

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF072216\  
 Data File : BF089199.D  
 Acq On : 22 Jul 2016 17:06  
 Operator : UM/SJ  
 Sample : PB92344BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92344BS

Manual Integrations  
 APPROVED

sohil  
 7/25/2016 6:41:25 PM

Quant Time: Jul 25 10:56:23 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF072016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 20 19:03:15 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.58  | 152  | 47112    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 7.87  | 136  | 192716   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.61  | 164  | 93023    | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 11.08 | 188  | 187862   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 13.71 | 240  | 134420   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.05 | 264  | 103308   | 20.00 | ng    | -0.02    |

|                             |       |     |        |        |    |       |
|-----------------------------|-------|-----|--------|--------|----|-------|
| System Monitoring Compounds |       |     |        |        |    |       |
| 5) 2-Fluorophenol           | 5.18  | 112 | 391797 | 126.48 | ng | -0.01 |
| 7) Phenol-d6                | 6.25  | 99  | 503783 | 126.11 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 7.15  | 82  | 317002 | 87.40  | ng | -0.02 |
| 41) 2,4,6-Tribromophenol    | 10.41 | 330 | 115130 | 137.47 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 8.95  | 172 | 582075 | 86.21  | ng | -0.02 |
| 78) Terphenyl-d14           | 12.67 | 244 | 571695 | 92.25  | ng | -0.01 |

|                                |      |     |         |       |    |        |
|--------------------------------|------|-----|---------|-------|----|--------|
| Target Compounds               |      |     |         |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.09 | 88  | 42871   | 31.87 | ng | # 87   |
| 3) Pyridine                    | 2.71 | 79  | 108074  | 31.63 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 2.67 | 42  | 50012   | 34.77 | ng | 97     |
| 6) Aniline                     | 6.25 | 93  | 134853  | 24.99 | ng | # 64   |
| 8) 2-Chlorophenol              | 6.38 | 128 | 143662  | 41.79 | ng | 100    |
| 9) Benzaldehyde                | 6.12 | 77  | 32671   | 13.09 | ng | 96     |
| 10) Phenol                     | 6.26 | 94  | 193132  | 41.96 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 6.33 | 93  | 150437  | 43.52 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 6.52 | 146 | 136675  | 36.01 | ng | # 90   |
| 13) 1,4-Dichlorobenzene        | 6.60 | 146 | 147196  | 38.50 | ng | 92     |
| 14) 1,2-Dichlorobenzene        | 6.75 | 146 | 149397  | 41.45 | ng | 99     |
| 15) Benzyl Alcohol             | 6.74 | 79  | 126846  | 43.36 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.88 | 45  | 159369  | 40.47 | ng | # 56   |
| 17) 2-Methylphenol             | 6.87 | 107 | 114668  | 42.35 | ng | 97     |
| 18) Hexachloroethane           | 7.08 | 117 | 56610   | 39.40 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.02 | 70  | 108498  | 41.53 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.03 | 107 | 152957  | 41.61 | ng | 94     |
| 22) Acetophenone               | 7.00 | 105 | 213280  | 41.44 | ng | # 99   |
| 24) Nitrobenzene               | 7.18 | 77  | 159351  | 41.66 | ng | 97     |
| 25) Isophorone                 | 7.42 | 82  | 288288  | 43.13 | ng | 99     |
| 26) 2-Nitrophenol              | 7.50 | 139 | 74857   | 41.96 | ng | # 79   |
| 27) 2,4-Dimethylphenol         | 7.54 | 122 | 118261  | 39.34 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.63 | 93  | 179861  | 43.02 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.74 | 162 | 116260  | 42.92 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.82 | 180 | 125933  | 41.99 | ng | 98     |
| 31) Naphthalene                | 7.88 | 128 | 393108m | 37.79 | ng |        |
| 32) Benzoic acid               | 7.70 | 122 | 87040   | 37.65 | ng | 86     |
| 33) 4-Chloroaniline            | 7.95 | 127 | 101994  | 23.32 | ng | 96     |
| 34) Hexachlorobutadiene        | 8.01 | 225 | 63328   | 37.94 | ng | 99     |
| 35) Caprolactam                | 8.33 | 113 | 35991m  | 42.78 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.44 | 107 | 140629  | 43.09 | ng | 96     |
| 37) 2-Methylnaphthalene        | 8.58 | 142 | 281085  | 42.37 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.75 | 216 | 119132  | 34.46 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.73 | 237 | 94158   | 81.20 | ng | 98     |

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 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92344BS

Manual Integrations  
 APPROVED

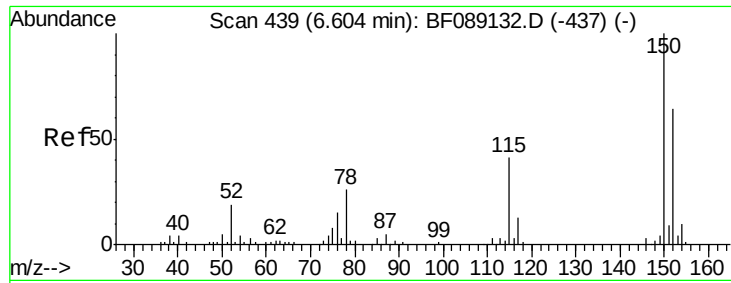
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Quant Time: Jul 25 10:56:23 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF072016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 20 19:03:15 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.87  | 196  | 79062    | 40.85 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 8.91  | 196  | 93445    | 48.11 | ng #  | 92       |
| 45) 1,1'-Biphenyl              | 9.05  | 154  | 336814   | 40.21 | ng    | 96       |
| 46) 2-Chloronaphthalene        | 9.06  | 162  | 259438   | 40.76 | ng    | 99       |
| 47) 2-Nitroaniline             | 9.18  | 65   | 91151    | 41.74 | ng #  | 79       |
| 48) Acenaphthylene             | 9.47  | 152  | 408218   | 40.79 | ng    | 99       |
| 49) Dimethylphthalate          | 9.36  | 163  | 321395   | 45.02 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.42  | 165  | 69551    | 43.16 | ng #  | 67       |
| 51) Acenaphthene               | 9.64  | 154  | 233452   | 39.43 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.59  | 138  | 53096    | 27.74 | ng    | 87       |
| 53) 2,4-Dinitrophenol          | 9.70  | 184  | 65379    | 79.59 | ng    | 90       |
| 54) Dibenzofuran               | 9.83  | 168  | 374800   | 46.85 | ng    | 93       |
| 55) 4-Nitrophenol              | 9.78  | 139  | 80436    | 69.46 | ng    | 92       |
| 56) 2,4-Dinitrotoluene         | 9.83  | 165  | 97670    | 47.05 | ng #  | 72       |
| 57) Fluorene                   | 10.16 | 166  | 281948   | 41.52 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.95  | 232  | 71162    | 51.01 | ng    | 97       |
| 59) Diethylphthalate           | 10.06 | 149  | 347762   | 49.13 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.16 | 204  | 138228   | 44.59 | ng #  | 82       |
| 61) 4-Nitroaniline             | 10.20 | 138  | 78582    | 42.20 | ng    | 96       |
| 62) Azobenzene                 | 10.32 | 77   | 382623   | 49.74 | ng    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 10.23 | 198  | 47085    | 43.05 | ng #  | 43       |
| 65) n-Nitrosodiphenylamine     | 10.28 | 169  | 279270   | 44.48 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.64 | 248  | 80869    | 43.50 | ng #  | 83       |
| 67) Hexachlorobenzene          | 10.71 | 284  | 84817    | 42.42 | ng #  | 80       |
| 68) Atrazine                   | 10.81 | 200  | 80654    | 41.08 | ng    | 98       |
| 69) Pentachlorophenol          | 10.90 | 266  | 81152    | 87.97 | ng    | 99       |
| 70) Phenanthrene               | 11.12 | 178  | 447749   | 43.45 | ng    | 99       |
| 71) Anthracene                 | 11.16 | 178  | 483602   | 45.15 | ng    | 100      |
| 72) Carbazole                  | 11.32 | 167  | 409552   | 43.53 | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.67 | 149  | 557322   | 47.89 | ng    | 99       |
| 74) Fluoranthene               | 12.30 | 202  | 475746   | 43.92 | ng    | 93       |
| 76) Benzidine                  | 12.42 | 184  | 166670   | 36.07 | ng    | 98       |
| 77) Pyrene                     | 12.51 | 202  | 444450   | 40.04 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.15 | 149  | 224570   | 47.82 | ng    | 84       |
| 80) Benzo(a)anthracene         | 13.70 | 228  | 353372m  | 41.28 | ng    |          |
| 81) 3,3'-Dichlorobenzidine     | 13.67 | 252  | 84666    | 29.81 | ng #  | 97       |
| 82) Chrysene                   | 13.74 | 228  | 347720m  | 42.52 | ng    |          |
| 83) Bis(2-ethylhexyl)phthalate | 13.71 | 149  | 296192   | 47.55 | ng    | 97       |
| 84) Di-n-octyl phthalate       | 14.32 | 149  | 446542   | 43.45 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.27 | 276  | 250622   | 42.20 | ng    | 100      |
| 87) Benzo(b)fluoranthene       | 14.70 | 252  | 294931m  | 39.42 | ng    |          |
| 88) Benzo(k)fluoranthene       | 14.72 | 252  | 274095m  | 51.23 | ng    |          |
| 89) Benzo(a)pyrene             | 15.01 | 252  | 274583   | 47.27 | ng #  | 95       |
| 90) Dibenzo(a,h)anthracene     | 16.29 | 278  | 211600   | 46.14 | ng #  | 96       |
| 91) Benzo(g,h,i)perylene       | 16.64 | 276  | 207254   | 44.82 | ng    | 99       |

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





#1

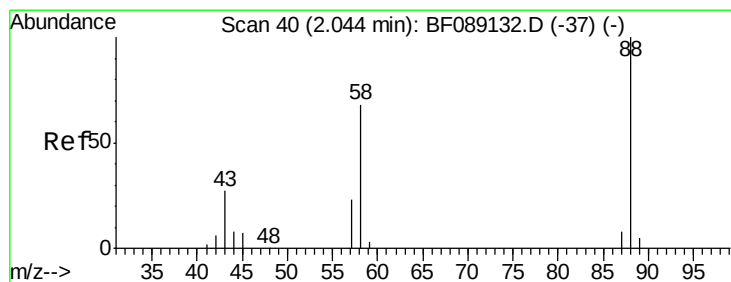
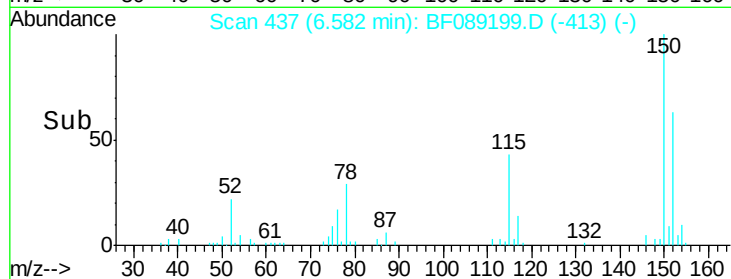
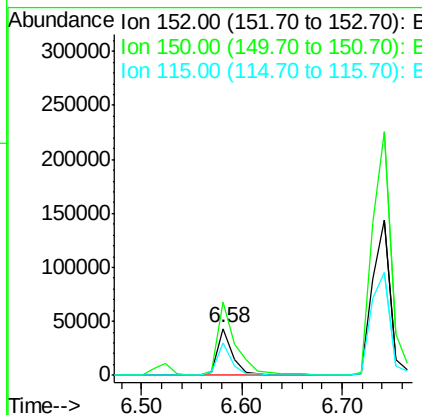
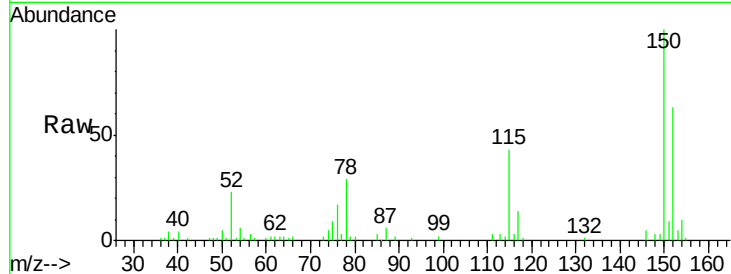
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.58 min Scan# 437  
Delta R.T. -0.02 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB92344BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.7 | 125.1 | 187.7 |
| 115     | 68.5  | 51.1  | 76.7  |

Manual Integrations  
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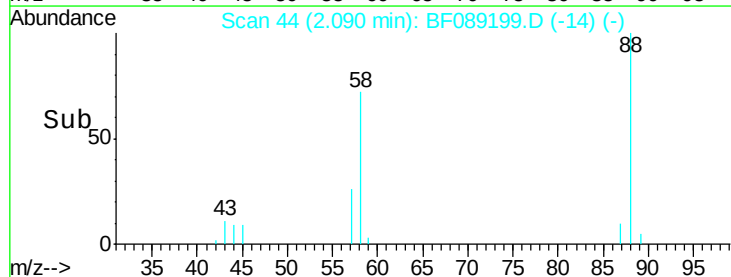
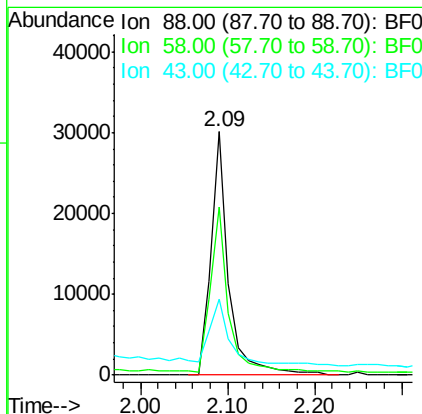
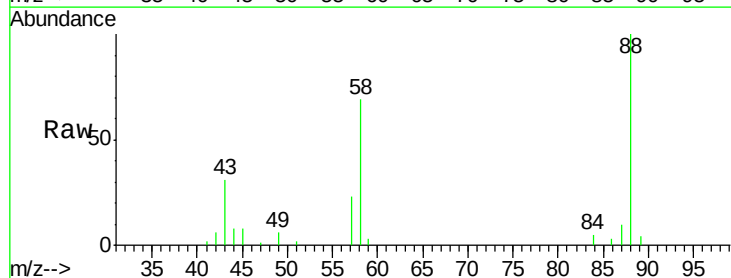
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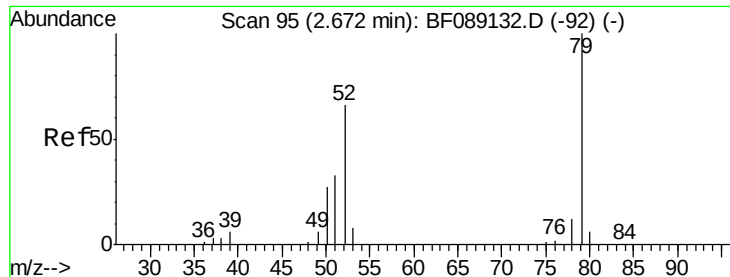


#2

1,4-Dioxane  
Concen: 31.87 ng  
RT: 2.09 min Scan# 44  
Delta R.T. 0.05 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 71.8  | 49.2  | 73.8  |
| 43      | 32.0  | 20.6  | 30.8  |





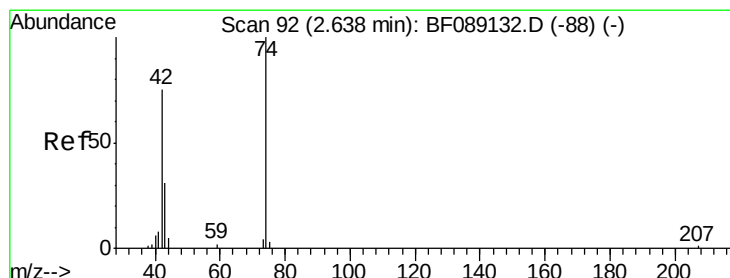
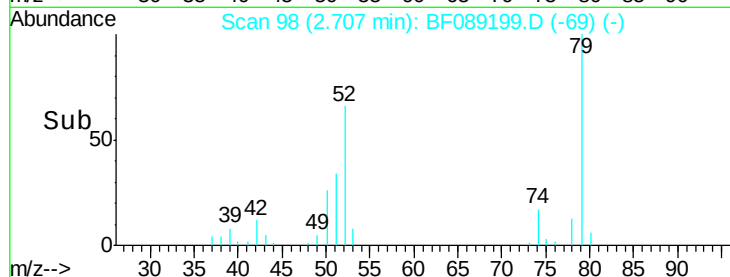
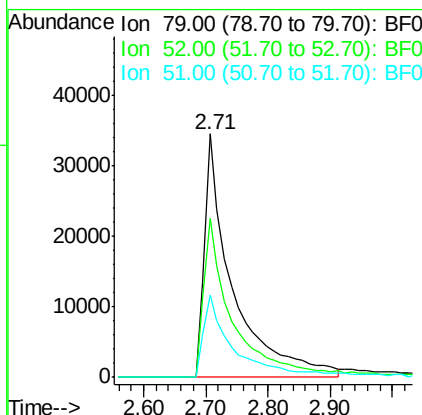
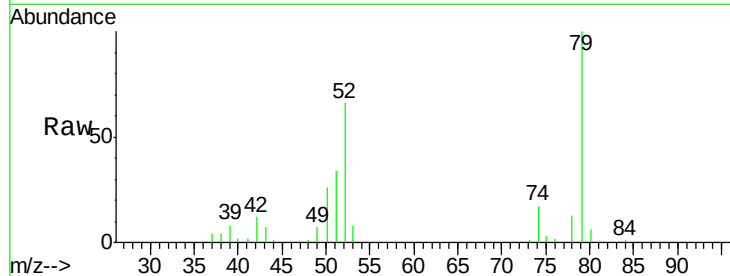
#3  
**Pyridine**  
 Concen: 31.63 ng  
 RT: 2.71 min Scan# 98  
 Delta R.T. 0.03 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92344BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 108074 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 65.5  | 52.9  | 79.3   |
| 51       | 34.0  | 27.0  | 40.6   |

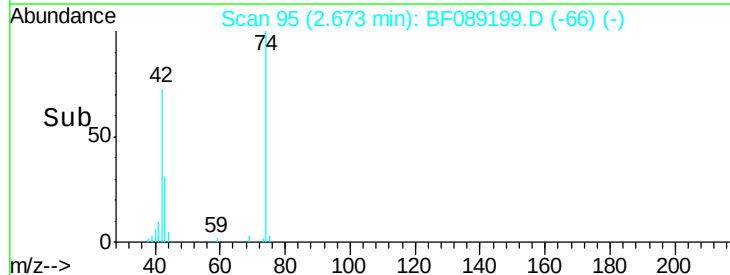
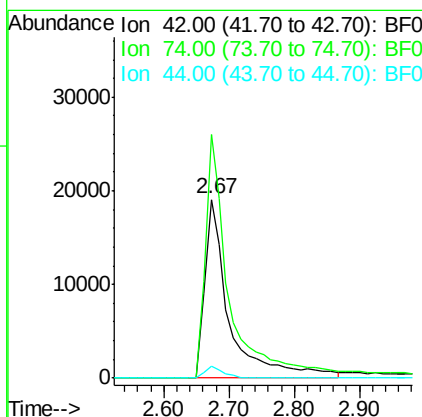
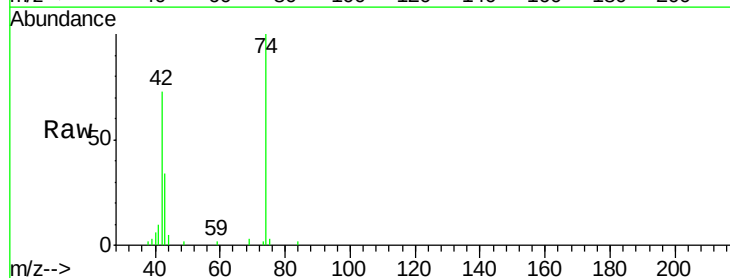
Manual Integrations  
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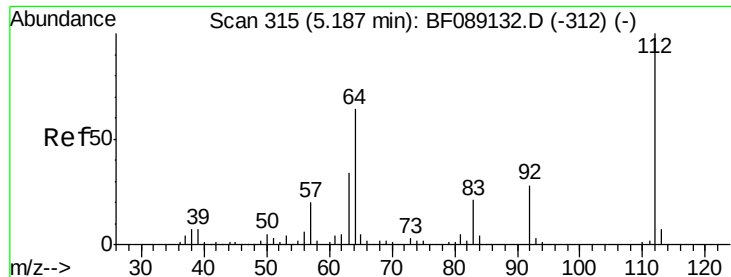
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#4  
**n-Nitrosodimethylamine**  
 Concen: 34.77 ng  
 RT: 2.67 min Scan# 95  
 Delta R.T. 0.03 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 50012 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 136.3 | 106.4 | 159.6 |
| 44       | 6.4   | 5.2   | 7.8   |





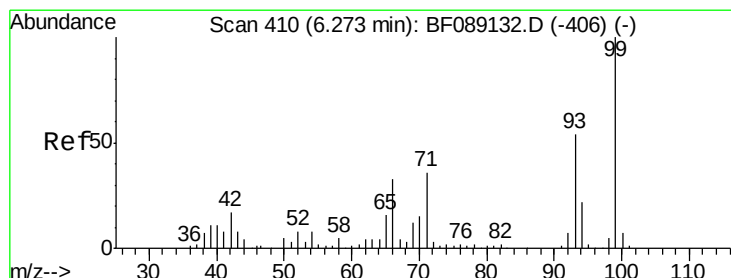
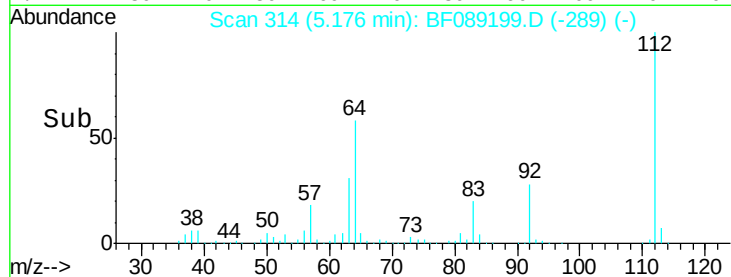
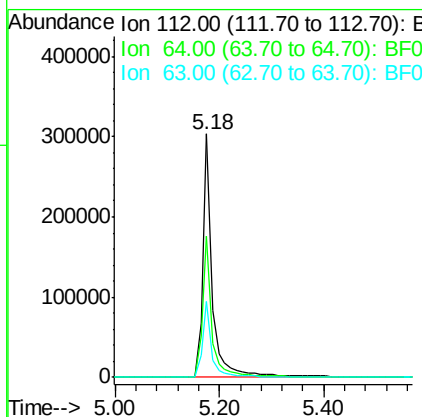
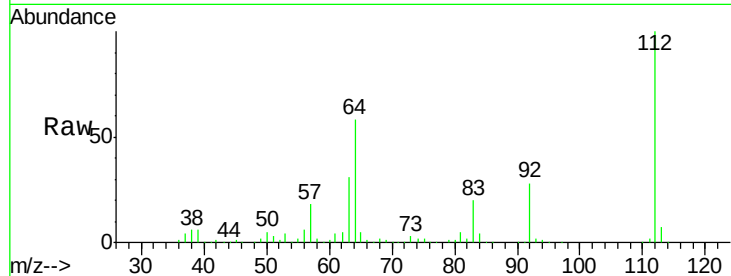
#5  
2-Fluorophenol  
Concen: 126.48 ng  
RT: 5.18 min Scan# 314  
Delta R.T. -0.01 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB92344BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 391797 |       |       |
| 64      | 57.8  | 51.0   | 76.4  |       |
| 63      | 31.0  | 27.3   | 40.9  |       |

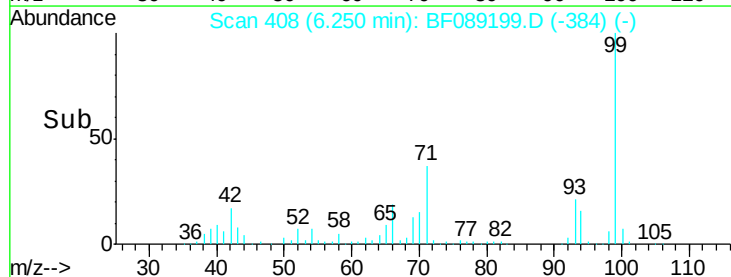
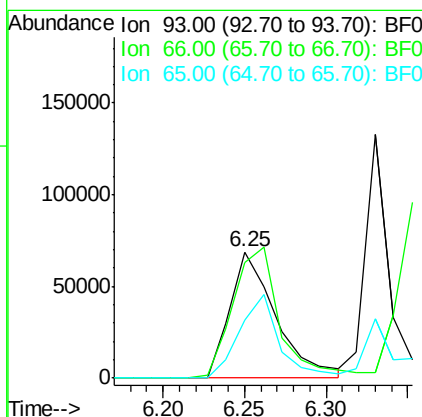
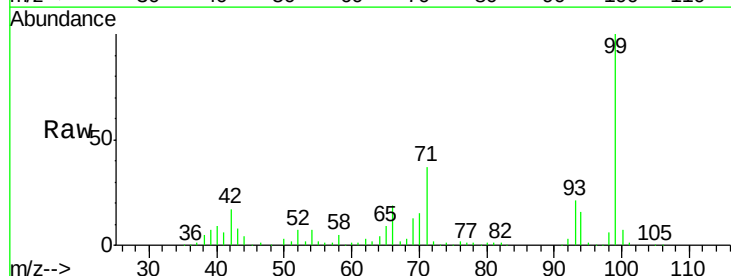
Manual Integrations  
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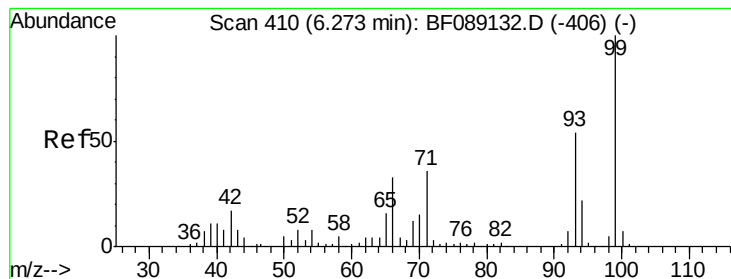
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#6  
Aniline  
Concen: 24.99 ng  
RT: 6.25 min Scan# 408  
Delta R.T. -0.02 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 134853 |       |       |
| 66      | 91.6  | 48.9   | 73.3# |       |
| 65      | 45.6  | 23.9   | 35.9# |       |





#7

Phenol-d6

Concen: 126.11 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA\_F

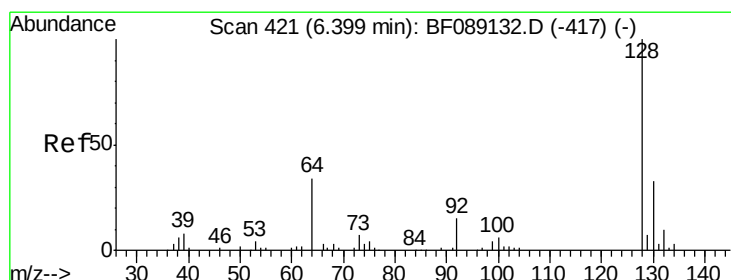
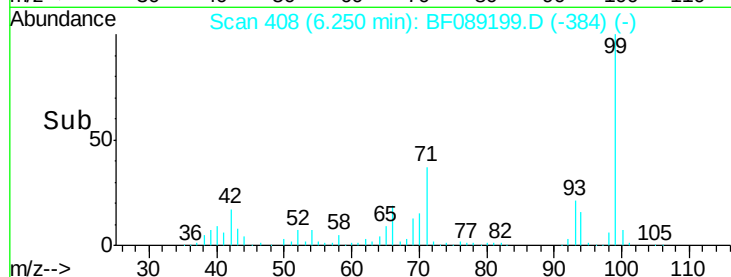
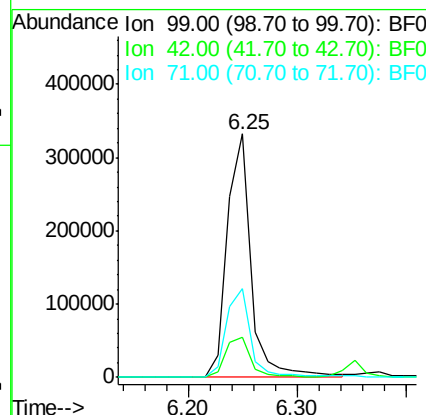
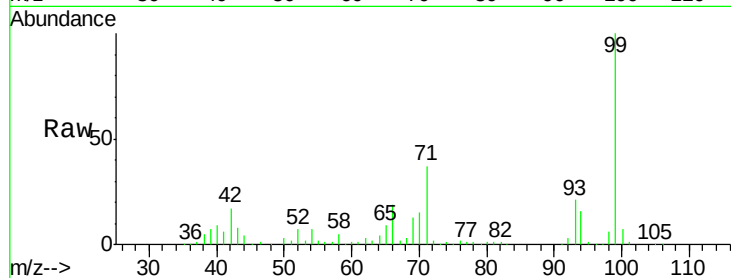
ClientSampleId :

PB92344BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 503783 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 16.6  | 13.5  | 20.3   |
| 71        | 36.5  | 28.9  | 43.3   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 41.79 ng

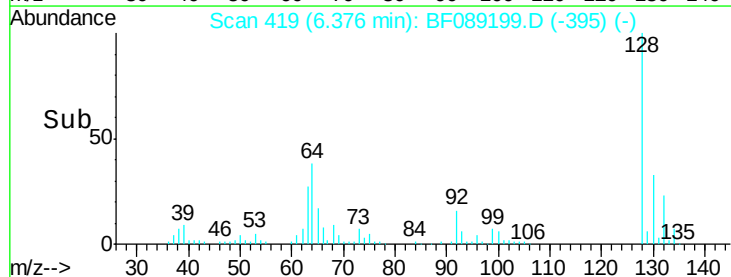
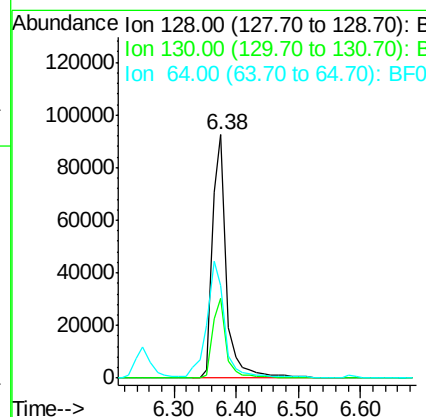
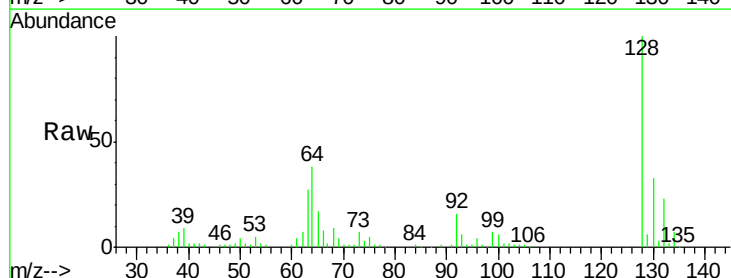
RT: 6.38 min Scan# 419

Delta R.T. -0.02 min

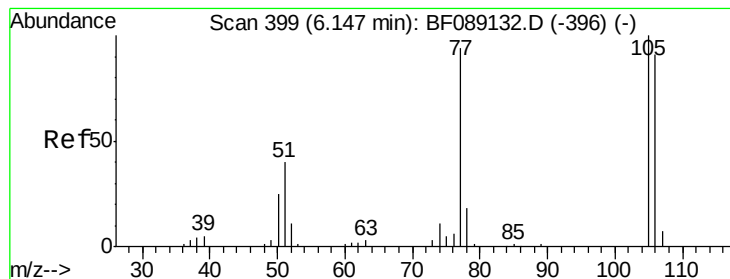
Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 143662 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.5  | 12.6  | 52.6   |
| 64        | 37.9  | 17.5  | 57.5   |







