

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\  
 Data File : BF099799.D  
 Acq On : 24 Oct 2017 20:24  
 Operator : SJ/JU  
 Sample : I5956-01MSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EPE-M-6(50-52)MSD

Manual Integrations  
 APPROVED

Sohil  
 10/25/2017 6:25:52 PM

Quant Time: Oct 25 08:32:47 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 23 23:39:26 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.80  | 152  | 89305    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.09  | 136  | 363079   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.85  | 164  | 152333   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.33 | 188  | 221461   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.99 | 240  | 156426   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.45 | 264  | 160435   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.43  | 112 | 610554 | 107.33 | ng | 0.01 |
| 7) Phenol-d6             | 6.46  | 99  | 716900 | 106.29 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.37  | 82  | 412793 | 73.20  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.64 | 330 | 126240 | 90.94  | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.16  | 172 | 769218 | 77.91  | ng | 0.00 |
| 78) Terphenyl-d14        | 12.92 | 244 | 468832 | 65.50  | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.58 | 88  | 79263  | 31.554 | ng | # 90   |
| 3) Pyridine                    | 3.36 | 79  | 192099 | 31.801 | ng | # 89   |
| 4) n-Nitrosodimethylamine      | 3.30 | 42  | 80201  | 37.164 | ng | # 75   |
| 6) Aniline                     | 6.47 | 93  | 255775 | 29.247 | ng | # 91   |
| 8) 2-Chlorophenol              | 6.60 | 128 | 236514 | 39.012 | ng | 91     |
| 9) Benzaldehyde                | 6.36 | 77  | 134452 | 33.359 | ng | 91     |
| 10) Phenol                     | 6.47 | 94  | 289296 | 39.066 | ng | 86     |
| 11) bis(2-Chloroethyl)ether    | 6.55 | 93  | 218489 | 38.207 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 6.75 | 146 | 250539 | 36.805 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 6.82 | 146 | 255906 | 37.041 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.97 | 146 | 231803 | 36.815 | ng | 97     |
| 15) Benzyl Alcohol             | 6.96 | 79  | 162928 | 37.984 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.08 | 45  | 273272 | 43.018 | ng | 72     |
| 17) 2-Methylphenol             | 7.07 | 107 | 187273 | 36.929 | ng | 97     |
| 18) Hexachloroethane           | 7.31 | 117 | 79568  | 34.521 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70  | 143928 | 36.414 | ng | 90     |
| 20) 3+4-Methylphenols          | 7.22 | 107 | 233490 | 39.543 | ng | # 68   |
| 22) Acetophenone               | 7.22 | 105 | 299634 | 36.245 | ng | # 98   |
| 24) Nitrobenzene               | 7.40 | 77  | 220473 | 38.799 | ng | # 88   |
| 25) Isophorone                 | 7.63 | 82  | 413485 | 40.405 | ng | 97     |
| 26) 2-Nitrophenol              | 7.71 | 139 | 117849 | 36.210 | ng | # 86   |
| 27) 2,4-Dimethylphenol         | 7.75 | 122 | 203698 | 42.478 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.84 | 93  | 274075 | 38.242 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.96 | 162 | 194825 | 39.109 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 8.03 | 180 | 199229 | 37.431 | ng | 97     |
| 31) Naphthalene                | 8.11 | 128 | 649384 | 37.052 | ng | 100    |
| 33) 4-Chloroaniline            | 8.17 | 127 | 182897 | 25.272 | ng | # 94   |
| 34) Hexachlorobutadiene        | 8.22 | 225 | 97254  | 35.523 | ng | 98     |
| 35) Caprolactam                | 8.54 | 113 | 58764m | 37.511 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.66 | 107 | 188533 | 37.080 | ng | 92     |
| 37) 2-Methylnaphthalene        | 8.80 | 142 | 443369 | 37.750 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 179566 | 36.497 | ng | # 98   |
| 40) Hexachlorocyclopentadiene  | 8.95 | 237 | 7084   | 18.259 | ng | 99     |
| 42) 2,4,6-Trichlorophenol      | 9.09 | 196 | 120192 | 40.387 | ng | 98     |

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 BNA\_F  
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 EPE-M-6(50-52)MSD

Manual Integrations  
 APPROVED

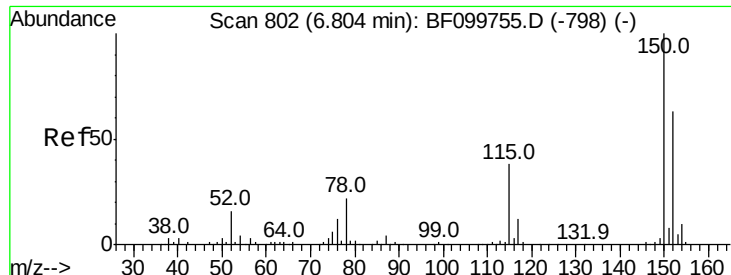
Sohil  
 10/25/2017 6:25:52 PM

Quant Time: Oct 25 08:32:47 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 23 23:39:26 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 9.13  | 196  | 121714   | 38.540 | nq    | 95       |
| 45) 1,1'-Biphenyl              | 9.26  | 154  | 506814   | 36.777 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.29  | 162  | 394130   | 39.381 | nq    | 96       |
| 47) 2-Nitroaniline             | 9.40  | 65   | 104353   | 39.728 | nq    | 88       |
| 48) Acenaphthylene             | 9.71  | 152  | 561730   | 36.442 | nq    | 99       |
| 49) Dimethylphthalate          | 9.57  | 163  | 481975   | 39.953 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.64  | 165  | 96112    | 37.899 | nq #  | 85       |
| 51) Acenaphthene               | 9.88  | 154  | 334148   | 35.478 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.82  | 138  | 94351    | 31.575 | nq    | 86       |
| 54) Dibenzofuran               | 10.05 | 168  | 484165   | 36.417 | nq    | 98       |
| 55) 4-Nitrophenol              | 9.99  | 139  | 99089    | 63.465 | nq #  | 77       |
| 56) 2,4-Dinitrotoluene         | 10.05 | 165  | 108568   | 35.548 | nq #  | 96       |
| 57) Fluorene                   | 10.40 | 166  | 383451   | 34.834 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 78192    | 35.313 | nq    | 93       |
| 59) Diethylphthalate           | 10.26 | 149  | 432477   | 36.711 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.38 | 204  | 182608   | 35.248 | nq    | 96       |
| 61) 4-Nitroaniline             | 10.43 | 138  | 90841    | 31.864 | nq    | 82       |
| 62) Azobenzene                 | 10.55 | 77   | 361799   | 36.637 | nq    | 89       |
| 64) 4,6-Dinitro-2-methylphenol | 10.47 | 198  | 5115     | 3.674  | nq    | 82       |
| 65) n-Nitrosodiphenylamine     | 10.50 | 169  | 344984   | 42.199 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 10.87 | 248  | 98846    | 42.397 | nq #  | 89       |
| 67) Hexachlorobenzene          | 10.94 | 284  | 92308    | 38.700 | nq    | 94       |
| 68) Atrazine                   | 11.03 | 200  | 100031   | 40.734 | nq    | 98       |
| 69) Pentachlorophenol          | 11.14 | 266  | 61267    | 60.113 | nq    | 99       |
| 70) Phenanthrene               | 11.36 | 178  | 459484   | 36.764 | nq    | 98       |
| 71) Anthracene                 | 11.41 | 178  | 477389   | 37.630 | nq    | 98       |
| 72) Carbazole                  | 11.57 | 167  | 423559   | 35.504 | nq    | 98       |
| 73) Di-n-butylphthalate        | 11.89 | 149  | 593124   | 38.979 | nq    | 99       |
| 74) Fluoranthene               | 12.55 | 202  | 413531   | 31.838 | nq    | 98       |
| 76) Benzidine                  | 12.68 | 184  | 323359   | 47.242 | nq    | 98       |
| 77) Pyrene                     | 12.78 | 202  | 416803   | 35.042 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.39 | 149  | 198740   | 33.931 | nq    | 91       |
| 80) Benzo(a)anthracene         | 13.97 | 228  | 364078   | 36.715 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 13.93 | 252  | 131898   | 36.643 | nq    | 99       |
| 82) Chrysene                   | 14.01 | 228  | 350878   | 37.637 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 281303   | 34.199 | nq #  | 99       |
| 84) Di-n-octyl phthalate       | 14.55 | 149  | 503632   | 35.674 | nq #  | 93       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.93 | 276  | 305820   | 35.733 | nq    | 96       |
| 87) Benzo(b)fluoranthene       | 15.02 | 252  | 379410   | 37.451 | nq    | 96       |
| 88) Benzo(k)fluoranthene       | 15.05 | 252  | 346744   | 36.297 | nq    | 99       |
| 89) Benzo(a)pyrene             | 15.39 | 252  | 346486   | 38.075 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.93 | 278  | 265934   | 32.888 | nq    | 96       |
| 91) Benzo(g,h,i)perylene       | 17.37 | 276  | 241126   | 30.479 | nq    | 98       |

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





#1

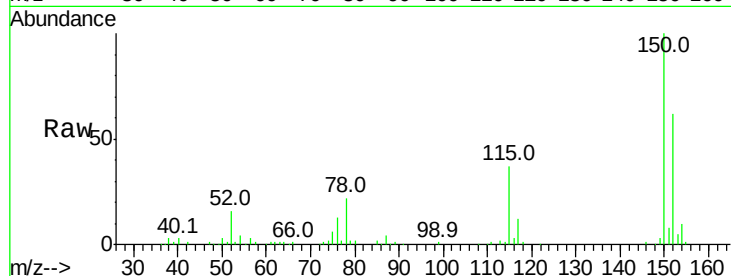
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Concen: 20.000 ng  
RT: 6.80 min Scan# 802  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

Instrument :  
BNA\_F  
ClientSampleId :  
EPE-M-6(50-52)MSD

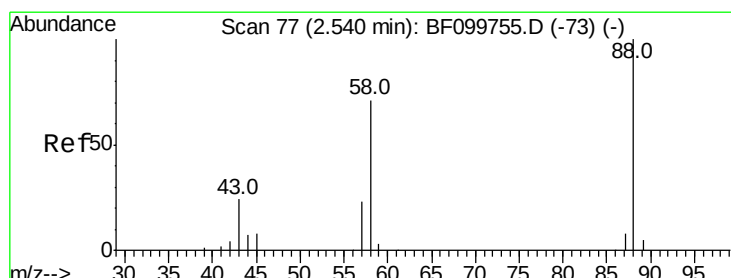
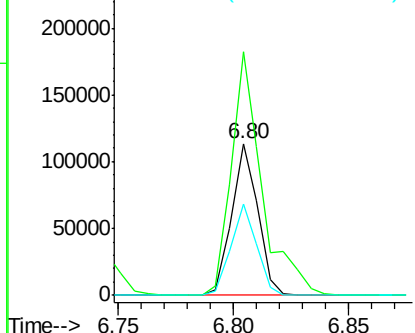
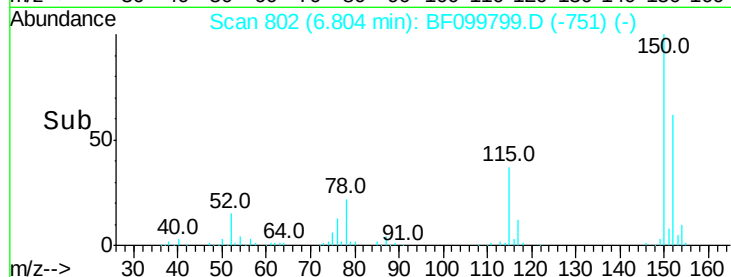
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.3 | 124.6 | 186.8 |
| 115     | 60.1  | 50.1  | 75.1  |

Manual Integrations  
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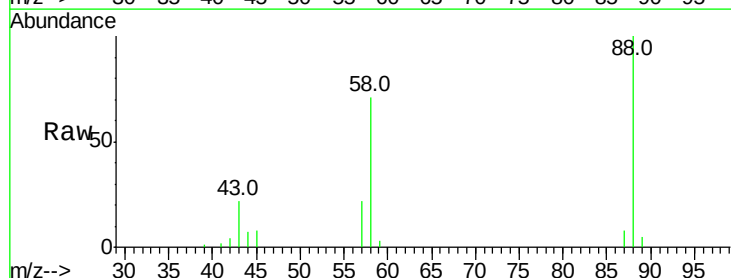
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Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



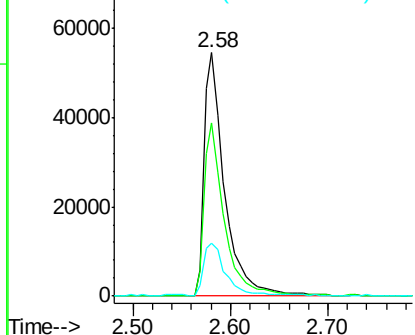
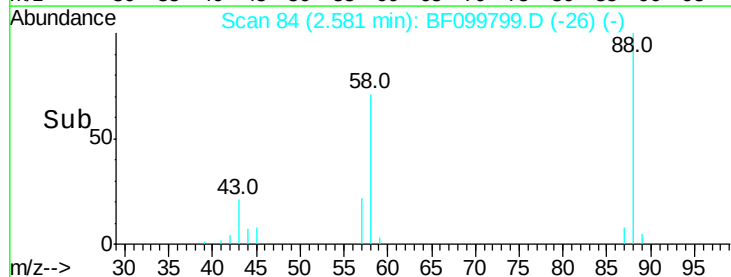
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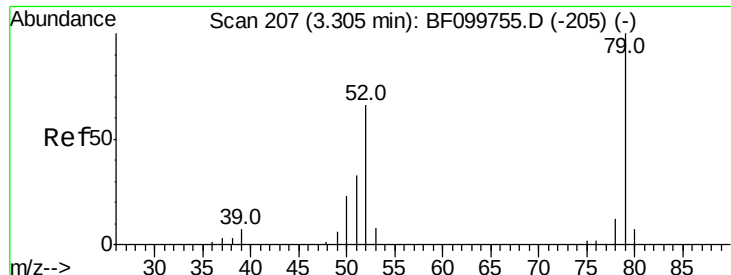
1,4-Dioxane  
Concen: 31.554 ng  
RT: 2.58 min Scan# 84  
Delta R.T. 0.04 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 70.4  | 62.6  | 93.8  |
| 43      | 24.6  | 24.6  | 37.0  |



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





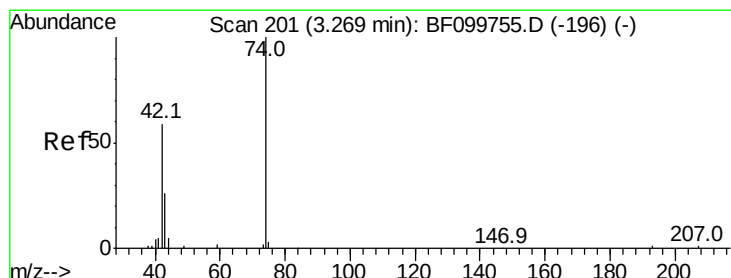
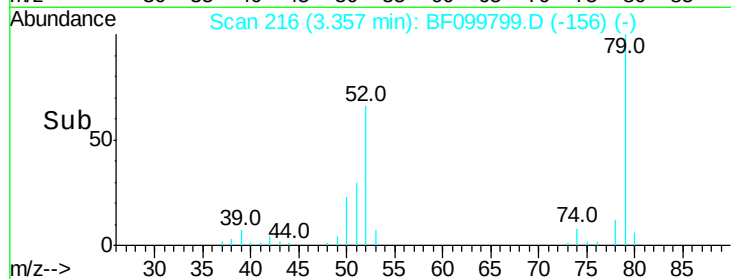
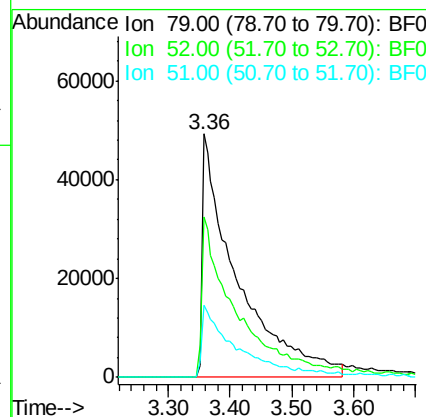
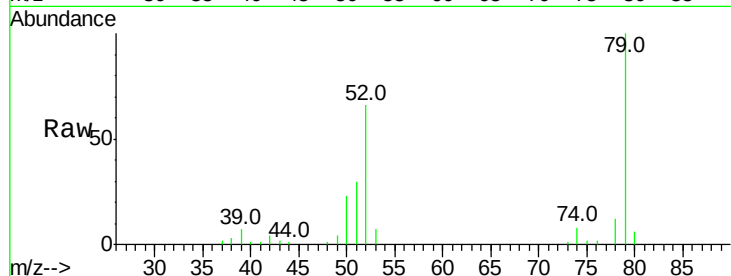
#3  
 Pvridine  
 Concen: 31.801 ng  
 RT: 3.36 min Scan# 216  
 Delta R.T. 0.05 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

Instrument :  
 BNA\_F  
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 EPE-M-6(50-52)MSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 79      | 100  |       |       |       |
| 52      | 65.8 | 59.8  | 89.6  |       |
| 51      | 29.8 | 29.8  | 44.8  |       |

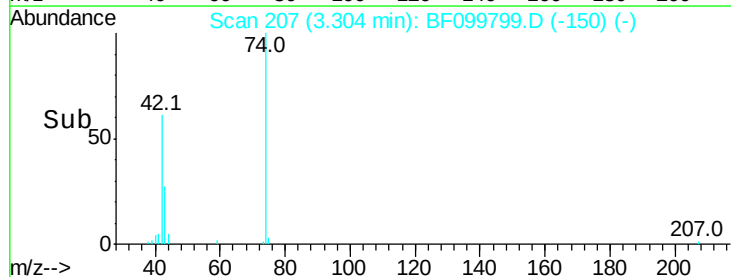
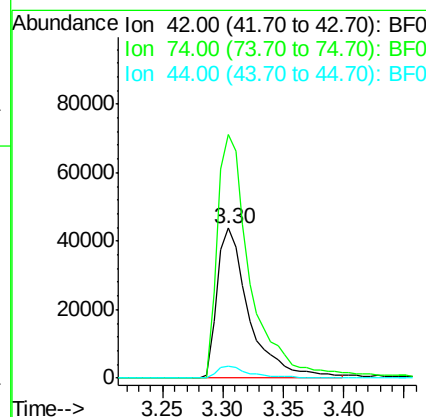
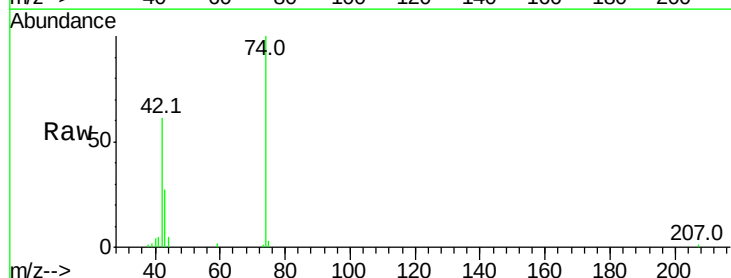
Manual Integrations  
 APPROVED

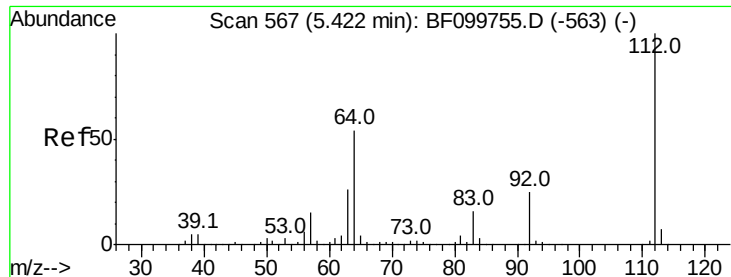
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#4  
 n-Nitrosodimethylamine  
 Concen: 37.164 ng  
 RT: 3.30 min Scan# 207  
 Delta R.T. 0.04 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 42      | 100   |       |       |       |
| 74      | 162.7 | 104.9 | 157.3 |       |
| 44      | 8.2   | 6.9   | 10.3  |       |





#5

2-Fluorophenol

Concen: 107.334 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA\_F

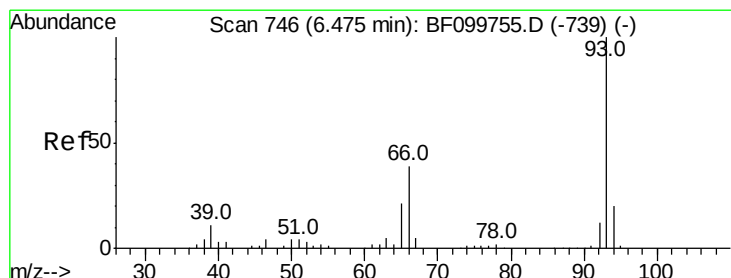
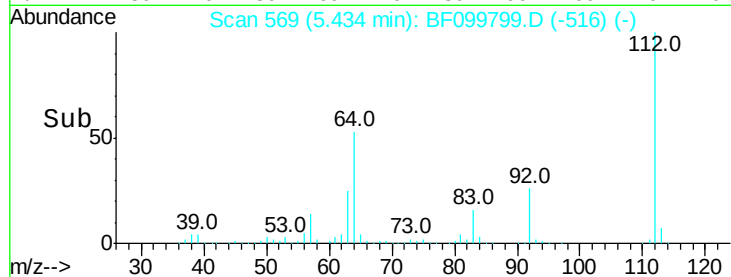
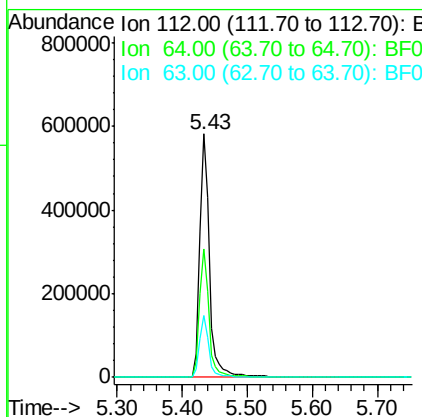
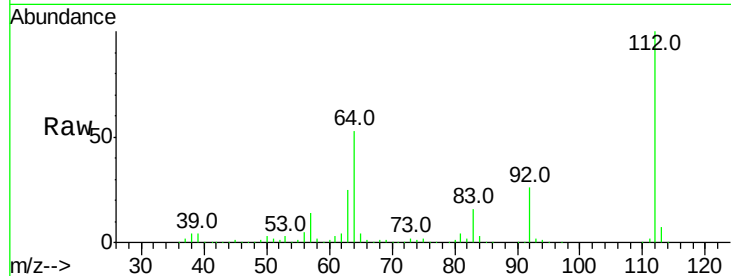
ClientSampleId :

