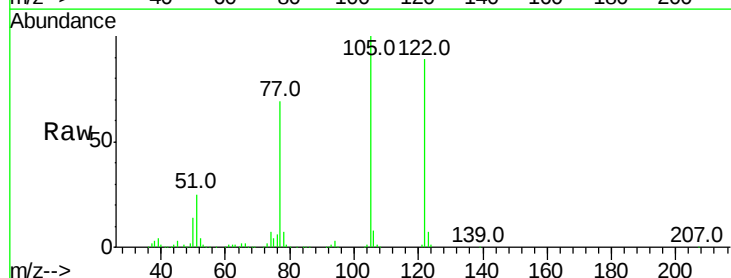
Tgt Ion:122 Resp: 940420

Ion Ratio Lower Upper

122 100

105 112.1 100.8 140.8

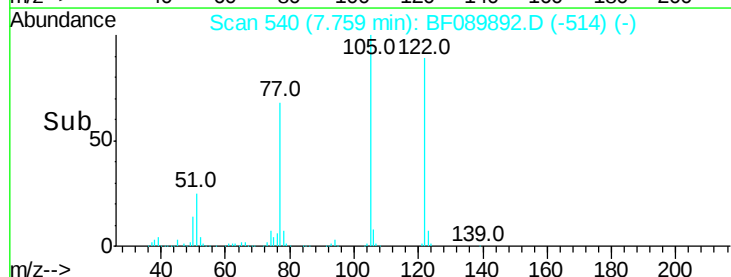
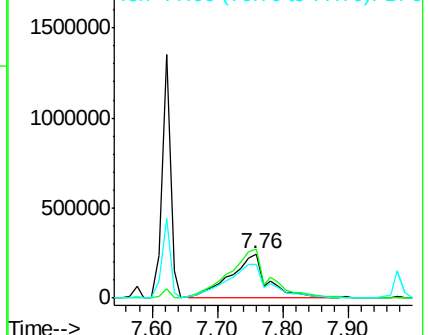
77 76.9 72.1 112.1

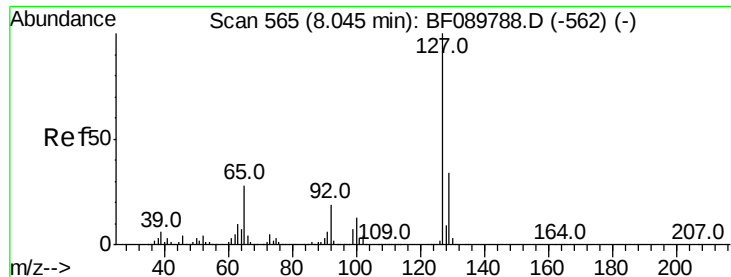


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





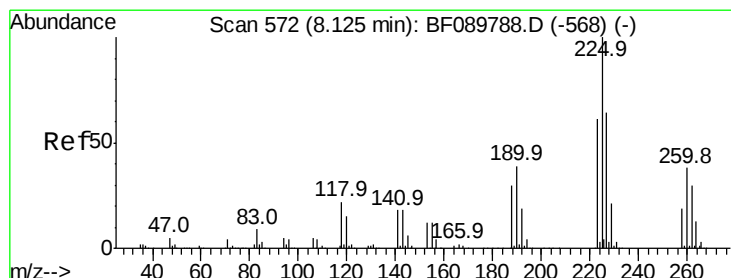
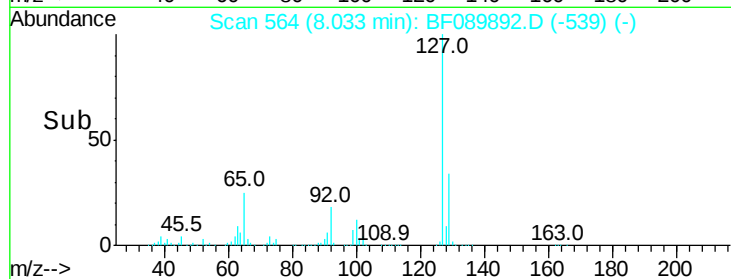
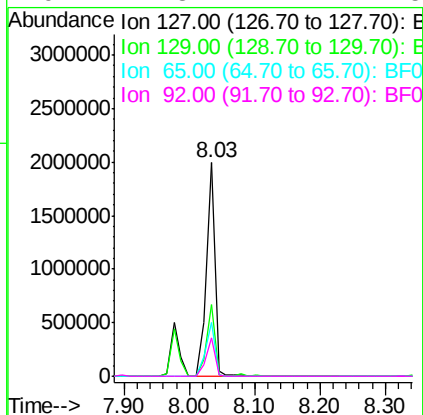
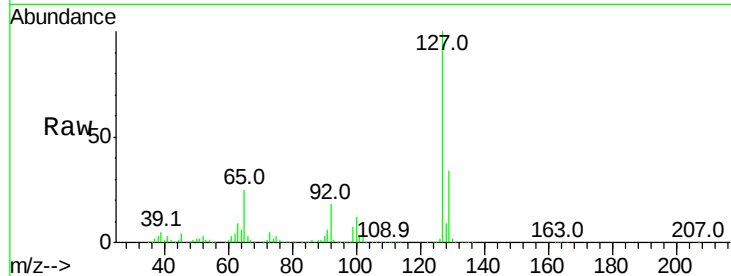
#33  
4-Chloroaniline  
Concen: 44.22 ng  
RT: 8.03 min Scan# 564  
Delta R.T. -0.01 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 127     | 100  |       |       |       |
| 129     | 33.5 | 27.0  | 40.6  |       |
| 65      | 25.4 | 14.7  | 22.1  |       |
| 92      | 17.8 | 11.7  | 17.5  |       |

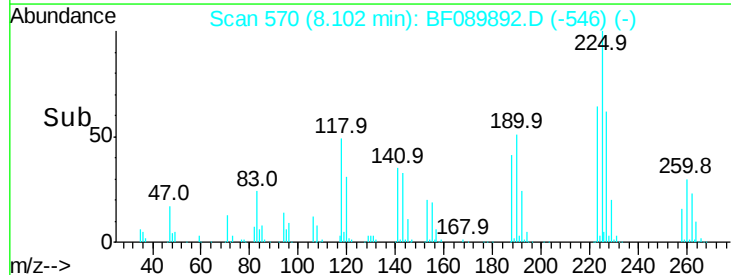
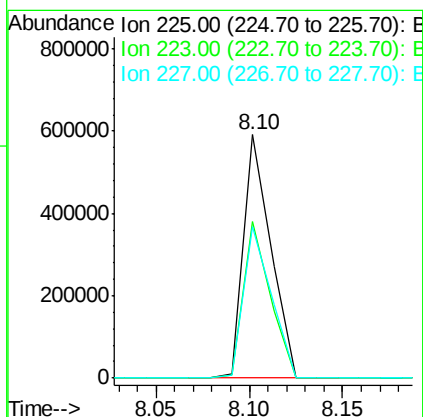
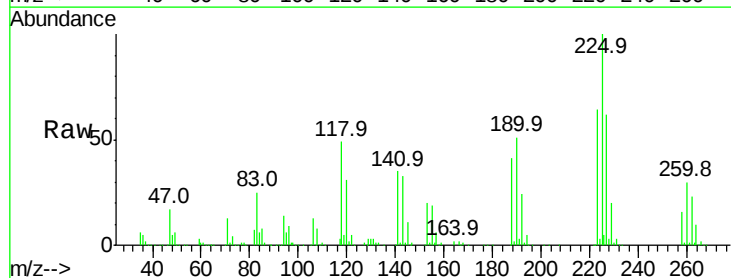
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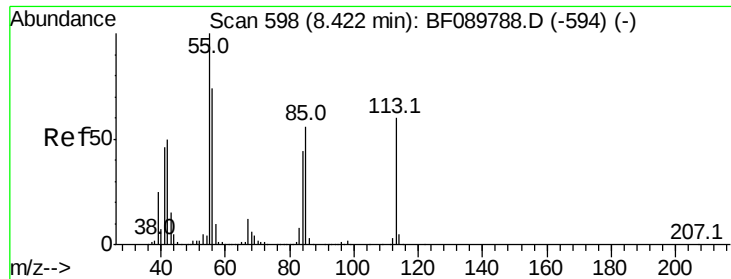
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#34  
Hexachlorobutadiene  
Concen: 38.10 ng  
RT: 8.10 min Scan# 570  
Delta R.T. -0.02 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 225     | 100  |       |       |       |
| 223     | 64.4 | 51.0  | 76.6  |       |
| 227     | 62.2 | 49.8  | 74.6  |       |





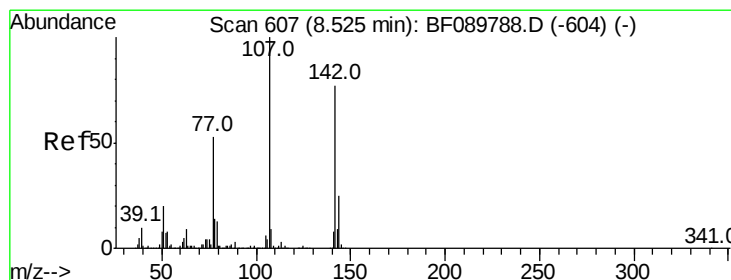
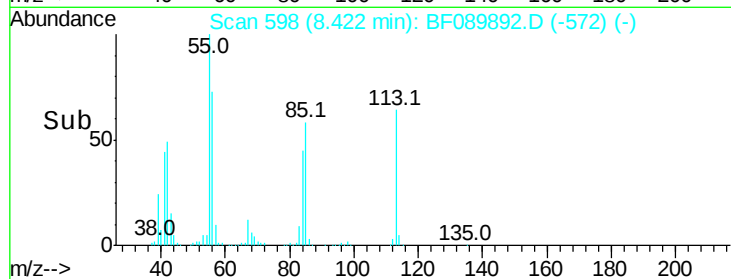
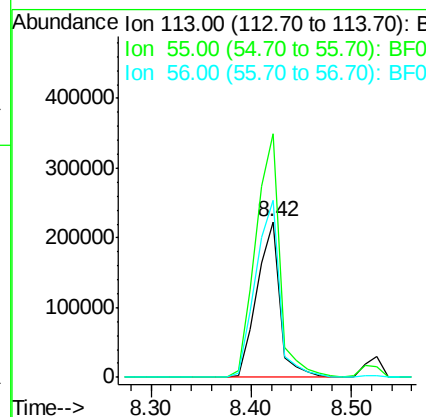
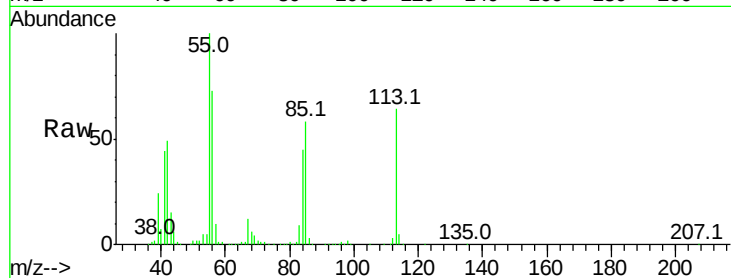
#35  
 Caprolactam  
 Concen: 42.77 ng  
 RT: 8.42 min Scan# 598  
 Delta R.T. 0.00 min  
 Lab File: BF089892.D  
 Acq: 25 Aug 2016 00:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 156.4 | 135.9 | 175.9 |
| 56      | 113.4 | 93.9  | 133.9 |

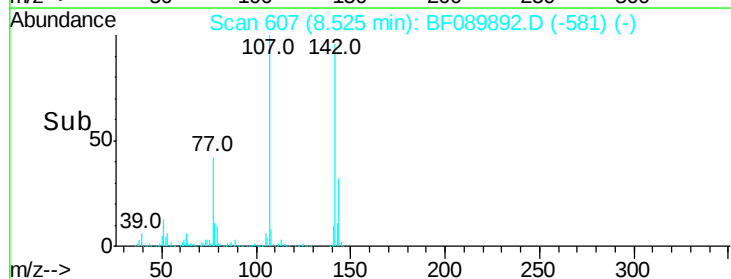
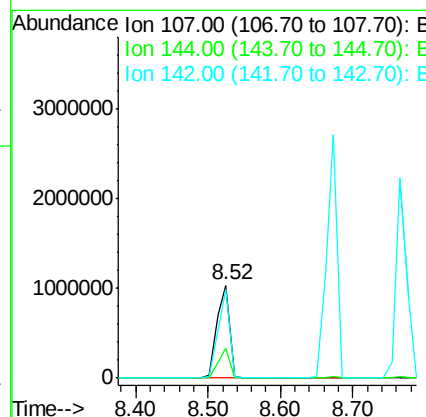
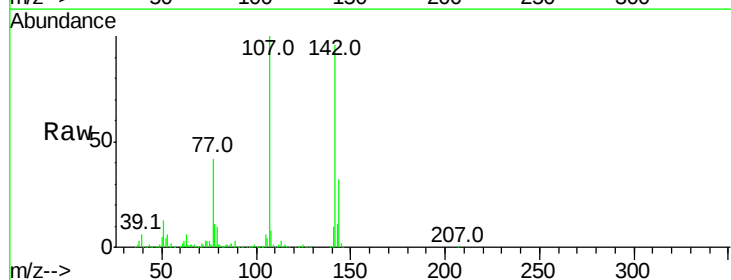
Manual Integrations  
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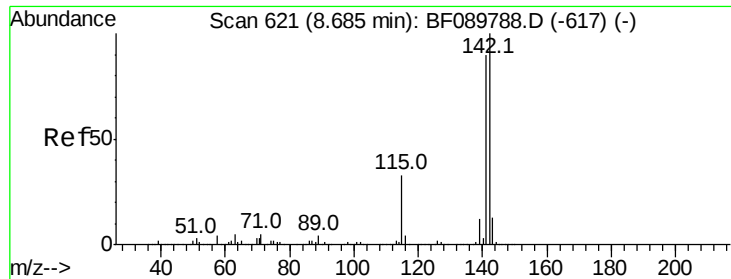
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#36  
 4-Chloro-3-methylphenol  
 Concen: 42.42 ng  
 RT: 8.52 min Scan# 607  
 Delta R.T. 0.00 min  
 Lab File: BF089892.D  
 Acq: 25 Aug 2016 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 32.0  | 22.6  | 34.0  |
| 142     | 95.7  | 69.3  | 103.9 |





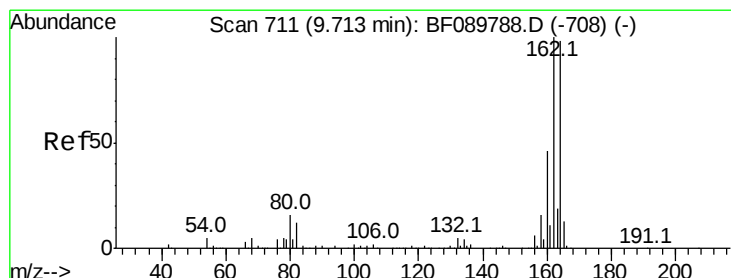
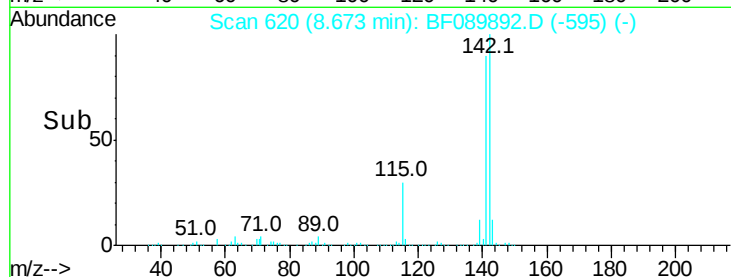
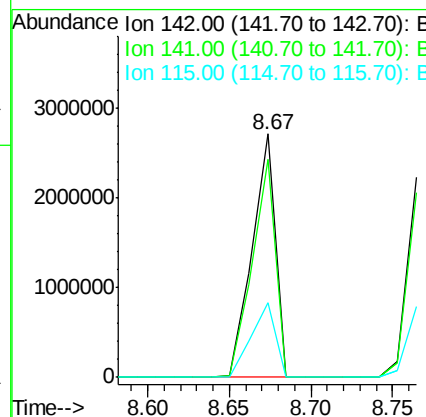
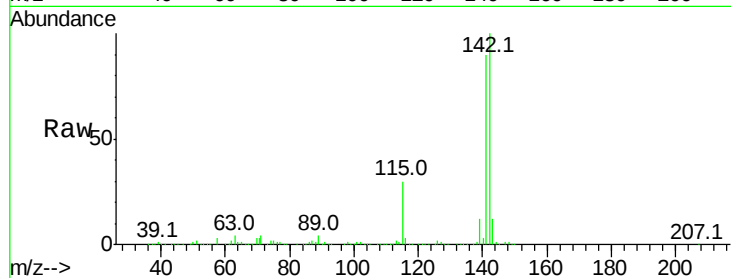
#37  
2-Methylnaphthalene  
Concen: 44.37 ng  
RT: 8.67 min Scan# 620  
Delta R.T. -0.01 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:142 Resp: 2676151  
Ion Ratio Lower Upper  
142 100  
141 89.8 71.4 107.2  
115 30.5 22.7 34.1

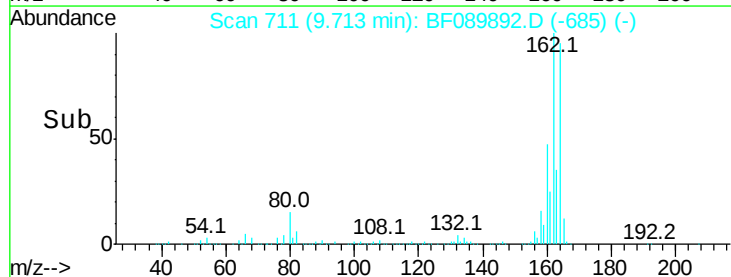
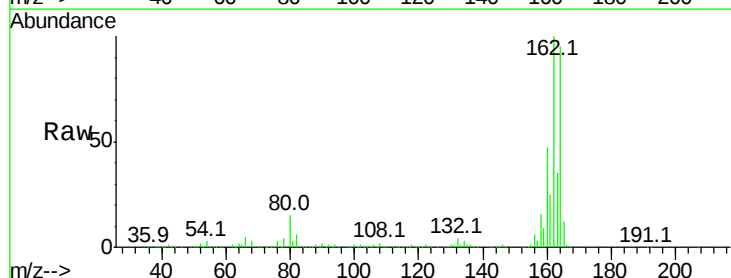
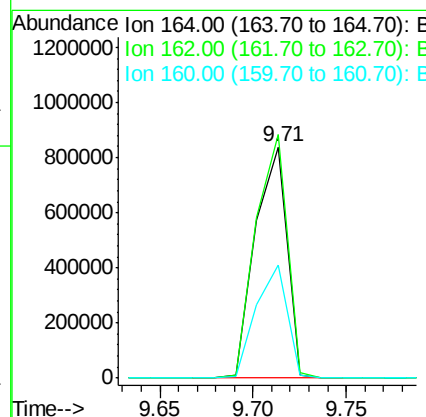
Manual Integrations  
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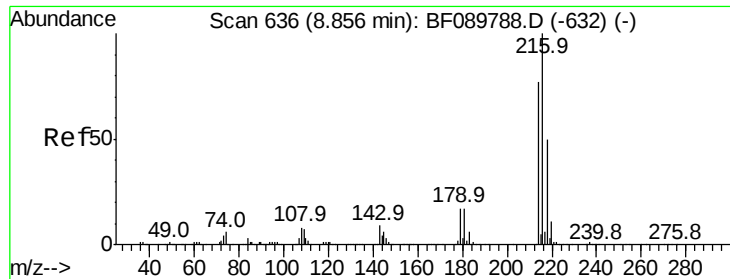
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.71 min Scan# 711  
Delta R.T. 0.00 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

Tgt Ion:164 Resp: 980959  
Ion Ratio Lower Upper  
164 100  
162 105.4 81.4 122.2  
160 49.1 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.40 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA\_F

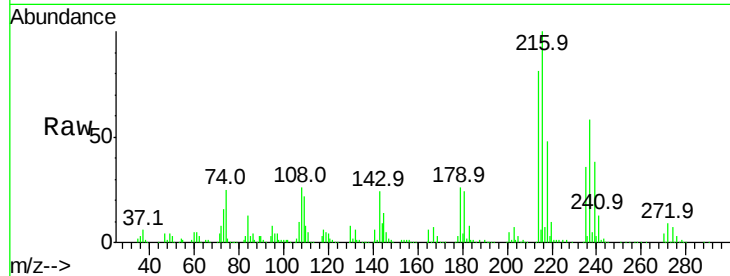
ClientSampleId :

SSTDCCC040

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 216   | Resp: | 1188061 |
| Ion Ratio | Lower | Upper |         |
| 216       | 100   |       |         |
| 214       | 79.1  | 63.5  | 95.3    |
| 179       | 21.6  | 19.9  | 29.9    |
| 108       | 18.5  | 19.9  | 29.9#   |