#9

Benzaldehyde

Concen: 13.09 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA\_F

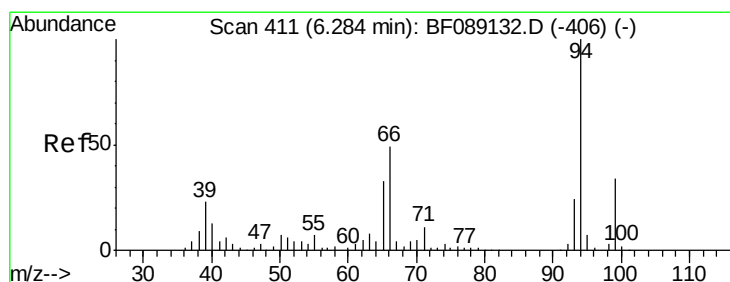
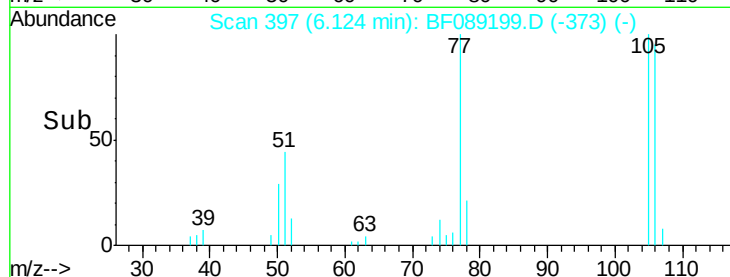
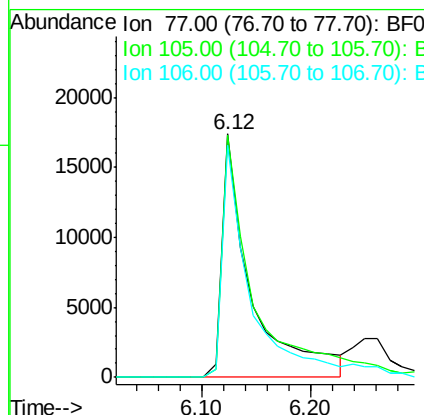
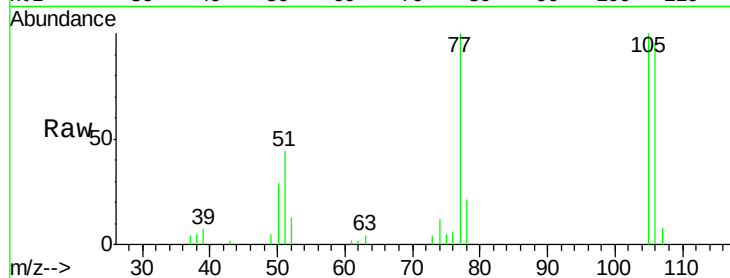
ClientSampleId :

PB92344BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 32671 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 99.6  | 86.2  | 126.2 |
| 106      | 95.1  | 76.3  | 116.3 |

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#10

Phenol

Concen: 41.96 ng

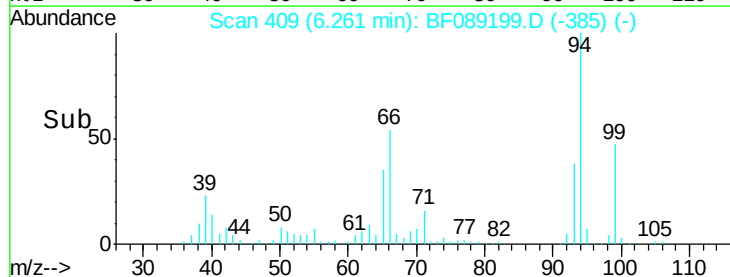
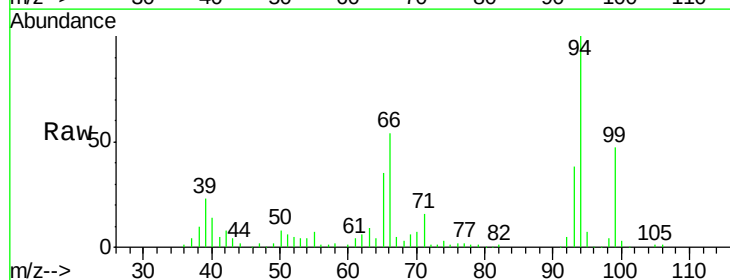
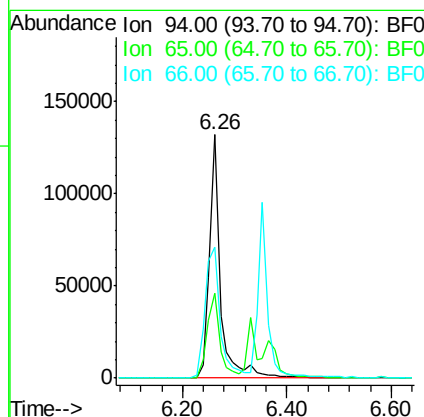
RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

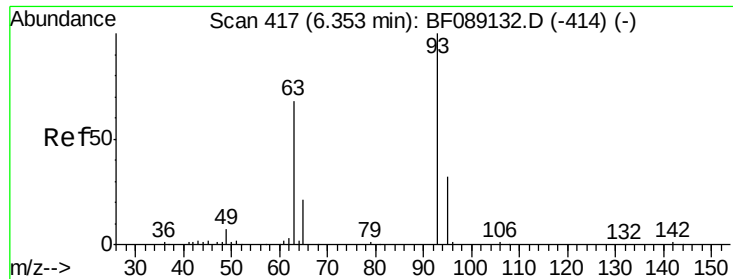
Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 193132 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 34.7  | 13.3  | 53.3   |
| 66       | 54.0  | 29.3  | 69.3   |







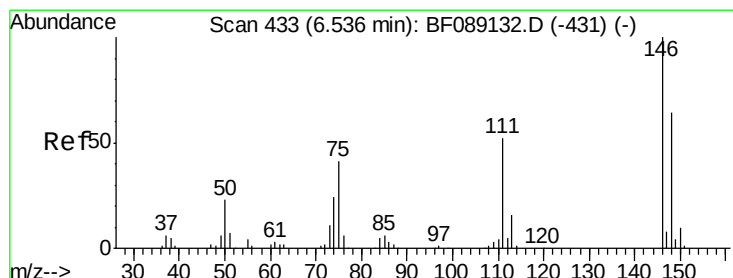
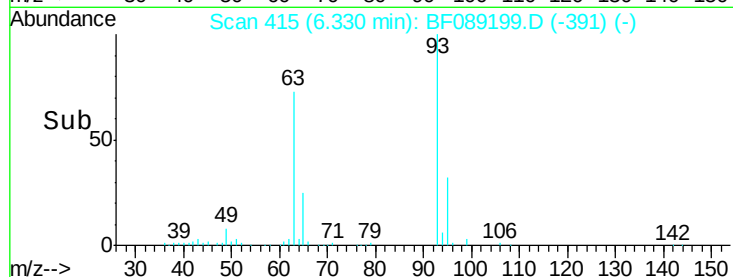
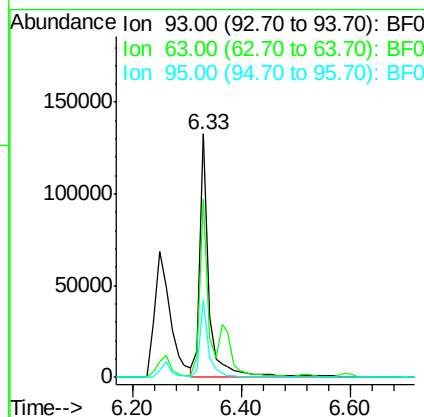
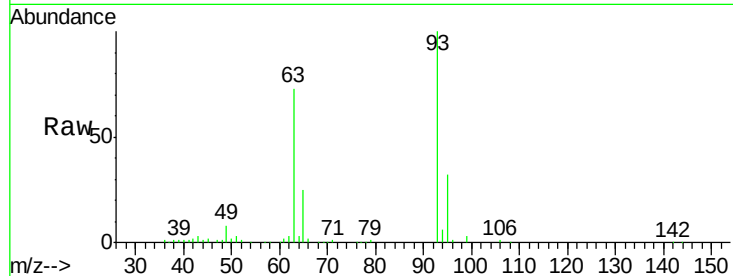
#11  
bis(2-Chloroethyl)ether  
Concen: 43.52 ng  
RT: 6.33 min Scan# 415  
Delta R.T. -0.02 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB92344BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 150437 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 73.3  | 47.3  | 87.3   |
| 95        | 31.8  | 11.8  | 51.8   |

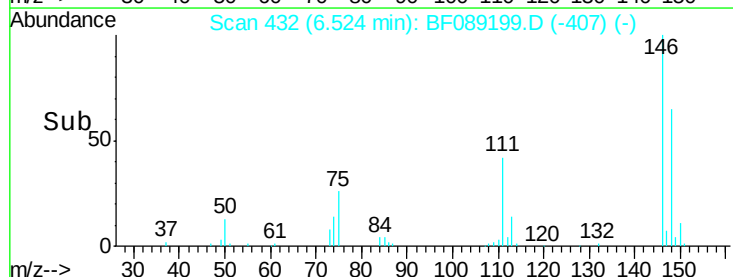
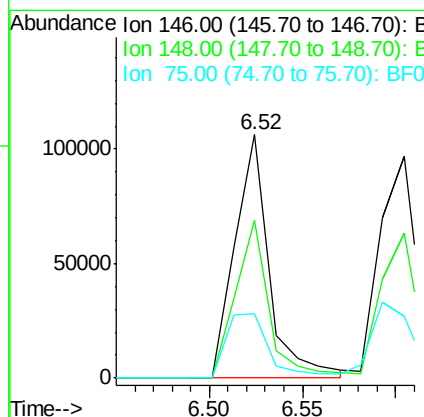
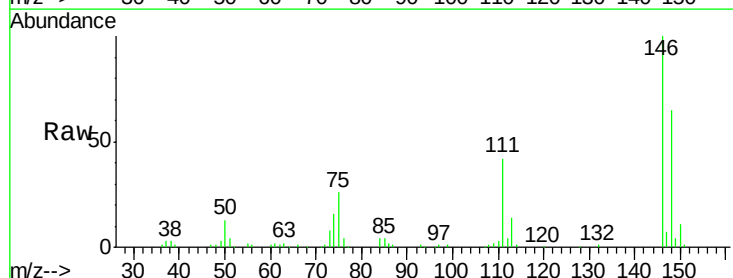
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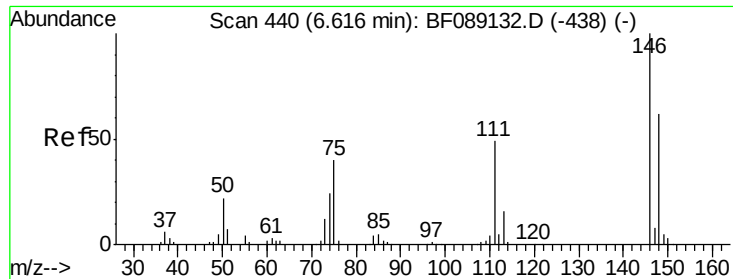
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#12  
1,3-Dichlorobenzene  
Concen: 36.01 ng  
RT: 6.52 min Scan# 432  
Delta R.T. -0.01 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 136675 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.7  | 51.0  | 76.6   |
| 75        | 26.4  | 32.5  | 48.7#  |





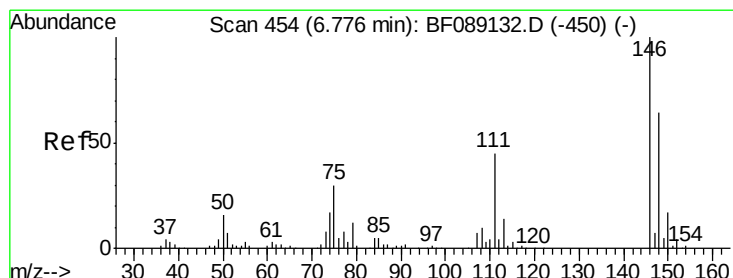
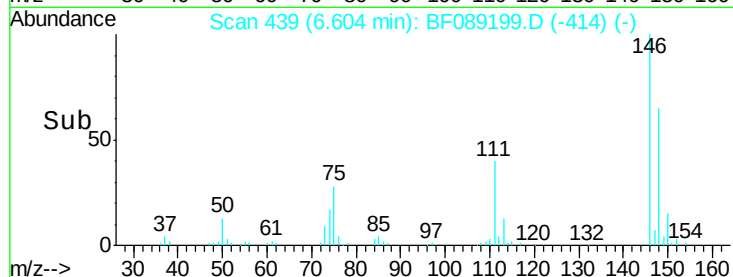
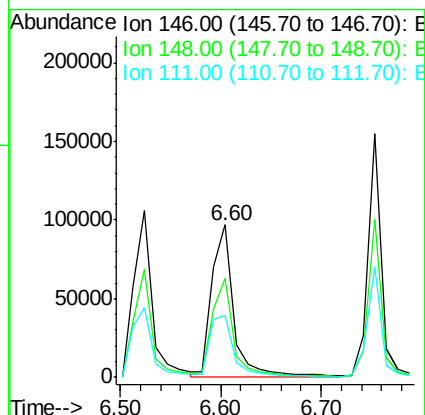
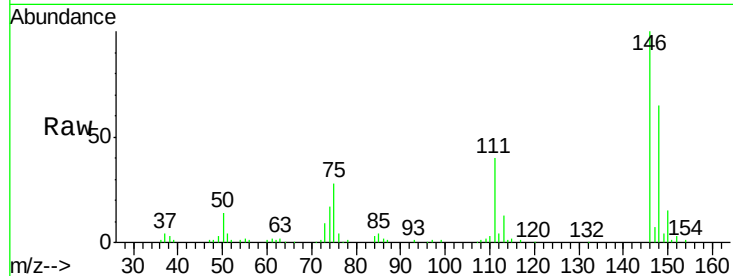
#13  
 1,4-Dichlorobenzene  
 Concen: 38.50 ng  
 RT: 6.60 min Scan# 439  
 Delta R.T. -0.01 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92344BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 147196 |       |       |
| 148     | 65.2  | 49.9   | 74.9  |       |
| 111     | 40.3  | 39.8   | 59.6  |       |

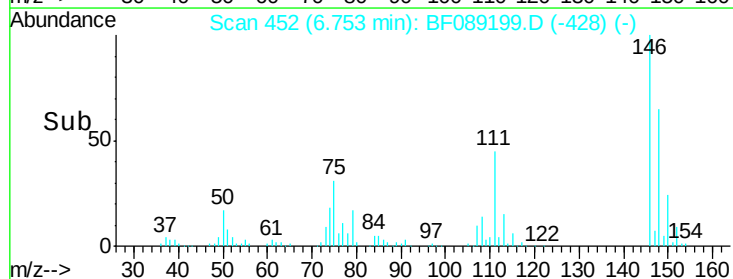
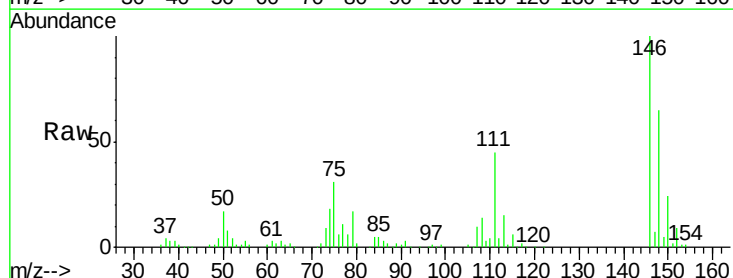
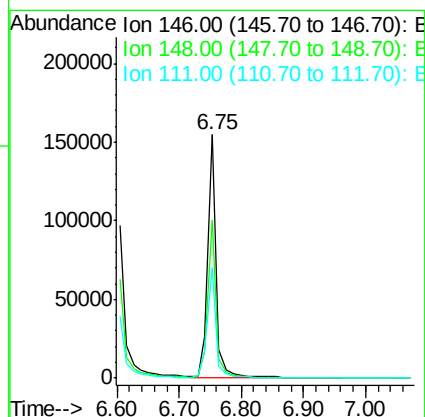
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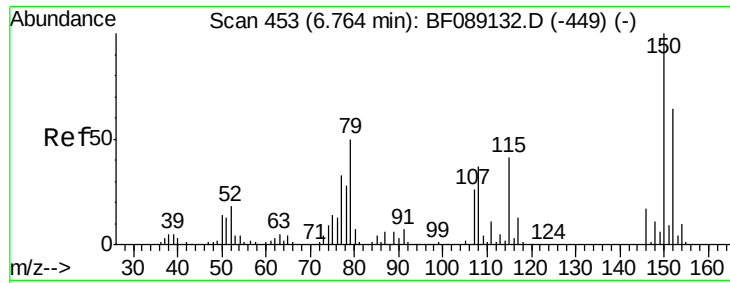
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#14  
 1,2-Dichlorobenzene  
 Concen: 41.45 ng  
 RT: 6.75 min Scan# 452  
 Delta R.T. -0.02 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 149397 |       |       |
| 148     | 64.7  | 51.4   | 77.0  |       |
| 111     | 45.4  | 35.9   | 53.9  |       |





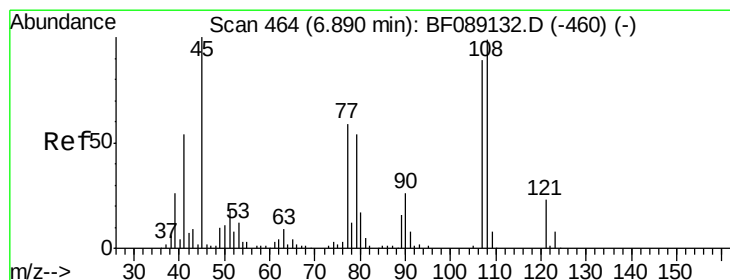
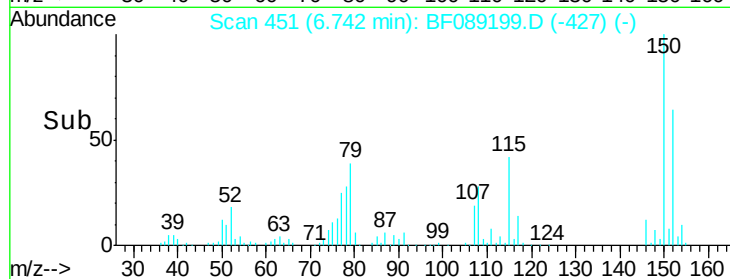
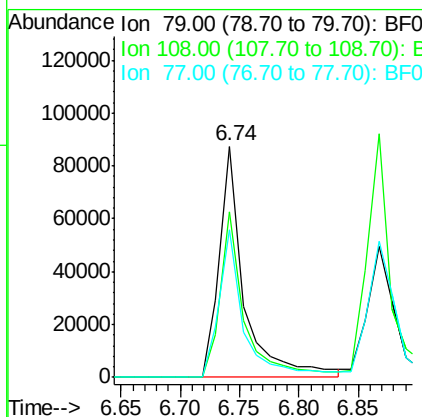
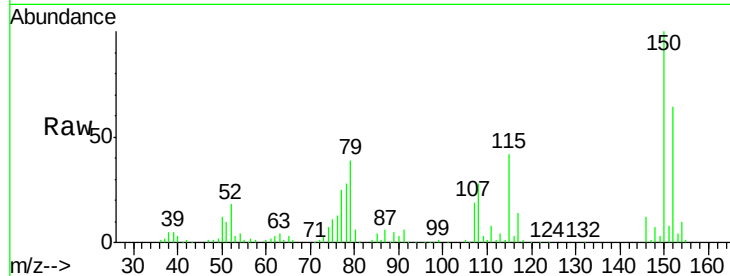
#15  
Benzyl Alcohol  
Concen: 43.36 ng  
RT: 6.74 min Scan# 451  
Delta R.T. -0.02 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB92344BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 79      | 100   | 126846 |       |       |
| 108     | 71.4  | 58.2   | 87.4  |       |
| 77      | 63.6  | 52.2   | 78.4  |       |

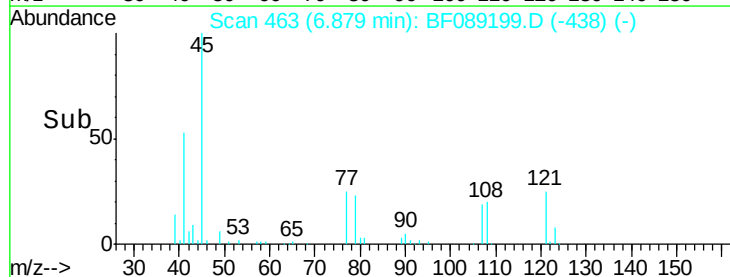
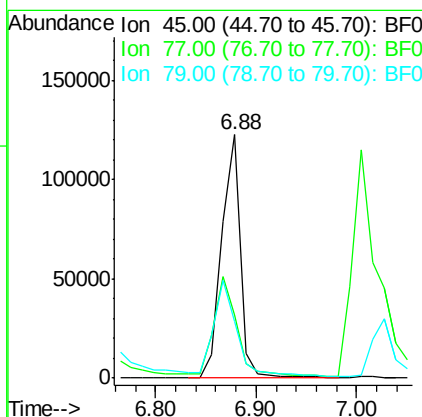
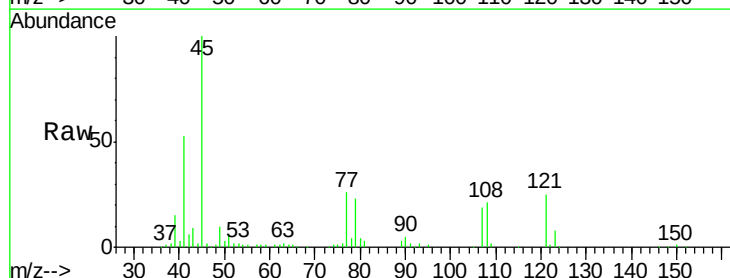
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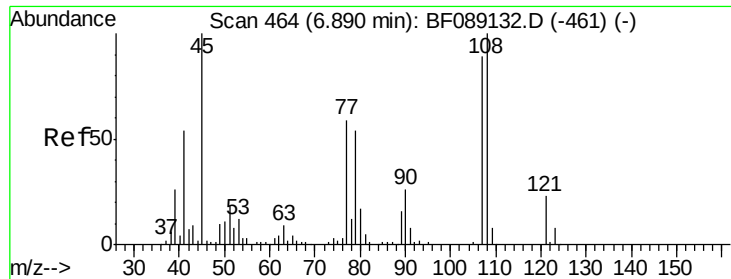
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.47 ng  
RT: 6.88 min Scan# 463  
Delta R.T. -0.01 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 45      | 100   | 159369 |       |       |
| 77      | 25.8  | 39.7   | 79.7# |       |
| 79      | 23.3  | 34.7   | 74.7# |       |





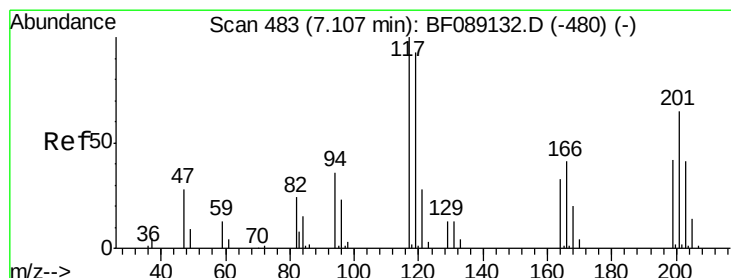
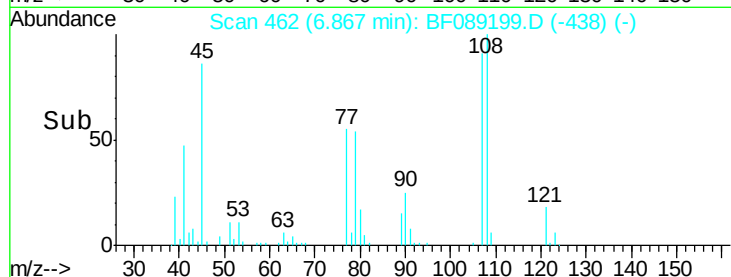
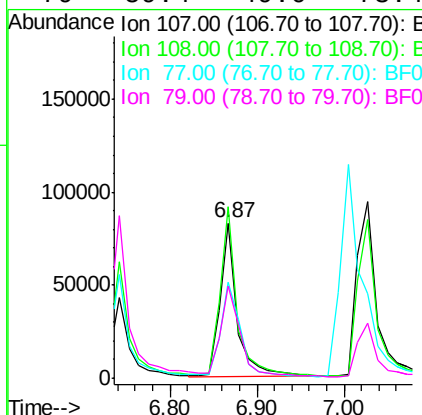
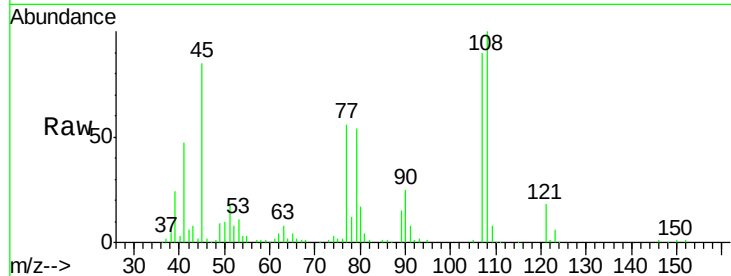
#17  
2-Methylphenol  
Concen: 42.35 ng  
RT: 6.87 min Scan# 462  
Delta R.T. -0.02 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB92344BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 114668 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 110.6 | 89.4  | 134.2  |
| 77        | 61.6  | 53.4  | 80.0   |
| 79        | 59.4  | 49.0  | 73.4   |

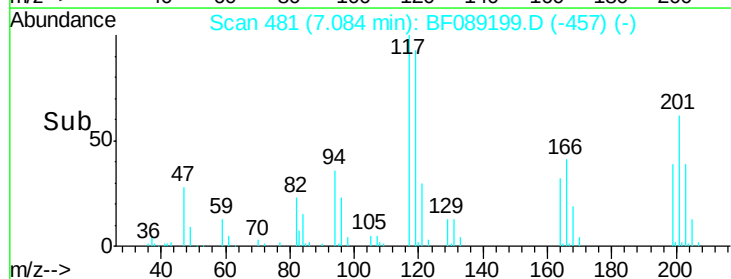
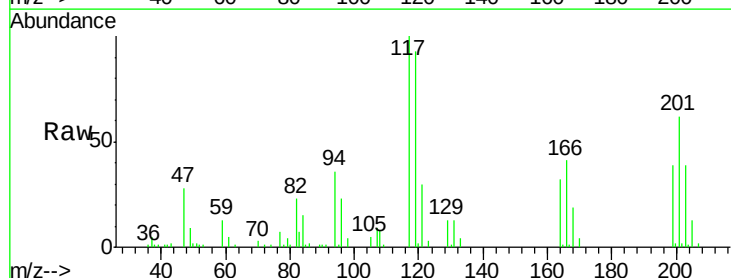
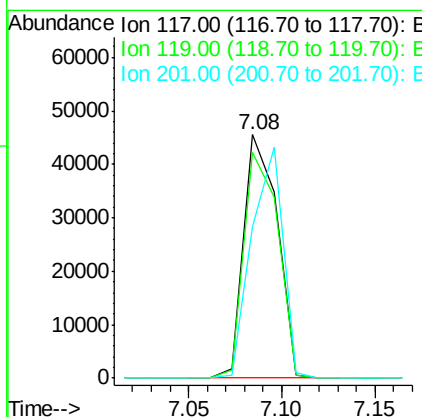
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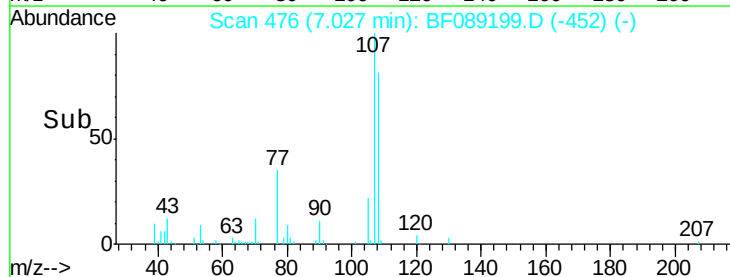
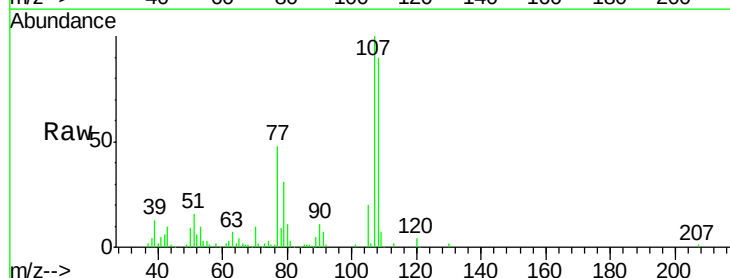
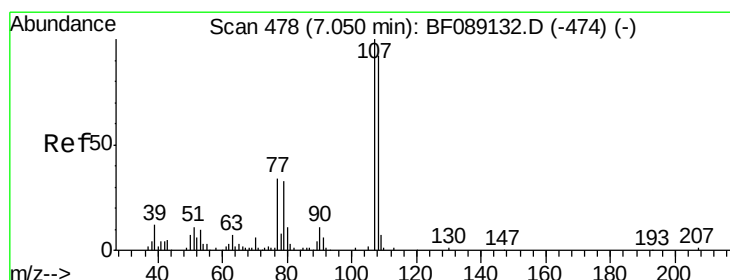
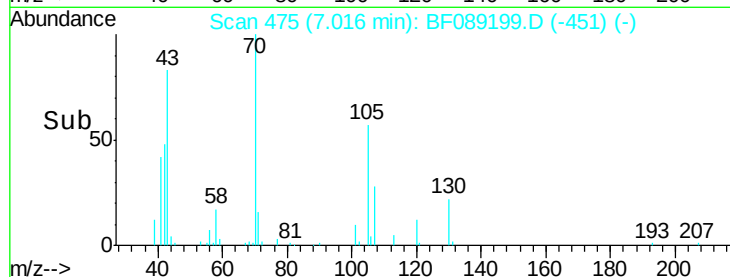
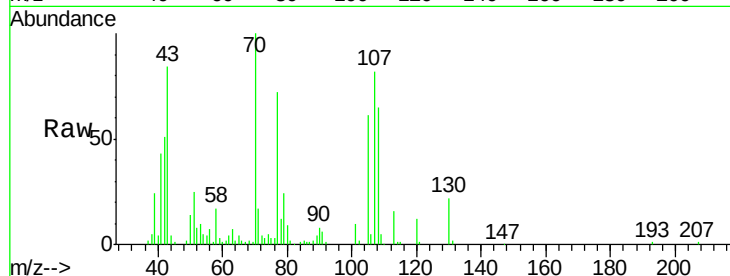
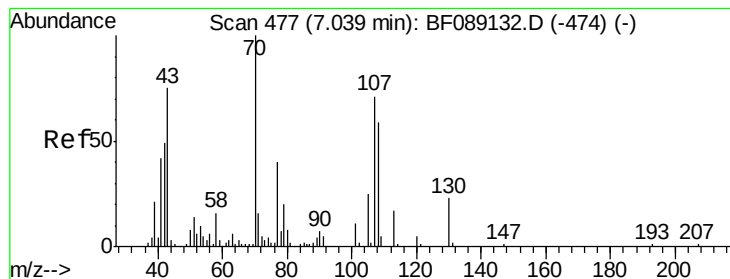
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#18  
Hexachloroethane  
Concen: 39.40 ng  
RT: 7.08 min Scan# 481  
Delta R.T. -0.02 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 56610 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 92.7  | 74.5  | 111.7 |
| 201       | 62.0  | 51.8  | 77.6  |





#19

n-Nitroso-di-n-propylamine

Concen: 41.53 ng

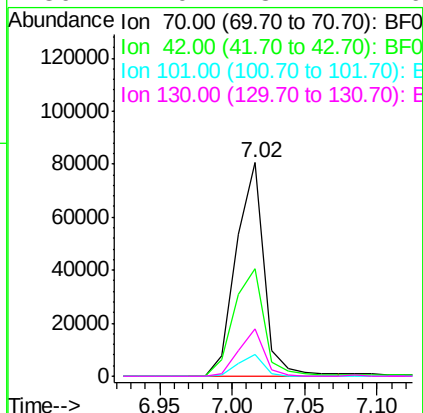
RT: 7.02 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 50.5 | 39.2  | 58.8  |       |
| 101     | 10.4 | 8.5   | 12.7  |       |
| 130     | 22.0 | 18.4  | 27.6  |       |



Instrument :

BNA\_F

ClientSampleId :

PB92344BS

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#20

3+4-Methylphenols

Concen: 41.61 ng

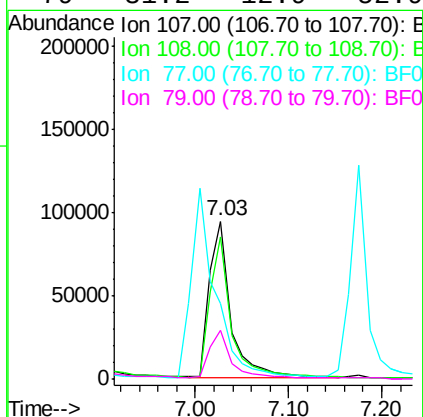
RT: 7.03 min Scan# 476

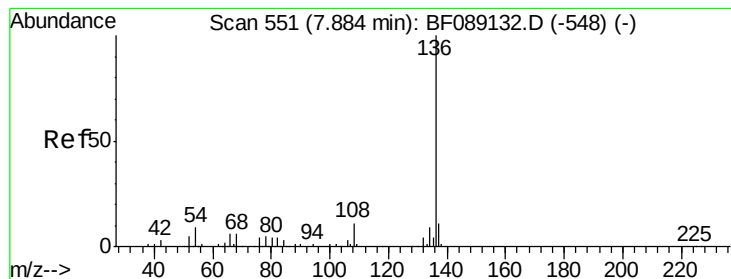
Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 90.2 | 72.5  | 112.5 |       |
| 77      | 47.7 | 17.7  | 57.7  |       |
| 79      | 31.2 | 12.9  | 52.9  |       |





