

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\  
 Data File : BF091371.D  
 Acq On : 1 Dec 2016 12:15  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

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 12/2/2016 4:20:44 PM

Quant Time: Dec 01 23:55:49 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 29 13:33:46 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.86  | 152  | 176321   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 8.15  | 136  | 723082   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 9.90  | 164  | 378761   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 11.38 | 188  | 669587   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 14.01 | 240  | 426463   | 20.00 | ng    | -0.03    |
| 86) Perylene-d12          | 15.44 | 264  | 390107   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.45  | 112 | 863176  | 79.97 | ng | -0.02 |
| 7) Phenol-d6             | 6.49  | 99  | 1086861 | 81.80 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.43  | 82  | 1033163 | 80.07 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.69 | 330 | 277921  | 77.51 | ng | -0.02 |
| 44) 2-Fluorobiphenyl     | 9.22  | 172 | 1611157 | 77.02 | ng | -0.02 |
| 78) Terphenyl-d14        | 12.97 | 244 | 1833759 | 93.46 | ng | -0.02 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.46 | 88  | 189739  | 38.86 | ng | 87     |
| 3) Pyridine                    | 3.18 | 79  | 560843  | 40.59 | ng | 87     |
| 4) n-Nitrosodimethylamine      | 3.13 | 42  | 296346  | 40.87 | ng | 97     |
| 6) Aniline                     | 6.52 | 93  | 697058  | 39.50 | ng | # 73   |
| 8) 2-Chlorophenol              | 6.64 | 128 | 462458  | 39.08 | ng | 85     |
| 9) Benzaldehyde                | 6.40 | 77  | 330468  | 38.68 | ng | 89     |
| 10) Phenol                     | 6.50 | 94  | 674543  | 43.15 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 6.60 | 93  | 436690  | 39.09 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 6.80 | 146 | 530630  | 40.31 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.88 | 146 | 545032  | 41.62 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.03 | 146 | 458268  | 37.57 | ng | 100    |
| 15) Benzyl Alcohol             | 7.01 | 79  | 436416  | 41.04 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.14 | 45  | 940557  | 39.16 | ng | 72     |
| 17) 2-Methylphenol             | 7.11 | 107 | 370799  | 39.64 | ng | # 75   |
| 18) Hexachloroethane           | 7.37 | 117 | 183245  | 39.41 | ng | # 82   |
| 19) n-Nitroso-di-n-propylamine | 7.28 | 70  | 338562  | 40.45 | ng | # 95   |
| 20) 3+4-Methylphenols          | 7.27 | 107 | 440433  | 38.57 | ng | # 64   |
| 22) Acetophenone               | 7.27 | 105 | 621143  | 36.24 | ng | # 75   |
| 24) Nitrobenzene               | 7.44 | 77  | 464642  | 35.17 | ng | 94     |
| 25) Isophorone                 | 7.69 | 82  | 873911  | 38.23 | ng | 95     |
| 26) 2-Nitrophenol              | 7.76 | 139 | 246241  | 40.90 | ng | 92     |
| 27) 2,4-Dimethylphenol         | 7.80 | 122 | 416172  | 36.95 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.90 | 93  | 533989  | 38.81 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.00 | 162 | 375683  | 37.92 | ng | 100    |
| 30) 1,2,4-Trichlorobenzene     | 8.09 | 180 | 450019  | 40.52 | ng | 97     |
| 31) Naphthalene                | 8.17 | 128 | 1378774 | 40.12 | ng | 99     |
| 32) Benzoic acid               | 7.92 | 122 | 316240  | 38.09 | ng | 93     |
| 33) 4-Chloroaniline            | 8.22 | 127 | 610130  | 41.53 | ng | 100    |
| 34) Hexachlorobutadiene        | 8.30 | 225 | 255148  | 37.36 | ng | 99     |
| 35) Caprolactam                | 8.58 | 113 | 117797  | 41.37 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 8.70 | 107 | 432950  | 40.48 | ng | 92     |
| 37) 2-Methylnaphthalene        | 8.86 | 142 | 843477  | 36.13 | ng | 93     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.03 | 216 | 453402  | 42.46 | ng | # 97   |
| 40) Hexachlorocyclopentadiene  | 9.02 | 237 | 216302  | 43.70 | ng | 100    |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\  
 Data File : BF091371.D  
 Acq On : 1 Dec 2016 12:15  
 Operator : UM/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDC0040

Manual Integrations  
 APPROVED

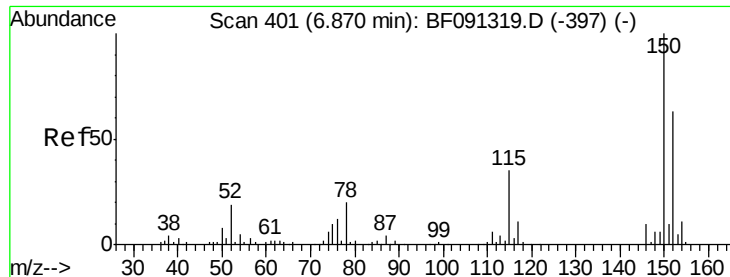
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 12/2/2016 4:20:44 PM

Quant Time: Dec 01 23:55:49 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 29 13:33:46 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.13  | 196  | 279193   | 40.23 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.18  | 196  | 295574   | 42.50 | nq    | 94       |
| 45) 1,1'-Biphenyl              | 9.33  | 154  | 1145143  | 42.05 | nq    | 96       |
| 46) 2-Chloronaphthalene        | 9.35  | 162  | 834818   | 41.16 | nq    | 99       |
| 47) 2-Nitroaniline             | 9.44  | 65   | 321309   | 44.11 | nq    | # 81     |
| 48) Acenaphthylene             | 9.76  | 152  | 1211099  | 37.93 | nq    | 99       |
| 49) Dimethylphthalate          | 9.62  | 163  | 906075   | 39.51 | nq    | 97       |
| 50) 2,6-Dinitrotoluene         | 9.68  | 165  | 204942   | 39.98 | nq    | 92       |
| 51) Acenaphthene               | 9.93  | 154  | 813973   | 37.79 | nq    | 97       |
| 52) 3-Nitroaniline             | 9.85  | 138  | 250063   | 42.15 | nq    | 95       |
| 53) 2,4-Dinitrophenol          | 9.96  | 184  | 77897    | 34.75 | nq    | # 83     |
| 54) Dibenzofuran               | 10.10 | 168  | 1081508  | 37.51 | nq    | 98       |
| 55) 4-Nitrophenol              | 10.00 | 139  | 152830   | 35.66 | nq    | 96       |
| 56) 2,4-Dinitrotoluene         | 10.08 | 165  | 269990   | 40.60 | nq    | # 56     |
| 57) Fluorene                   | 10.45 | 166  | 839537   | 37.92 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.22 | 232  | 230432   | 38.80 | nq    | 98       |
| 59) Diethylphthalate           | 10.33 | 149  | 957820   | 42.31 | nq    | # 93     |
| 60) 4-Chlorophenyl-phenylether | 10.45 | 204  | 449514   | 40.48 | nq    | 99       |
| 61) 4-Nitroaniline             | 10.46 | 138  | 227155   | 40.77 | nq    | 89       |
| 62) Azobenzene                 | 10.61 | 77   | 1023861  | 44.32 | nq    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 10.49 | 198  | 143004   | 38.77 | nq    | # 60     |
| 65) n-Nitrosodiphenylamine     | 10.56 | 169  | 807595   | 39.78 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.94 | 248  | 283233   | 39.35 | nq    | # 71     |
| 67) Hexachlorobenzene          | 11.00 | 284  | 290781   | 37.39 | nq    | # 84     |
| 68) Atrazine                   | 11.09 | 200  | 232632   | 35.38 | nq    | 98       |
| 69) Pentachlorophenol          | 11.19 | 266  | 185335   | 40.48 | nq    | 95       |
| 70) Phenanthrene               | 11.41 | 178  | 1267652  | 36.43 | nq    | 100      |
| 71) Anthracene                 | 11.46 | 178  | 1386156  | 40.14 | nq    | 98       |
| 72) Carbazole                  | 11.61 | 167  | 1251804  | 39.95 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.96 | 149  | 1487024  | 41.87 | nq    | 98       |
| 74) Fluoranthene               | 12.60 | 202  | 1464833  | 44.45 | nq    | 98       |
| 76) Benzdine                   | 12.71 | 184  | 550012   | 43.93 | nq    | 99       |
| 77) Pyrene                     | 12.83 | 202  | 1487867  | 45.97 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.44 | 149  | 541643   | 44.69 | nq    | 86       |
| 80) Benzo(a)anthracene         | 14.00 | 228  | 1054339  | 42.27 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.97 | 252  | 364692   | 41.51 | nq    | # 96     |
| 82) Chrysene                   | 14.05 | 228  | 1105051  | 44.78 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.01 | 149  | 760562   | 49.51 | nq    | # 92     |
| 84) Di-n-octyl phthalate       | 14.62 | 149  | 1178679  | 50.71 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.85 | 276  | 974961   | 43.14 | nq    | 95       |
| 87) Benzo(b)fluoranthene       | 15.04 | 252  | 1048442  | 43.24 | nq    | # 94     |
| 88) Benzo(k)fluoranthene       | 15.07 | 252  | 764178m  | 37.48 | nq    |          |
| 89) Benzo(a)pyrene             | 15.39 | 252  | 875252   | 40.19 | nq    | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.87 | 278  | 832399   | 41.33 | nq    | # 95     |
| 91) Benzo(g,h,i)perylene       | 17.28 | 276  | 830603   | 40.00 | nq    | 96       |

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





#1

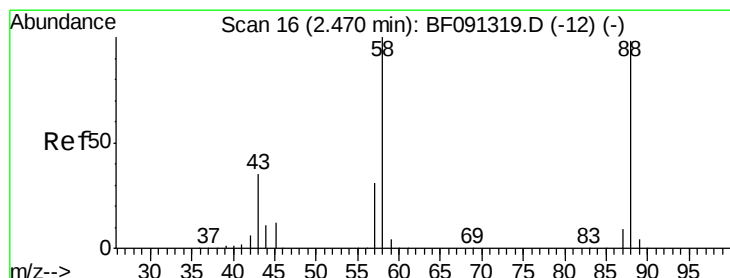
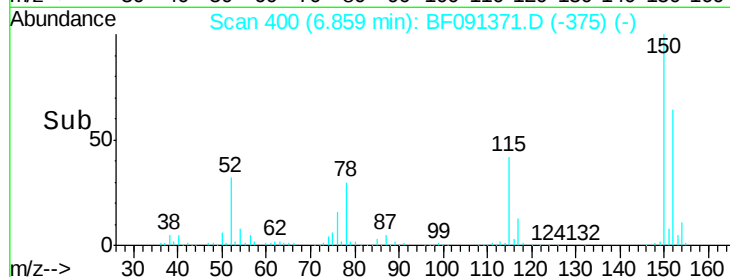
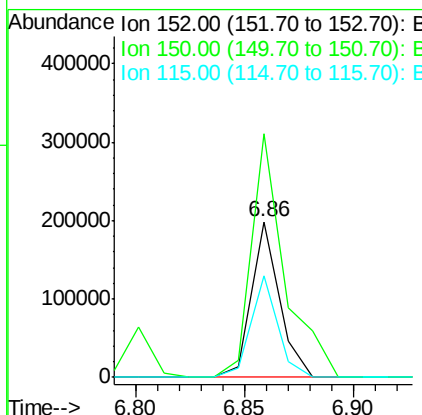
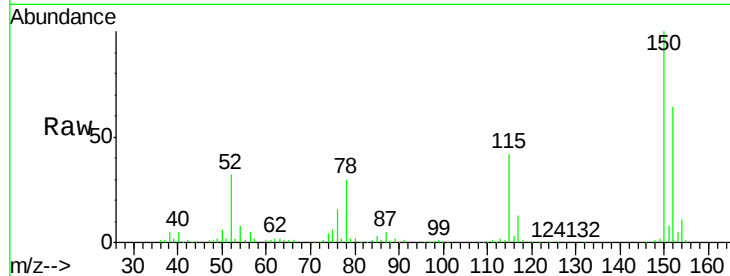
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.86 min Scan# 400  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.7 | 122.5 | 183.7 |
| 115     | 65.7  | 51.8  | 77.8  |

Manual Integrations  
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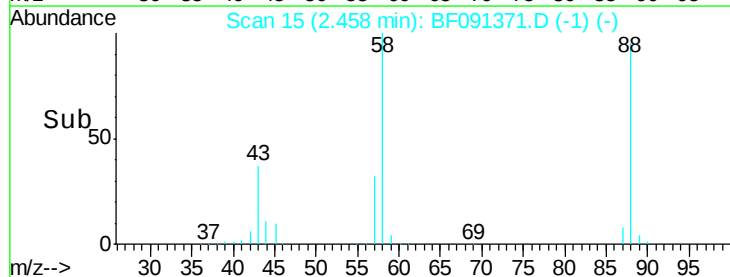
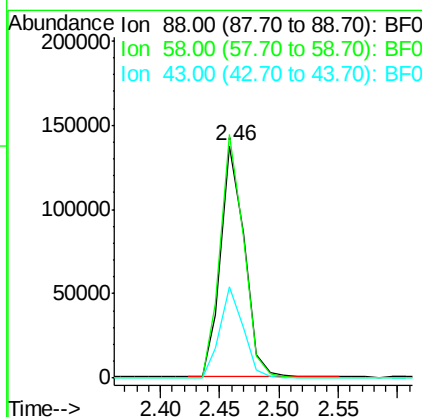
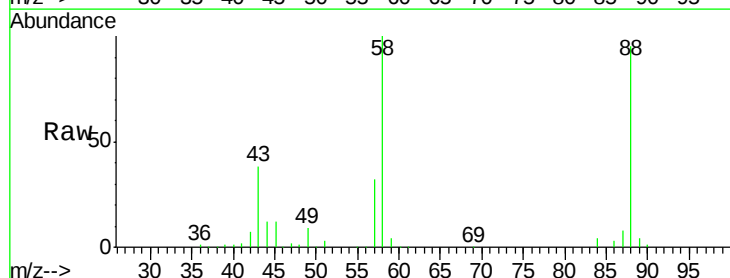
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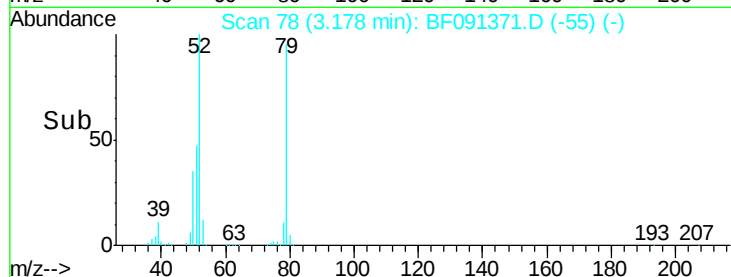
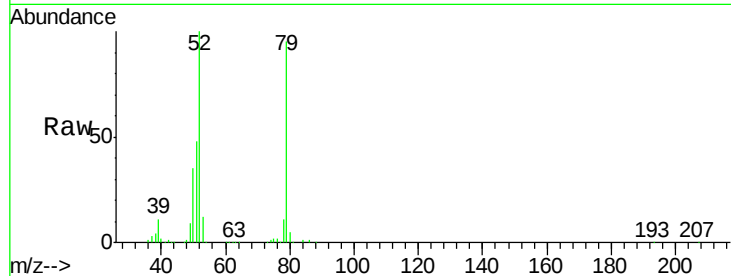
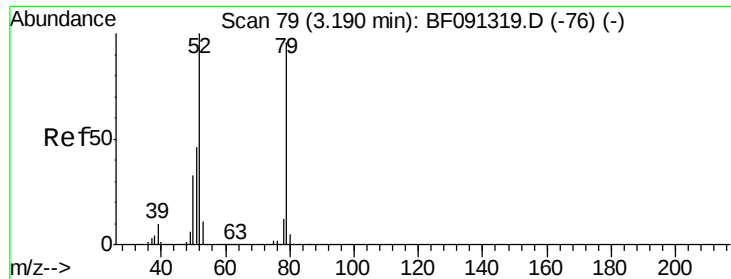


#2

1,4-Dioxane  
Concen: 38.86 ng  
RT: 2.46 min Scan# 15  
Delta R.T. -0.04 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 104.9 | 70.3  | 105.5 |
| 43      | 39.1  | 31.3  | 46.9  |





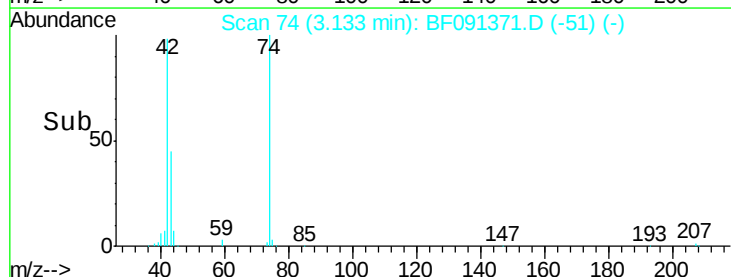
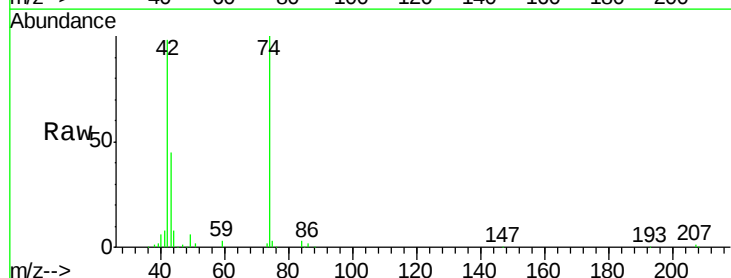
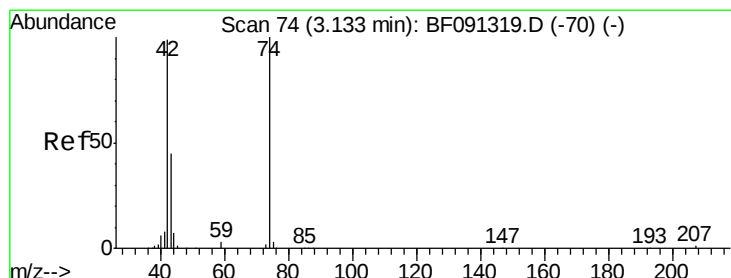
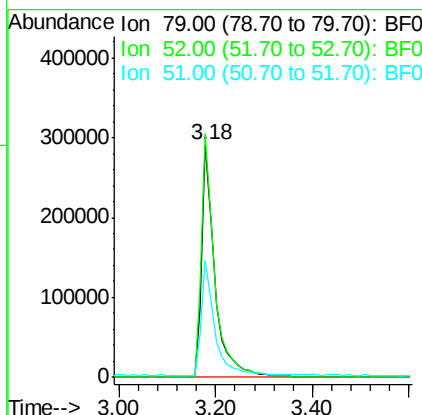
#3  
 Pvridine  
 Concen: 40.59 ng  
 RT: 3.18 min Scan# 78  
 Delta R.T. -0.04 min  
 Lab File: BF091371.D  
 Acq: 1 Dec 2016 12:15

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 104.7 | 71.0  | 106.4 |
| 51      | 50.4  | 37.0  | 55.4  |

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

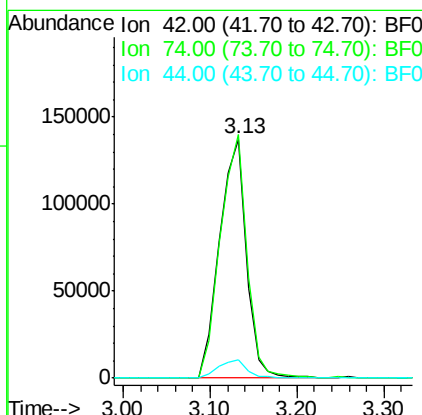
Manual Integrations  
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#4  
 n-Nitrosodimethylamine  
 Concen: 40.87 ng  
 RT: 3.13 min Scan# 74  
 Delta R.T. -0.04 min  
 Lab File: BF091371.D  
 Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 101.9 | 78.9  | 118.3 |
| 44      | 7.7   | 5.8   | 8.6   |





#5

2-Fluorophenol

Concen: 79.97 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

Instrument :

BNA\_F

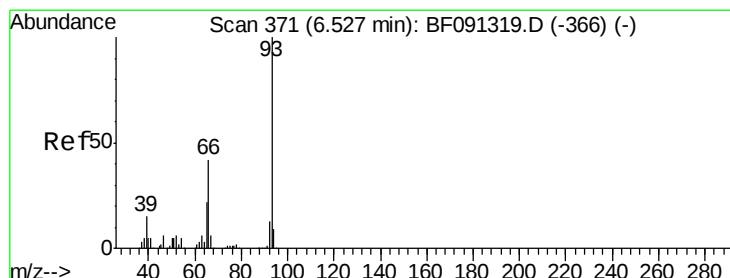
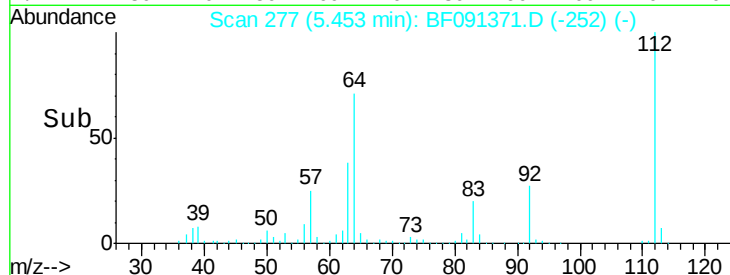
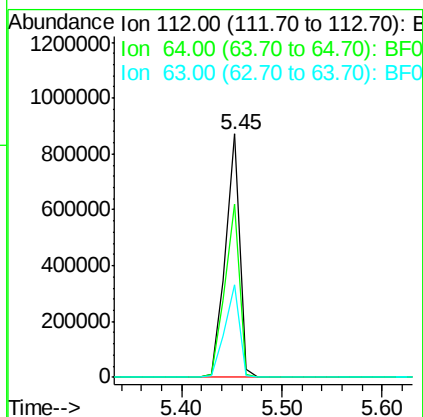
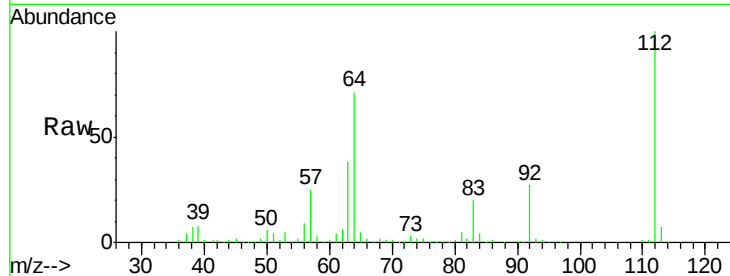
ClientSampled :

SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 112     | 100  |       | 863176 |       |       |
| 64      | 71.3 |       | 61.5   | 92.3  |       |
| 63      | 38.0 |       | 33.3   | 49.9  |       |

Manual Integrations  
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#6

Aniline

Concen: 39.50 ng

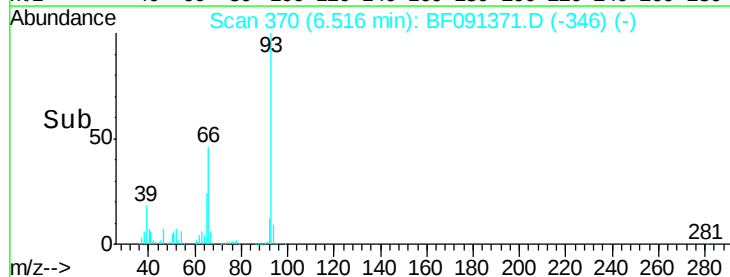
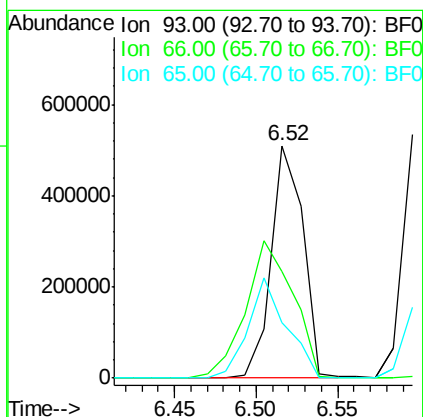
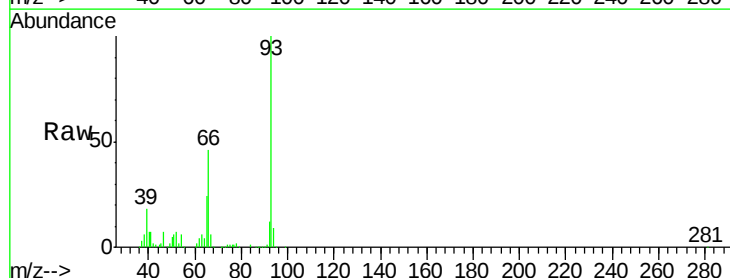
RT: 6.52 min Scan# 370

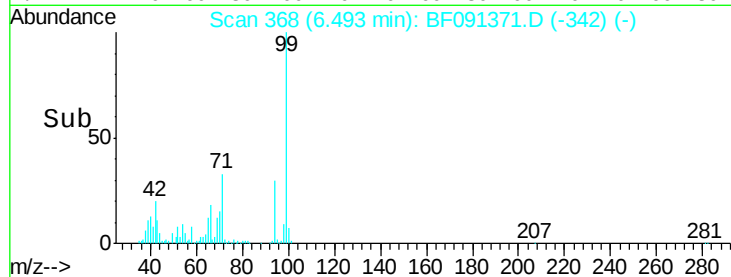
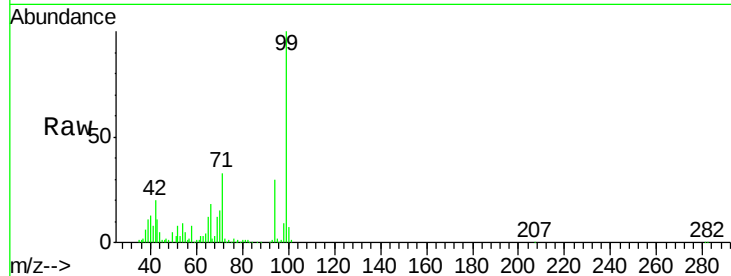
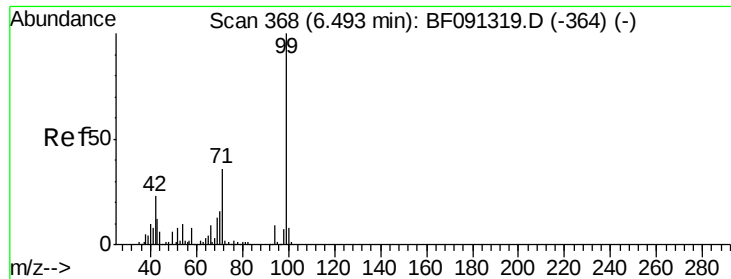
Delta R.T. -0.03 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 697058 |       |       |
| 66      | 45.7 |       | 55.8   | 83.6# |       |
| 65      | 23.8 |       | 29.9   | 44.9# |       |





#7

Phenol-d6

Concen: 81.80 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 99    | Resp: | 1086861 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 20.5  | 20.6  | 31.0#   |
| 71       | 33.0  | 29.9  | 44.9    |

Instrument :

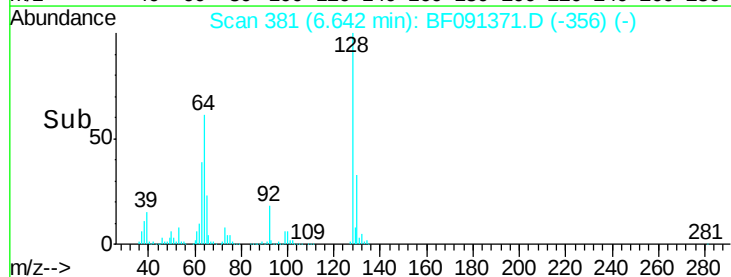
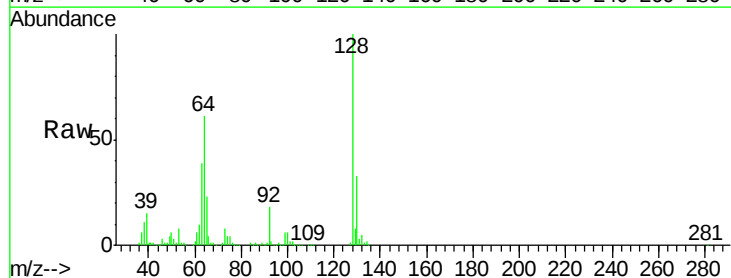
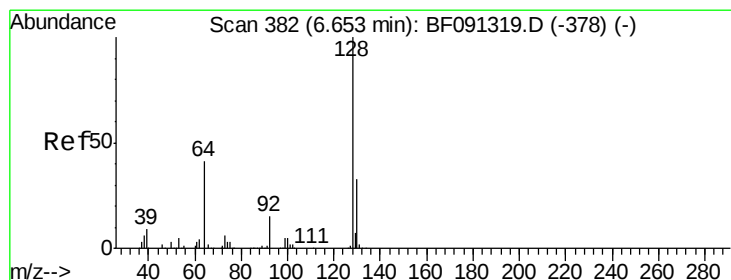
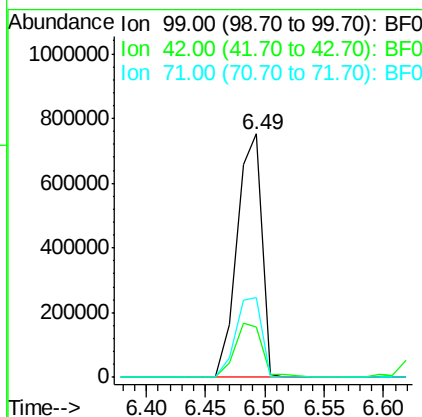
BNA\_F

ClientSampleId :

SSTDCCC040

Manual Integrations  
APPROVED

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#8

2-Chlorophenol

Concen: 39.08 ng

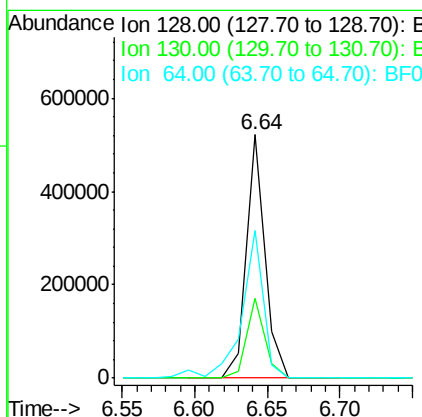
RT: 6.64 min Scan# 381

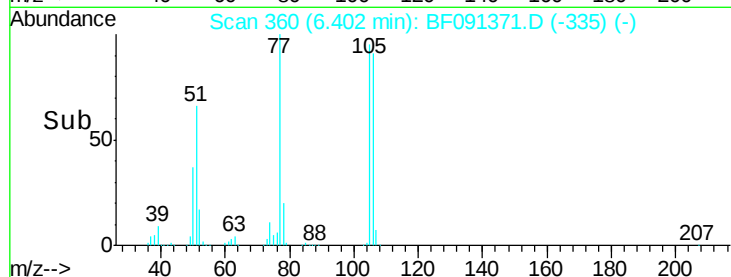
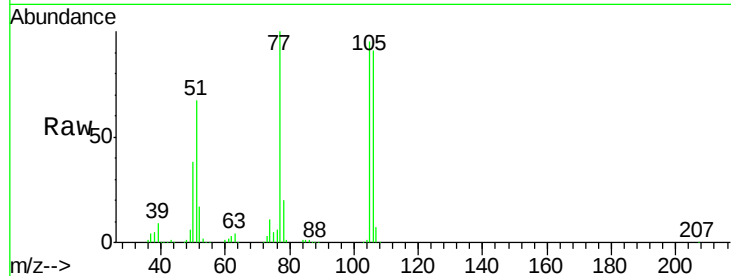
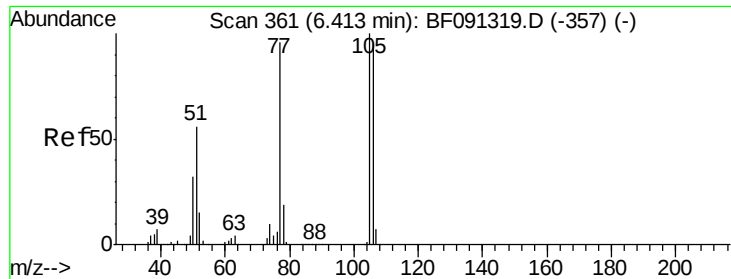
Delta R.T. -0.02 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 462458 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 32.7  | 13.1  | 53.1   |
| 64       | 60.7  | 24.1  | 64.1   |