EPE-M-6(50-52)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 610554 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 52.8  | 47.9  | 71.9   |
| 63        | 25.3  | 23.7  | 35.5   |

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#6

Aniline

Concen: 29.247 ng

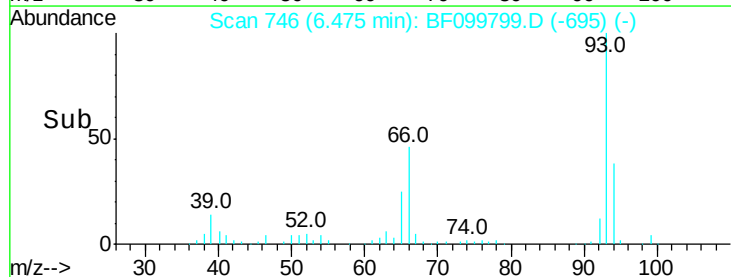
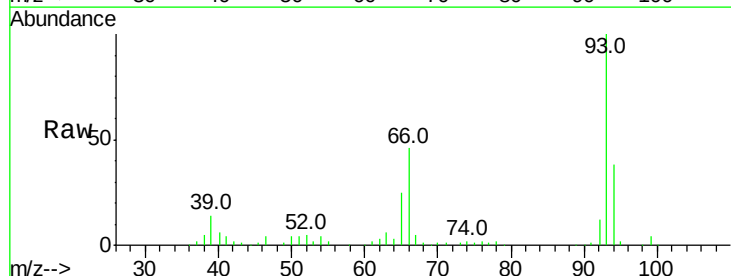
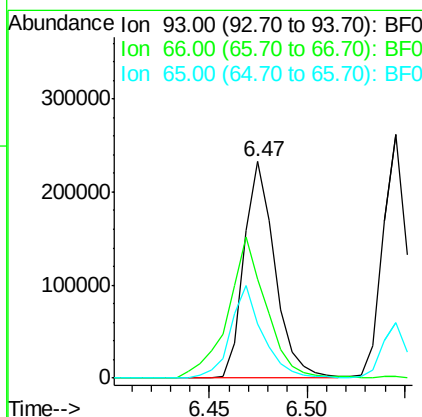
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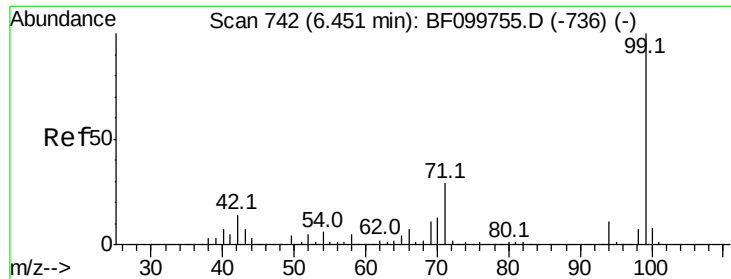
Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 255775 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 45.8  | 32.2  | 48.2   |
| 65        | 24.9  | 16.4  | 24.6   |





#7

Phenol-d6

Concen: 106.290 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA\_F

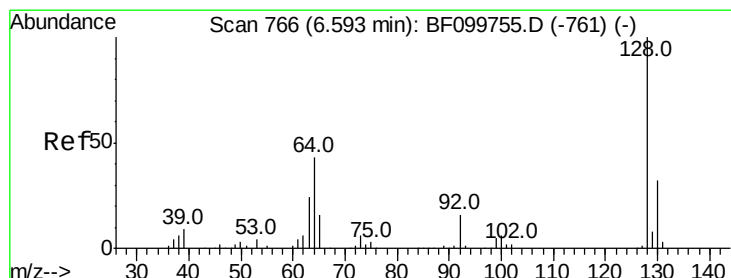
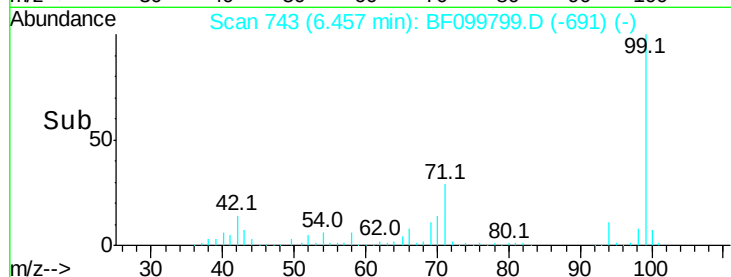
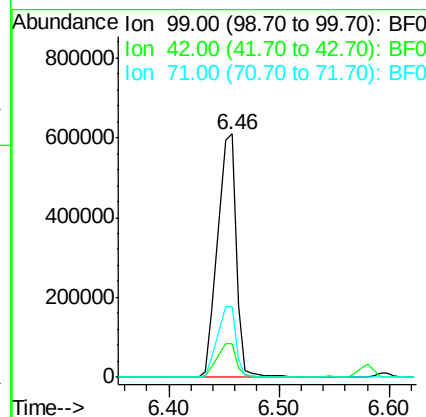
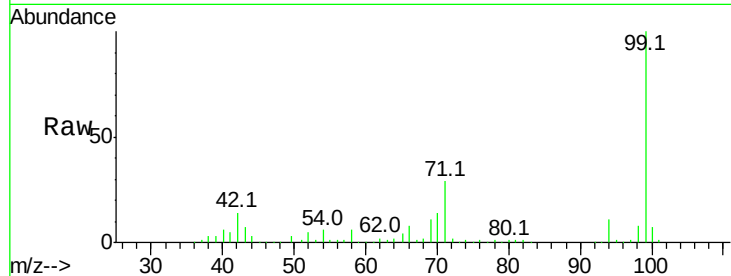
ClientSampleId :

EPE-M-6(50-52)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 716900 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 13.9  | 14.5  | 21.7#  |
| 71        | 29.0  | 25.4  | 38.0   |

Manual Integrations  
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10/25/2017 6:25:52 PM



#8

2-Chlorophenol

Concen: 39.012 ng

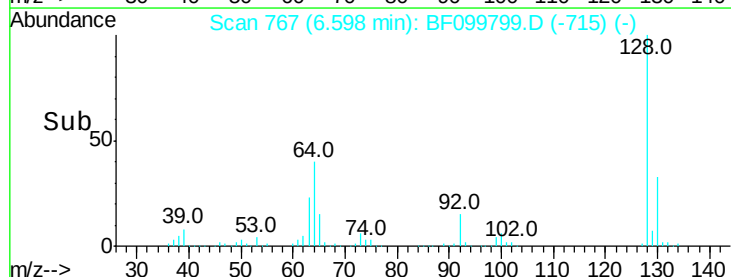
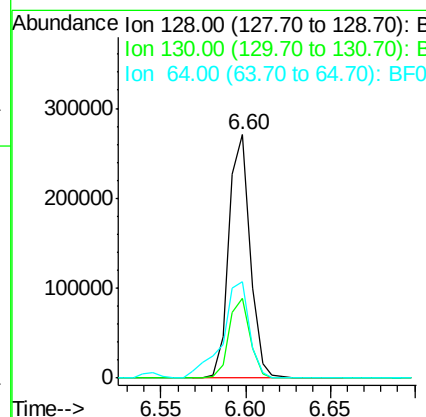
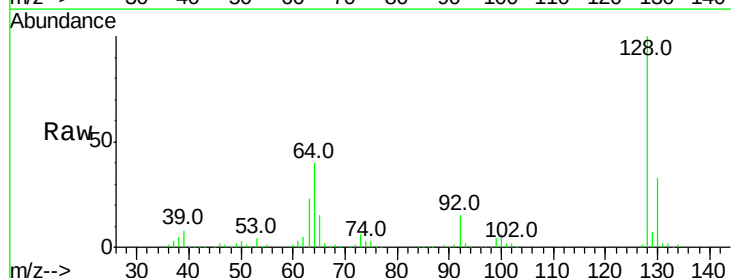
RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

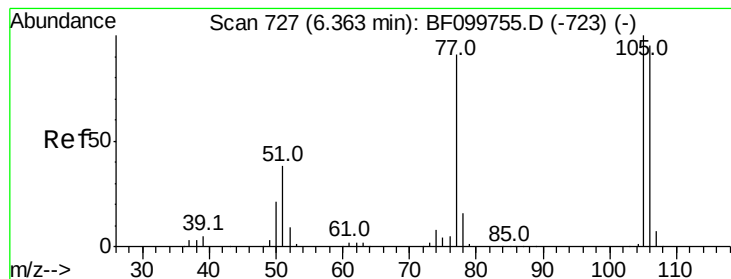
Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 236514 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.7  | 13.0  | 53.0   |
| 64        | 39.7  | 29.4  | 69.4   |







#9

Benzaldehyde

Concen: 33.359 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA\_F

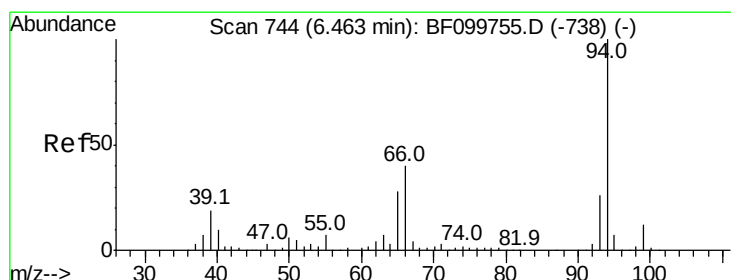
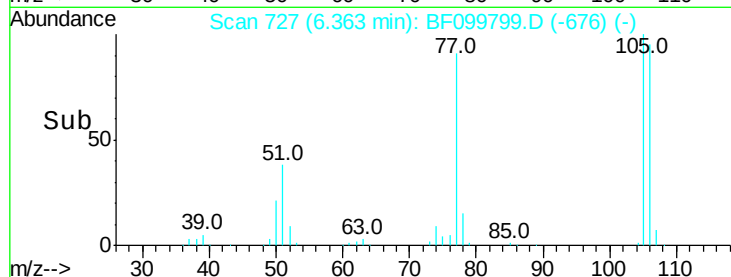
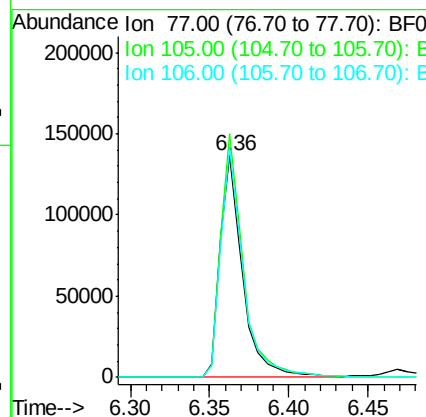
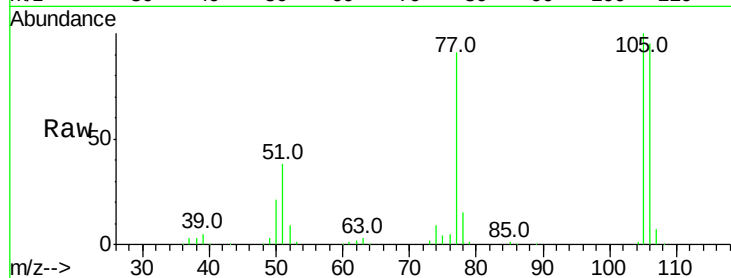
ClientSampleId :

EPE-M-6(50-52)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 134452 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 110.0 | 81.1  | 121.1  |
| 106       | 104.0 | 74.5  | 114.5  |

Manual Integrations  
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#10

Phenol

Concen: 39.066 ng

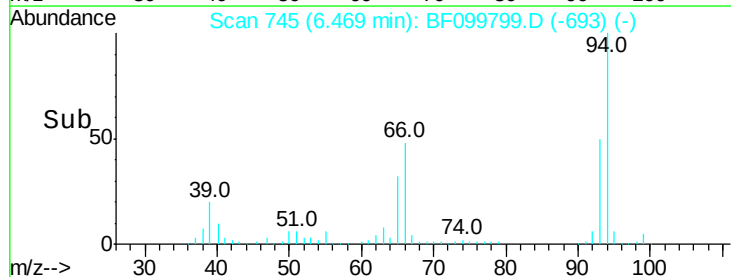
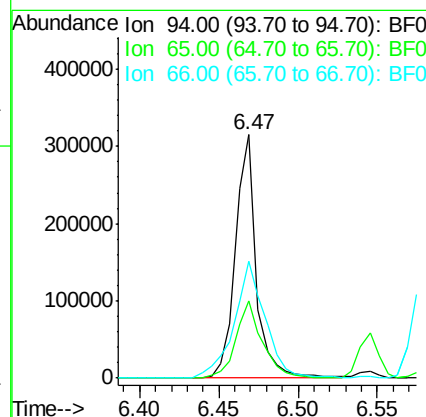
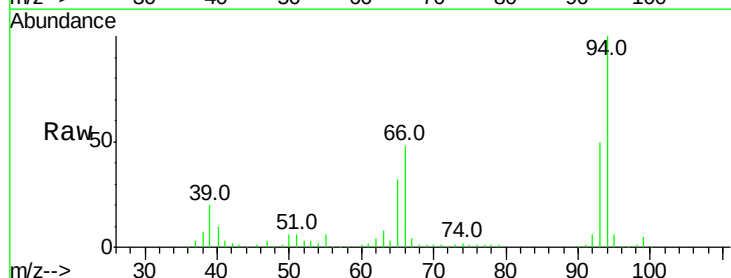
RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

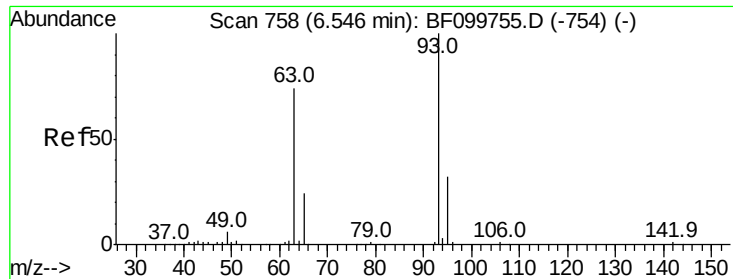
Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 289296 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 31.7  | 7.9   | 47.9   |
| 66        | 47.9  | 16.2  | 56.2   |







#11

bis(2-Chloroethyl)ether

Concen: 38.207 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA\_F

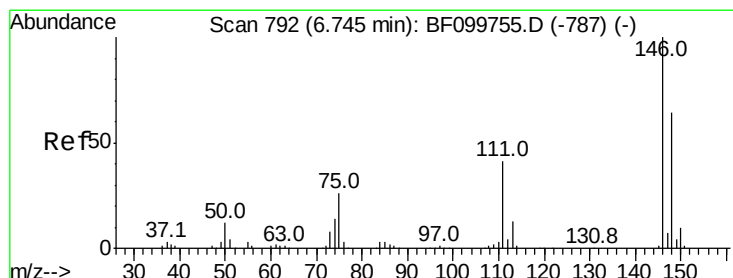
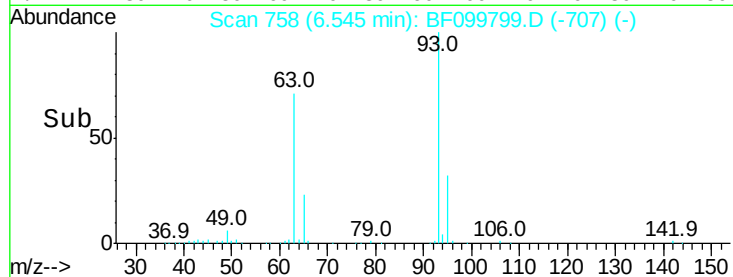
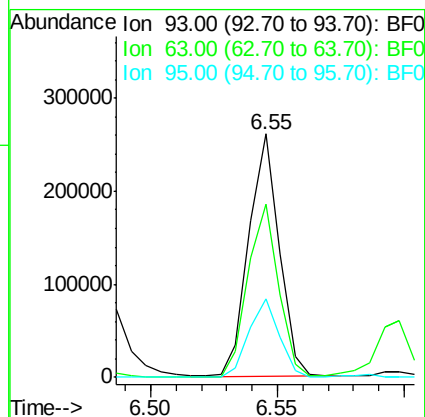
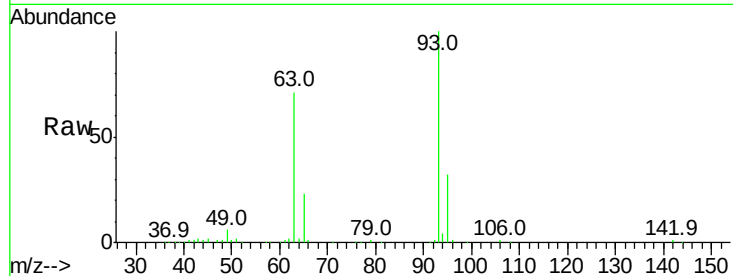
ClientSampleId :

EPE-M-6(50-52)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 218489 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 71.0  | 58.6  | 98.6   |
| 95        | 32.3  | 11.8  | 51.8   |

Manual Integrations  
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#12

1,3-Dichlorobenzene

Concen: 36.805 ng

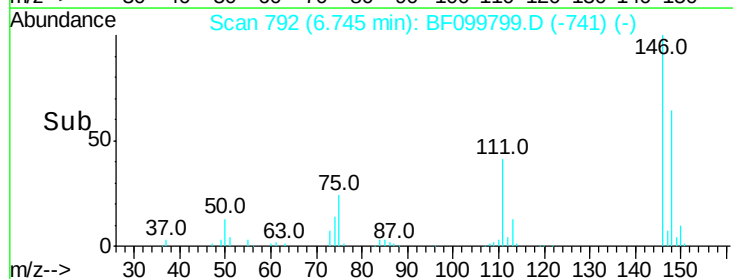
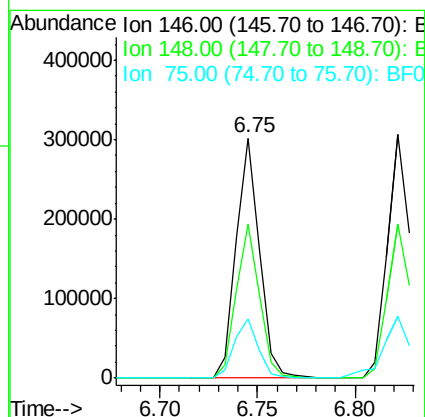
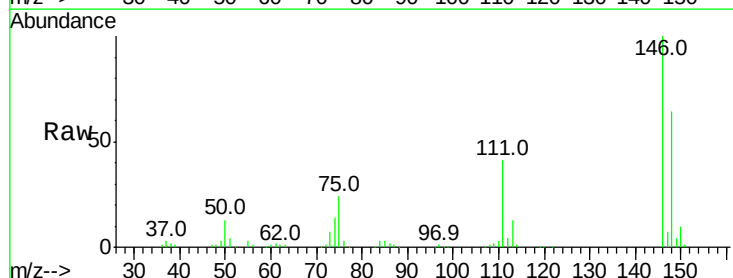
RT: 6.75 min Scan# 792

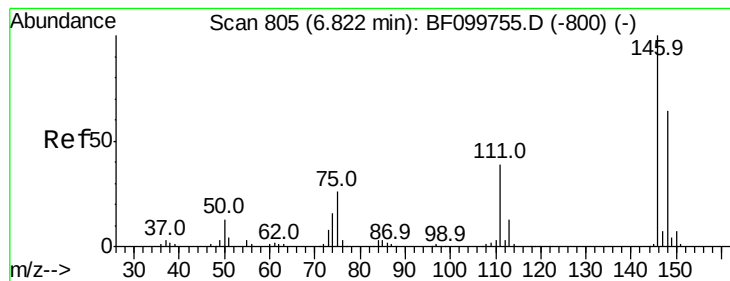
Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 250539 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.2  | 51.8  | 77.8   |
| 75        | 24.5  | 24.2  | 36.4   |





#13

1,4-Dichlorobenzene

Concen: 37.041 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA\_F

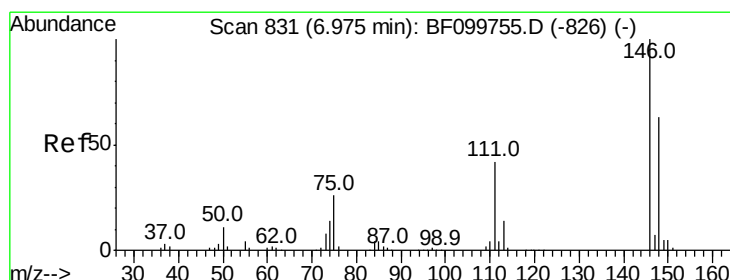
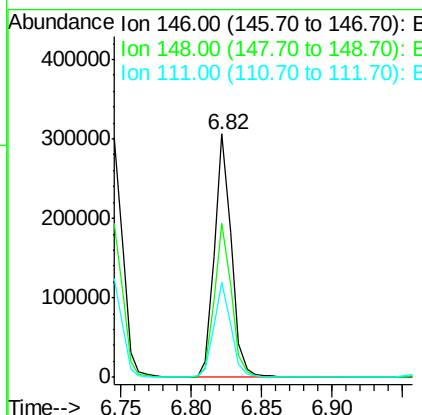
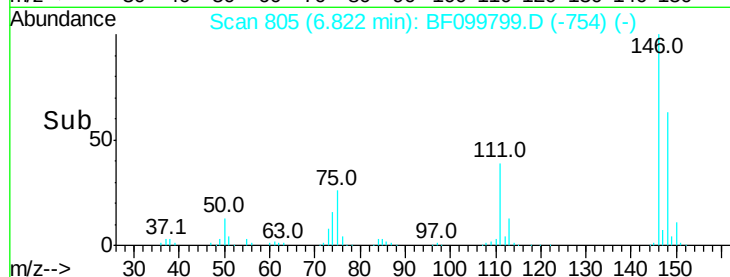
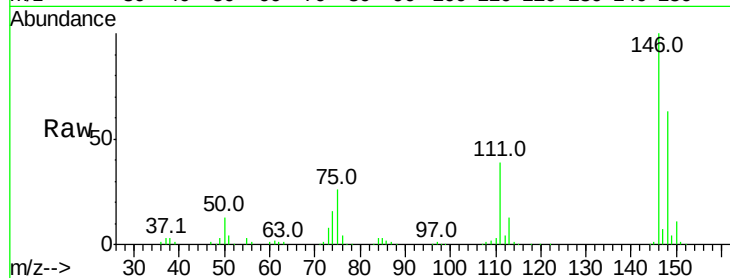
ClientSampleId :

EPE-M-6(50-52)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 255906 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.2  | 50.8  | 76.2   |
| 111       | 39.3  | 34.2  | 51.2   |