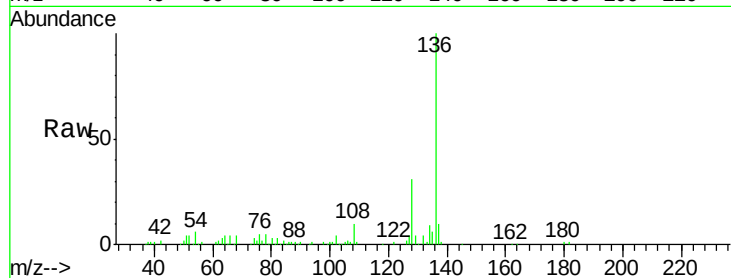
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.87 min Scan# 550  
Delta R.T. -0.01 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB92344BS

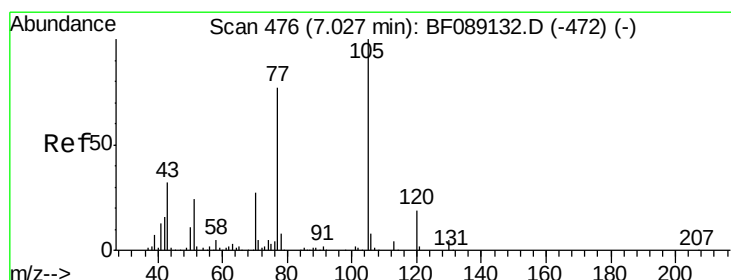
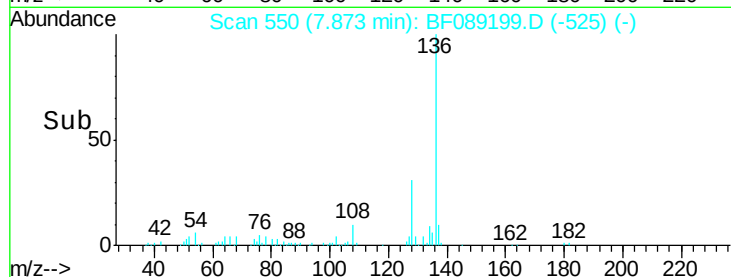
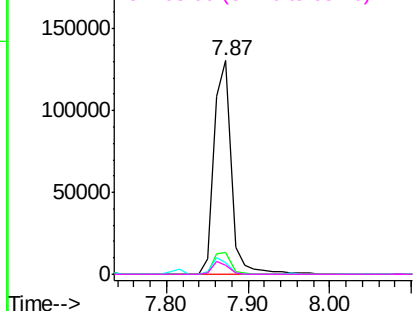
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 192716 |       |       |
| 137     | 10.4  | 8.8    | 13.2  |       |
| 54      | 5.6   | 7.0    | 10.4  |       |
| 68      | 4.5   | 5.0    | 7.6   |       |

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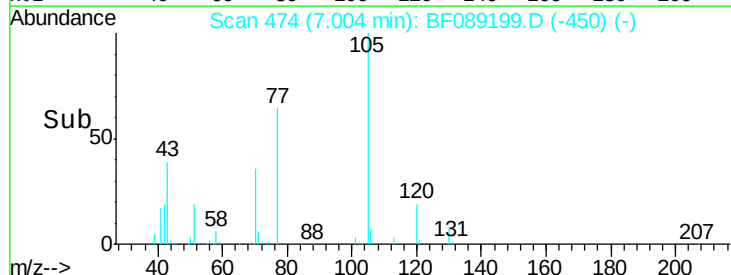
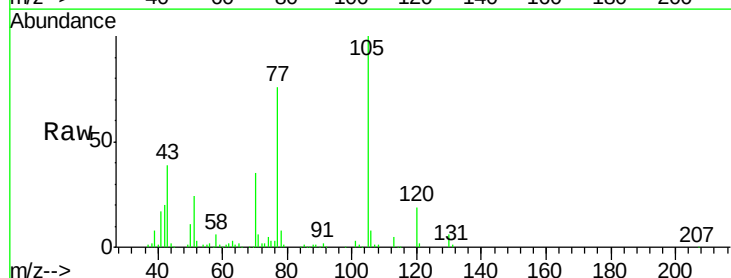
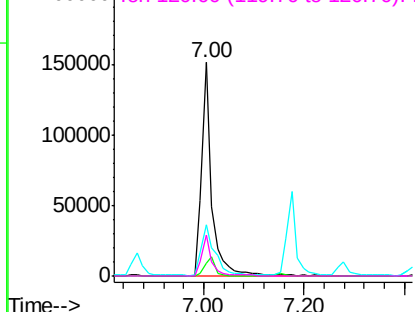
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

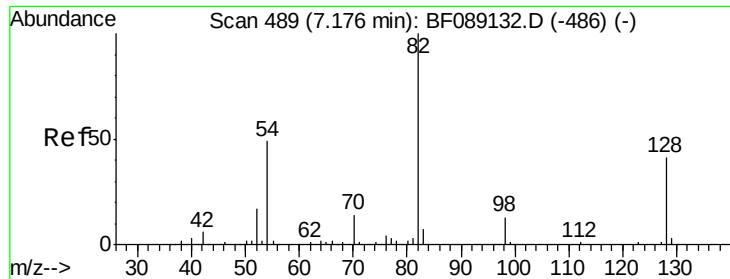


#22  
Acetophenone  
Concen: 41.44 ng  
RT: 7.00 min Scan# 474  
Delta R.T. -0.02 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 213280 |       |       |
| 71      | 6.0   | 3.8    | 5.6   |       |
| 51      | 24.1  | 19.6   | 29.4  |       |
| 120     | 19.1  | 15.5   | 23.3  |       |

Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF0  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 120.00 (119.70 to 120.70): E





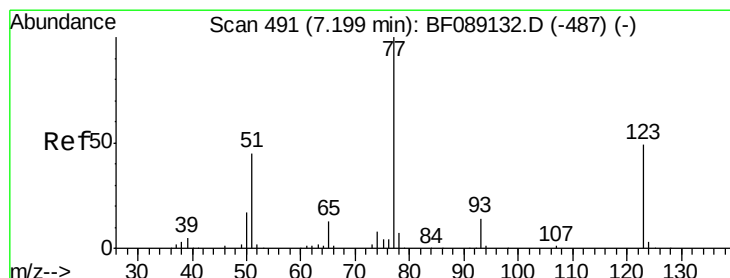
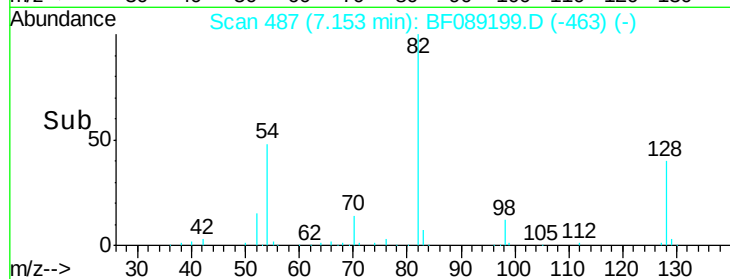
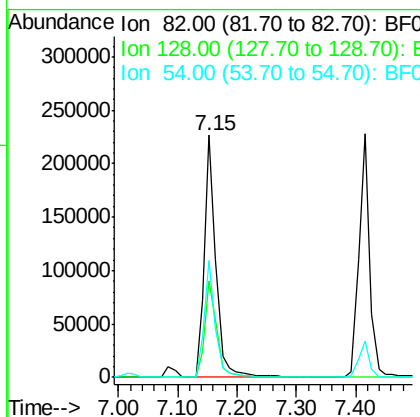
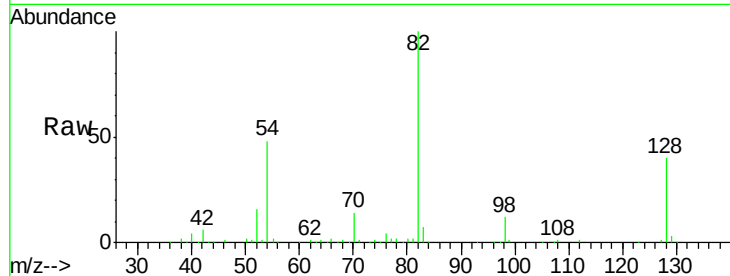
#23  
Nitrobenzene-d5  
Concen: 87.40 ng  
RT: 7.15 min Scan# 487  
Delta R.T. -0.02 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB92344BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 317002 |       |       |
| 128     | 39.9  | 33.0   | 49.6  |       |
| 54      | 48.1  | 39.0   | 58.4  |       |

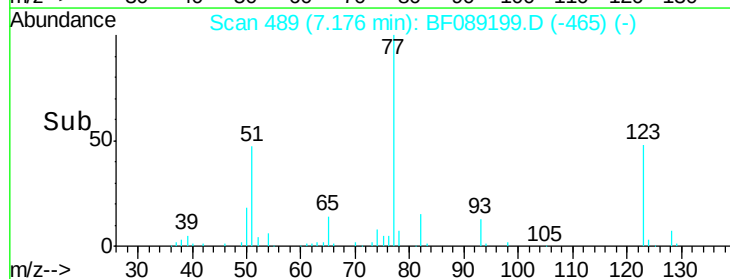
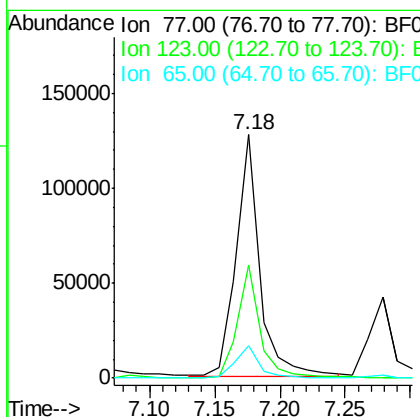
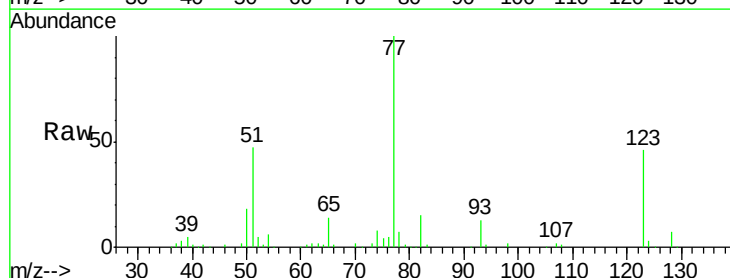
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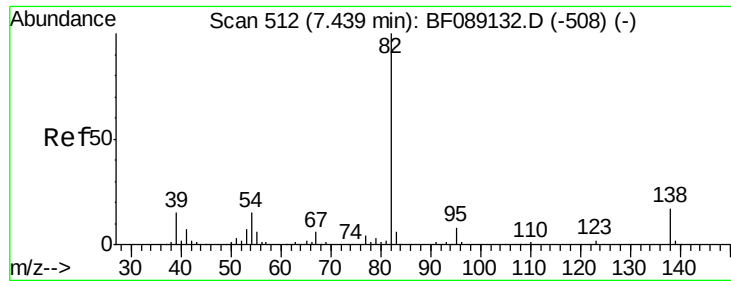


#24  
Nitrobenzene  
Concen: 41.66 ng  
RT: 7.18 min Scan# 489  
Delta R.T. -0.02 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 159351 |       |       |
| 123     | 46.3  | 38.9   | 58.3  |       |
| 65      | 13.5  | 10.6   | 15.8  |       |







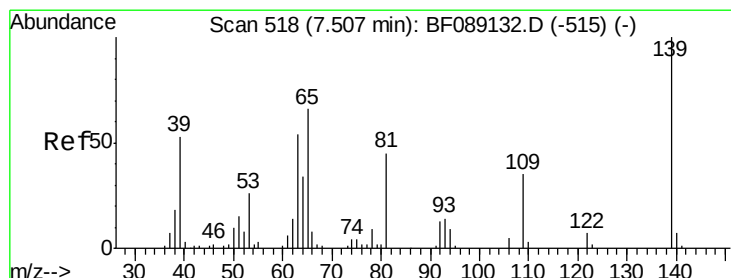
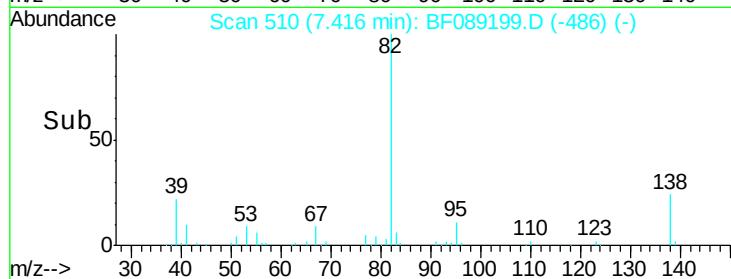
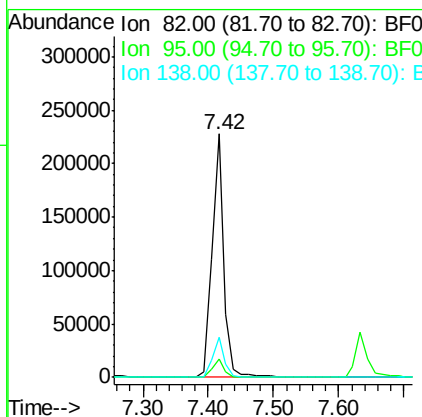
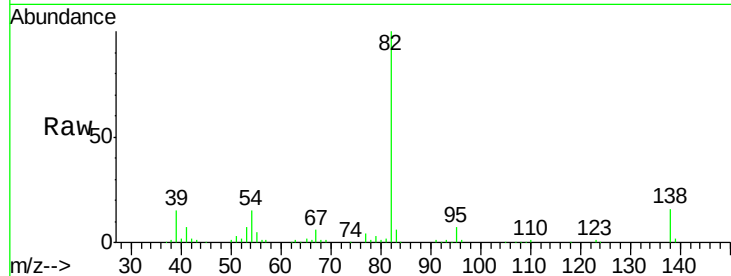
#25  
Isophorone  
Concen: 43.13 ng  
RT: 7.42 min Scan# 510  
Delta R.T. -0.02 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB92344BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 288288 |       |       |
| 95      | 7.4   | 6.1    | 9.1   |       |
| 138     | 16.4  | 13.6   | 20.4  |       |

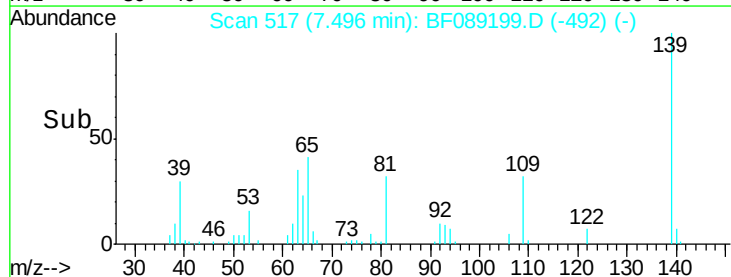
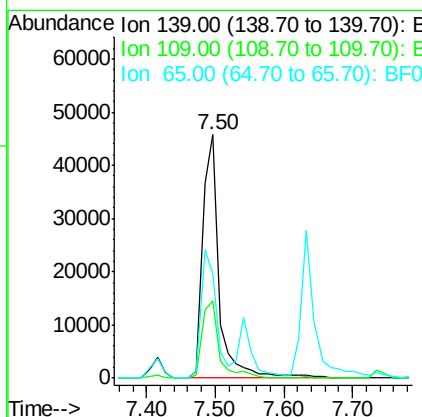
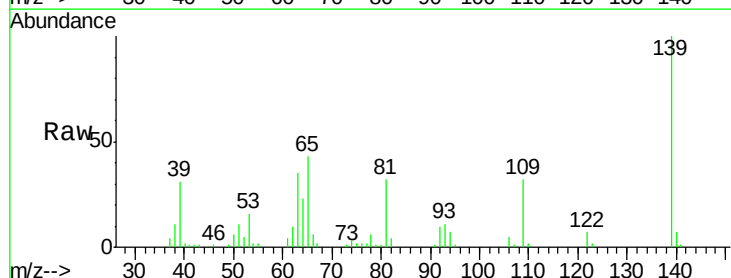
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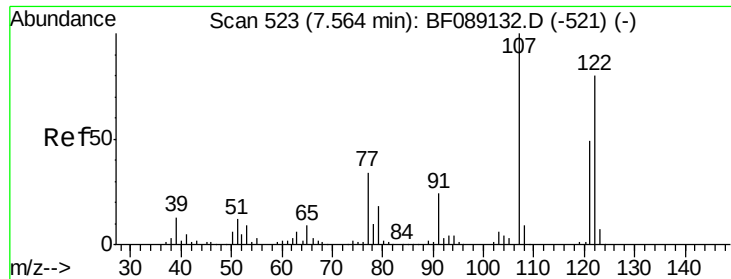
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#26  
2-Nitrophenol  
Concen: 41.96 ng  
RT: 7.50 min Scan# 517  
Delta R.T. -0.01 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 74857 |       |       |
| 109     | 31.6  | 28.1  | 42.1  |       |
| 65      | 42.6  | 52.7  | 79.1# |       |





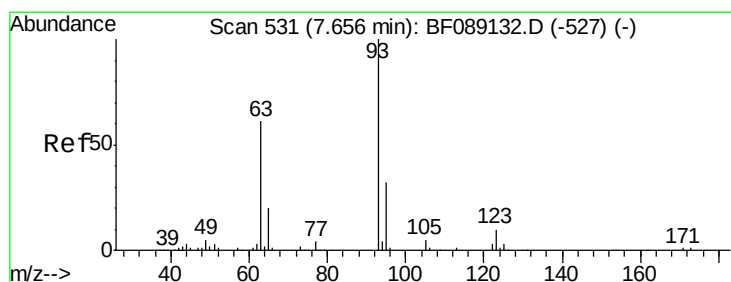
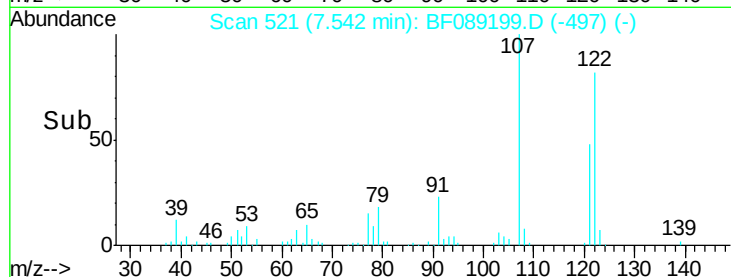
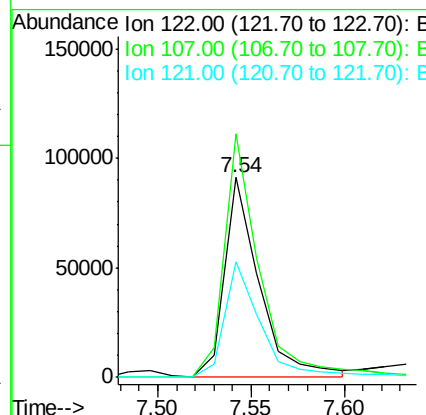
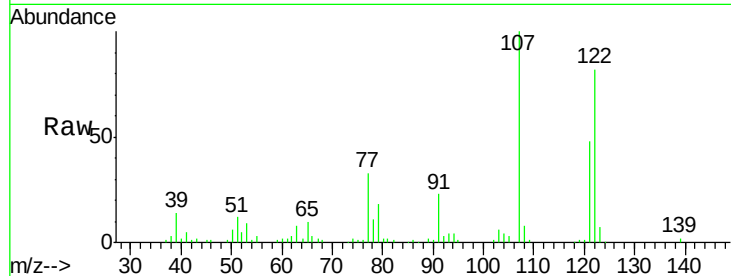
#27  
 2,4-Dimethylphenol  
 Concen: 39.34 ng  
 RT: 7.54 min Scan# 521  
 Delta R.T. -0.02 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB92344BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 118261 |       |       |
| 107     | 122.0 | 99.7   | 149.5 |       |
| 121     | 58.0  | 48.5   | 72.7  |       |

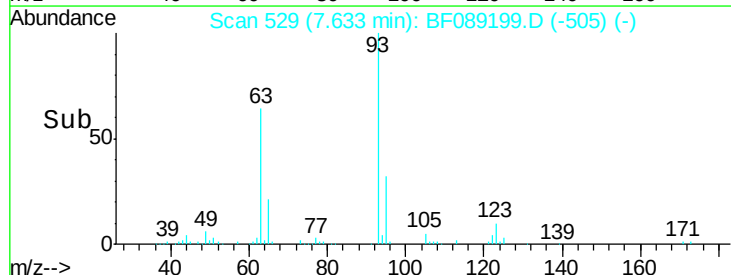
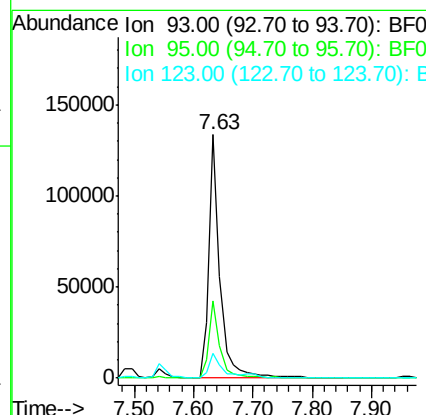
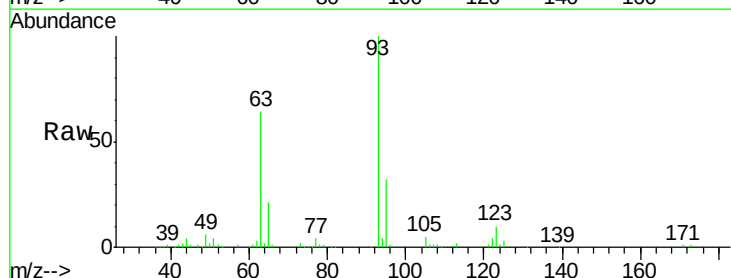
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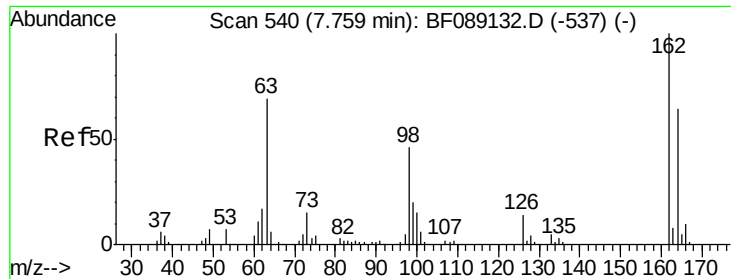
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 43.02 ng  
 RT: 7.63 min Scan# 529  
 Delta R.T. -0.02 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 179861 |       |       |
| 95      | 31.8  | 25.4   | 38.0  |       |
| 123     | 10.2  | 8.3    | 12.5  |       |





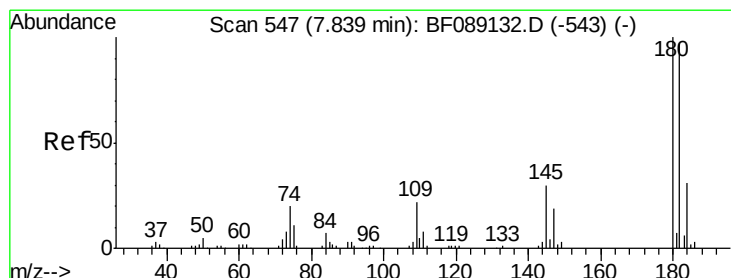
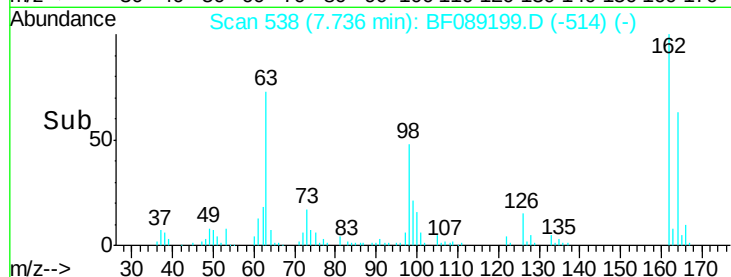
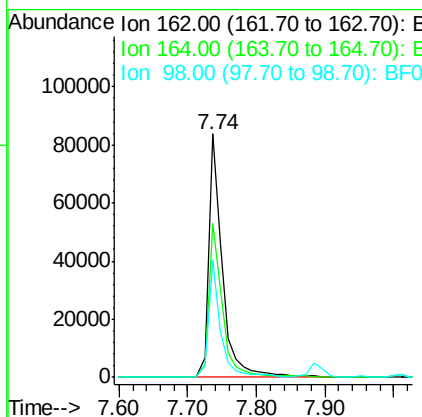
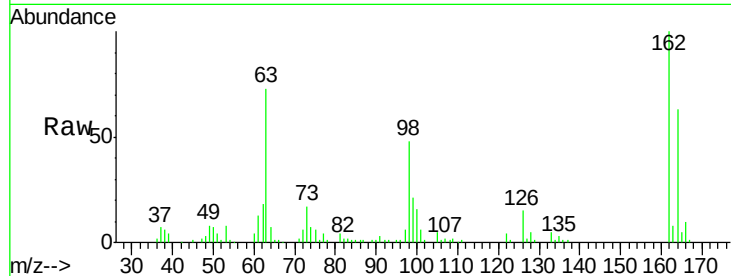
#29  
 2,4-Dichlorophenol  
 Concen: 42.92 ng  
 RT: 7.74 min Scan# 538  
 Delta R.T. -0.02 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB92344BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 116260 |       |       |
| 164     | 63.4  | 44.0   | 84.0  |       |
| 98      | 47.9  | 26.0   | 66.0  |       |

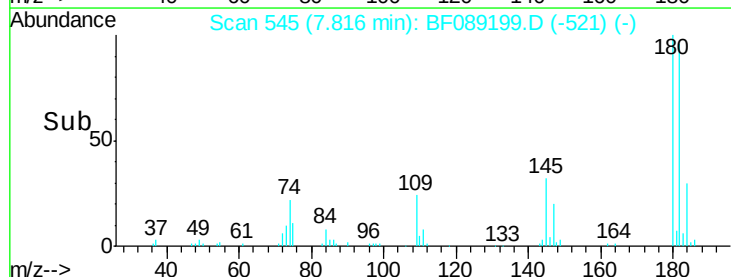
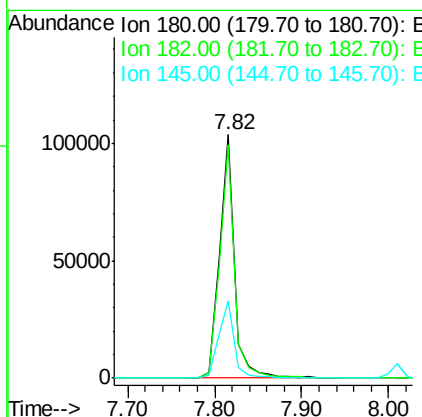
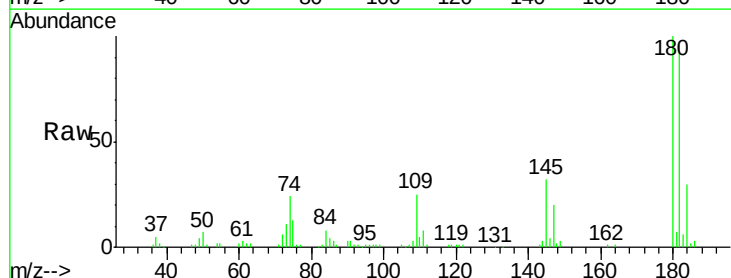
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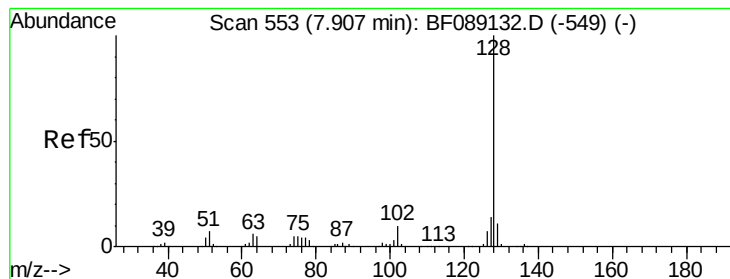
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.99 ng  
 RT: 7.82 min Scan# 545  
 Delta R.T. -0.02 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 125933 |       |       |
| 182     | 95.9  | 77.6   | 116.4 |       |
| 145     | 31.8  | 24.0   | 36.0  |       |





#31

Naphthalene

Concen: 37.79 ng m

RT: 7.88 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA\_F

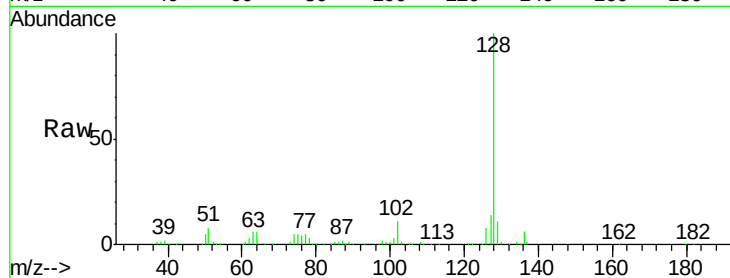
ClientSampleId :

PB92344BS

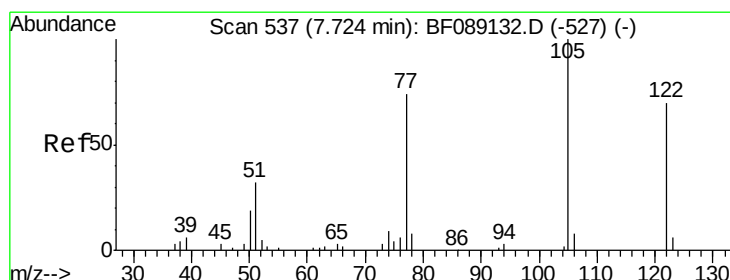
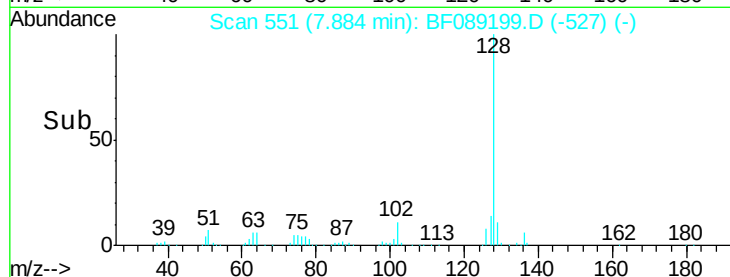
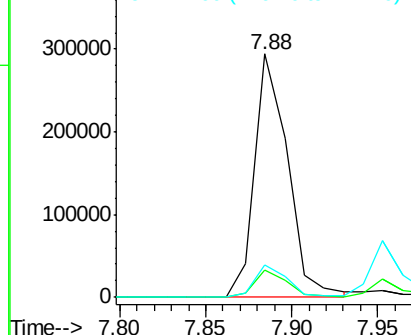
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 393108 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.1  | 8.9   | 13.3   |
| 127       | 13.5  | 10.8  | 16.2   |

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



#32

Benzoic acid

Concen: 37.65 ng

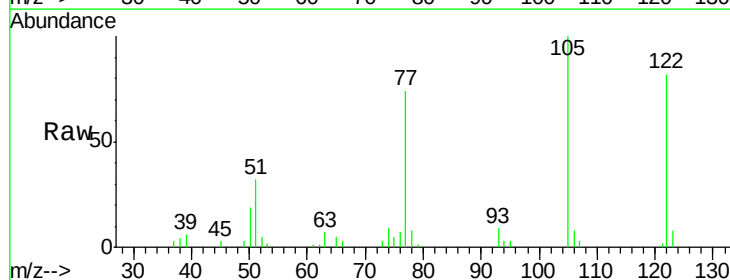
RT: 7.70 min Scan# 535

Delta R.T. -0.02 min

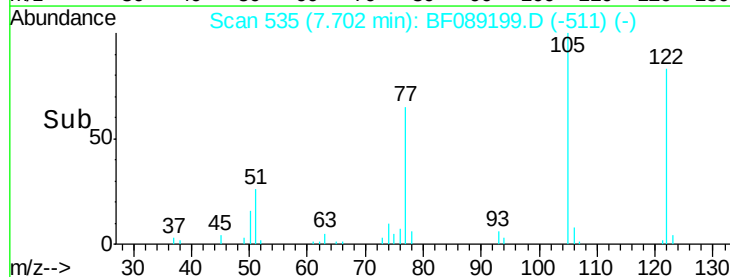
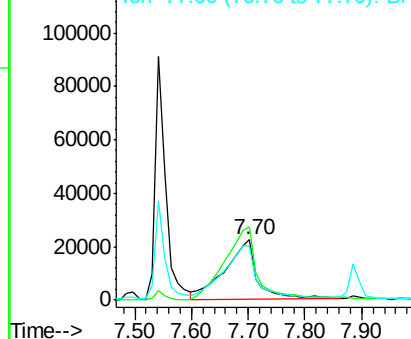
Lab File: BF089199.D