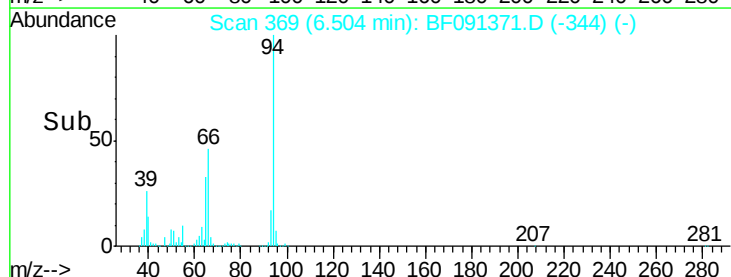
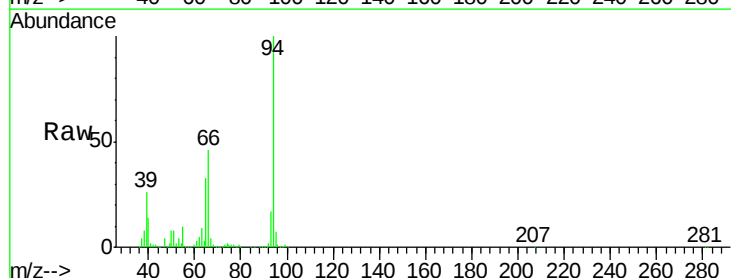
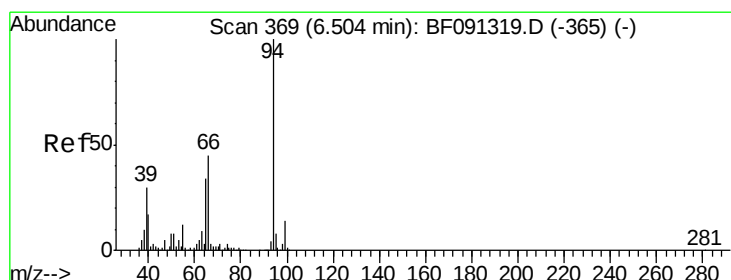
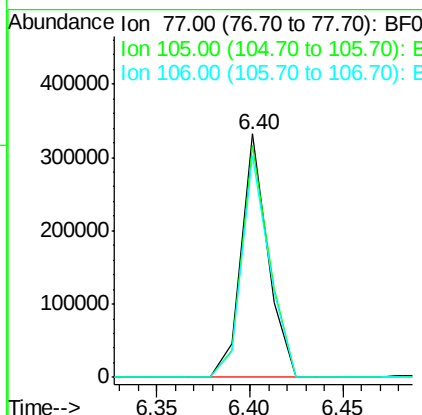
#9  
Benzaldehyde  
Concen: 38.68 ng  
RT: 6.40 min Scan# 360  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 105     | 95.5  | 66.4 | 106.4 |       |
| 106     | 91.0  | 60.9 | 100.9 |       |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

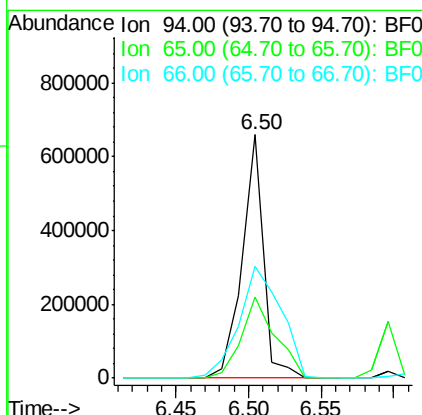
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#10  
Phenol  
Concen: 43.15 ng  
RT: 6.50 min Scan# 369  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 94      | 100   |      |       |       |
| 65      | 33.1  | 16.9 | 56.9  |       |
| 66      | 45.7  | 30.6 | 70.6  |       |





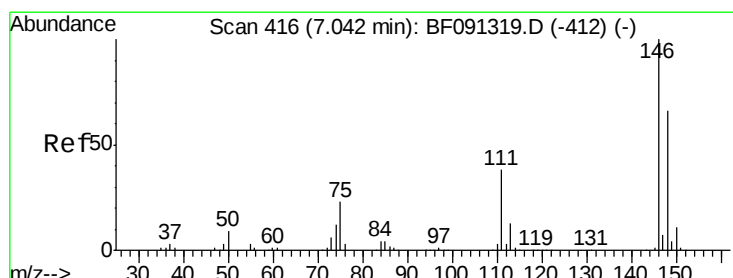
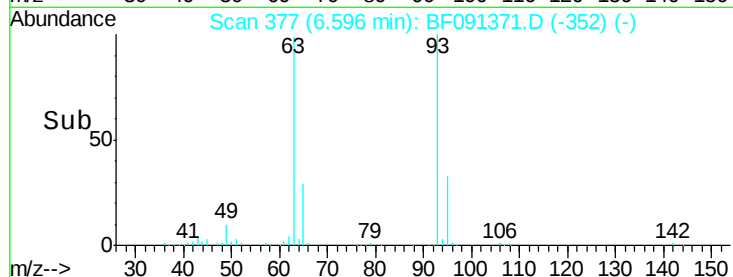
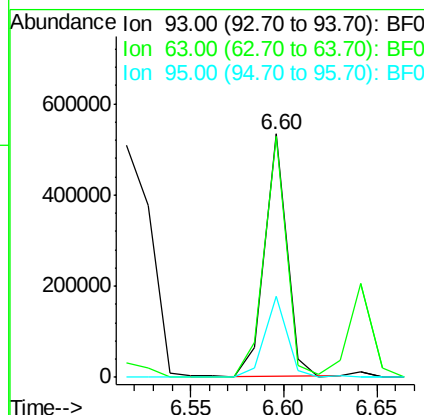
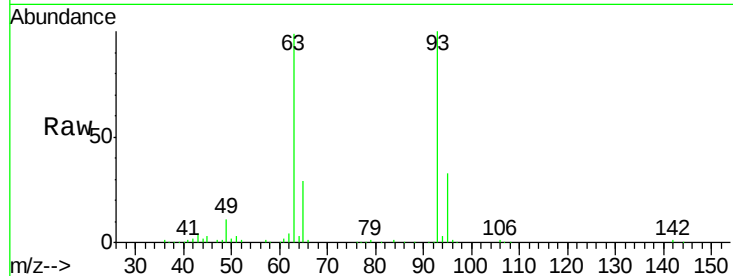
#11  
bis(2-Chloroethyl)ether  
Concen: 39.09 ng  
RT: 6.60 min Scan# 377  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 99.0  | 74.8  | 114.8 |
| 95      | 33.1  | 12.4  | 52.4  |

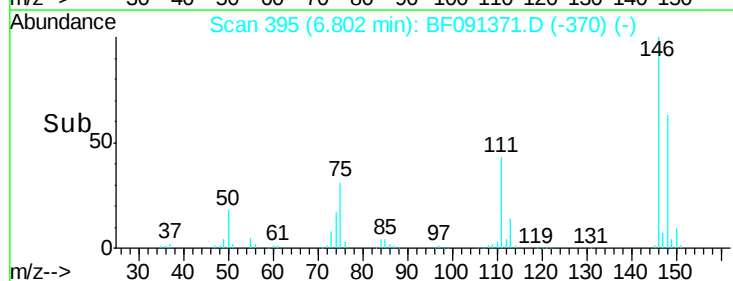
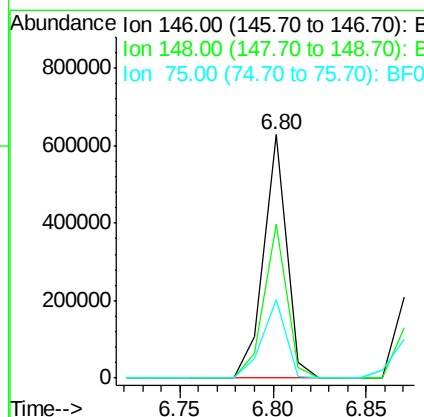
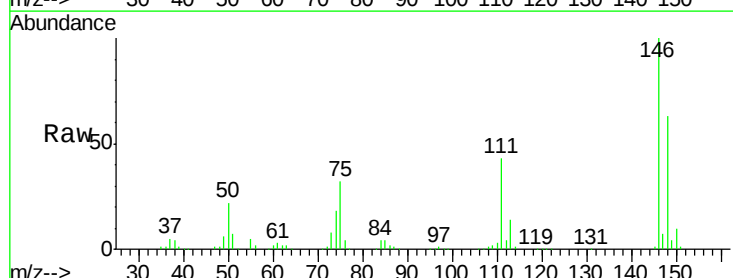
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#12  
1,3-Dichlorobenzene  
Concen: 40.31 ng  
RT: 6.80 min Scan# 395  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.2  | 51.4  | 77.0  |
| 75      | 32.0  | 23.6  | 35.4  |





#13

1,4-Dichlorobenzene

Concen: 41.62 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

Instrument :

BNA\_F

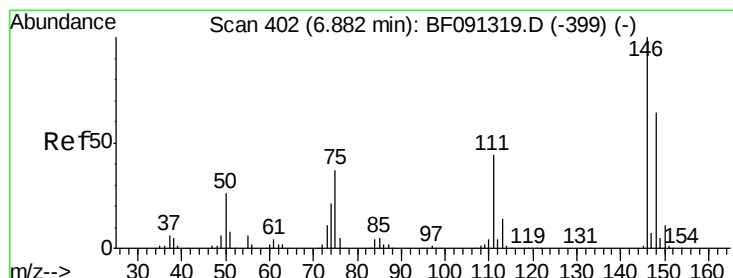
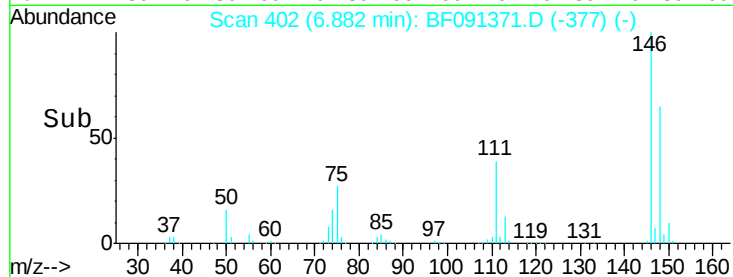
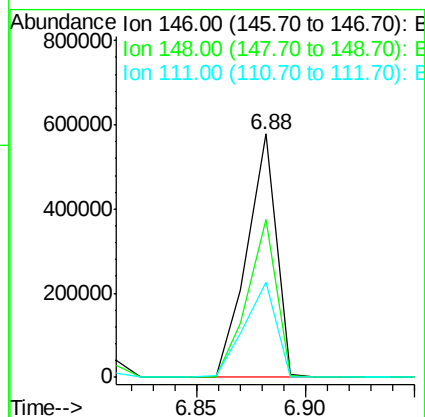
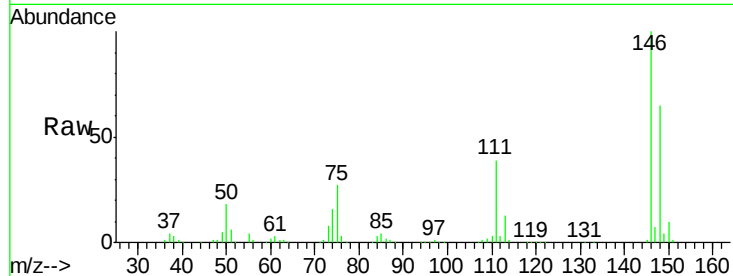
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 146  | Resp: | 545032 |
| Ion Ratio |      | Lower | Upper  |
| 146       | 100  |       |        |
| 148       | 65.1 | 51.4  | 77.0   |
| 111       | 39.2 | 32.2  | 48.2   |

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#14

1,2-Dichlorobenzene

Concen: 37.57 ng

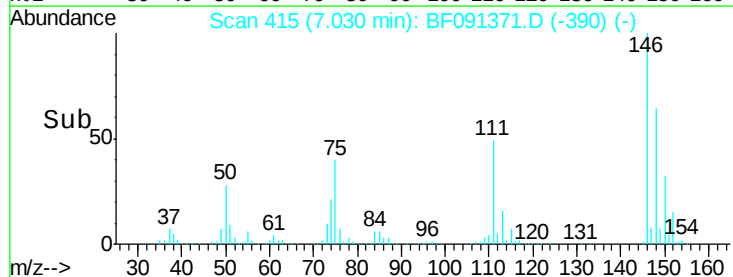
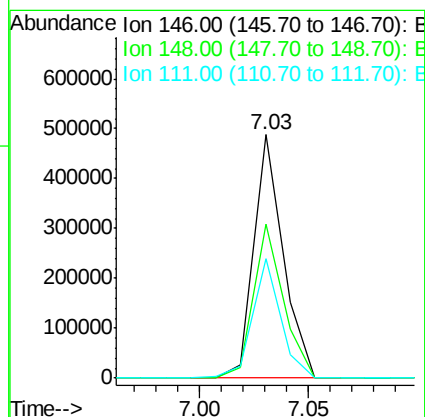
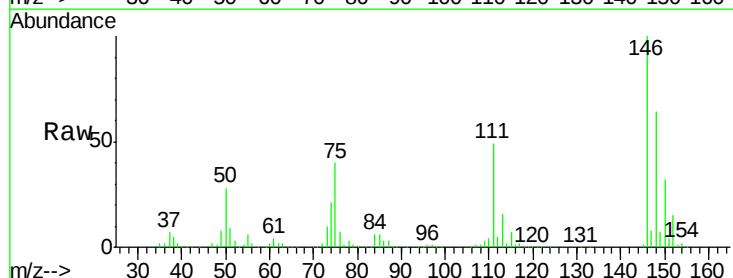
RT: 7.03 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 146  | Resp: | 458268 |
| Ion Ratio |      | Lower | Upper  |
| 146       | 100  |       |        |
| 148       | 63.5 | 51.0  | 76.6   |
| 111       | 48.9 | 38.9  | 58.3   |





#15

Benzyl Alcohol

Concen: 41.04 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

Instrument :

BNA\_F

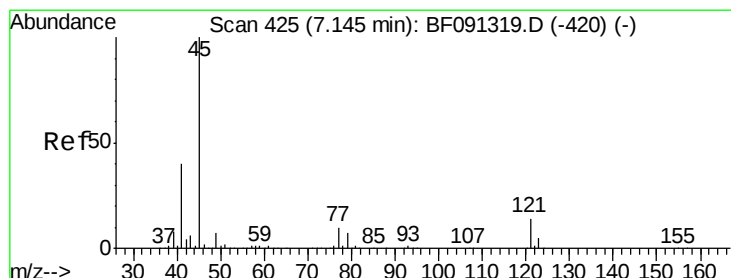
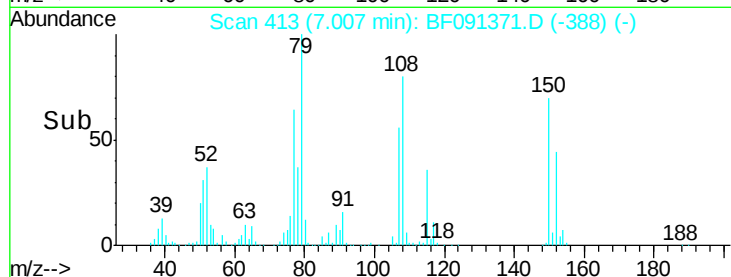
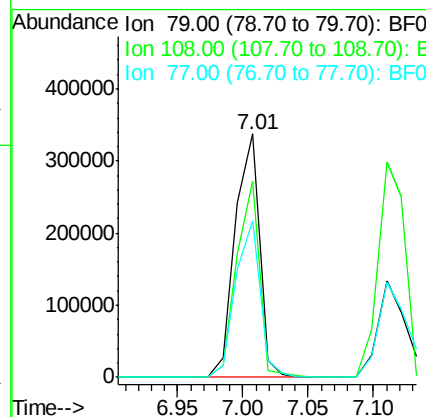
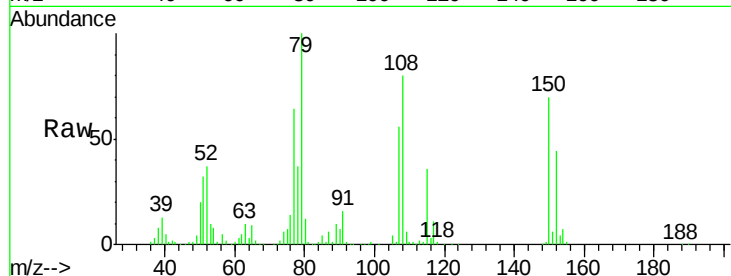
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 436416 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 80.4  | 62.7  | 94.1   |
| 77        | 64.4  | 51.7  | 77.5   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.16 ng

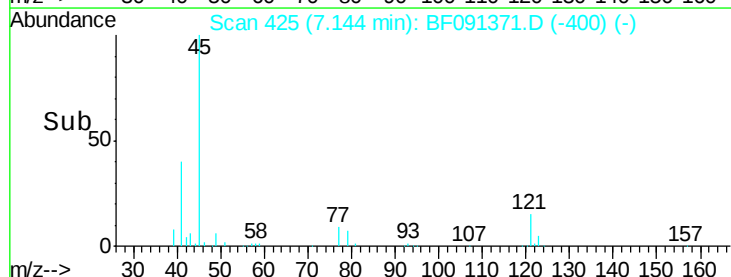
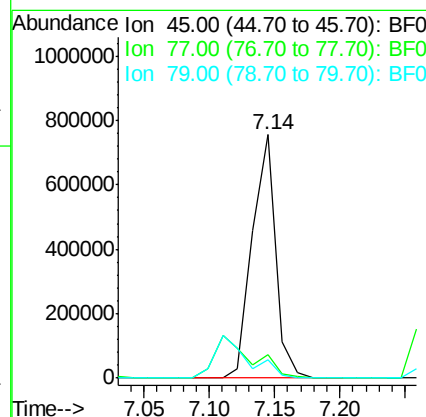
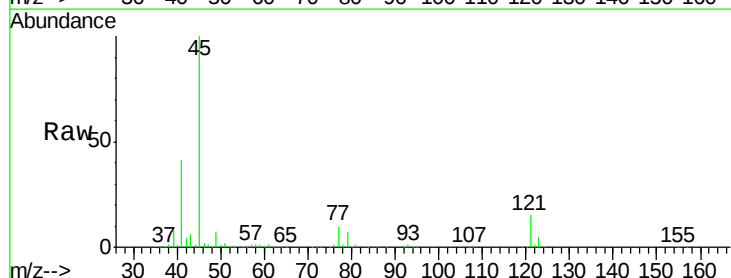
RT: 7.14 min Scan# 425

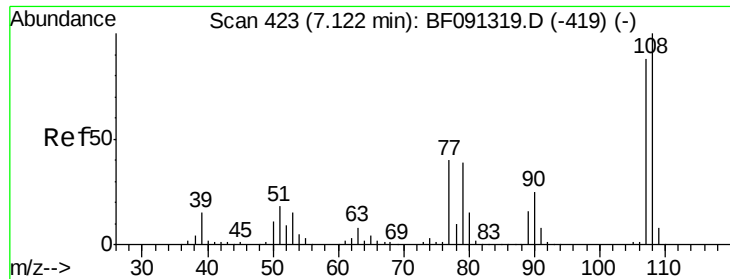
Delta R.T. -0.02 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 940557 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 9.6   | 3.8   | 43.8   |
| 79        | 7.5   | 0.2   | 40.2   |





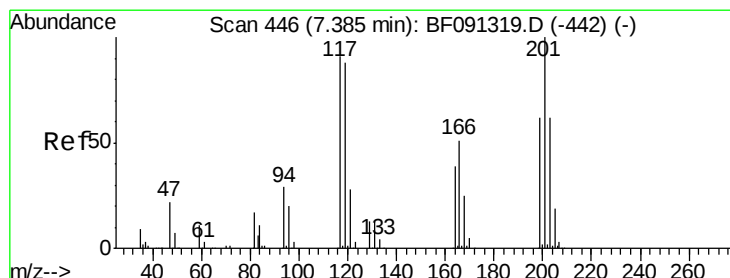
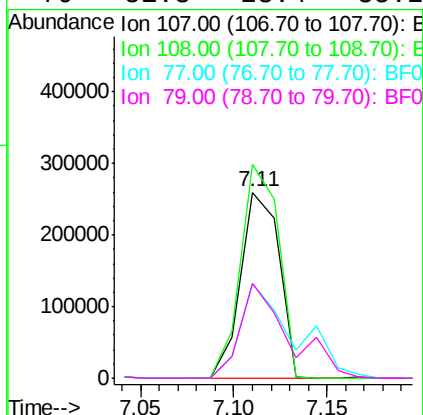
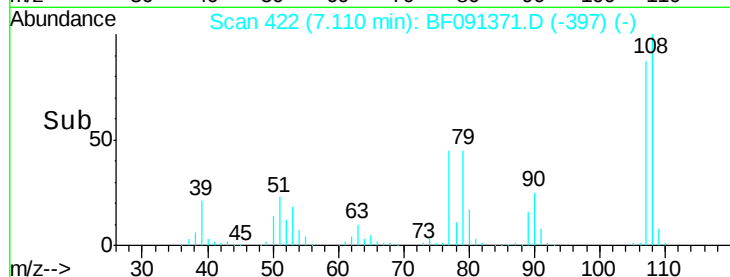
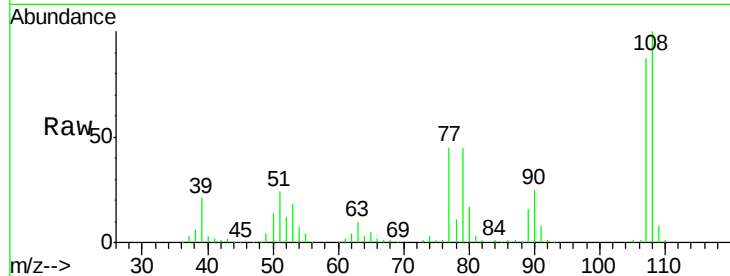
#17  
2-Methylphenol  
Concen: 39.64 ng  
RT: 7.11 min Scan# 422  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 107     | 100   |      |        |       |
| 108     | 115.0 | 67.7 | 101.5# |       |
| 77      | 51.2  | 40.7 | 61.1   |       |
| 79      | 51.3  | 23.4 | 35.2#  |       |

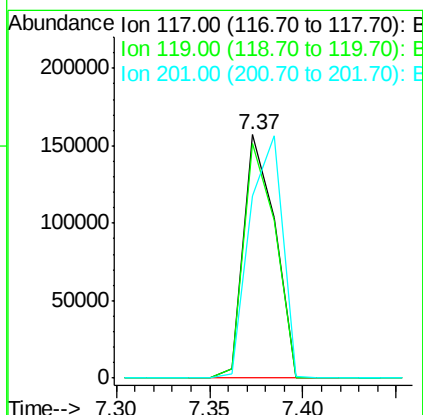
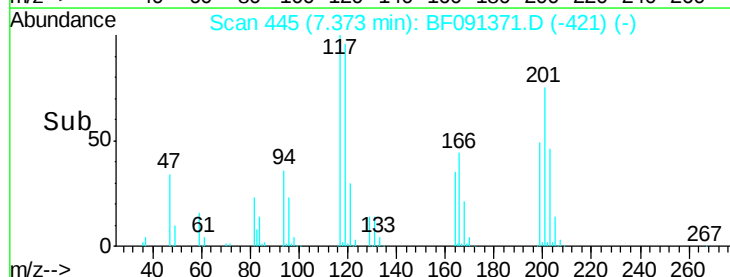
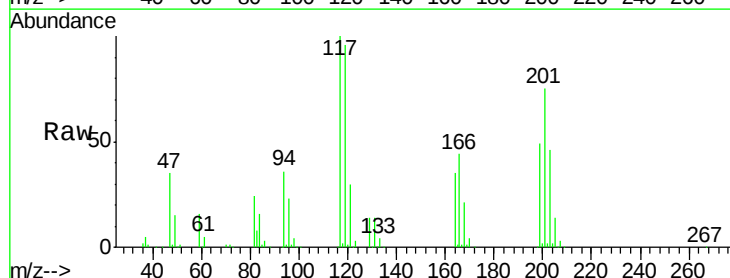
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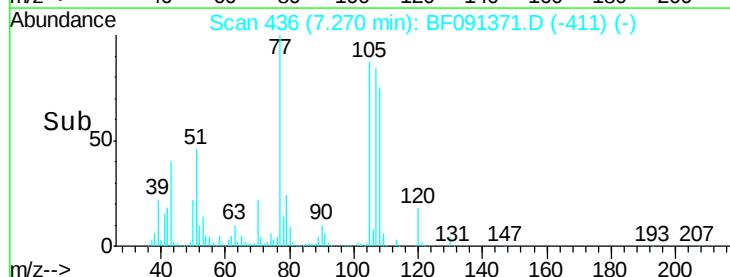
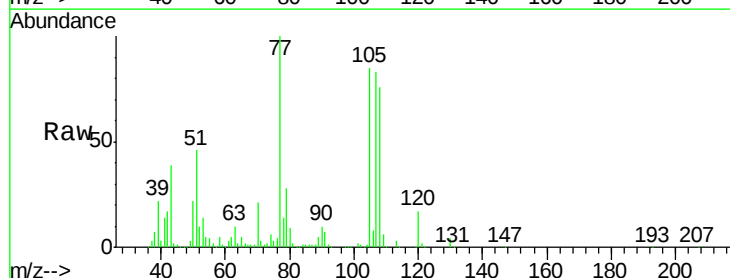
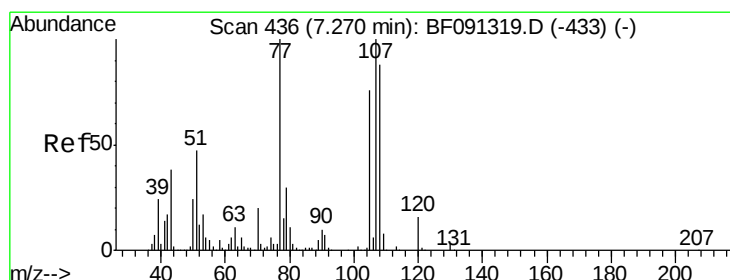
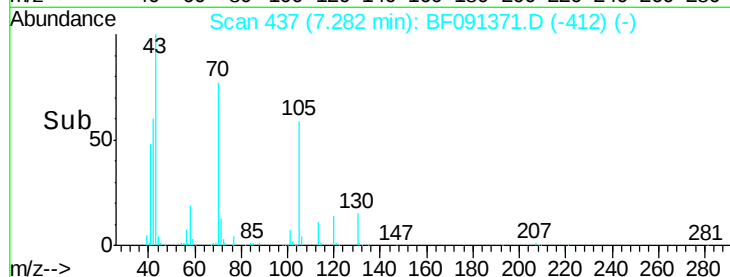
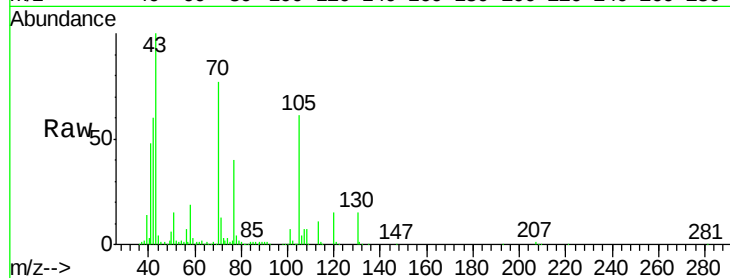
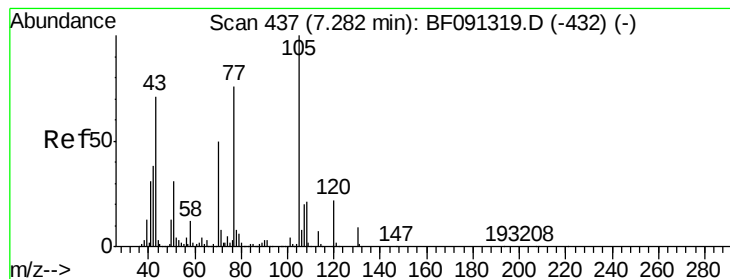
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#18  
Hexachloroethane  
Concen: 39.41 ng  
RT: 7.37 min Scan# 445  
Delta R.T. -0.03 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 117     | 100   |      |        |       |
| 119     | 96.2  | 78.6 | 118.0  |       |
| 201     | 74.6  | 86.7 | 130.1# |       |





#19

n-Nitroso-di-n-propylamine

Concen: 40.45 ng

RT: 7.28 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 338562

Ion Ratio Lower Upper

70 100

42 78.2 64.8 97.2

101 8.9 6.2 9.4

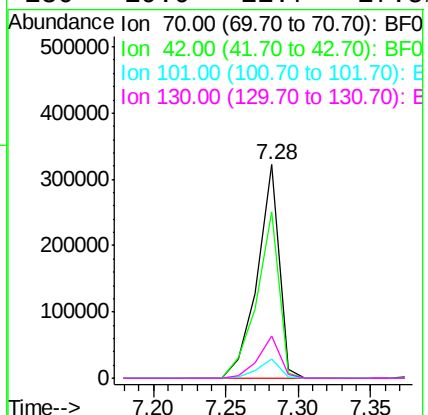
130 19.9 11.7 17.5#

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#20

3+4-Methylphenols

Concen: 38.57 ng

RT: 7.27 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

Tgt Ion:107 Resp: 440433

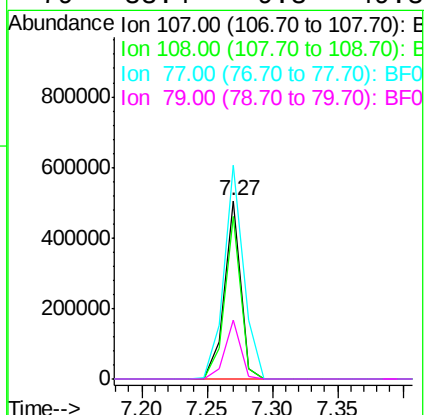
Ion Ratio Lower Upper

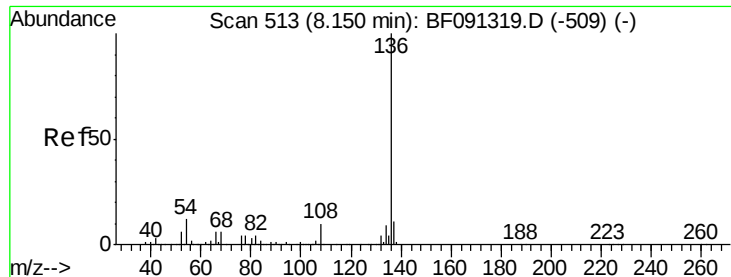
107 100

108 90.9 64.6 104.6

77 119.8 30.9 70.9#

79 33.4 9.3 49.3





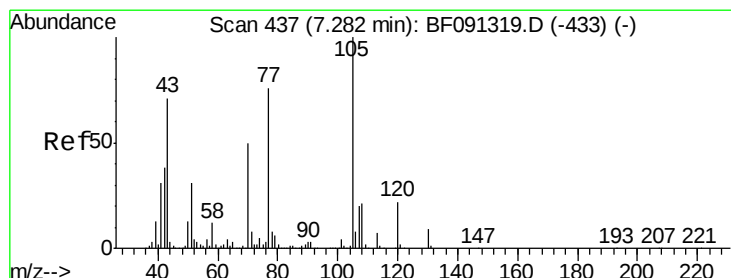
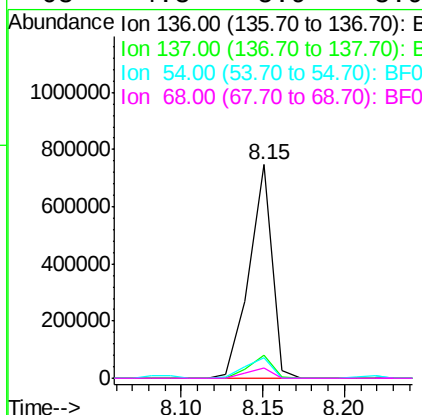
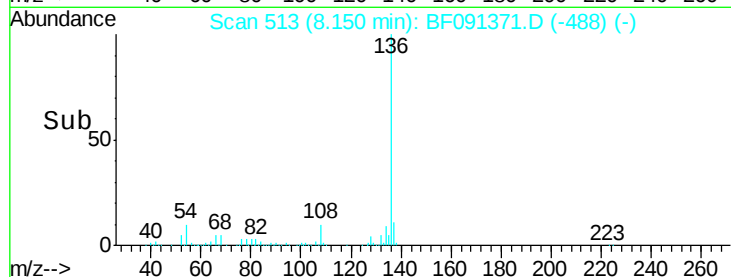
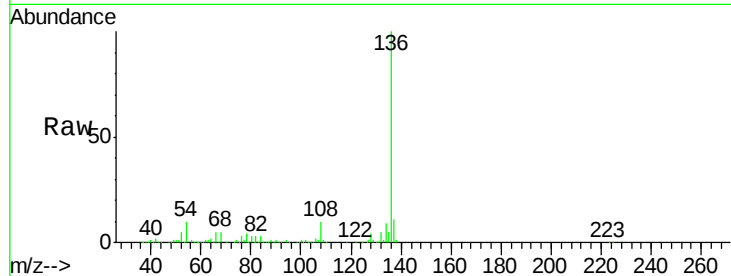
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.15 min Scan# 513  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 136     | 100   |            |       |
| 137     | 10.8  | 9.1        | 13.7  |
| 54      | 9.6   | 9.1        | 13.7  |
| 68      | 4.8   | 5.9        | 8.9#  |