Manual Integrations  
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#14

1,2-Dichlorobenzene

Concen: 36.815 ng

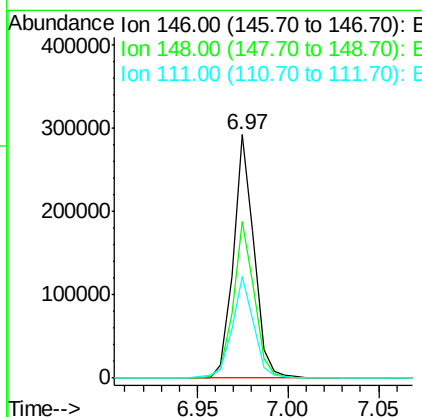
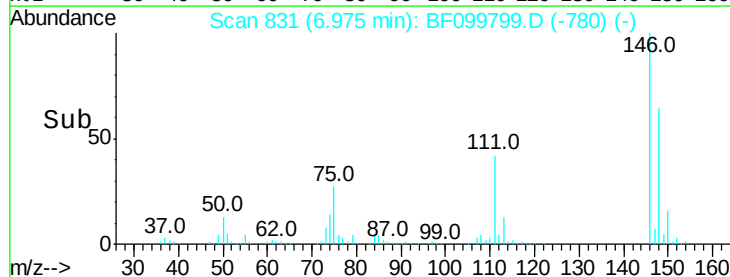
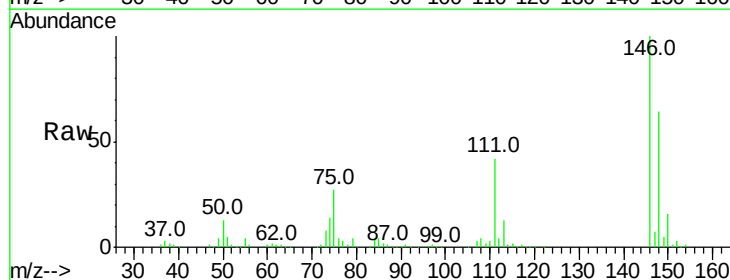
RT: 6.97 min Scan# 831

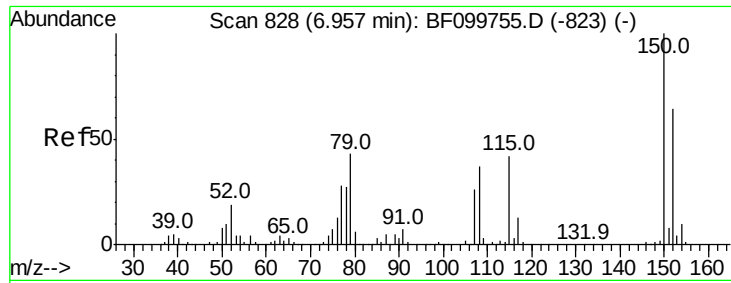
Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 231803 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.2  | 50.6  | 75.8   |
| 111       | 41.8  | 36.0  | 54.0   |





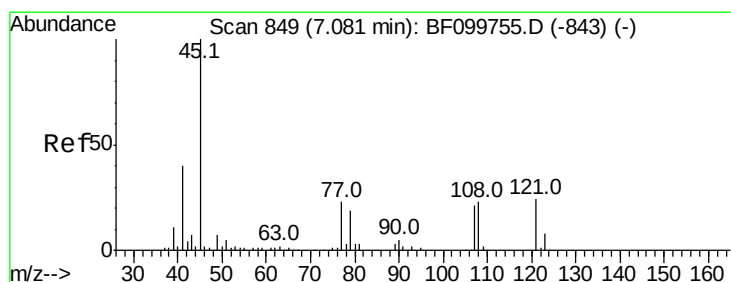
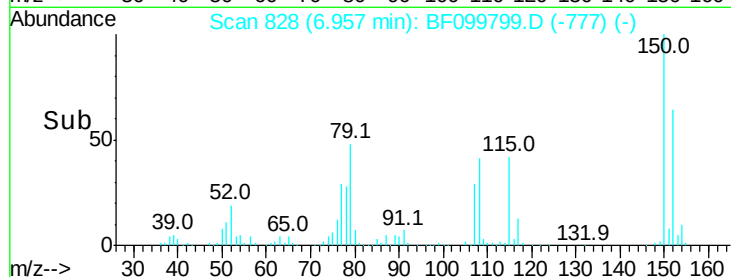
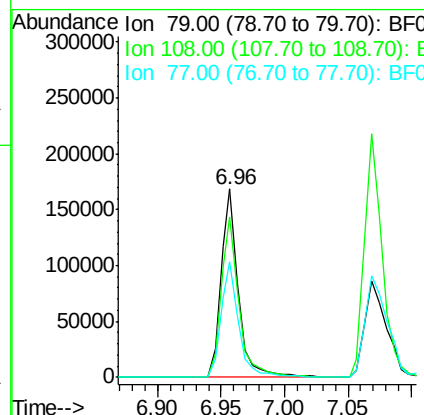
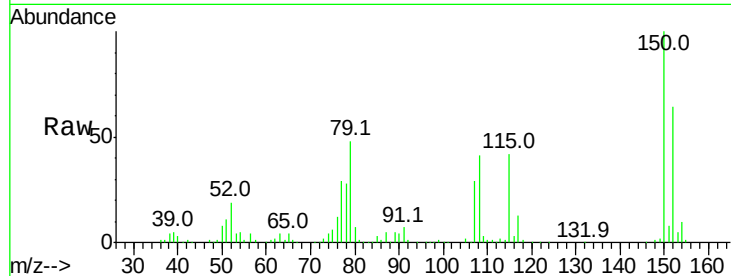
#15  
Benzyl Alcohol  
Concen: 37.984 ng  
RT: 6.96 min Scan# 828  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

Instrument :  
BNA\_F  
ClientSampleId :  
EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 85.2  | 65.1  | 97.7  |
| 77      | 61.4  | 50.6  | 75.8  |

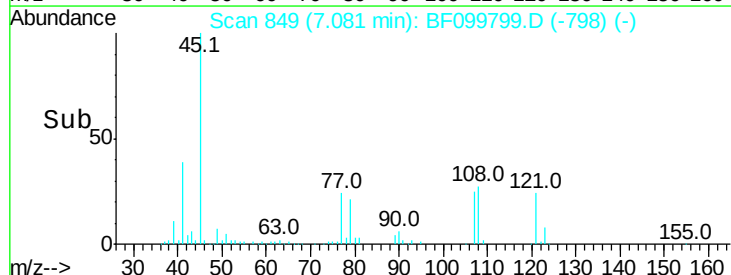
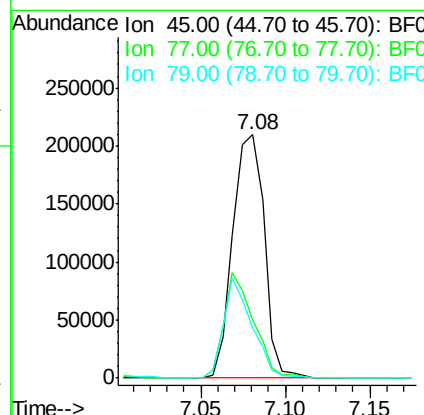
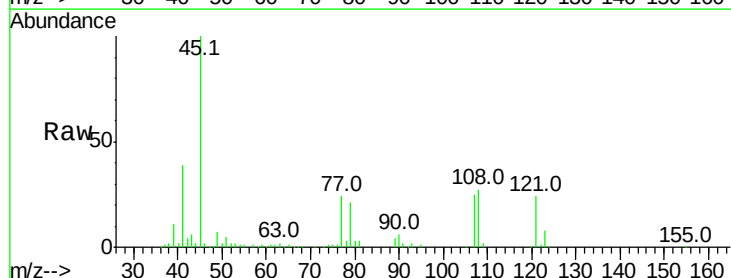
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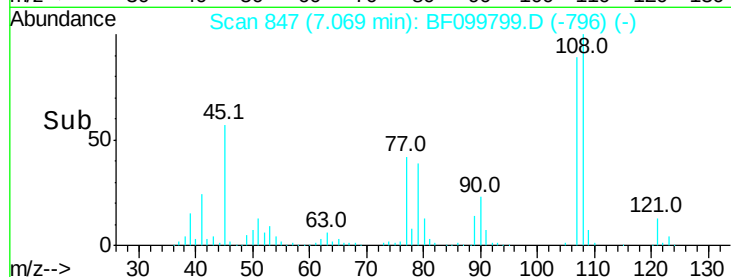
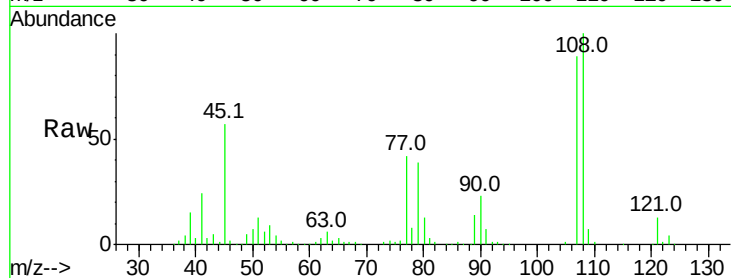
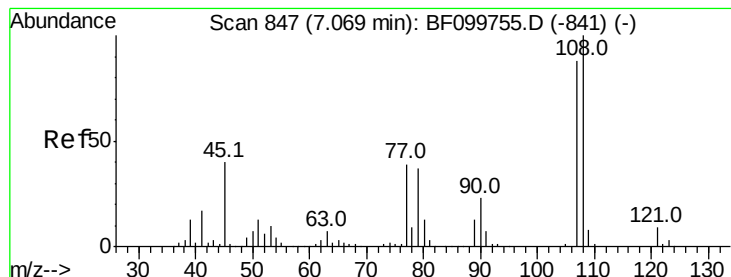
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 43.018 ng  
RT: 7.08 min Scan# 849  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 23.7  | 0.0   | 32.9  |
| 79      | 20.5  | 0.0   | 29.6  |





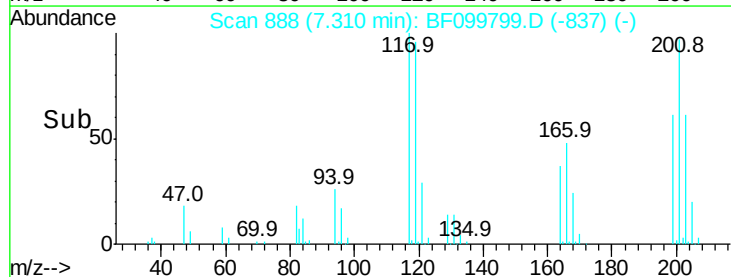
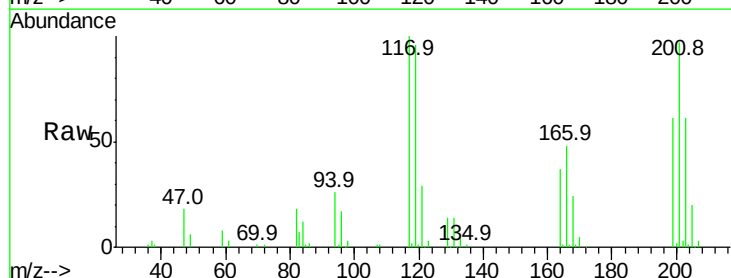
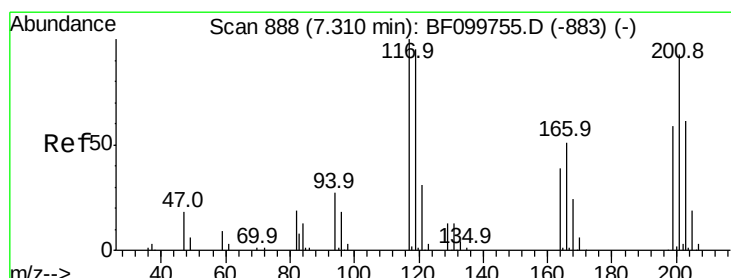
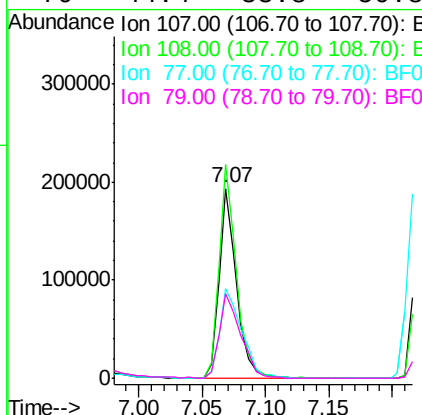
#17  
2-Methylphenol  
Concen: 36.929 ng  
RT: 7.07 min Scan# 847  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 187273 |       |       |
| 108     | 112.6 | 91.7   | 137.5 |       |
| 77      | 47.1  | 33.8   | 50.8  |       |
| 79      | 44.4  | 33.8   | 50.8  |       |

Instrument :  
BNA\_F  
ClientSampleId :  
EPE-M-6(50-52)MSD

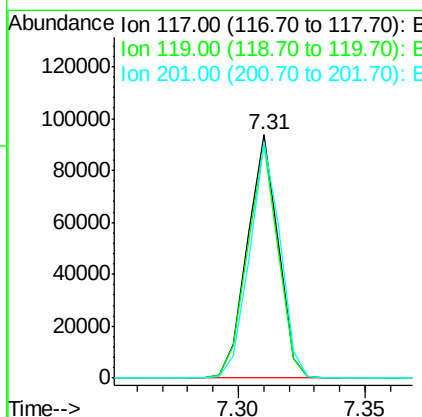
Manual Integrations  
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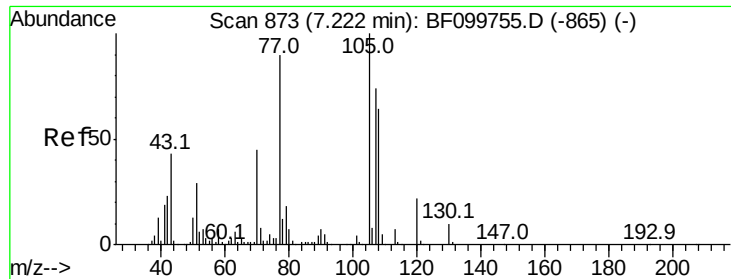
Sohil  
10/25/2017 6:25:52 PM



#18  
Hexachloroethane  
Concen: 34.521 ng  
RT: 7.31 min Scan# 888  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 79568 |       |       |
| 119     | 96.2  | 75.8  | 113.8 |       |
| 201     | 97.1  | 75.7  | 113.5 |       |





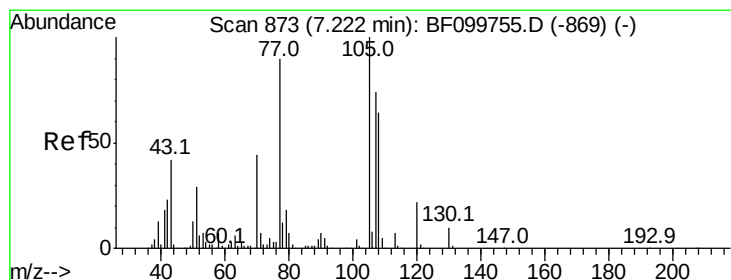
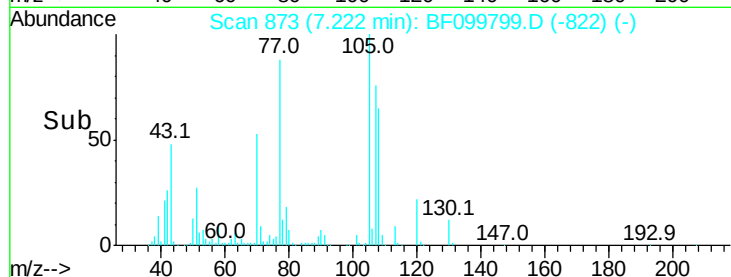
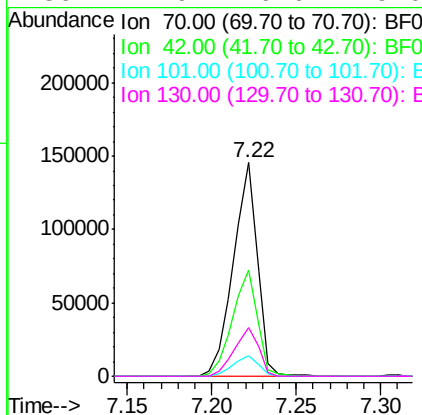
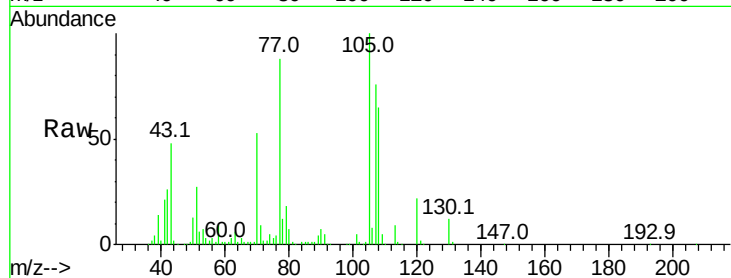
#19  
n-Nitroso-di-n-propylamine  
Concen: 36.414 ng  
RT: 7.22 min Scan# 873  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

Instrument :  
BNA\_F  
ClientSampleId :  
EPE-M-6(50-52)MSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 49.5 | 47.5  | 71.3  |       |
| 101     | 9.8  | 7.4   | 11.2  |       |
| 130     | 22.9 | 16.6  | 25.0  |       |

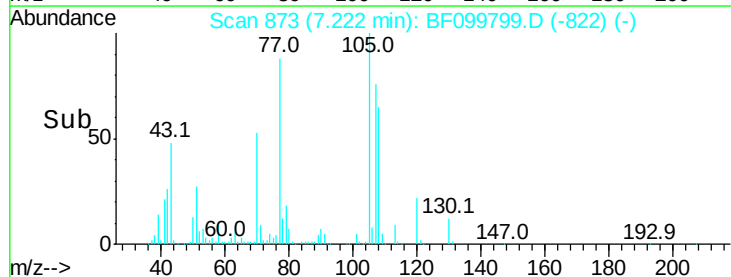
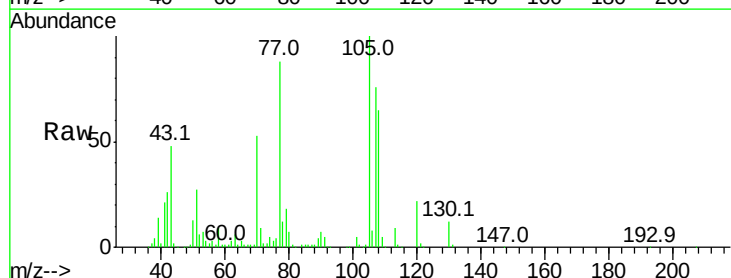
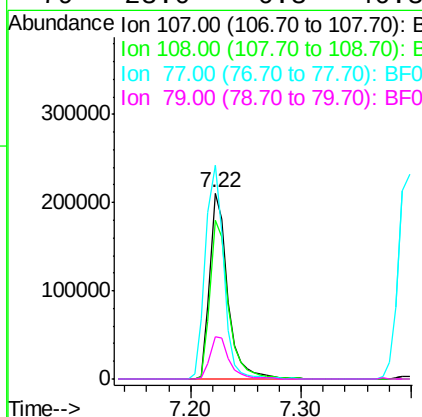
Manual Integrations  
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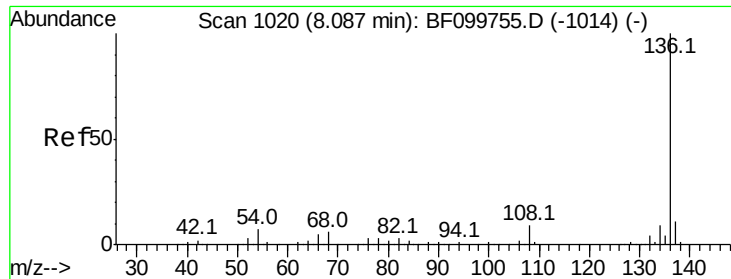
Sohil  
10/25/2017 6:25:52 PM



#20  
3+4-Methylphenols  
Concen: 39.543 ng  
RT: 7.22 min Scan# 873  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   |       |       |       |
| 108     | 85.4  | 68.2  | 108.2 |       |
| 77      | 114.9 | 26.7  | 66.7# |       |
| 79      | 23.0  | 6.3   | 46.3  |       |





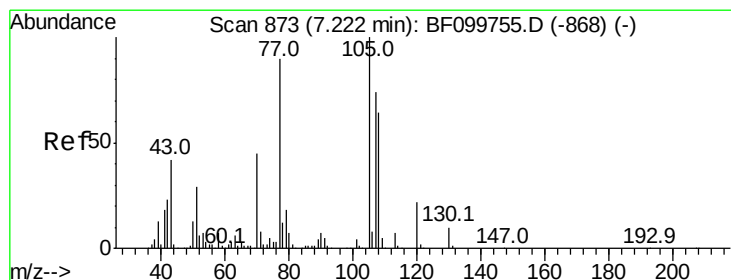
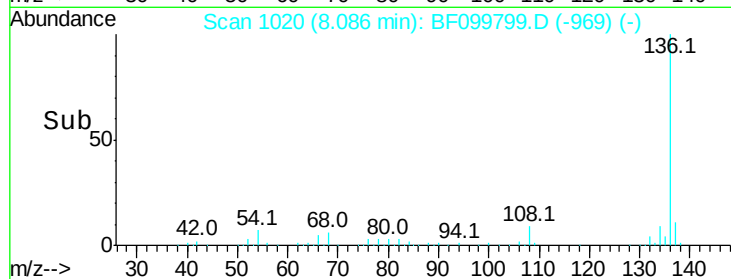
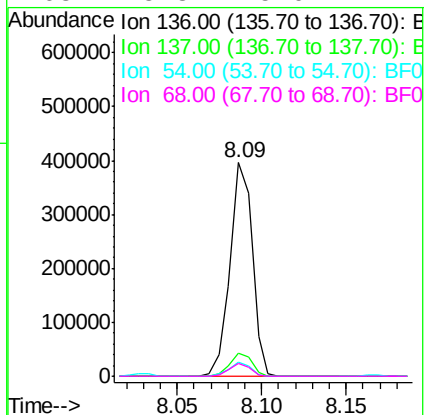
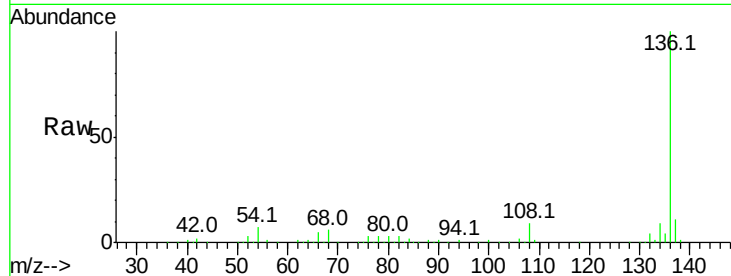
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.09 min Scan# 1020  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