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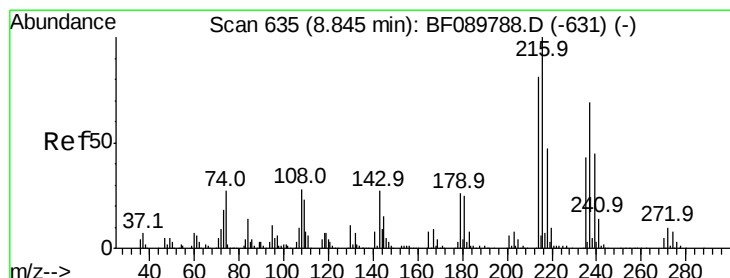
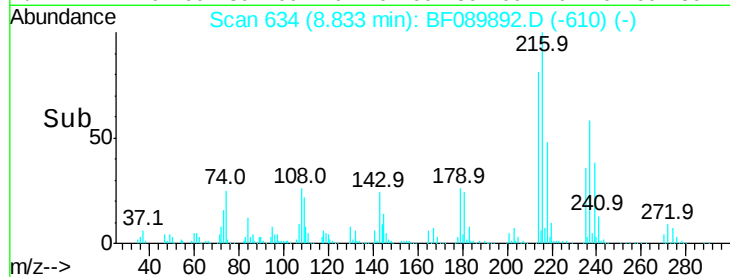
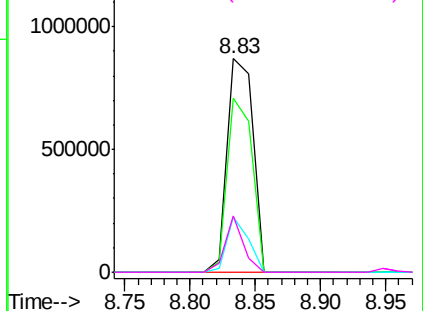


Abundance Ion 216.00 (215.70 to 216.70): E

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: 44.90 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF089892.D

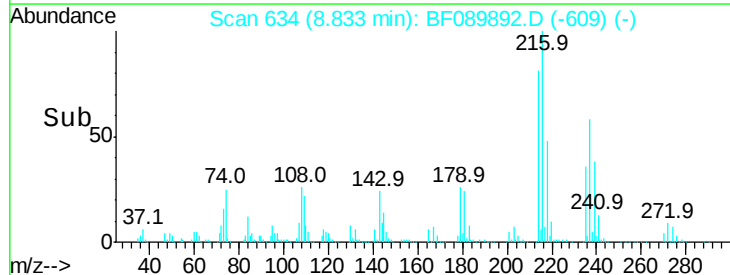
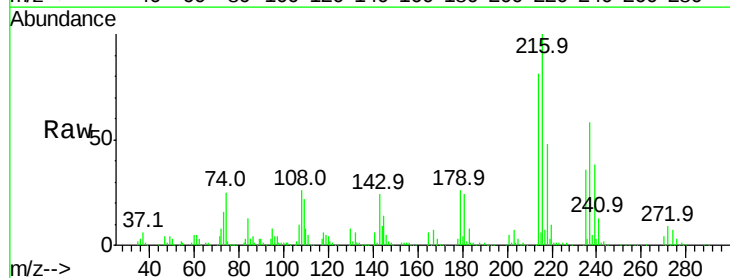
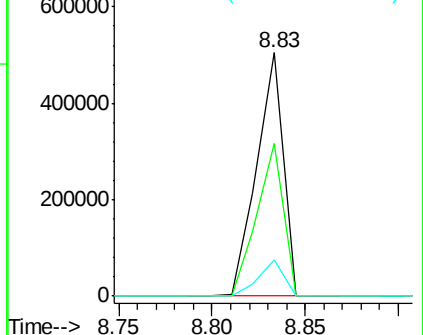
Acq: 25 Aug 2016 00:40

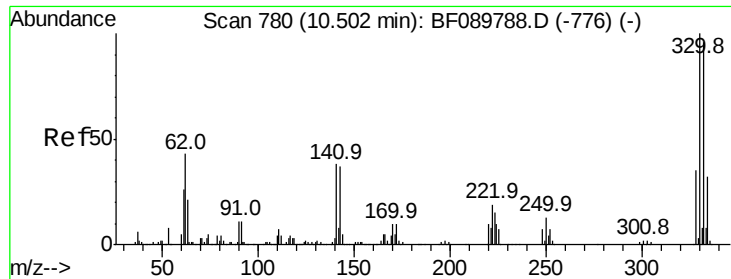
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 495139 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 62.6  | 43.7  | 83.7   |
| 272       | 14.9  | 0.0   | 31.6   |

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: 79.74 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA\_F

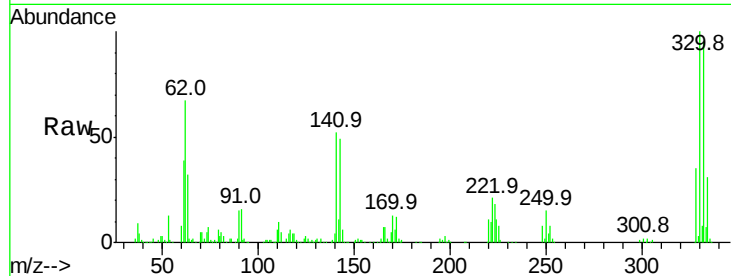
ClientSampleId :

SSTDCCC040

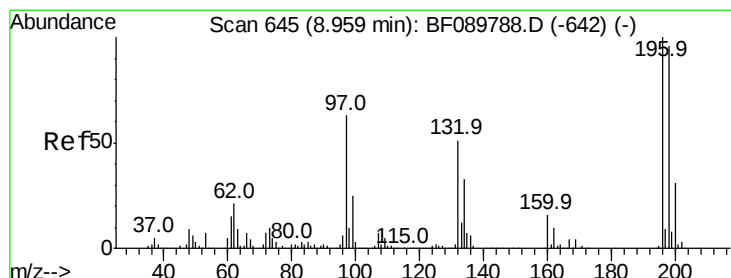
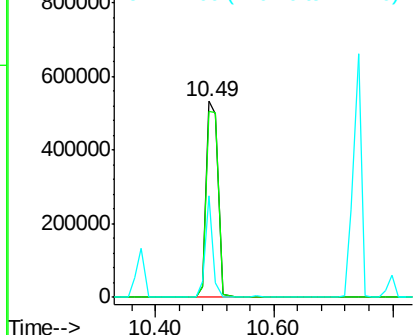
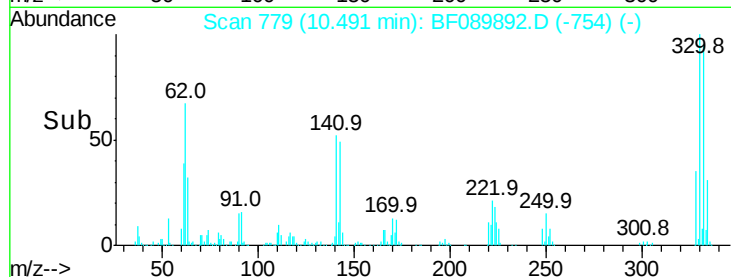
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 330   | Resp: | 743354 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 98.0  | 76.7  | 115.1  |
| 141       | 33.5  | 30.2  | 45.2   |

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Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 38.50 ng

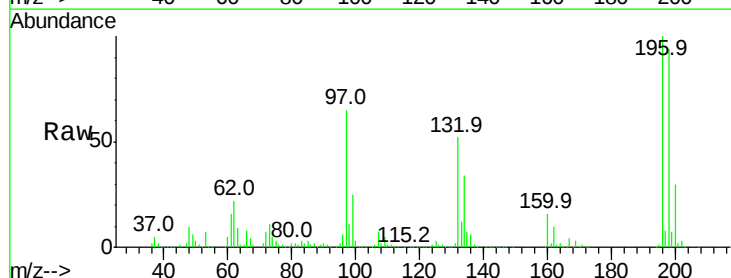
RT: 8.95 min Scan# 644

Delta R.T. -0.01 min

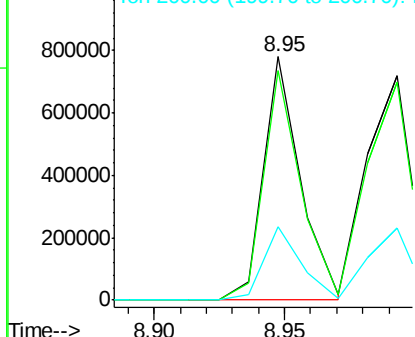
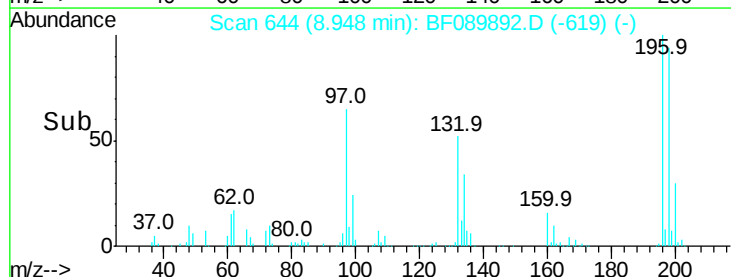
Lab File: BF089892.D

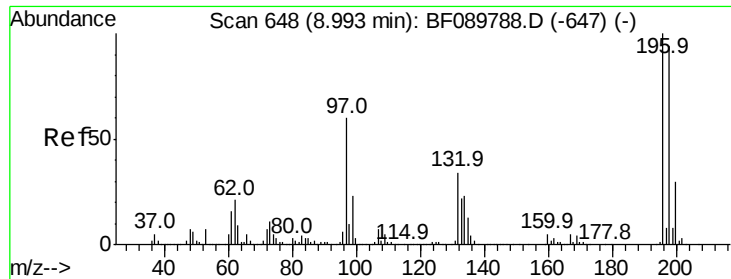
Acq: 25 Aug 2016 00:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 769303 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.4  | 76.3  | 114.5  |
| 200       | 30.4  | 24.6  | 36.8   |



Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 200.00 (199.70 to 200.70): E





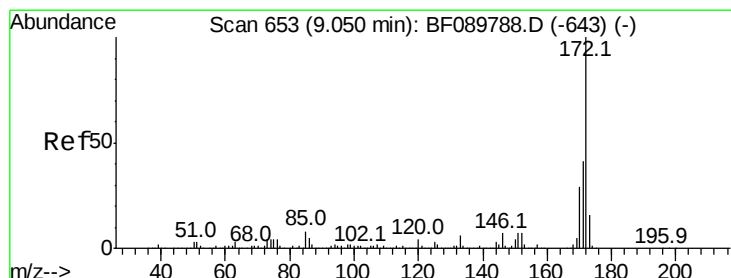
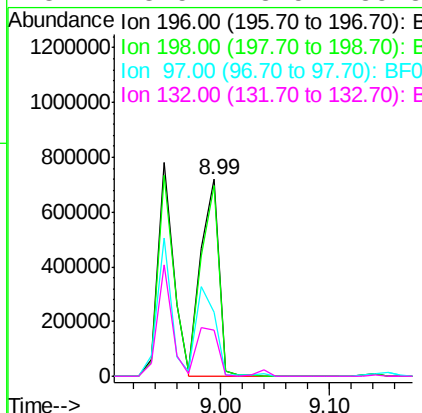
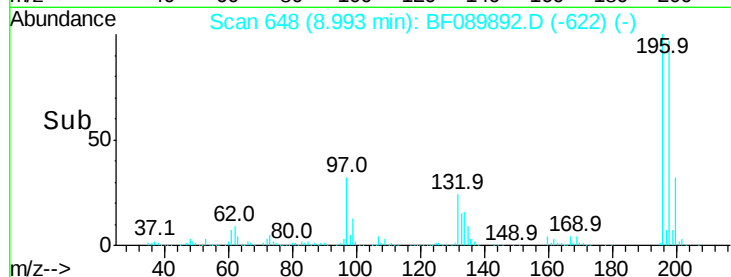
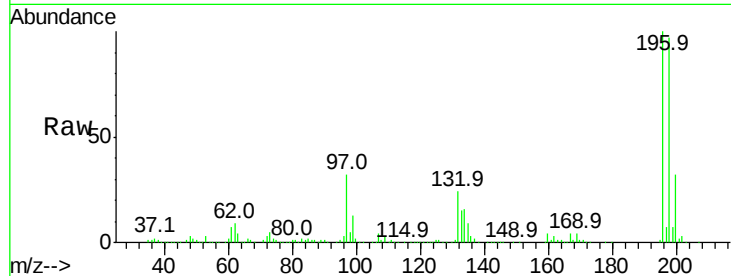
#43  
 2,4,5-Trichlorophenol  
 Concen: 42.00 ng  
 RT: 8.99 min Scan# 648  
 Delta R.T. 0.00 min  
 Lab File: BF089892.D  
 Acq: 25 Aug 2016 00:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 834786 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.2  | 76.6  | 114.8  |
| 97        | 32.3  | 35.8  | 53.8#  |
| 132       | 23.5  | 23.5  | 35.3   |

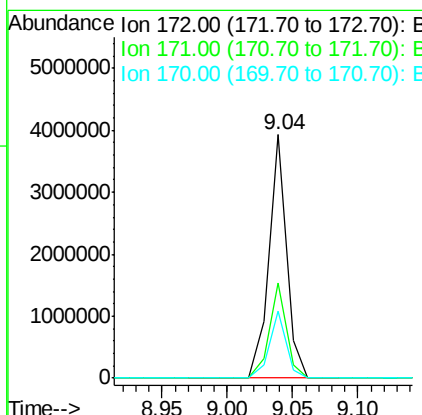
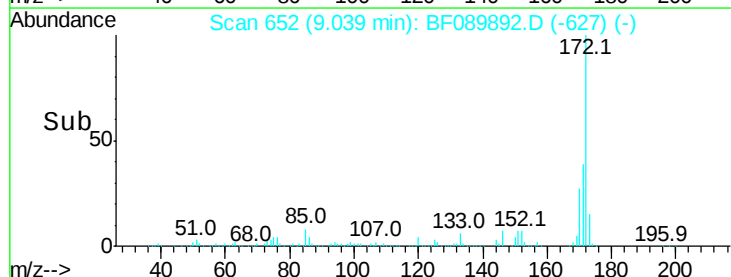
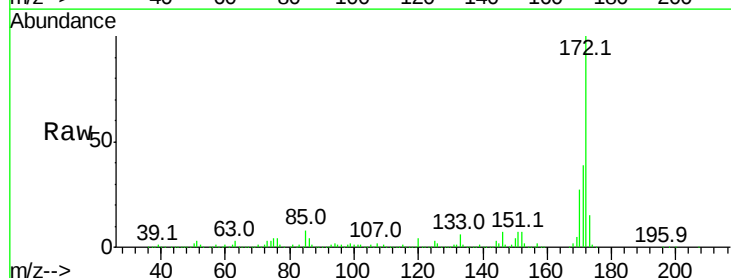
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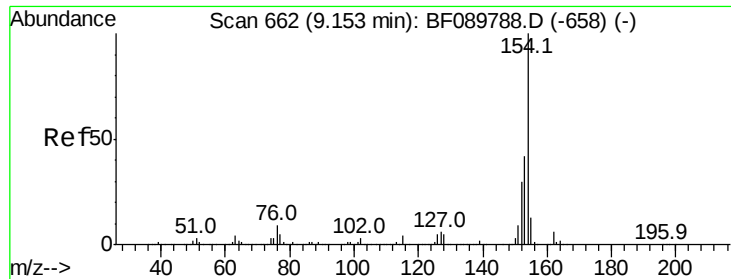
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#44  
 2-Fluorobiphenyl  
 Concen: 67.47 ng  
 RT: 9.04 min Scan# 652  
 Delta R.T. -0.01 min  
 Lab File: BF089892.D  
 Acq: 25 Aug 2016 00:40

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 172   | Resp: | 3765644 |
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 39.1  | 30.5  | 45.7    |
| 170       | 27.5  | 20.6  | 31.0    |





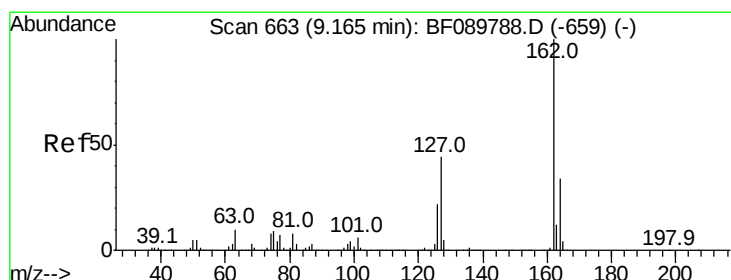
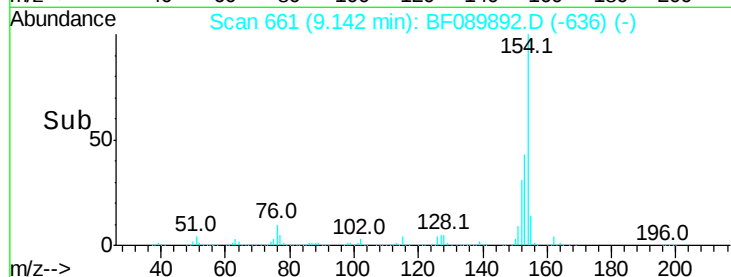
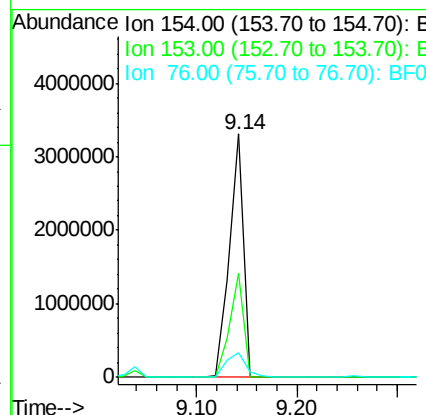
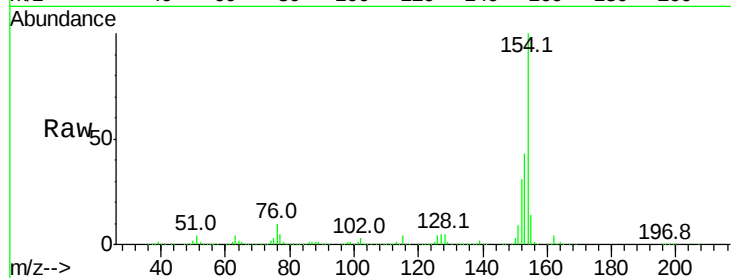
#45  
 1,1'-Biphenyl  
 Concen: 42.24 ng  
 RT: 9.14 min Scan# 661  
 Delta R.T. -0.01 min  
 Lab File: BF089892.D  
 Acq: 25 Aug 2016 00:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.9  | 21.5  | 61.5  |
| 76      | 10.1  | 0.0   | 36.7  |

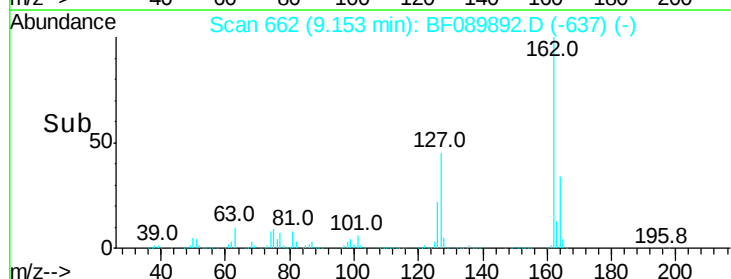
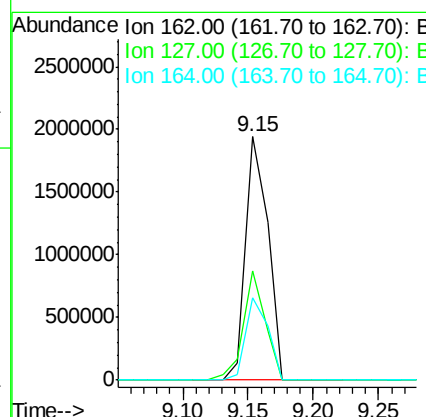
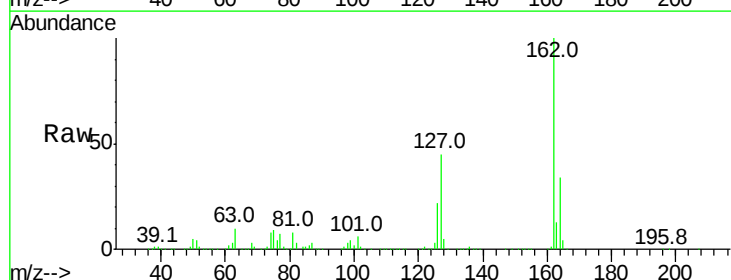
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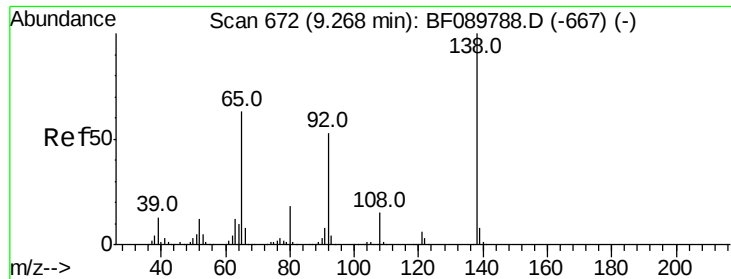
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#46  
 2-Chloronaphthalene  
 Concen: 38.20 ng  
 RT: 9.15 min Scan# 662  
 Delta R.T. -0.01 min  
 Lab File: BF089892.D  
 Acq: 25 Aug 2016 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 44.6  | 35.5  | 53.3  |
| 164     | 34.1  | 26.6  | 40.0  |