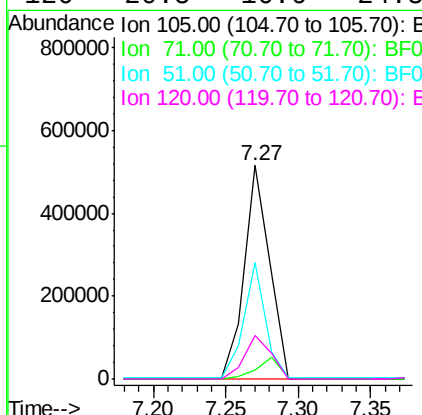
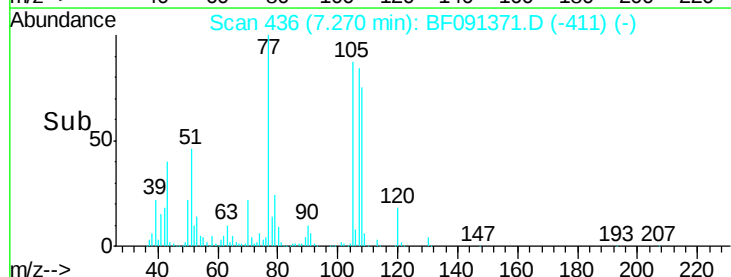
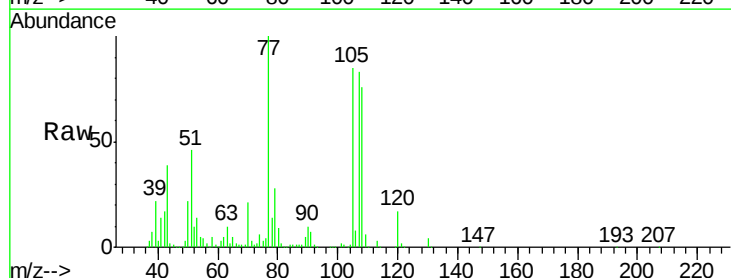
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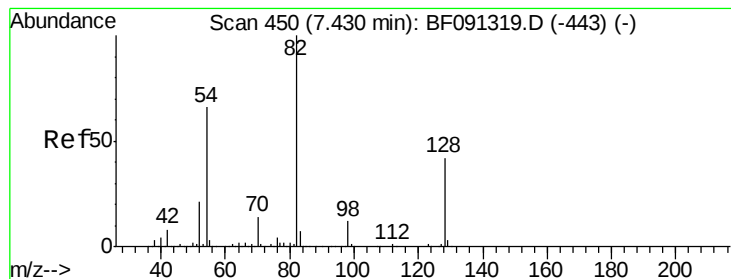
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#22  
Acetophenone  
Concen: 36.24 ng  
RT: 7.27 min Scan# 436  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 105     | 100   |            |       |
| 71      | 4.1   | 7.9        | 11.9# |
| 51      | 54.5  | 24.5       | 36.7# |
| 120     | 20.5  | 16.6       | 24.8  |





#23

Nitrobenzene-d5

Concen: 80.07 ng

RT: 7.43 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1033163

Ion Ratio Lower Upper

82 100

128 44.9 31.8 47.6

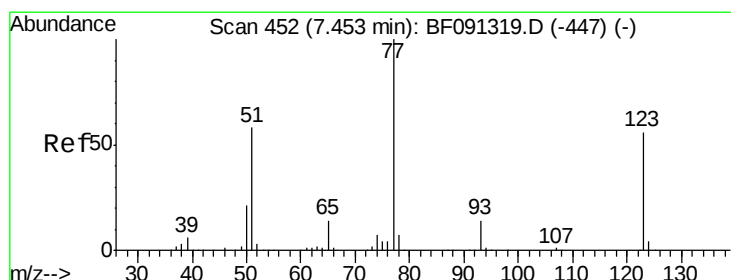
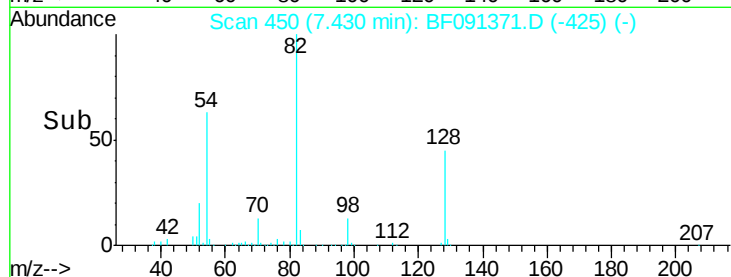
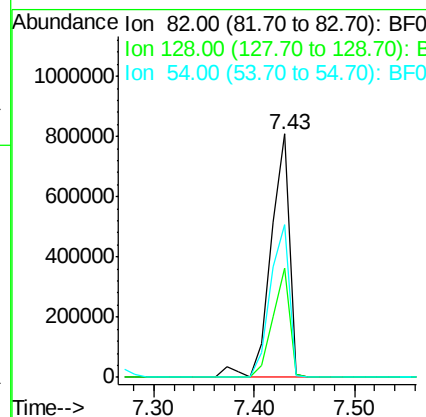
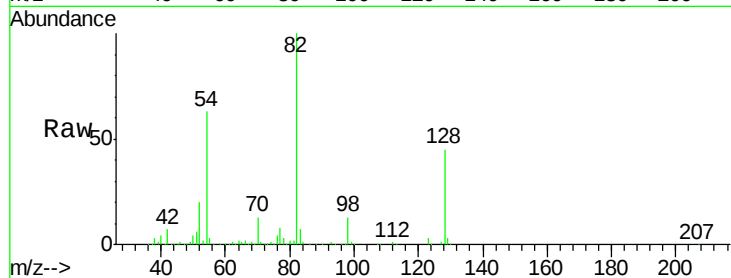
54 63.0 49.1 73.7

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#24

Nitrobenzene

Concen: 35.17 ng

RT: 7.44 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

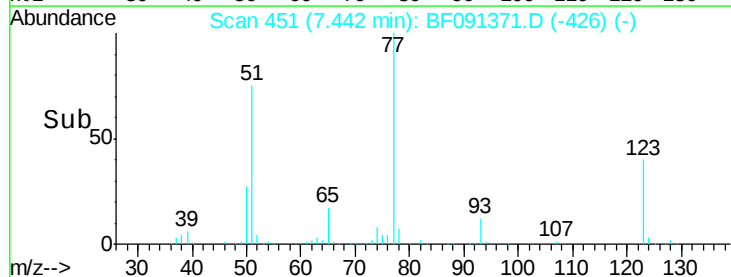
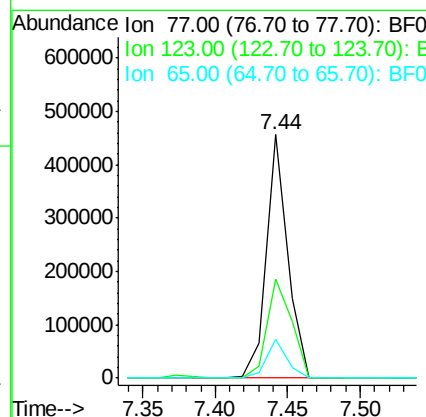
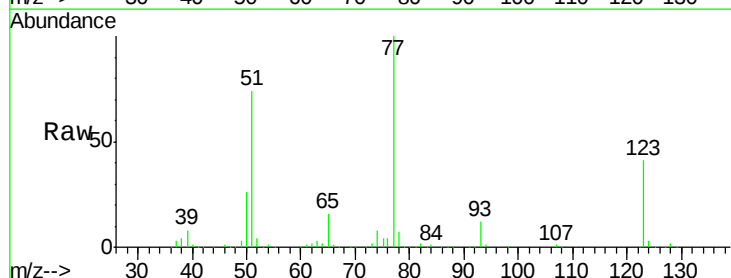
Tgt Ion: 77 Resp: 464642

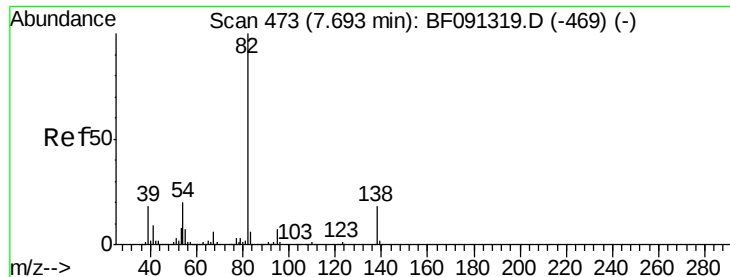
Ion Ratio Lower Upper

77 100

123 40.7 28.5 42.7

65 16.0 12.5 18.7





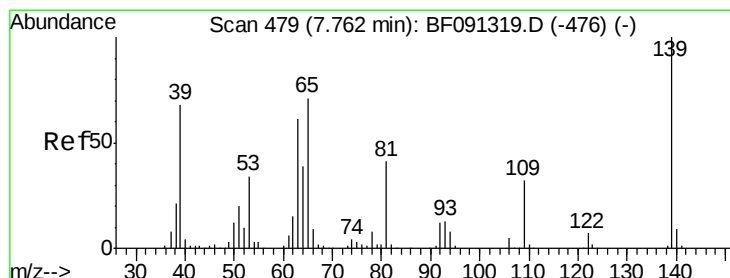
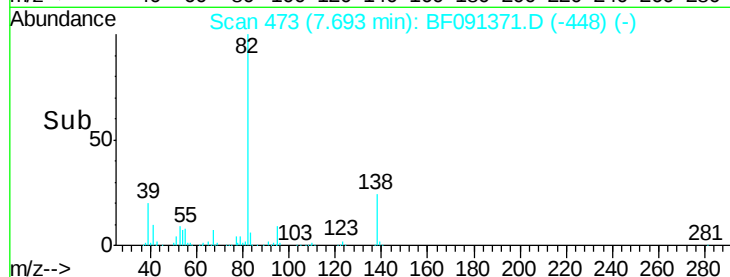
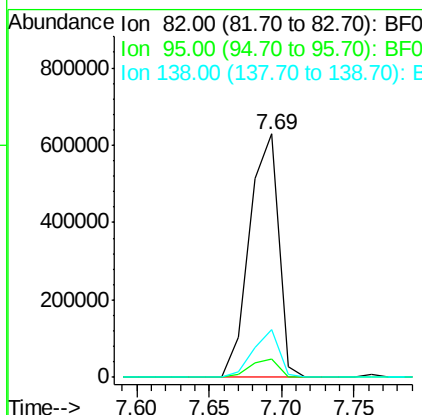
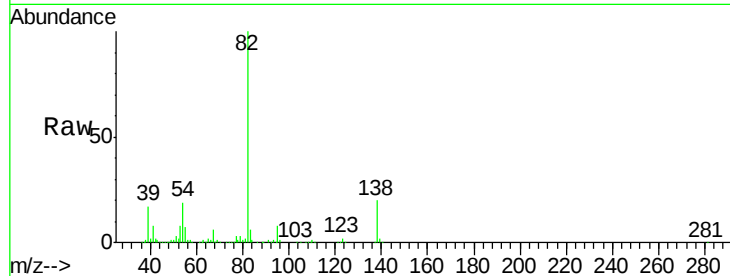
#25  
Isophorone  
Concen: 38.23 ng  
RT: 7.69 min Scan# 473  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 7.6   | 5.7   | 8.5   |
| 138     | 19.7  | 13.4  | 20.0  |

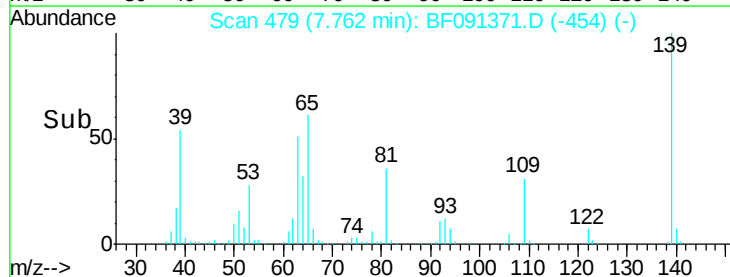
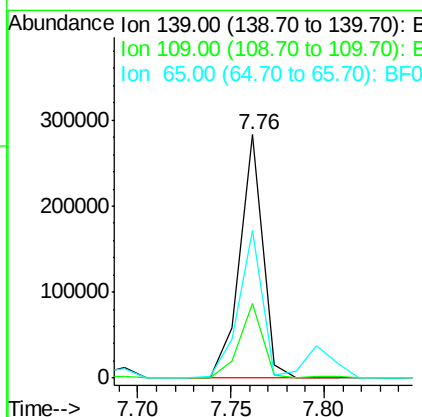
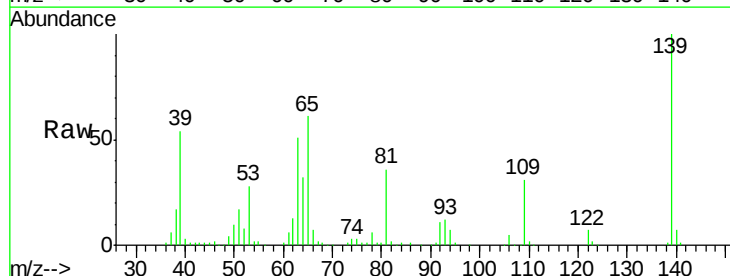
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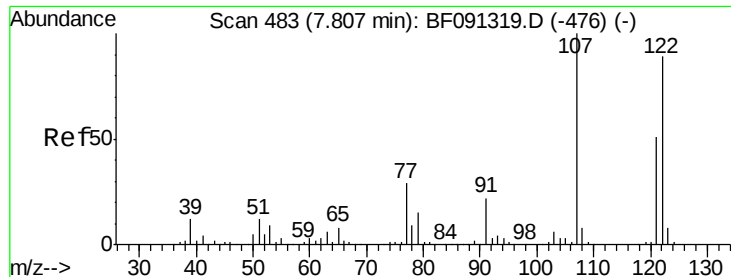
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#26  
2-Nitrophenol  
Concen: 40.90 ng  
RT: 7.76 min Scan# 479  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 30.5  | 25.3  | 37.9  |
| 65      | 60.9  | 55.4  | 83.2  |





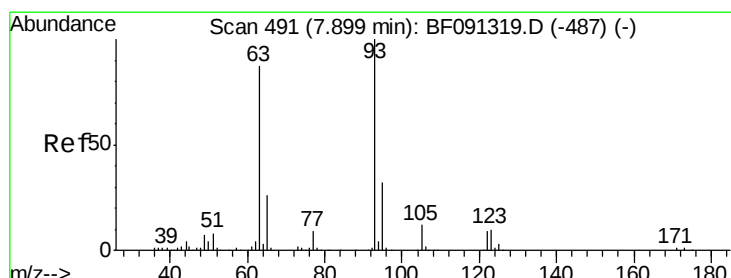
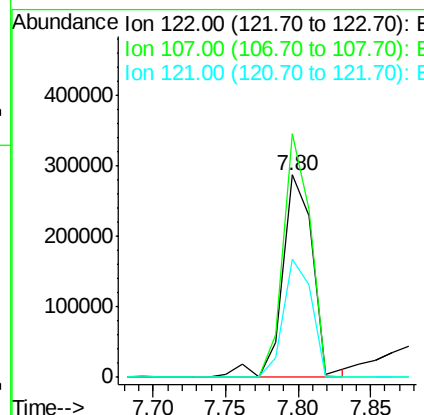
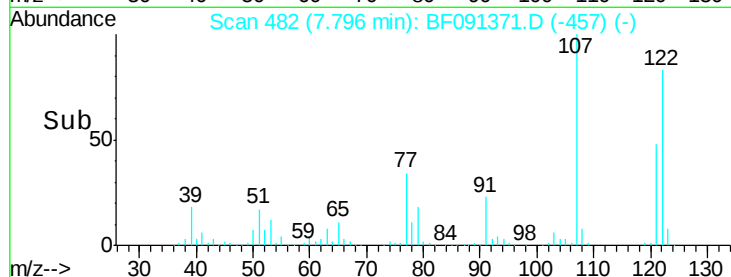
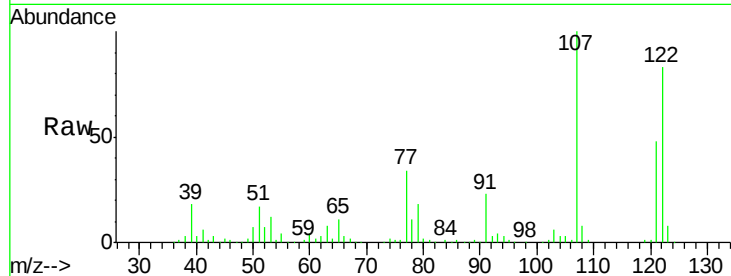
#27  
2,4-Dimethylphenol  
Concen: 36.95 ng  
RT: 7.80 min Scan# 482  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 416172 |       |       |
| 107     | 120.4 | 96.8   | 145.2 |       |
| 121     | 58.2  | 47.7   | 71.5  |       |

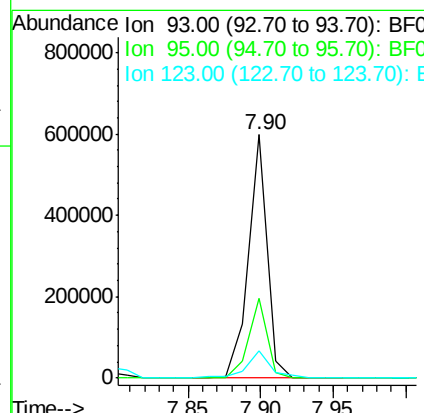
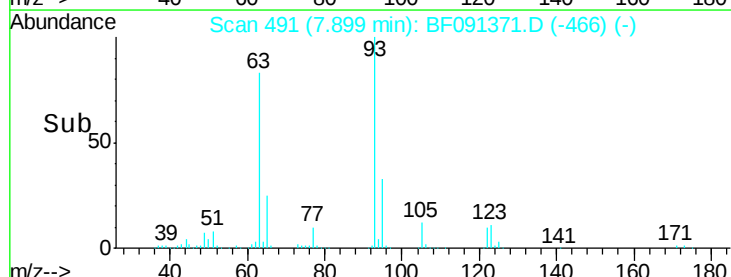
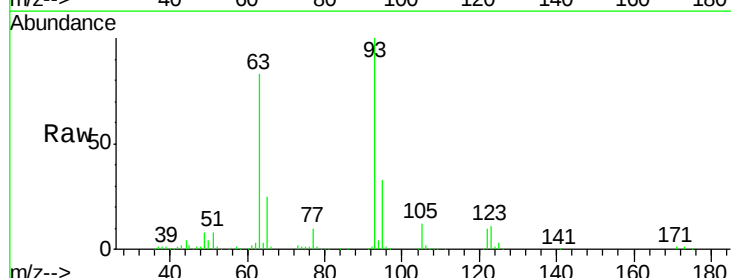
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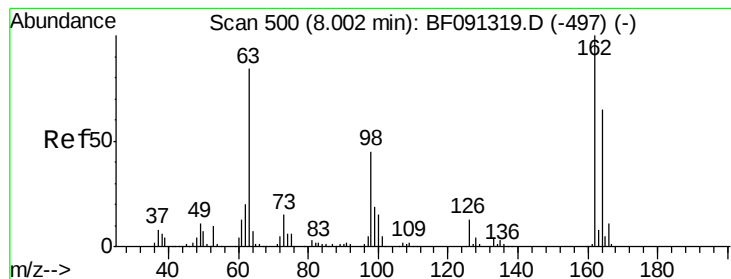
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#28  
bis(2-Chloroethoxy)methane  
Concen: 38.81 ng  
RT: 7.90 min Scan# 491  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 533989 |       |       |
| 95      | 33.0  | 26.0   | 39.0  |       |
| 123     | 11.0  | 8.6    | 12.8  |       |





#29

2,4-Dichlorophenol

Concen: 37.92 ng

RT: 8.00 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

Instrument :

BNA\_F

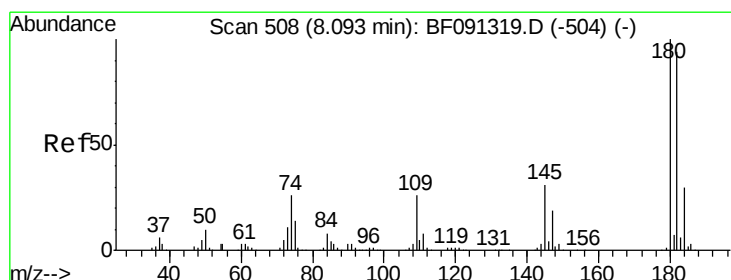
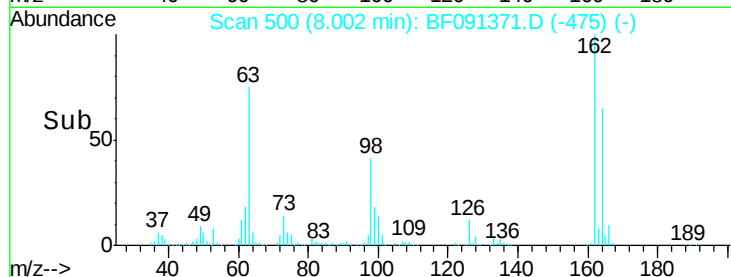
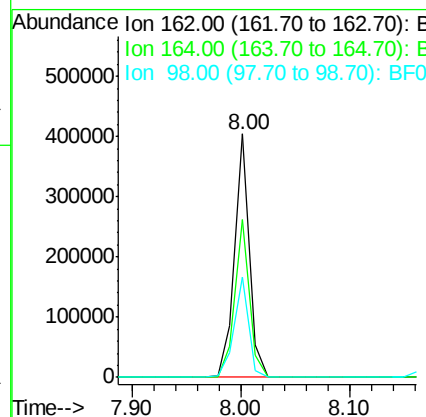
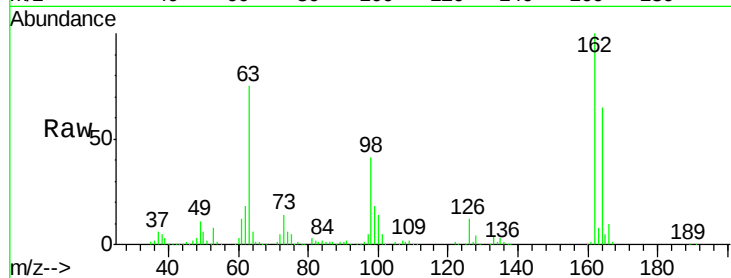
ClientSampled :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 375683 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 64.8  | 45.0  | 85.0   |
| 98        | 41.4  | 21.3  | 61.3   |

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#30

1,2,4-Trichlorobenzene

Concen: 40.52 ng

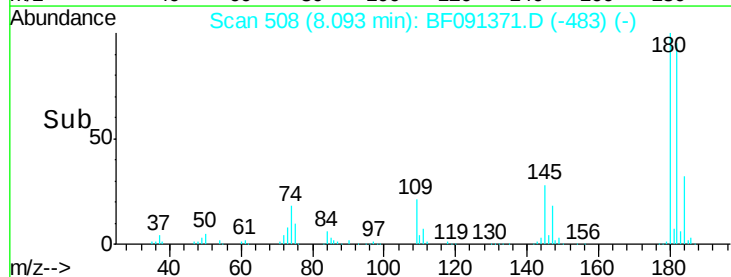
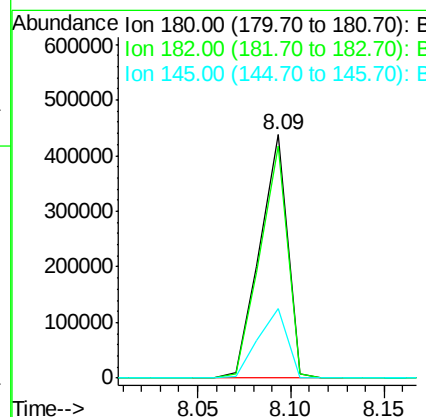
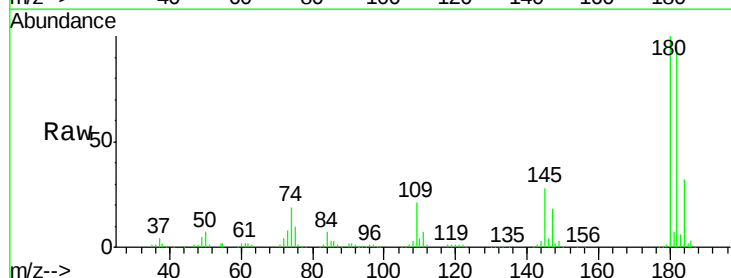
RT: 8.09 min Scan# 508

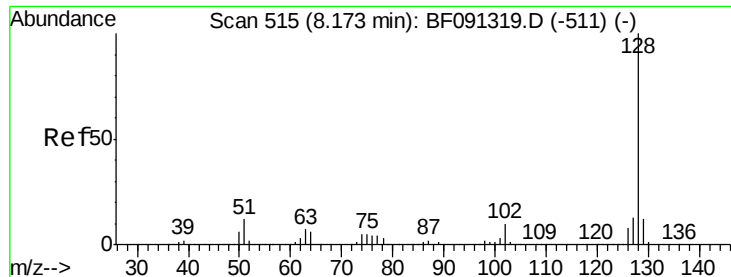
Delta R.T. -0.02 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 450019 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.4  | 75.8  | 113.8  |
| 145       | 28.4  | 27.0  | 40.4   |





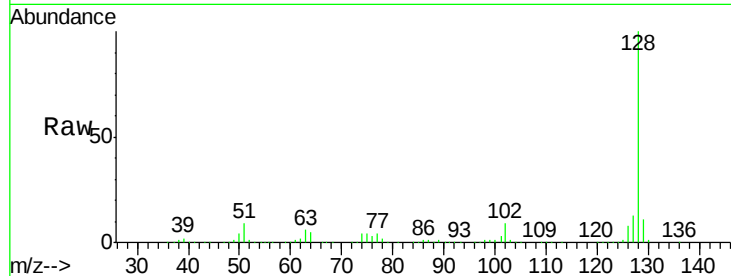
#31  
Naphthalene  
Concen: 40.12 ng  
RT: 8.17 min Scan# 515  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

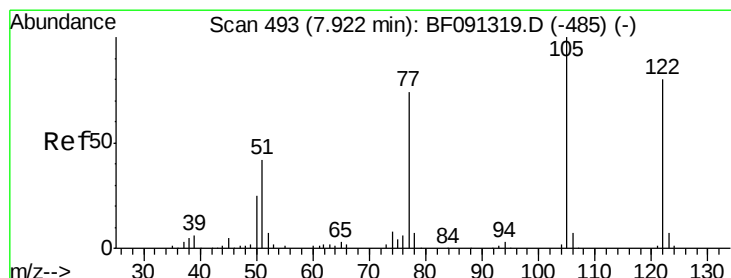
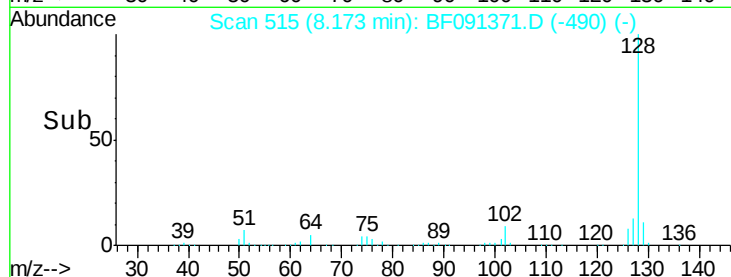
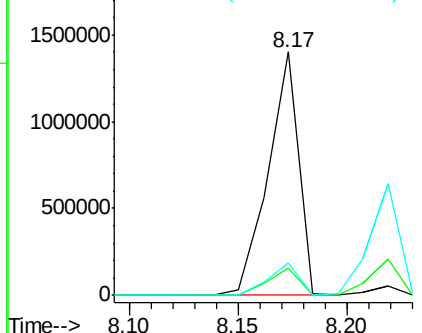
Tot Ion:128 Resp: 1378774  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.1 13.7  
127 13.4 11.0 16.4

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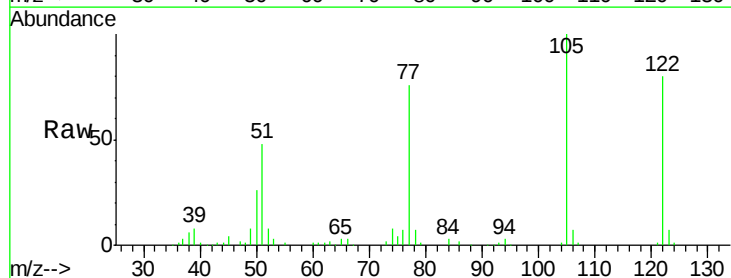


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

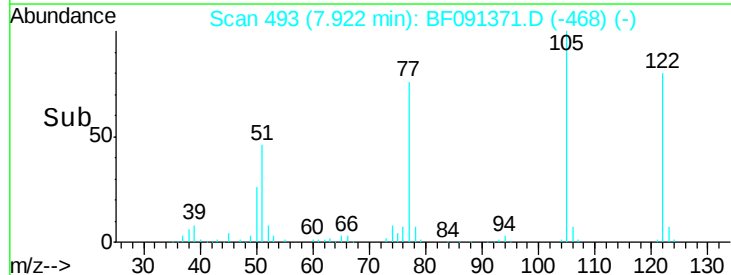
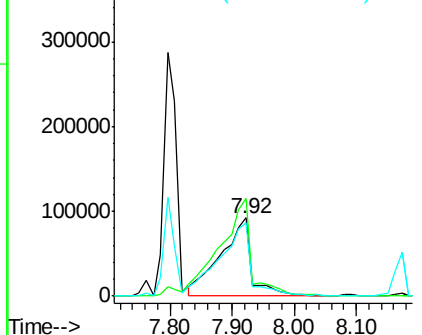