Instrument :  
BNA\_F  
ClientSampleId :  
EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.8  | 8.9  | 13.3  |       |
| 54      | 6.9   | 6.6  | 9.8   |       |
| 68      | 5.8   | 5.0  | 7.4   |       |

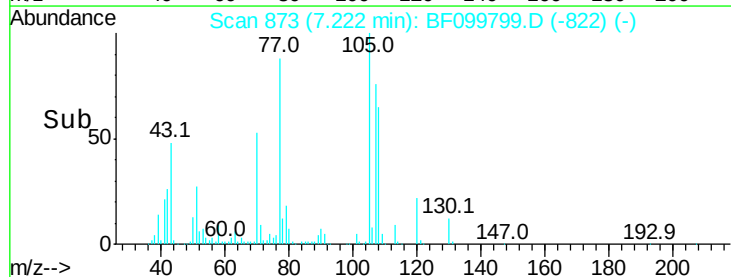
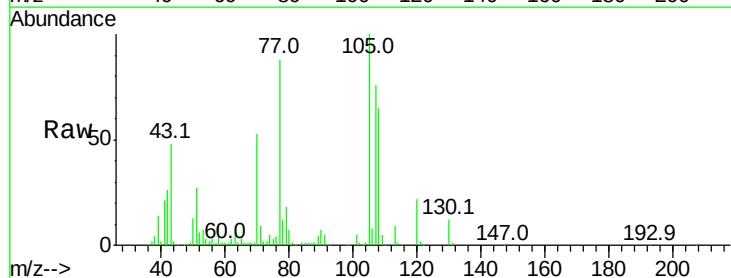
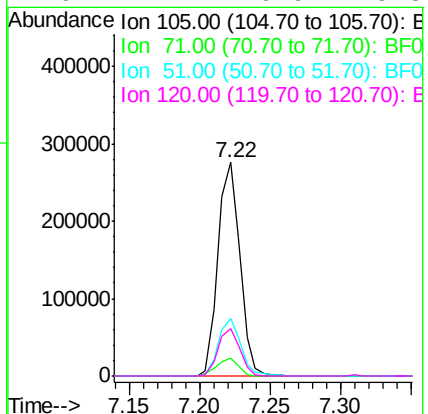
Manual Integrations  
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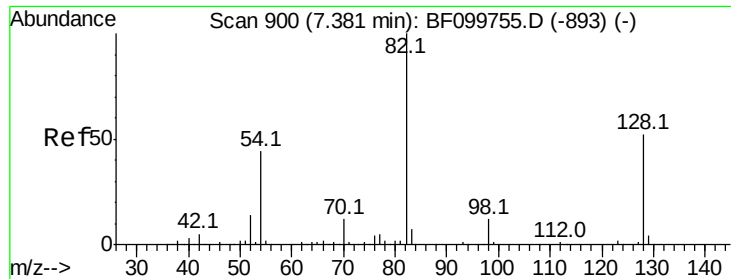
Sohil  
10/25/2017 6:25:52 PM



#22  
Acetophenone  
Concen: 36.245 ng  
RT: 7.22 min Scan# 873  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 8.6   | 4.4  | 6.6#  |       |
| 51      | 27.2  | 22.3 | 33.5  |       |
| 120     | 22.2  | 16.9 | 25.3  |       |





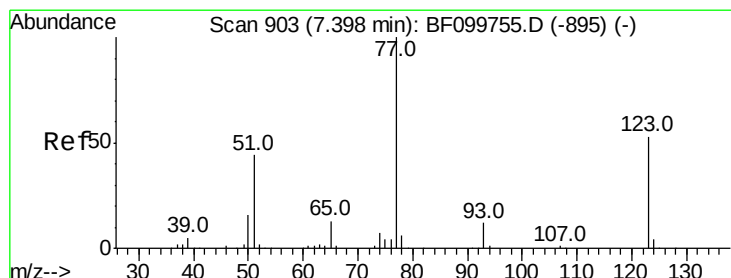
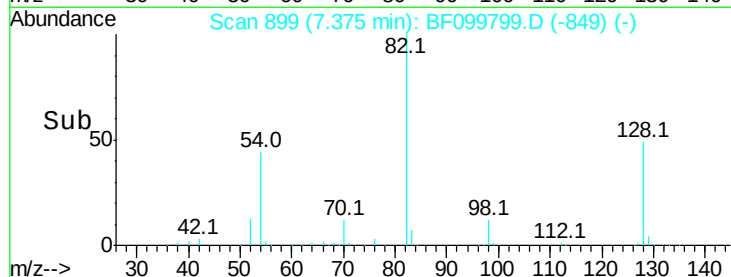
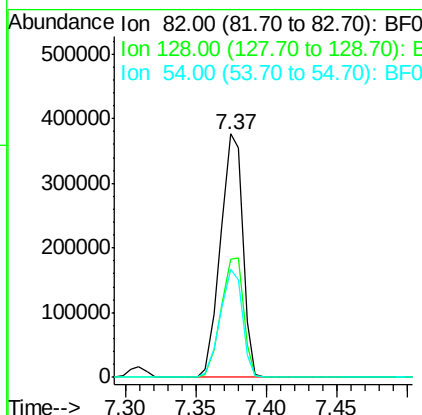
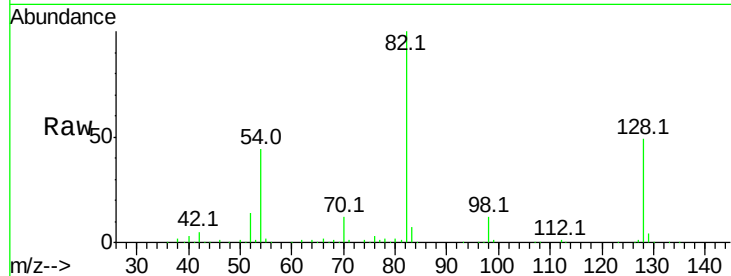
#23  
 Nitrobenzene-d5  
 Concen: 73.196 ng  
 RT: 7.37 min Scan# 899  
 Delta R.T. -0.01 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 48.7  | 36.1 | 54.1  |       |
| 54      | 44.4  | 41.4 | 62.2  |       |

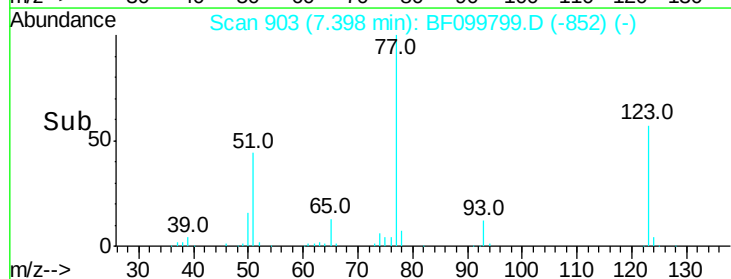
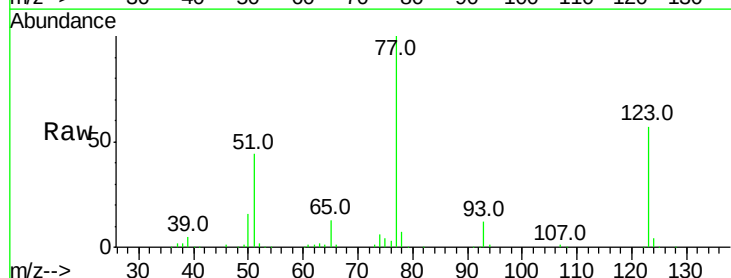
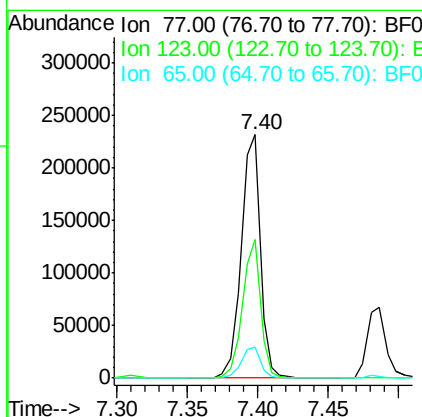
Manual Integrations  
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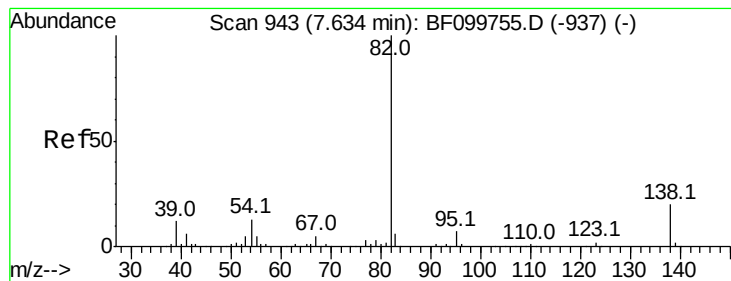


#24  
 Nitrobenzene  
 Concen: 38.799 ng  
 RT: 7.40 min Scan# 903  
 Delta R.T. -0.00 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 56.9  | 37.9 | 56.9# |       |
| 65      | 12.6  | 11.0 | 16.4  |       |







#25

Isophorone

Concen: 40.405 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA\_F

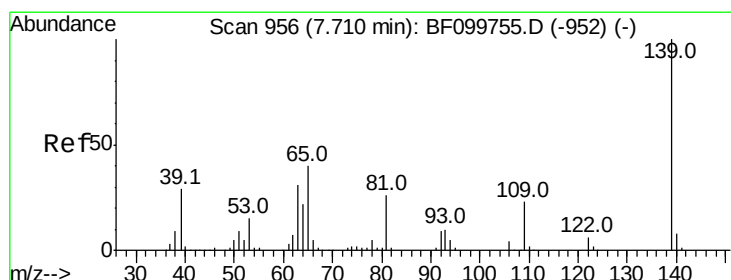
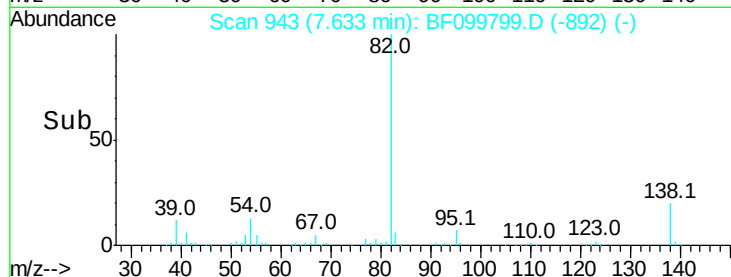
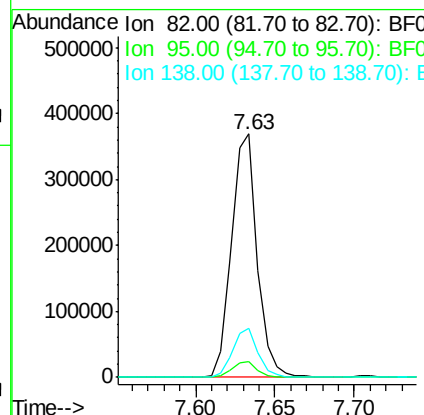
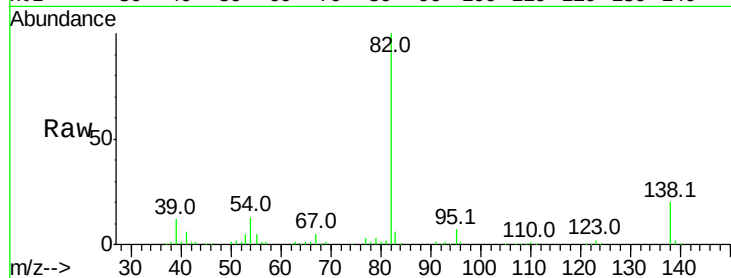
ClientSampleId :

EPE-M-6(50-52)MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 413485 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.6  | 5.2   | 7.8    |
| 138       | 20.1 | 14.9  | 22.3   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 36.210 ng

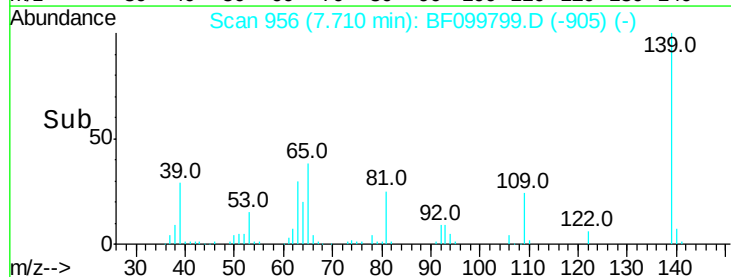
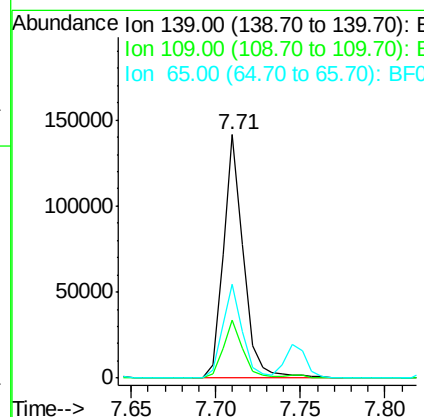
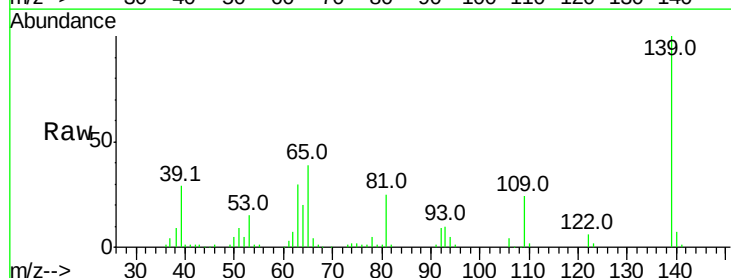
RT: 7.71 min Scan# 956

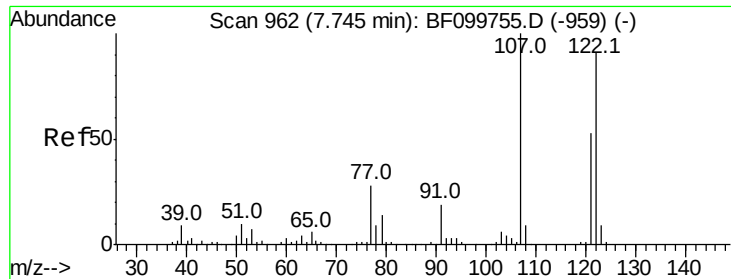
Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 117849 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 24.0 | 22.7  | 34.1   |
| 65        | 38.8 | 40.5  | 60.7#  |





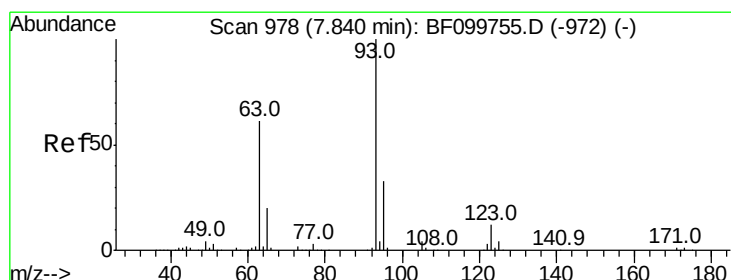
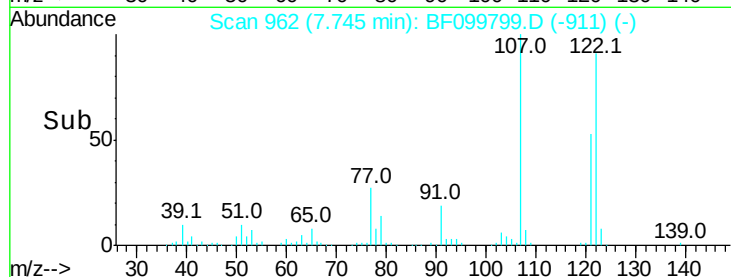
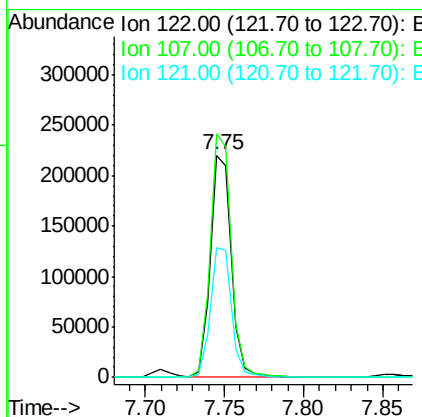
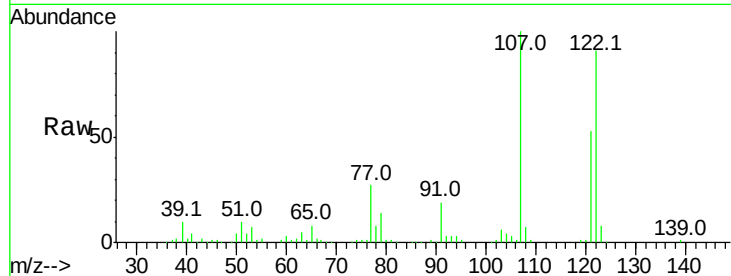
#27  
2,4-Dimethylphenol  
Concen: 42.478 ng  
RT: 7.75 min Scan# 962  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

Instrument :  
BNA\_F  
ClientSampleId :  
EPE-M-6(50-52)MSD

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 122     | 100   |       | 203698 |       |       |
| 107     | 109.5 | 91.2  | 136.8  |       |       |
| 121     | 58.2  | 47.2  | 70.8   |       |       |

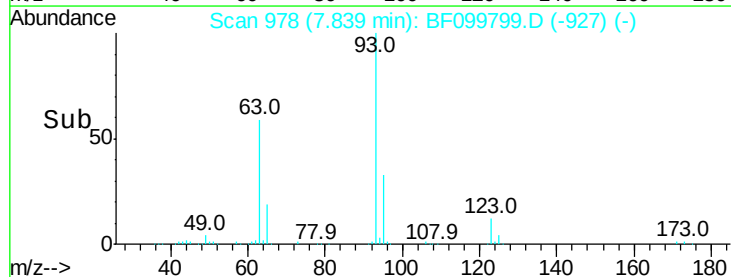
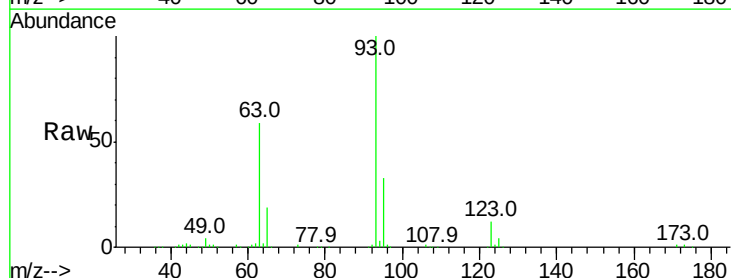
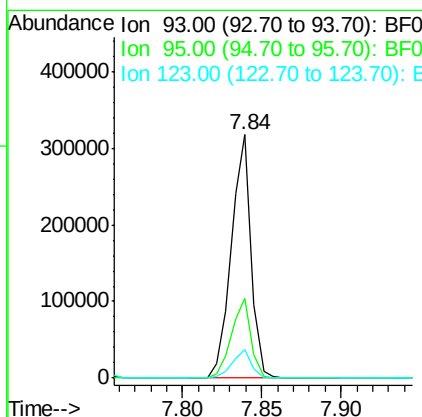
Manual Integrations  
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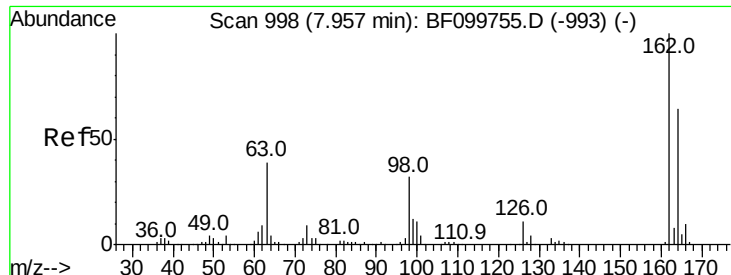
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#28  
bis(2-Chloroethoxy)methane  
Concen: 38.242 ng  
RT: 7.84 min Scan# 978  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 274075 |       |       |
| 95      | 32.6 | 26.3  | 39.5   |       |       |
| 123     | 11.9 | 9.8   | 14.6   |       |       |





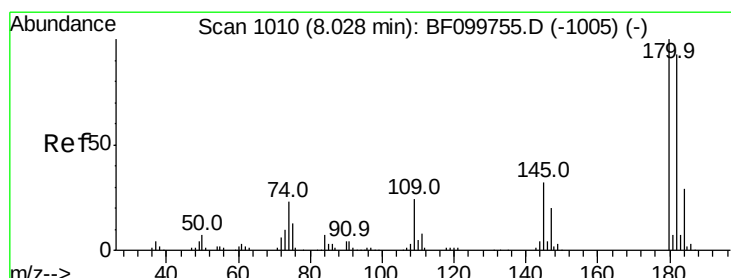
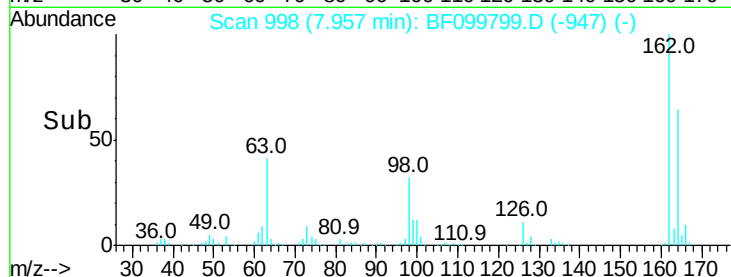
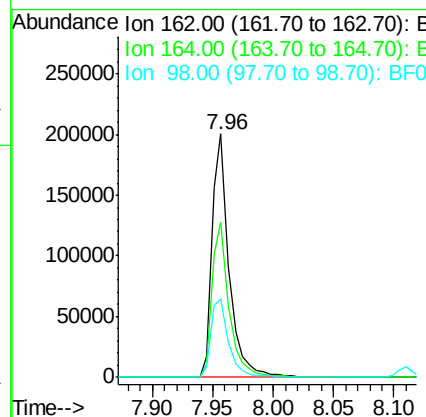
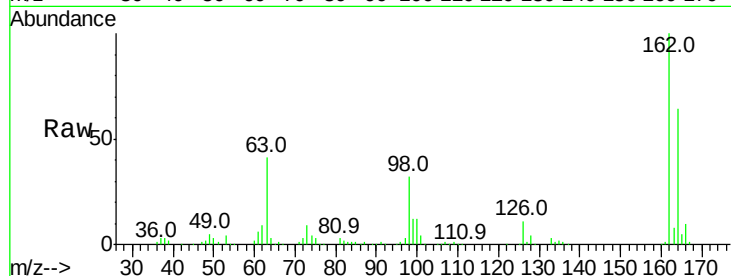
#29  
 2,4-Dichlorophenol  
 Concen: 39.109 ng  
 RT: 7.96 min Scan# 998  
 Delta R.T. -0.00 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 194825 |       |       |
| 164     | 64.0  |        | 42.7  | 82.7  |
| 98      | 32.5  |        | 18.1  | 58.1  |