#47

2-Nitroaniline

Concen: 45.42 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA\_F

ClientSampleId :

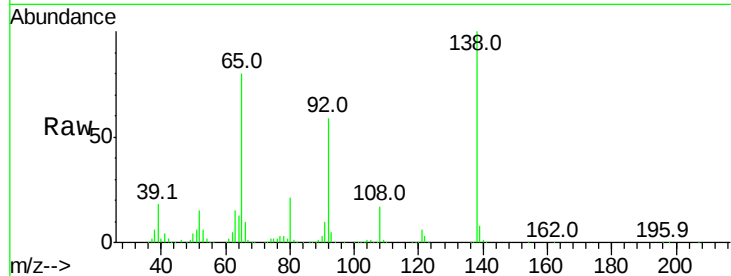
SSTDCCC040

Tot Ion: 65 Resp: 777451  
Ion Ratio Lower Upper

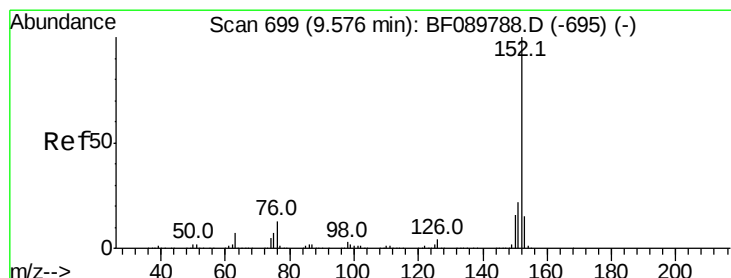
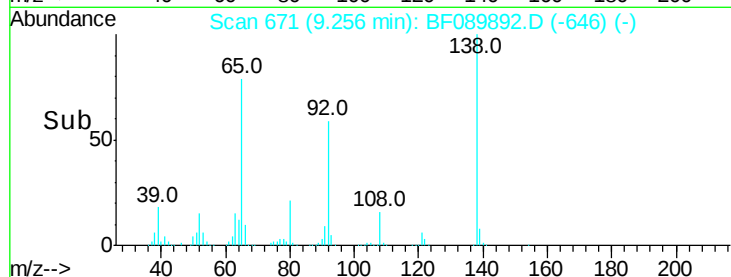
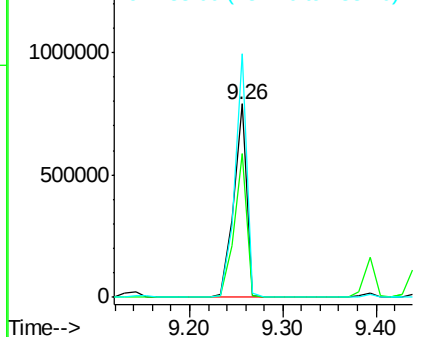
|     |       |      |        |
|-----|-------|------|--------|
| 65  | 100   |      |        |
| 92  | 74.5  | 56.3 | 84.5   |
| 138 | 125.7 | 81.8 | 122.8# |

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Abundance Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 40.66 ng

RT: 9.56 min Scan# 698

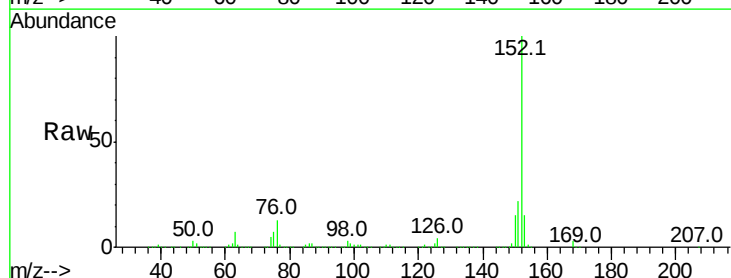
Delta R.T. -0.01 min

Lab File: BF089892.D

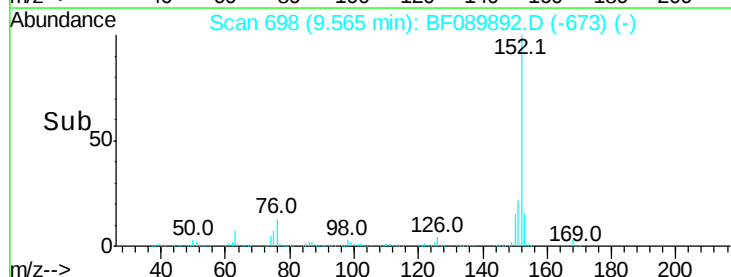
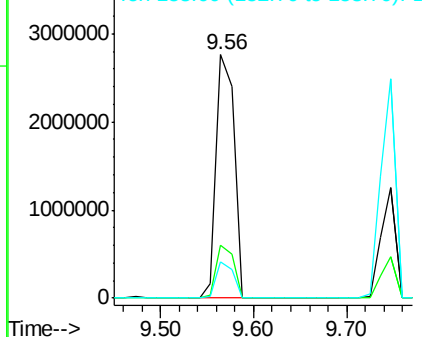
Acq: 25 Aug 2016 00:40

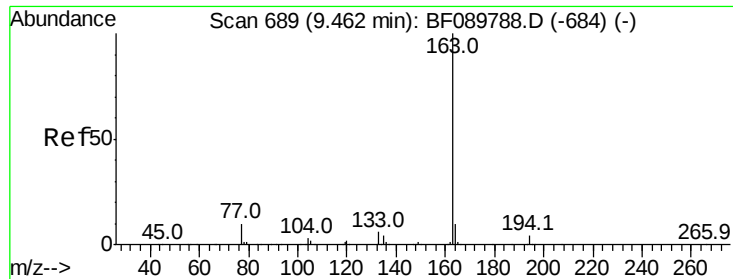
Tgt Ion: 152 Resp: 3666666  
Ion Ratio Lower Upper

|     |      |      |      |
|-----|------|------|------|
| 152 | 100  |      |      |
| 151 | 21.6 | 17.1 | 25.7 |
| 153 | 14.7 | 11.2 | 16.8 |



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E





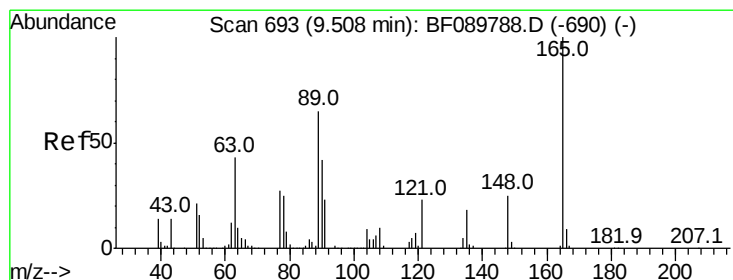
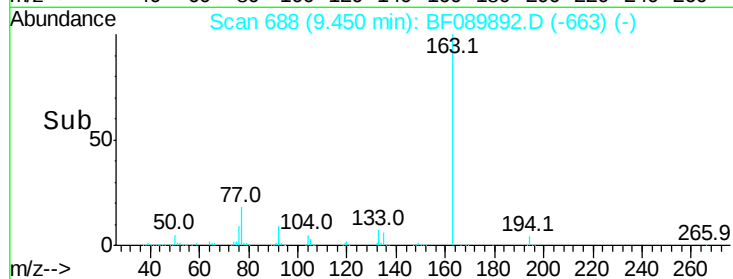
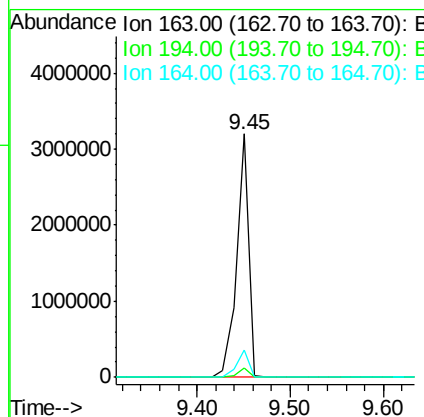
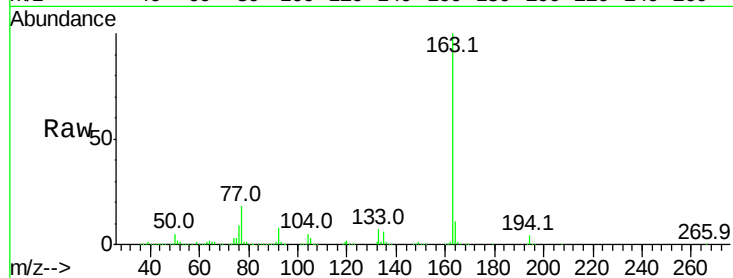
#49  
Dimethylphthalate  
Concen: 42.10 ng  
RT: 9.45 min Scan# 688  
Delta R.T. -0.01 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.8   | 2.6   | 3.8   |
| 164     | 11.1  | 8.6   | 12.8  |

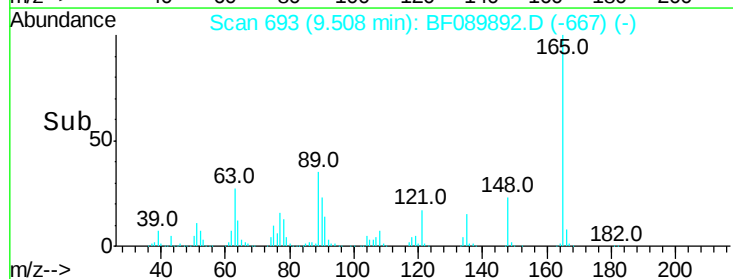
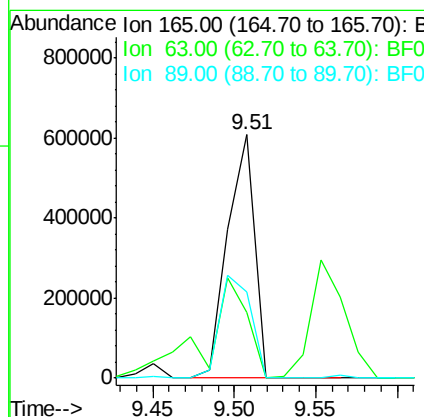
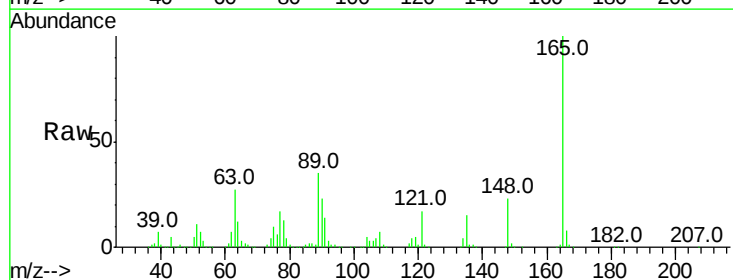
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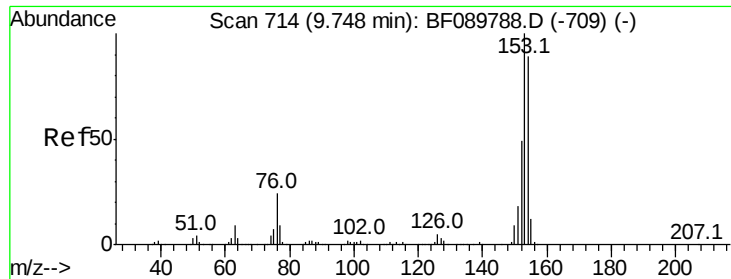
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#50  
2,6-Dinitrotoluene  
Concen: 43.03 ng  
RT: 9.51 min Scan# 693  
Delta R.T. 0.00 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 26.9  | 41.7  | 62.5# |
| 89      | 35.1  | 44.6  | 67.0# |





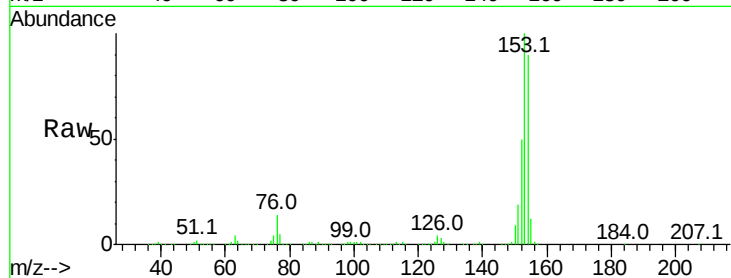
#51  
Acenaphthene  
Concen: 43.31 ng  
RT: 9.75 min Scan# 714  
Delta R.T. 0.00 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

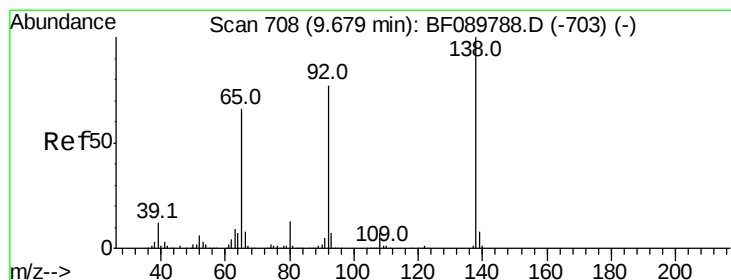
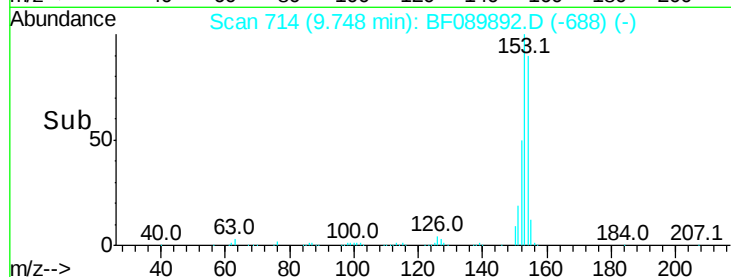
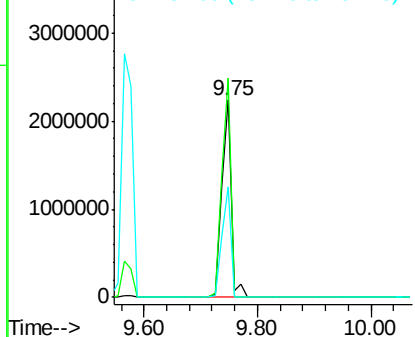
Tot Ion:154 Resp: 2584879  
Ion Ratio Lower Upper  
154 100  
153 111.2 90.5 135.7  
152 55.8 44.6 67.0

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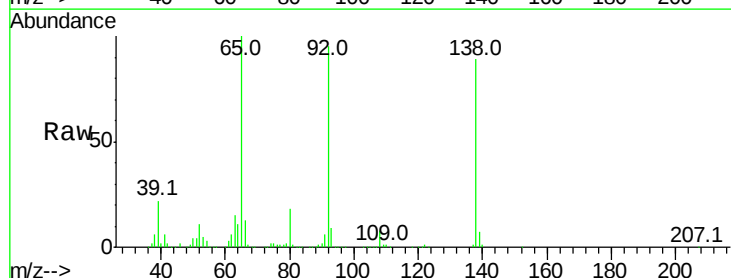


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

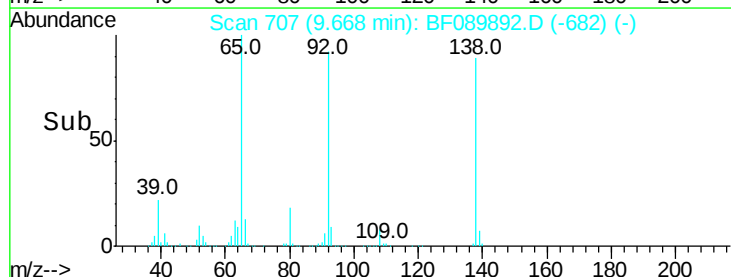
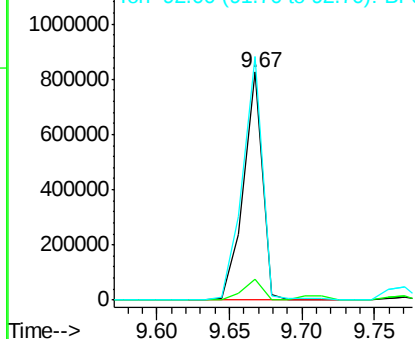


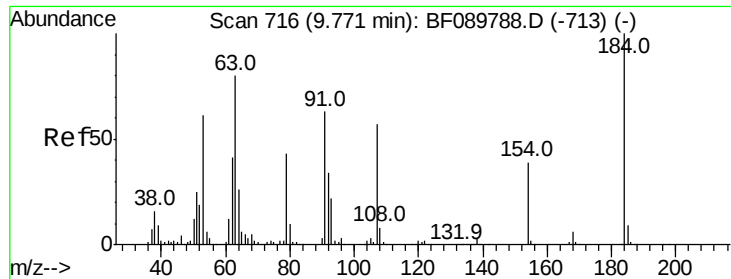
#52  
3-Nitroaniline  
Concen: 42.75 ng  
RT: 9.67 min Scan# 707  
Delta R.T. -0.01 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

Tgt Ion:138 Resp: 755188  
Ion Ratio Lower Upper  
138 100  
108 9.4 8.1 12.1  
92 106.7 92.7 139.1



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF0





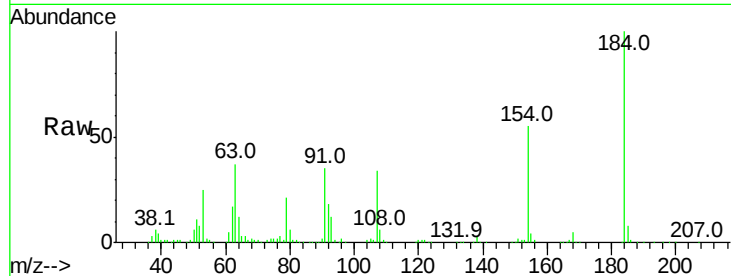
#53  
2,4-Dinitrophenol  
Concen: 37.29 ng  
RT: 9.77 min Scan# 716  
Delta R.T. 0.00 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

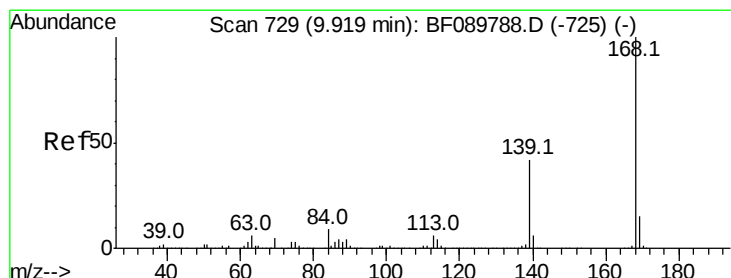
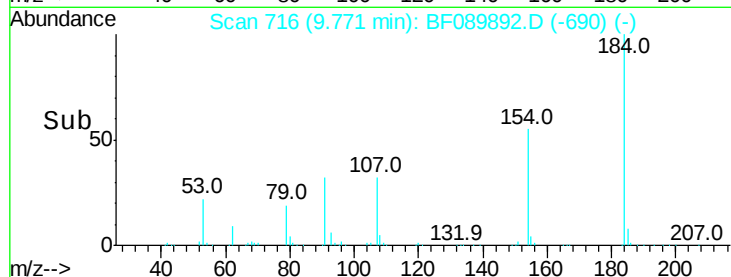
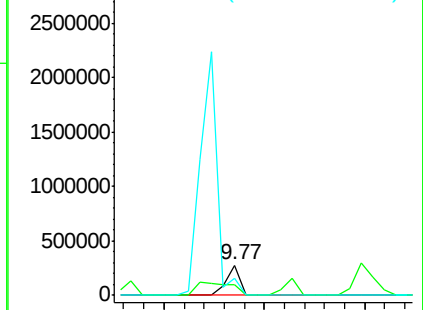
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 36.6  | 54.2  | 81.4# |
| 154     | 55.5  | 52.7  | 79.1  |

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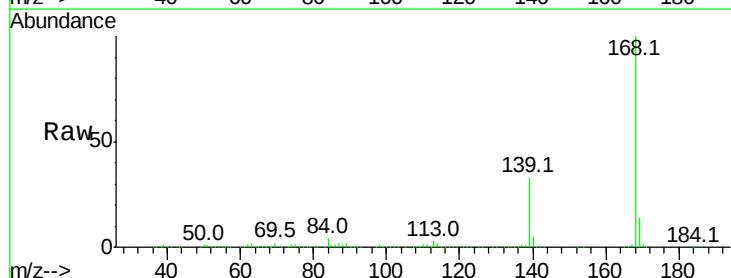