#32  
Benzoic acid  
Concen: 38.09 ng  
RT: 7.92 min Scan# 493  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Tgt Ion:122 Resp: 316240  
Ion Ratio Lower Upper  
122 100  
105 125.2 113.0 153.0  
77 94.7 82.0 122.0



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





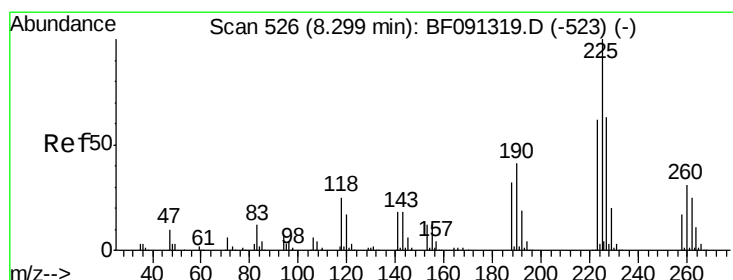
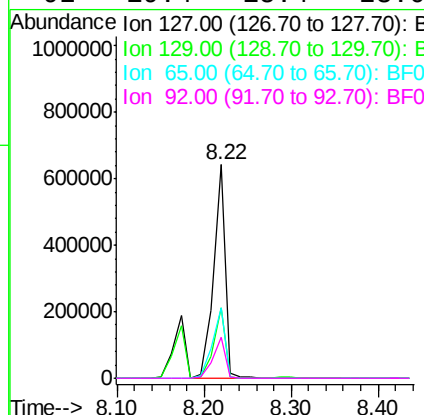
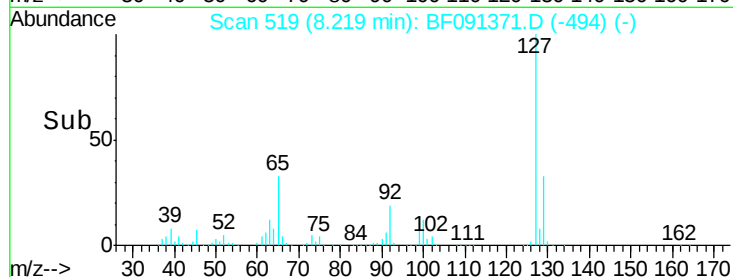
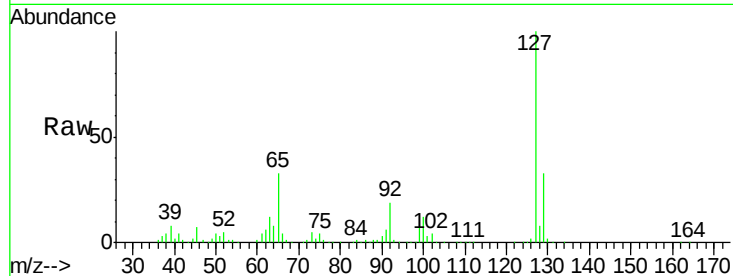
#33  
4-Chloroaniline  
Concen: 41.53 ng  
RT: 8.22 min Scan# 519  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 33.0 |       | 26.2 | 39.4  |       |
| 65      | 32.9 |       | 26.6 | 39.8  |       |
| 92      | 19.4 |       | 15.4 | 23.0  |       |

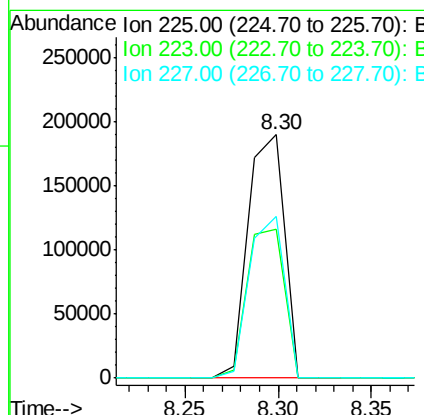
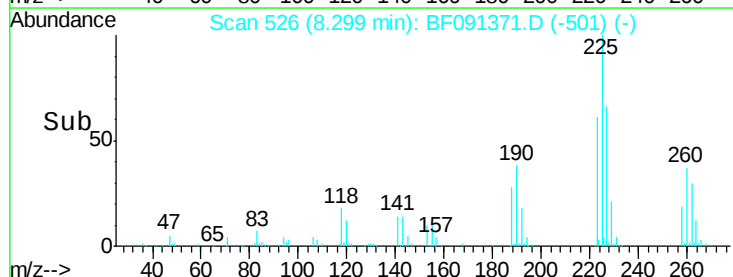
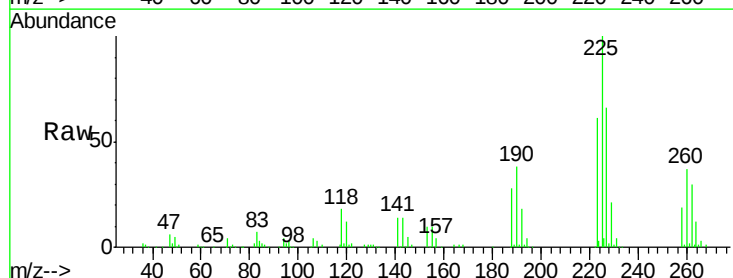
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#34  
Hexachlorobutadiene  
Concen: 37.36 ng  
RT: 8.30 min Scan# 526  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 61.4 |       | 49.8 | 74.6  |       |
| 227     | 66.5 |       | 52.6 | 79.0  |       |





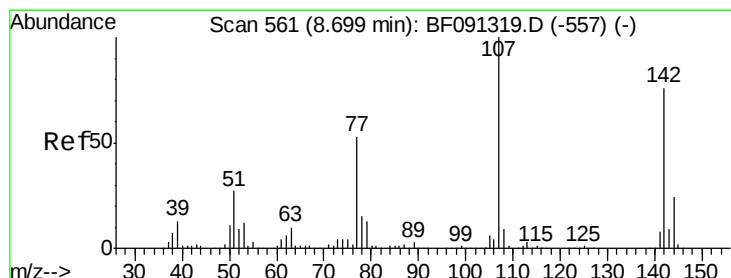
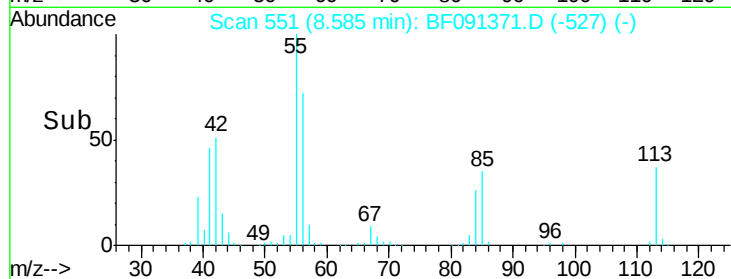
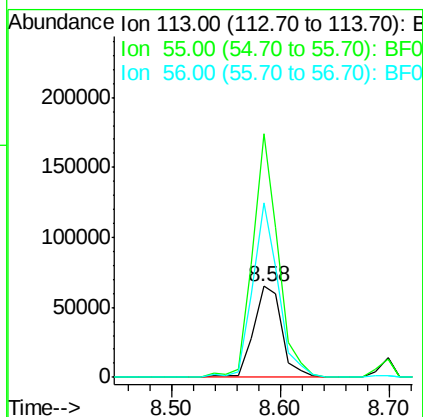
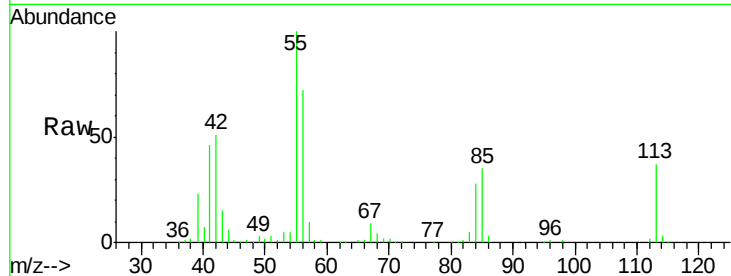
#35  
 Caprolactam  
 Concen: 41.37 ng  
 RT: 8.58 min Scan# 551  
 Delta R.T. -0.03 min  
 Lab File: BF091371.D  
 Acq: 1 Dec 2016 12:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 268.0 | 239.8 | 279.8 |
| 56      | 191.7 | 165.6 | 205.6 |

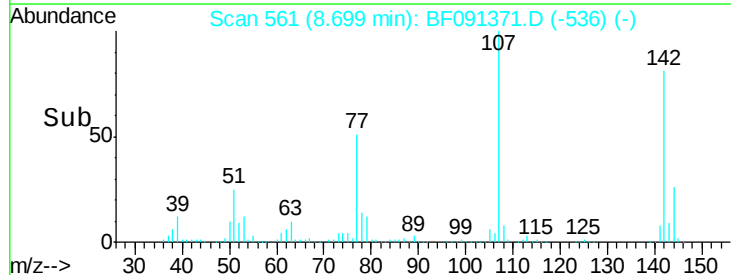
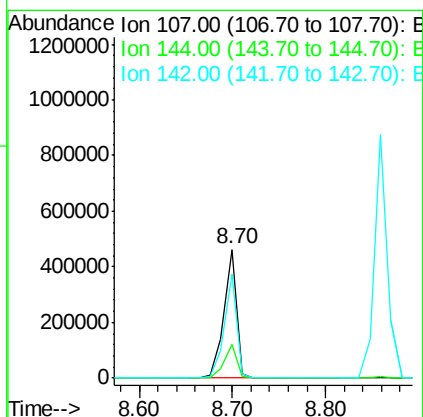
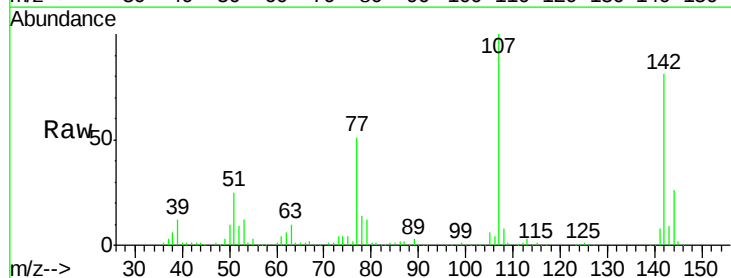
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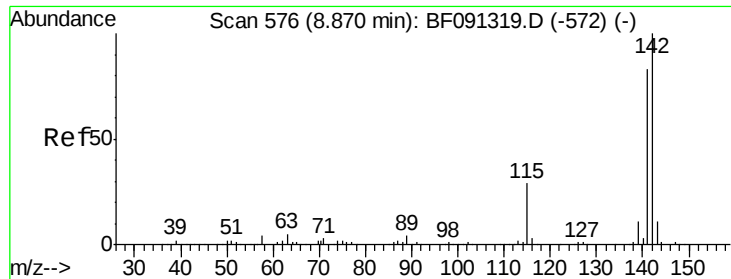
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#36  
 4-Chloro-3-methylphenol  
 Concen: 40.48 ng  
 RT: 8.70 min Scan# 561  
 Delta R.T. -0.02 min  
 Lab File: BF091371.D  
 Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.2  | 18.9  | 28.3  |
| 142     | 81.0  | 58.5  | 87.7  |





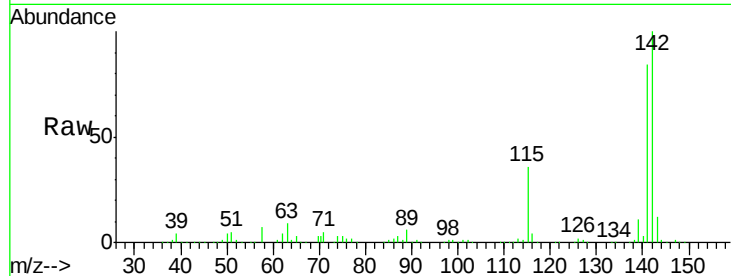
#37  
2-Methylnaphthalene  
Concen: 36.13 ng  
RT: 8.86 min Scan# 575  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 83.8  | 71.7  | 107.5 |
| 115     | 36.3  | 25.0  | 37.6  |

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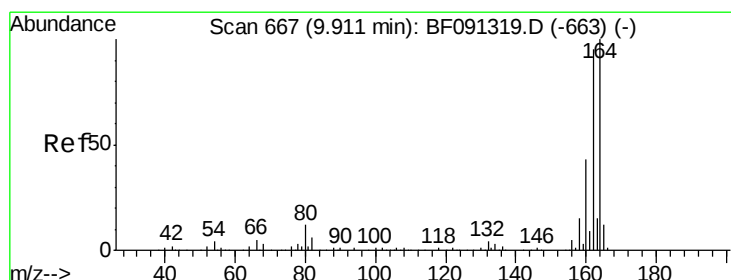
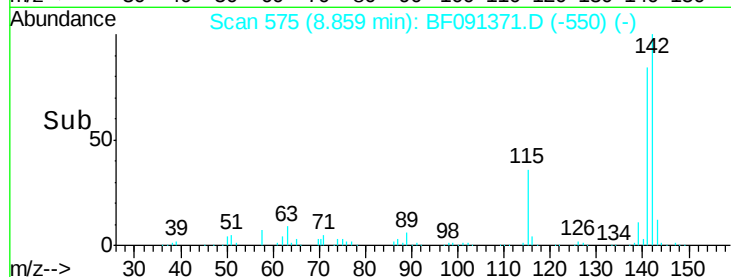
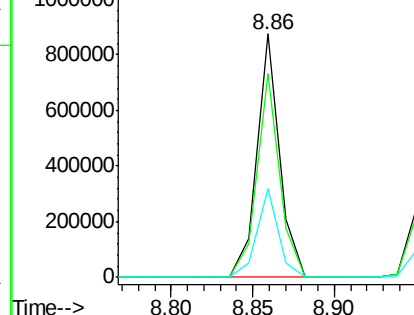


Abundance

Ion 142.00 (141.70 to 142.70): E

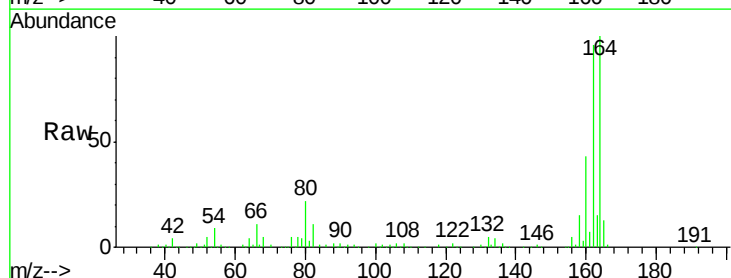
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.90 min Scan# 666  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 95.6  | 82.6  | 124.0 |
| 160     | 42.8  | 36.7  | 55.1  |

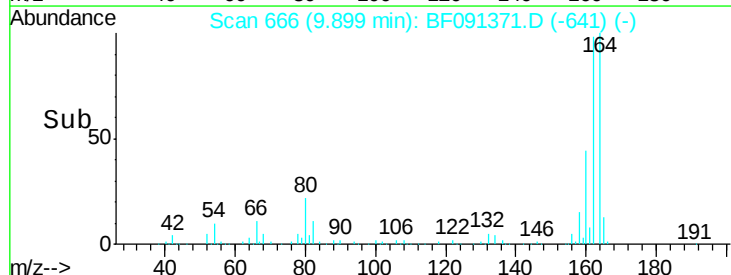
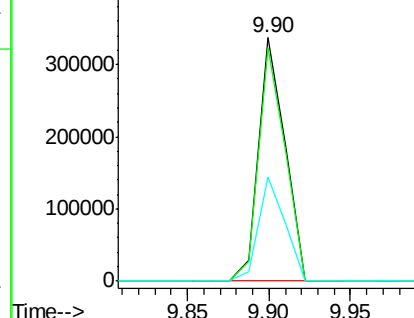


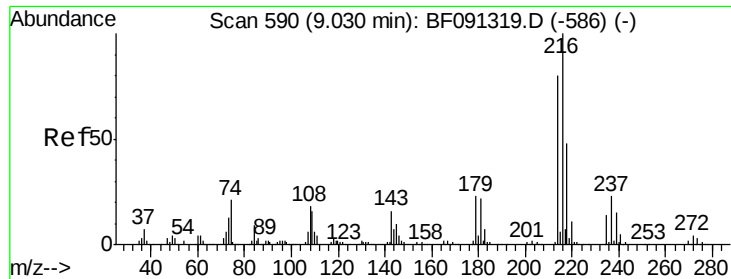
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.46 ng

RT: 9.03 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

Instrument :

BNA\_F

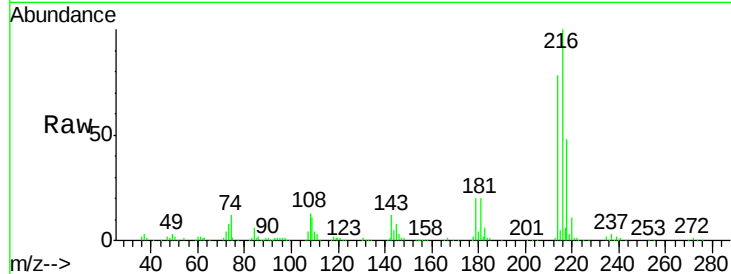
ClientSampleId :

SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 453402 |       |       |
| 214     | 78.9 |       | 63.8   | 95.8  |       |
| 179     | 21.4 |       | 18.2   | 27.2  |       |
| 108     | 17.2 |       | 17.2   | 25.8  |       |

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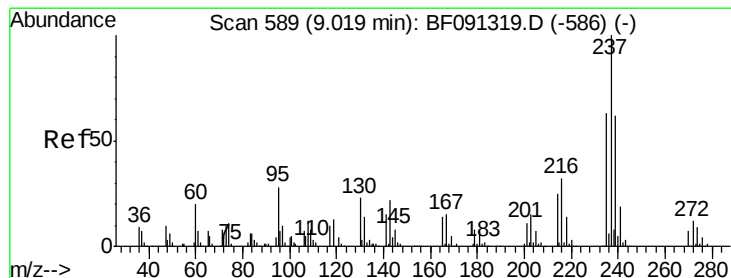
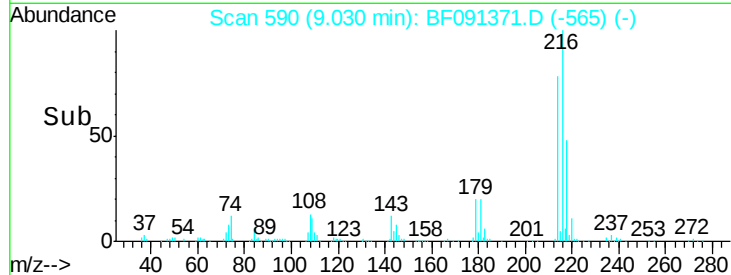
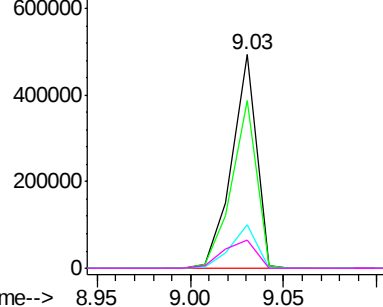


Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.70 ng

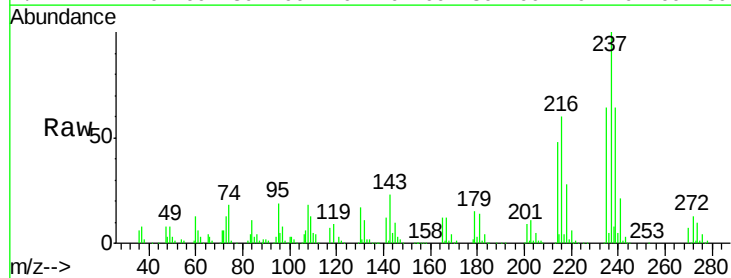
RT: 9.02 min Scan# 589

Delta R.T. -0.02 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

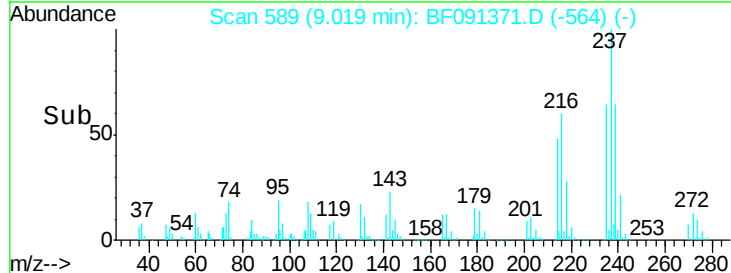
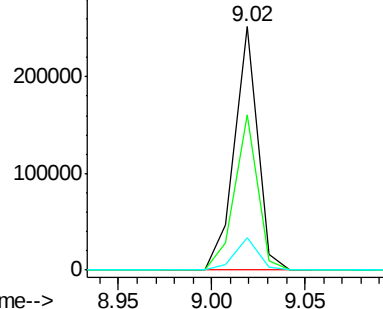
| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 237     | 100  |       | 216302 |       |       |
| 235     | 63.6 |       | 43.9   | 83.9  |       |
| 272     | 13.4 |       | 0.0    | 33.1  |       |

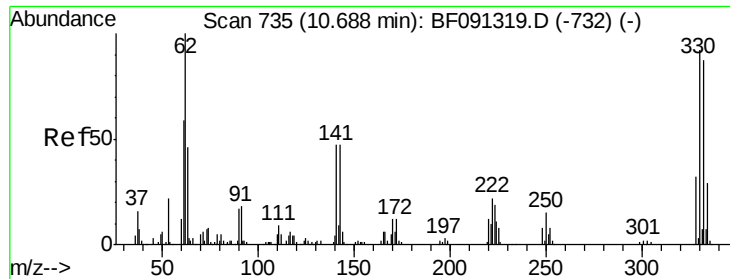


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





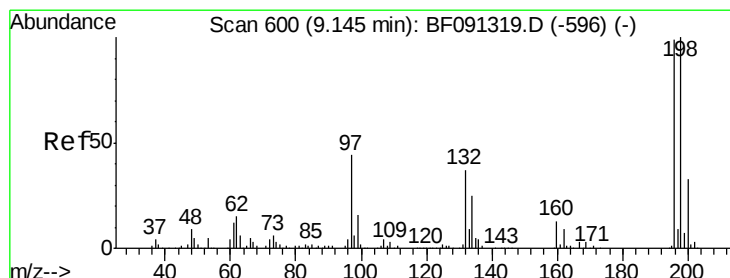
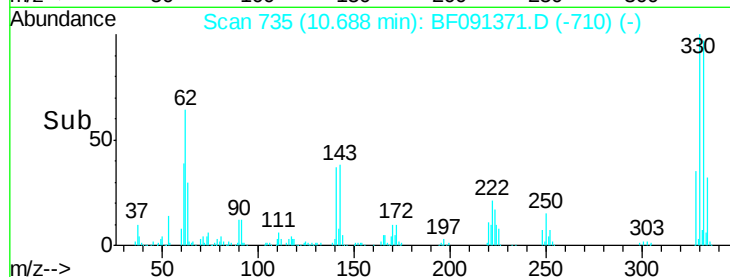
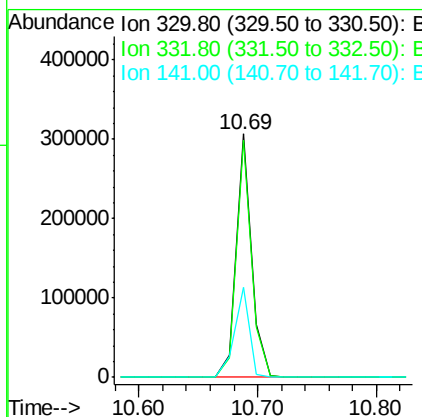
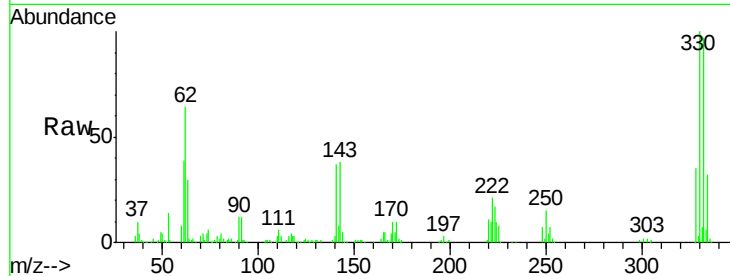
#41  
 2,4,6-Tribromophenol  
 Concen: 77.51 ng  
 RT: 10.69 min Scan# 735  
 Delta R.T. -0.02 min  
 Lab File: BF091371.D  
 Acq: 1 Dec 2016 12:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 277921 |       |       |
| 332     | 97.1  | 76.2   | 114.4 |       |
| 141     | 36.2  | 33.6   | 50.4  |       |

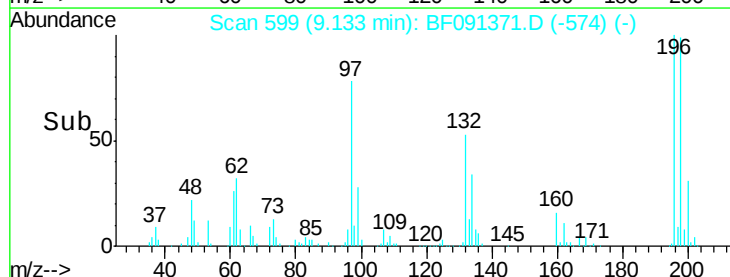
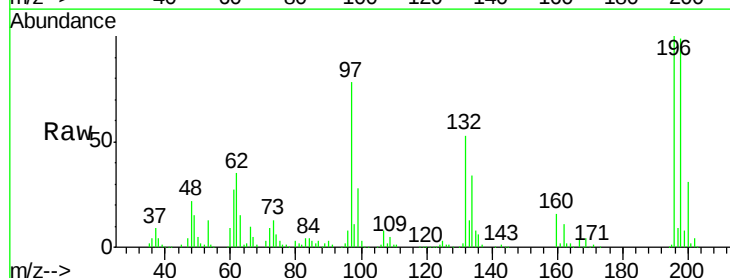
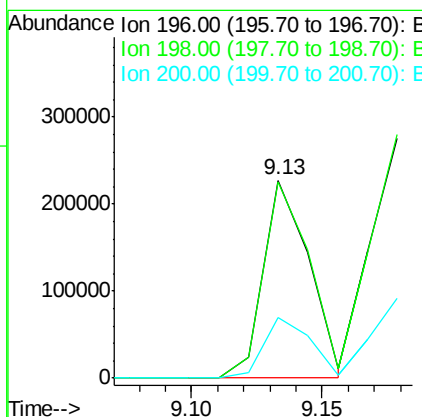
Manual Integrations  
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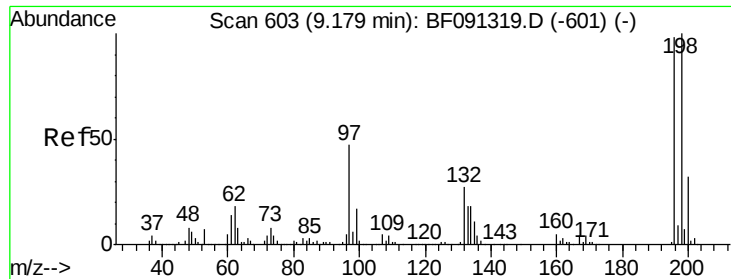
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#42  
 2,4,6-Trichlorophenol  
 Concen: 40.23 ng  
 RT: 9.13 min Scan# 599  
 Delta R.T. -0.02 min  
 Lab File: BF091371.D  
 Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 279193 |       |       |
| 198     | 99.1  | 77.4   | 116.0 |       |
| 200     | 30.7  | 25.2   | 37.8  |       |





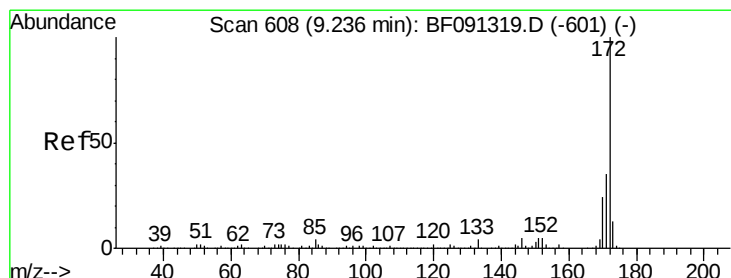
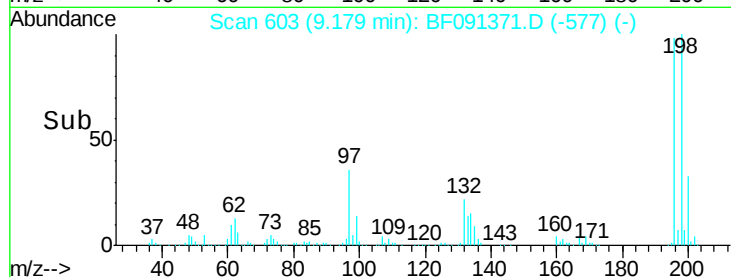
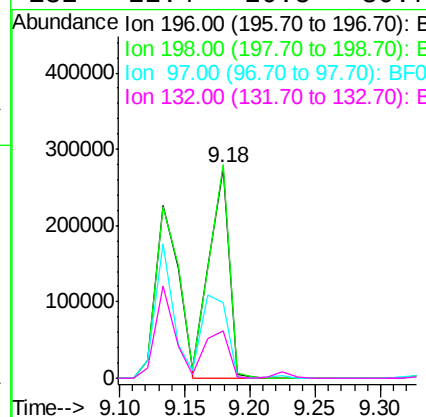
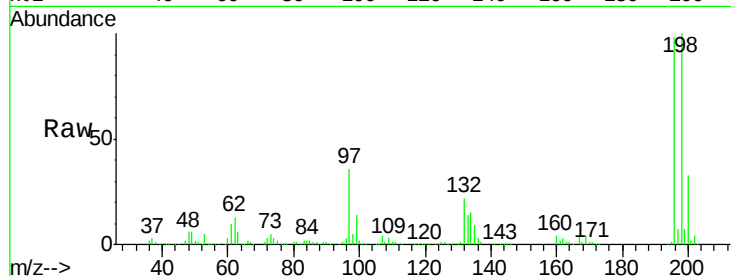
#43  
2,4,5-Trichlorophenol  
Concen: 42.50 ng  
RT: 9.18 min Scan# 603  
Delta R.T. -0.01 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion   | 196   | Resp  | 295574 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 101.6 | 77.0  | 115.6  |
| 97        | 36.2  | 33.5  | 50.3   |
| 132       | 22.4  | 20.5  | 30.7   |