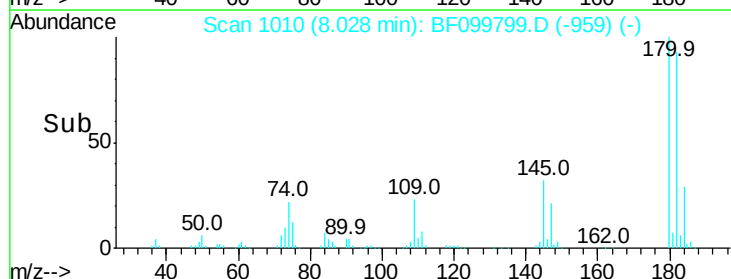
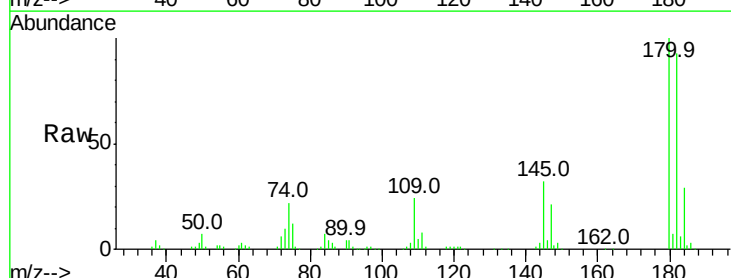
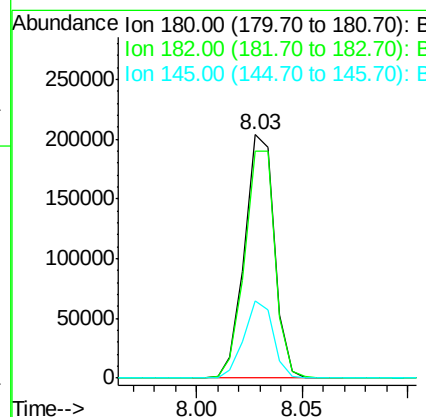
Manual Integrations  
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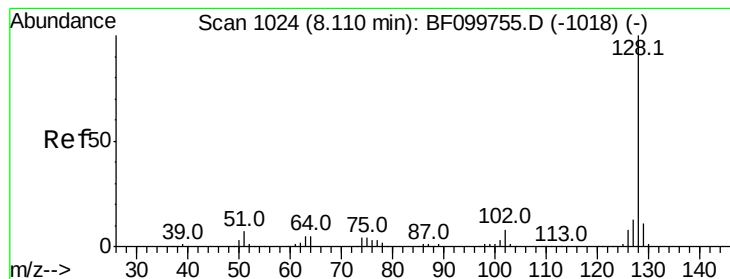
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.431 ng  
 RT: 8.03 min Scan# 1010  
 Delta R.T. -0.00 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 199229 |       |       |
| 182     | 93.0  |        | 76.8  | 115.2 |
| 145     | 32.0  |        | 26.5  | 39.7  |





#31

Naphthalene

Concen: 37.052 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA\_F

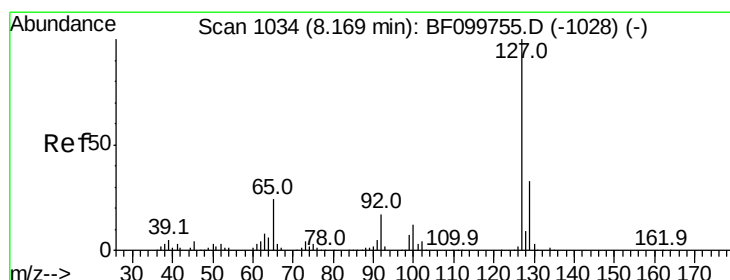
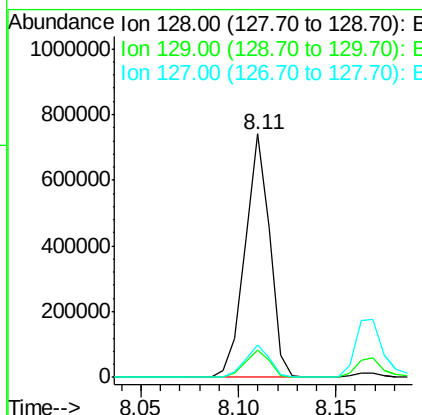
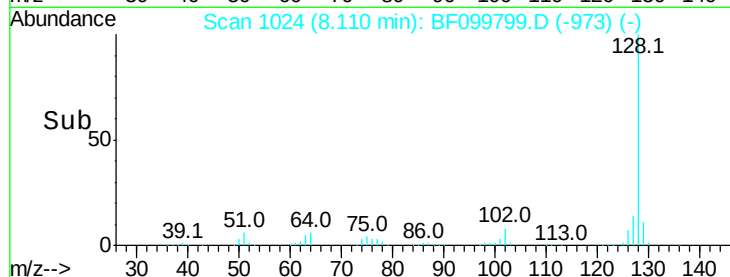
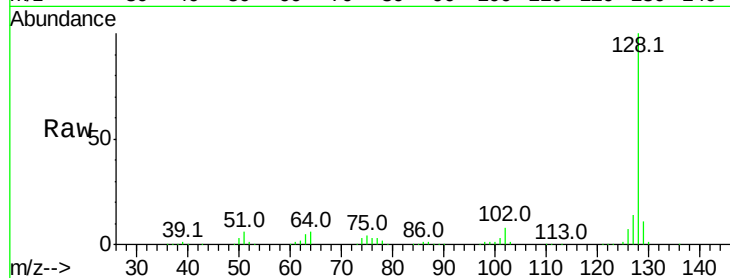
ClientSampleId :

EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 8.8   | 13.2  |
| 127     | 13.5  | 10.9  | 16.3  |

Manual Integrations  
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#33

4-Chloroaniline

Concen: 25.272 ng

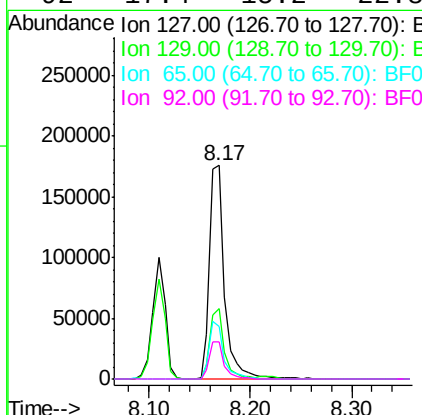
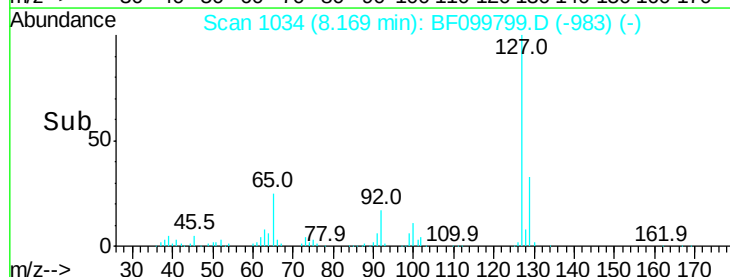
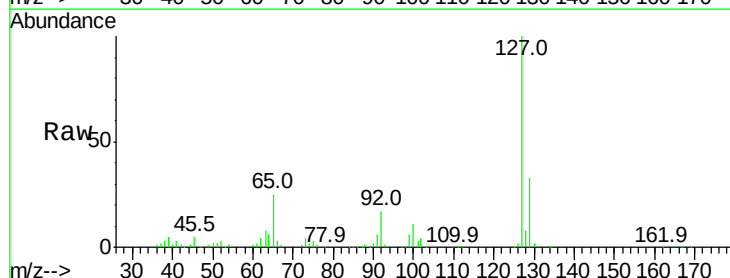
RT: 8.17 min Scan# 1034

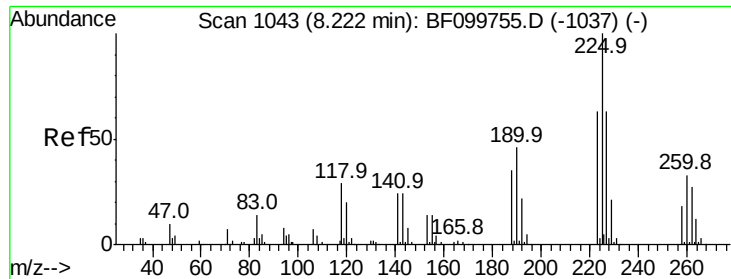
Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 33.0  | 25.9  | 38.9  |
| 65      | 24.7  | 25.0  | 37.4  |
| 92      | 17.4  | 15.2  | 22.8  |





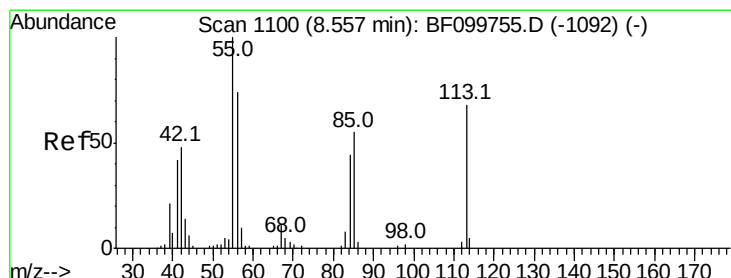
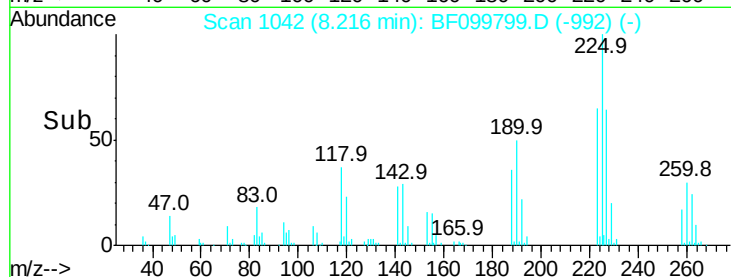
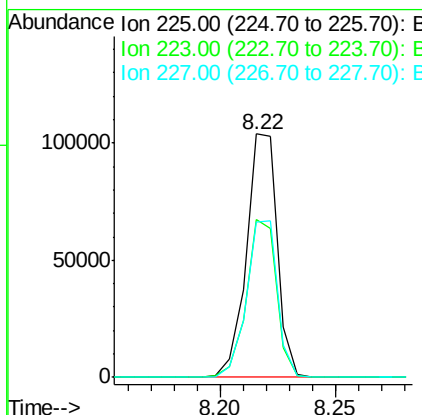
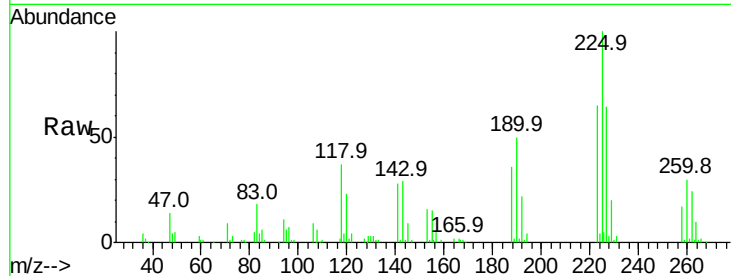
#34  
 Hexachlorobutadiene  
 Concen: 35.523 ng  
 RT: 8.22 min Scan# 1042  
 Delta R.T. -0.01 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EPE-M-6(50-52)MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 225   | Resp: | 97254 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 64.7  | 50.6  | 76.0  |
| 227       | 63.6  | 51.9  | 77.9  |

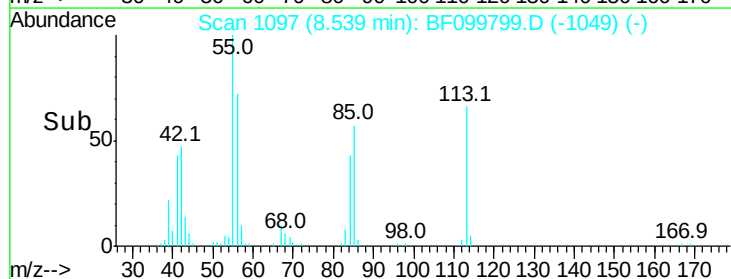
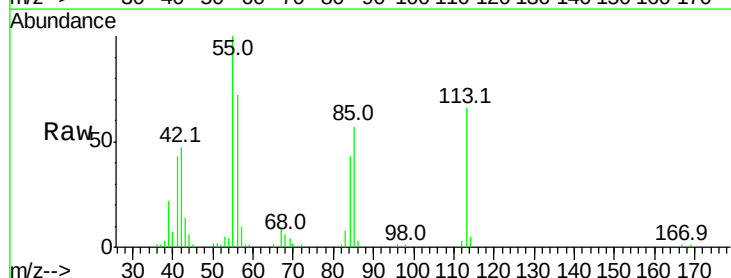
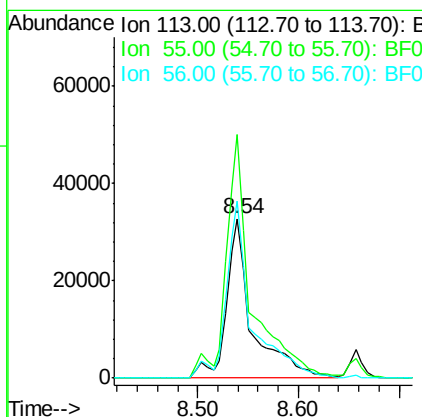
Manual Integrations  
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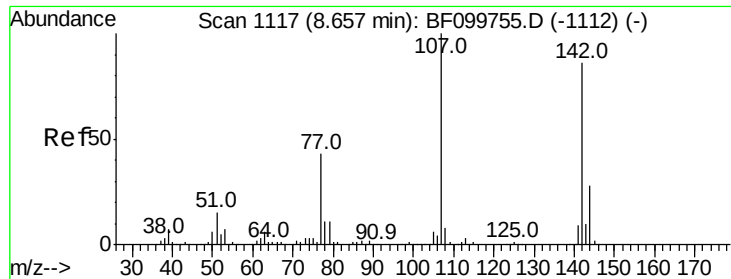
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#35  
 Caprolactam  
 Concen: 37.511 ng m  
 RT: 8.54 min Scan# 1097  
 Delta R.T. -0.02 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 58764  |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 152.6 | 163.3 | 203.3# |
| 56        | 110.6 | 115.7 | 155.7# |





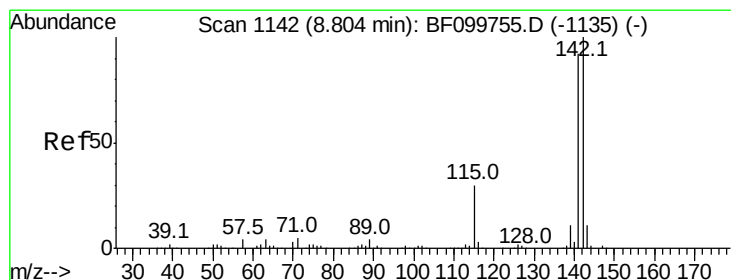
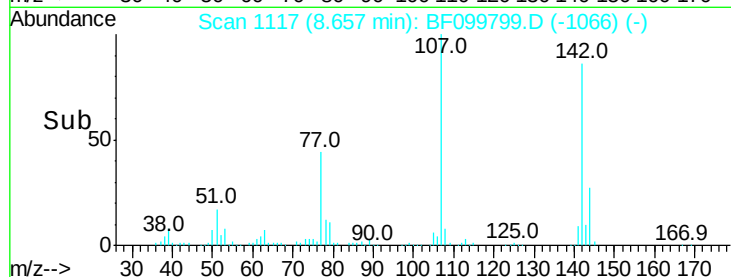
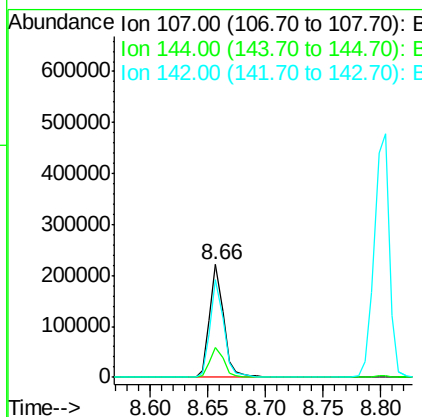
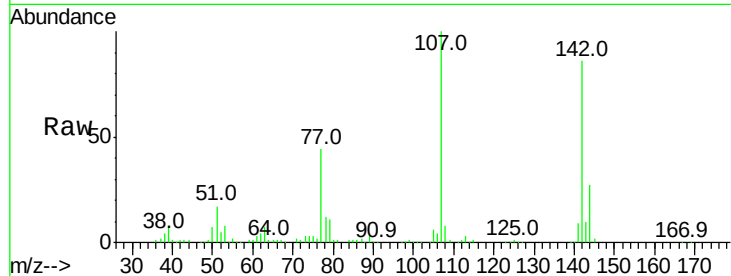
#36  
4-Chloro-3-methylphenol  
Concen: 37.080 ng  
RT: 8.66 min Scan# 1117  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

Instrument :  
BNA\_F  
ClientSampleId :  
EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.9  | 20.5  | 30.7  |
| 142     | 86.5  | 62.0  | 93.0  |

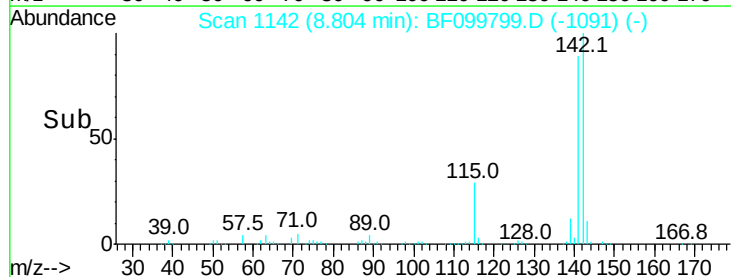
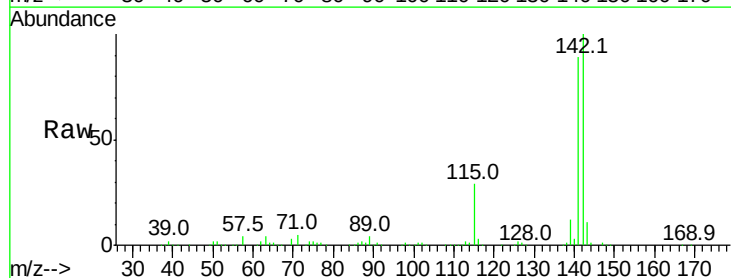
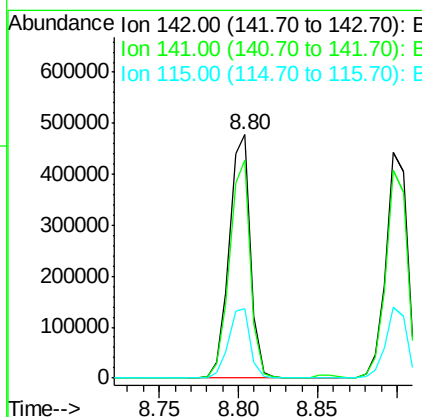
Manual Integrations  
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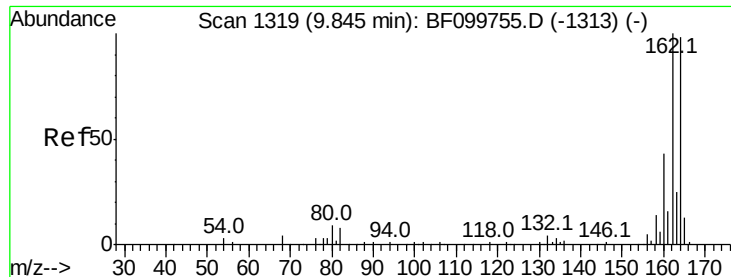
Sohil  
10/25/2017 6:25:52 PM



#37  
2-Methylnaphthalene  
Concen: 37.750 ng  
RT: 8.80 min Scan# 1142  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.4  | 70.8  | 106.2 |
| 115     | 28.6  | 26.1  | 39.1  |





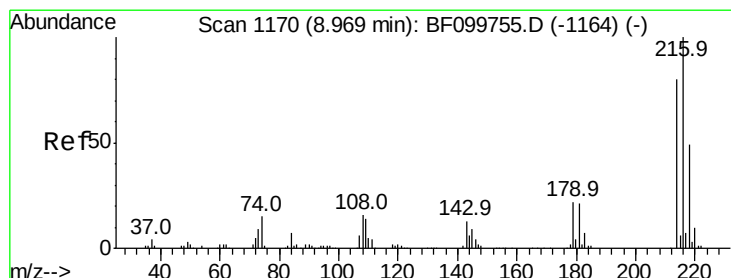
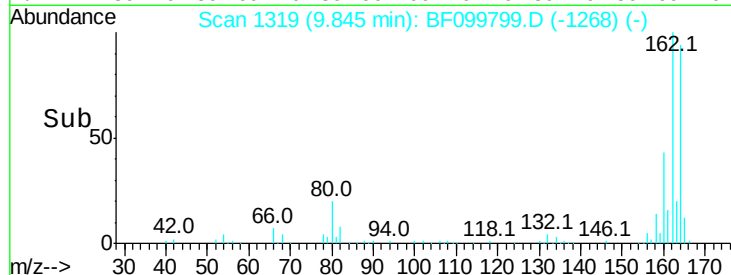
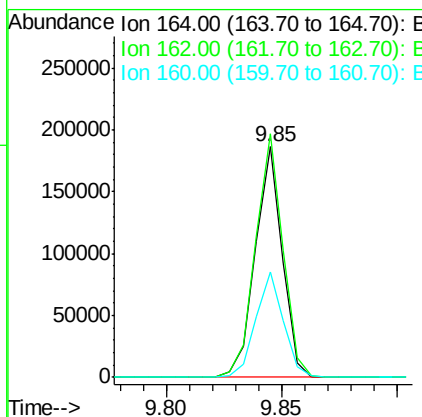
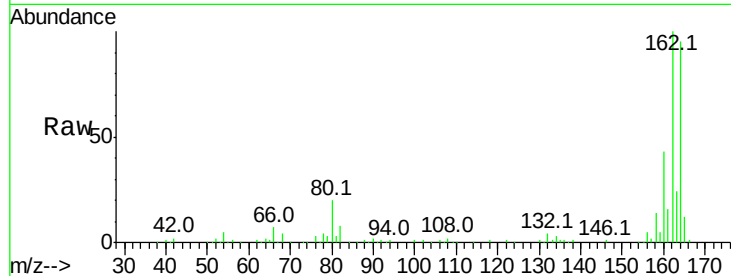
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.85 min Scan# 1319  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