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

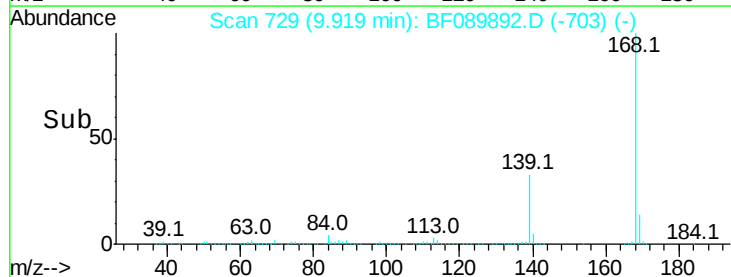
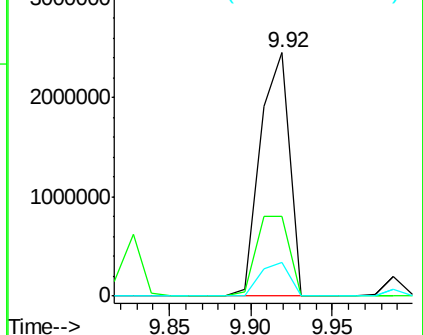


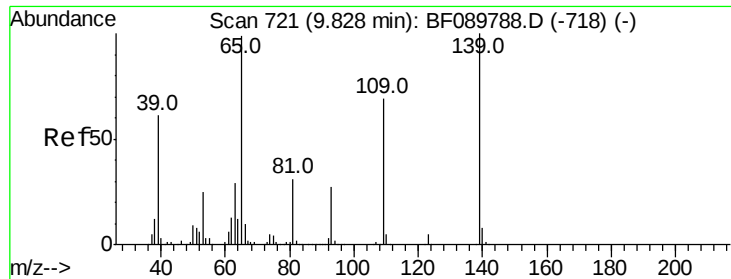
#54  
Dibenzofuran  
Concen: 40.74 ng  
RT: 9.92 min Scan# 729  
Delta R.T. 0.00 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 32.9  | 34.6  | 52.0# |
| 169     | 13.7  | 11.5  | 17.3  |



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 38.95 ng

RT: 9.83 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA\_F

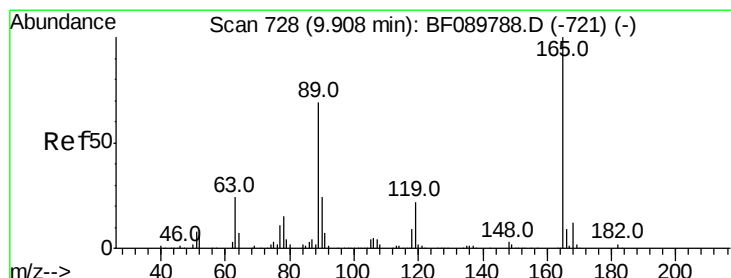
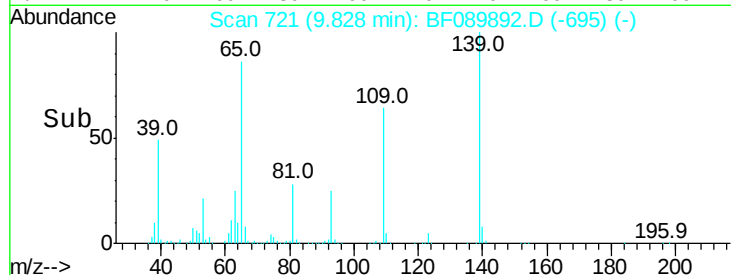
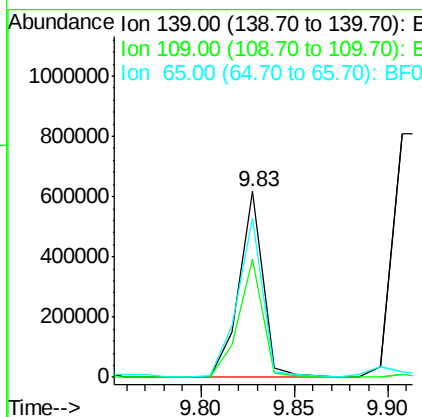
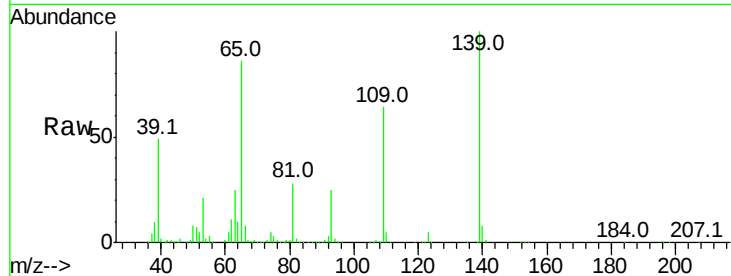
ClientSampled :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 139   | Resp: | 561651 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 63.5  | 43.0  | 83.0   |
| 65        | 85.7  | 55.7  | 95.7   |

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#56

2,4-Dinitrotoluene

Concen: 38.19 ng

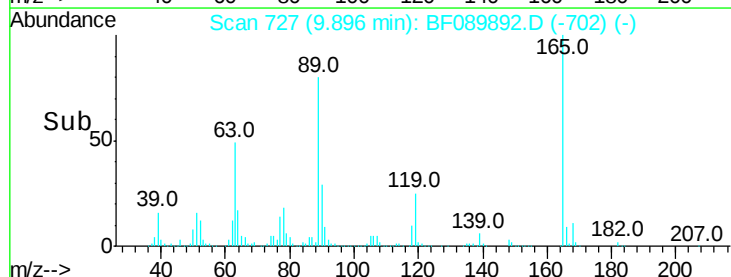
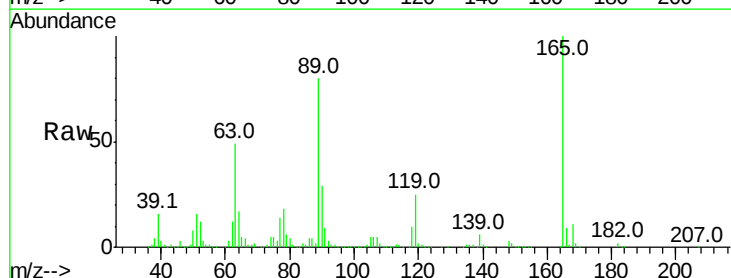
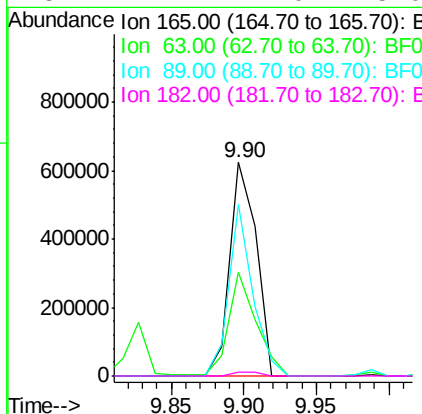
RT: 9.90 min Scan# 727

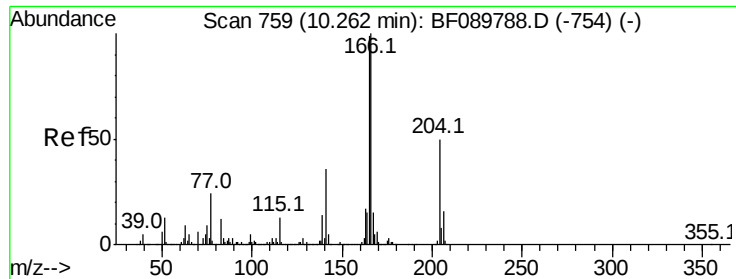
Delta R.T. -0.01 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 790164 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 48.6  | 23.7  | 35.5#  |
| 89        | 80.2  | 44.0  | 66.0#  |
| 182       | 2.1   | 2.0   | 3.0    |





#57

Fluorene

Concen: 38.93 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA\_F

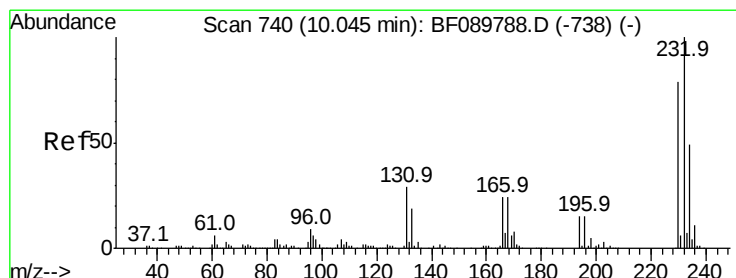
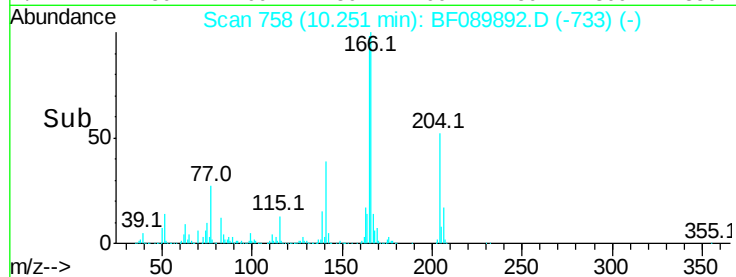
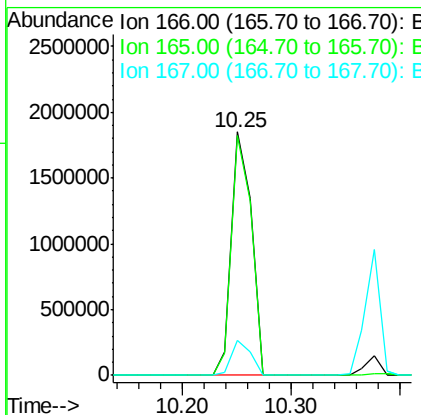
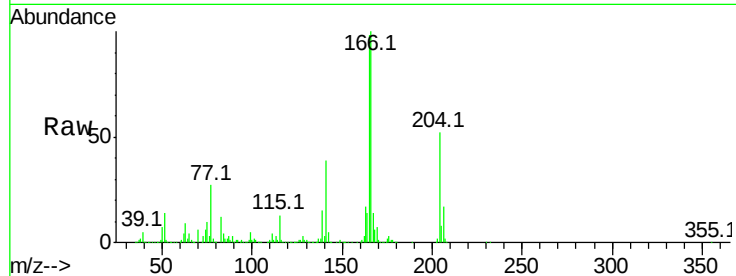
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.4  | 80.2  | 120.4 |
| 167     | 14.5  | 11.3  | 16.9  |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.36 ng

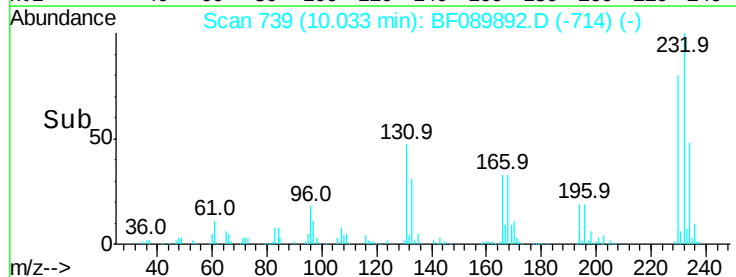
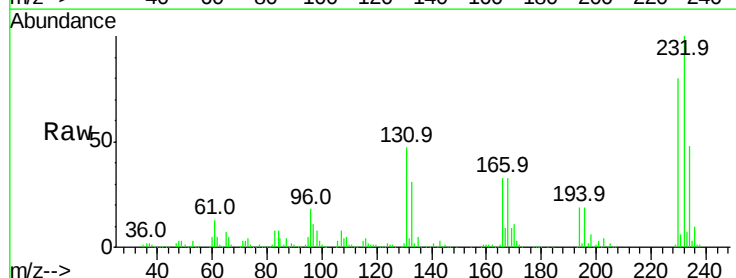
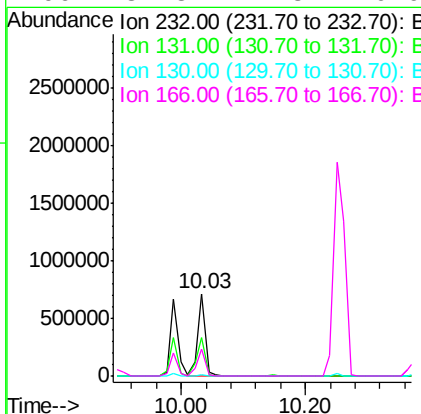
RT: 10.03 min Scan# 739

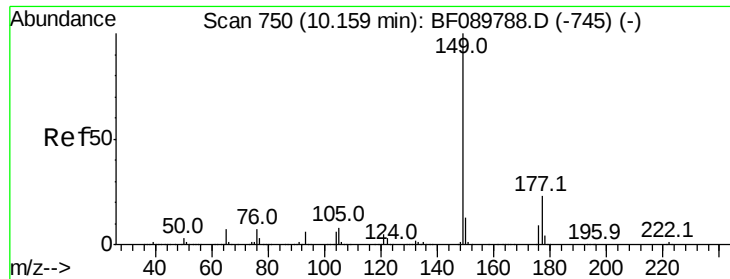
Delta R.T. -0.01 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 51.8  | 42.5  | 63.7  |
| 130     | 2.5   | 2.2   | 3.4   |
| 166     | 34.8  | 27.3  | 40.9  |





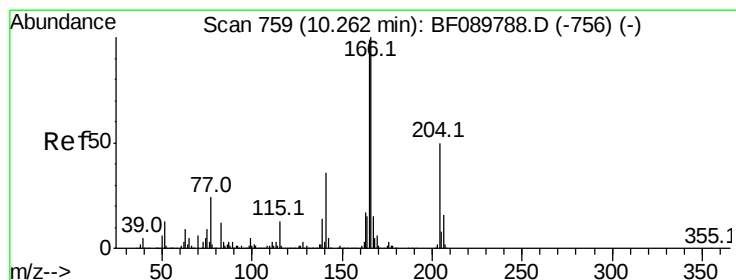
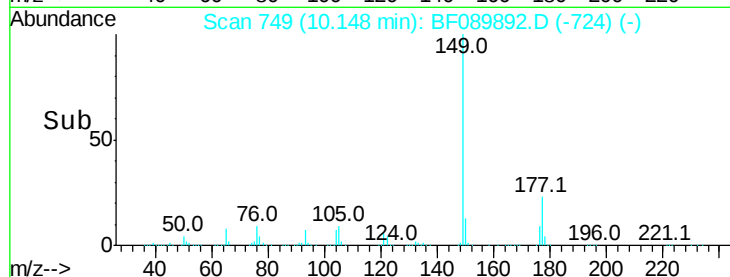
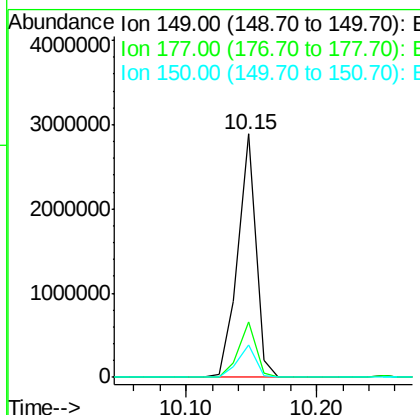
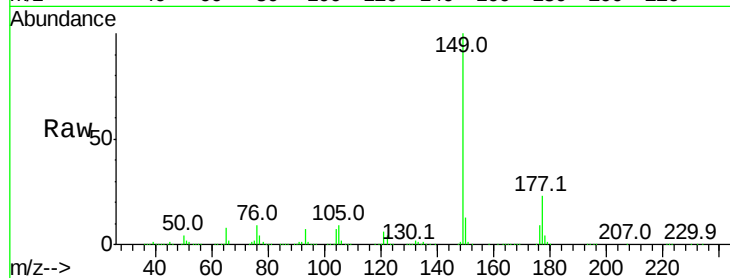
#59  
Diethylphthalate  
Concen: 39.49 ng  
RT: 10.15 min Scan# 749  
Delta R.T. -0.01 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.7  | 16.6  | 25.0  |
| 150     | 13.5  | 10.5  | 15.7  |

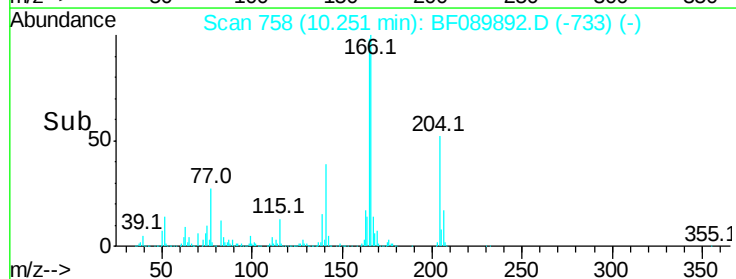
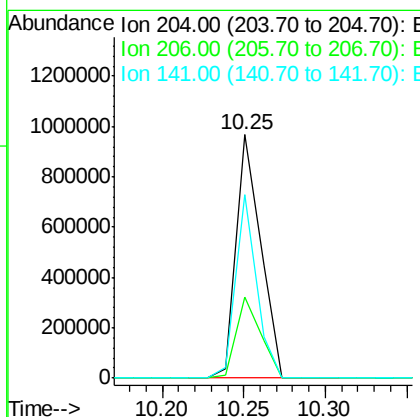
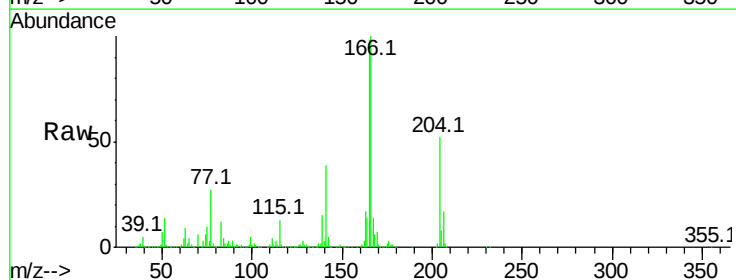
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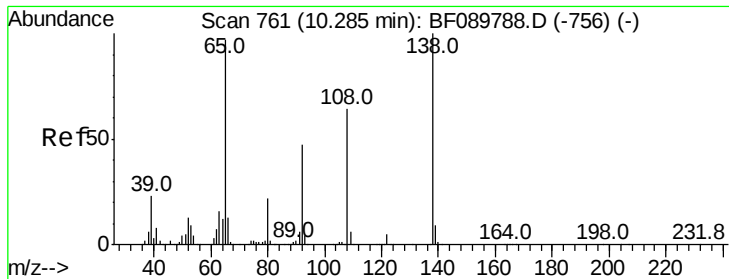
umangi  
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#60  
4-Chlorophenyl-phenylether  
Concen: 36.65 ng  
RT: 10.25 min Scan# 758  
Delta R.T. -0.01 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.4  | 26.5  | 39.7  |
| 141     | 75.3  | 54.1  | 81.1  |





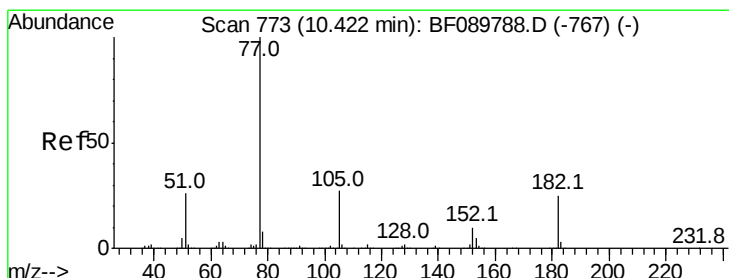
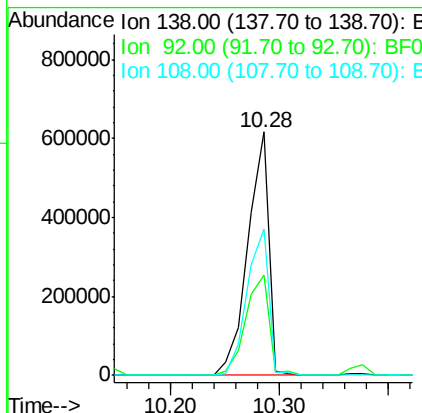
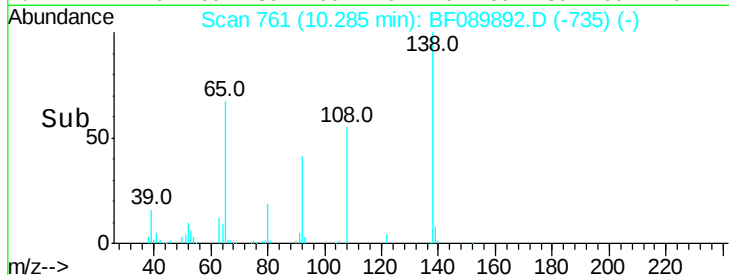
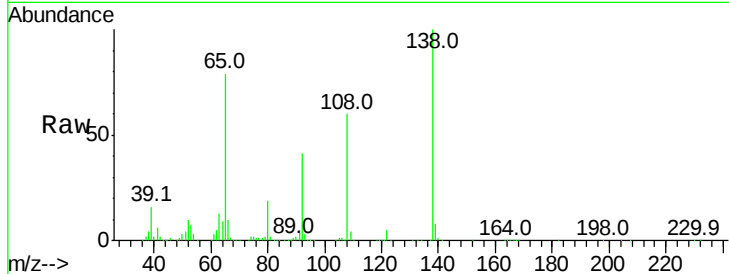
#61  
4-Nitroaniline  
Concen: 50.03 ng  
RT: 10.28 min Scan# 761  
Delta R.T. 0.00 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 41.3  | 26.4  | 66.4  |
| 108     | 60.1  | 47.0  | 87.0  |