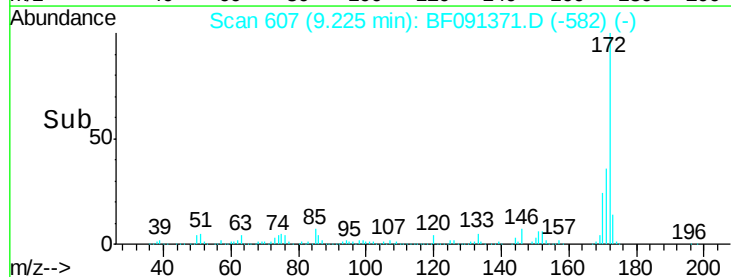
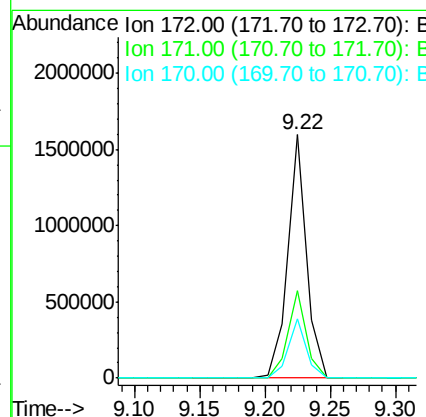
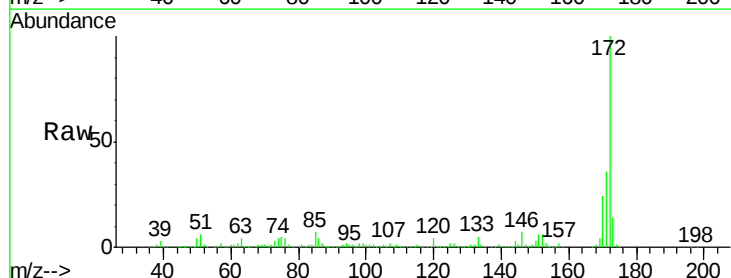
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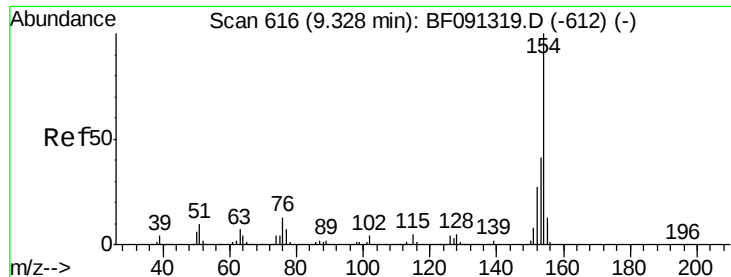
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#44  
2-Fluorobiphenyl  
Concen: 77.02 ng  
RT: 9.22 min Scan# 607  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tgt Ion   | 172   | Resp  | 1611157 |
|-----------|-------|-------|---------|
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 35.9  | 29.4  | 44.0    |
| 170       | 24.3  | 19.7  | 29.5    |





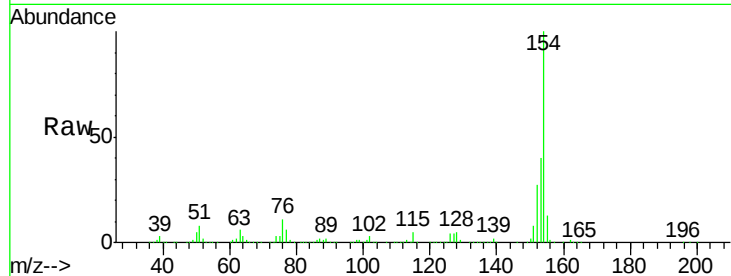
#45  
 1,1'-Biphenyl  
 Concen: 42.05 ng  
 RT: 9.33 min Scan# 616  
 Delta R.T. -0.02 min  
 Lab File: BF091371.D  
 Acq: 1 Dec 2016 12:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

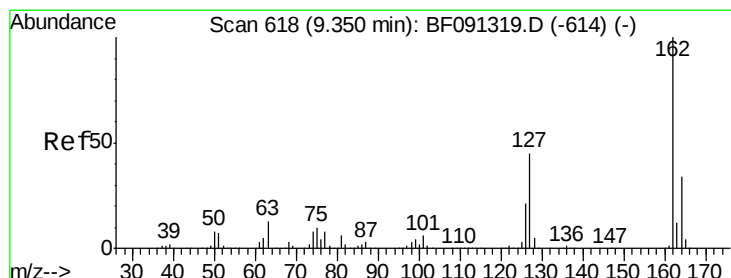
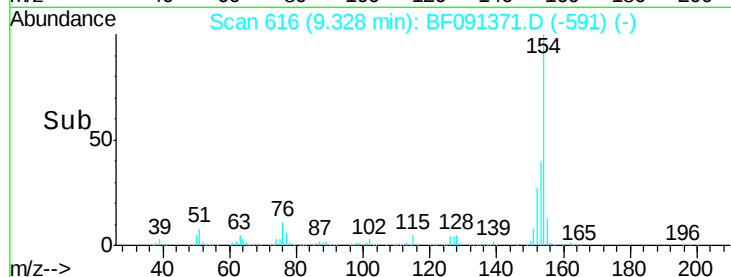
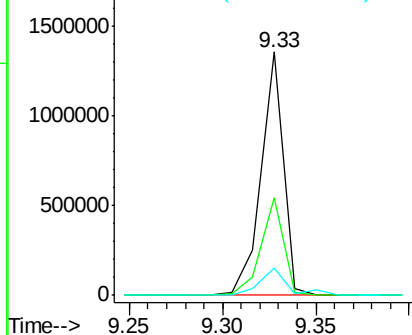
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.1  | 20.6  | 60.6  |
| 76      | 11.0  | 0.0   | 36.6  |

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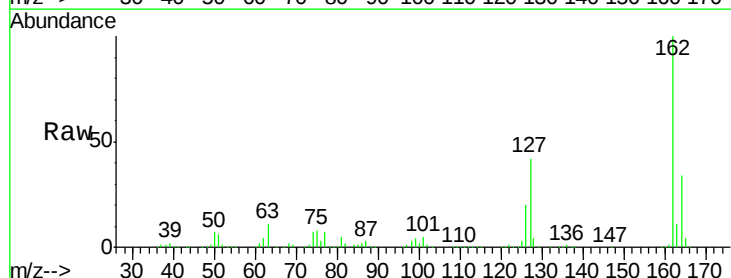


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

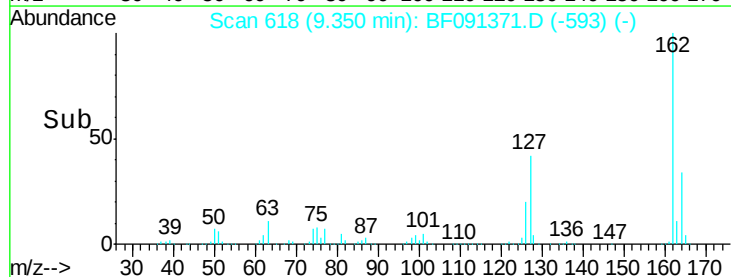
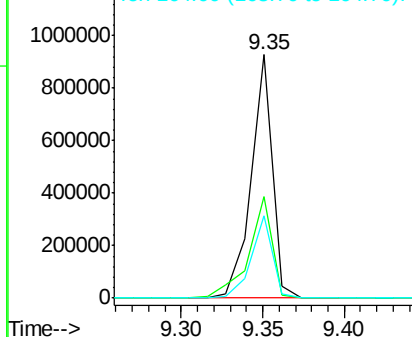


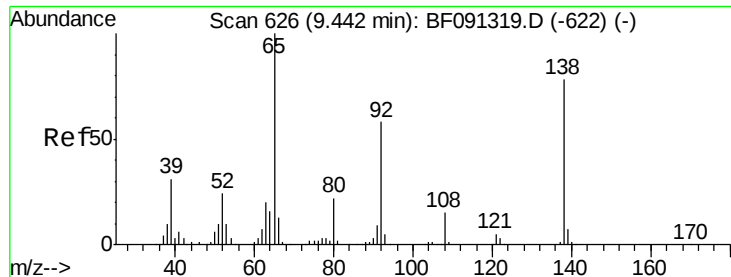
#46  
 2-Chloronaphthalene  
 Concen: 41.16 ng  
 RT: 9.35 min Scan# 618  
 Delta R.T. -0.02 min  
 Lab File: BF091371.D  
 Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.7  | 34.3  | 51.5  |
| 164     | 33.9  | 26.6  | 40.0  |



Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E





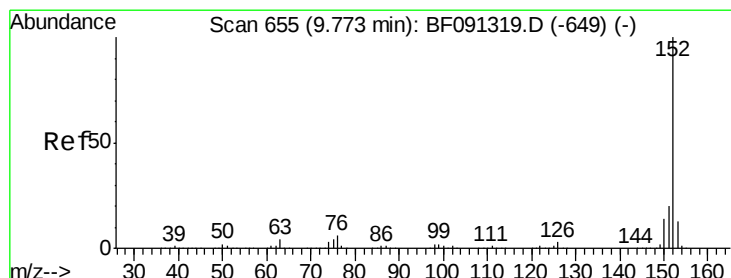
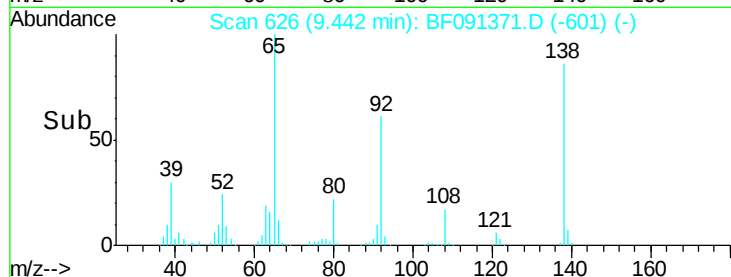
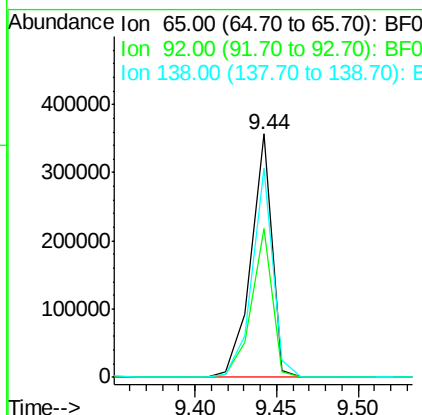
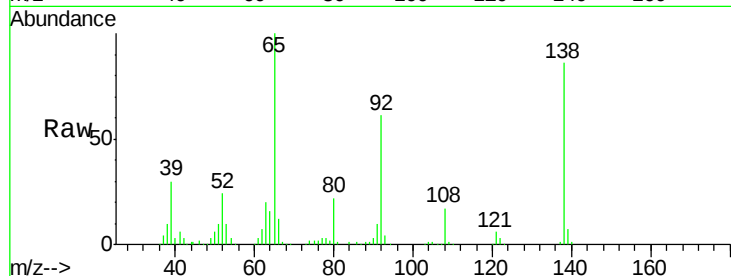
#47  
2-Nitroaniline  
Concen: 44.11 ng  
RT: 9.44 min Scan# 626  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 60.9  | 53.6  | 80.4  |
| 138     | 85.9  | 91.0  | 136.6 |

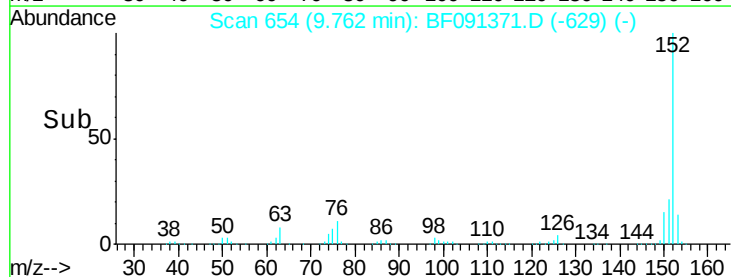
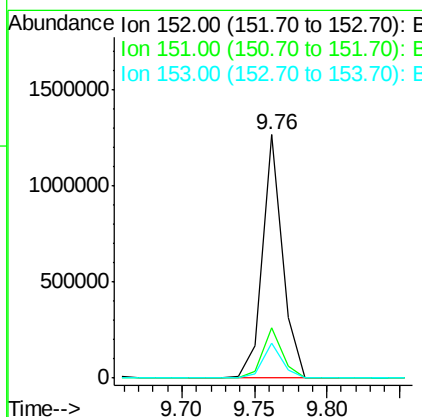
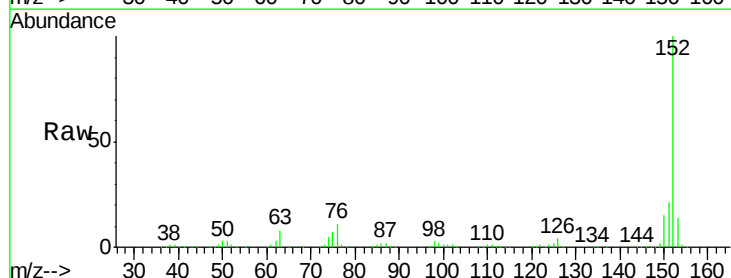
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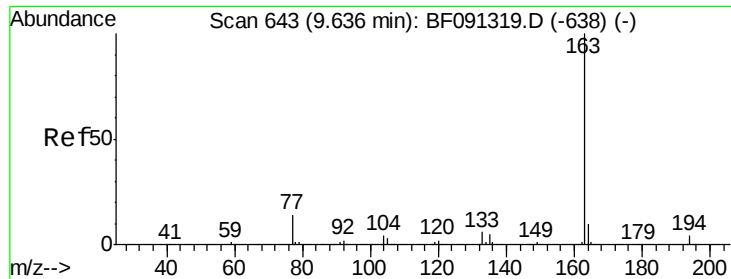
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#48  
Acenaphthylene  
Concen: 37.93 ng  
RT: 9.76 min Scan# 654  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.7  | 16.6  | 24.8  |
| 153     | 14.4  | 10.7  | 16.1  |





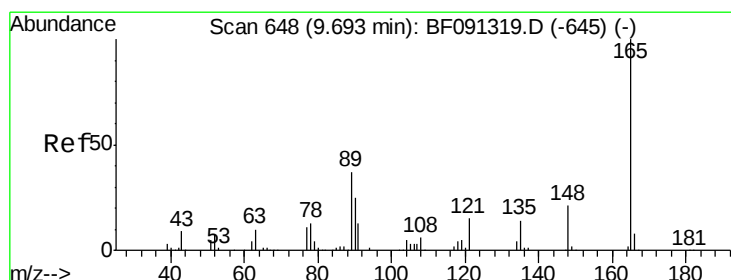
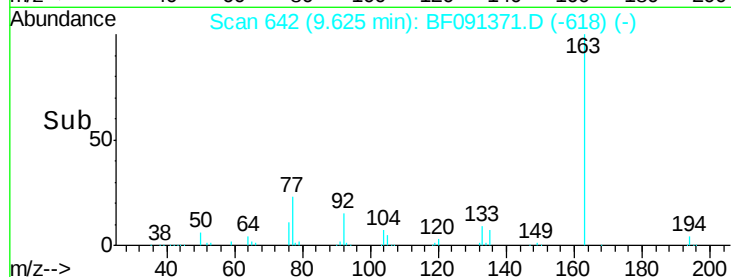
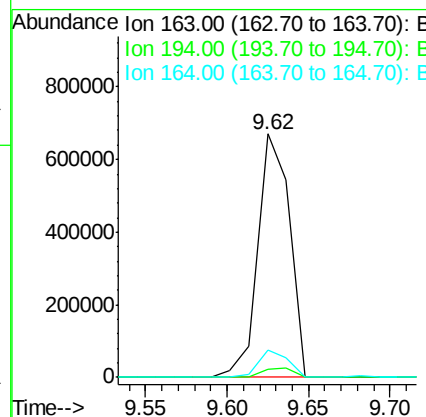
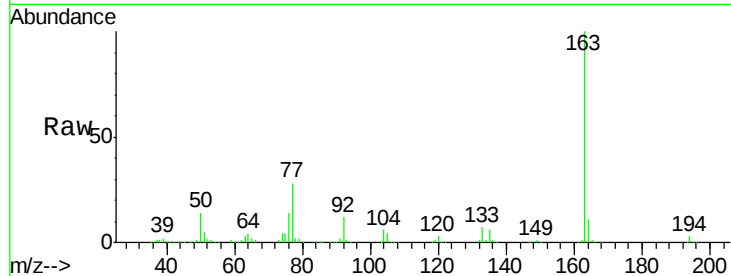
#49  
Dimethylphthalate  
Concen: 39.51 ng  
RT: 9.62 min Scan# 642  
Delta R.T. -0.03 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 906075 |       |       |
| 194     | 3.4   |        | 3.0   | 4.4   |
| 164     | 11.0  |        | 7.8   | 11.8  |

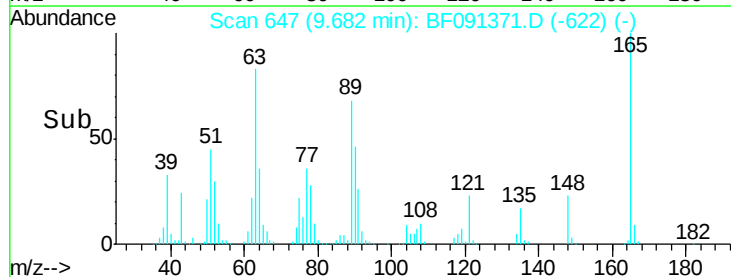
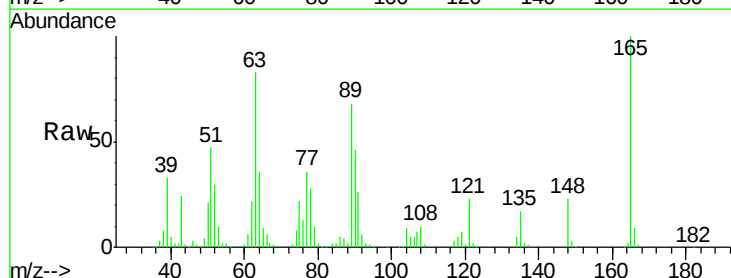
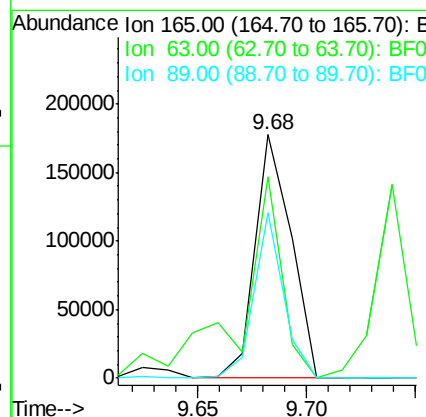
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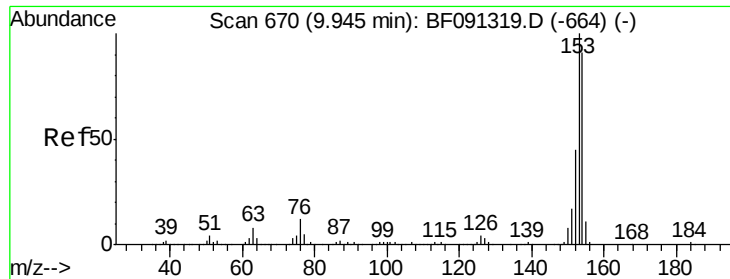
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#50  
2,6-Dinitrotoluene  
Concen: 39.98 ng  
RT: 9.68 min Scan# 647  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 204942 |       |       |
| 63      | 82.9  |        | 59.4  | 89.0  |
| 89      | 67.8  |        | 50.8  | 76.2  |





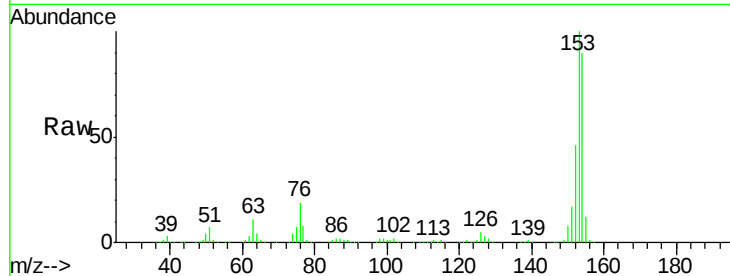
#51  
Acenaphthene  
Concen: 37.79 ng  
RT: 9.93 min Scan# 669  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

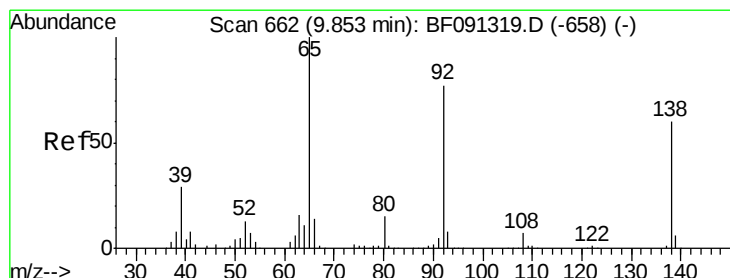
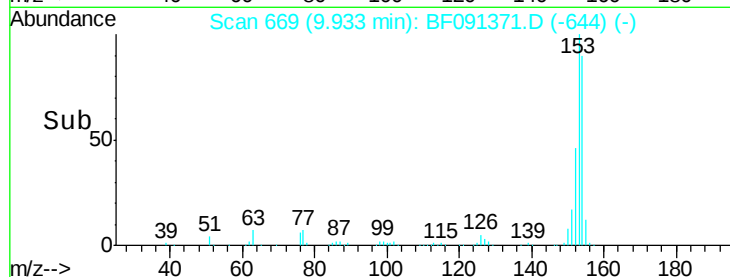
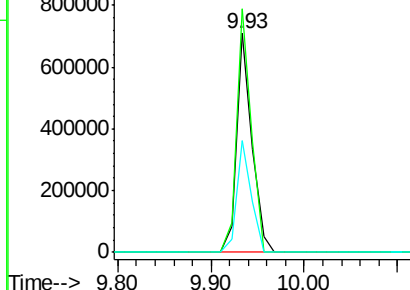
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.2 | 91.0  | 136.6 |
| 152     | 51.2  | 44.2  | 66.2  |

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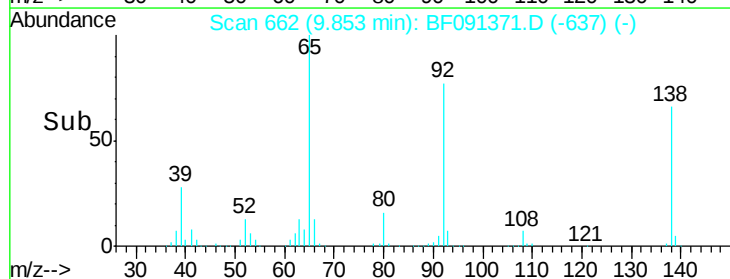
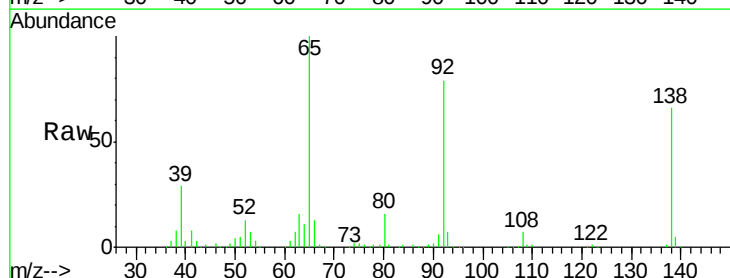
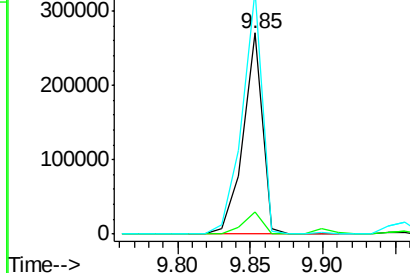
Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

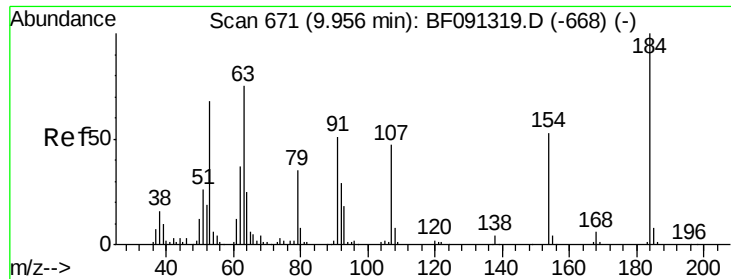


#52  
3-Nitroaniline  
Concen: 42.15 ng  
RT: 9.85 min Scan# 662  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.0  | 8.1   | 12.1  |
| 92      | 121.0 | 92.5  | 138.7 |

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





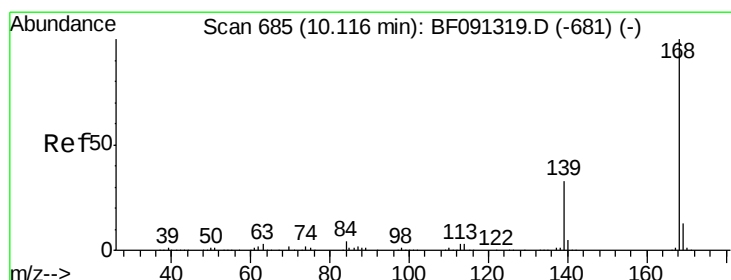
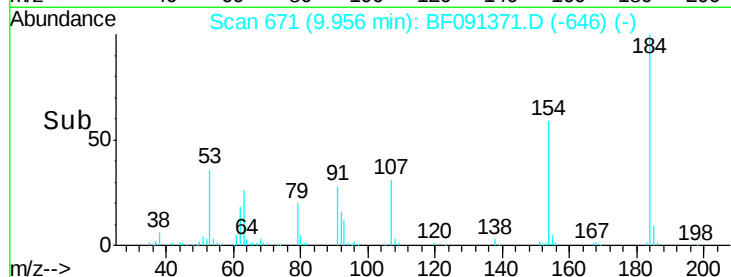
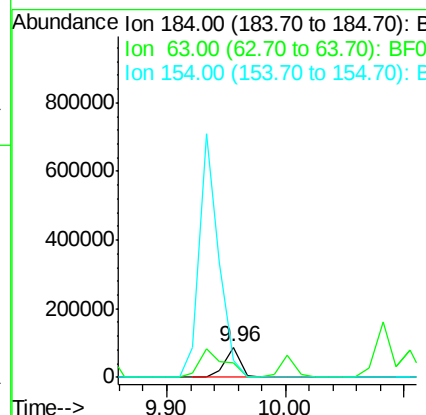
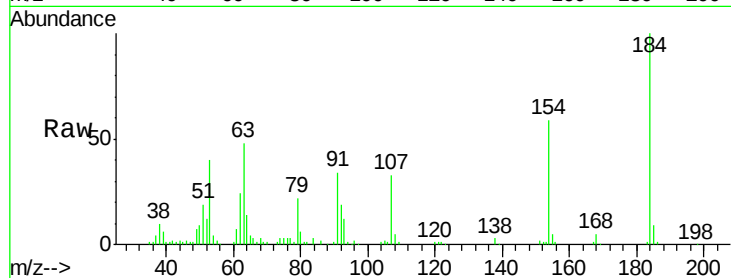
#53  
2,4-Dinitrophenol  
Concen: 34.75 ng  
RT: 9.96 min Scan# 671  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 47.9  | 58.3  | 87.5# |
| 154     | 59.1  | 48.6  | 73.0  |

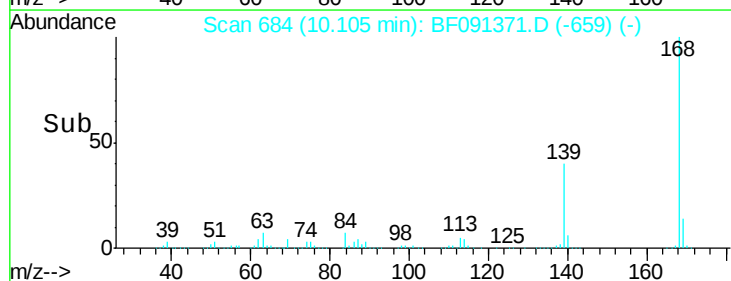
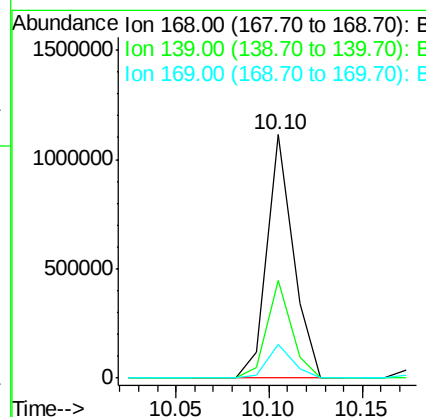
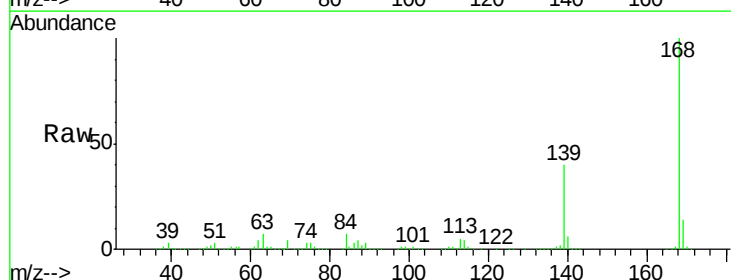
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#54  
Dibenzofuran  
Concen: 37.51 ng  
RT: 10.10 min Scan# 684  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.0  | 33.4  | 50.2  |
| 169     | 13.9  | 11.1  | 16.7  |





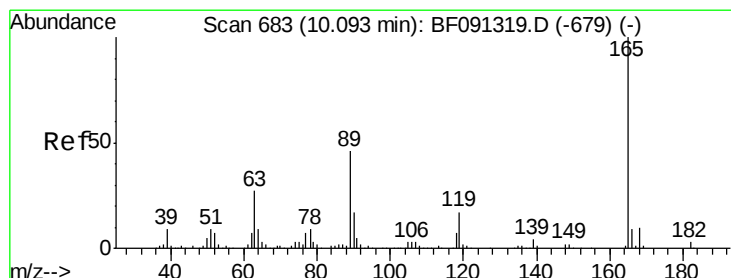
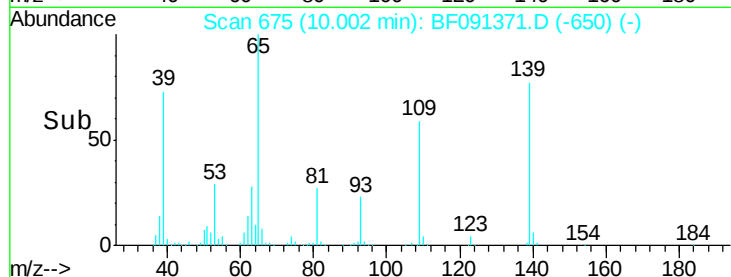
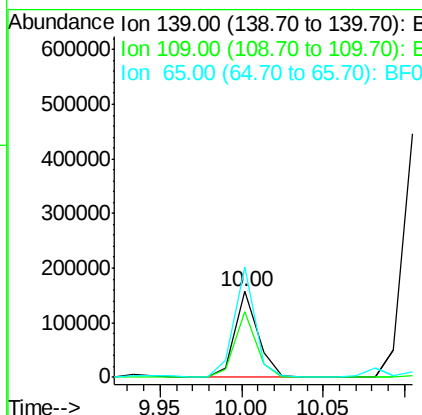
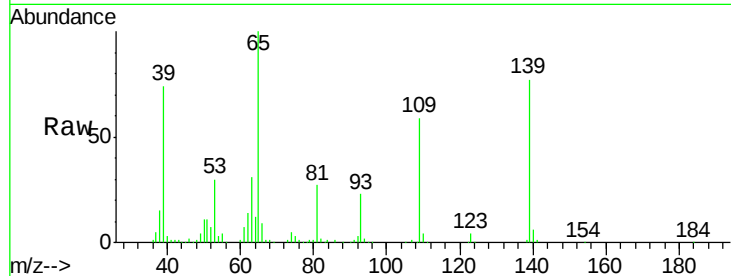
#55  
4-Nitrophenol  
Concen: 35.66 ng  
RT: 10.00 min Scan# 675  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   |       |       |       |
| 109     | 75.8  | 54.9  | 94.9  |       |
| 65      | 129.5 | 102.2 | 142.2 |       |