Instrument :  
BNA\_F  
ClientSampleId :  
EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.7 | 86.1  | 129.1 |
| 160     | 45.6  | 38.3  | 57.5  |

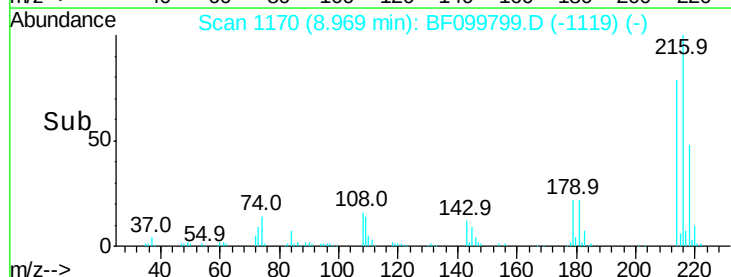
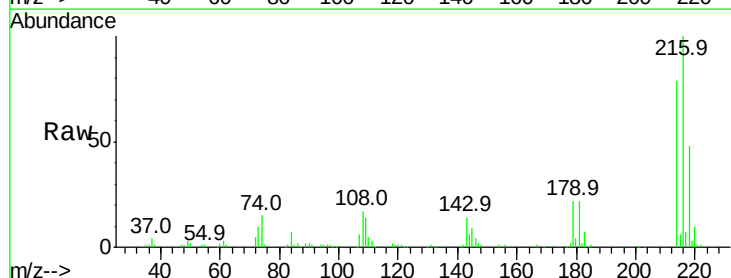
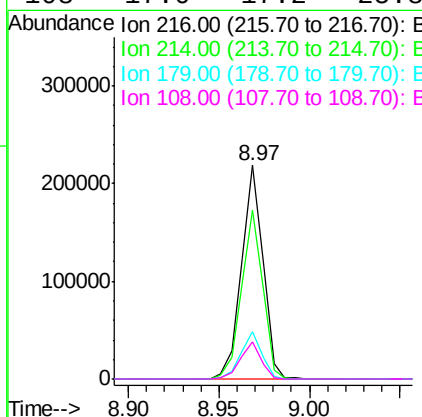
Manual Integrations  
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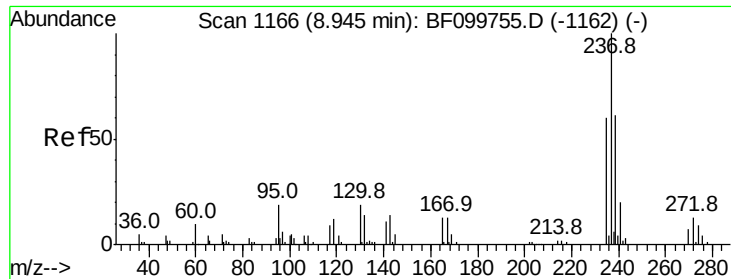
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#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 36.497 ng  
RT: 8.97 min Scan# 1170  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.3  | 63.0  | 94.4  |
| 179     | 21.7  | 18.1  | 27.1  |
| 108     | 17.0  | 17.2  | 25.8# |





#40

Hexachlorocyclopentadiene

Concen: 18.259 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA\_F

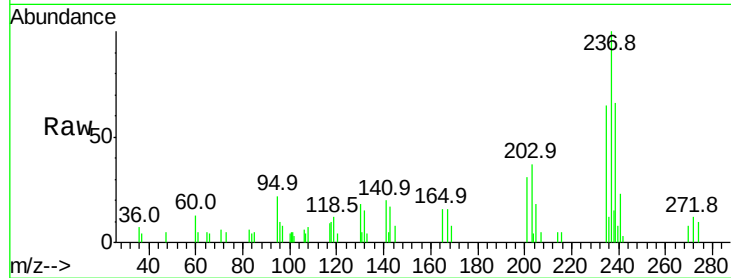
ClientSampleId :

EPE-M-6(50-52)MSD

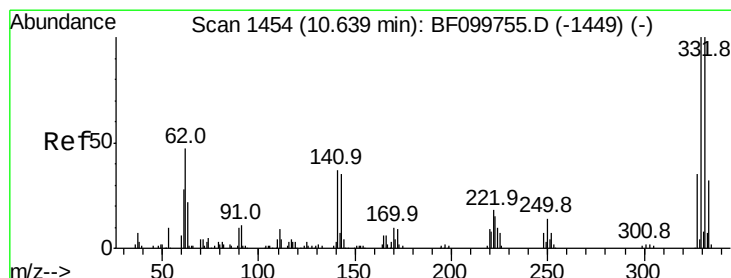
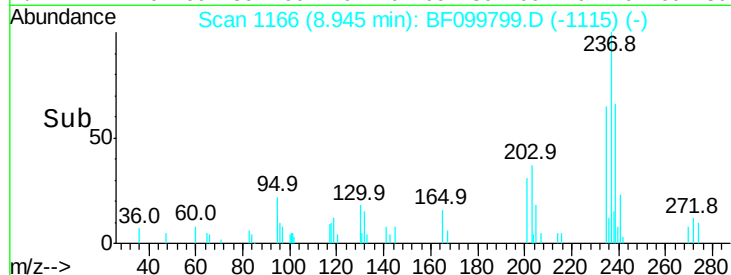
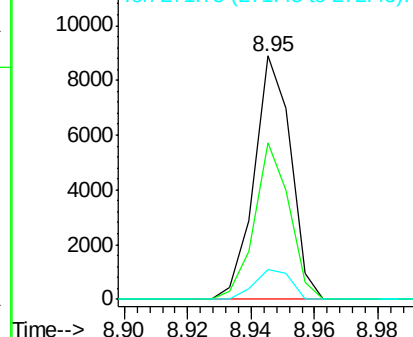
|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 237   | Resp: | 7084 |
| Ion Ratio | Lower | Upper |      |
| 237       | 100   |       |      |
| 235       | 64.5  | 44.8  | 84.8 |
| 272       | 12.5  | 0.0   | 33.3 |

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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: 90.936 ng

RT: 10.64 min Scan# 1454

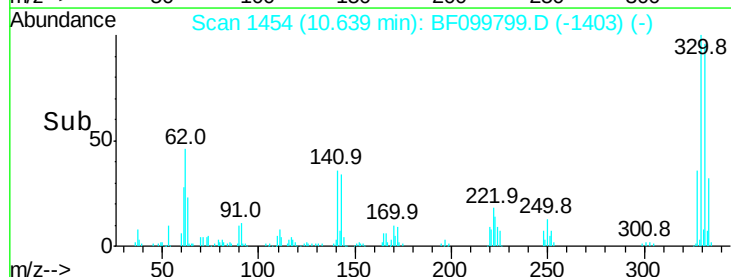
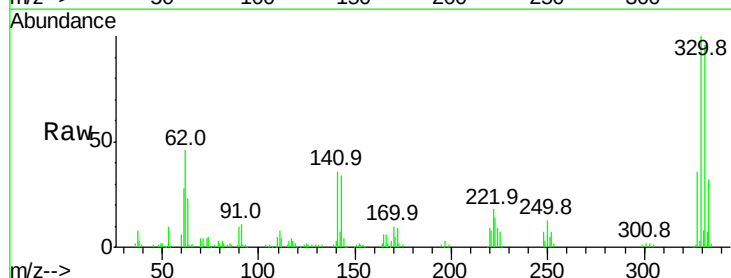
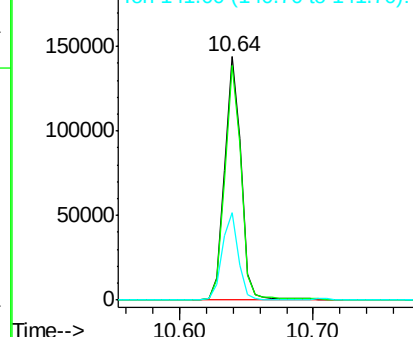
Delta R.T. -0.00 min

Lab File: BF099799.D

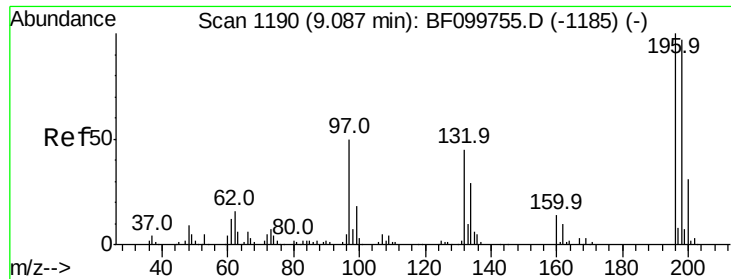
Acq: 24 Oct 2017 20:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 126240 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.8  | 77.0  | 115.6  |
| 141       | 35.3  | 29.9  | 44.9   |

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







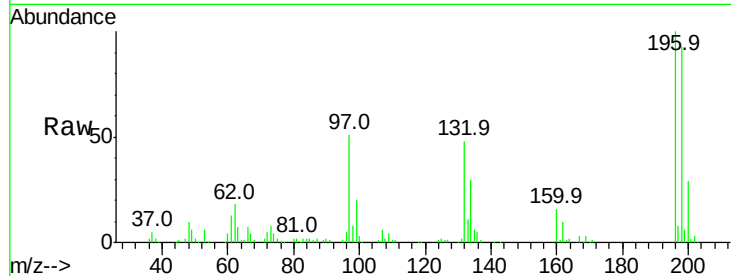
#42  
 2,4,6-Trichlorophenol  
 Concen: 40.387 ng  
 RT: 9.09 min Scan# 1190  
 Delta R.T. -0.00 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 120192 |       |       |
| 198     | 93.3  | 75.7   | 113.5 |       |
| 200     | 28.8  | 24.5   | 36.7  |       |

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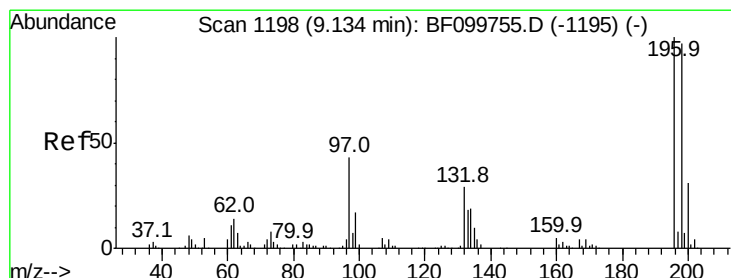
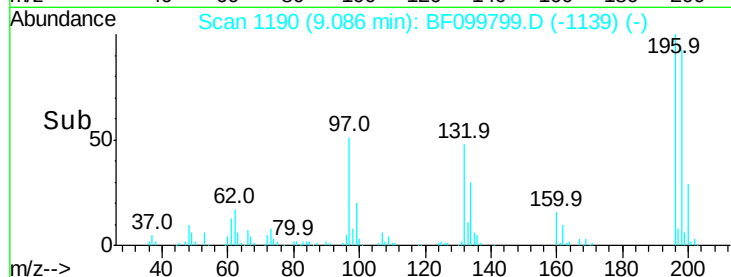
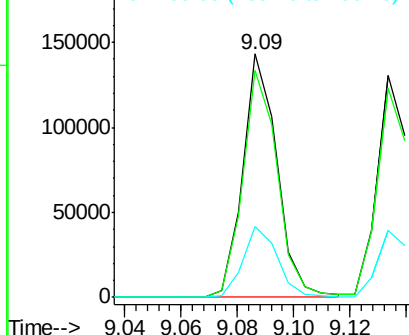


Abundance

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: 38.540 ng  
 RT: 9.13 min Scan# 1198  
 Delta R.T. -0.00 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 121714 |       |       |
| 198     | 94.5  | 74.6   | 112.0 |       |
| 97      | 45.8  | 42.9   | 64.3  |       |
| 132     | 29.2  | 26.3   | 39.5  |       |

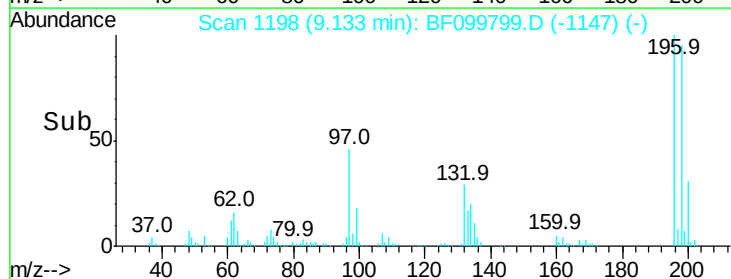
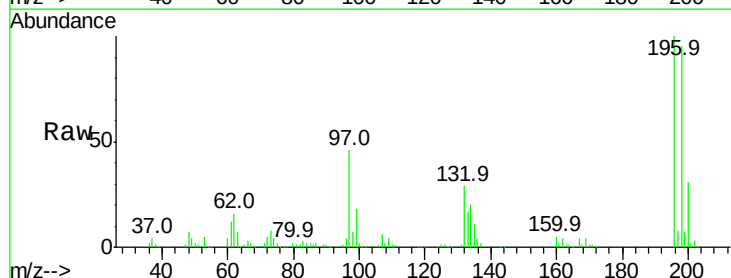
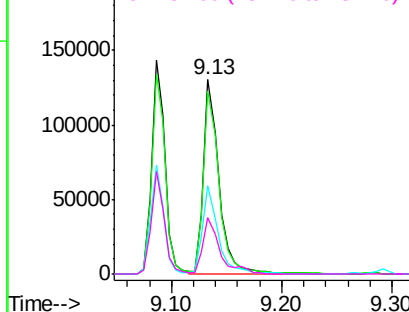
Abundance

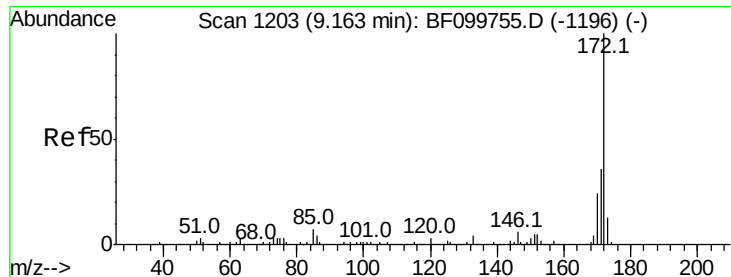
Ion 196.00 (195.70 to 196.70): E

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





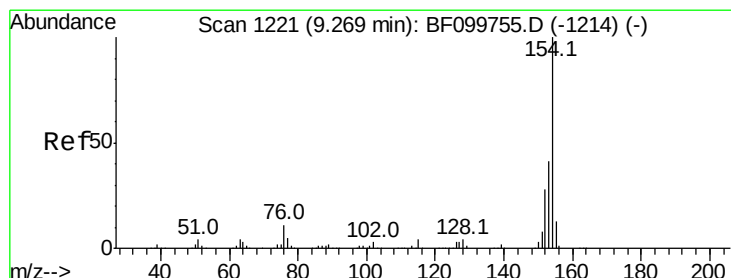
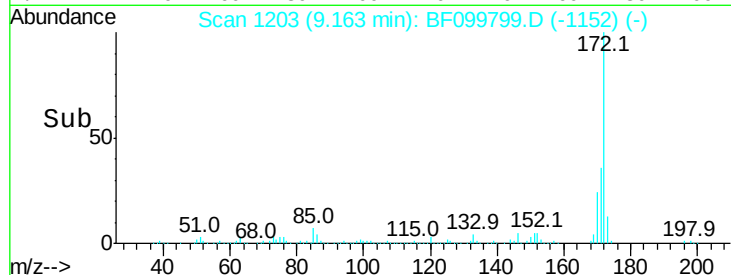
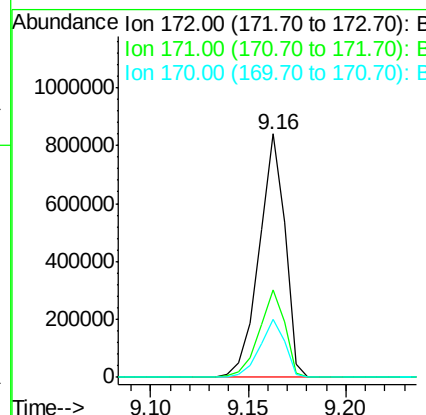
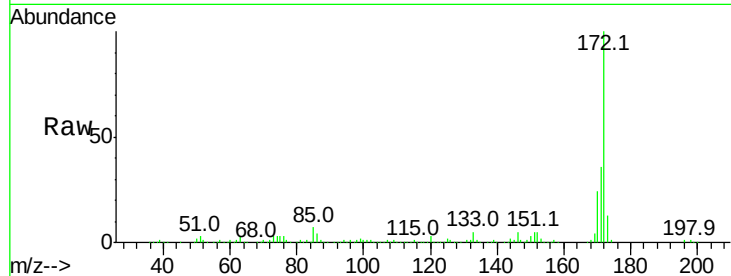
#44  
2-Fluorobiphenyl  
Concen: 77.907 ng  
RT: 9.16 min Scan# 1203  
Delta R.T. 0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

Instrument :  
BNA\_F  
ClientSampleId :  
EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.1  | 29.7  | 44.5  |
| 170     | 23.6  | 19.6  | 29.4  |

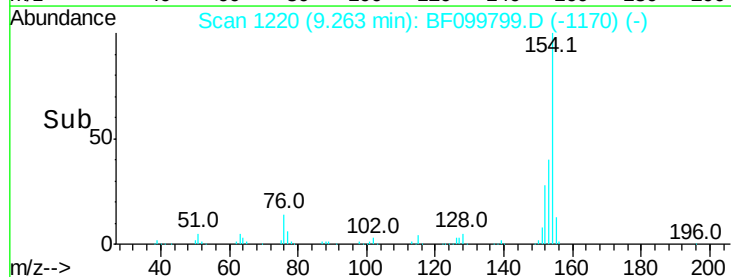
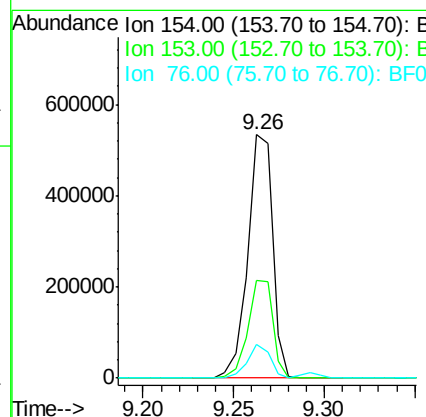
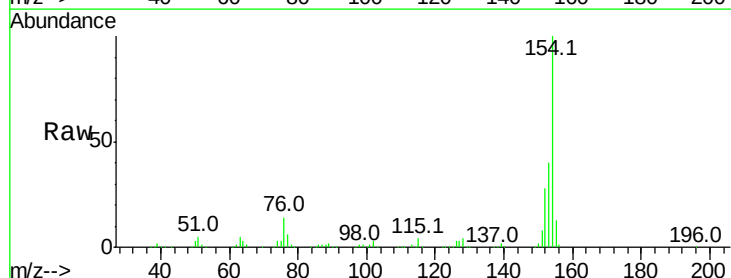
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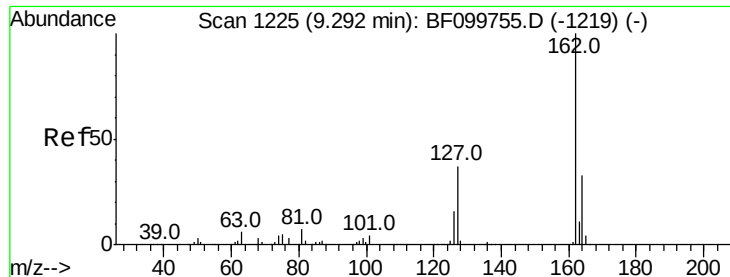
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#45  
1,1'-Biphenyl  
Concen: 36.777 ng  
RT: 9.26 min Scan# 1220  
Delta R.T. -0.01 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.1  | 21.3  | 61.3  |
| 76      | 13.7  | 0.0   | 34.0  |





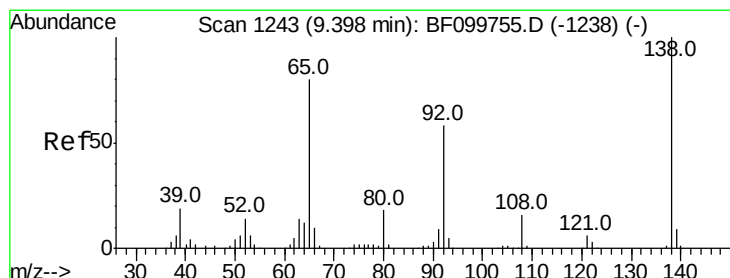
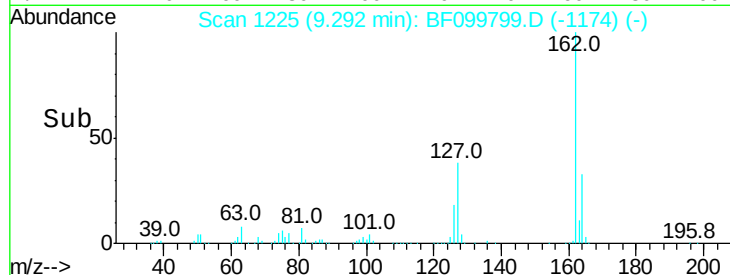
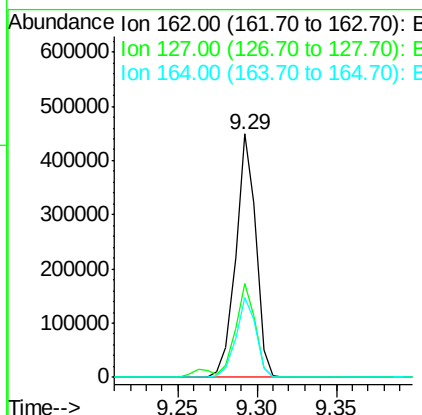
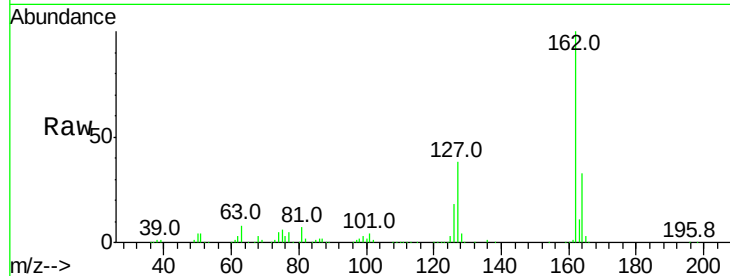
#46  
2-Chloronaphthalene  
Concen: 39.381 ng  
RT: 9.29 min Scan# 1225  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