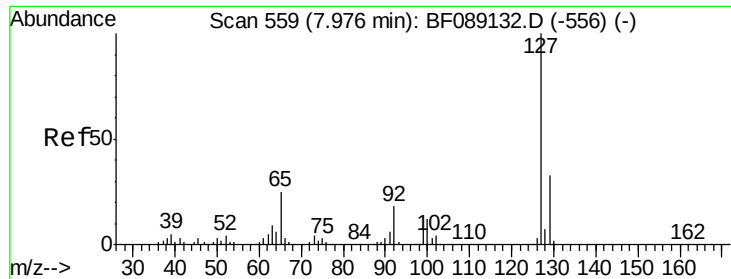
Acq: 22 Jul 2016 17:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 87040 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 122.0 | 119.0 | 159.0 |
| 77        | 90.7  | 84.7  | 124.7 |



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





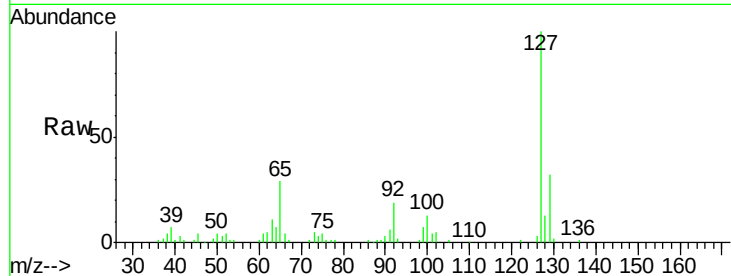
#33  
4-Chloroaniline  
Concen: 23.32 ng  
RT: 7.95 min Scan# 557  
Delta R.T. -0.02 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

Instrument :  
BNA\_F  
ClientSampled :  
PB92344BS

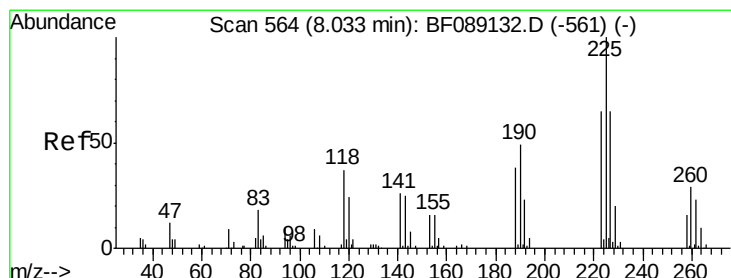
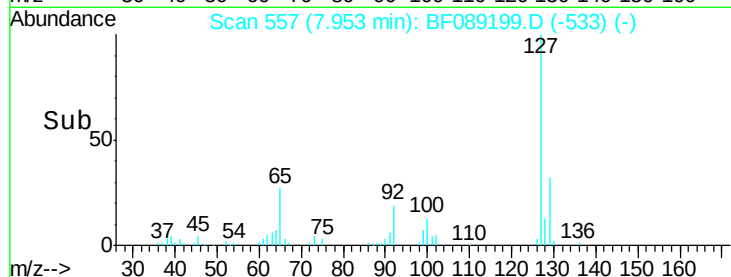
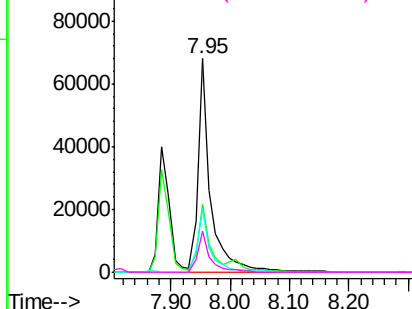
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 101994 |       |       |
| 129     | 31.5  | 25.9   | 38.9  |       |
| 65      | 29.1  | 19.7   | 29.5  |       |
| 92      | 18.9  | 14.3   | 21.5  |       |

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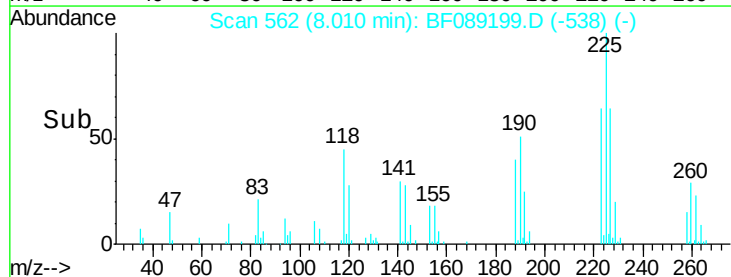
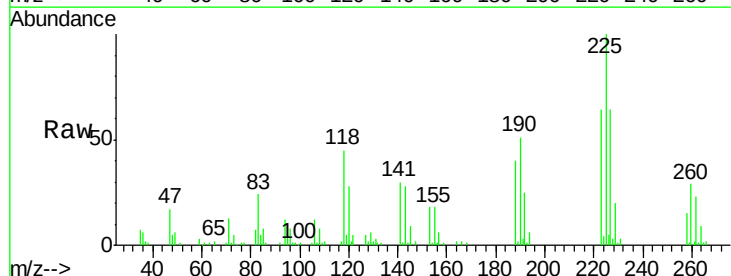
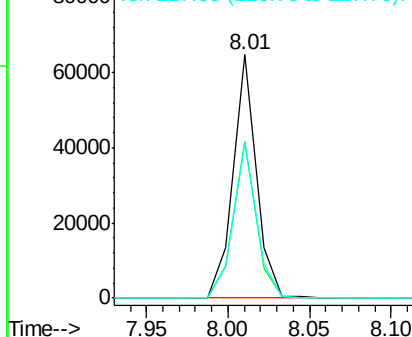
Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

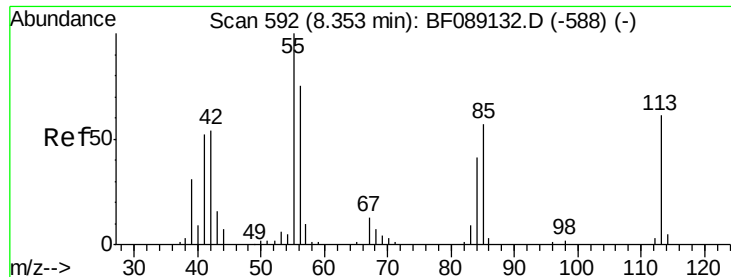


#34  
Hexachlorobutadiene  
Concen: 37.94 ng  
RT: 8.01 min Scan# 562  
Delta R.T. -0.02 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 63328 |       |       |
| 223     | 64.4  | 51.6  | 77.4  |       |
| 227     | 63.6  | 51.6  | 77.4  |       |

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





#35

Caprolactam

Concen: 42.78 ng m

RT: 8.33 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA\_F

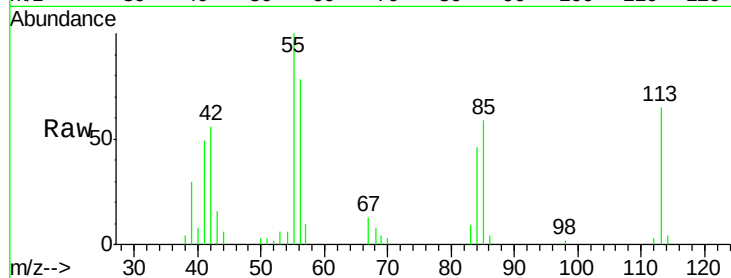
ClientSampleId :

PB92344BS

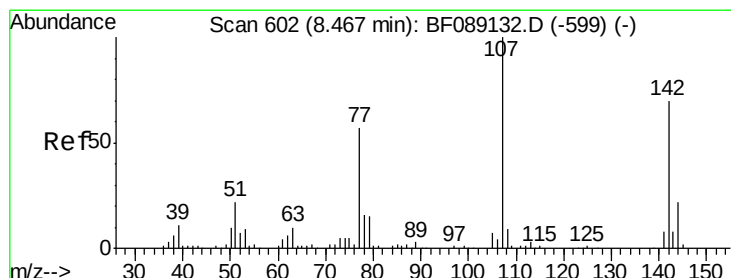
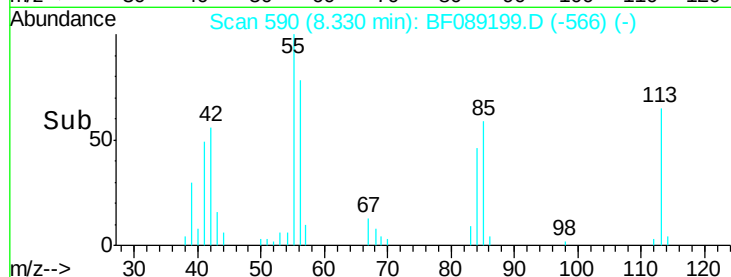
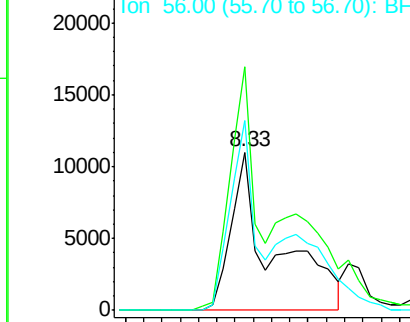
Tgt Ion:113 Resp: 35991  
 Ion Ratio Lower Upper  
 113 100  
 55 153.7 145.3 185.3  
 56 119.8 104.3 144.3

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



#36

4-Chloro-3-methylphenol

Concen: 43.09 ng

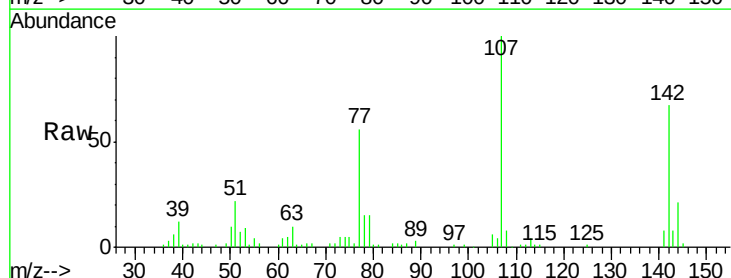
RT: 8.44 min Scan# 600

Delta R.T. -0.02 min

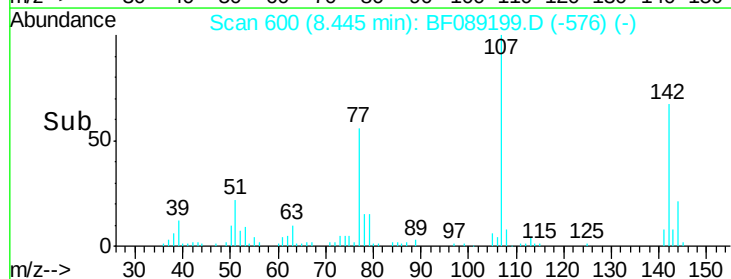
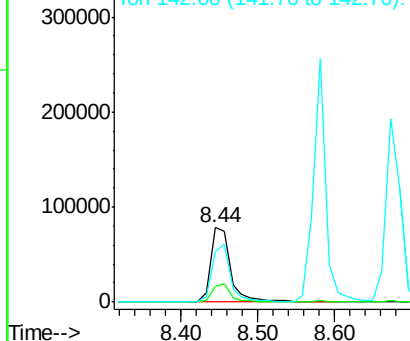
Lab File: BF089199.D

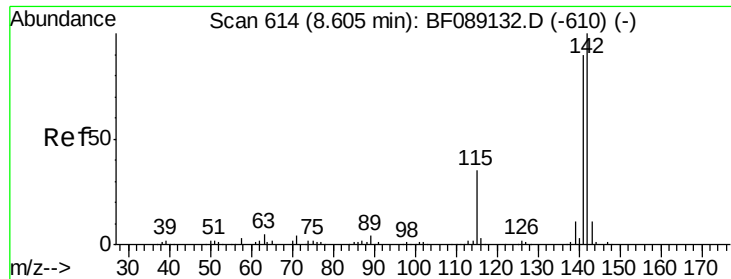
Acq: 22 Jul 2016 17:06

Tgt Ion:107 Resp: 140629  
 Ion Ratio Lower Upper  
 107 100  
 144 21.1 17.8 26.6  
 142 66.8 56.1 84.1



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





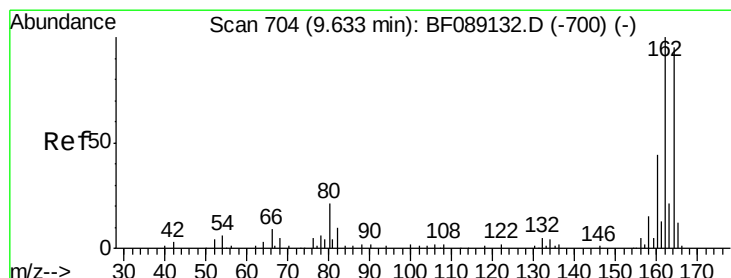
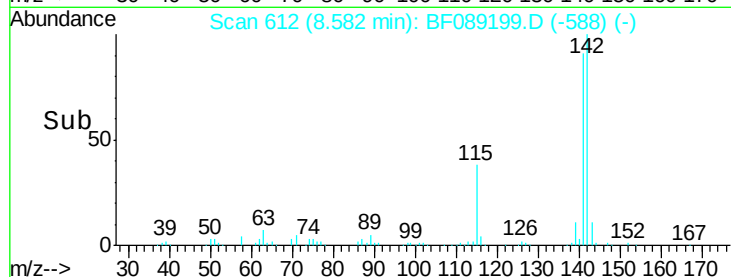
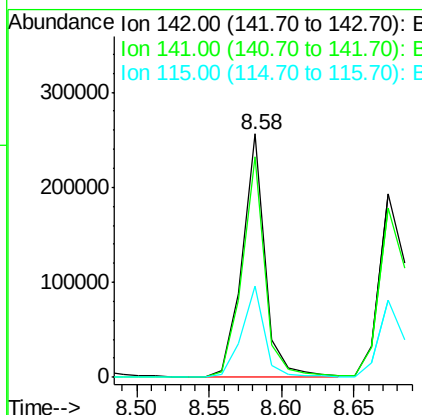
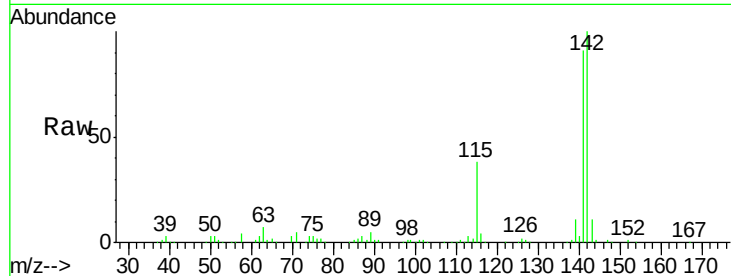
#37  
 2-Methylnaphthalene  
 Concen: 42.37 ng  
 RT: 8.58 min Scan# 612  
 Delta R.T. -0.02 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92344BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 281085 |       |       |
| 141     | 90.6  | 71.6   | 107.4 |       |
| 115     | 37.6  | 27.6   | 41.4  |       |

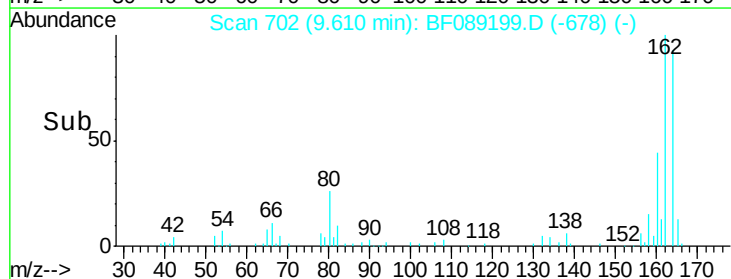
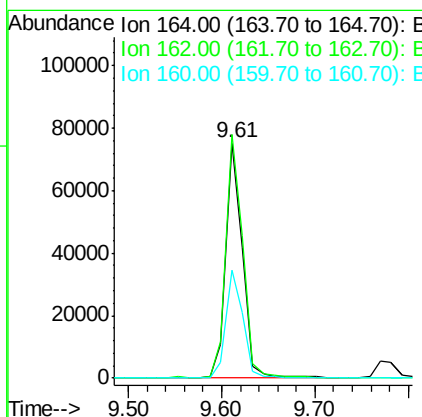
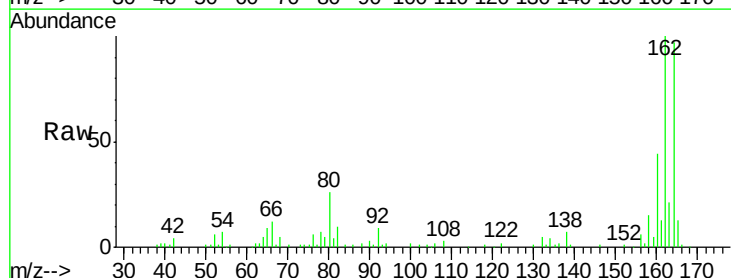
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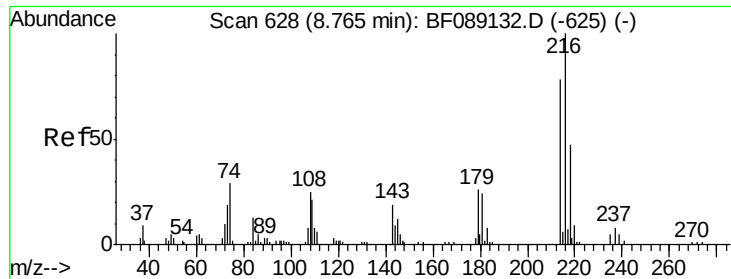
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#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.61 min Scan# 702  
 Delta R.T. -0.02 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 93023 |       |       |
| 162     | 103.5 | 84.1  | 126.1 |       |
| 160     | 45.9  | 37.1  | 55.7  |       |





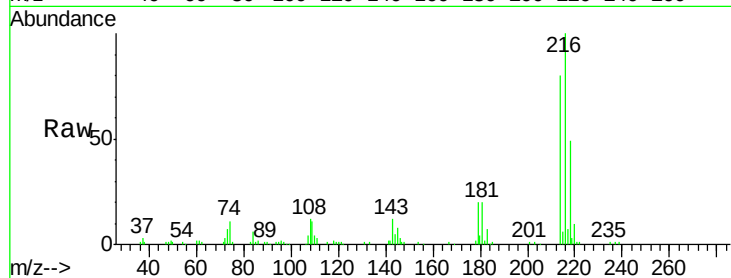
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 34.46 ng  
 RT: 8.75 min Scan# 627  
 Delta R.T. -0.01 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92344BS

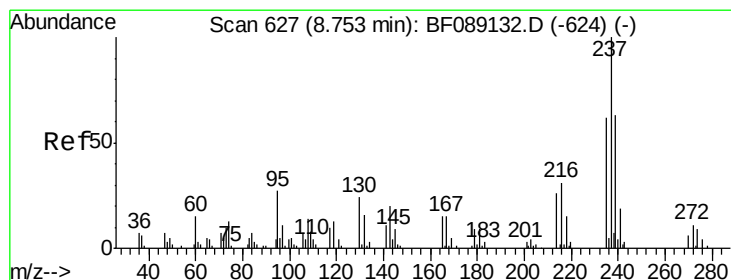
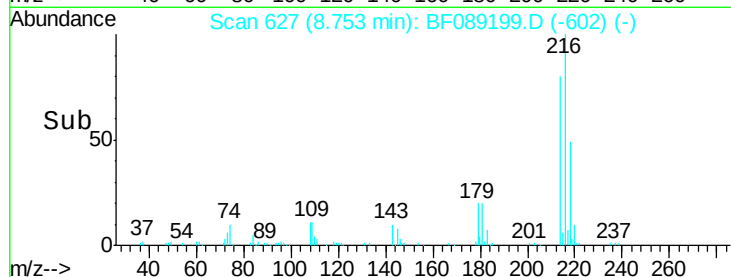
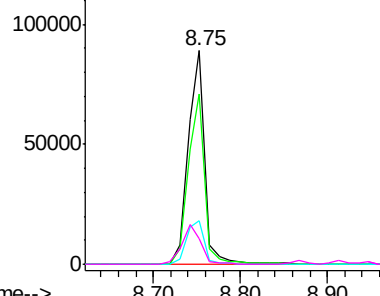
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 119132 |       |       |
| 214     | 79.4  | 61.9   | 92.9  |       |
| 179     | 22.4  | 18.4   | 27.6  |       |
| 108     | 21.5  | 17.0   | 25.6  |       |

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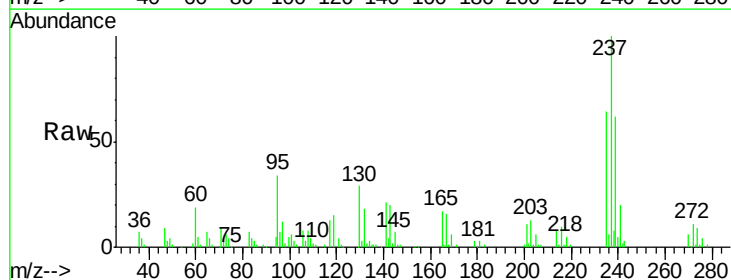


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

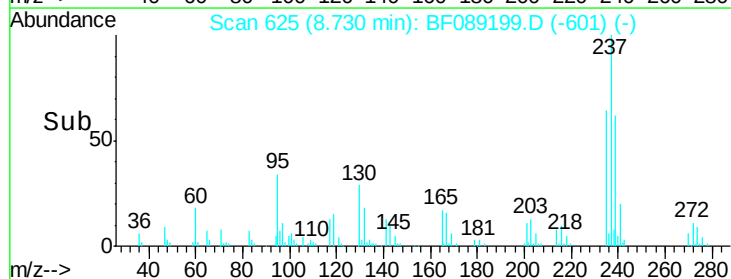
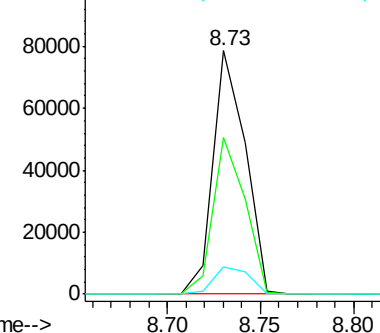


#40  
 Hexachlorocyclopentadiene  
 Concen: 81.20 ng  
 RT: 8.73 min Scan# 625  
 Delta R.T. -0.02 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

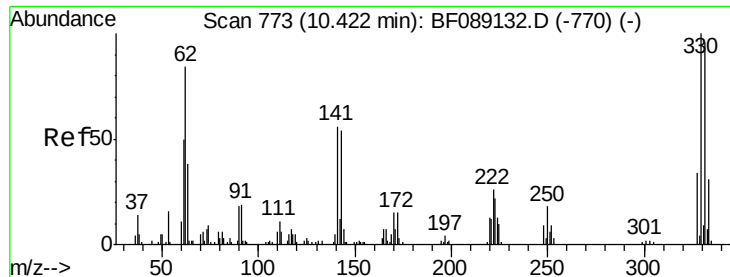
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 94158 |       |       |
| 235     | 64.1  | 42.1  | 82.1  |       |
| 272     | 11.4  | 0.0   | 31.4  |       |



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







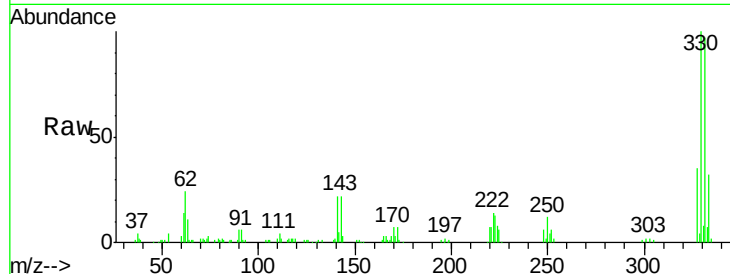
#41  
 2,4,6-Tribromophenol  
 Concen: 137.47 ng  
 RT: 10.41 min Scan# 772  
 Delta R.T. -0.01 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB92344BS

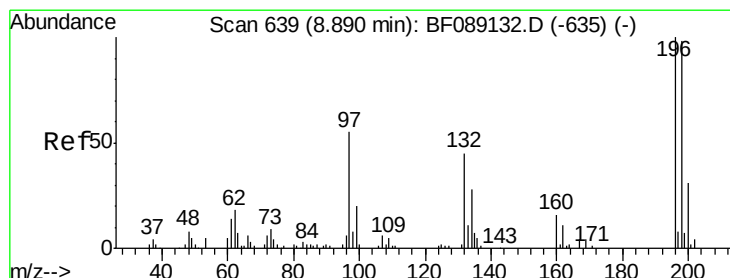
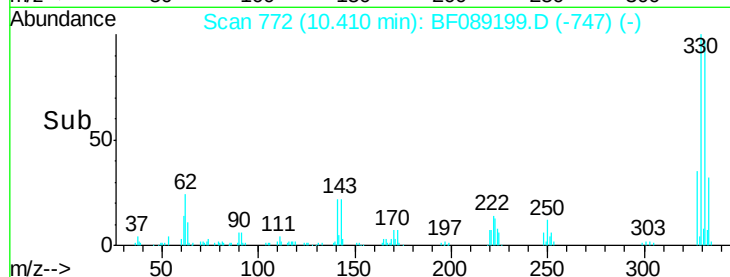
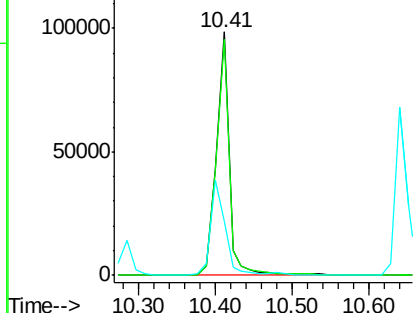
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 115130 |       |       |
| 332     | 97.7  | 77.2   | 115.8 |       |
| 141     | 45.1  | 42.2   | 63.2  |       |

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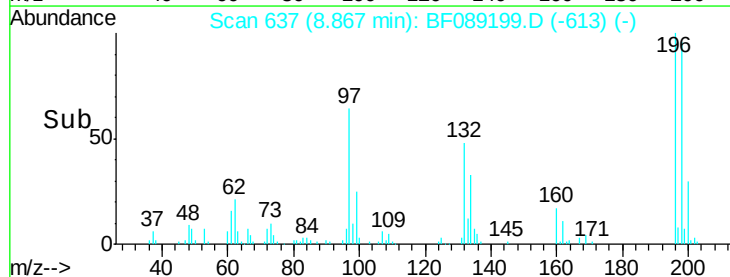
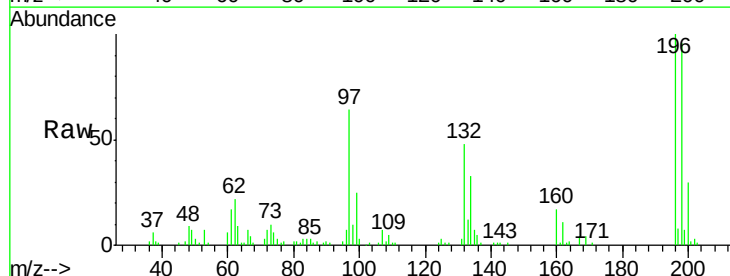
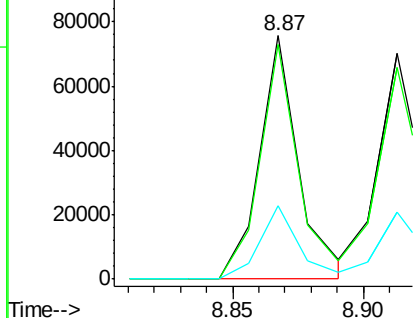
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

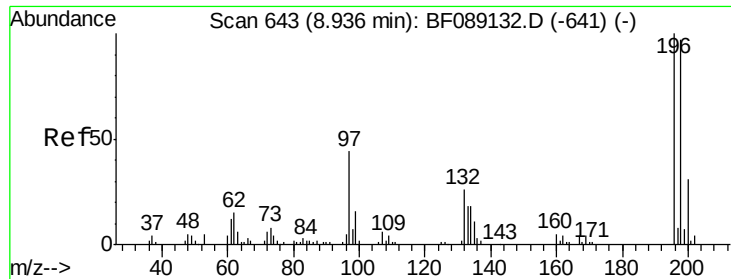


#42  
 2,4,6-Trichlorophenol  
 Concen: 40.85 ng  
 RT: 8.87 min Scan# 637  
 Delta R.T. -0.02 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 79062 |       |       |
| 198     | 96.2  | 78.3  | 117.5 |       |
| 200     | 30.3  | 25.0  | 37.4  |       |

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





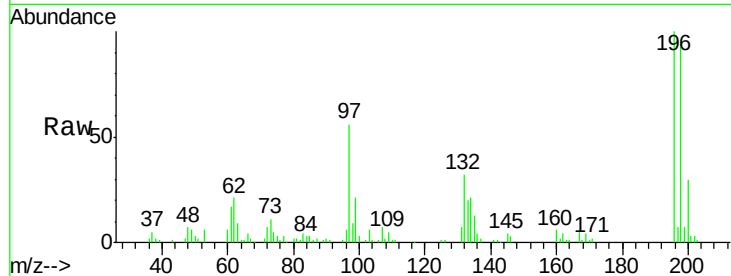
#43  
 2,4,5-Trichlorophenol  
 Concen: 48.11 ng  
 RT: 8.91 min Scan# 641  
 Delta R.T. -0.02 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92344BS

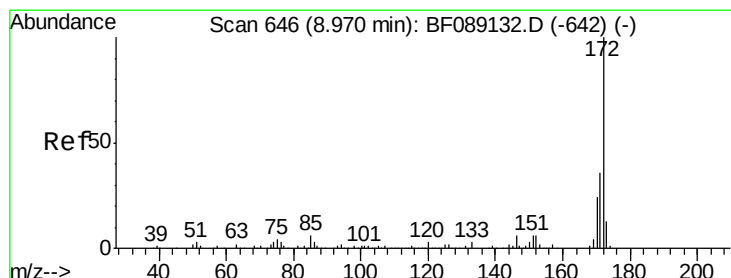
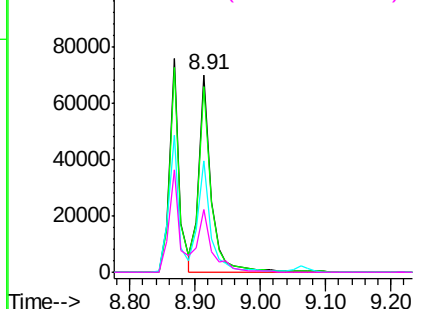
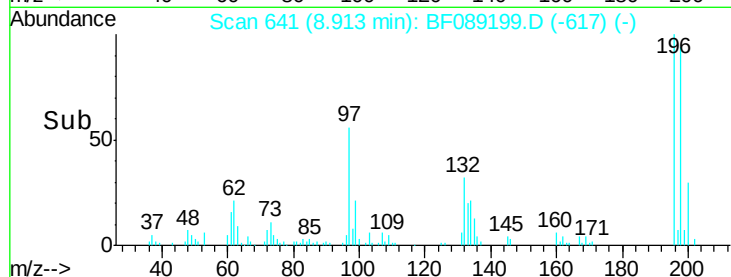
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 93445 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 94.0  | 77.6  | 116.4 |
| 97        | 56.4  | 36.5  | 54.7# |
| 132       | 31.5  | 21.2  | 31.8  |

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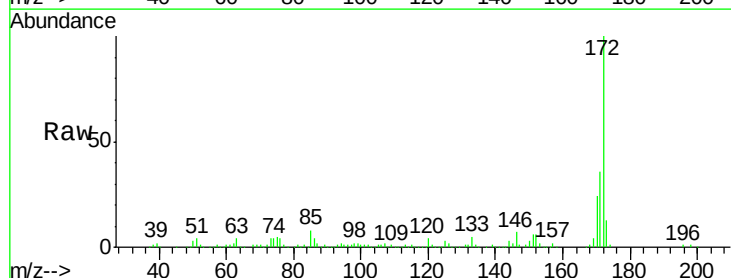