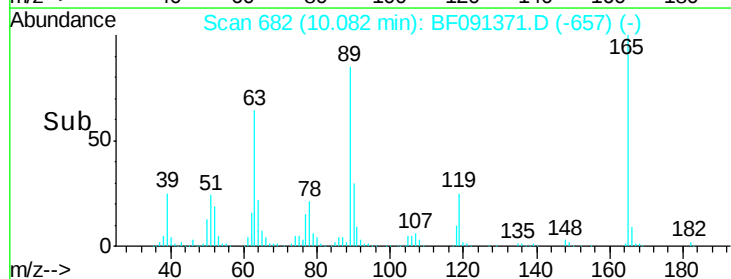
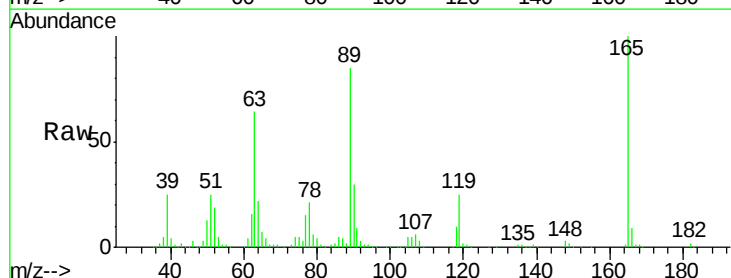
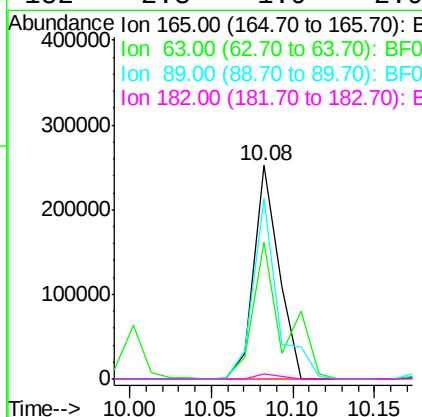
Manual Integrations  
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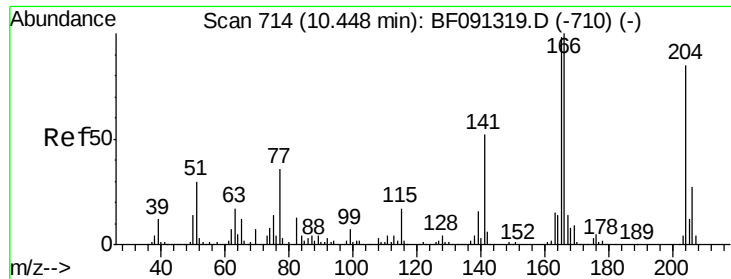
sohil  
12/2/2016 4:20:44 PM



#56  
2,4-Dinitrotoluene  
Concen: 40.60 ng  
RT: 10.08 min Scan# 682  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 64.2  | 29.0 | 43.4# |       |
| 89      | 84.8  | 43.1 | 64.7# |       |
| 182     | 2.3   | 1.9  | 2.9   |       |





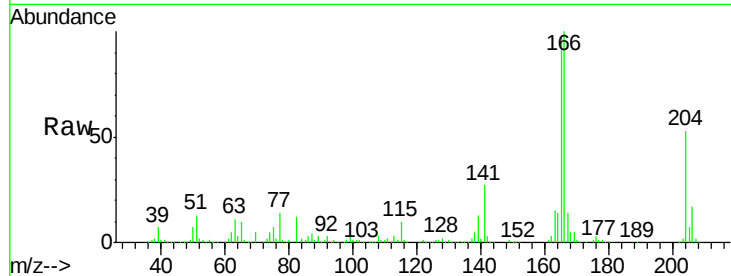
#57  
**Fluorene**  
 Concen: 37.92 ng  
 RT: 10.45 min Scan# 714  
 Delta R.T. -0.02 min  
 Lab File: BF091371.D  
 Acq: 1 Dec 2016 12:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

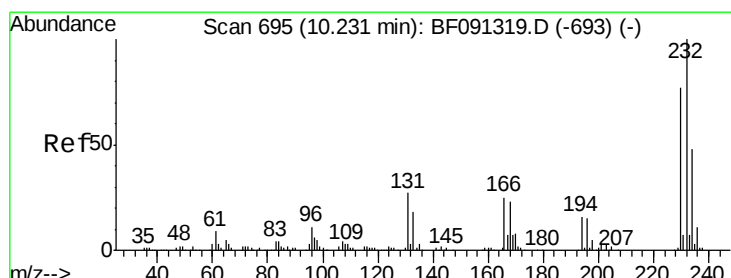
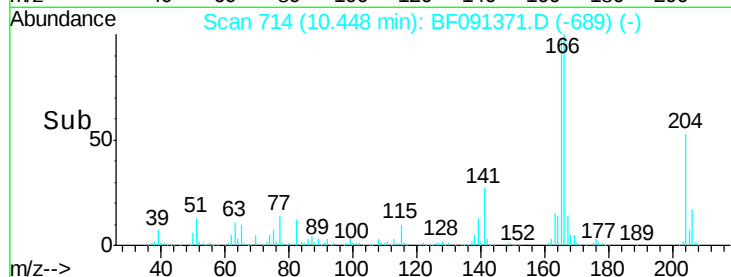
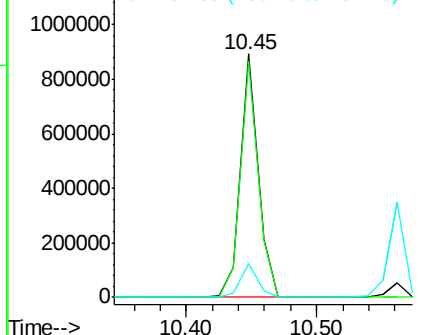
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 97.1  | 80.0 | 120.0 |       |
| 167     | 14.0  | 10.8 | 16.2  |       |

Manual Integrations  
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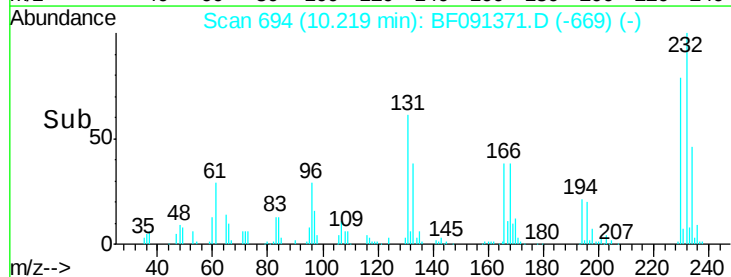
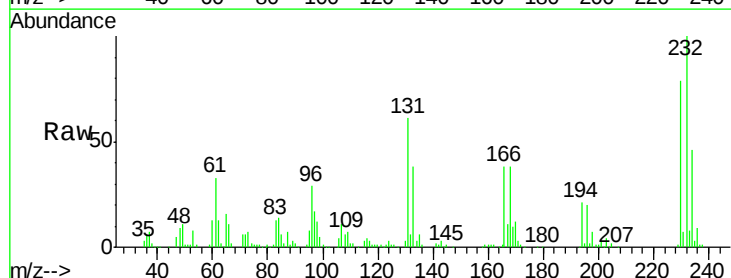
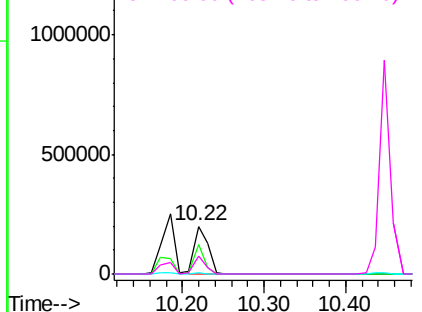
Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

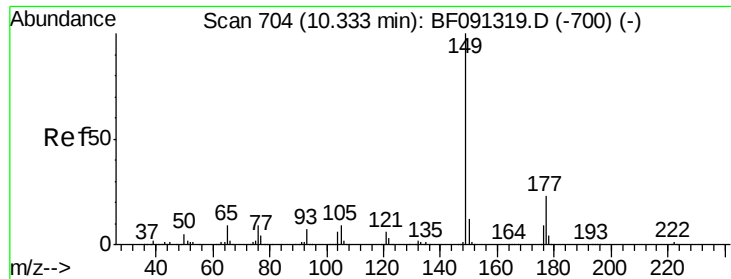


#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 38.80 ng  
 RT: 10.22 min Scan# 694  
 Delta R.T. -0.02 min  
 Lab File: BF091371.D  
 Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 232     | 100   |      |       |       |
| 131     | 46.9  | 38.4 | 57.6  |       |
| 130     | 2.2   | 1.8  | 2.8   |       |
| 166     | 32.1  | 23.9 | 35.9  |       |

Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E





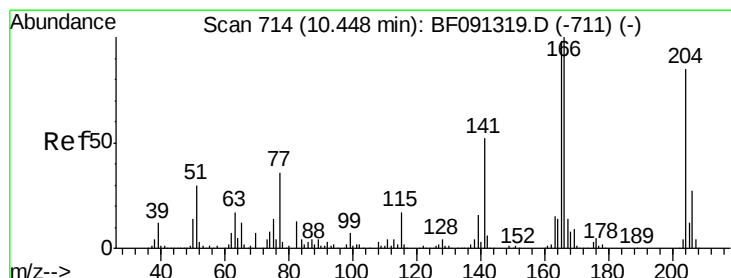
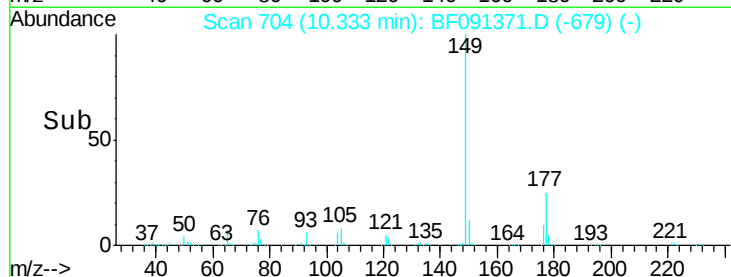
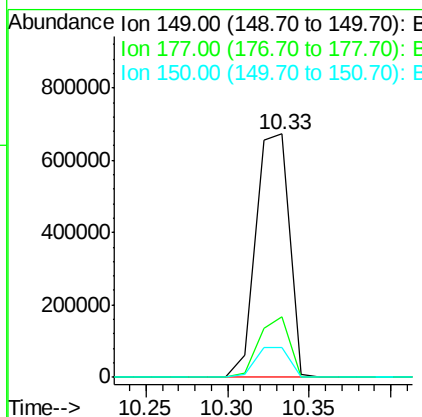
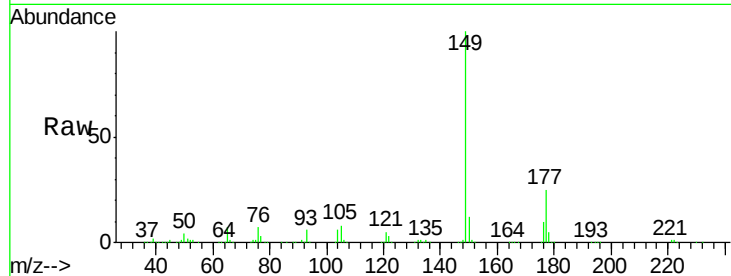
#59  
Diethylphthalate  
Concen: 42.31 ng  
RT: 10.33 min Scan# 704  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.9  | 15.7  | 23.5# |
| 150     | 12.3  | 10.2  | 15.2  |

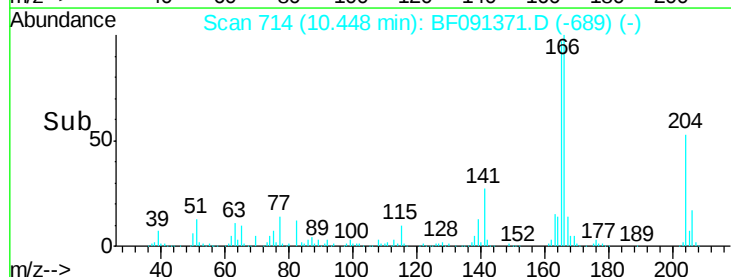
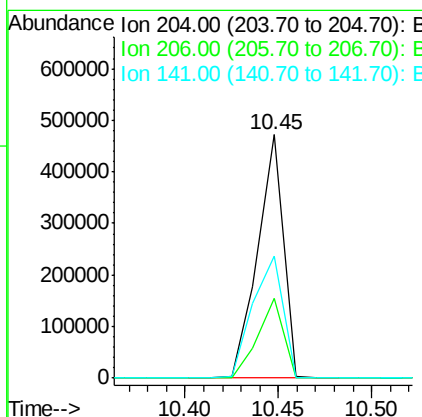
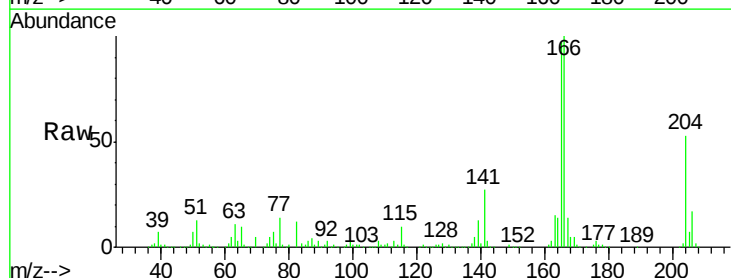
Manual Integrations  
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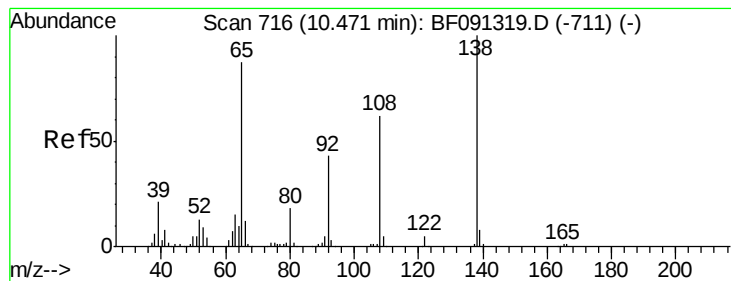
sohil  
12/2/2016 4:20:44 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 40.48 ng  
RT: 10.45 min Scan# 714  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.7  | 26.1  | 39.1  |
| 141     | 50.2  | 40.6  | 61.0  |





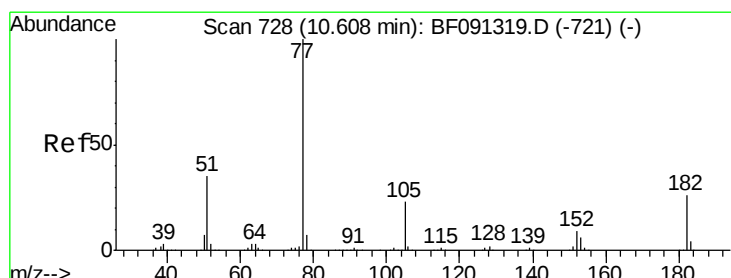
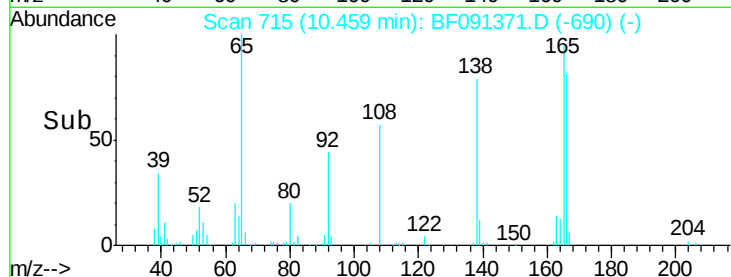
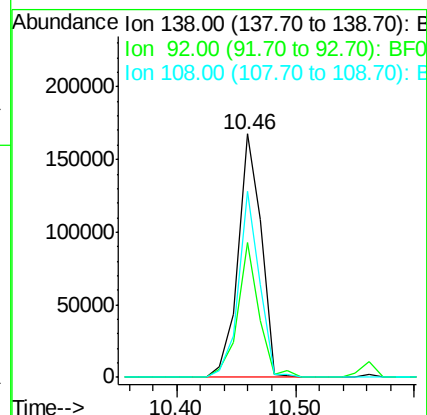
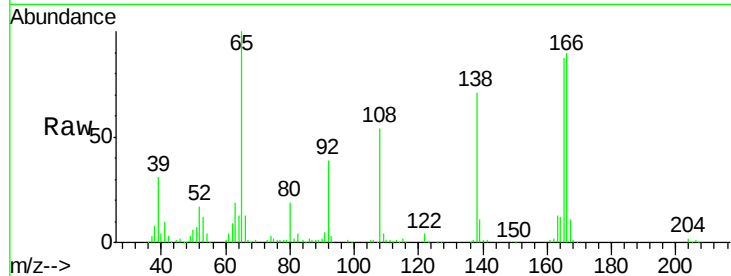
#61  
4-Nitroaniline  
Concen: 40.77 ng  
RT: 10.46 min Scan# 715  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 55.6  | 26.9  | 66.9  |
| 108     | 76.4  | 49.1  | 89.1  |

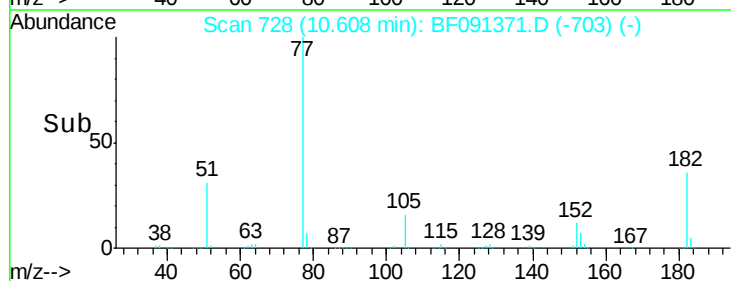
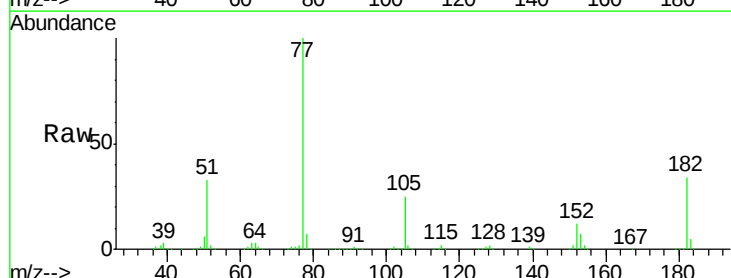
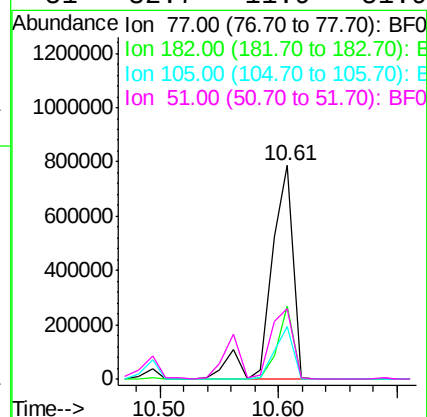
Manual Integrations  
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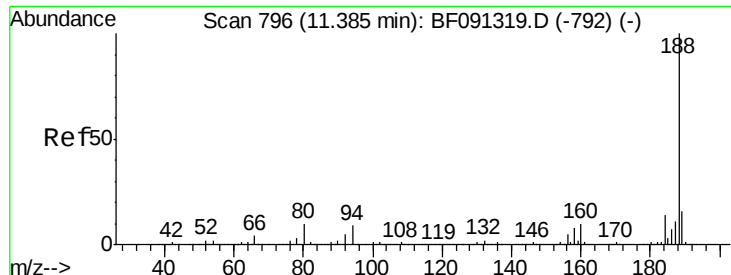
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#62  
Azobenzene  
Concen: 44.32 ng  
RT: 10.61 min Scan# 728  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 34.3  | 12.5  | 52.5  |
| 105     | 24.5  | 3.7   | 43.7  |
| 51      | 32.7  | 11.9  | 51.9  |





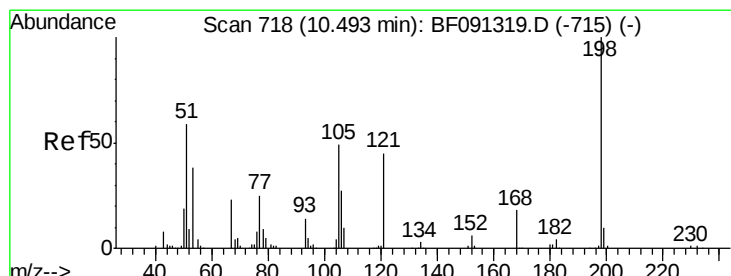
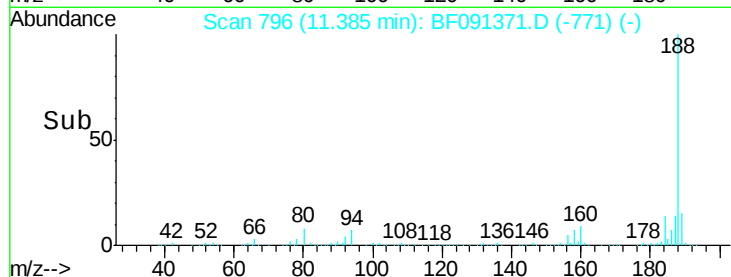
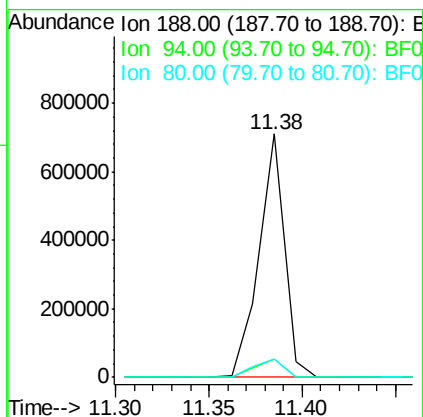
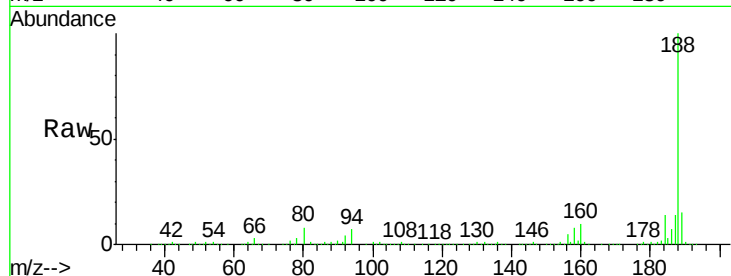
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.38 min Scan# 796  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 7.4   | 9.2        | 13.8# |
| 80      | 7.6   | 10.5       | 15.7# |

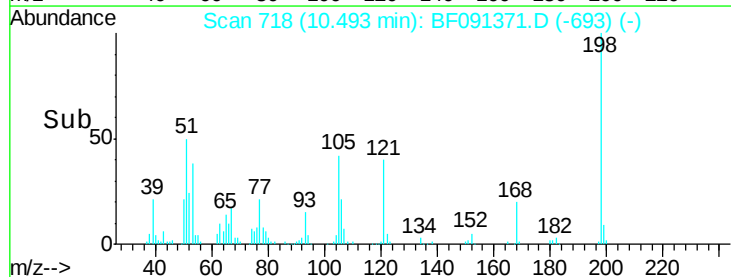
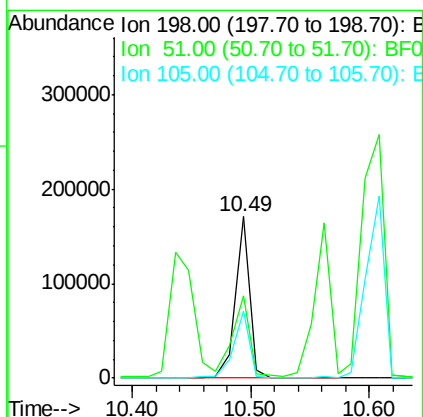
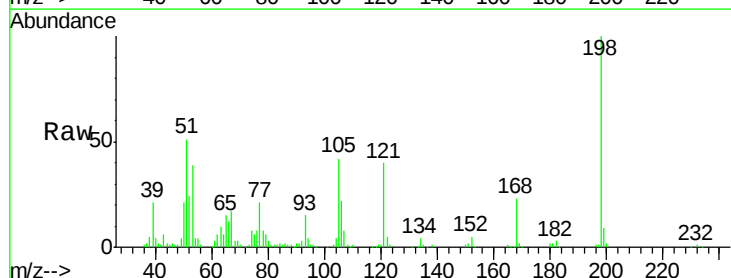
Manual Integrations  
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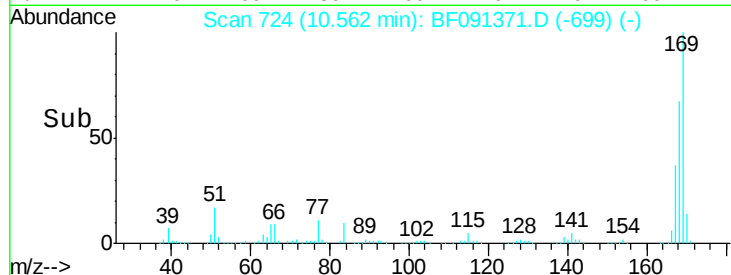
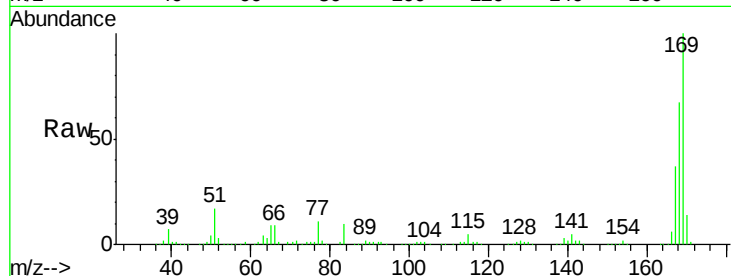
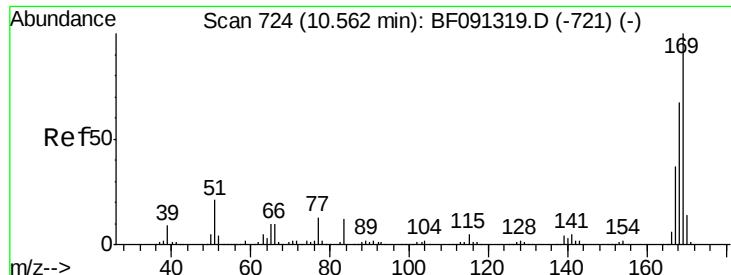
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 38.77 ng  
RT: 10.49 min Scan# 718  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Resp Lower | Upper  |
|---------|-------|------------|--------|
| 198     | 100   |            |        |
| 51      | 50.6  | 77.1       | 117.1# |
| 105     | 41.7  | 44.8       | 84.8#  |





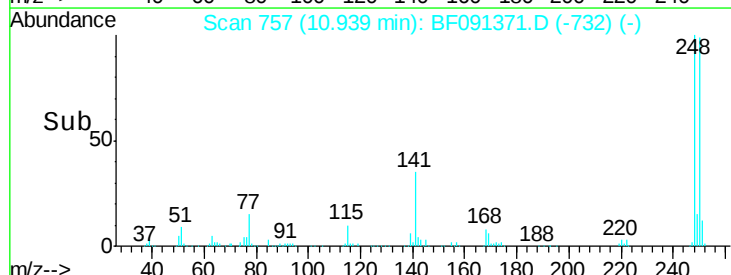
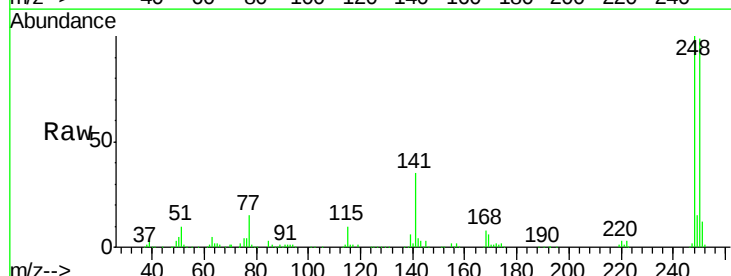
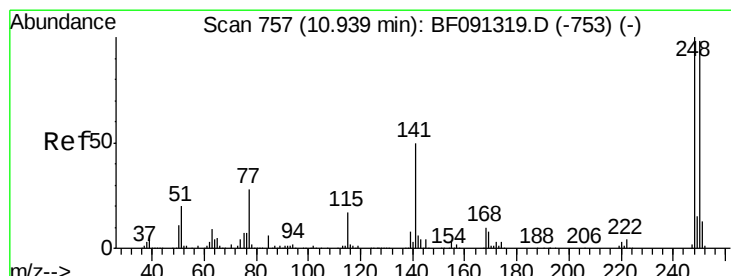
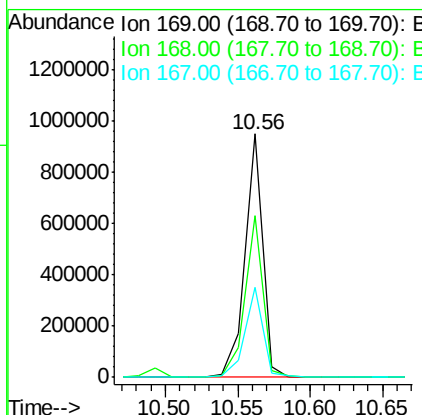
#65  
n-Nitrosodiphenylamine  
Concen: 39.78 ng  
RT: 10.56 min Scan# 724  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 807595 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 66.6  | 53.8  | 80.8   |
| 167       | 36.9  | 29.8  | 44.8   |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

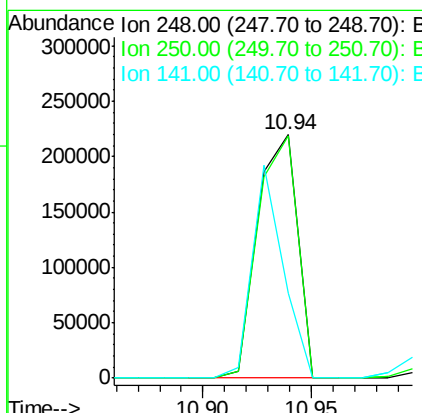
Manual Integrations  
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#66  
4-Bromophenyl-phenylether  
Concen: 39.35 ng  
RT: 10.94 min Scan# 757  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 283233 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 99.5  | 78.2  | 117.4  |
| 141       | 34.8  | 71.9  | 107.9# |





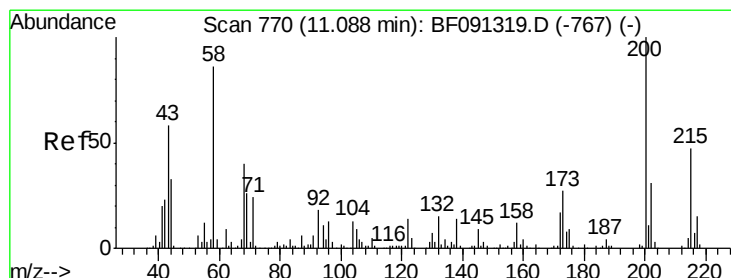
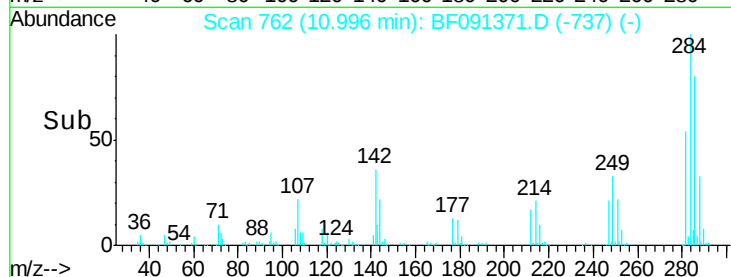
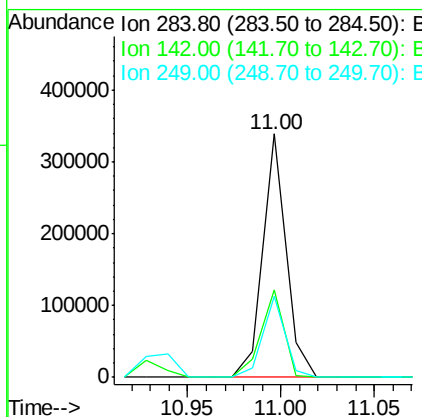
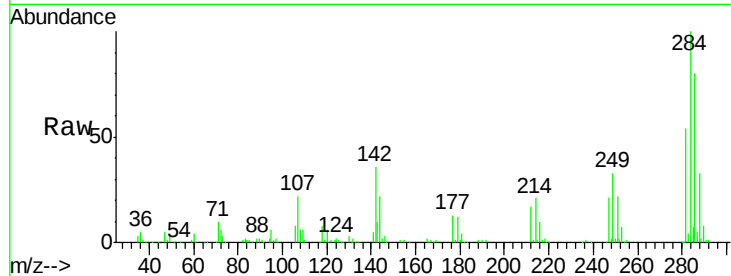
#67  
Hexachlorobenzene  
Concen: 37.39 ng  
RT: 11.00 min Scan# 762  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 290781 |       |       |
| 142     | 35.7  | 17.9   | 26.9  |       |
| 249     | 33.3  | 23.6   | 35.4  |       |