Instrument :  
BNA\_F  
ClientSampleId :  
EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 394130 |       |       |
| 127     | 38.4  |        | 33.9  | 50.9  |
| 164     | 32.7  |        | 26.5  | 39.7  |

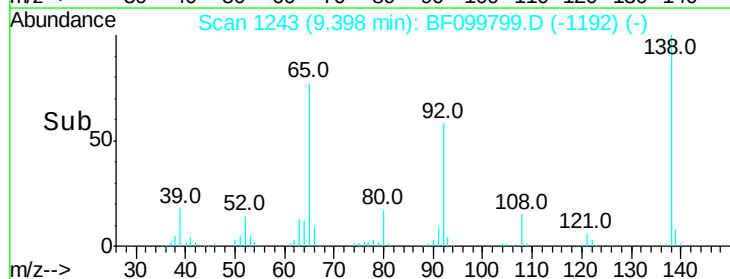
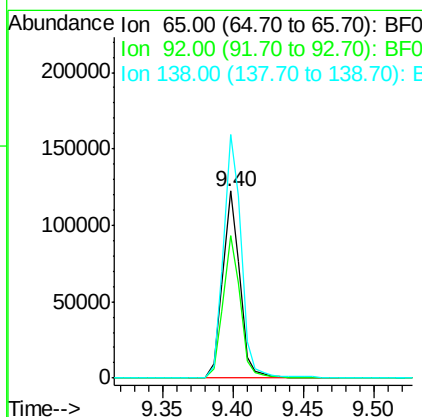
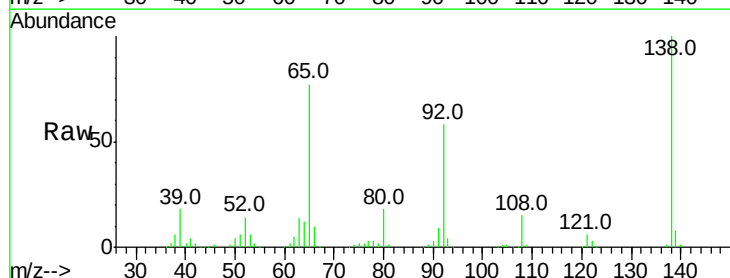
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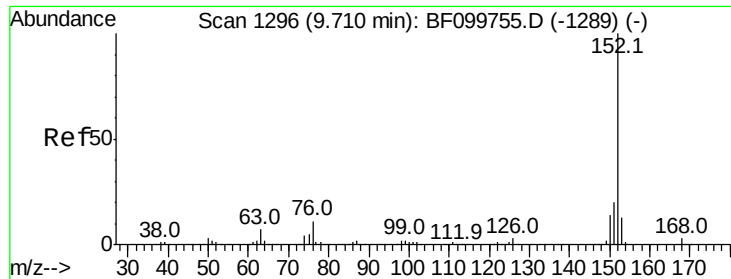
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#47  
2-Nitroaniline  
Concen: 39.728 ng  
RT: 9.40 min Scan# 1243  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 104353 |       |       |
| 92      | 75.9  |        | 55.8  | 83.6  |
| 138     | 130.1 |        | 91.2  | 136.8 |





#48

Acenaphthylene

Concen: 36.442 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA\_F

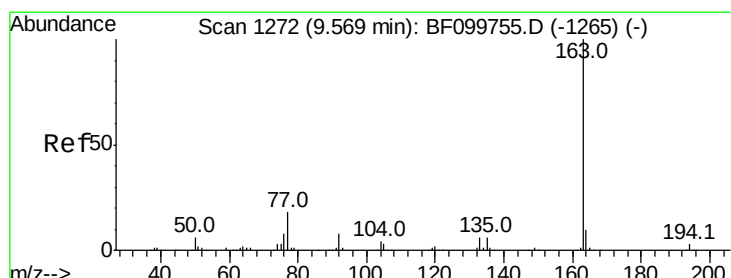
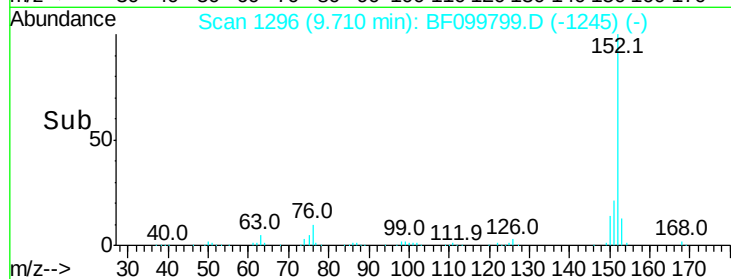
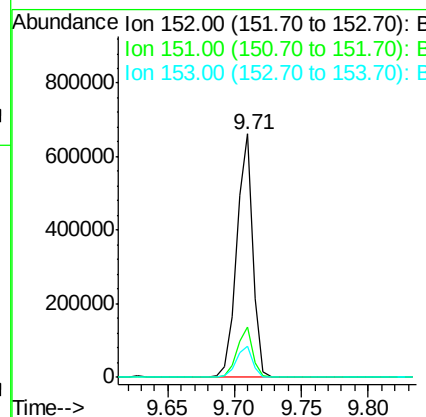
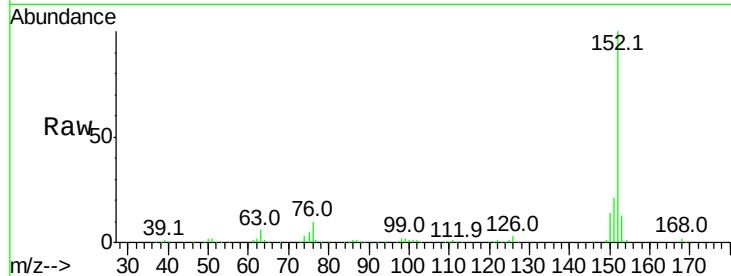
ClientSampleId :

EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 561730 |       |       |
| 151     | 20.5  |        | 16.3  | 24.5  |
| 153     | 12.9  |        | 10.7  | 16.1  |

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#49

Dimethylphthalate

Concen: 39.953 ng

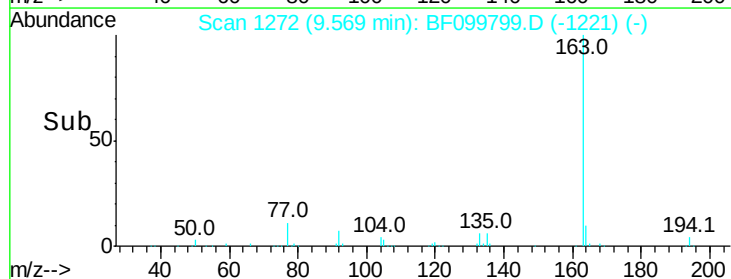
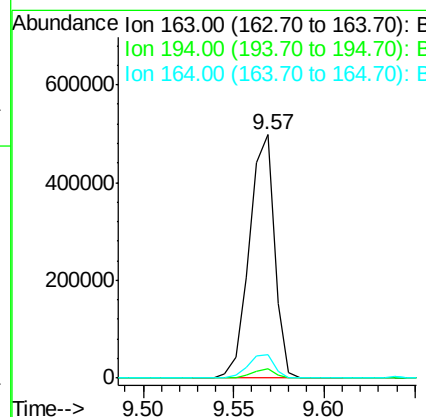
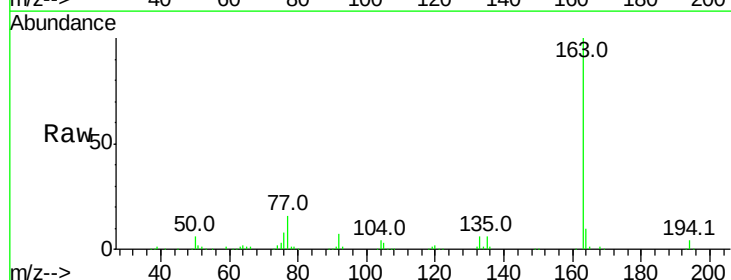
RT: 9.57 min Scan# 1272

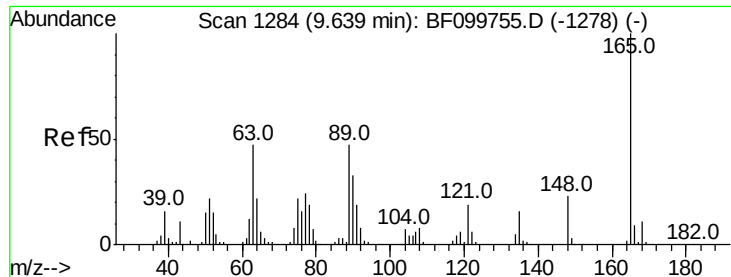
Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 481975 |       |       |
| 194     | 3.6   |        | 2.7   | 4.1   |
| 164     | 9.7   |        | 8.2   | 12.2  |





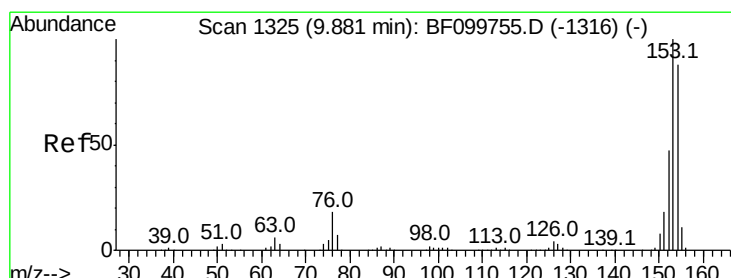
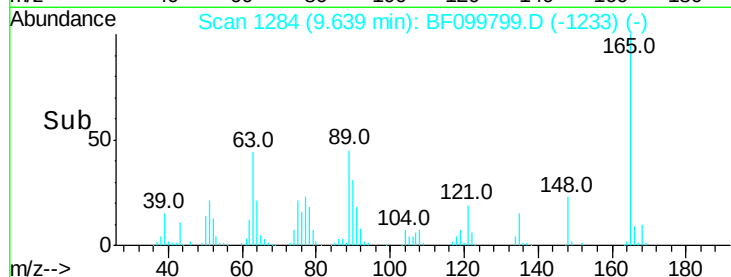
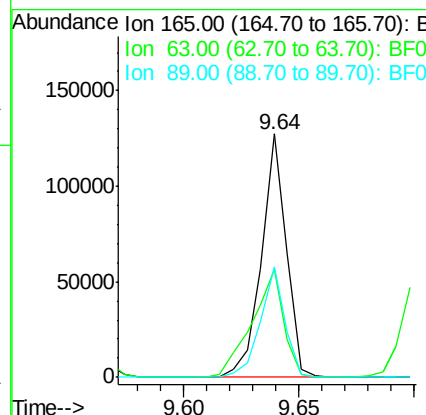
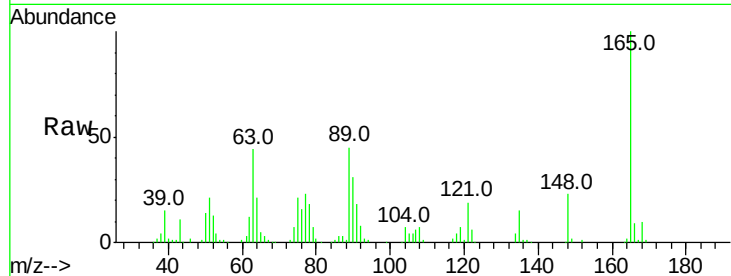
#50  
 2,6-Dinitrotoluene  
 Concen: 37.899 ng  
 RT: 9.64 min Scan# 1284  
 Delta R.T. -0.00 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 44.4  |      | 44.7  | 67.1# |
| 89      | 45.3  |      | 44.0  | 66.0  |

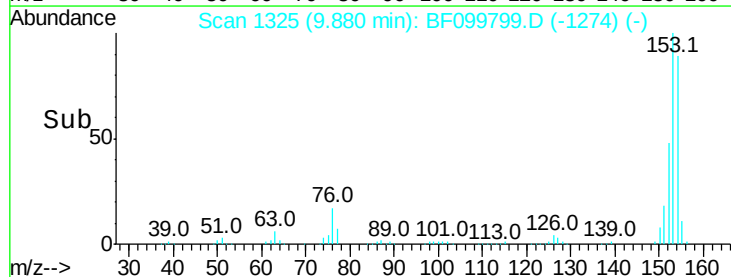
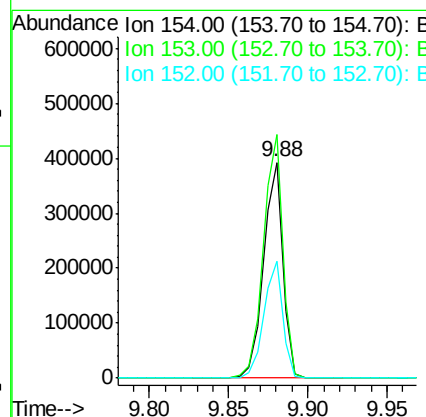
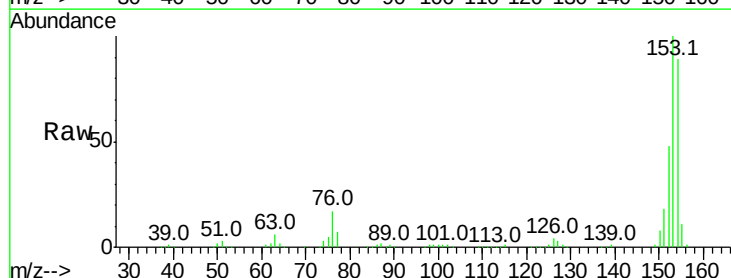
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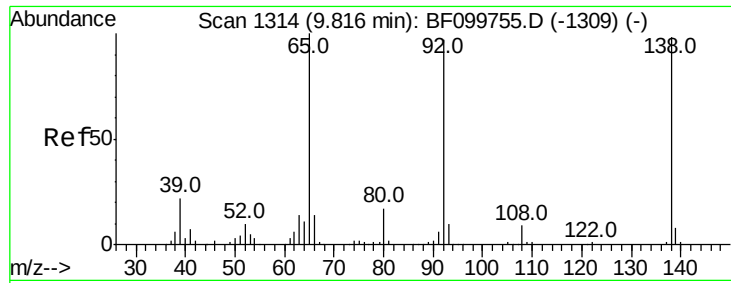
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#51  
 Acenaphthene  
 Concen: 35.478 ng  
 RT: 9.88 min Scan# 1325  
 Delta R.T. -0.00 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 112.7 |      | 91.2  | 136.8 |
| 152     | 53.9  |      | 43.8  | 65.8  |





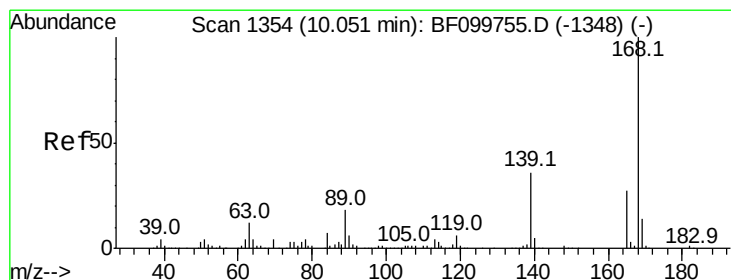
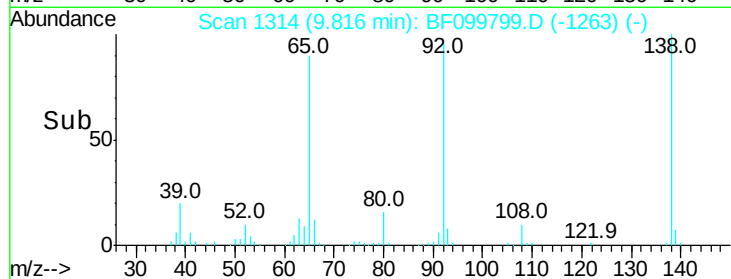
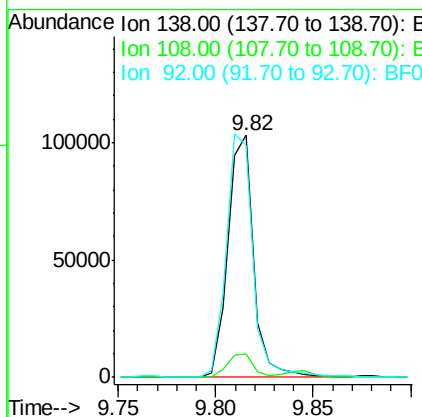
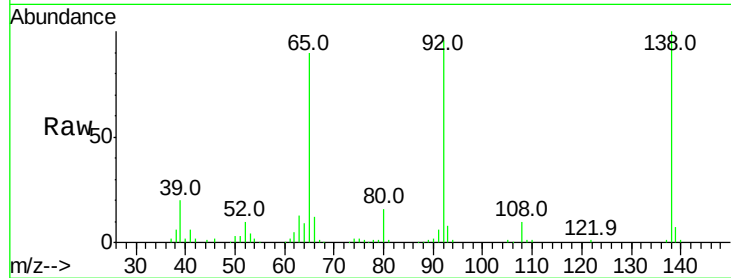
#52  
3-Nitroaniline  
Concen: 31.575 ng  
RT: 9.82 min Scan# 1314  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

Instrument :  
BNA\_F  
ClientSampleId :  
EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.0  | 9.4   | 14.0  |
| 92      | 96.0  | 89.4  | 134.2 |

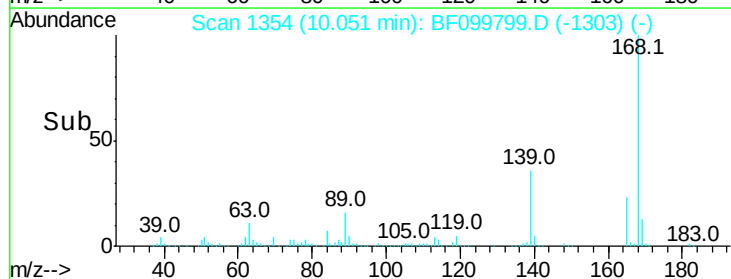
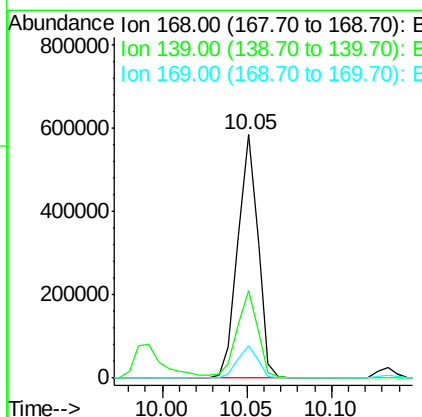
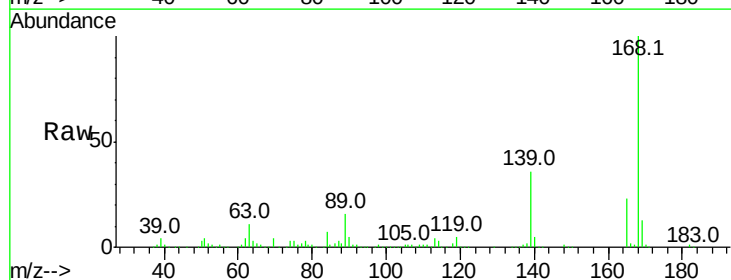
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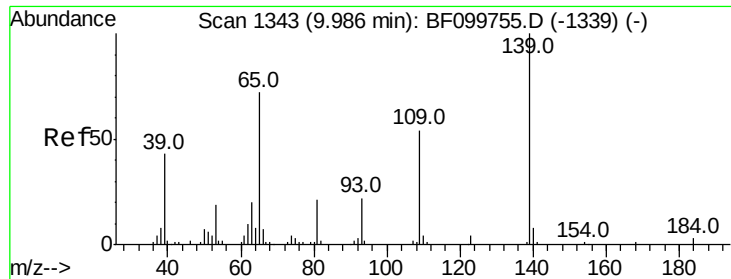
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#54  
Dibenzofuran  
Concen: 36.417 ng  
RT: 10.05 min Scan# 1354  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.0  | 30.1  | 45.1  |
| 169     | 13.3  | 10.9  | 16.3  |





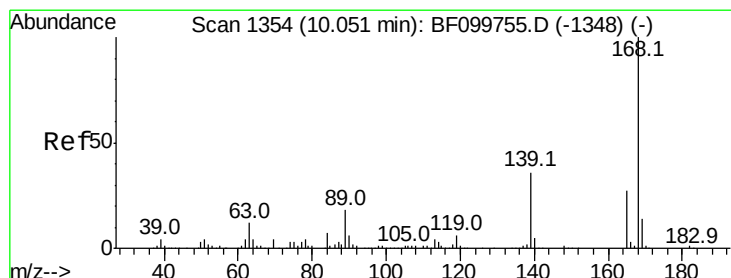
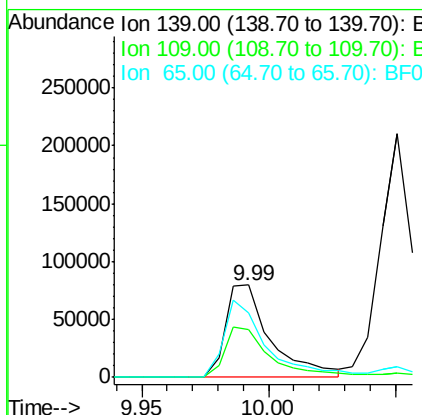
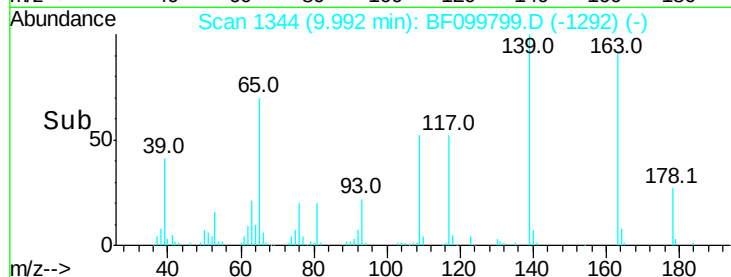
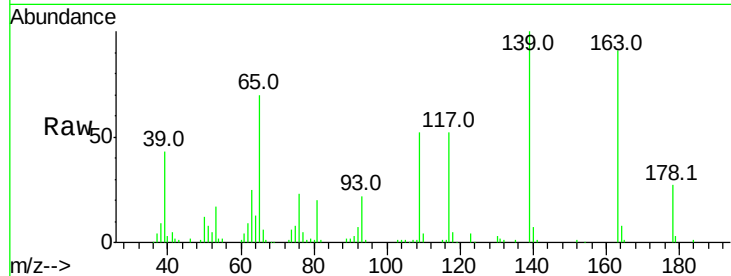
#55  
4-Nitrophenol  
Concen: 63.465 ng  
RT: 9.99 min Scan# 1344  
Delta R.T. 0.01 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