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

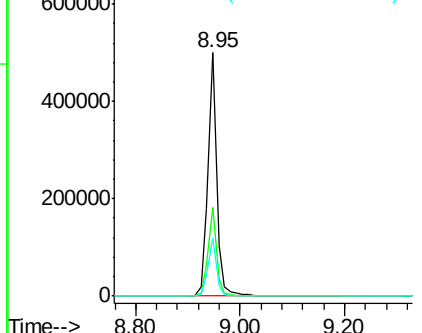
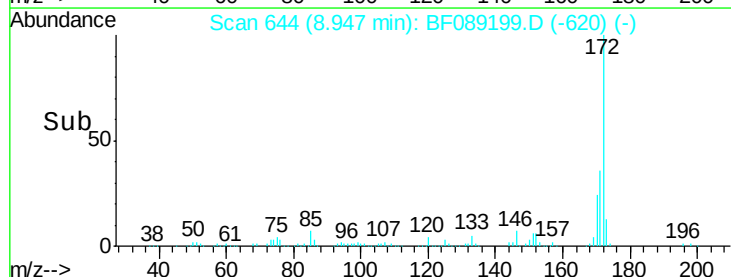


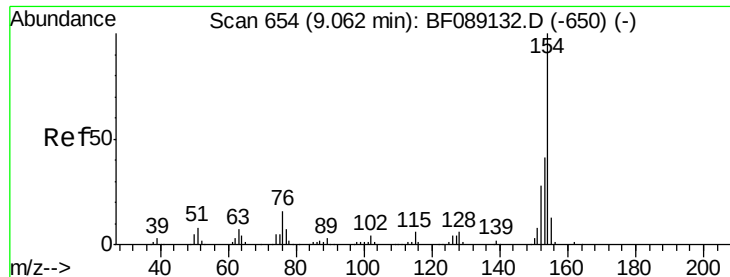
#44  
 2-Fluorobiphenyl  
 Concen: 86.21 ng  
 RT: 8.95 min Scan# 644  
 Delta R.T. -0.02 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 582075 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 36.3  | 29.2  | 43.8   |
| 170       | 23.8  | 19.1  | 28.7   |



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





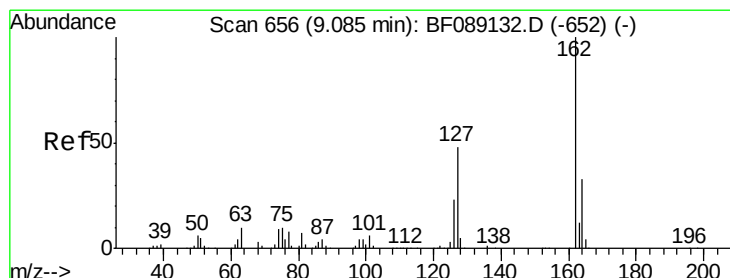
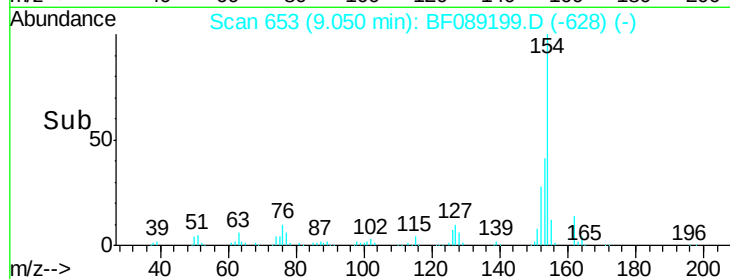
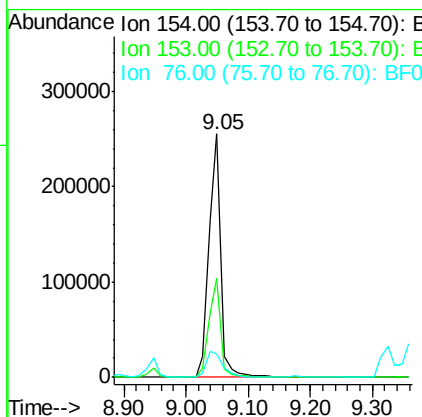
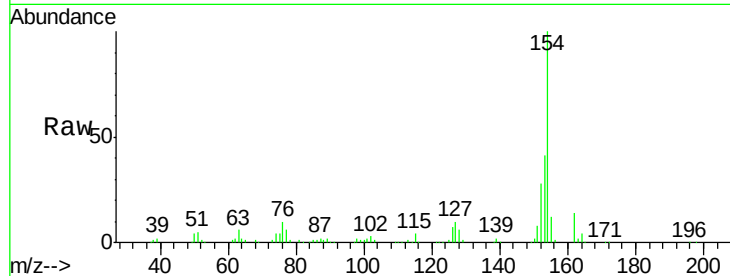
#45  
1,1'-Biphenyl  
Concen: 40.21 ng  
RT: 9.05 min Scan# 653  
Delta R.T. -0.01 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB92344BS

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 40.8  | 21.1 | 61.1  |       |
| 76      | 9.6   | 0.0  | 35.8  |       |

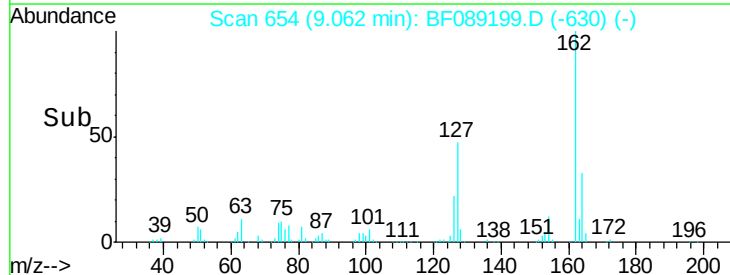
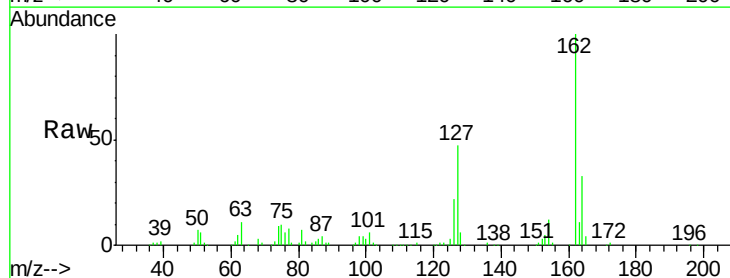
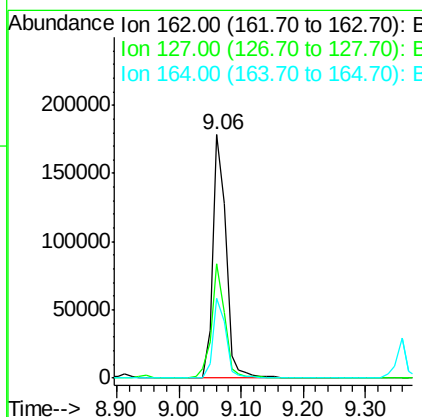
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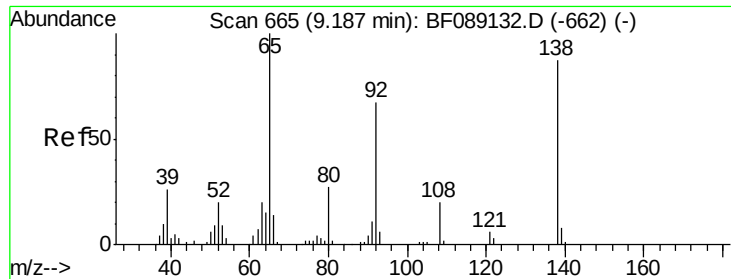
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#46  
2-Chloronaphthalene  
Concen: 40.76 ng  
RT: 9.06 min Scan# 654  
Delta R.T. -0.02 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 46.8  | 38.1 | 57.1  |       |
| 164     | 32.5  | 26.1 | 39.1  |       |





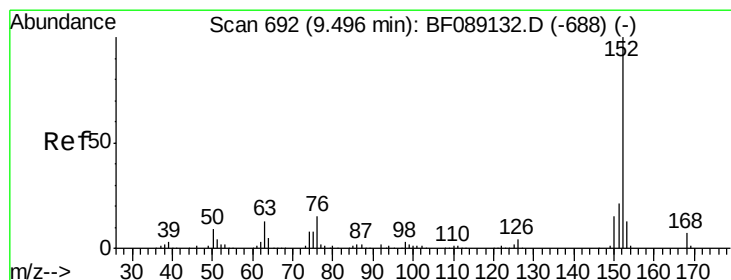
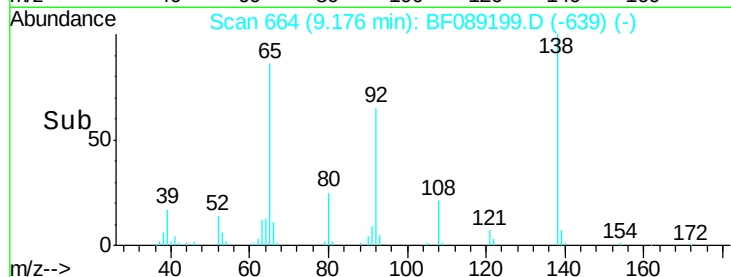
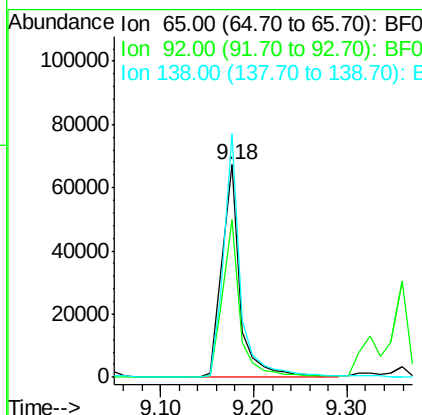
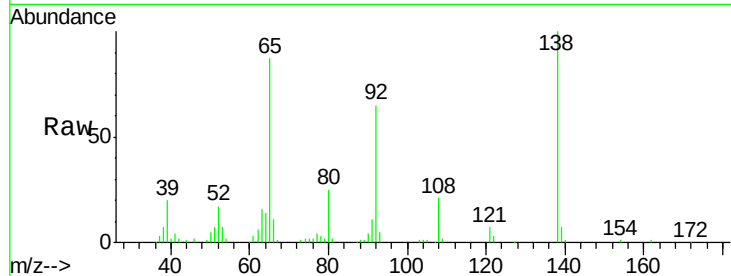
#47  
2-Nitroaniline  
Concen: 41.74 ng  
RT: 9.18 min Scan# 664  
Delta R.T. -0.01 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB92344BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 74.1  | 53.2  | 79.8  |
| 138     | 114.5 | 69.4  | 104.2 |

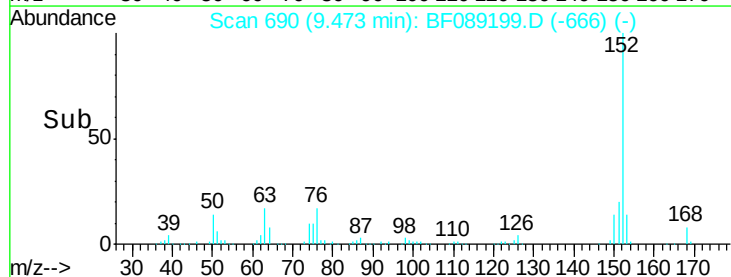
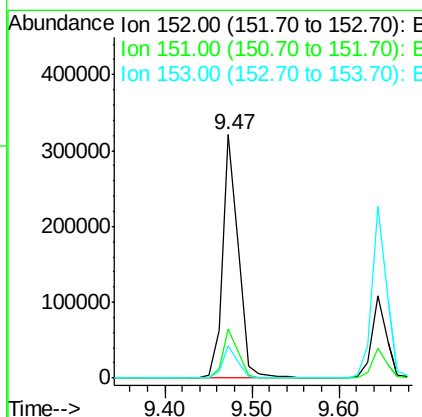
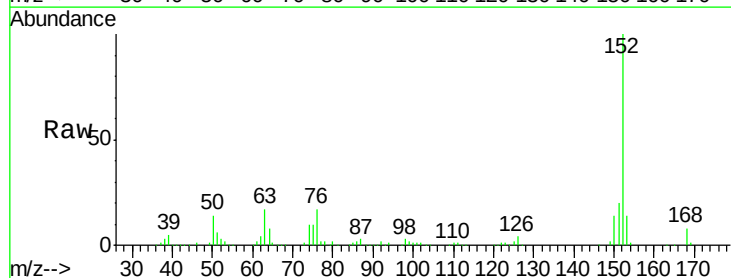
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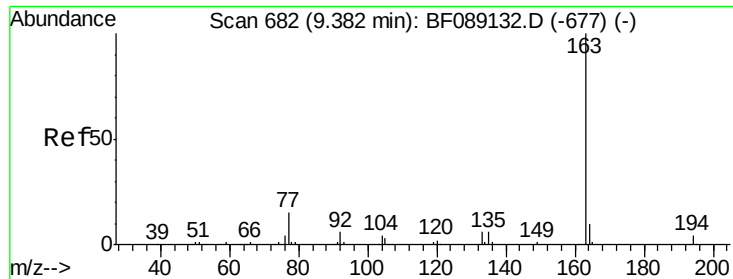
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#48  
Acenaphthylene  
Concen: 40.79 ng  
RT: 9.47 min Scan# 690  
Delta R.T. -0.02 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.3  | 16.5  | 24.7  |
| 153     | 13.5  | 10.7  | 16.1  |





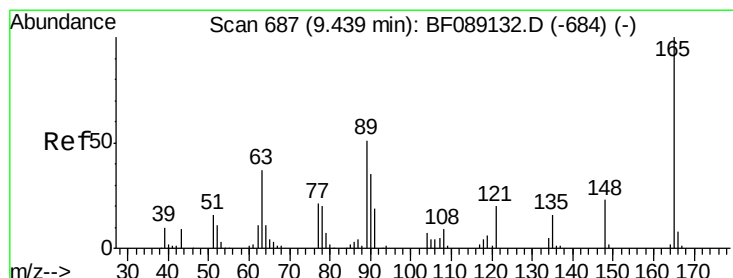
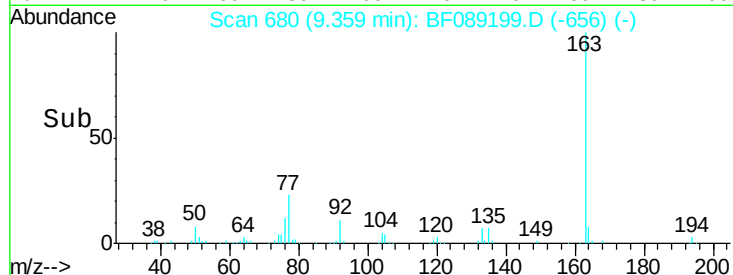
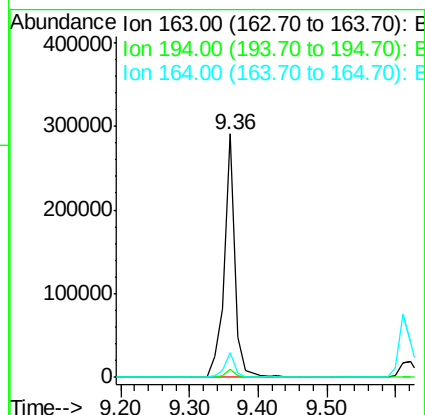
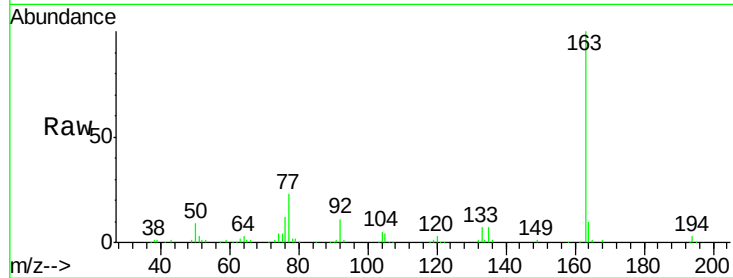
#49  
Dimethylphthalate  
Concen: 45.02 ng  
RT: 9.36 min Scan# 680  
Delta R.T. -0.02 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB92344BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.1   | 2.9        | 4.3        |
| 164     | 10.1  | 7.6        | 11.4       |

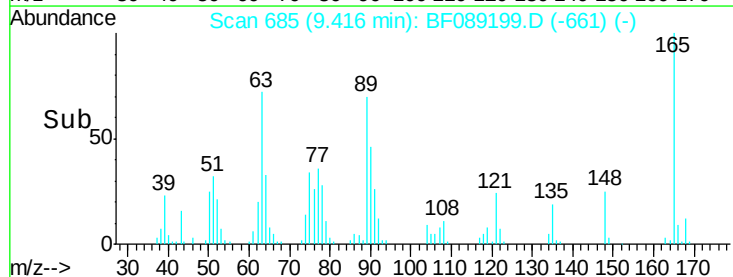
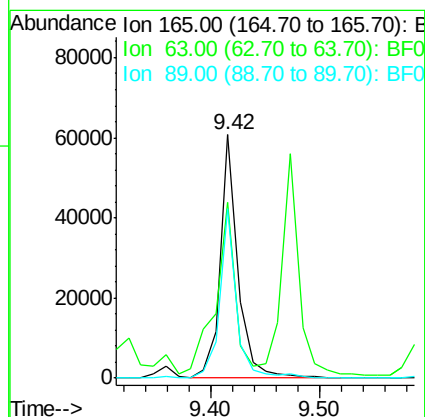
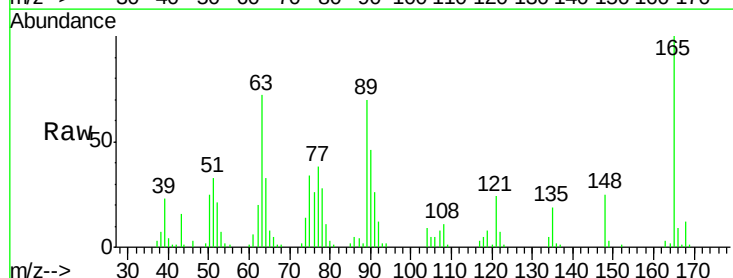
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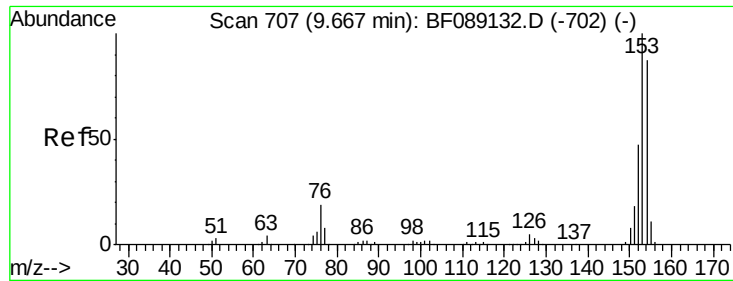
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#50  
2,6-Dinitrotoluene  
Concen: 43.16 ng  
RT: 9.42 min Scan# 685  
Delta R.T. -0.02 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 72.1  | 37.0       | 55.4#      |
| 89      | 69.6  | 40.9       | 61.3#      |





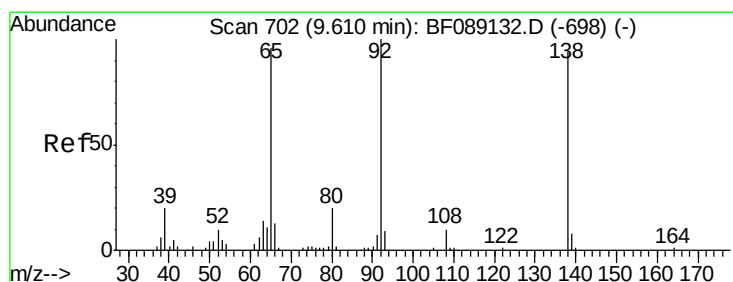
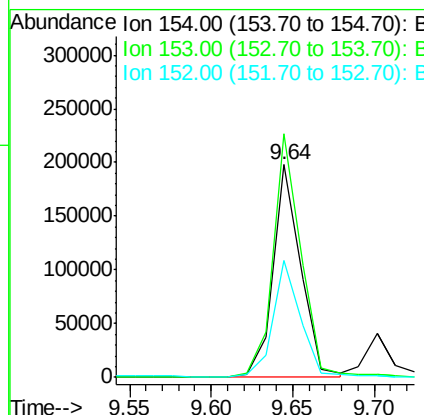
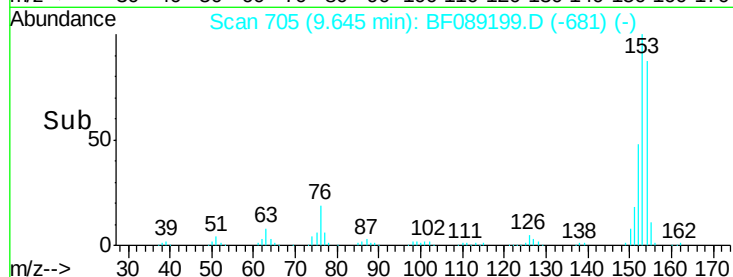
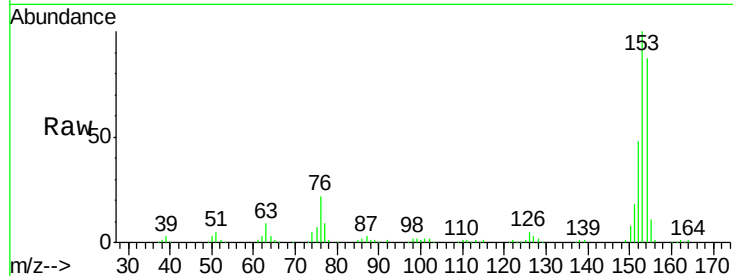
#51  
Acenaphthene  
Concen: 39.43 ng  
RT: 9.64 min Scan# 705  
Delta R.T. -0.02 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB92344BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 233452 |       |       |
| 153     | 114.4 | 91.9   | 137.9 |       |
| 152     | 54.9  | 42.8   | 64.2  |       |

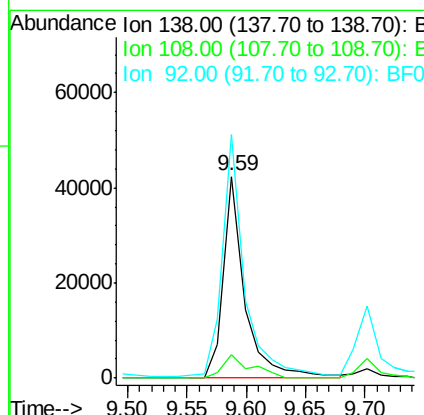
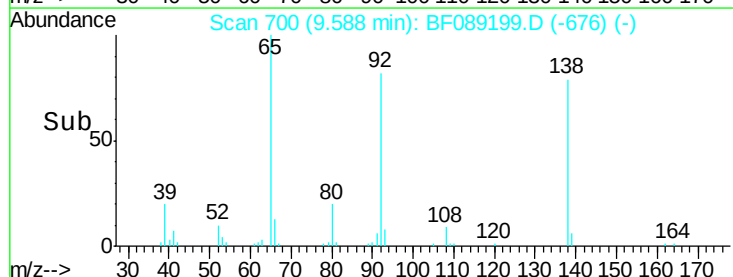
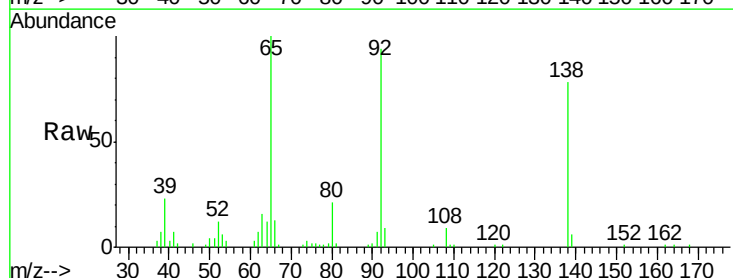
Manual Integrations  
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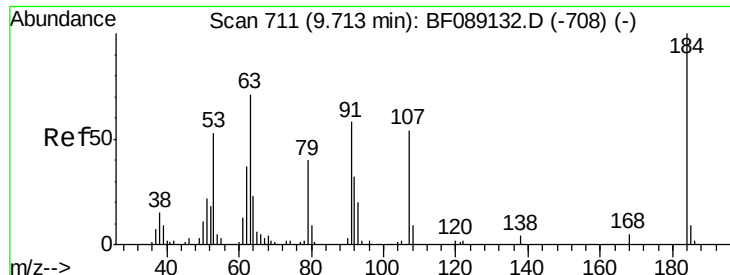
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#52  
3-Nitroaniline  
Concen: 27.74 ng  
RT: 9.59 min Scan# 700  
Delta R.T. -0.02 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

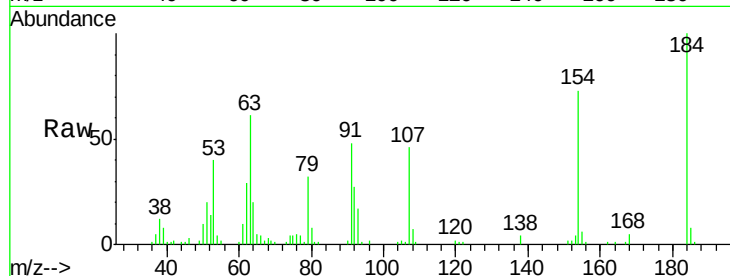
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 53096 |       |       |
| 108     | 11.7  | 8.8   | 13.2  |       |
| 92      | 120.7 | 85.3  | 127.9 |       |





#53  
2,4-Dinitrophenol  
Concen: 79.59 ng  
RT: 9.70 min Scan# 710  
Delta R.T. -0.01 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

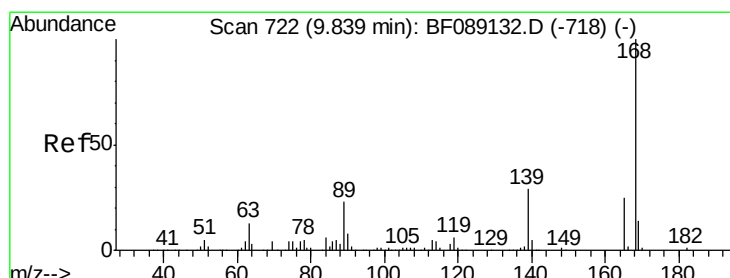
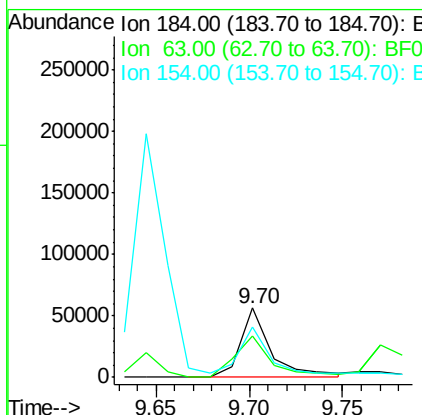
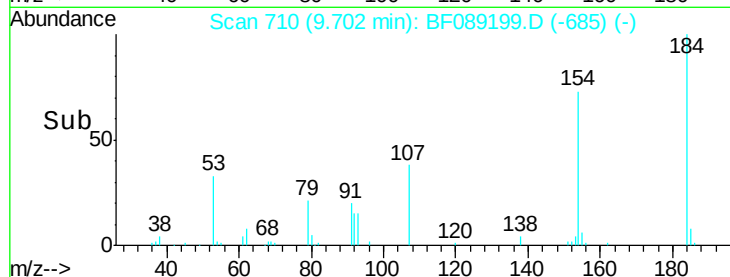
Instrument :  
BNA\_F  
ClientSampleId :  
PB92344BS



Tgt Ion:184 Resp: 65379  
Ion Ratio Lower Upper  
184 100  
63 60.6 60.3 90.5  
154 73.2 60.7 91.1

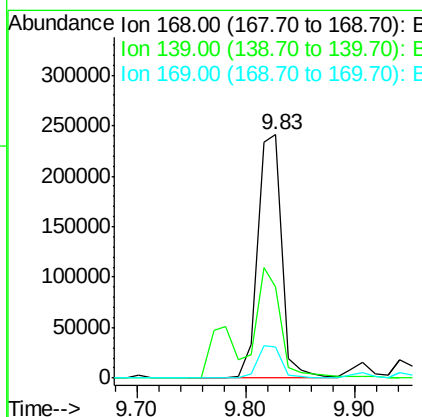
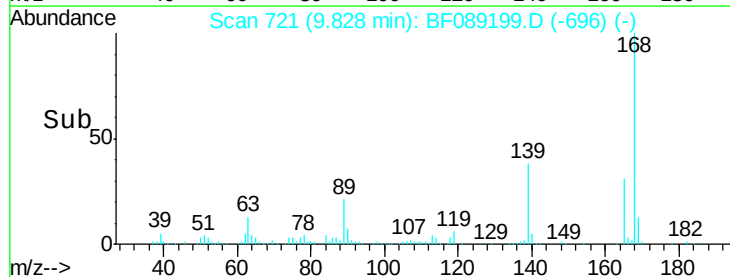
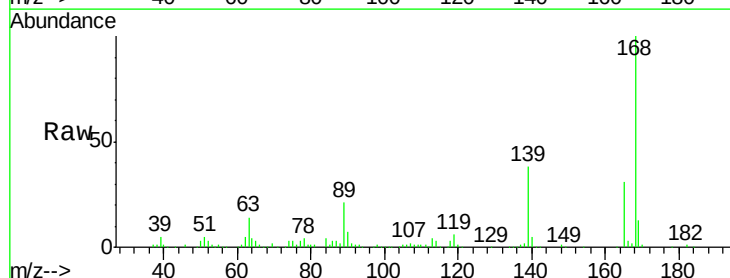
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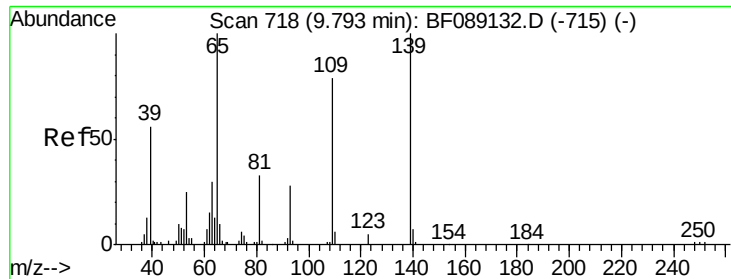
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#54  
Dibenzofuran  
Concen: 46.85 ng  
RT: 9.83 min Scan# 721  
Delta R.T. -0.01 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

Tgt Ion:168 Resp: 374800  
Ion Ratio Lower Upper  
168 100  
139 37.7 34.4 51.6  
169 12.5 10.8 16.2





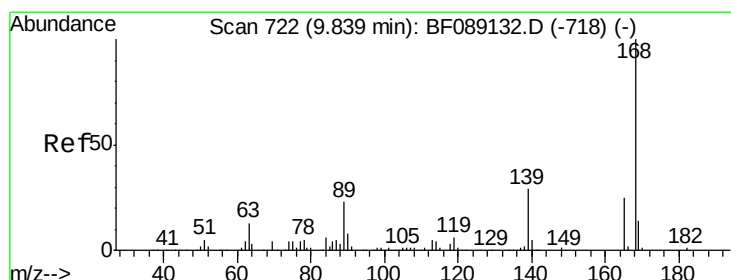
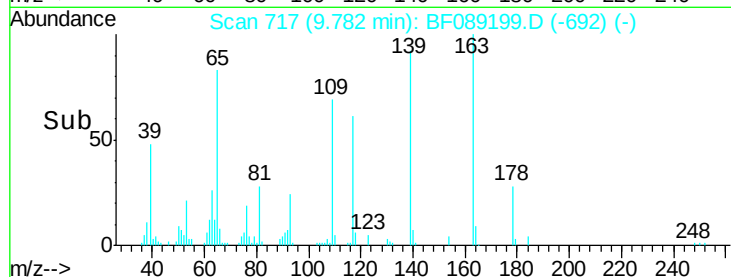
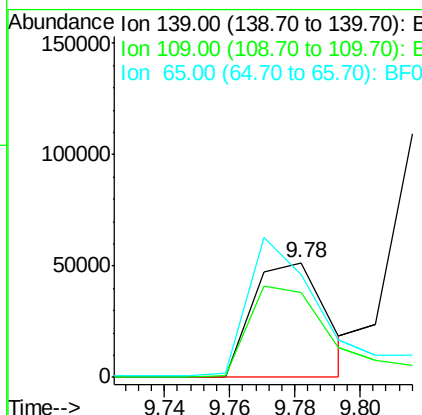
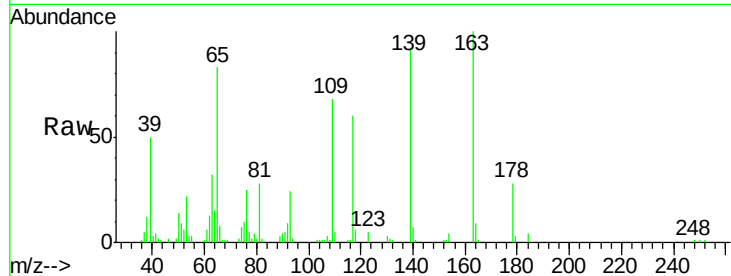
#55  
4-Nitrophenol  
Concen: 69.46 ng  
RT: 9.78 min Scan# 717  
Delta R.T. -0.01 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

Instrument :  
BNA\_F  
ClientSampled :  
PB92344BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 80436 |       |       |
| 109     | 74.2  | 58.7  | 98.7  |       |
| 65      | 90.2  | 80.2  | 120.2 |       |