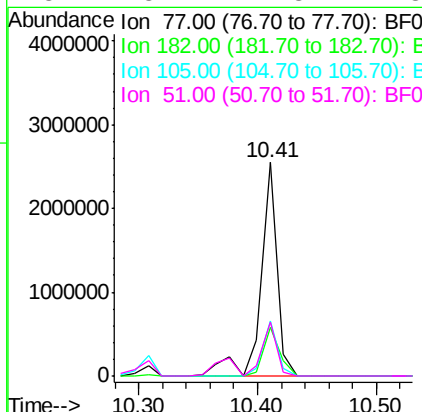
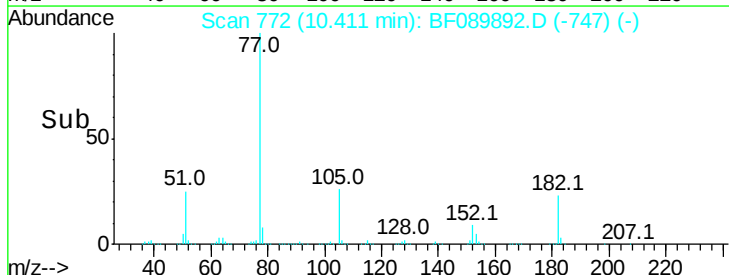
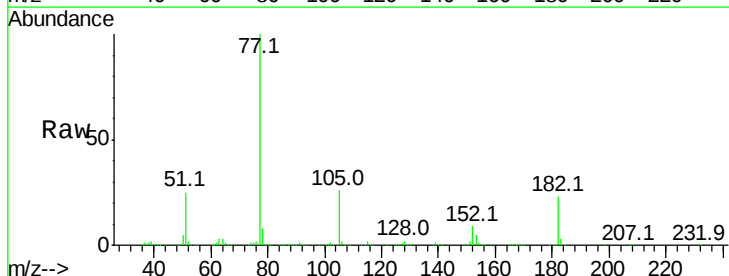
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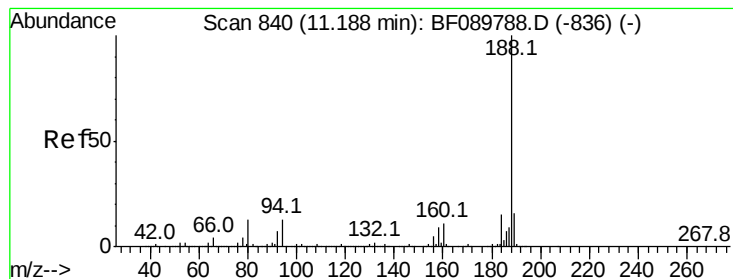
umangi  
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#62  
Azobenzene  
Concen: 37.64 ng  
RT: 10.41 min Scan# 772  
Delta R.T. -0.01 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 22.7  | 5.6   | 45.6  |
| 105     | 25.9  | 4.0   | 44.0  |
| 51      | 25.2  | 7.8   | 47.8  |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:188 Resp: 1778529

Ion Ratio Lower Upper

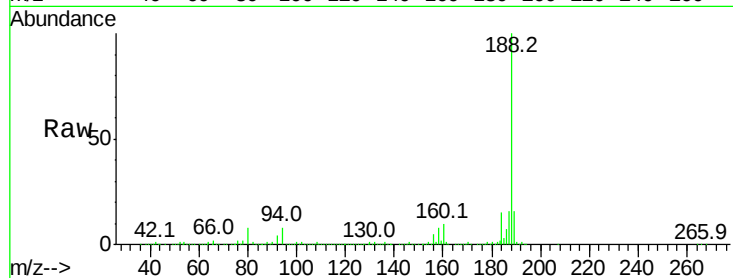
188 100

94 7.9 10.2 15.2#

80 7.8 10.9 16.3#

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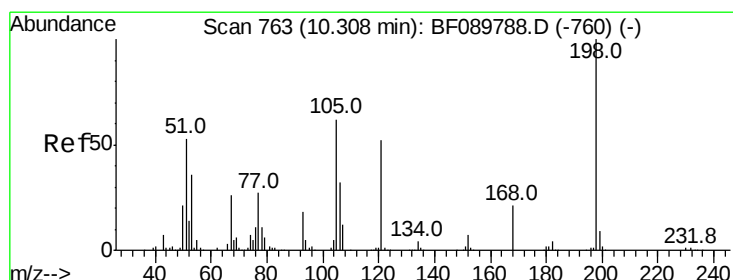
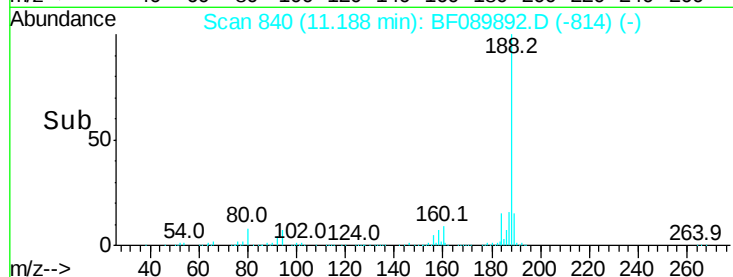
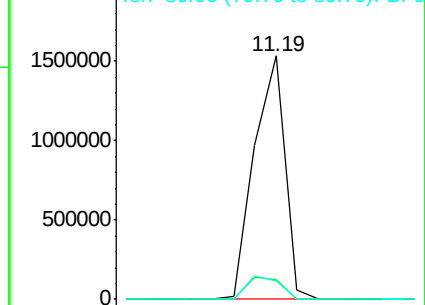
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.85 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

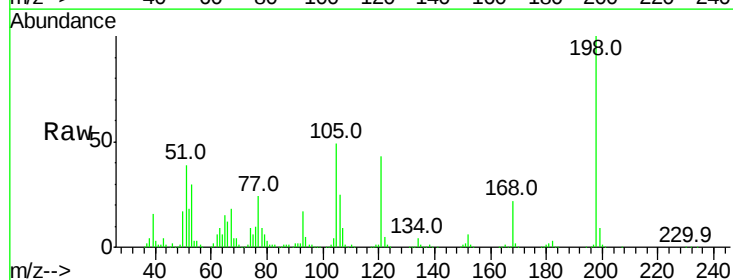
Tgt Ion:198 Resp: 407309

Ion Ratio Lower Upper

198 100

51 39.4 32.3 72.3

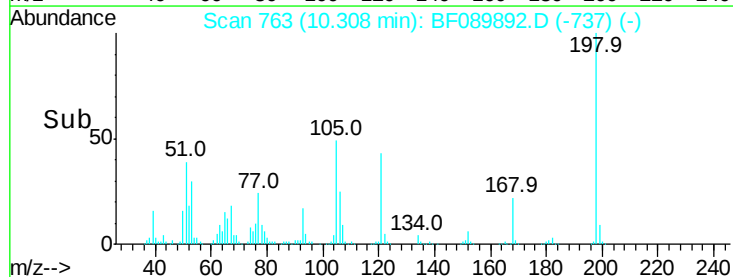
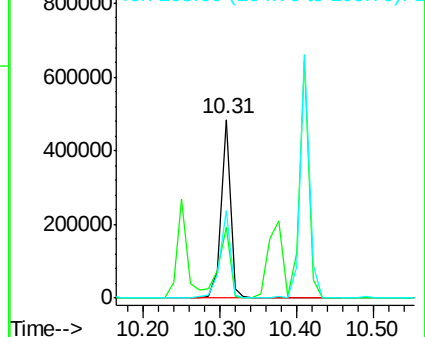
105 49.3 32.9 72.9

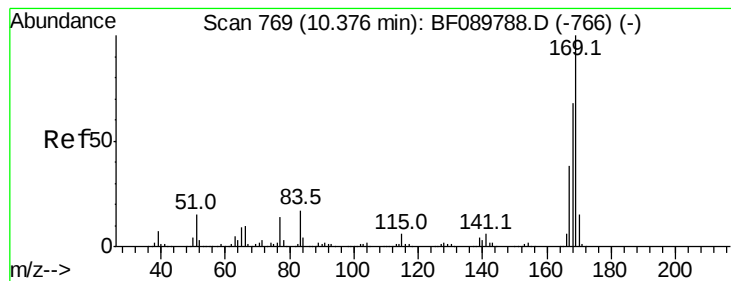


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





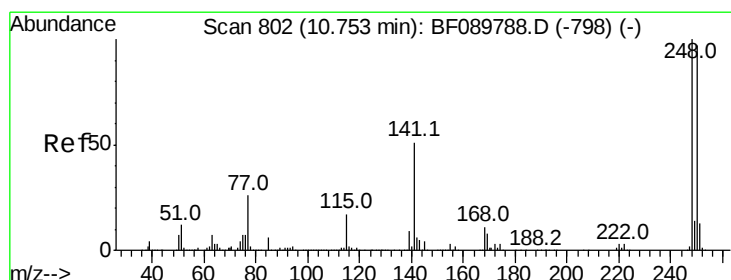
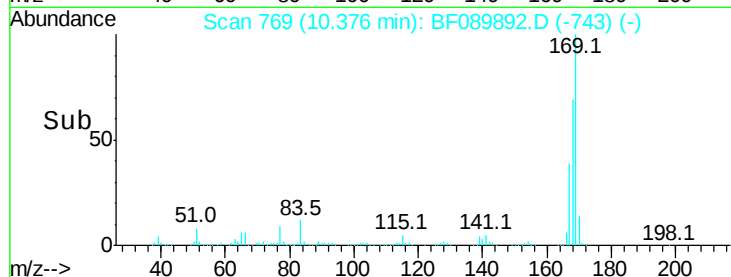
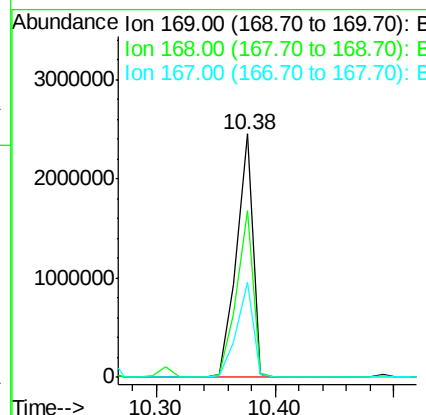
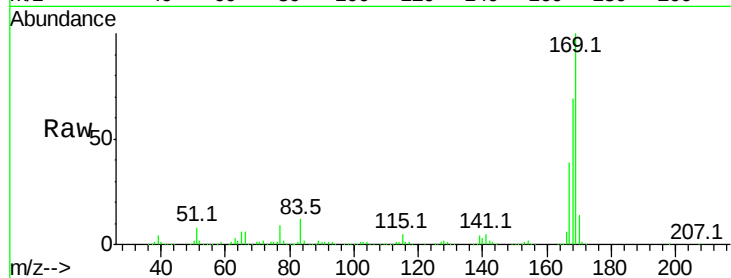
#65  
 n-Nitrosodiphenylamine  
 Concen: 42.44 ng  
 RT: 10.38 min Scan# 769  
 Delta R.T. 0.00 min  
 Lab File: BF089892.D  
 Acq: 25 Aug 2016 00:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.7  | 54.6  | 82.0  |
| 167     | 39.0  | 30.6  | 45.8  |

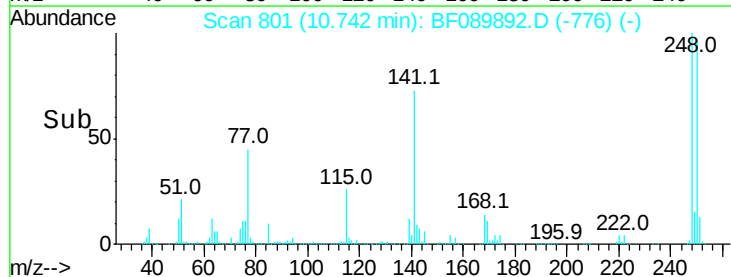
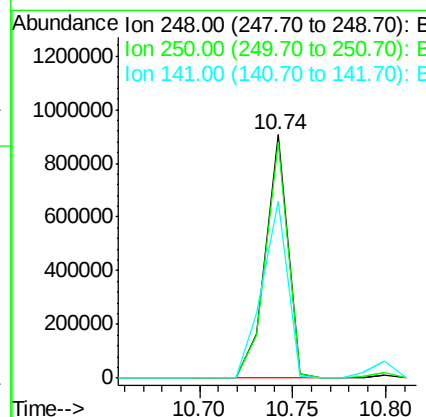
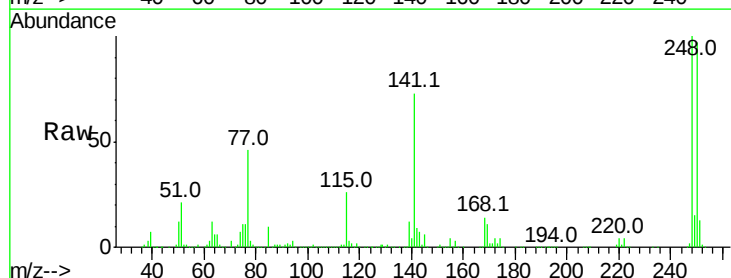
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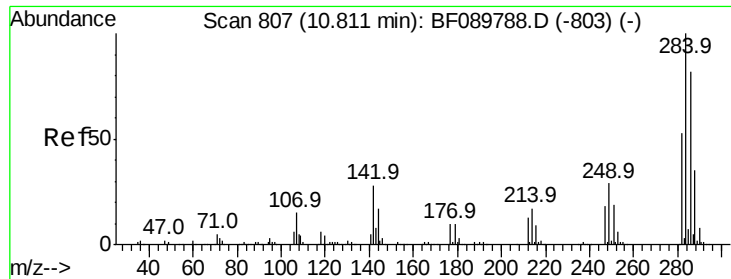
umangi  
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#66  
 4-Bromophenyl-phenylether  
 Concen: 40.22 ng  
 RT: 10.74 min Scan# 801  
 Delta R.T. -0.01 min  
 Lab File: BF089892.D  
 Acq: 25 Aug 2016 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.0  | 78.6  | 117.8 |
| 141     | 72.9  | 31.4  | 47.2  |





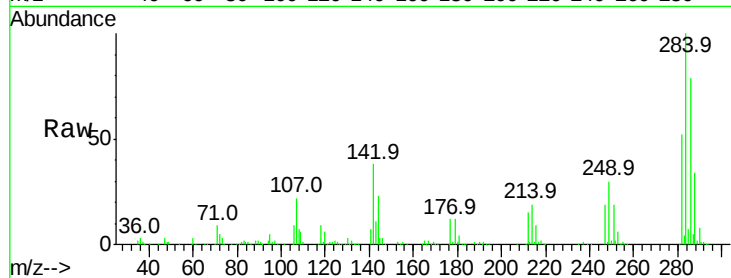
#67  
Hexachlorobenzene  
Concen: 36.39 ng  
RT: 10.80 min Scan# 806  
Delta R.T. -0.01 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

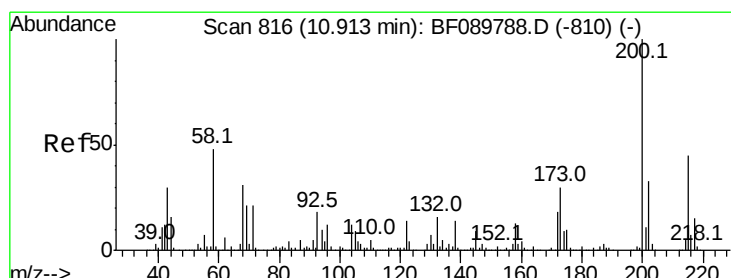
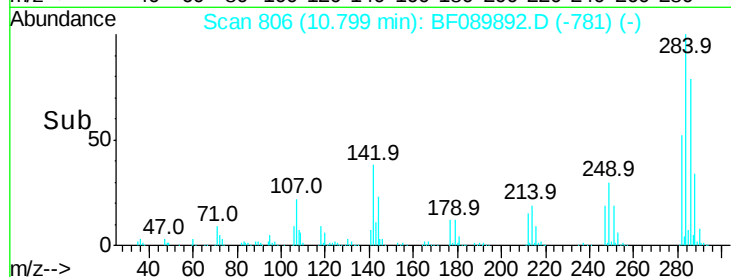
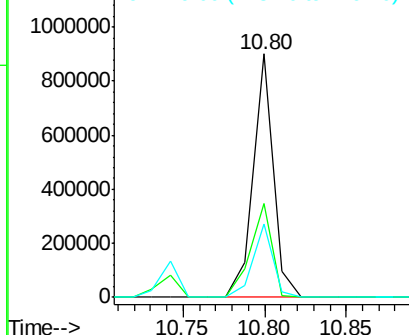
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 774048 |       |       |
| 142     | 38.4  |        | 17.4  | 26.2# |
| 249     | 30.1  |        | 22.8  | 34.2  |

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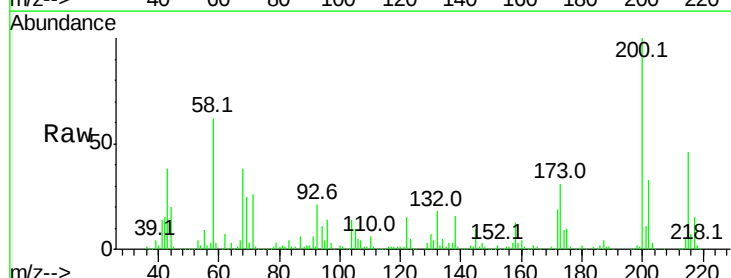


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

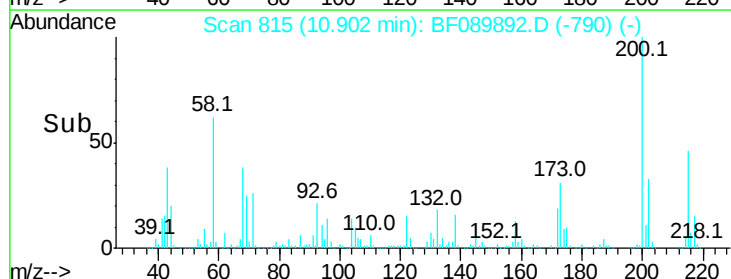
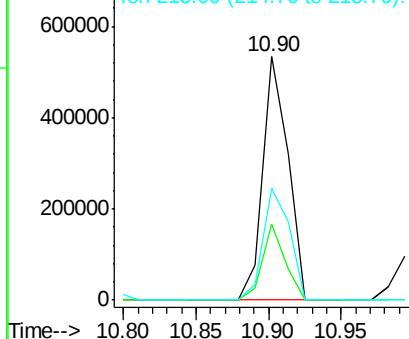


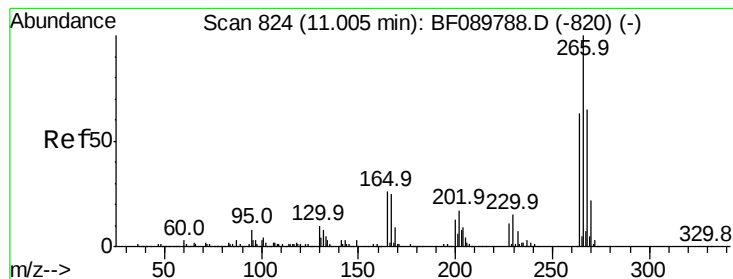
#68  
Atrazine  
Concen: 37.51 ng  
RT: 10.90 min Scan# 815  
Delta R.T. -0.01 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 642357 |       |       |
| 173     | 31.0  |        | 6.6   | 46.6  |
| 215     | 45.9  |        | 24.7  | 64.7  |