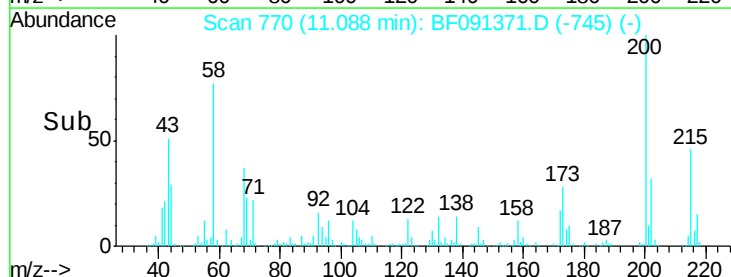
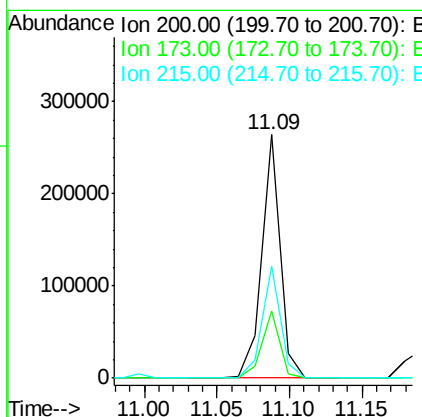
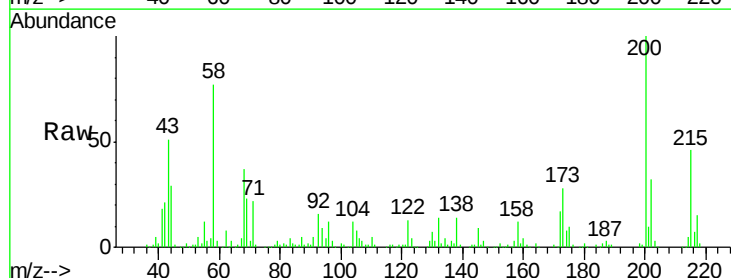
Manual Integrations  
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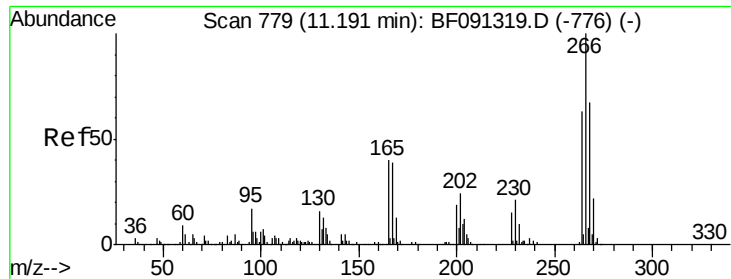
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#68  
Atrazine  
Concen: 35.38 ng  
RT: 11.09 min Scan# 770  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 232632 |       |       |
| 173     | 27.6  | 7.8    | 47.8  |       |
| 215     | 46.0  | 24.3   | 64.3  |       |





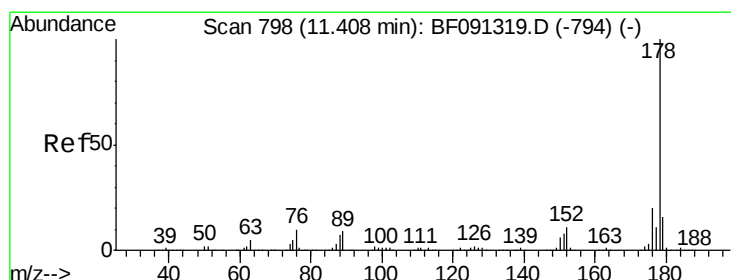
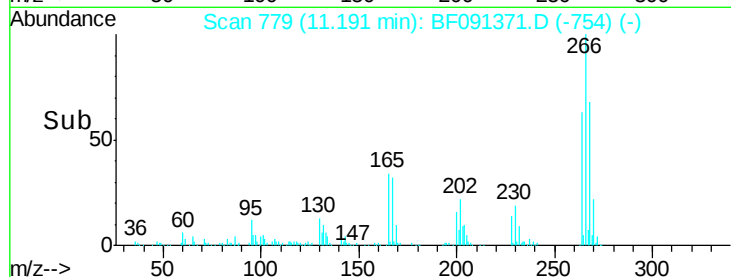
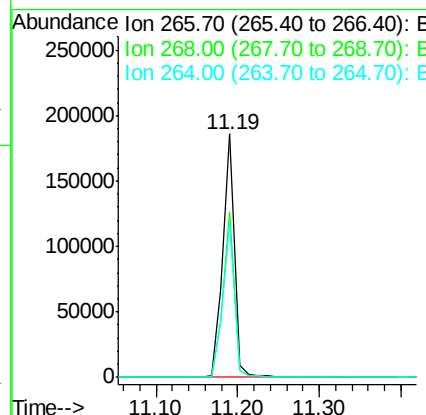
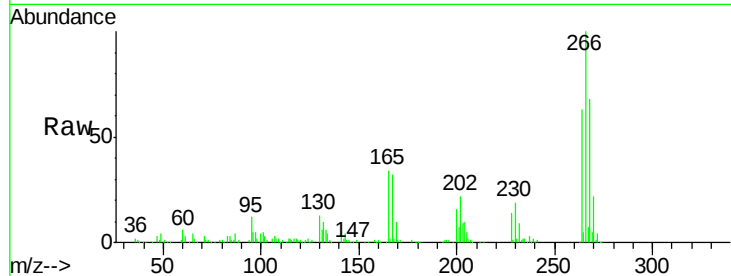
#69  
 Pentachlorophenol  
 Concen: 40.48 ng  
 RT: 11.19 min Scan# 779  
 Delta R.T. -0.02 min  
 Lab File: BF091371.D  
 Acq: 1 Dec 2016 12:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 185335 |       |       |
| 268     | 67.7  | 50.3   | 75.5  |       |
| 264     | 63.0  | 48.2   | 72.2  |       |

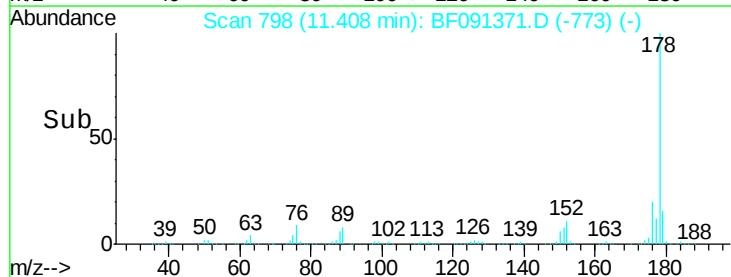
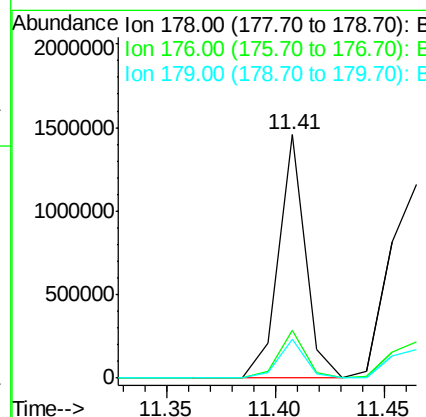
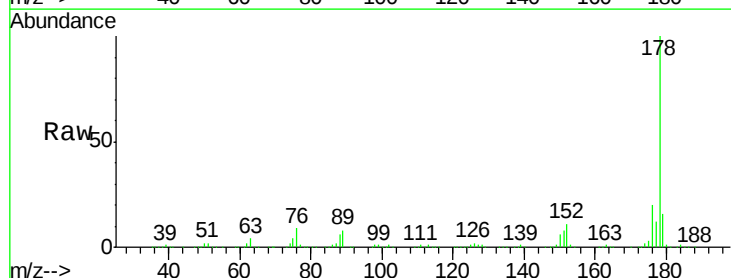
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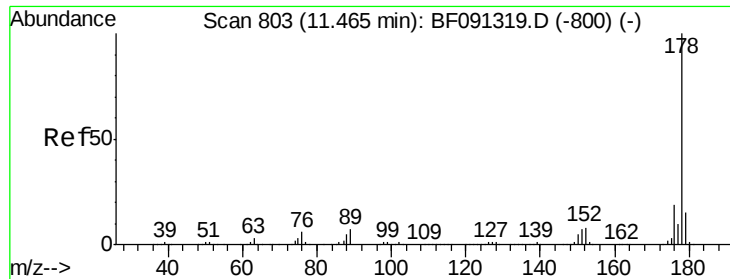
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#70  
 Phenanthrene  
 Concen: 36.43 ng  
 RT: 11.41 min Scan# 798  
 Delta R.T. -0.02 min  
 Lab File: BF091371.D  
 Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1267652 |       |       |
| 176     | 19.8  | 15.9    | 23.9  |       |
| 179     | 15.9  | 12.6    | 18.8  |       |





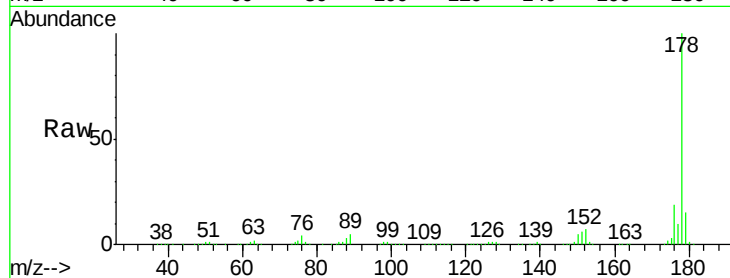
#71  
 Anthracene  
 Concen: 40.14 ng  
 RT: 11.46 min Scan# 803  
 Delta R.T. -0.02 min  
 Lab File: BF091371.D  
 Acq: 1 Dec 2016 12:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

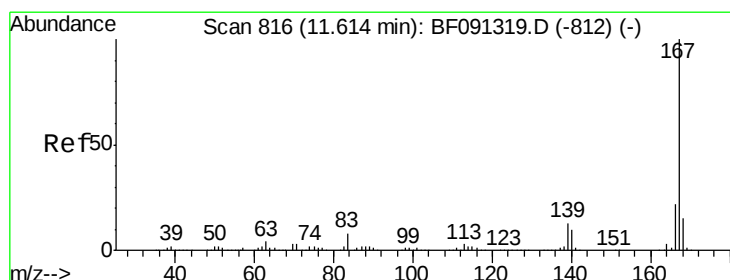
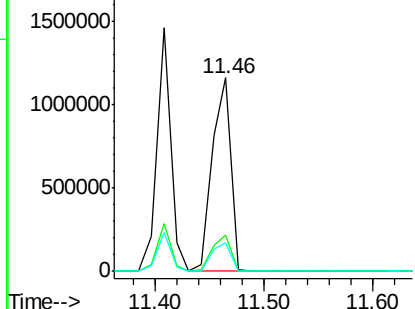
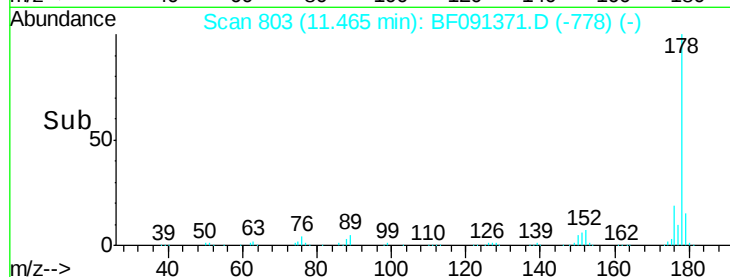
Tot Ion:178 Resp: 1386156  
 Ion Ratio Lower Upper  
 178 100  
 176 18.5 15.8 23.6  
 179 15.0 12.7 19.1

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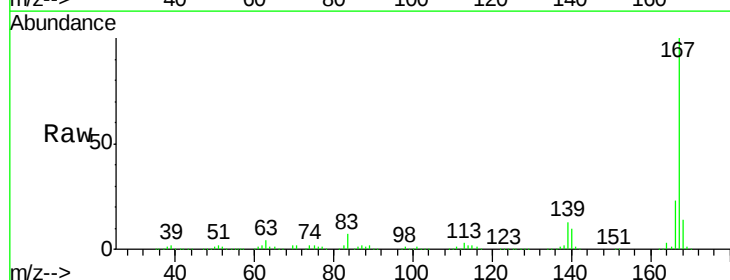


Abundance Ion 178.00 (177.70 to 178.70): E  
 2000000  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

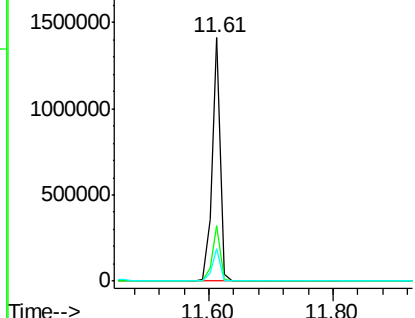
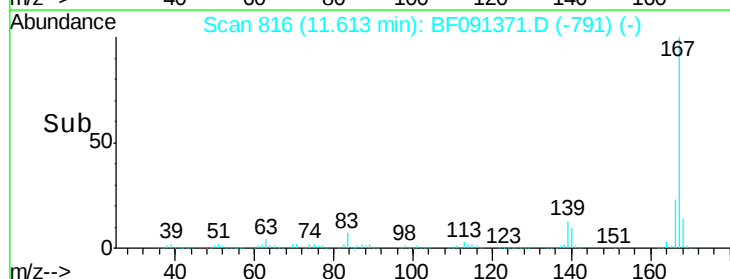


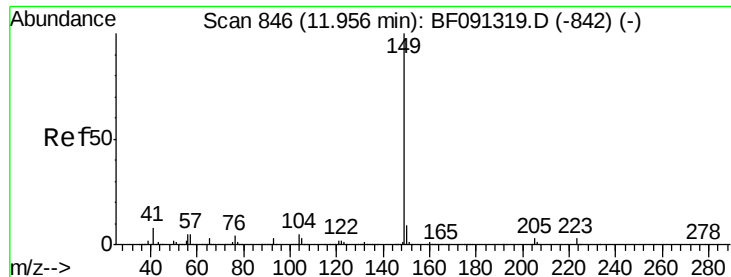
#72  
 Carbazole  
 Concen: 39.95 ng  
 RT: 11.61 min Scan# 816  
 Delta R.T. -0.02 min  
 Lab File: BF091371.D  
 Acq: 1 Dec 2016 12:15

Tgt Ion:167 Resp: 1251804  
 Ion Ratio Lower Upper  
 167 100  
 166 22.6 18.1 27.1  
 139 13.1 11.5 17.3



Abundance Ion 167.00 (166.70 to 167.70): E  
 1500000  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.87 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1487024

Ion Ratio Lower Upper

149 100

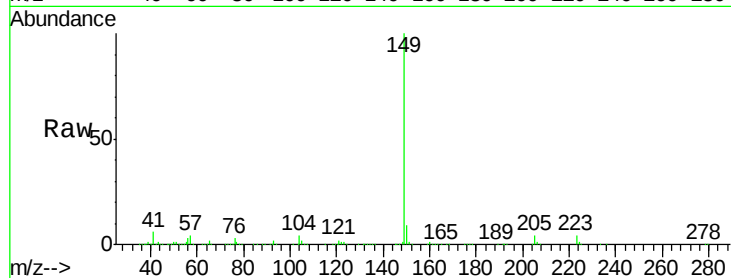
150 9.1 7.5 11.3

104 4.1 4.0 6.0

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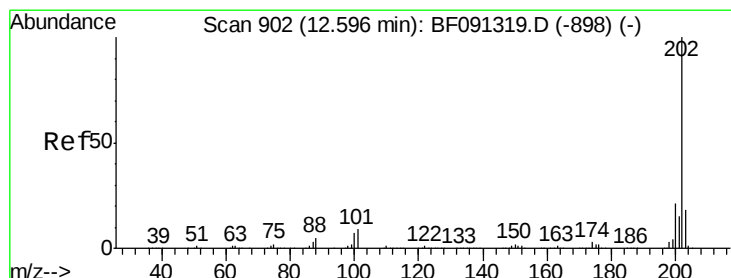
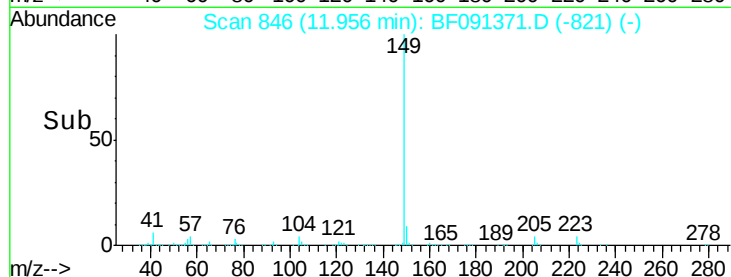
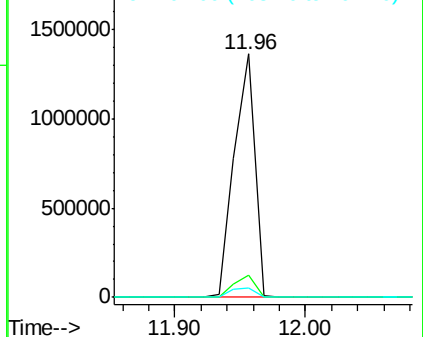
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.45 ng

RT: 12.60 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

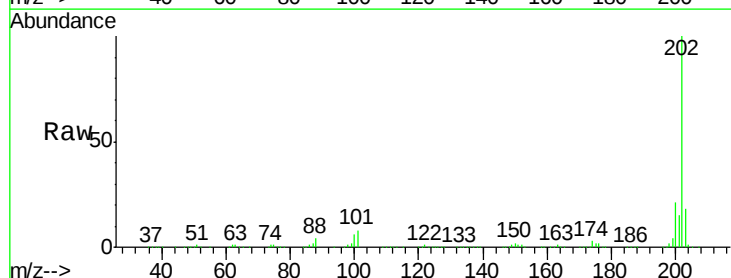
Tgt Ion:202 Resp: 1464833

Ion Ratio Lower Upper

202 100

101 7.7 0.0 29.5

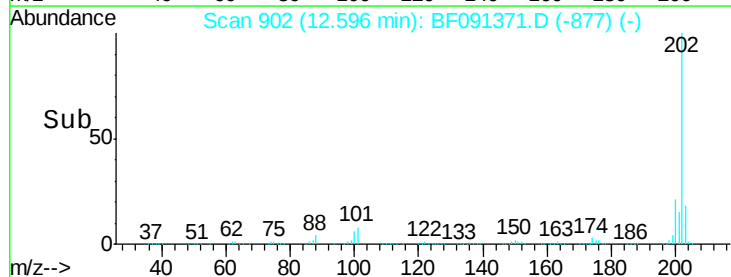
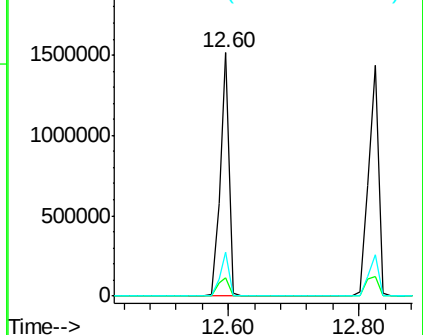
203 17.9 0.0 37.8

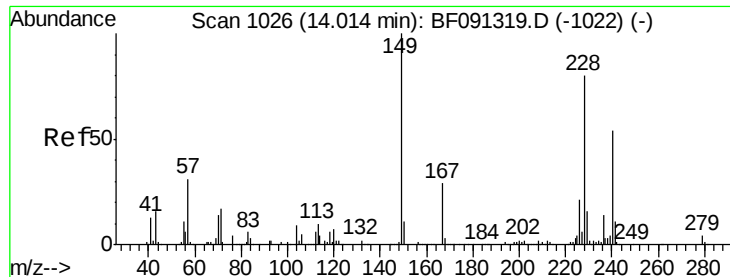


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

Instrument :

BNA\_F

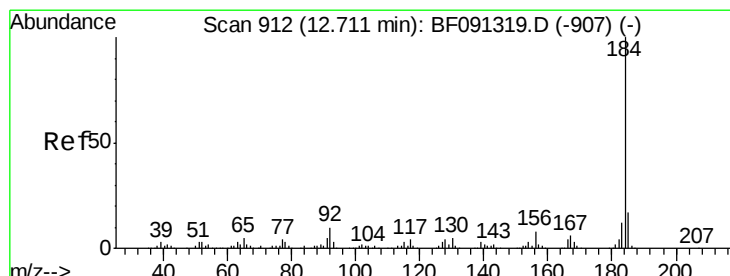
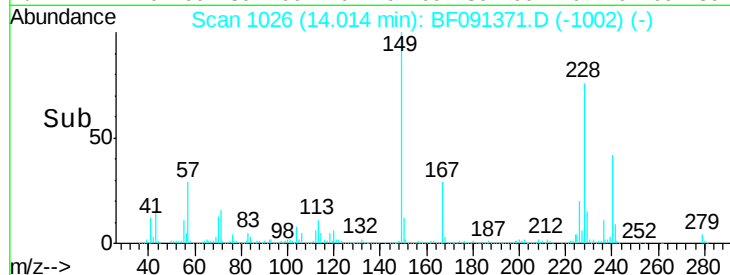
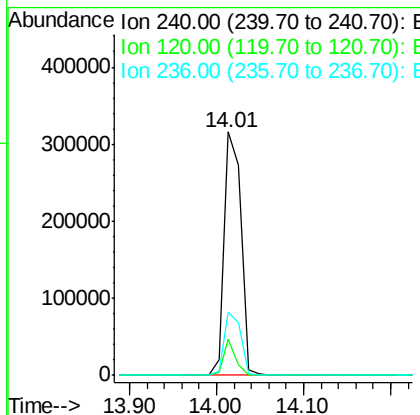
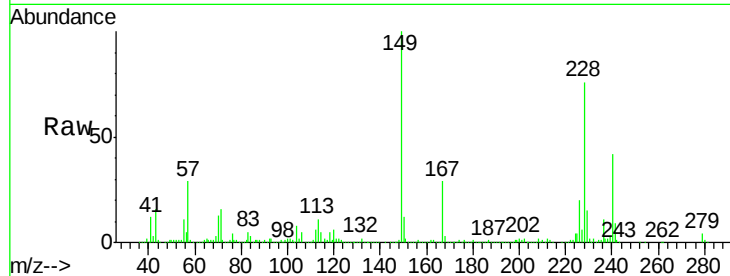
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 14.7  | 12.1  | 18.1  |
| 236     | 25.9  | 21.0  | 31.6  |

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#76

Benzidine

Concen: 43.93 ng

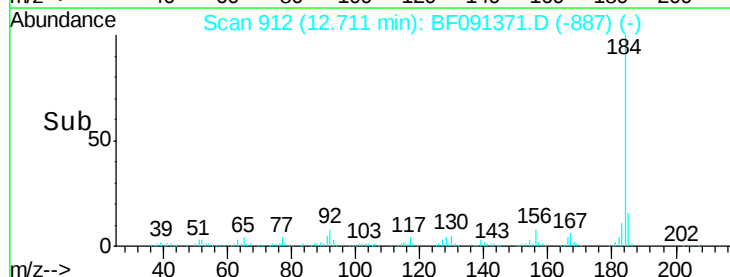
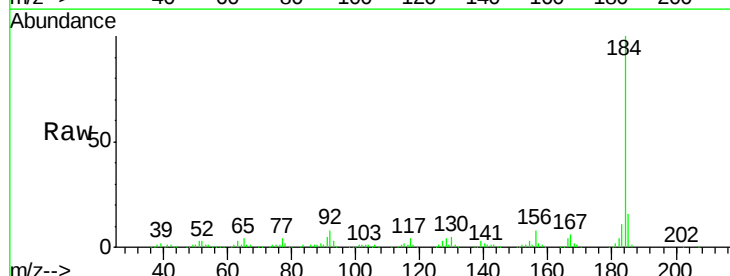
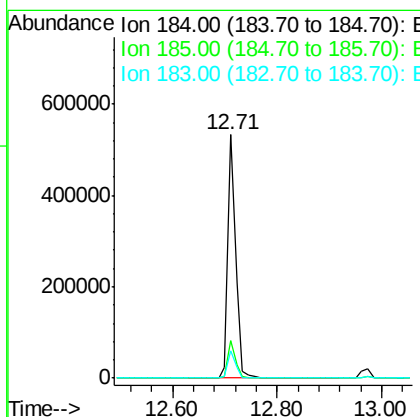
RT: 12.71 min Scan# 912

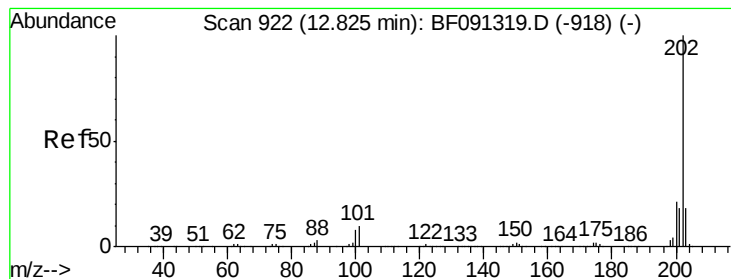
Delta R.T. -0.02 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 15.7  | 13.1  | 19.7  |
| 183     | 11.4  | 8.9   | 13.3  |





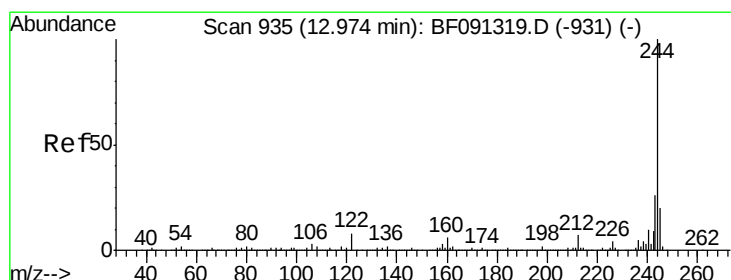
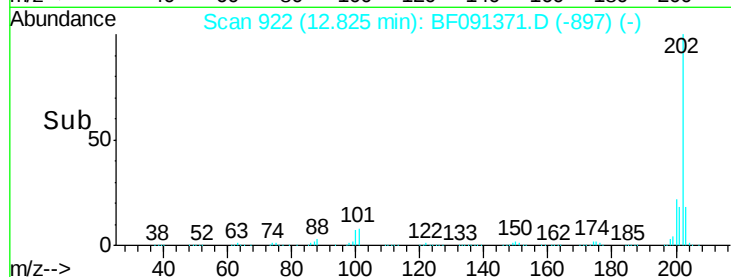
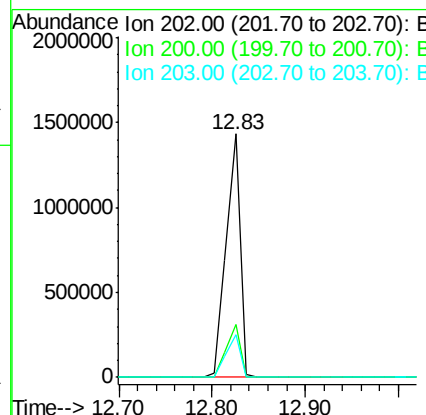
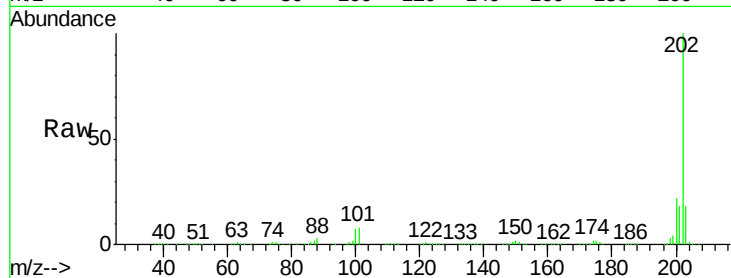
#77  
Pvrene  
Concen: 45.97 ng  
RT: 12.83 min Scan# 922  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.5  | 17.6  | 26.4  |
| 203     | 17.7  | 14.0  | 21.0  |

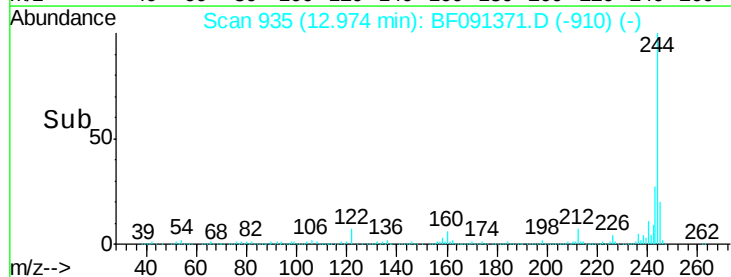
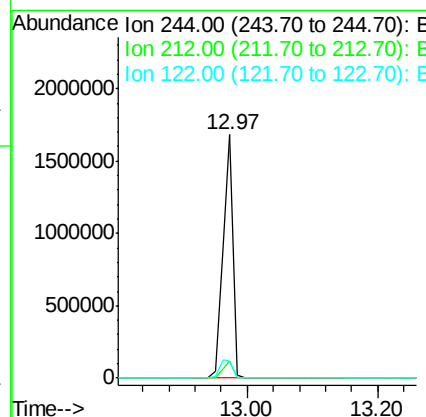
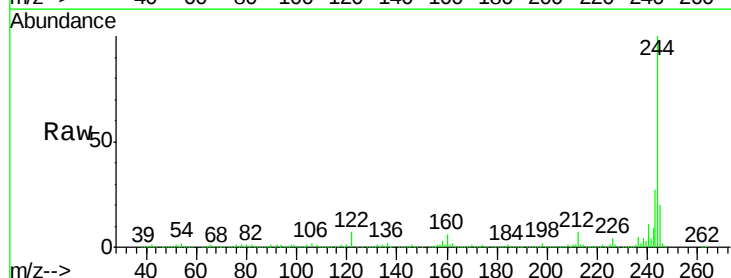
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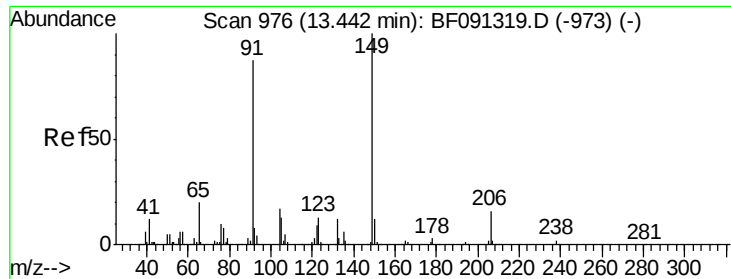
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#78  
Terphenyl-d14  
Concen: 93.46 ng  
RT: 12.97 min Scan# 935  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.1   | 6.5   | 9.7   |
| 122     | 7.1   | 9.5   | 14.3# |