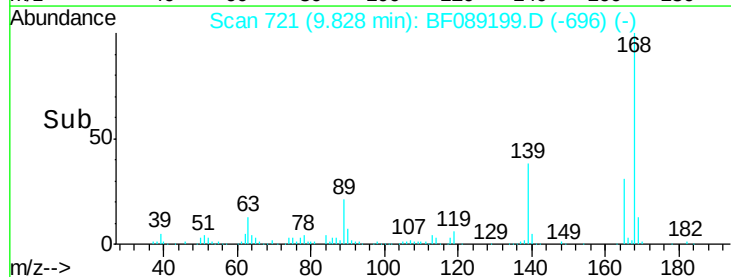
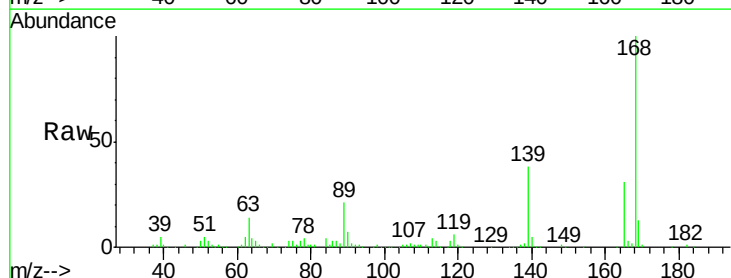
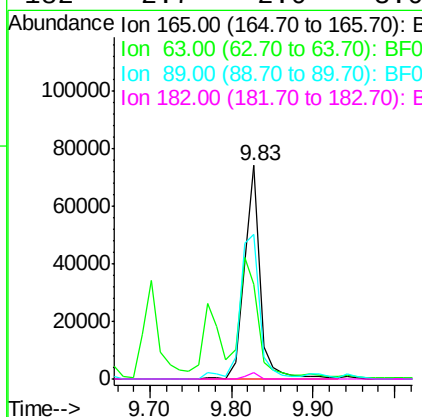
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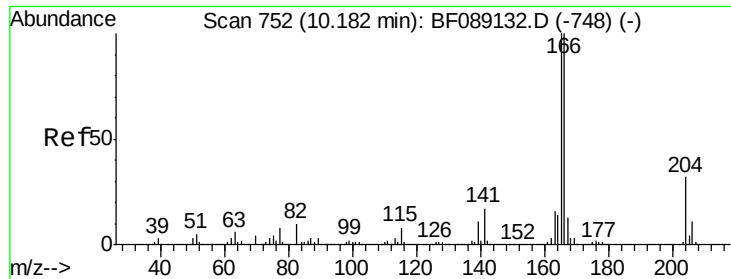


#56  
2,4-Dinitrotoluene  
Concen: 47.05 ng  
RT: 9.83 min Scan# 721  
Delta R.T. -0.01 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 165     | 100   | 97670 |        |       |
| 63      | 44.5  | 55.4  | 83.2#  |       |
| 89      | 67.6  | 74.3  | 111.5# |       |
| 182     | 2.7   | 2.0   | 3.0    |       |







#57

Fluorene

Concen: 41.52 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA\_F

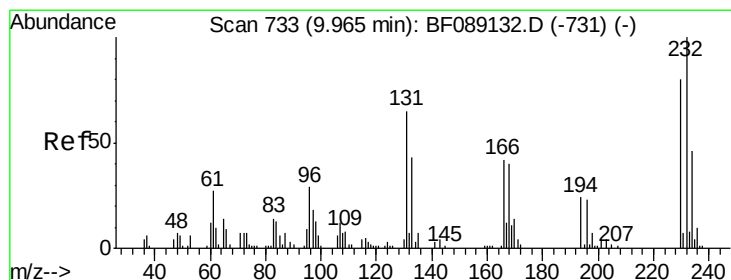
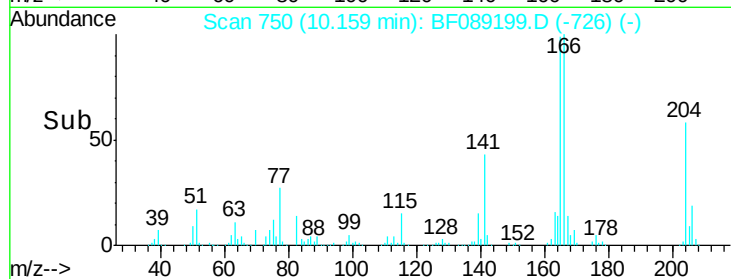
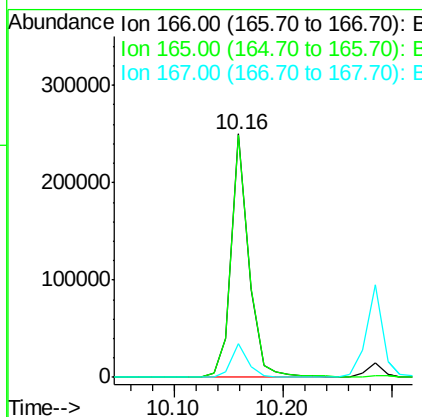
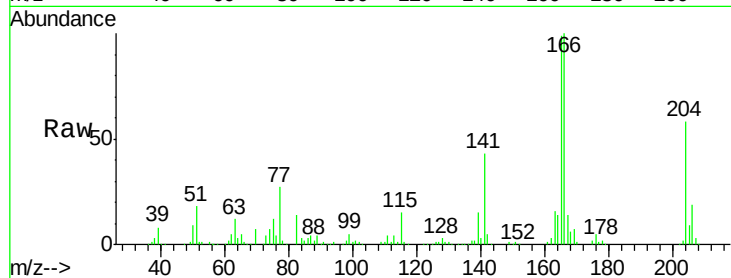
ClientSampleId :

PB92344BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 281948 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 99.3  | 79.9  | 119.9  |
| 167       | 13.8  | 10.7  | 16.1   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 51.01 ng

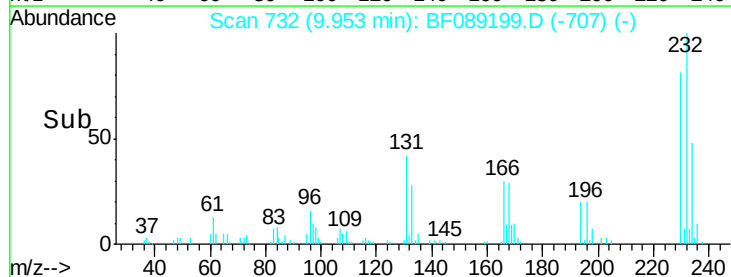
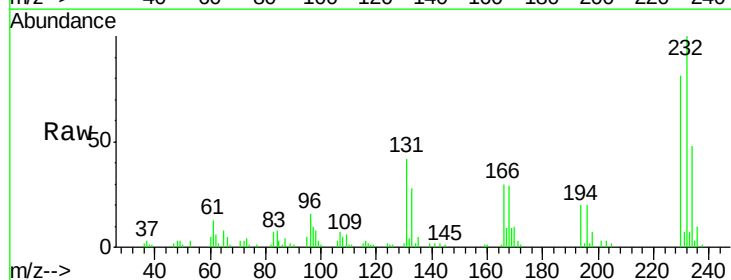
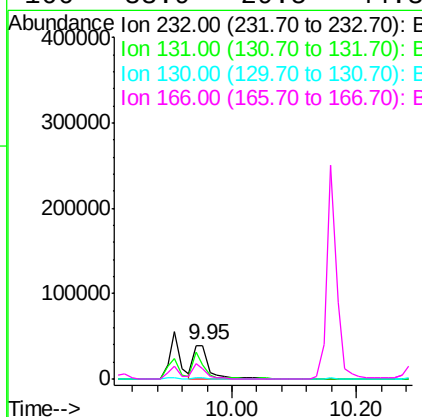
RT: 9.95 min Scan# 732

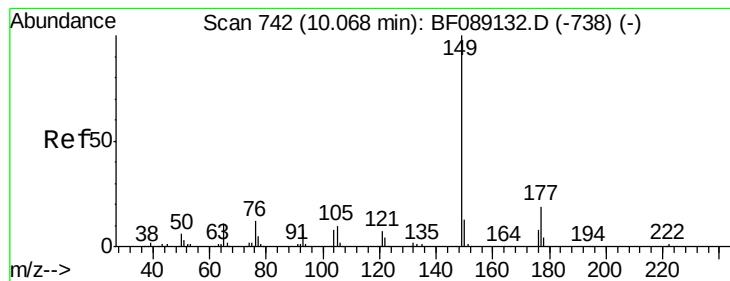
Delta R.T. -0.01 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 71162 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 57.0  | 46.2  | 69.2  |
| 130       | 2.5   | 2.3   | 3.5   |
| 166       | 33.9  | 29.5  | 44.3  |





#59

Diethylphthalate

Concen: 49.13 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA\_F

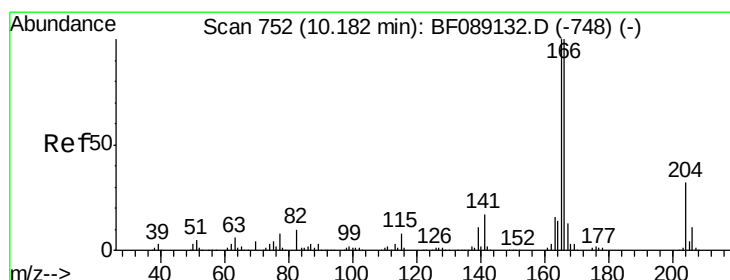
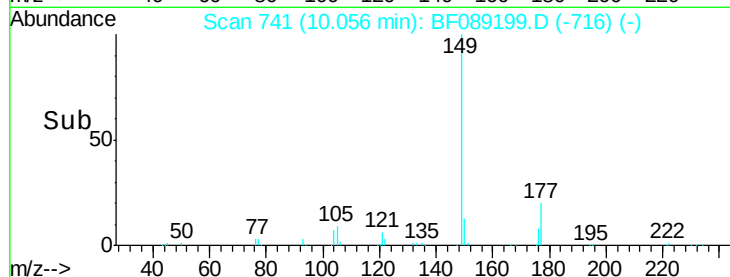
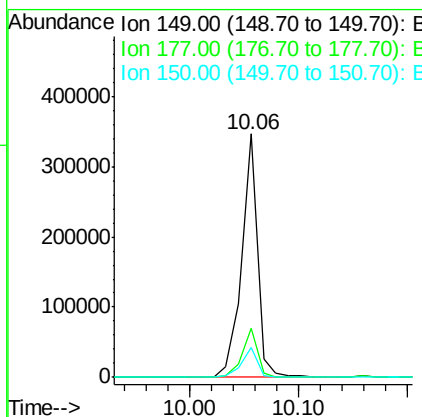
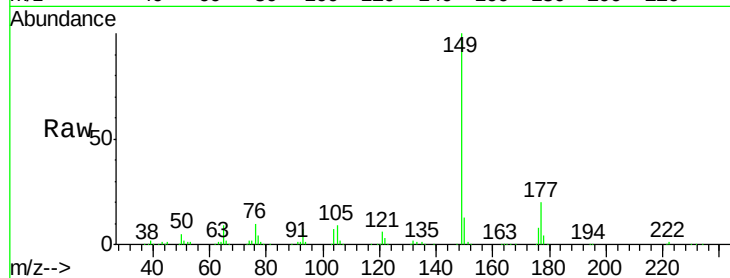
ClientSampleId :

PB92344BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 347762 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 20.3  | 15.6  | 23.4   |
| 150       | 12.5  | 10.1  | 15.1   |

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#60

4-Chlorophenyl-phenylether

Concen: 44.59 ng

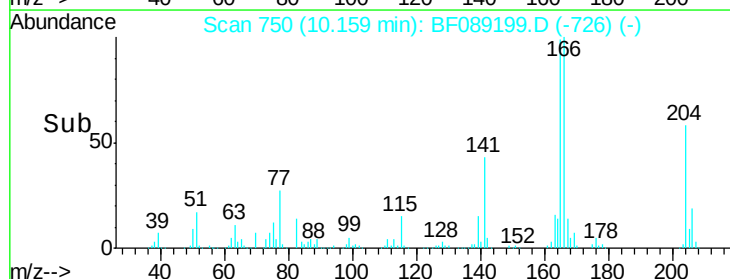
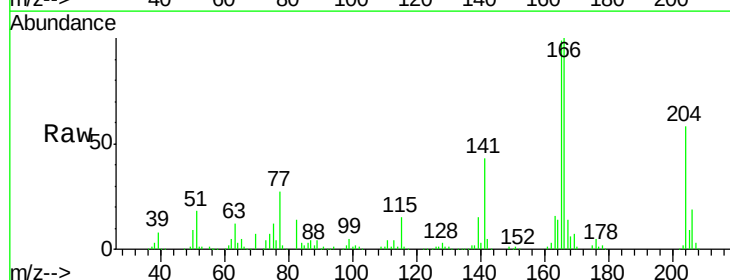
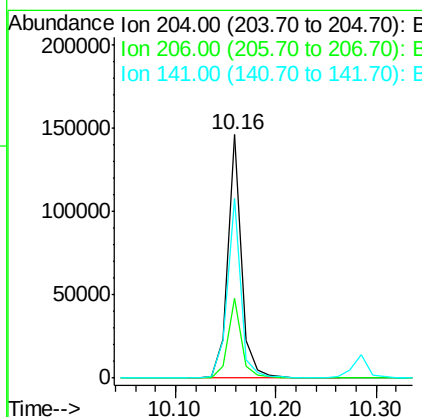
RT: 10.16 min Scan# 750

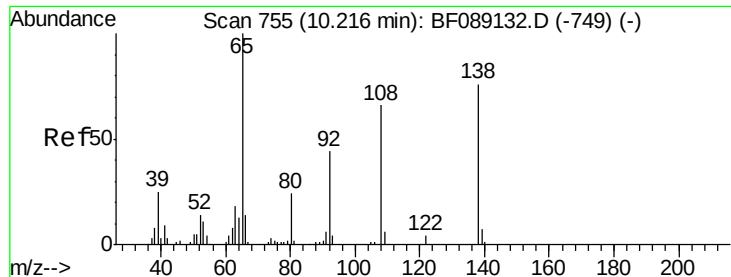
Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 138228 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.8  | 26.2  | 39.4   |
| 141       | 73.7  | 42.2  | 63.4#  |





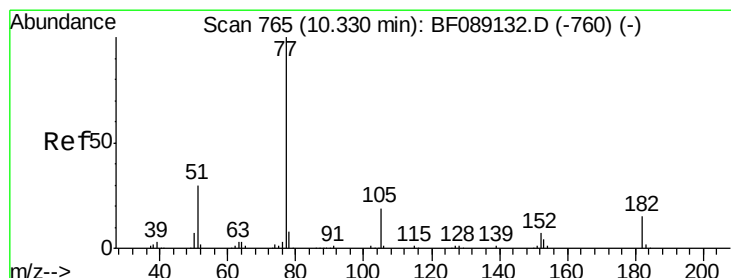
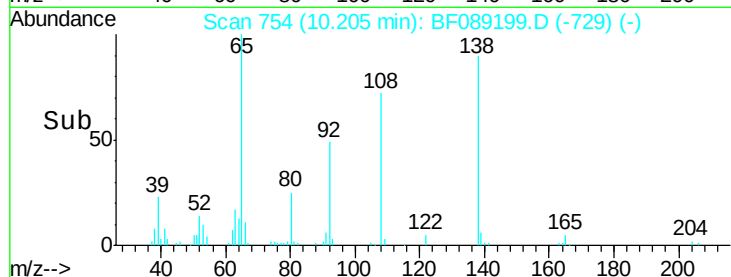
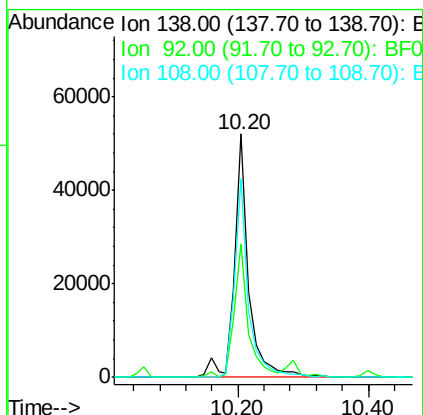
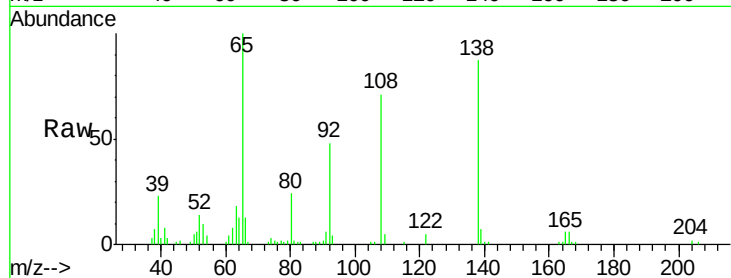
#61  
4-Nitroaniline  
Concen: 42.20 ng  
RT: 10.20 min Scan# 754  
Delta R.T. -0.01 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

Instrument :  
BNA\_F  
ClientSampled :  
PB92344BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 54.9  | 37.2  | 77.2  |
| 108     | 81.5  | 66.1  | 106.1 |

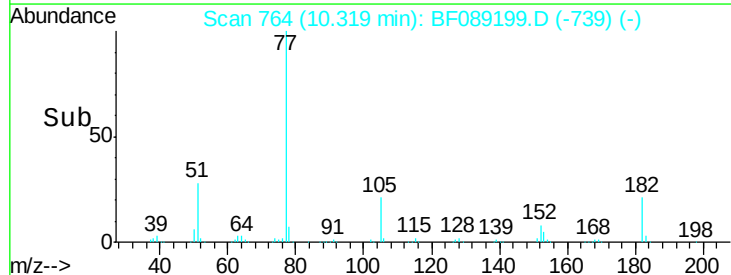
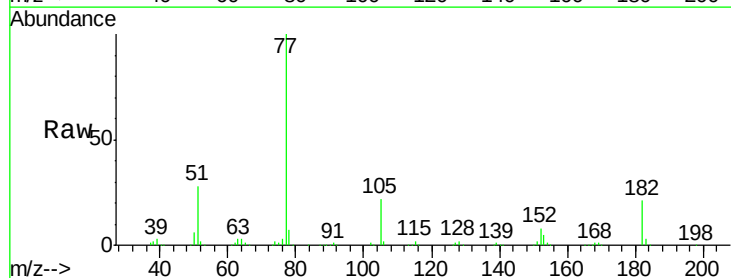
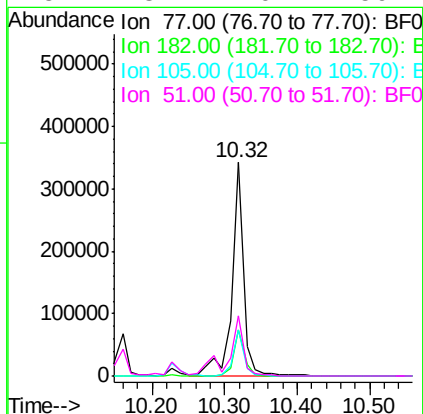
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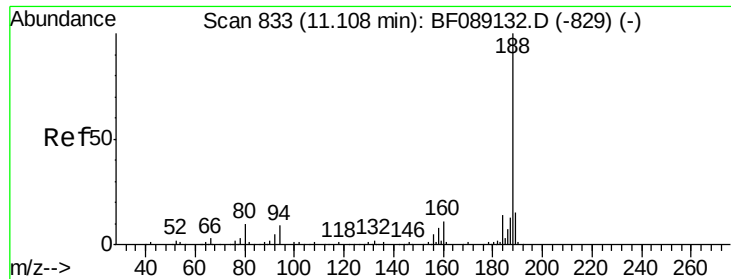
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#62  
Azobenzene  
Concen: 49.74 ng  
RT: 10.32 min Scan# 764  
Delta R.T. -0.01 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 21.3  | 0.0   | 35.0  |
| 105     | 21.8  | 0.0   | 39.4  |
| 51      | 28.2  | 10.7  | 50.7  |





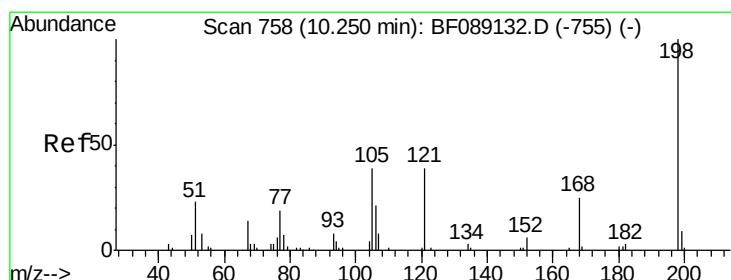
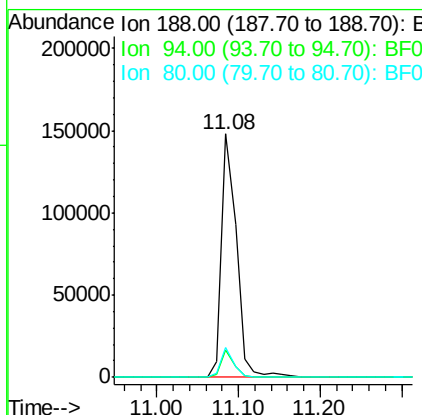
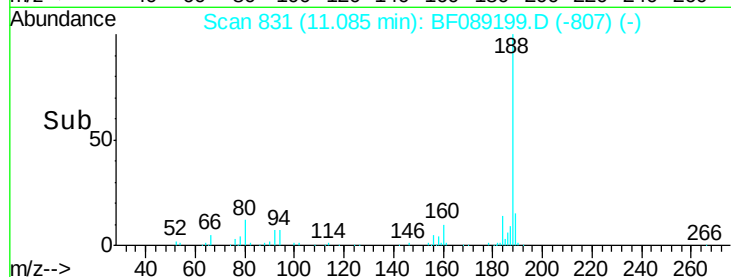
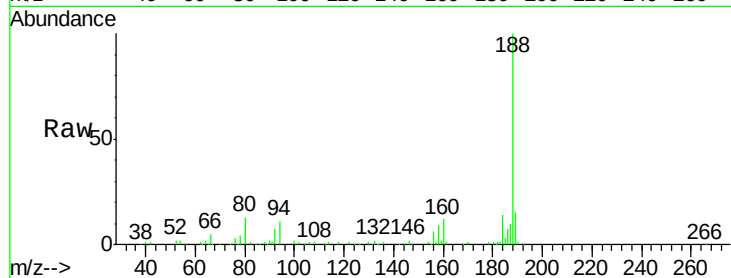
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.08 min Scan# 831  
Delta R.T. -0.02 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB92344BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 187862 |       |       |
| 94      | 11.5  | 7.0    | 10.4# |       |
| 80      | 12.5  | 7.7    | 11.5# |       |

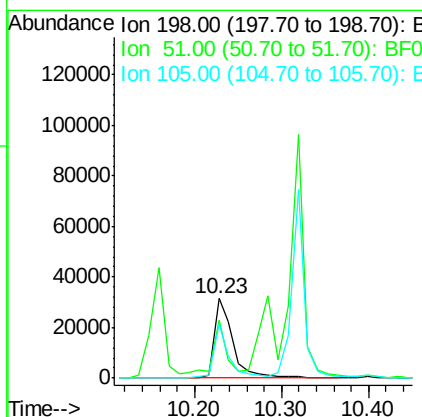
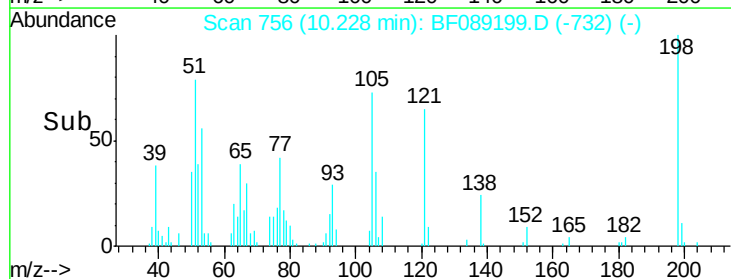
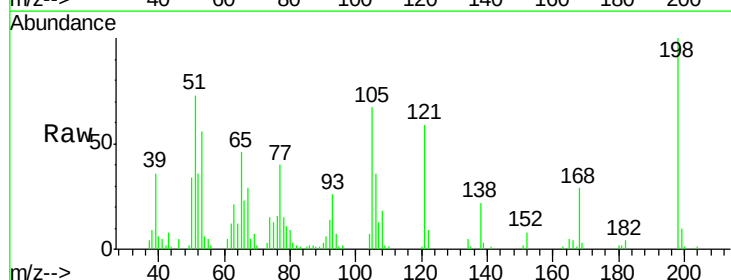
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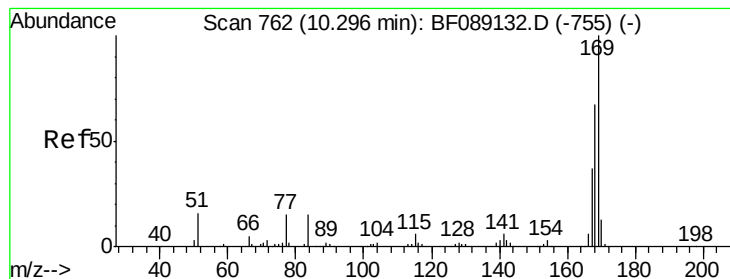
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 43.05 ng  
RT: 10.23 min Scan# 756  
Delta R.T. -0.02 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 47085 |       |       |
| 51      | 72.9  | 11.7  | 51.7# |       |
| 105     | 67.5  | 20.3  | 60.3# |       |





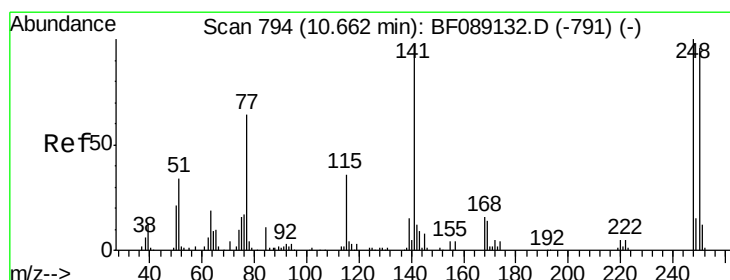
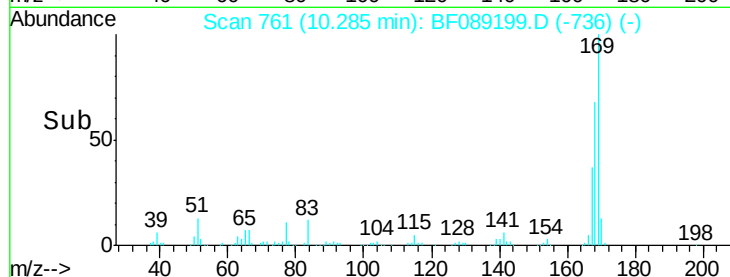
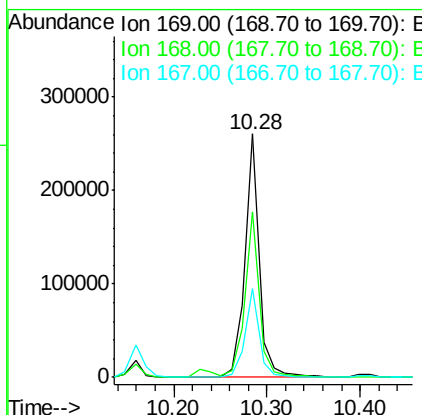
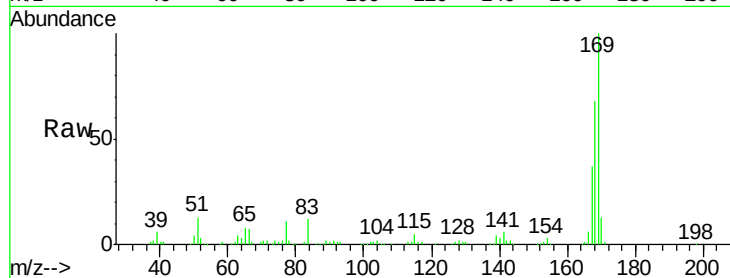
#65  
n-Nitrosodiphenylamine  
Concen: 44.48 ng  
RT: 10.28 min Scan# 761  
Delta R.T. -0.01 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB92344BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 279270 |       |       |
| 168     | 68.0  | 53.4   | 80.0  |       |
| 167     | 36.7  | 29.5   | 44.3  |       |

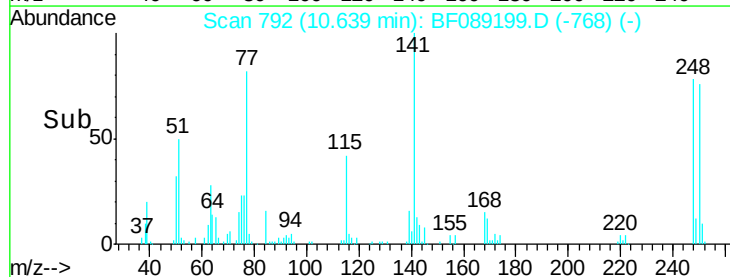
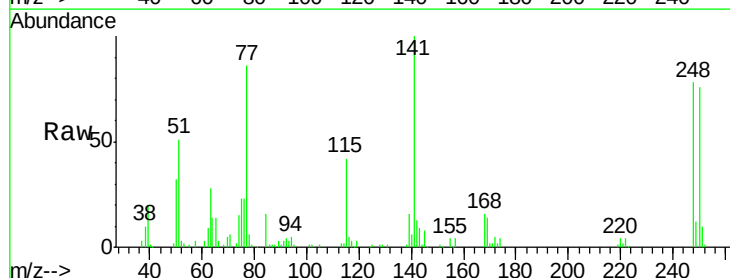
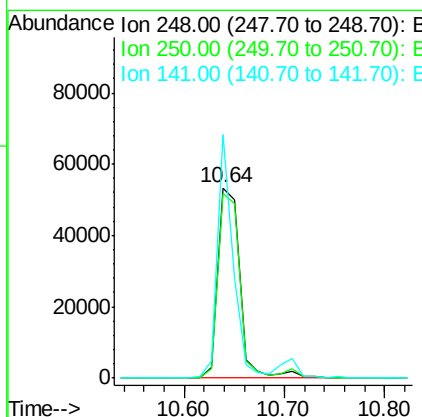
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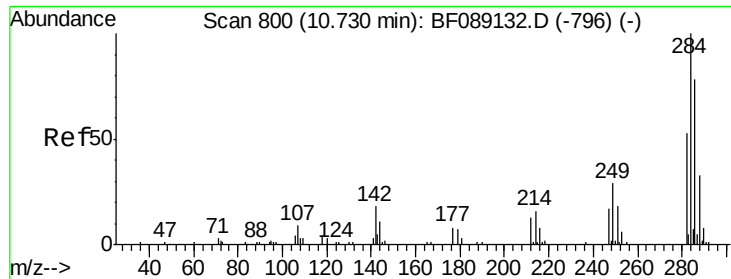
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#66  
4-Bromophenyl-phenylether  
Concen: 43.50 ng  
RT: 10.64 min Scan# 792  
Delta R.T. -0.02 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 80869 |       |       |
| 250     | 97.0  | 76.9  | 115.3 |       |
| 141     | 128.3 | 77.4  | 116.2 |       |





#67

Hexachlorobenzene

Concen: 42.42 ng

RT: 10.71 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA\_F

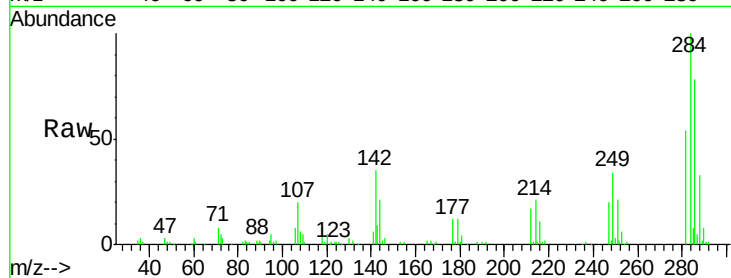
ClientSampleId :