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





#69

Pentachlorophenol

Concen: 41.66 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA\_F

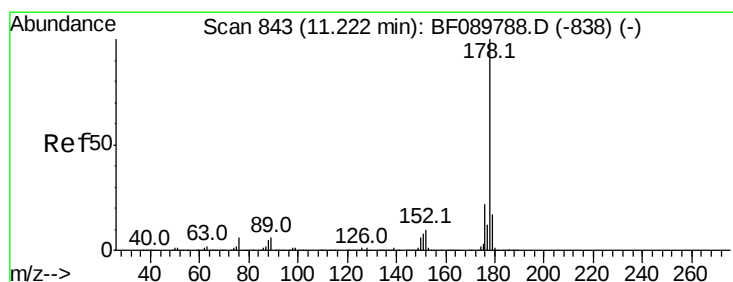
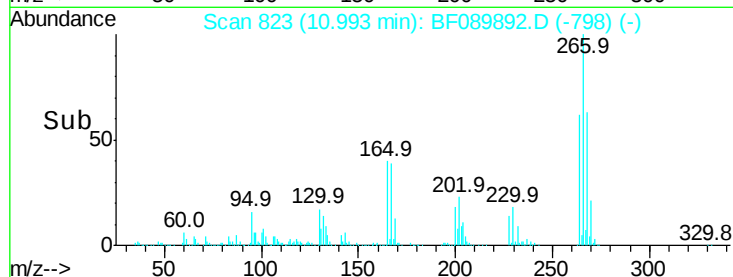
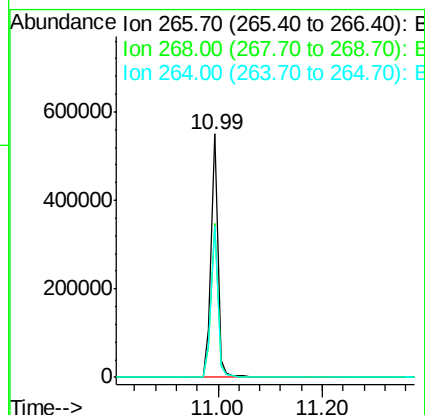
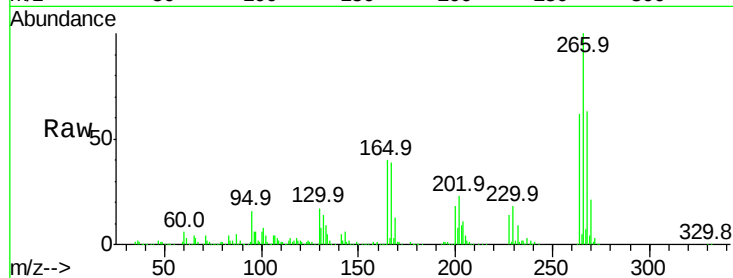
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 266  | Resp: | 502275 |
| Ion Ratio |      | Lower | Upper  |
| 266       | 100  |       |        |
| 268       | 63.1 | 53.2  | 79.8   |
| 264       | 62.4 | 51.1  | 76.7   |

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#70

Phenanthrene

Concen: 38.84 ng

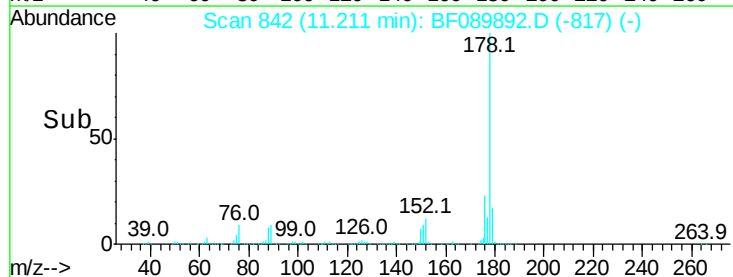
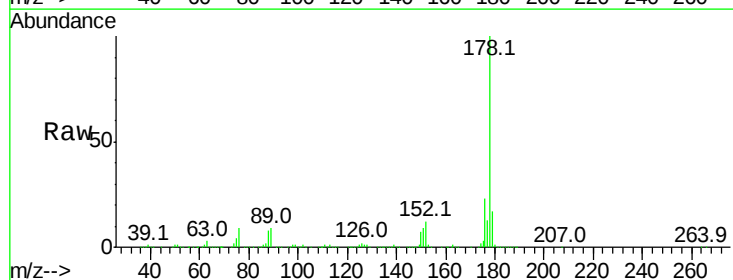
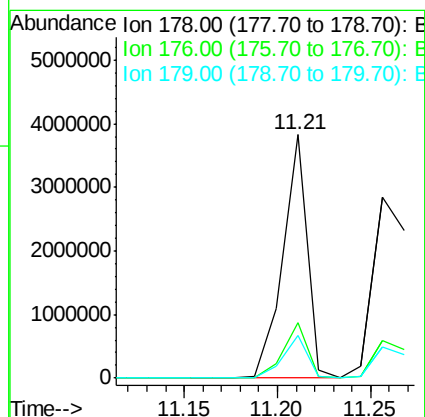
RT: 11.21 min Scan# 842

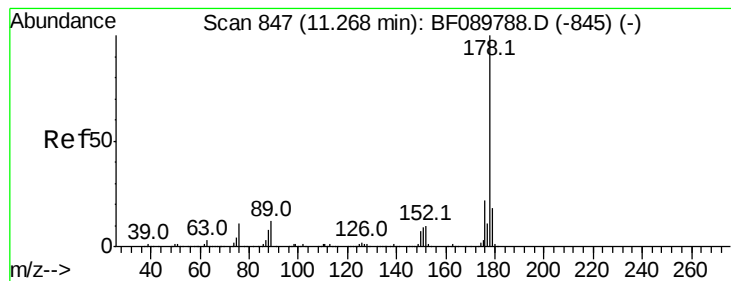
Delta R.T. -0.01 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 178  | Resp: | 3489200 |
| Ion Ratio |      | Lower | Upper   |
| 178       | 100  |       |         |
| 176       | 22.7 | 16.4  | 24.6    |
| 179       | 17.4 | 12.5  | 18.7    |





#71

Anthracene

Concen: 40.50 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 3697957

Ion Ratio Lower Upper

178 100

176 20.8 16.4 24.6

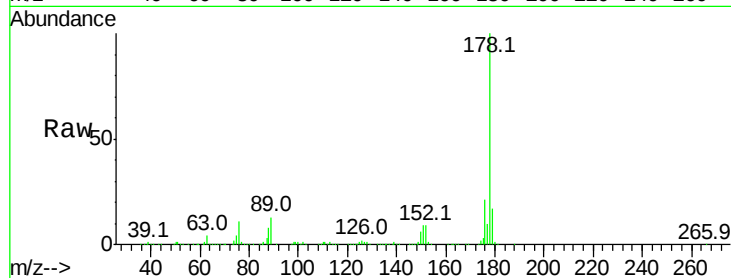
179 17.3 13.1 19.7

Manual Integrations

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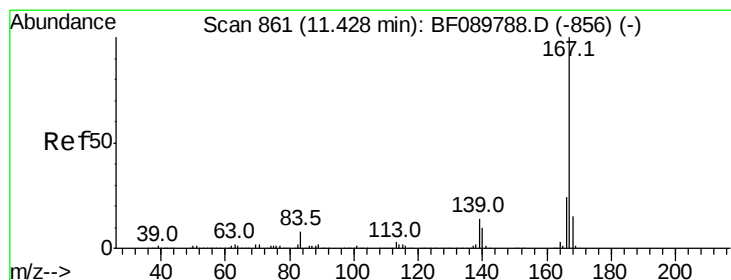
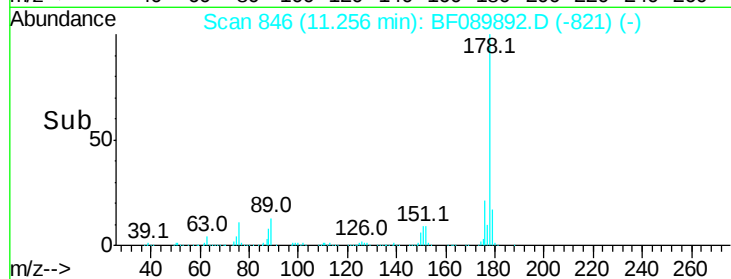
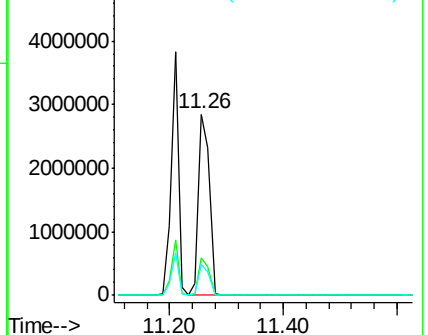
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.70 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

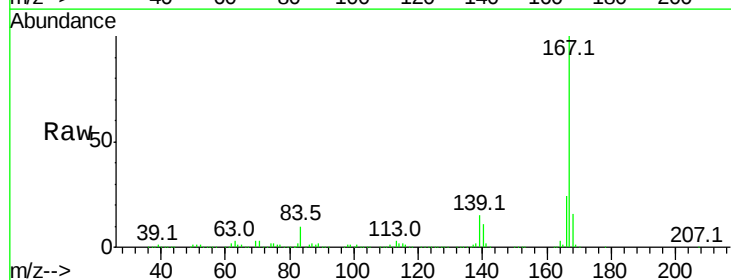
Tgt Ion:167 Resp: 3169562

Ion Ratio Lower Upper

167 100

166 23.7 17.9 26.9

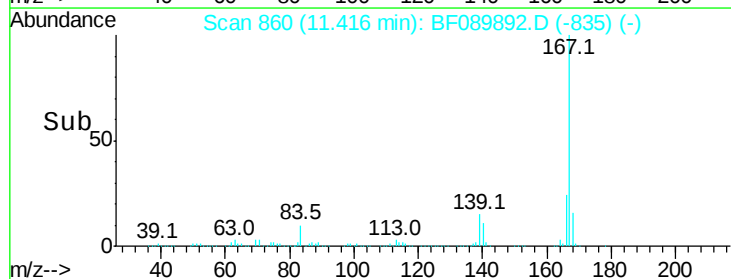
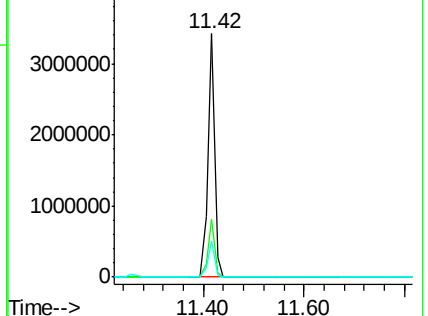
139 15.0 12.4 18.6

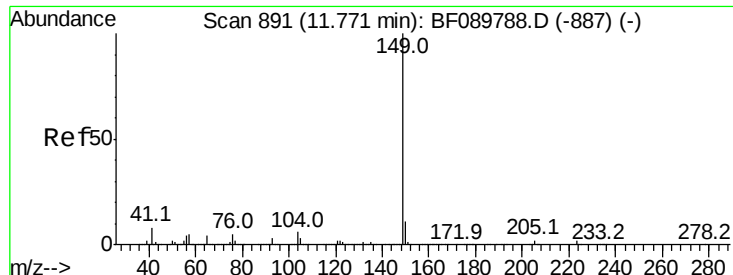


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





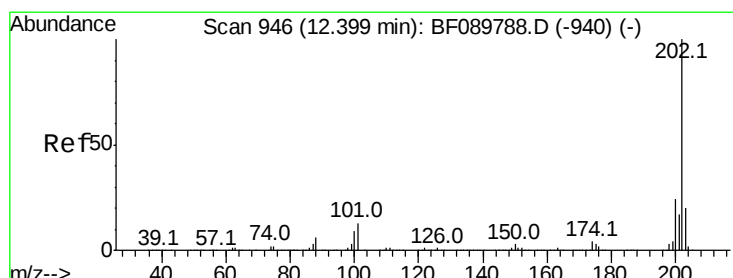
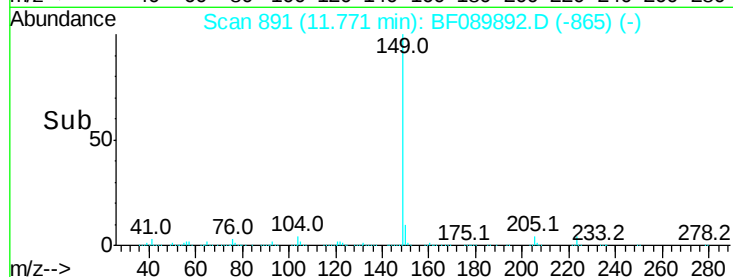
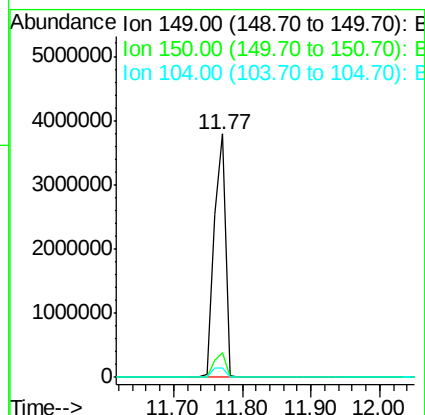
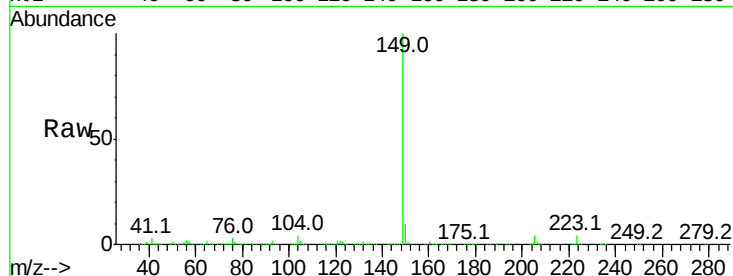
#73  
Di-n-butylphthalate  
Concen: 42.93 ng  
RT: 11.77 min Scan# 891  
Delta R.T. 0.00 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:149 Resp: 4398637  
Ion Ratio Lower Upper  
149 100  
150 10.4 7.9 11.9  
104 4.1 4.3 6.5#

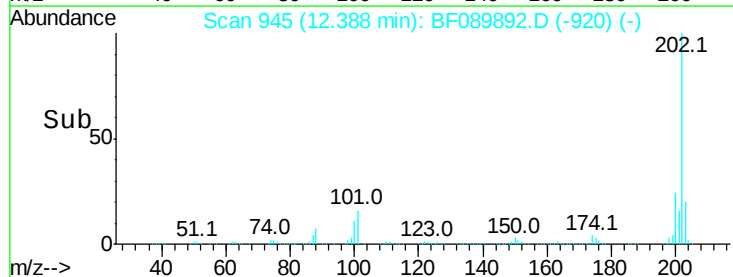
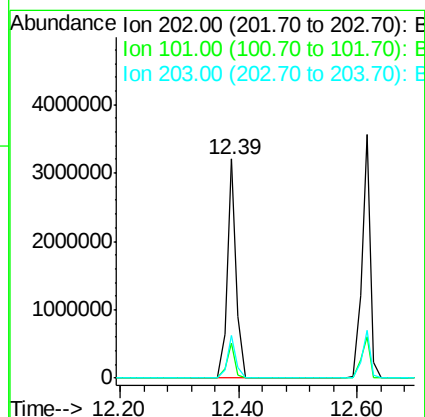
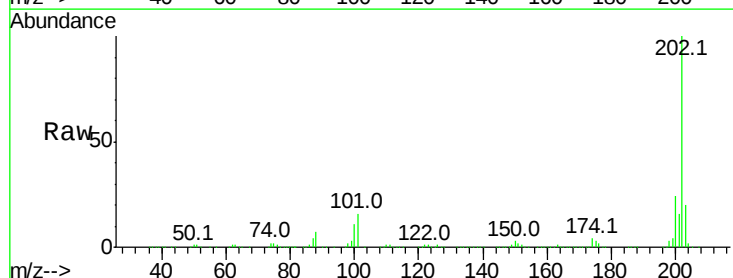
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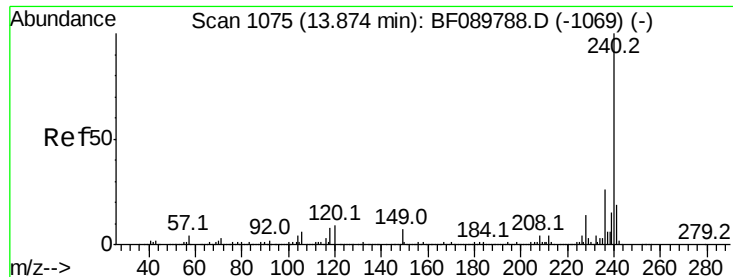
umangi  
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#74  
Fluoranthene  
Concen: 38.53 ng  
RT: 12.39 min Scan# 945  
Delta R.T. -0.01 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

Tgt Ion:202 Resp: 3291988  
Ion Ratio Lower Upper  
202 100  
101 15.9 0.0 31.2  
203 19.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.05 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 1231537

Ion Ratio Lower Upper

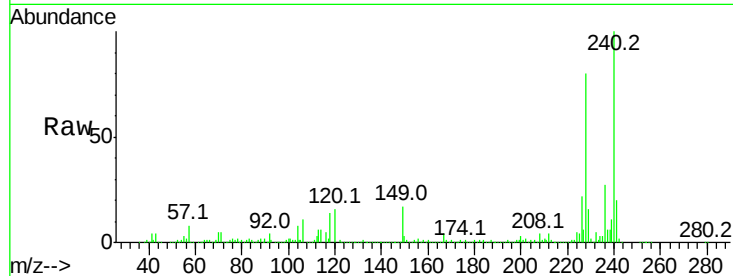
240 100

120 16.1 8.3 12.5#

236 27.1 21.3 31.9

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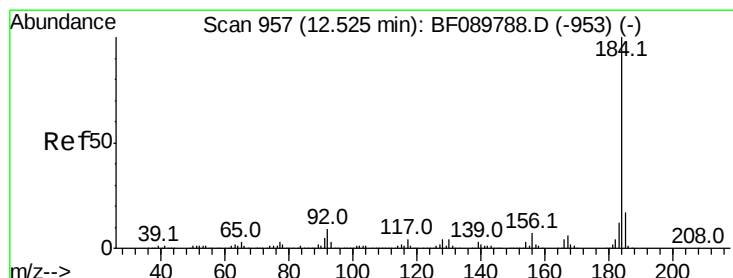
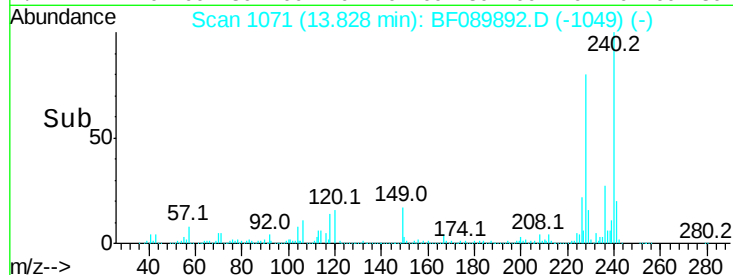
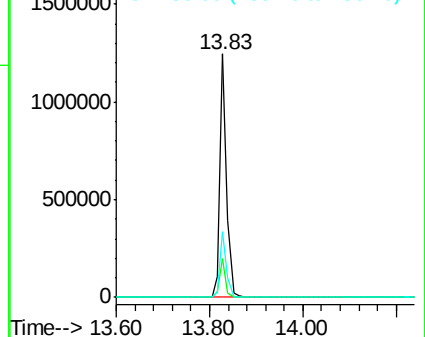
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.42 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

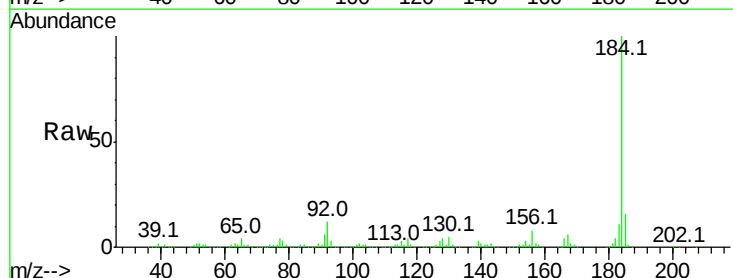
Tgt Ion:184 Resp: 1730626

Ion Ratio Lower Upper

184 100

185 16.1 13.8 20.8

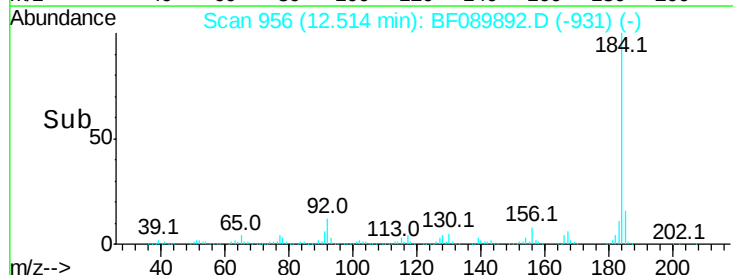
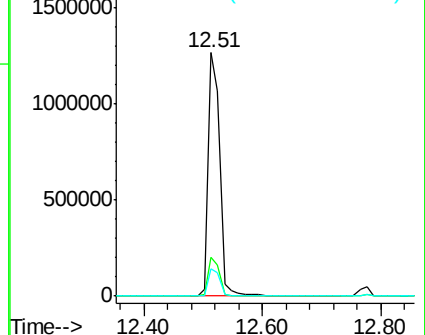
183 11.5 9.7 14.5

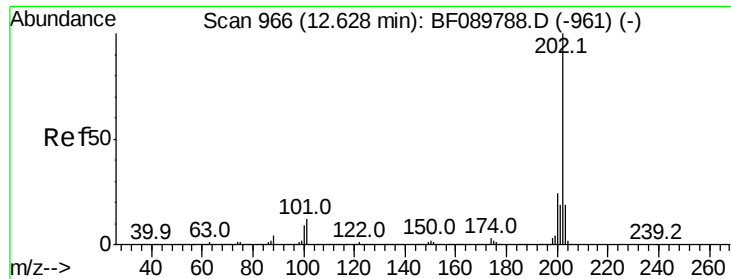


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.55 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 3464723