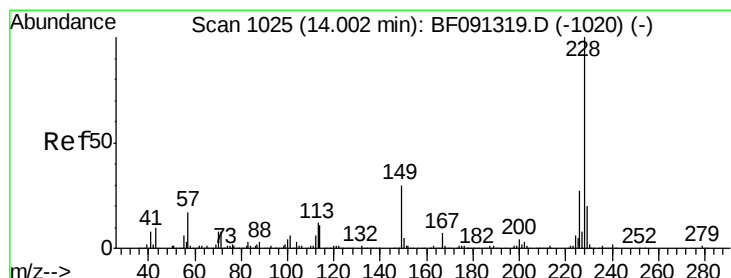
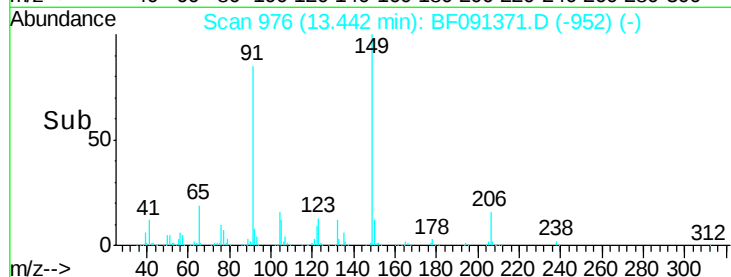
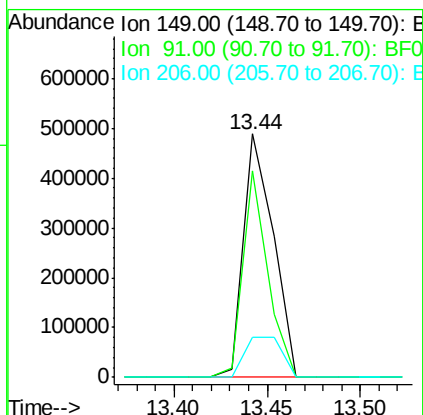
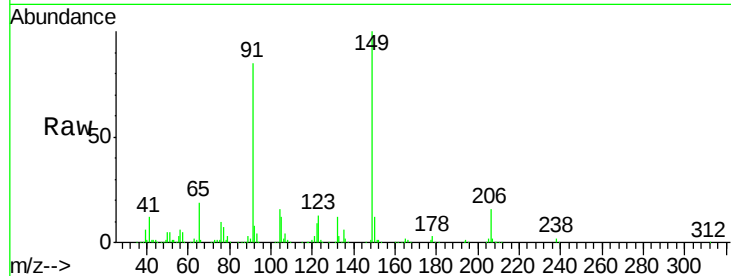
#79  
Butylbenzylphthalate  
Concen: 44.69 ng  
RT: 13.44 min Scan# 976  
Delta R.T. -0.03 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 85.0  | 57.4  | 86.2  |
| 206     | 16.3  | 15.4  | 23.2  |

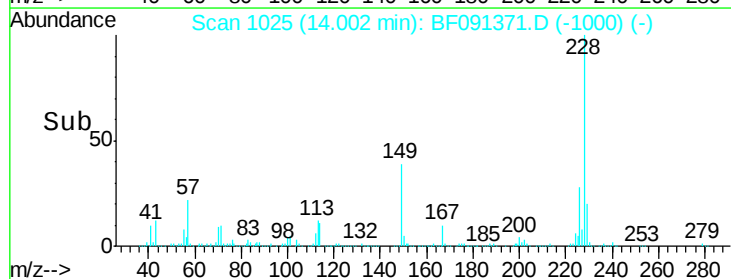
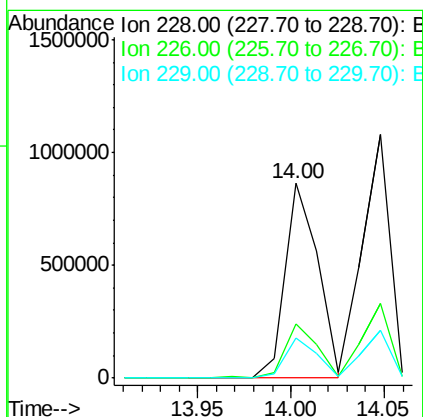
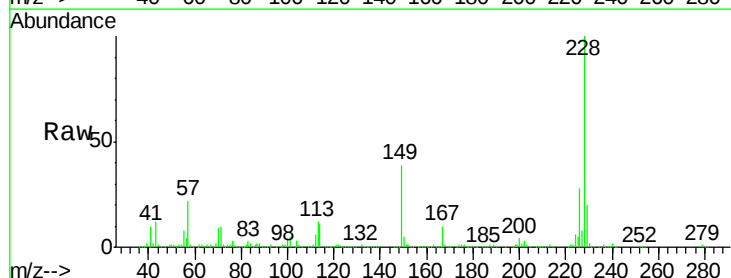
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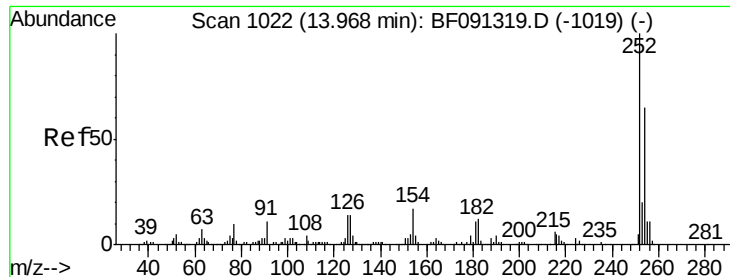
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#80  
Benzo(a)anthracene  
Concen: 42.27 ng  
RT: 14.00 min Scan# 1025  
Delta R.T. -0.02 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.6  | 22.5  | 33.7  |
| 229     | 20.4  | 16.4  | 24.6  |





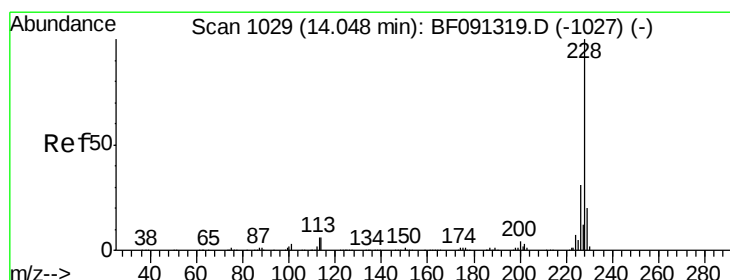
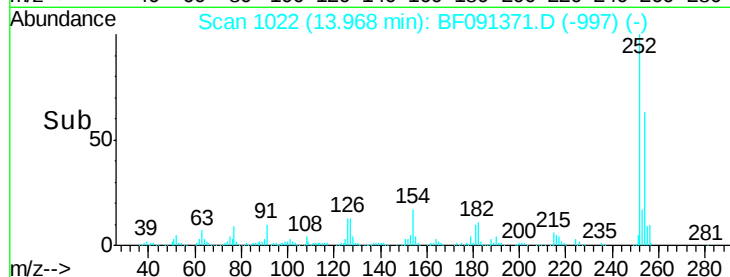
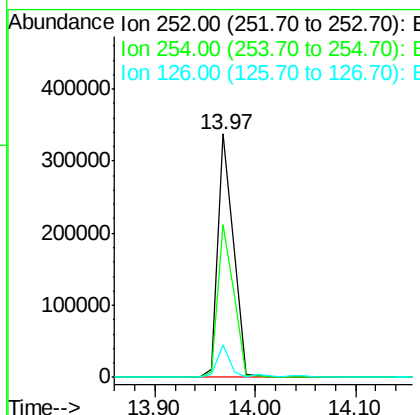
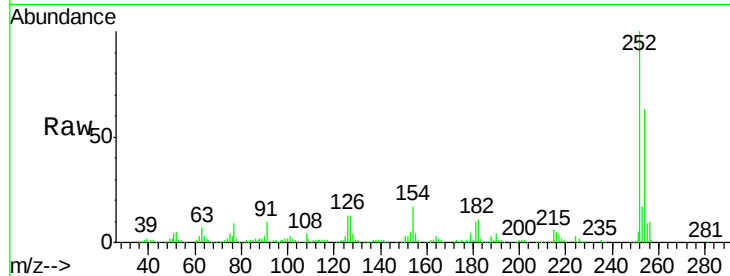
#81  
 3,3'-Dichlorobenzidine  
 Concen: 41.51 ng  
 RT: 13.97 min Scan# 1022  
 Delta R.T. -0.02 min  
 Lab File: BF091371.D  
 Acq: 1 Dec 2016 12:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 63.0  | 52.1       | 78.1  |
| 126     | 13.3  | 7.5        | 11.3  |

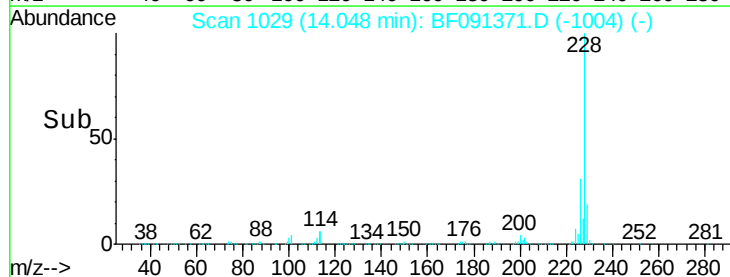
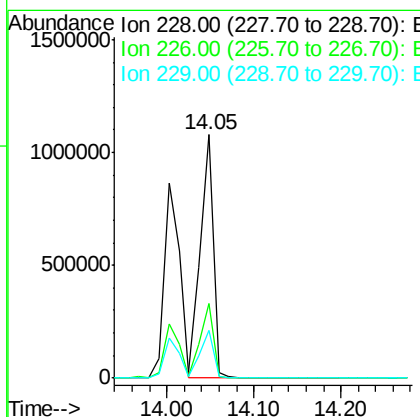
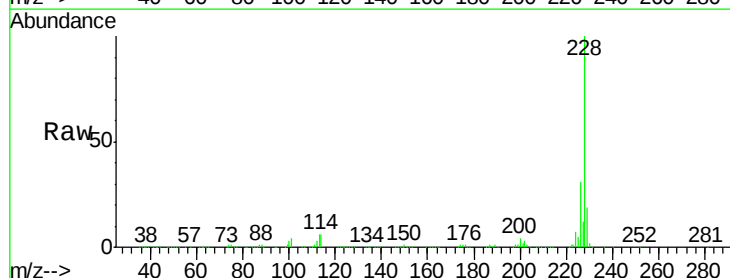
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#82  
 Chrysene  
 Concen: 44.78 ng  
 RT: 14.05 min Scan# 1029  
 Delta R.T. -0.02 min  
 Lab File: BF091371.D  
 Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 30.7  | 25.0       | 37.4  |
| 229     | 19.4  | 16.0       | 24.0  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.51 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

Instrument :

BNA\_F

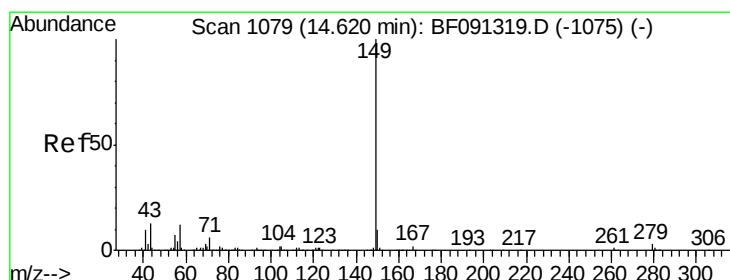
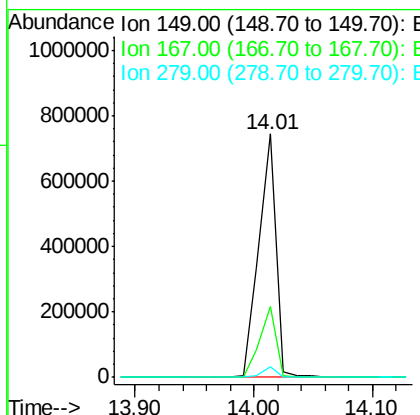
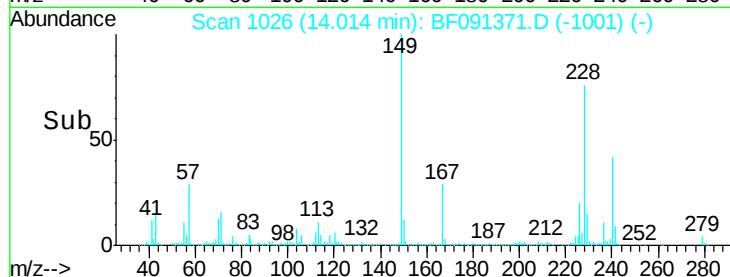
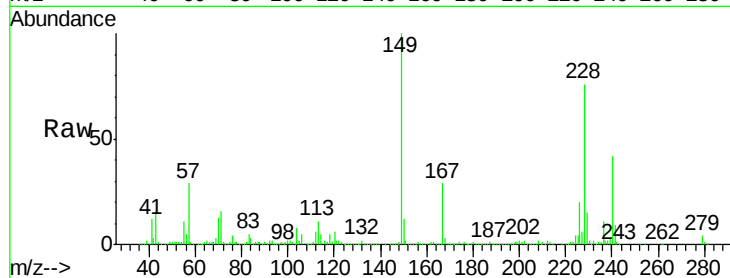
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 760562 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 28.8  | 19.6  | 29.4   |
| 279       | 4.3   | 1.9   | 2.9#   |

Manual Integrations  
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#84

Di-n-octyl phthalate

Concen: 50.71 ng

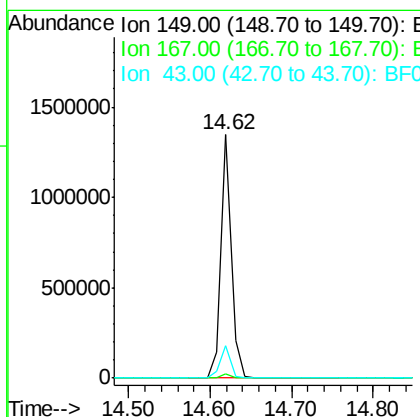
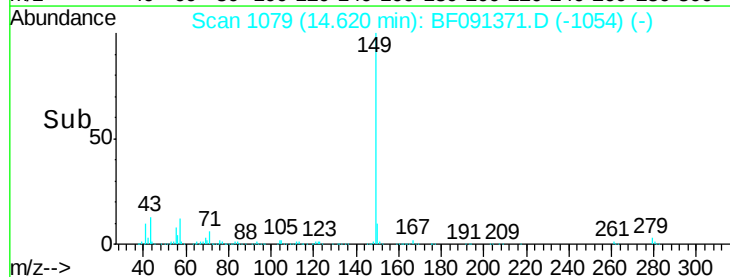
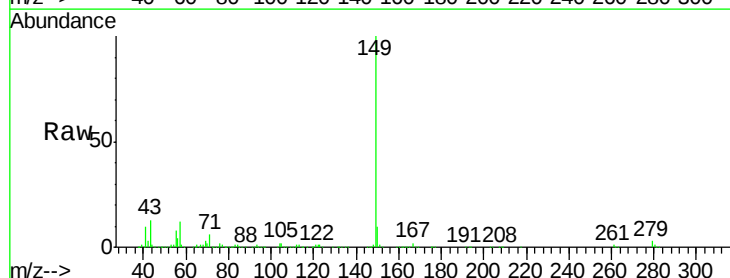
RT: 14.62 min Scan# 1079

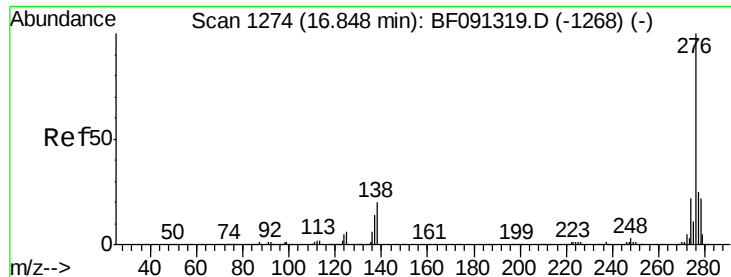
Delta R.T. -0.02 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1178679 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 167       | 1.5   | 1.3   | 1.9     |
| 43        | 13.6  | 11.9  | 17.9    |





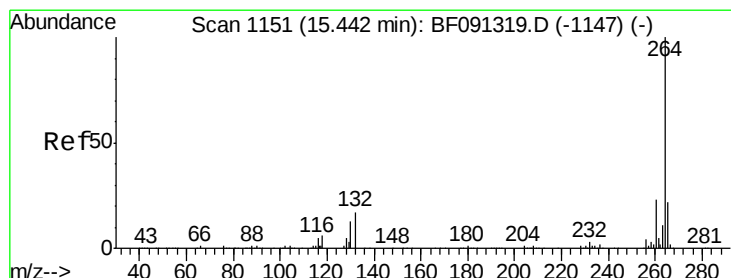
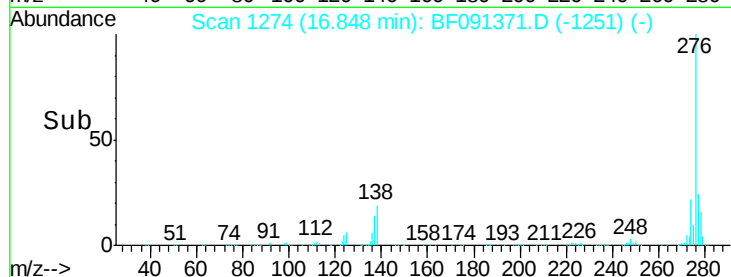
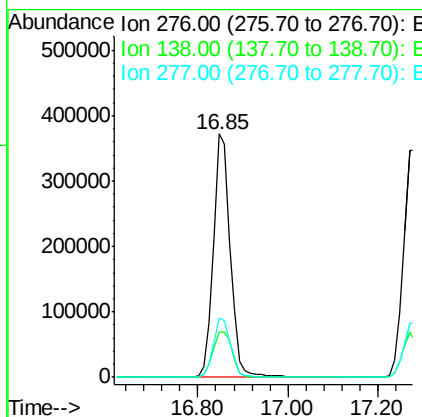
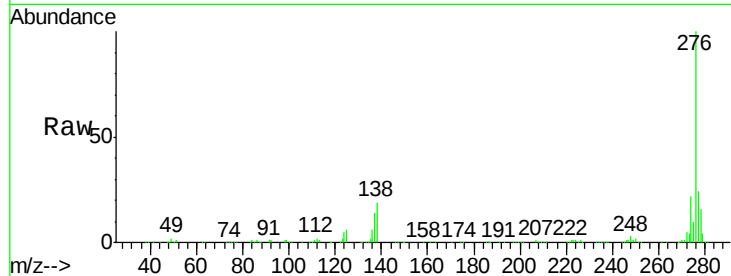
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 43.14 ng  
RT: 16.85 min Scan# 1274  
Delta R.T. -0.04 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 21.4  | 21.0  | 31.4  |
| 277     | 25.1  | 20.2  | 30.2  |

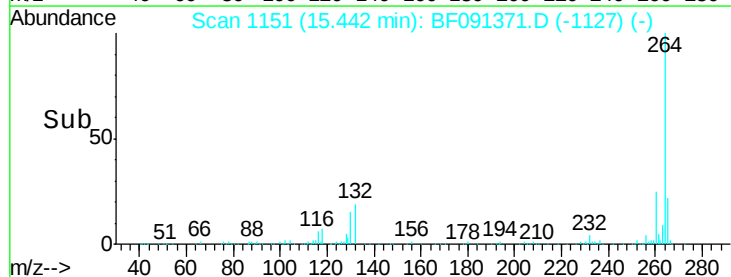
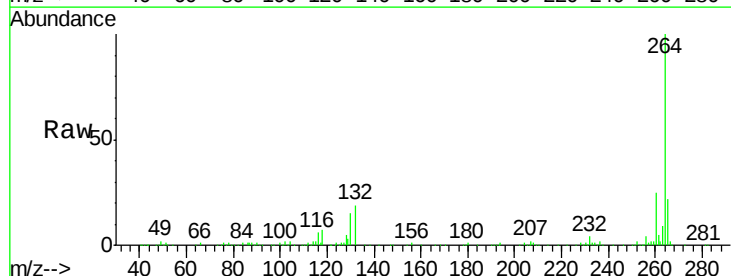
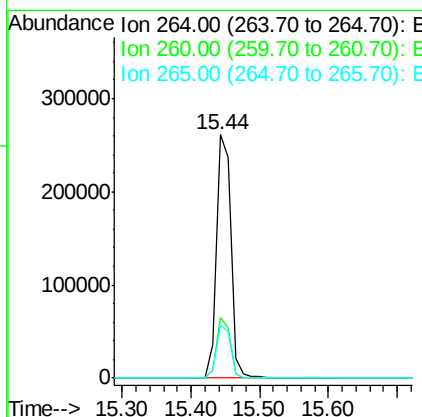
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.44 min Scan# 1151  
Delta R.T. -0.03 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.8  | 18.8  | 28.2  |
| 265     | 21.6  | 17.0  | 25.6  |





#87

Benzo(b)fluoranthene

Concen: 43.24 ng

RT: 15.04 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

Instrument :

BNA\_F

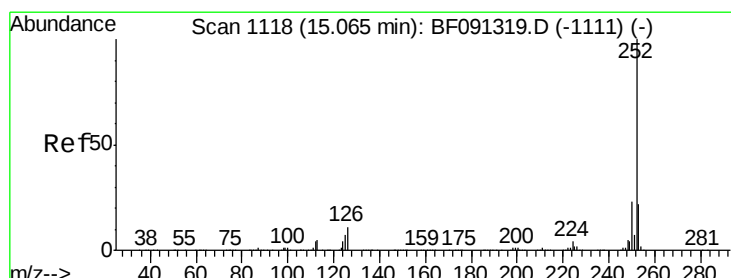
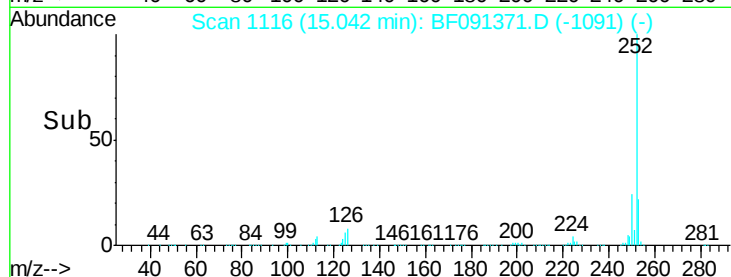
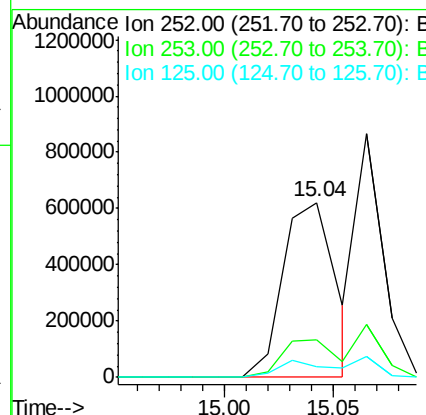
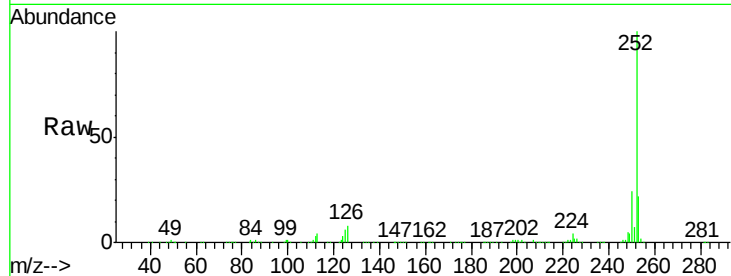
ClientSampleId :

SSTDCCC040

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 252   | Resp: | 1048442 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 21.8  | 18.2  | 27.2    |
| 125       | 5.9   | 8.6   | 13.0#   |

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#88

Benzo(k)fluoranthene

Concen: 37.48 ng m

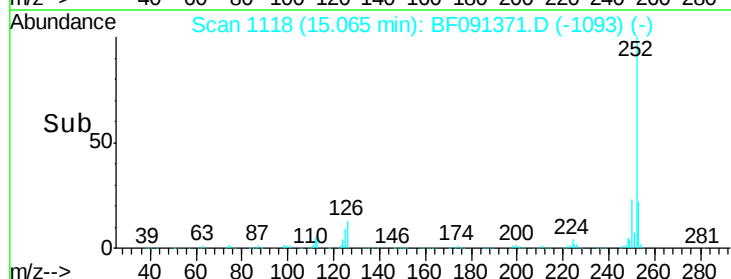
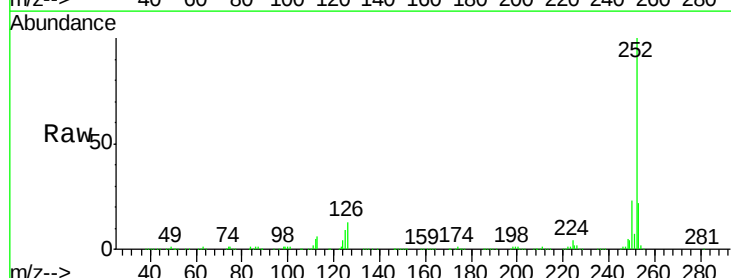
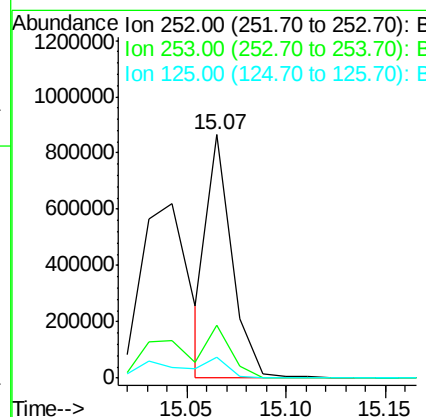
RT: 15.07 min Scan# 1118

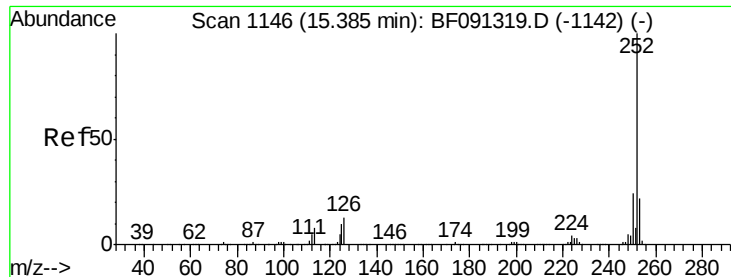
Delta R.T. -0.02 min

Lab File: BF091371.D

Acq: 1 Dec 2016 12:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 764178 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.0  | 17.8  | 26.8   |
| 125       | 8.8   | 9.6   | 14.4#  |





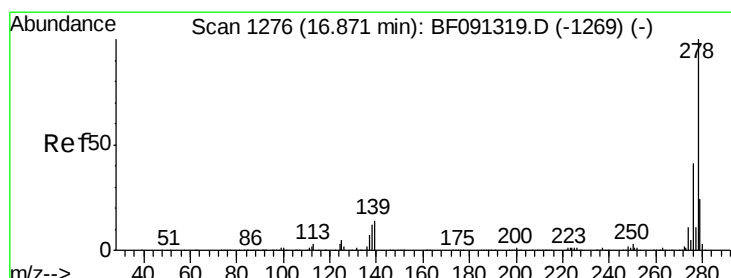
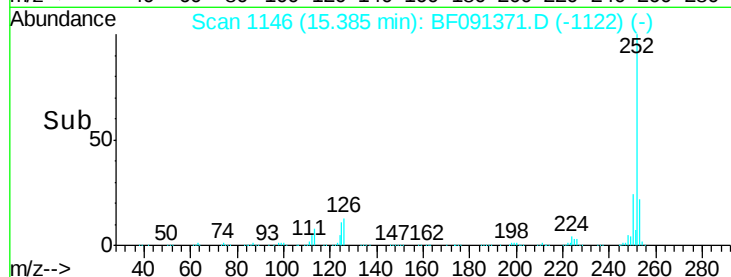
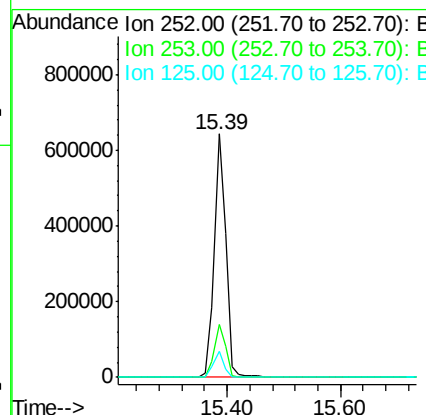
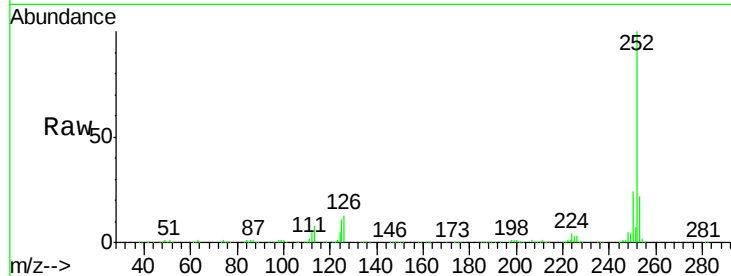
#89  
Benzo(a)pyrene  
Concen: 40.19 ng  
RT: 15.39 min Scan# 1146  
Delta R.T. -0.03 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 18.2  | 27.4  |
| 125     | 10.6  | 10.4  | 15.6  |

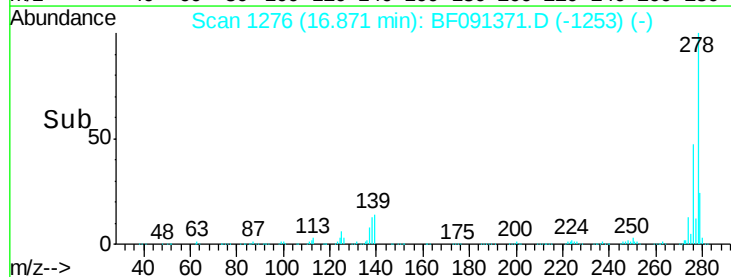
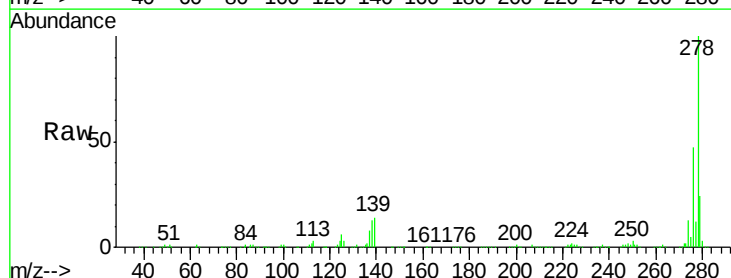
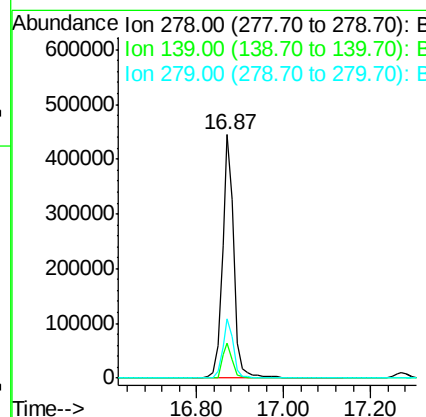
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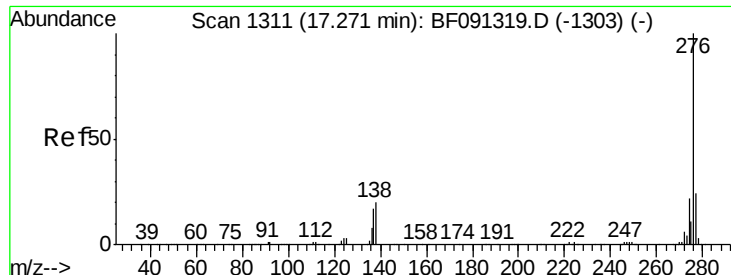
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#90  
Dibenzo(a,h)anthracene  
Concen: 41.33 ng  
RT: 16.87 min Scan# 1276  
Delta R.T. -0.04 min  
Lab File: BF091371.D  
Acq: 1 Dec 2016 12:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.2  | 15.1  | 22.7# |
| 279     | 24.1  | 19.0  | 28.6  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 40.00 ng  
 RT: 17.28 min Scan# 1312  
 Delta R.T. -0.03 min  
 Lab File: BF091371.D  
 Acq: 1 Dec 2016 12:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 830603 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.2  | 19.0  | 28.4   |
| 138       | 15.8  | 15.4  | 23.0   |

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