PB92344BS

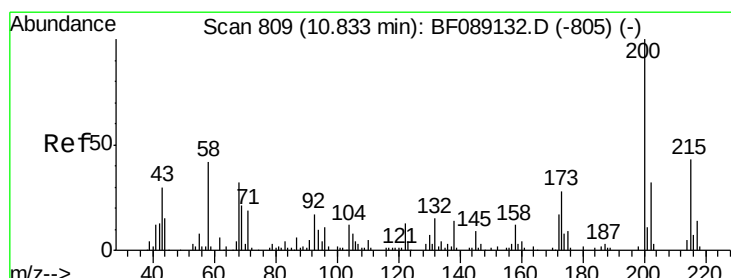
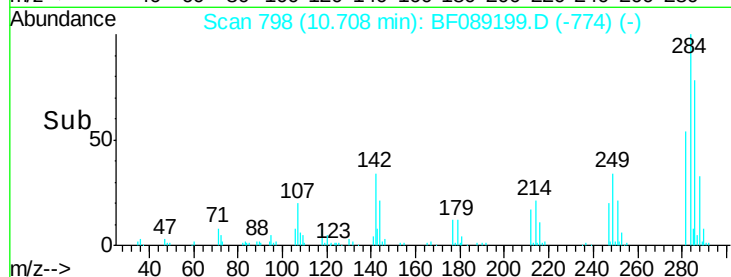
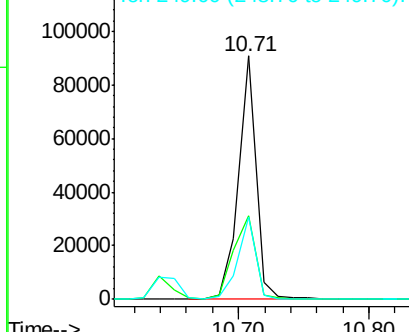
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 284     | 100   | 84817 |       |       |
| 142     | 34.5  | 14.1  | 21.1# |       |
| 249     | 33.6  | 23.0  | 34.4  |       |

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



#68

Atrazine

Concen: 41.08 ng

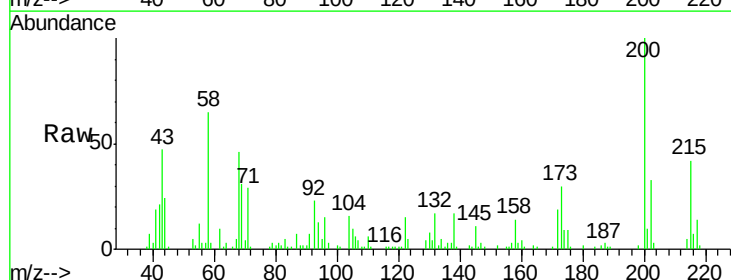
RT: 10.81 min Scan# 807

Delta R.T. -0.02 min

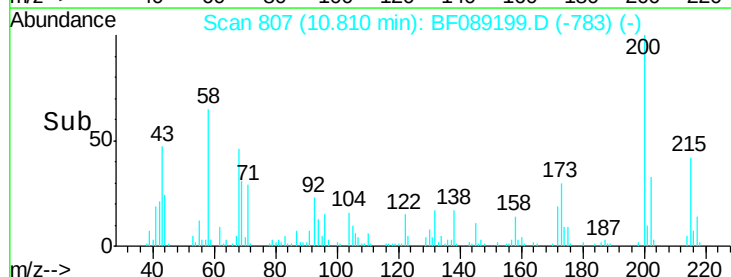
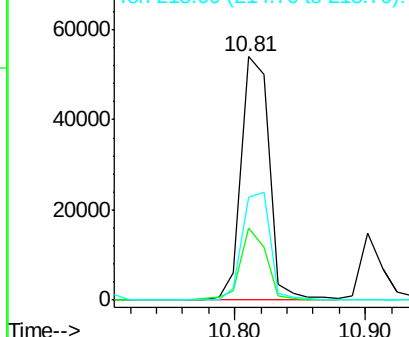
Lab File: BF089199.D

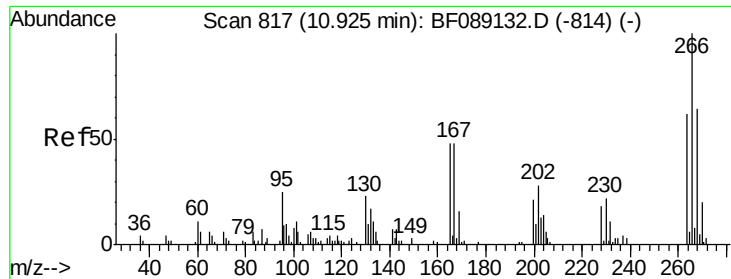
Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 80654 |       |       |
| 173     | 29.5  | 7.8   | 47.8  |       |
| 215     | 42.5  | 22.9  | 62.9  |       |



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





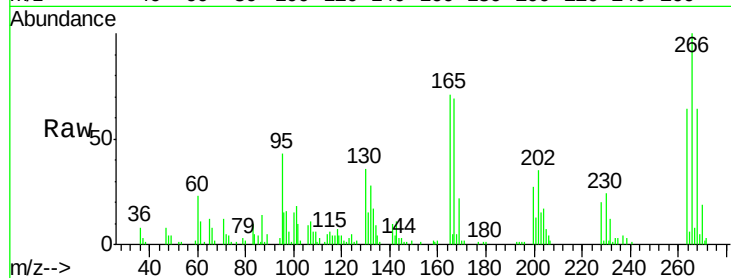
#69  
 Pentachlorophenol  
 Concen: 87.97 ng  
 RT: 10.90 min Scan# 815  
 Delta R.T. -0.02 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92344BS

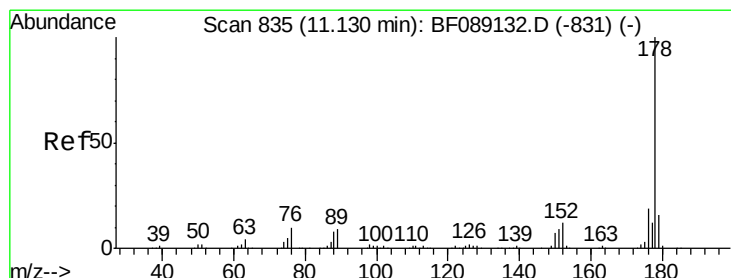
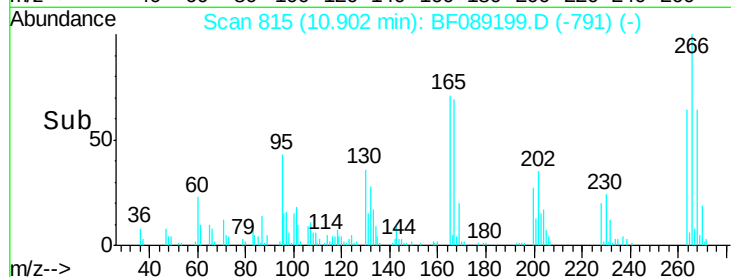
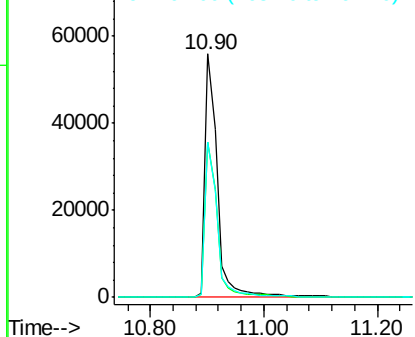
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 81152 |       |       |
| 268     | 64.0  | 51.2  | 76.8  |       |
| 264     | 63.6  | 49.7  | 74.5  |       |

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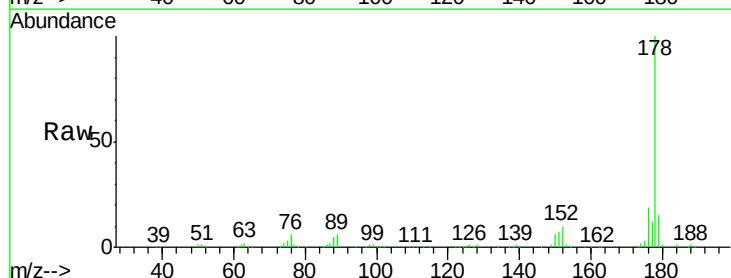


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

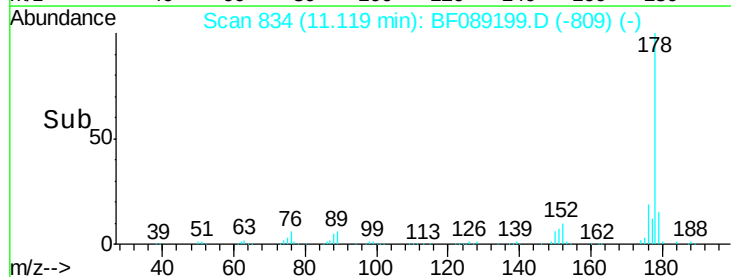
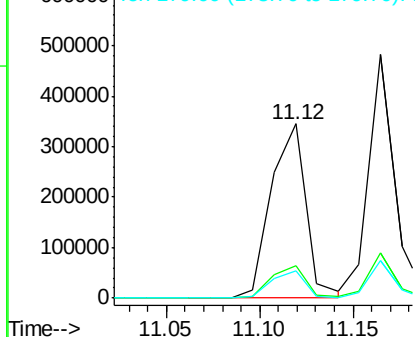


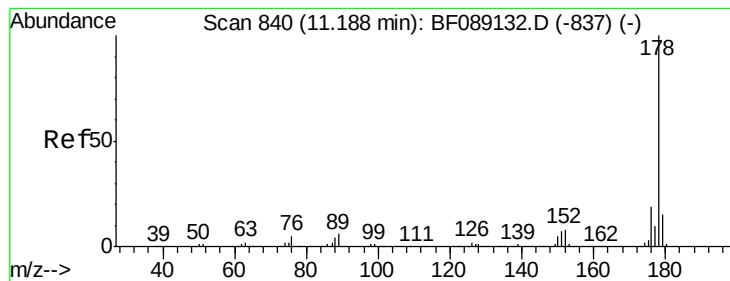
#70  
 Phenanthrene  
 Concen: 43.45 ng  
 RT: 11.12 min Scan# 834  
 Delta R.T. -0.01 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 447749 |       |       |
| 176     | 18.9  | 15.6   | 23.4  |       |
| 179     | 15.4  | 12.4   | 18.6  |       |



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





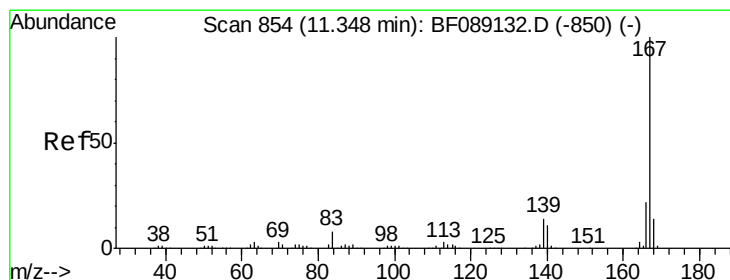
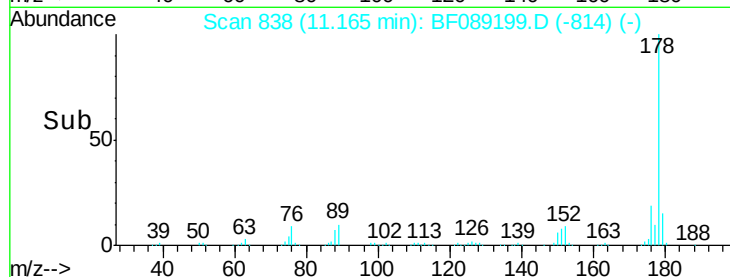
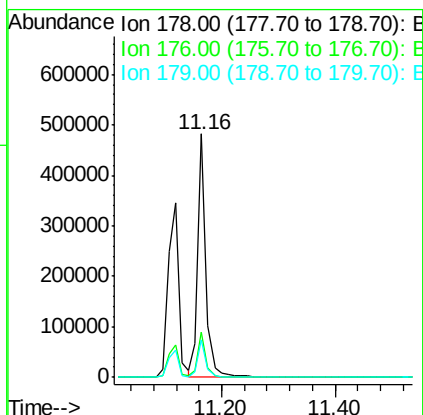
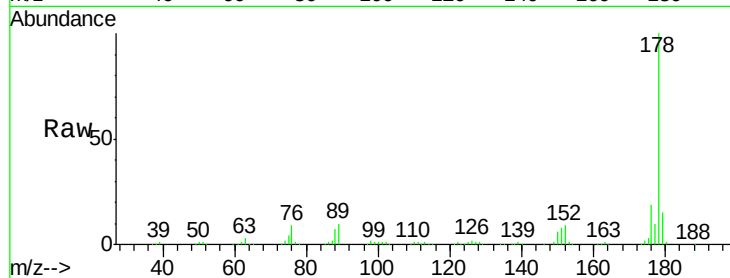
#71  
 Anthracene  
 Concen: 45.15 ng  
 RT: 11.16 min Scan# 838  
 Delta R.T. -0.02 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92344BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.6  | 14.9  | 22.3  |
| 179     | 15.4  | 12.0  | 18.0  |

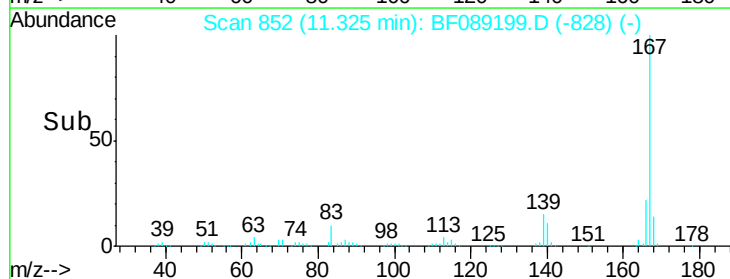
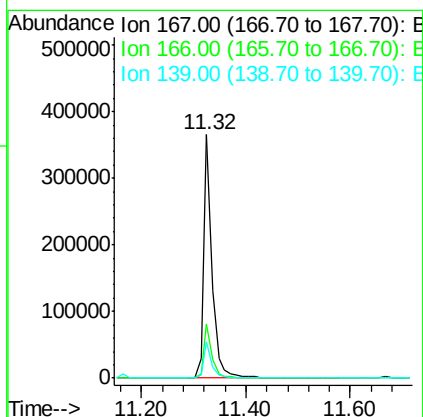
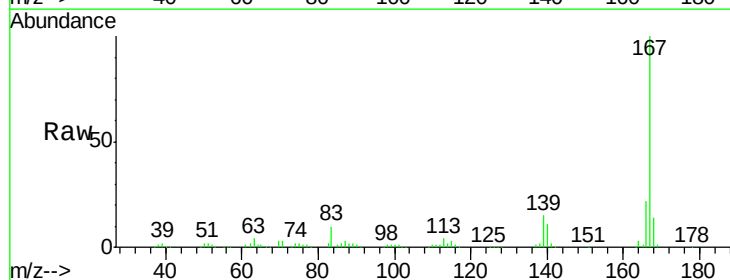
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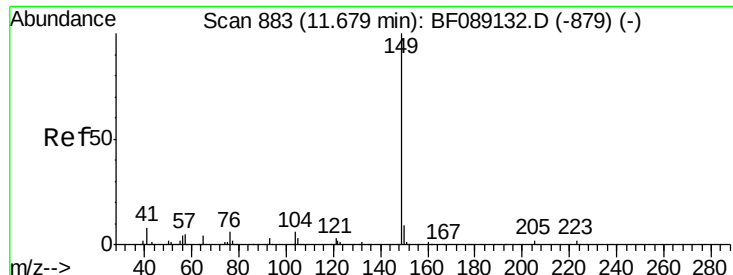


#72  
 Carbazole  
 Concen: 43.53 ng  
 RT: 11.32 min Scan# 852  
 Delta R.T. -0.02 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.5  | 17.7  | 26.5  |
| 139     | 14.7  | 11.0  | 16.4  |







#73

Di-n-butylphthalate

Concen: 47.89 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA\_F

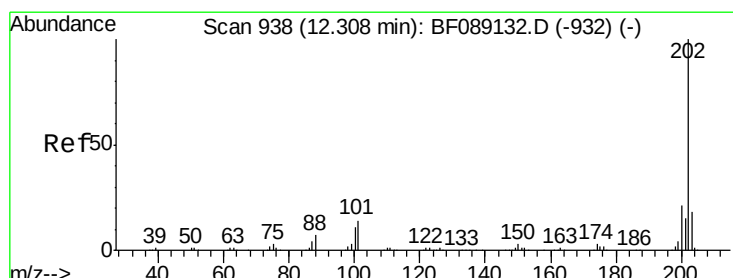
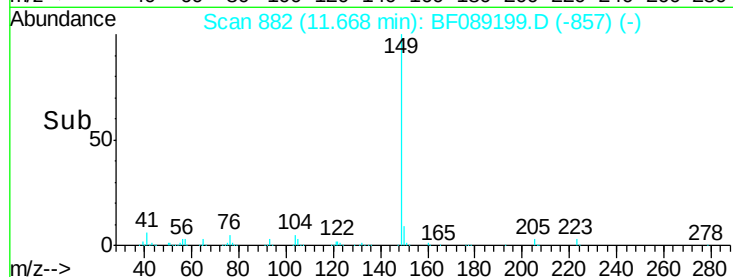
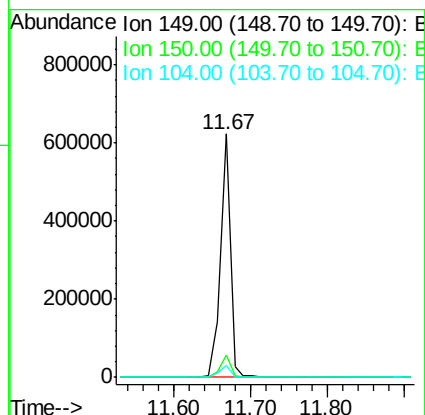
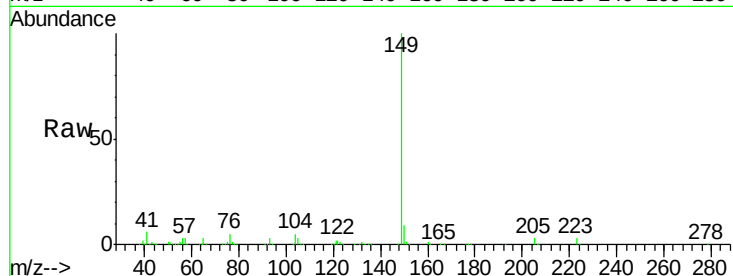
ClientSampleId :

PB92344BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 557322 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.2   | 7.4   | 11.2   |
| 104       | 5.2   | 4.6   | 6.8    |

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#74

Fluoranthene

Concen: 43.92 ng

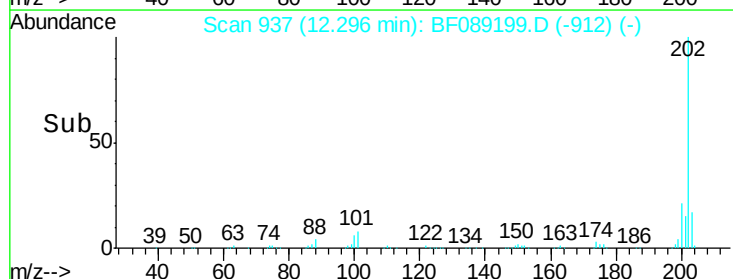
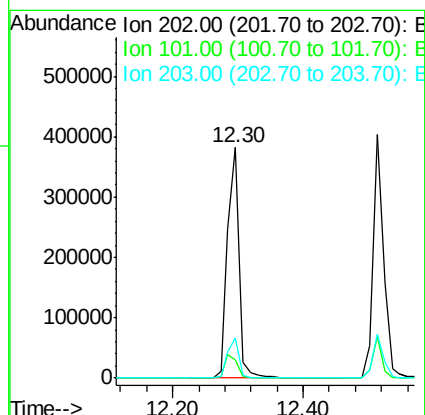
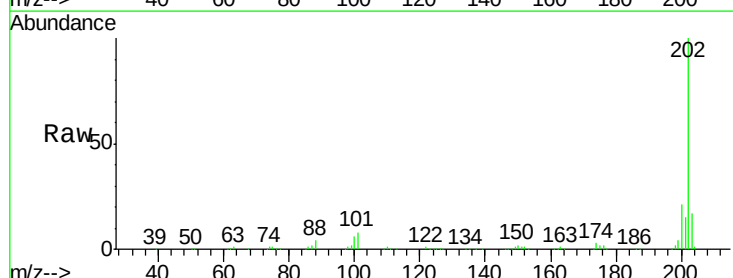
RT: 12.30 min Scan# 937

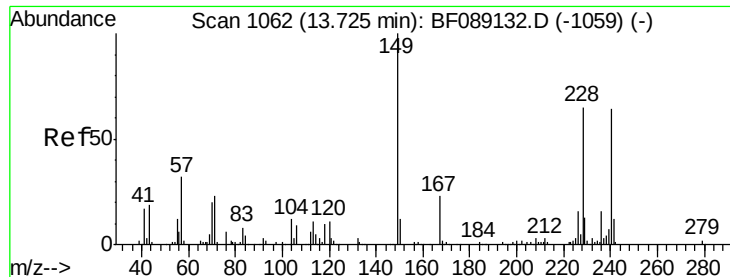
Delta R.T. -0.01 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 475746 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 7.9   | 0.0   | 34.0   |
| 203       | 17.2  | 0.0   | 37.8   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA\_F

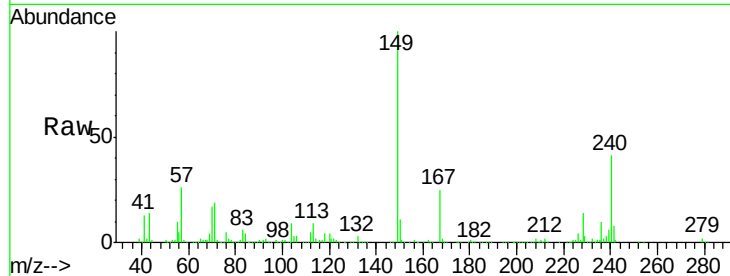
ClientSampleId :

PB92344BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 134420 |       |       |
| 120     | 10.6  | 13.6   | 20.4  | #     |
| 236     | 25.2  | 20.5   | 30.7  |       |

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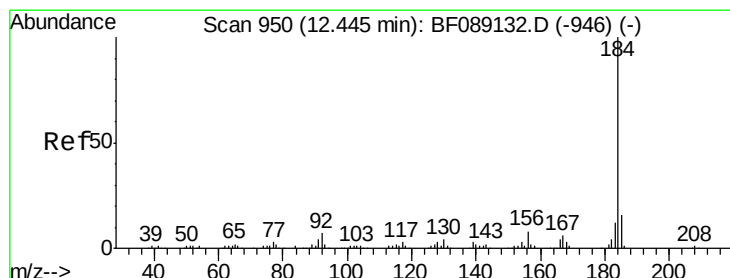
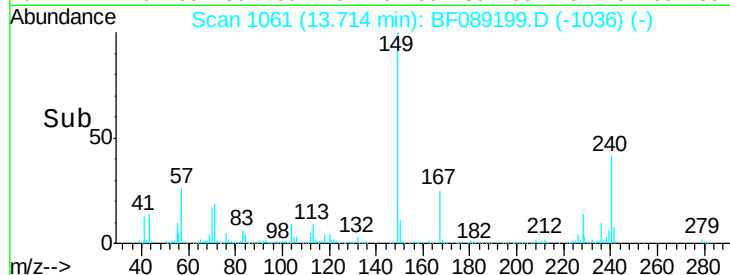
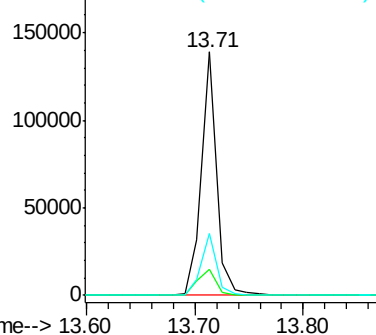
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.07 ng

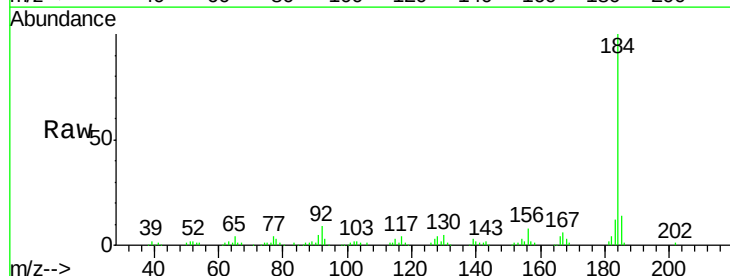
RT: 12.42 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

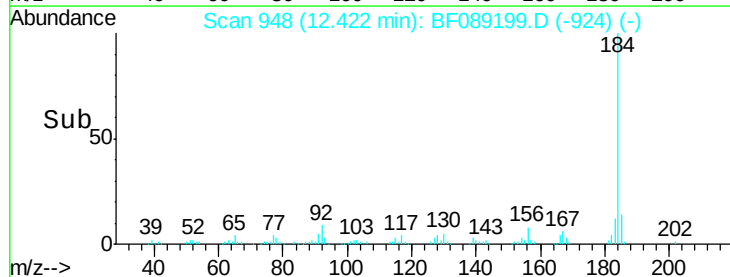
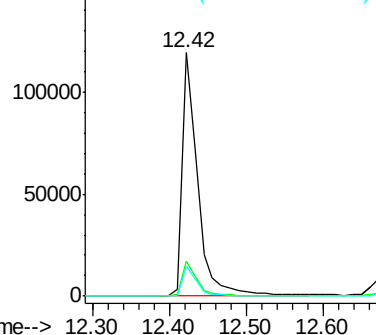
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 166670 |       |       |
| 185     | 14.4  | 12.5   | 18.7  |       |
| 183     | 12.5  | 9.6    | 14.4  |       |

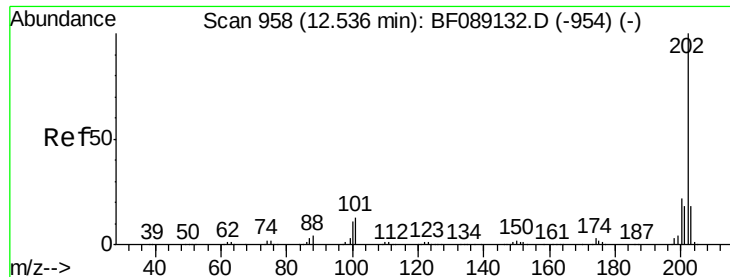


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





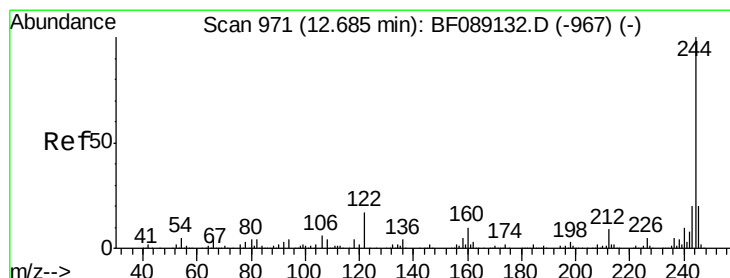
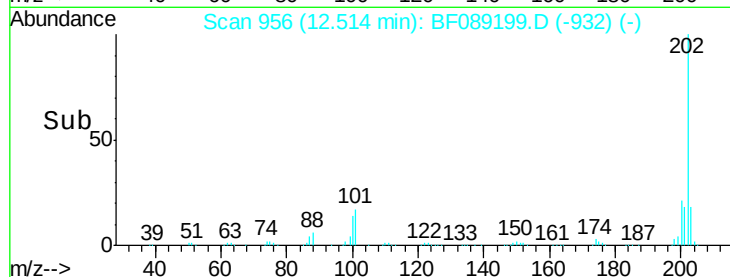
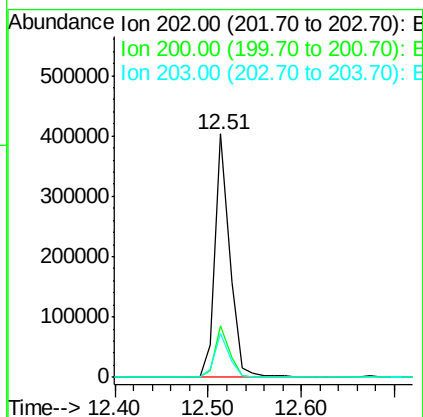
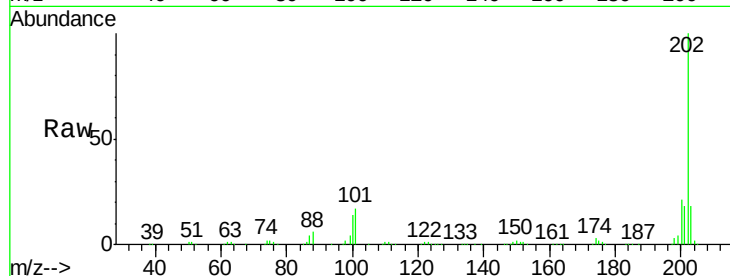
#77  
 Pyrene  
 Concen: 40.04 ng  
 RT: 12.51 min Scan# 956  
 Delta R.T. -0.02 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB92344BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 444450 |       |       |
| 200     | 21.3  |        | 17.4  | 26.0  |
| 203     | 18.1  |        | 14.2  | 21.2  |

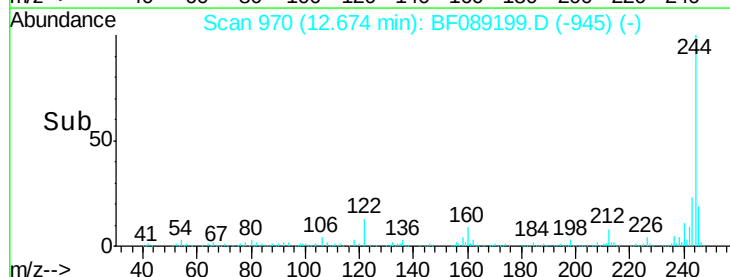
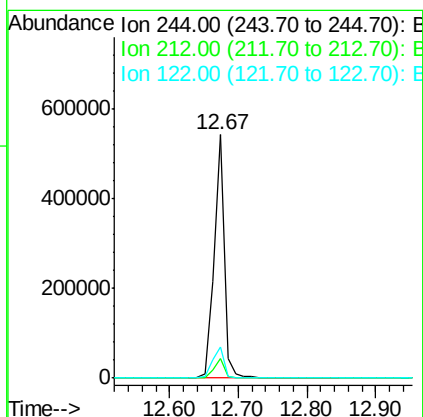
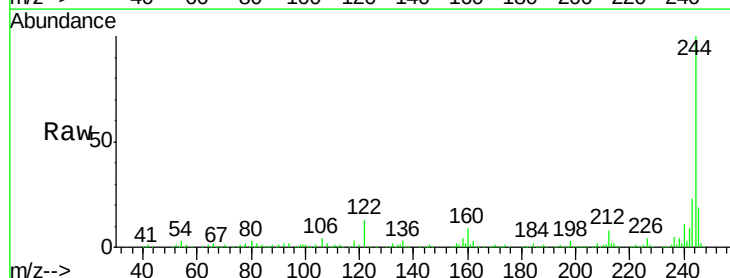
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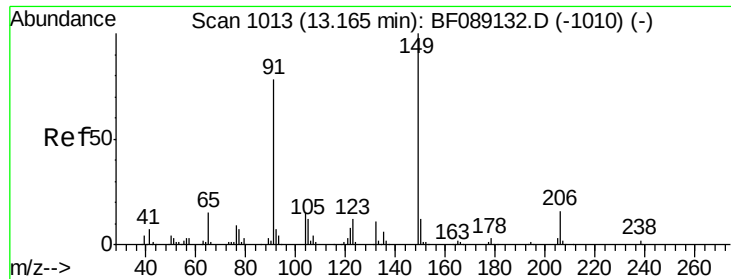
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#78  
 Terphenyl-d14  
 Concen: 92.25 ng  
 RT: 12.67 min Scan# 970  
 Delta R.T. -0.01 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 244     | 100   | 571695 |       |       |
| 212     | 7.8   |        | 7.0   | 10.4  |
| 122     | 12.5  |        | 13.8  | 20.8# |





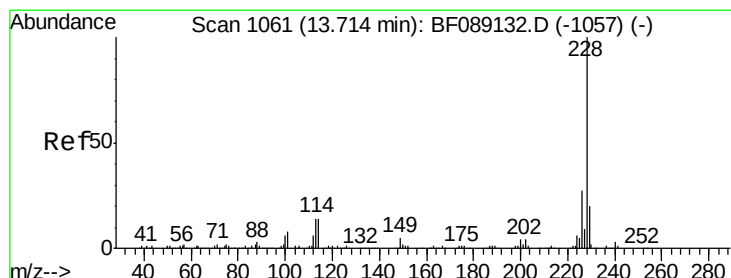
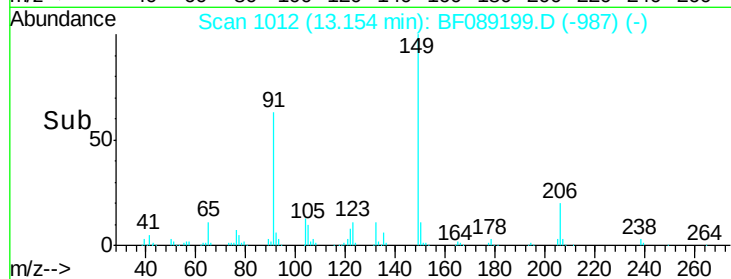
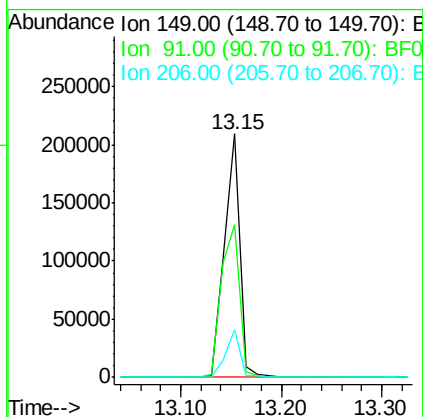
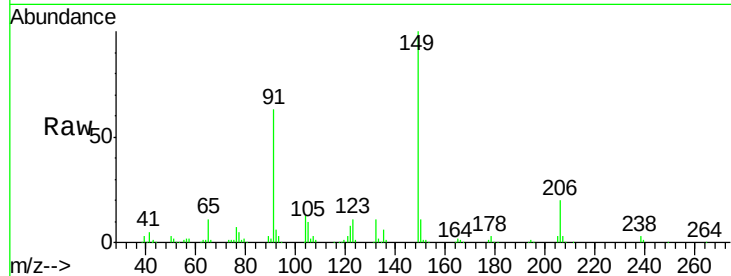
#79  
Butylbenzylphthalate  
Concen: 47.82 ng  
RT: 13.15 min Scan# 1012  
Delta R.T. -0.01 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