Ion Ratio Lower Upper

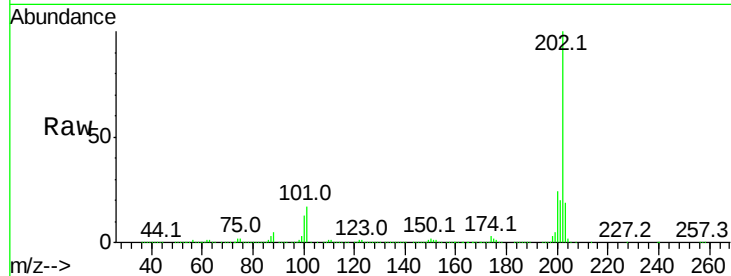
202 100

200 24.2 17.8 26.6

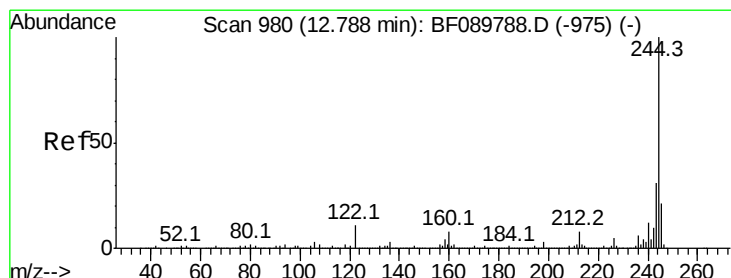
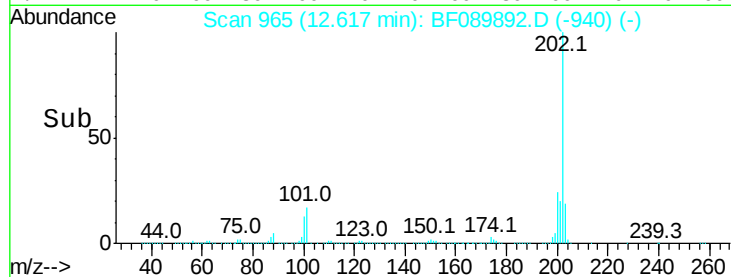
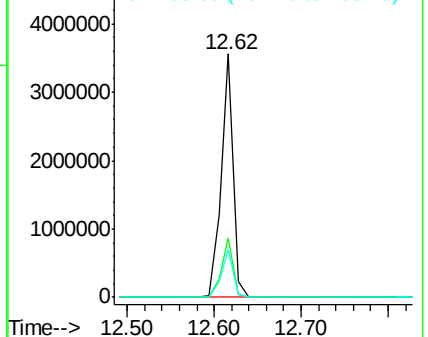
203 19.4 14.2 21.4

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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 67.83 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

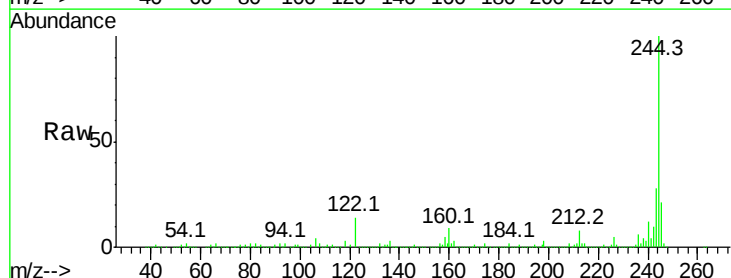
Tgt Ion:244 Resp: 3692478

Ion Ratio Lower Upper

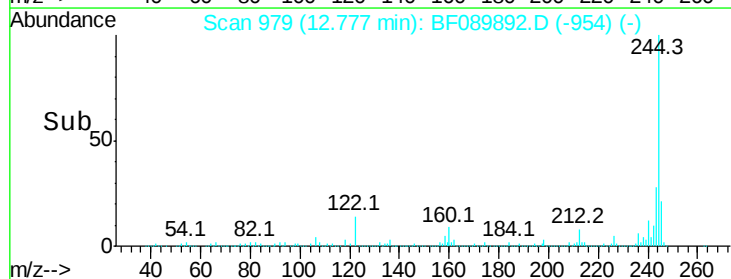
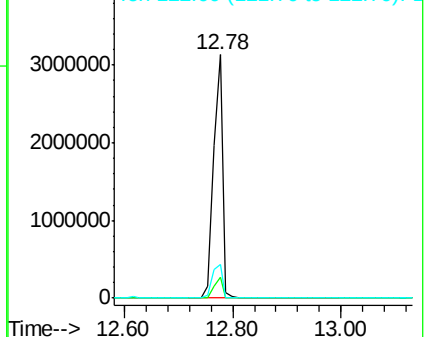
244 100

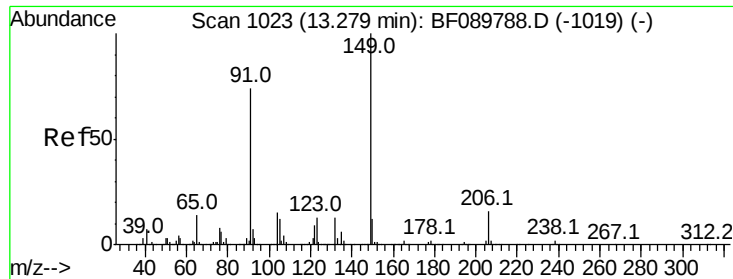
212 8.5 6.3 9.5

122 13.6 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E





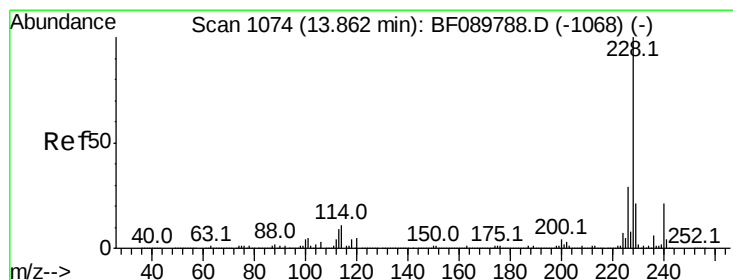
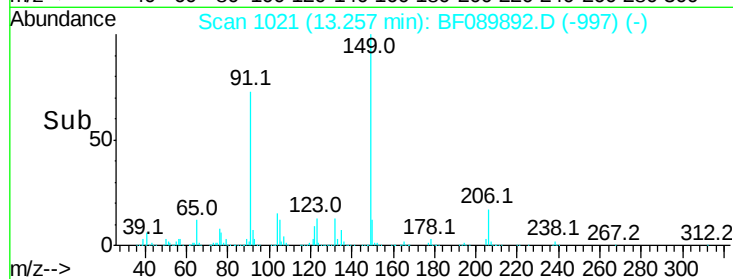
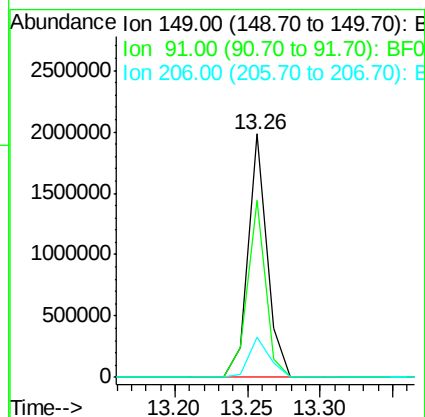
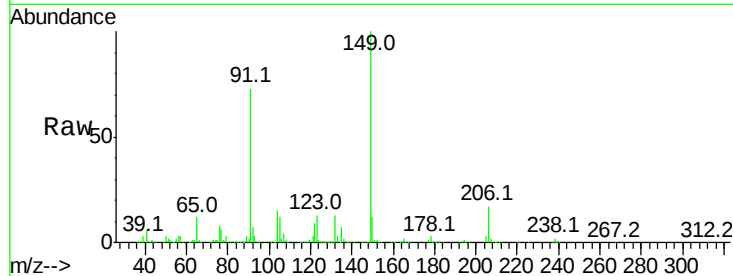
#79  
Butylbenzylphthalate  
Concen: 39.98 ng  
RT: 13.26 min Scan# 1021  
Delta R.T. -0.02 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 72.7  | 50.7  | 76.1  |
| 206     | 16.6  | 15.5  | 23.3  |

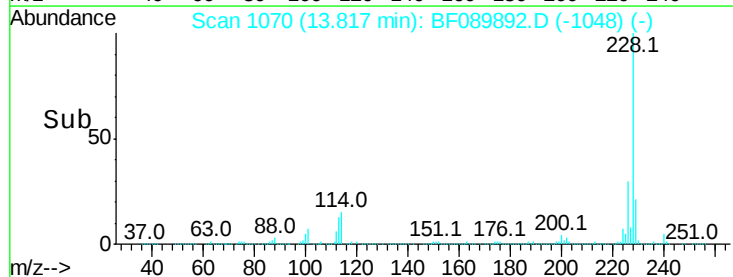
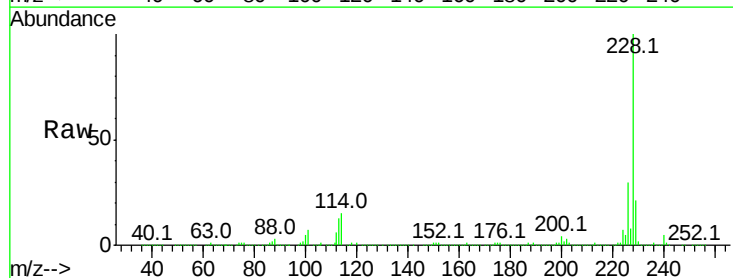
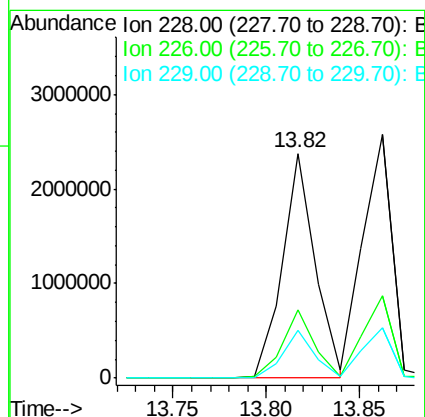
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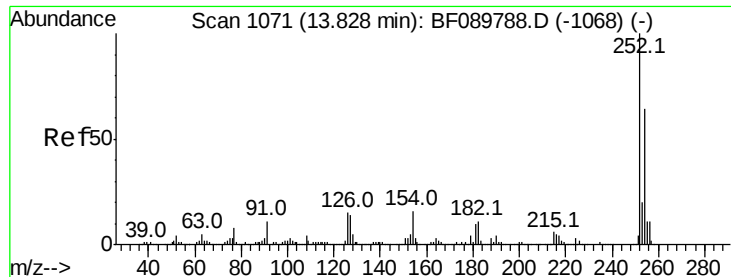
umangi  
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#80  
Benzo(a)anthracene  
Concen: 41.25 ng  
RT: 13.82 min Scan# 1070  
Delta R.T. -0.05 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.2  | 23.2  | 34.8  |
| 229     | 21.4  | 16.2  | 24.4  |





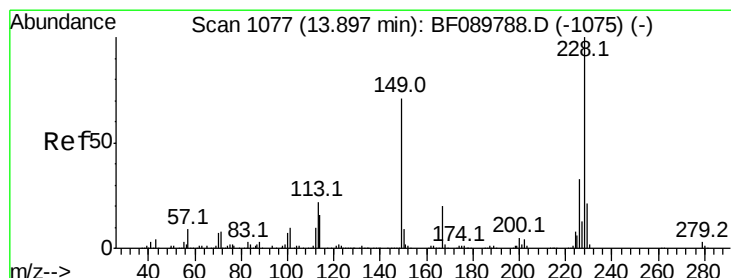
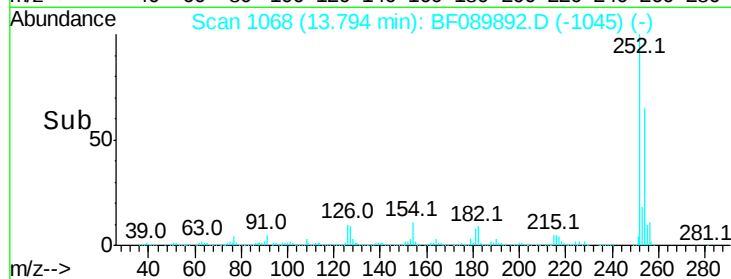
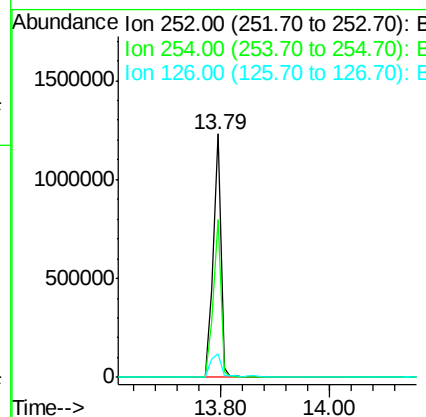
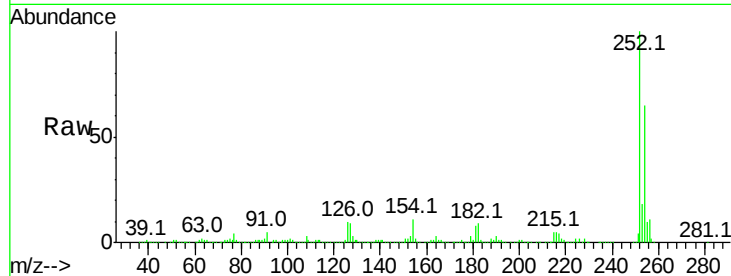
#81  
 3,3'-Dichlorobenzidine  
 Concen: 52.24 ng  
 RT: 13.79 min Scan# 1068  
 Delta R.T. -0.03 min  
 Lab File: BF089892.D  
 Acq: 25 Aug 2016 00:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:252 Resp: 1207879  
 Ion Ratio Lower Upper  
 252 100  
 254 64.6 50.6 75.8  
 126 9.5 12.6 18.8#

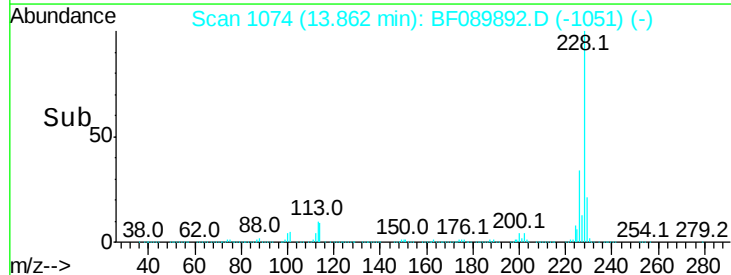
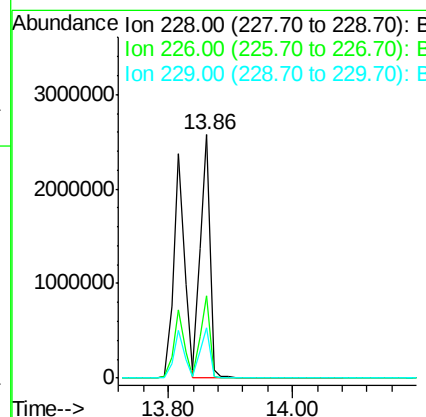
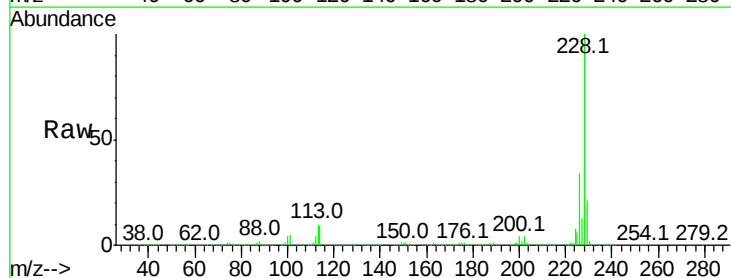
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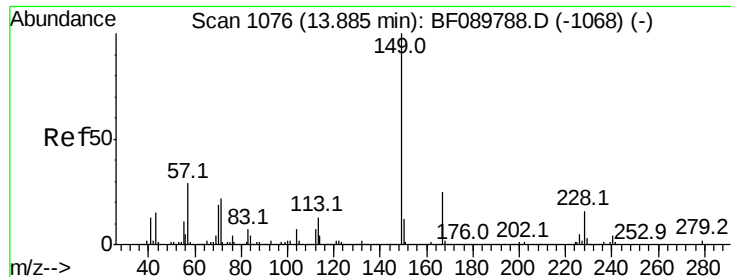
umangi  
 8/25/2016 6:49:51 PM



#82  
 Chrysene  
 Concen: 46.67 ng  
 RT: 13.86 min Scan# 1074  
 Delta R.T. -0.03 min  
 Lab File: BF089892.D  
 Acq: 25 Aug 2016 00:40

Tgt Ion:228 Resp: 2822145  
 Ion Ratio Lower Upper  
 228 100  
 226 33.7 25.4 38.0  
 229 20.8 16.5 24.7





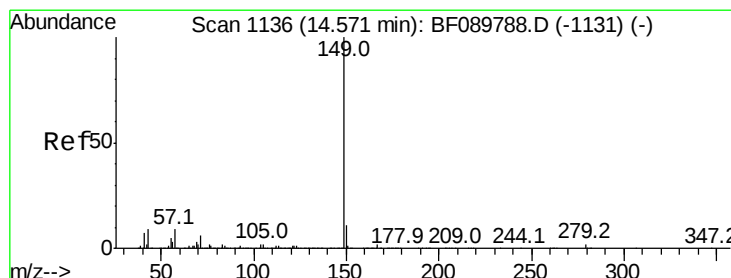
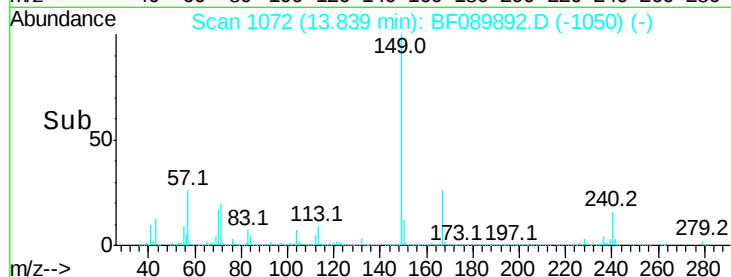
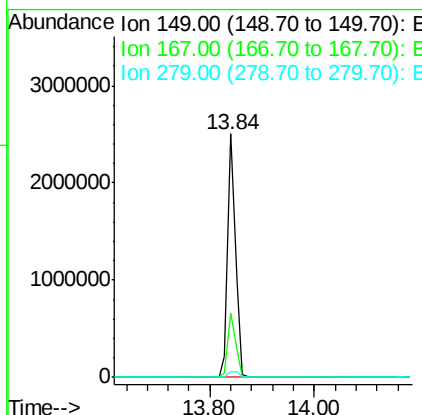
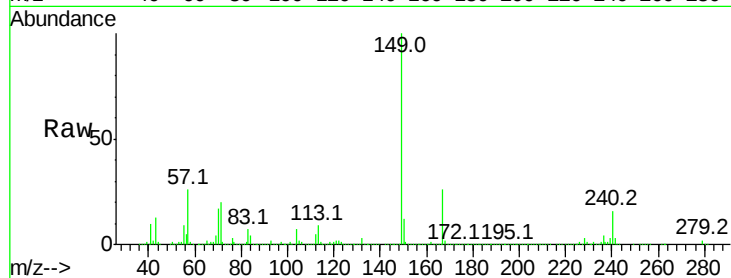
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.31 ng  
 RT: 13.84 min Scan# 1072  
 Delta R.T. -0.05 min  
 Lab File: BF089892.D  
 Acq: 25 Aug 2016 00:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:149 Resp: 2577517  
 Ion Ratio Lower Upper  
 149 100  
 167 26.5 21.2 31.8  
 279 2.3 2.9 4.3#