Instrument :  
BNA\_F  
ClientSampled :  
PB92344BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 224570 |       |       |
| 91      | 62.7  | 62.6   | 93.8  |       |
| 206     | 19.6  | 13.2   | 19.8  |       |

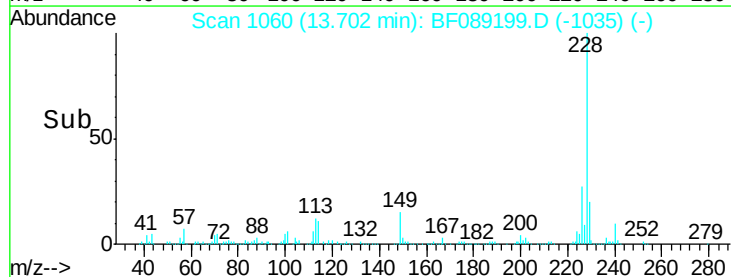
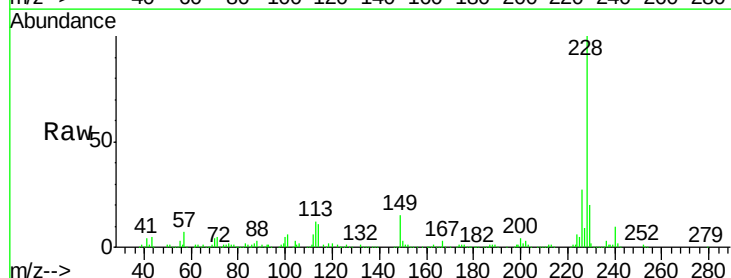
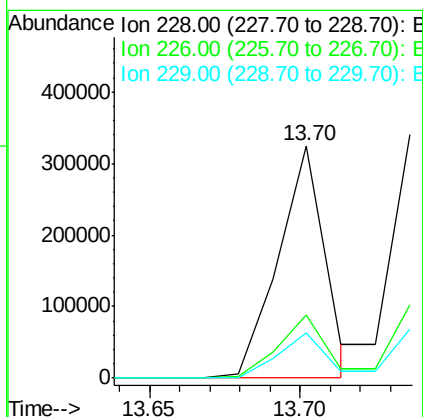
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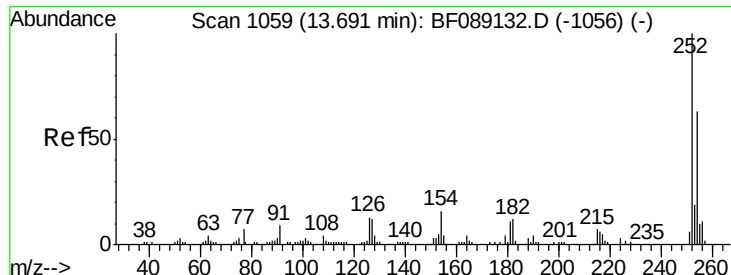
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#80  
Benzo(a)anthracene  
Concen: 41.28 ng m  
RT: 13.70 min Scan# 1060  
Delta R.T. -0.01 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 353372 |       |       |
| 226     | 27.1  | 21.8   | 32.8  |       |
| 229     | 19.6  | 15.8   | 23.8  |       |





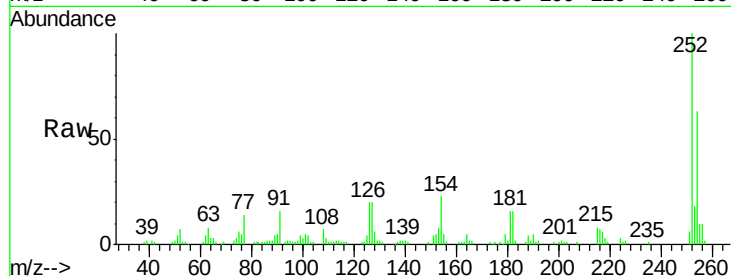
#81  
 3,3'-Dichlorobenzidine  
 Concen: 29.81 ng  
 RT: 13.67 min Scan# 1057  
 Delta R.T. -0.02 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92344BS

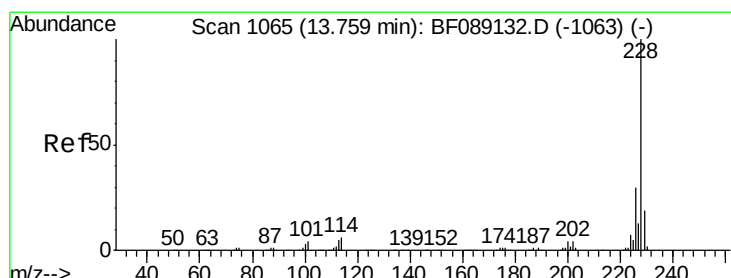
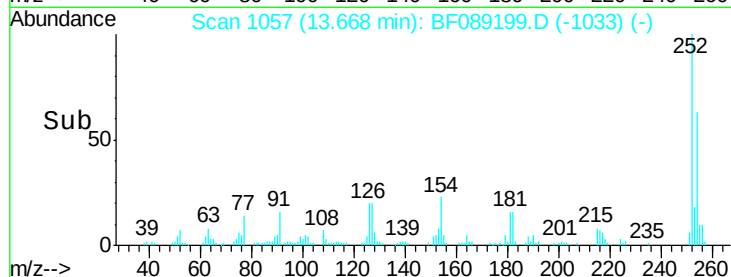
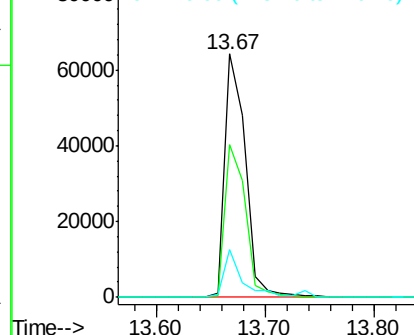
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 62.8  | 50.4       | 75.6       |
| 126     | 19.5  | 10.2       | 15.2       |

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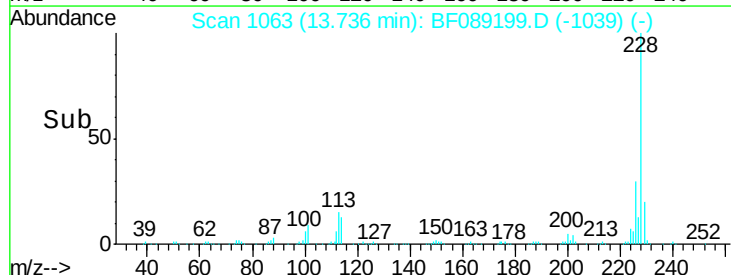
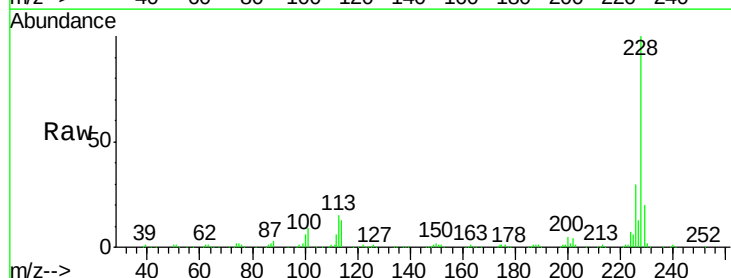
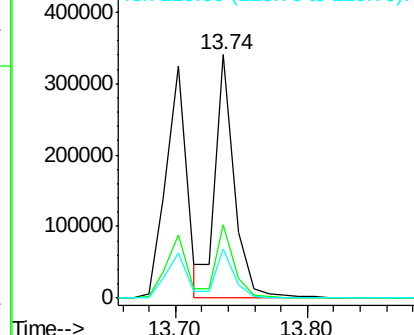
Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

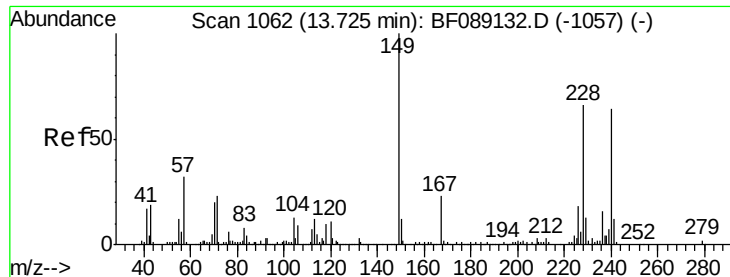


#82  
 Chrysene  
 Concen: 42.52 ng m  
 RT: 13.74 min Scan# 1063  
 Delta R.T. -0.02 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 30.4  | 23.8       | 35.8       |
| 229     | 19.9  | 15.4       | 23.0       |

Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.55 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA\_F

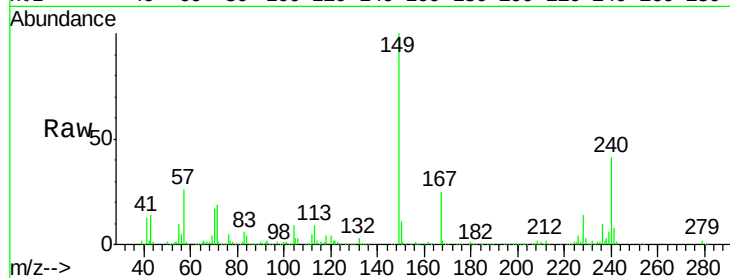
ClientSampleId :

PB92344BS

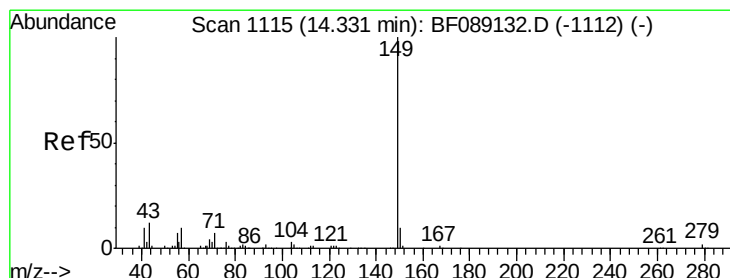
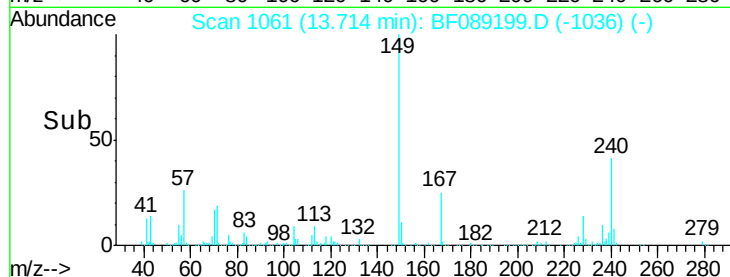
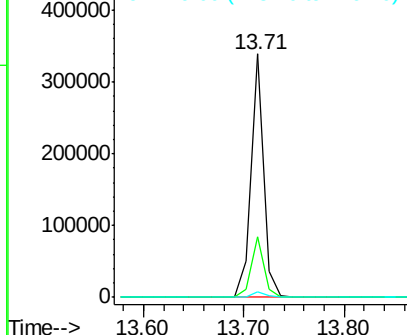
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 296192 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 167       | 24.8 | 18.6  | 28.0   |
| 279       | 2.4  | 1.6   | 2.4    |

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7/25/2016 6:41:25 PM



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



#84

Di-n-octyl phthalate

Concen: 43.45 ng

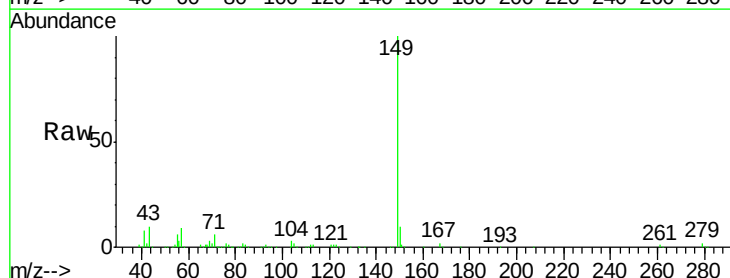
RT: 14.32 min Scan# 1114

Delta R.T. -0.01 min

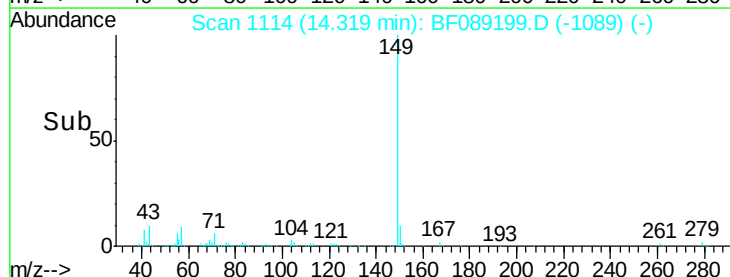
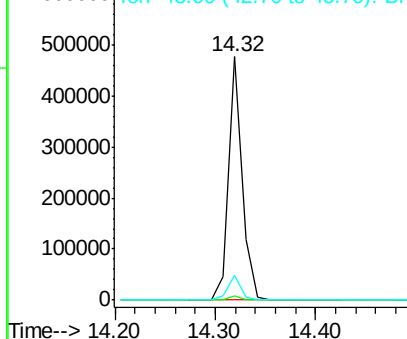
Lab File: BF089199.D

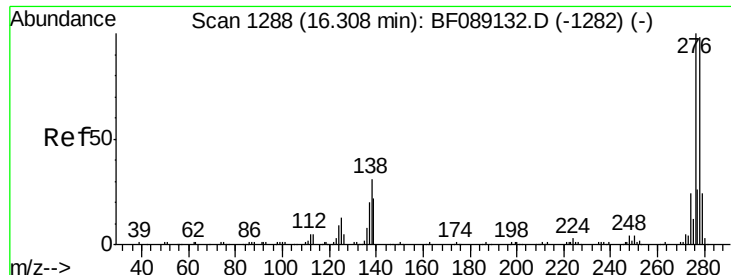
Acq: 22 Jul 2016 17:06

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 446542 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 167       | 1.5  | 1.2   | 1.8    |
| 43        | 10.3 | 7.3   | 10.9   |



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





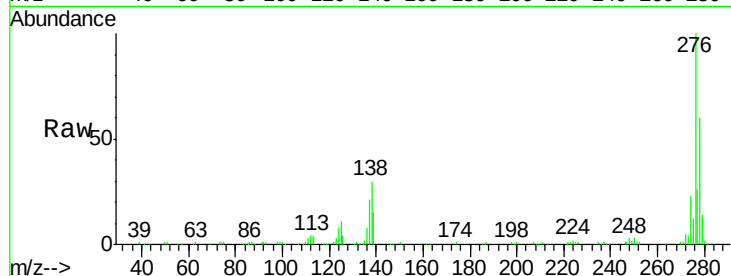
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 42.20 ng  
 RT: 16.27 min Scan# 1285  
 Delta R.T. -0.03 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB92344BS

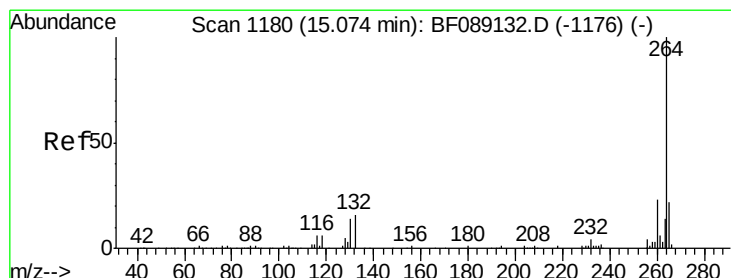
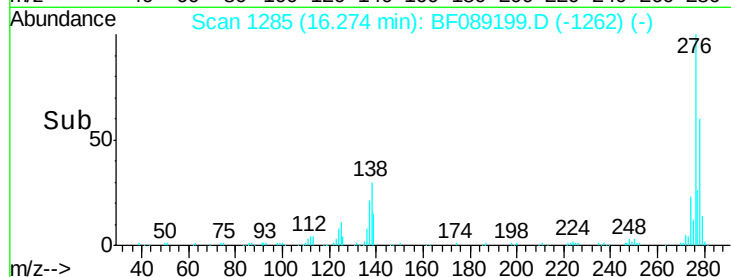
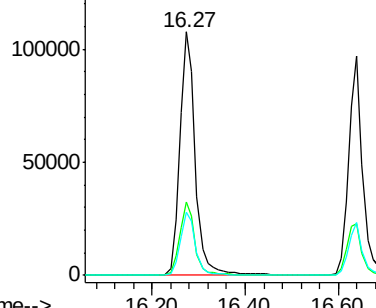
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 250622 |       |       |
| 138     | 29.6  |        | 23.7  | 35.5  |
| 277     | 25.5  |        | 20.6  | 31.0  |

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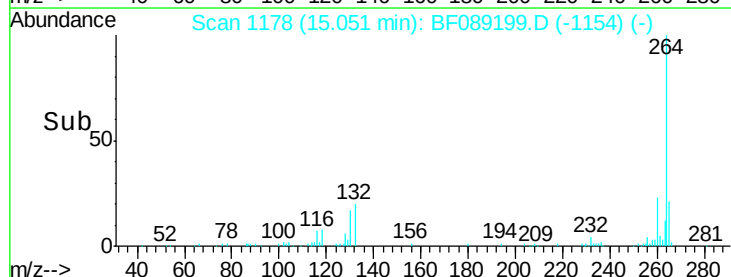
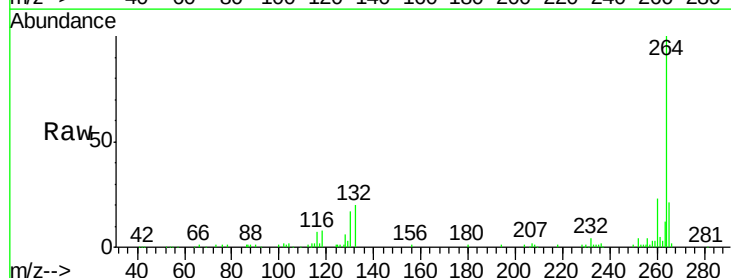
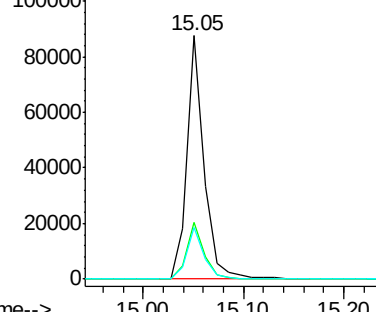
Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

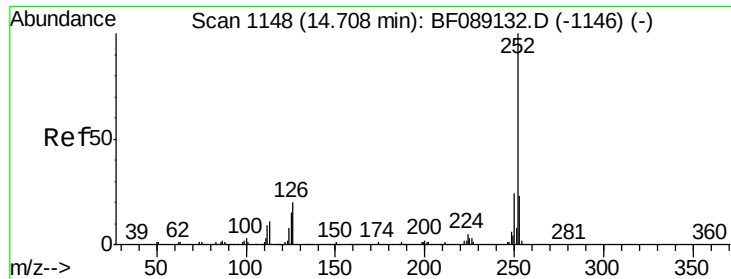


#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.05 min Scan# 1178  
 Delta R.T. -0.02 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 103308 |       |       |
| 260     | 23.2  |        | 18.5  | 27.7  |
| 265     | 21.0  |        | 17.3  | 25.9  |

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





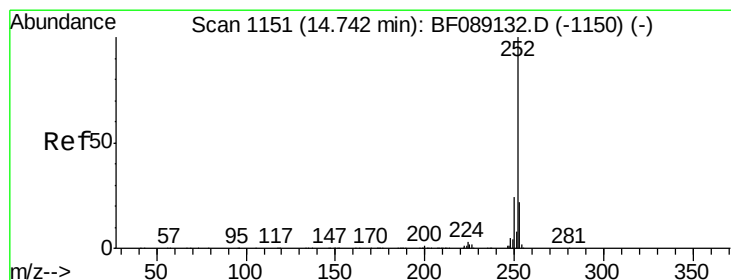
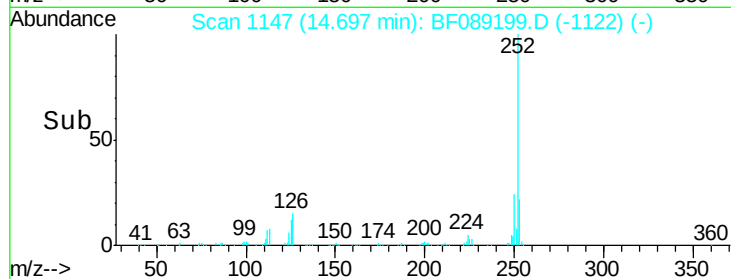
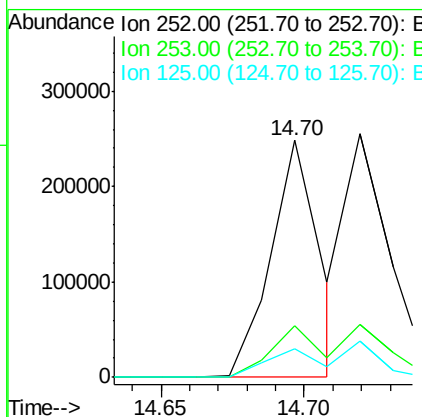
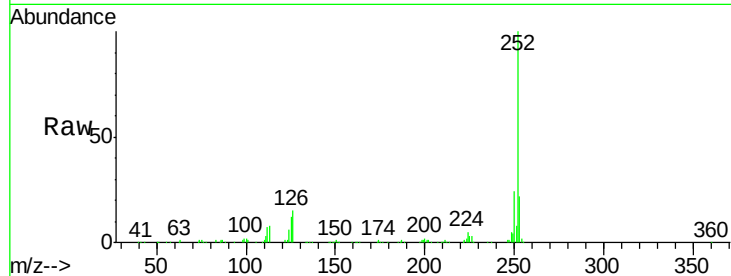
#87  
Benzo(b)fluoranthene  
Concen: 39.42 ng m  
RT: 14.70 min Scan# 1147  
Delta R.T. -0.01 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB92344BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 294931 |       |       |
| 253     | 21.6  | 18.2   | 27.2  |       |
| 125     | 12.2  | 11.9   | 17.9  |       |

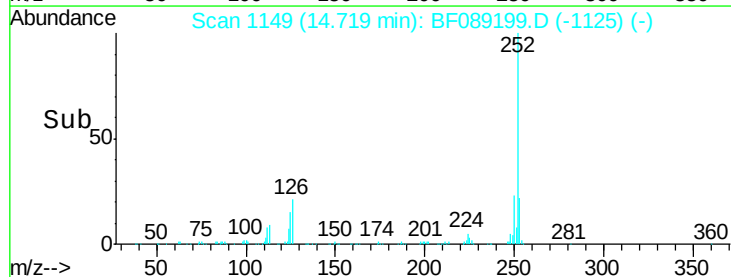
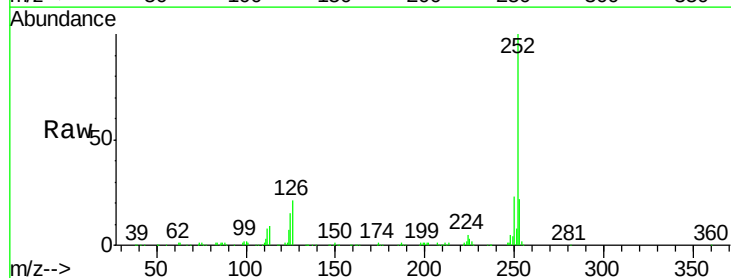
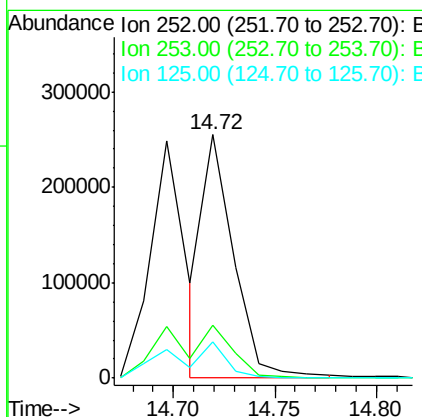
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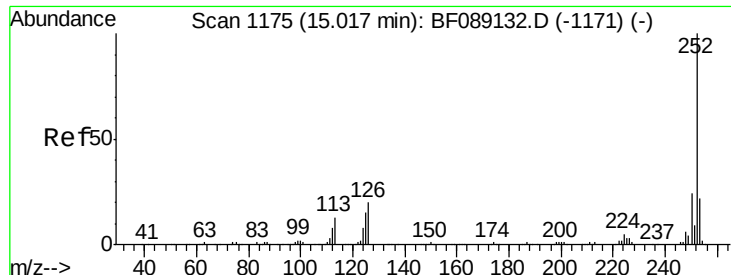


#88  
Benzo(k)fluoranthene  
Concen: 51.23 ng m  
RT: 14.72 min Scan# 1149  
Delta R.T. -0.02 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 274095 |       |       |
| 253     | 21.9  | 17.3   | 25.9  |       |
| 125     | 14.7  | 6.3    | 9.5#  |       |







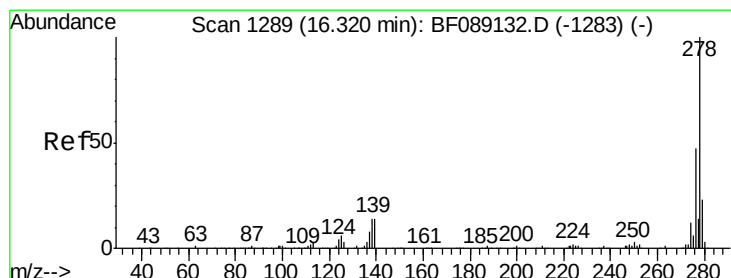
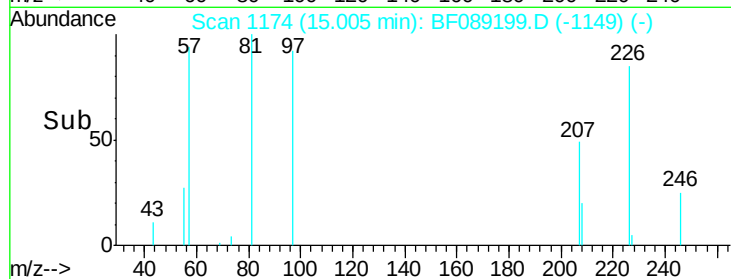
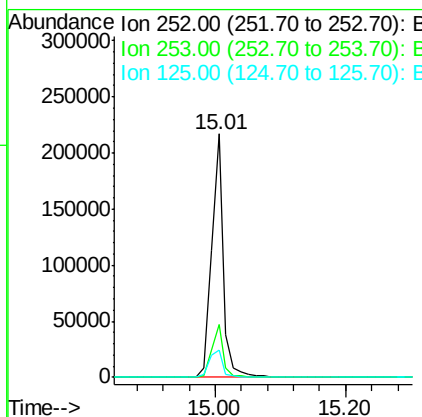
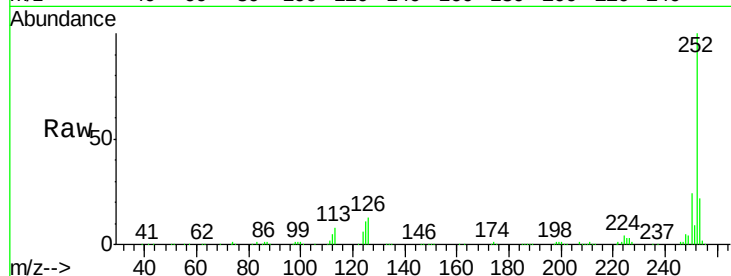
#89  
Benzo(a)pyrene  
Concen: 47.27 ng  
RT: 15.01 min Scan# 1174  
Delta R.T. -0.01 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB92344BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.4  | 26.0  |
| 125     | 11.0  | 12.4  | 18.6  |

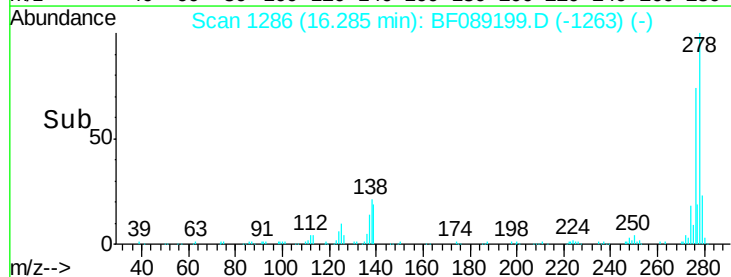
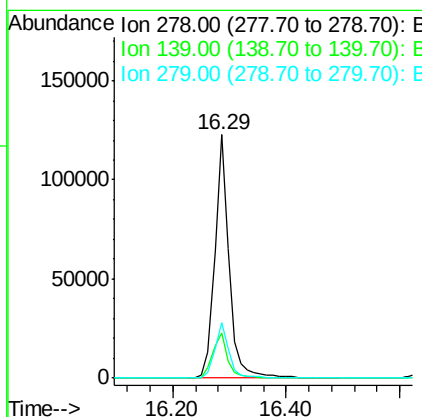
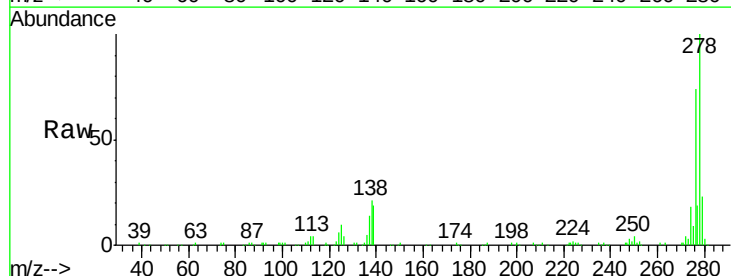
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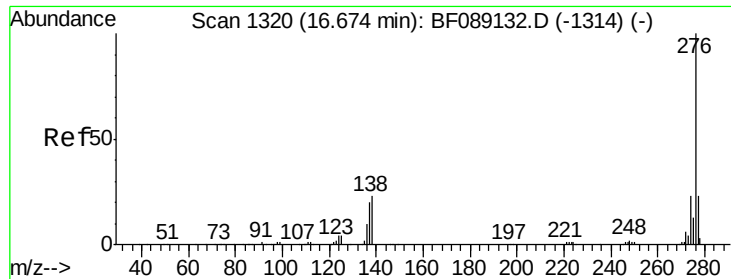
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7/25/2016 6:41:25 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 46.14 ng  
RT: 16.29 min Scan# 1286  
Delta R.T. -0.03 min  
Lab File: BF089199.D  
Acq: 22 Jul 2016 17:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.5  | 11.4  | 17.2  |
| 279     | 23.0  | 18.4  | 27.6  |





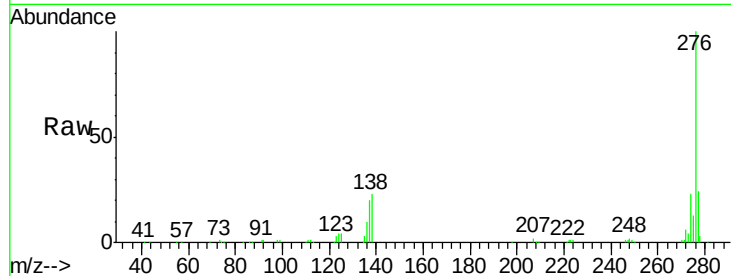
#91  
 Benzo(g,h,i)perylene  
 Concen: 44.82 ng  
 RT: 16.64 min Scan# 1317  
 Delta R.T. -0.03 min  
 Lab File: BF089199.D  
 Acq: 22 Jul 2016 17:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92344BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 276     | 100   |            |            |
| 277     | 24.0  | 18.5       | 27.7       |
| 138     | 23.2  | 18.5       | 27.7       |

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