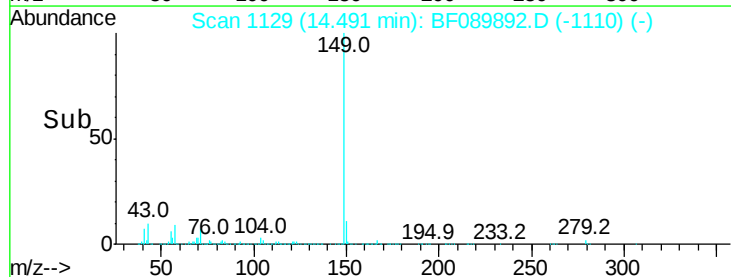
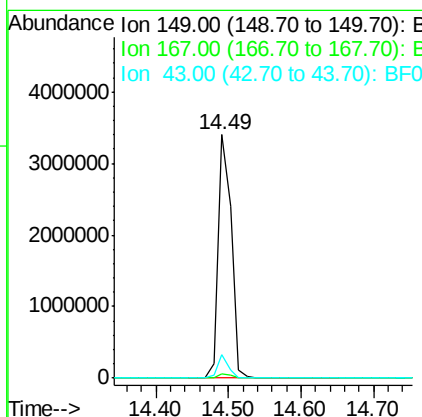
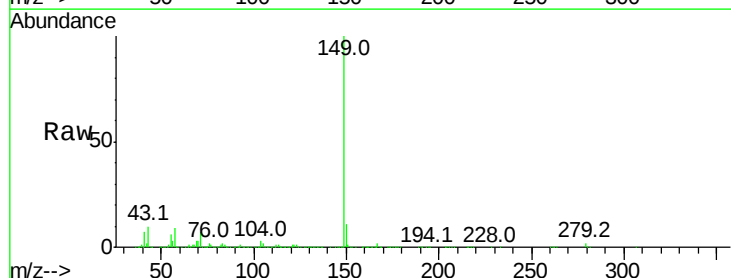
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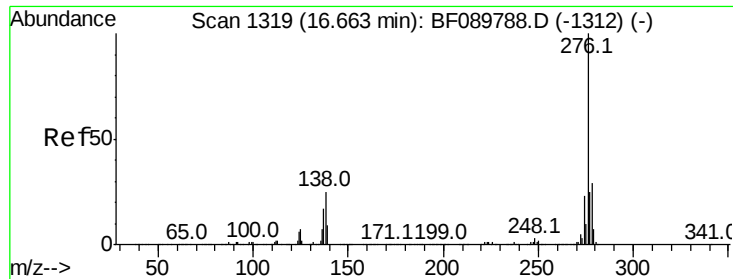
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#84  
 Di-n-octyl phthalate  
 Concen: 51.36 ng  
 RT: 14.49 min Scan# 1129  
 Delta R.T. -0.08 min  
 Lab File: BF089892.D  
 Acq: 25 Aug 2016 00:40

Tgt Ion:149 Resp: 4258552  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.2 1.8  
 43 8.1 8.4 12.6#





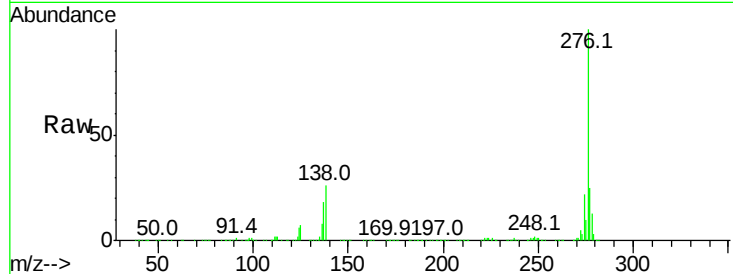
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 36.11 ng  
 RT: 16.55 min Scan# 1309  
 Delta R.T. -0.11 min  
 Lab File: BF089892.D  
 Acq: 25 Aug 2016 00:40

Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDCCC040

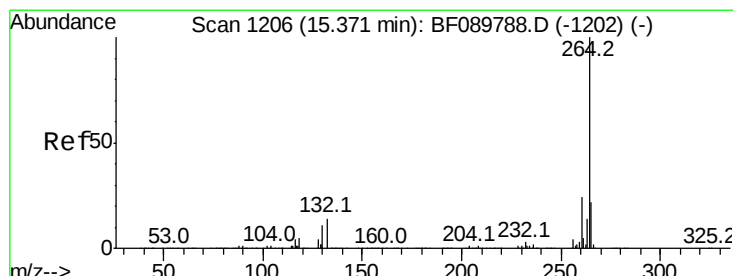
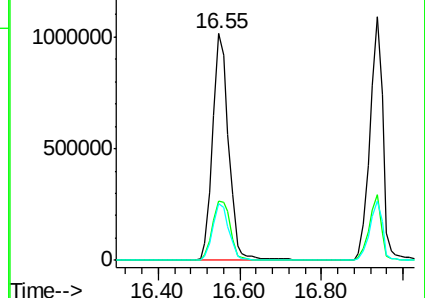
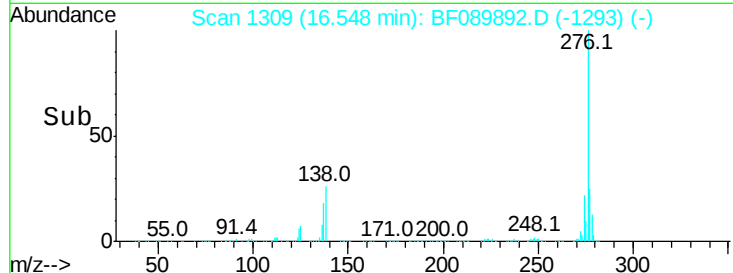
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 29.8  | 24.6  | 36.8  |
| 277     | 25.5  | 20.4  | 30.6  |

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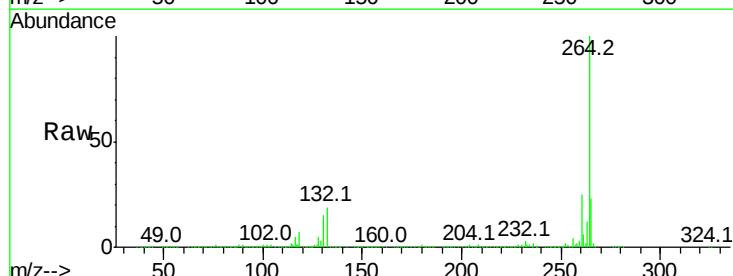


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

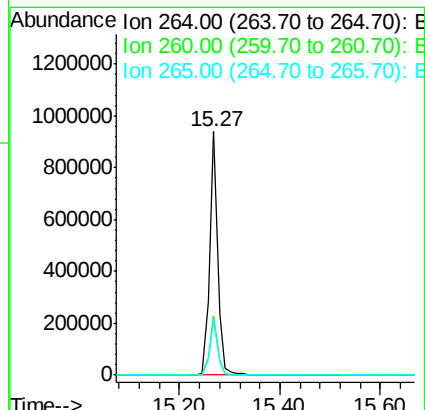
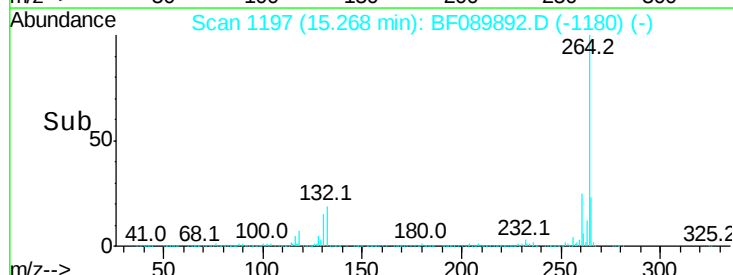


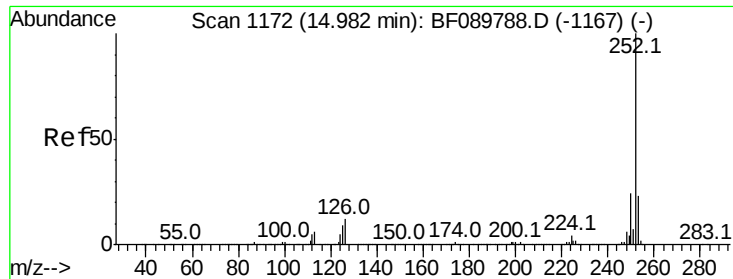
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.27 min Scan# 1197  
 Delta R.T. -0.10 min  
 Lab File: BF089892.D  
 Acq: 25 Aug 2016 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.5  | 20.2  | 30.2  |
| 265     | 22.7  | 17.4  | 26.2  |



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





#87

Benzo(b)fluoranthene

Concen: 41.62 ng

RT: 14.89 min Scan# 1164

Delta R.T. -0.09 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA\_F

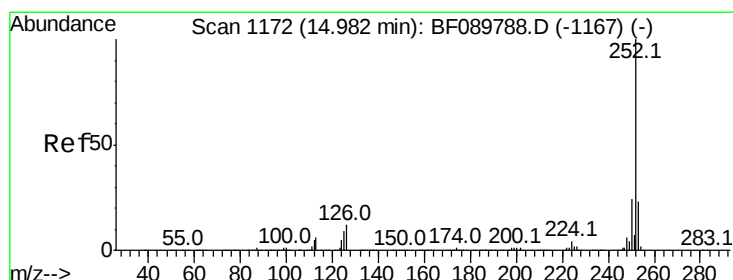
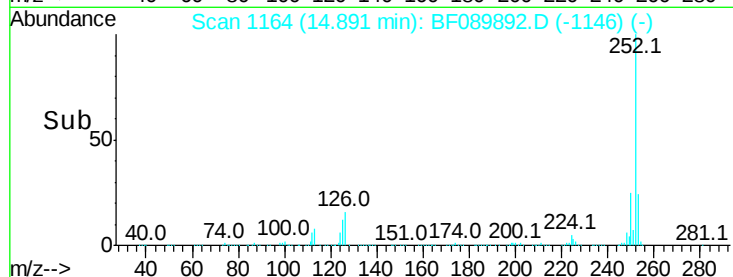
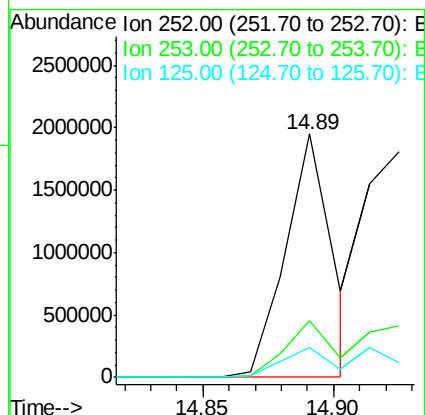
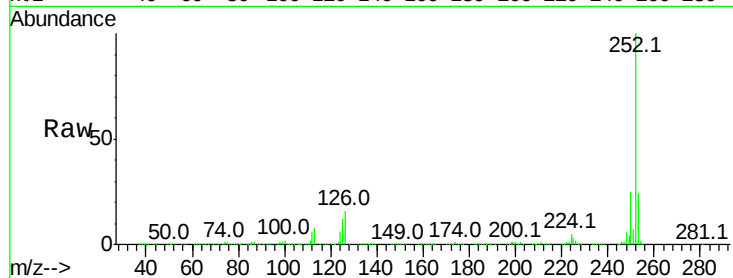
ClientSampleId :

SSTDCCC040

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 252   | Resp: | 2397946 |
| Ion      | Ratio | Lower | Upper   |
| 252      | 100   |       |         |
| 253      | 23.5  | 17.8  | 26.8    |
| 125      | 12.3  | 11.4  | 17.2    |

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#88

Benzo(k)fluoranthene

Concen: 46.33 ng m

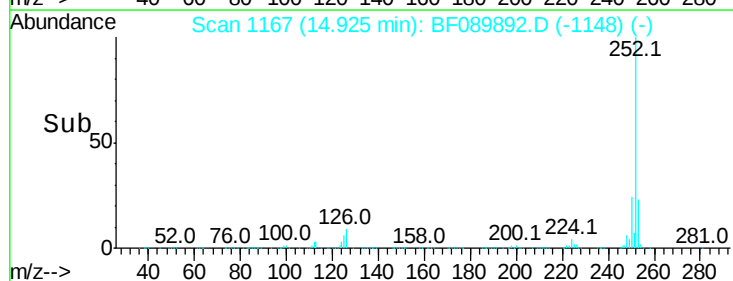
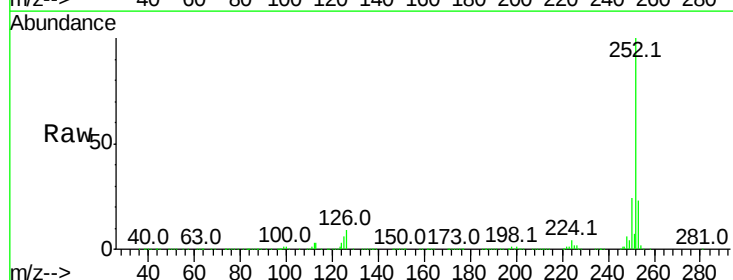
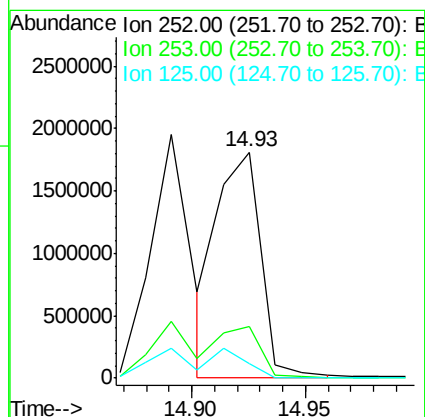
RT: 14.93 min Scan# 1167

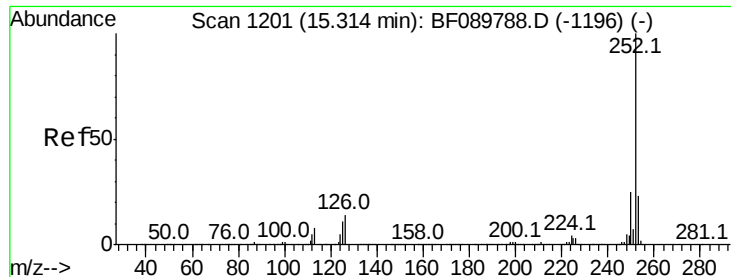
Delta R.T. -0.08 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 252   | Resp: | 2421933 |
| Ion      | Ratio | Lower | Upper   |
| 252      | 100   |       |         |
| 253      | 22.9  | 18.4  | 27.6    |
| 125      | 6.3   | 9.8   | 14.6#   |





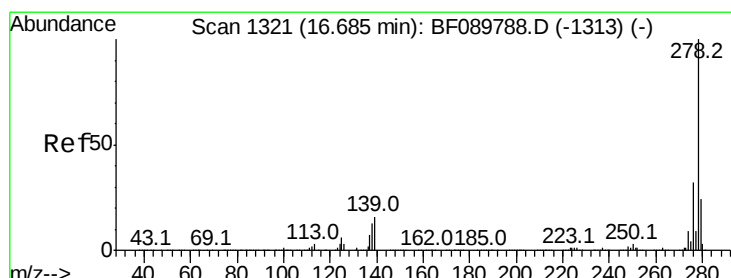
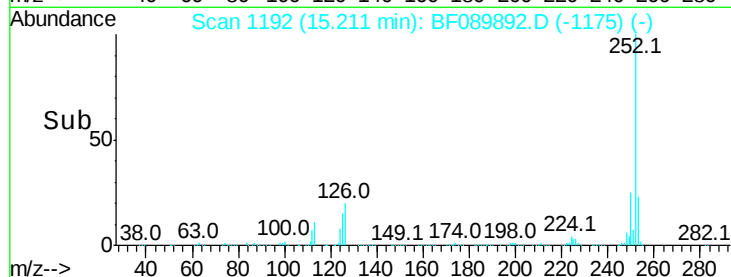
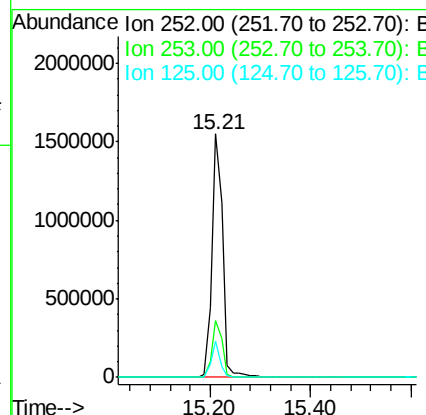
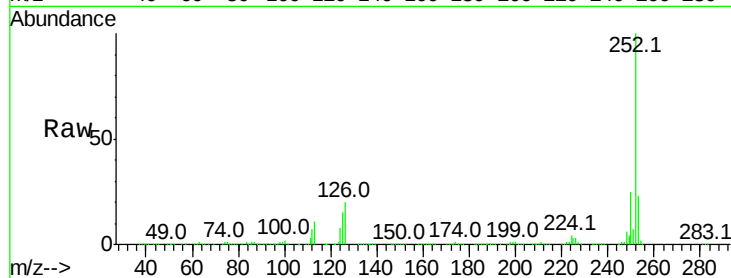
#89  
Benzo(a)pyrene  
Concen: 41.72 ng  
RT: 15.21 min Scan# 1192  
Delta R.T. -0.10 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.4  | 17.8  | 26.8  |
| 125     | 14.8  | 11.7  | 17.5  |

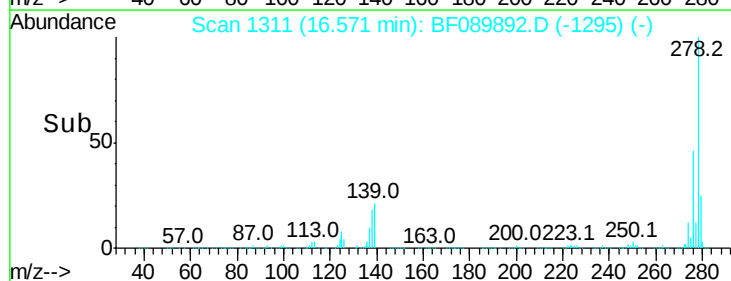
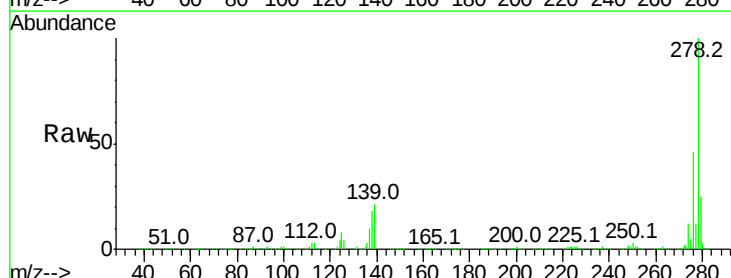
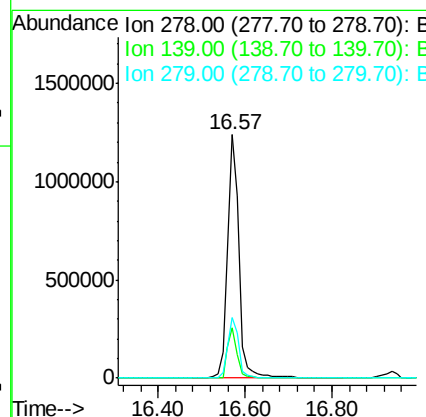
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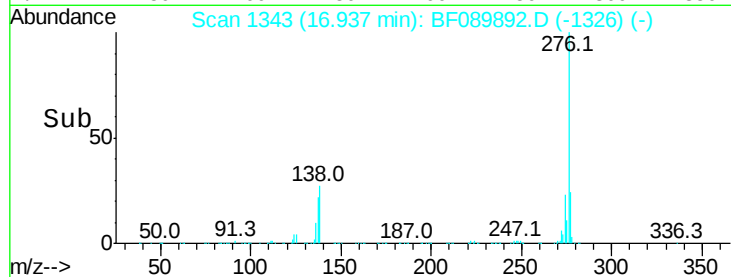
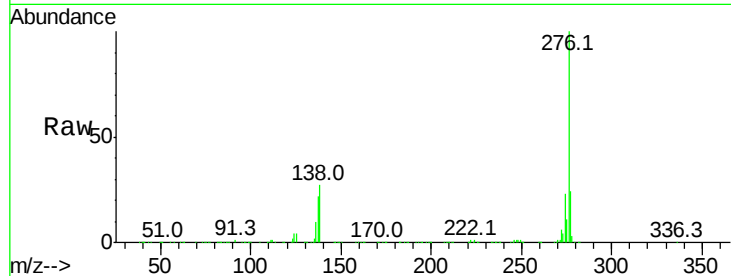
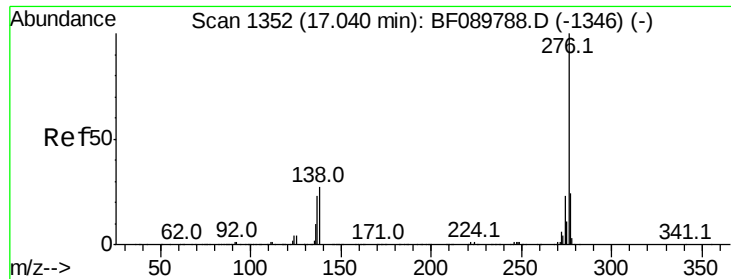
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#90  
Dibenzo(a,h)anthracene  
Concen: 38.33 ng  
RT: 16.57 min Scan# 1311  
Delta R.T. -0.11 min  
Lab File: BF089892.D  
Acq: 25 Aug 2016 00:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 20.8  | 14.9  | 22.3  |
| 279     | 25.1  | 19.2  | 28.8  |





#91

Benzo(a,h,i)perylene

Concen: 38.41 ng

RT: 16.94 min Scan# 1343

Delta R.T. -0.10 min

Lab File: BF089892.D

Acq: 25 Aug 2016 00:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 276 Resp: 2394519

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 26.8 22.1 33.1

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