Instrument :  
BNA\_F  
ClientSampleId :  
EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 51.5  | 48.4  | 88.4  |
| 65      | 69.9  | 72.6  | 112.6 |

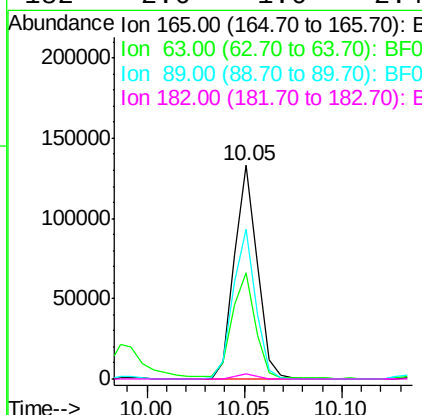
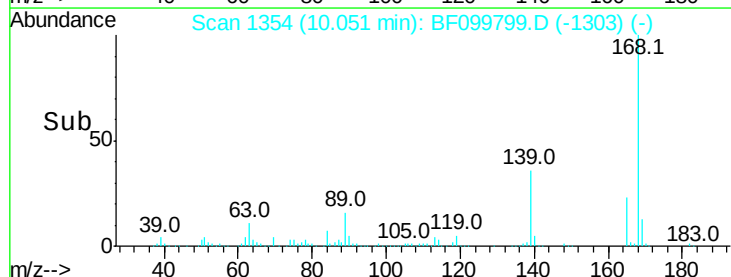
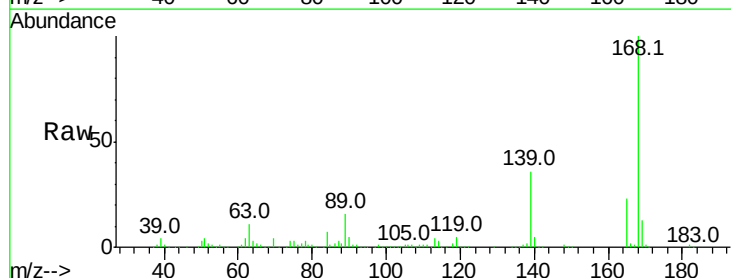
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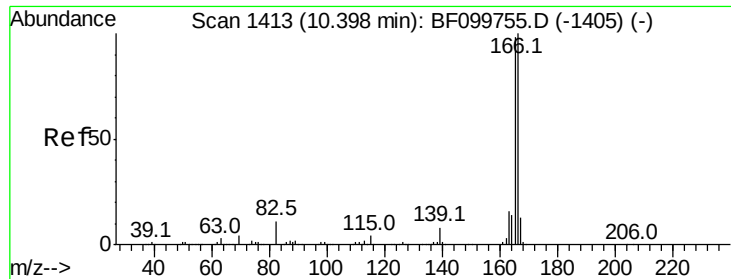
Sohil  
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#56  
2,4-Dinitrotoluene  
Concen: 35.548 ng  
RT: 10.05 min Scan# 1354  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 49.8  | 36.4  | 54.6  |
| 89      | 70.4  | 57.8  | 86.6  |
| 182     | 2.6   | 1.6   | 2.4   |





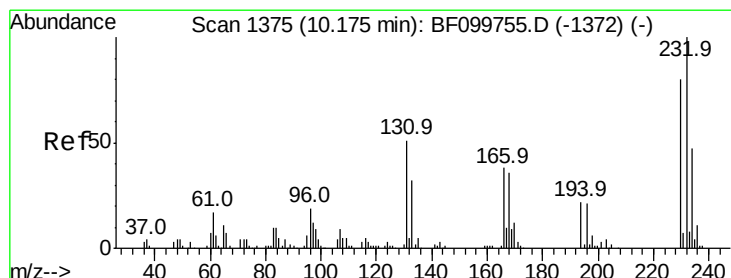
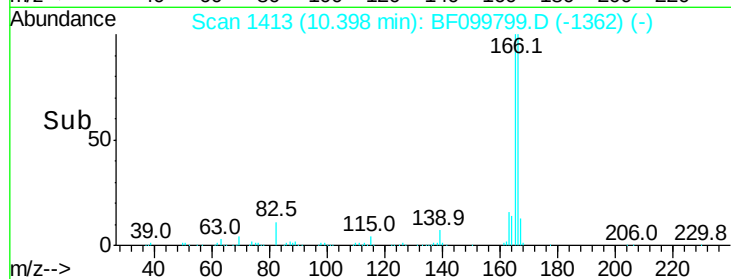
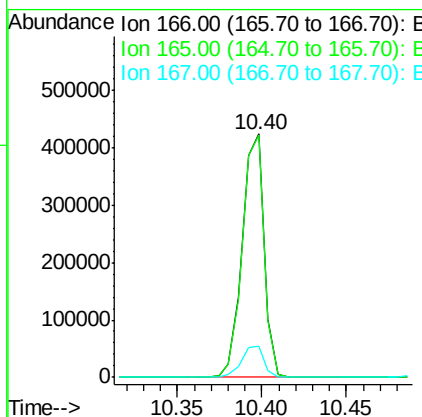
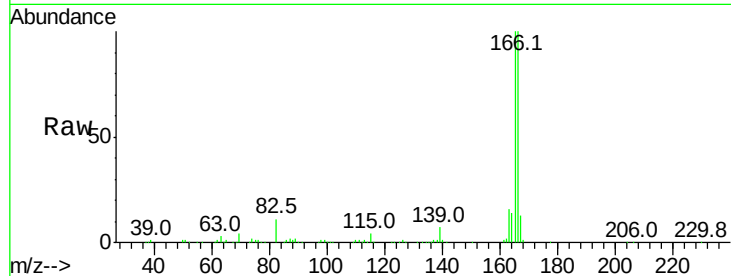
#57  
 Fluorene  
 Concen: 34.834 ng  
 RT: 10.40 min Scan# 1413  
 Delta R.T. -0.00 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.5  | 79.8  | 119.8 |
| 167     | 12.5  | 10.6  | 16.0  |

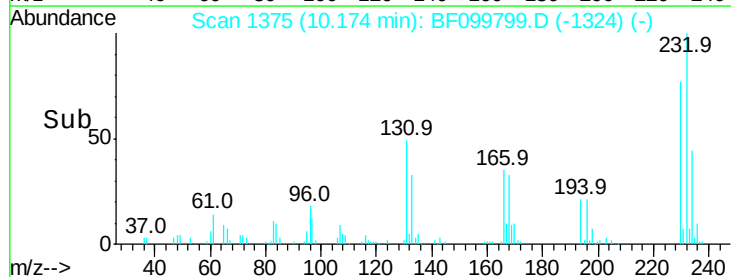
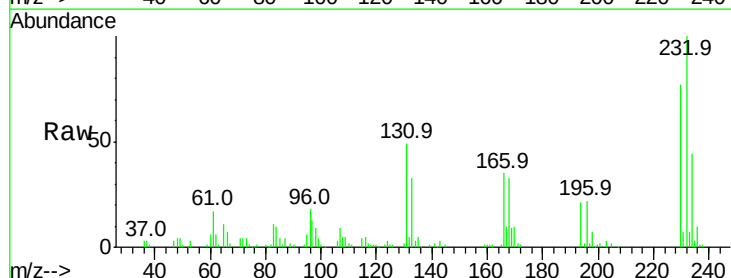
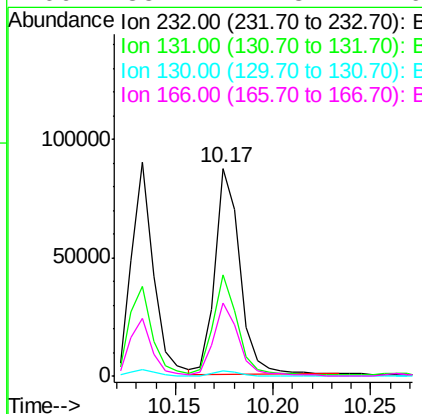
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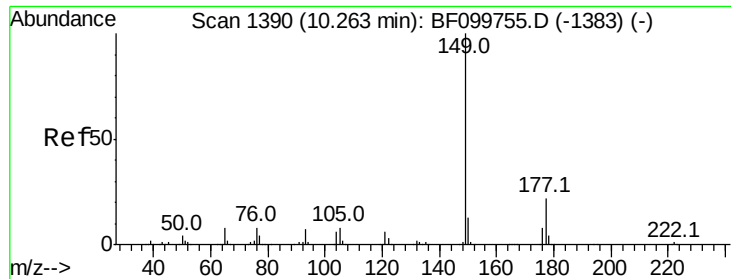


#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 35.313 ng  
 RT: 10.17 min Scan# 1375  
 Delta R.T. -0.00 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 47.6  | 43.8  | 65.8  |
| 130     | 2.1   | 2.1   | 3.1   |
| 166     | 35.7  | 27.8  | 41.6  |







#59

Diethylphthalate

Concen: 36.711 ng

RT: 10.26 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA\_F

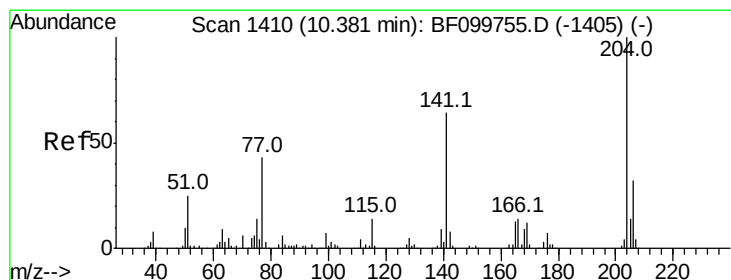
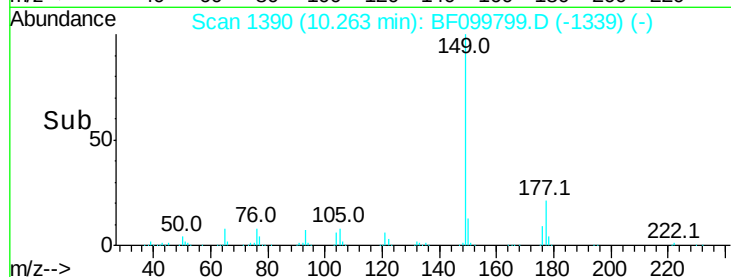
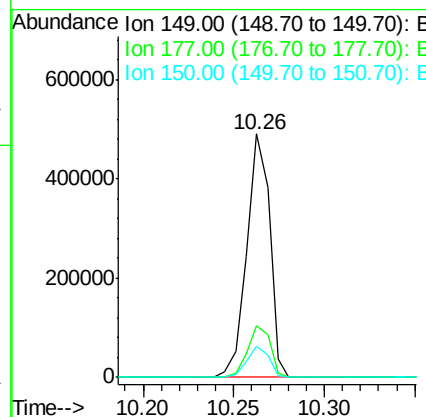
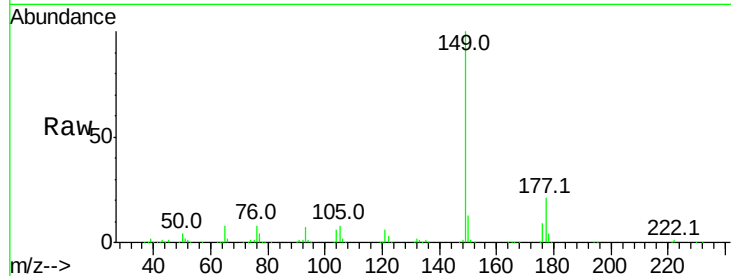
ClientSampleId :

EPE-M-6(50-52)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 432477 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 21.3  | 16.1  | 24.1   |
| 150       | 12.6  | 10.1  | 15.1   |

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#60

4-Chlorophenyl-phenylether

Concen: 35.248 ng

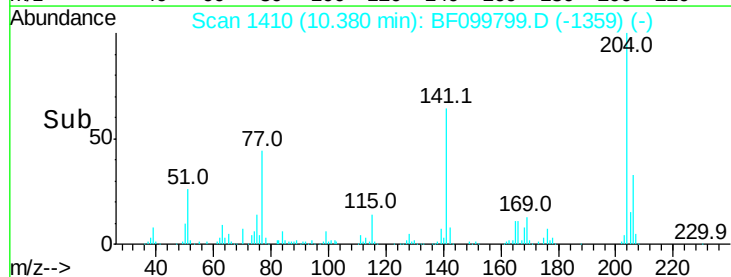
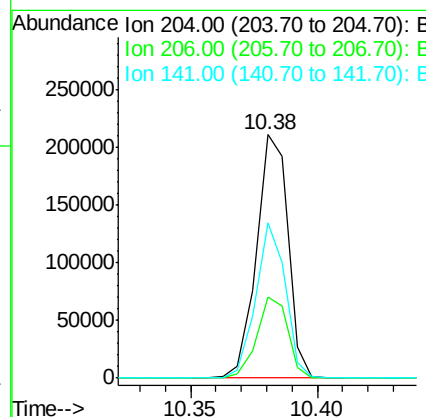
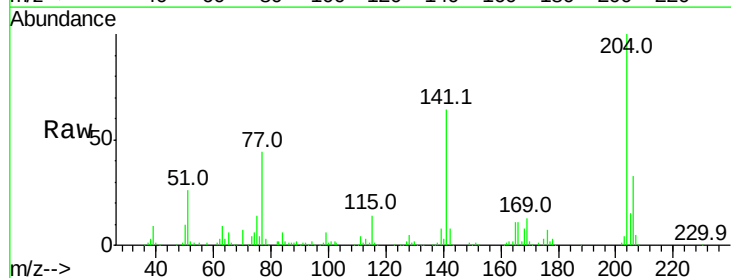
RT: 10.38 min Scan# 1410

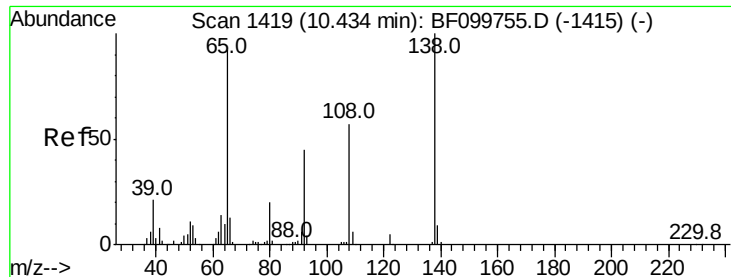
Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 182608 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 33.1  | 26.5  | 39.7   |
| 141       | 63.7  | 54.6  | 81.8   |





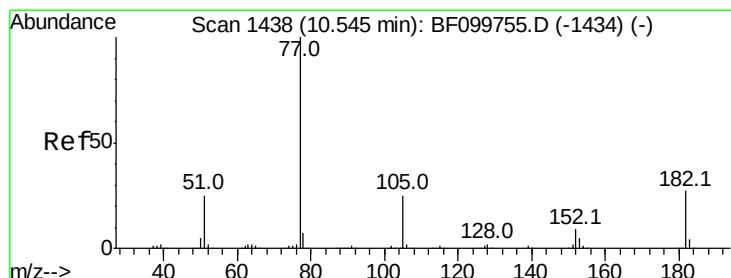
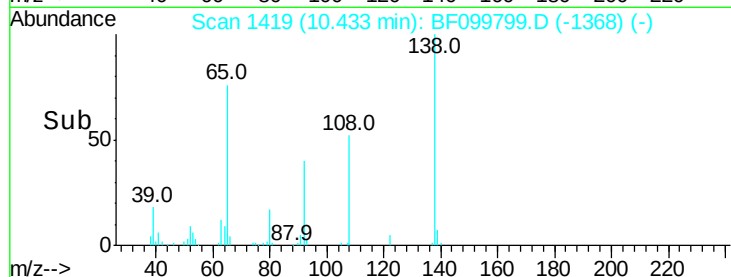
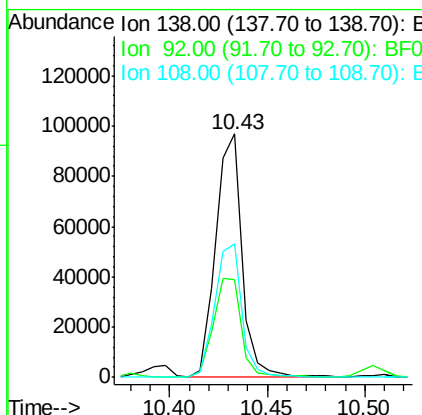
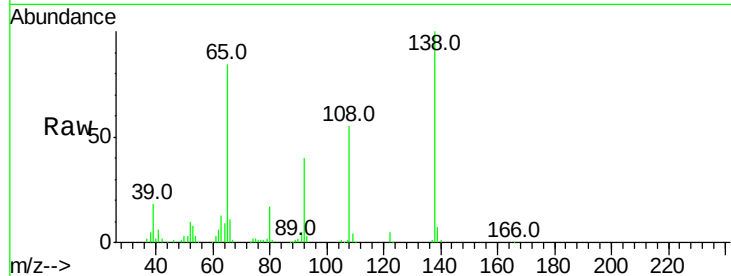
#61  
4-Nitroaniline  
Concen: 31.864 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

Instrument :  
BNA\_F  
ClientSampleId :  
EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 40.4  | 30.2  | 70.2  |
| 108     | 54.8  | 52.5  | 92.5  |

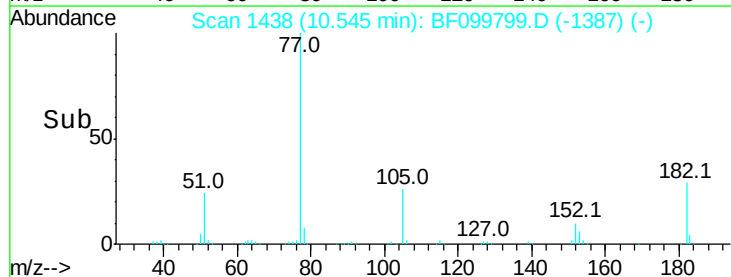
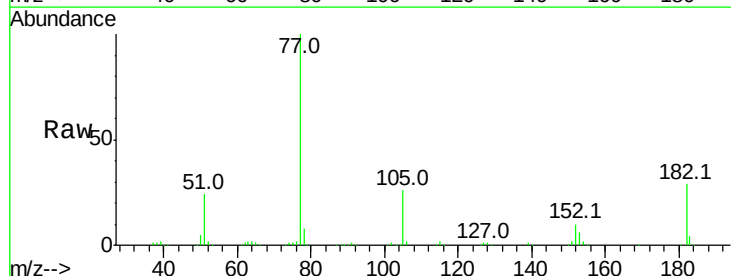
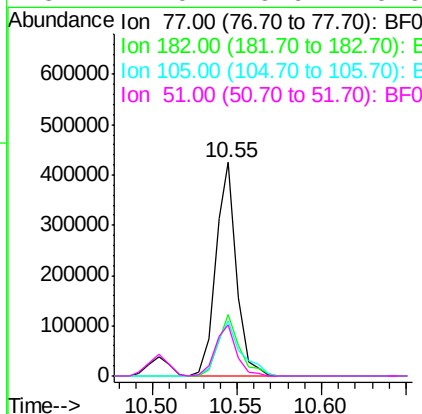
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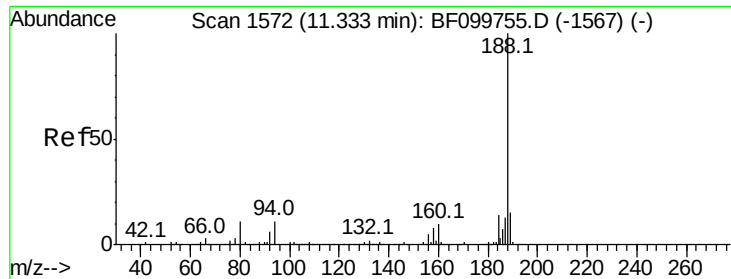
Sohil  
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#62  
Azobenzene  
Concen: 36.637 ng  
RT: 10.55 min Scan# 1438  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 29.0  | 1.7   | 41.7  |
| 105     | 26.0  | 3.0   | 43.0  |
| 51      | 24.0  | 9.9   | 49.9  |





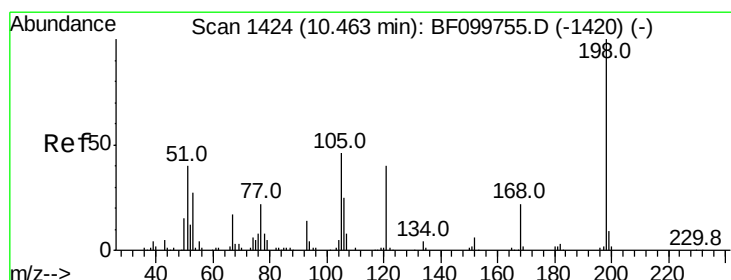
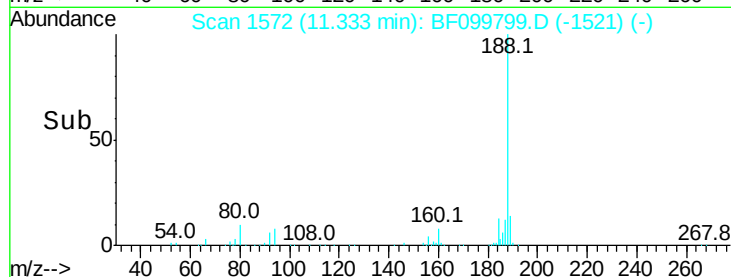
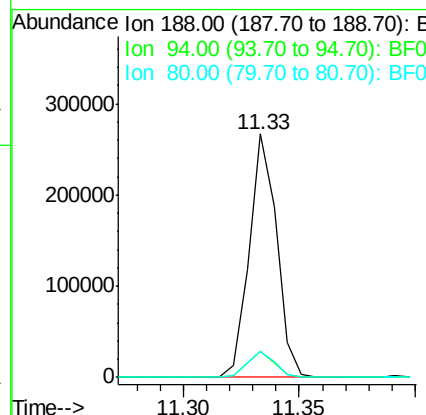
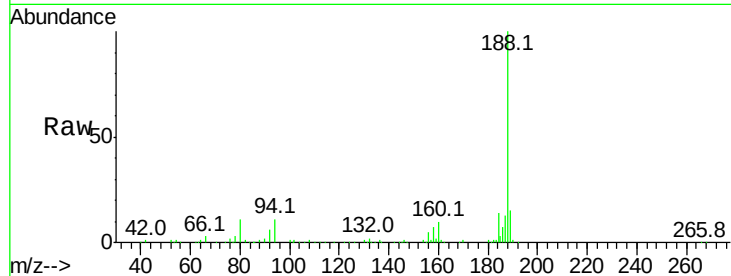
#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.33 min Scan# 1572  
 Delta R.T. -0.00 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 221461 |       |       |
| 94      | 10.8  |        | 8.5   | 12.7  |
| 80      | 10.6  |        | 9.2   | 13.8  |

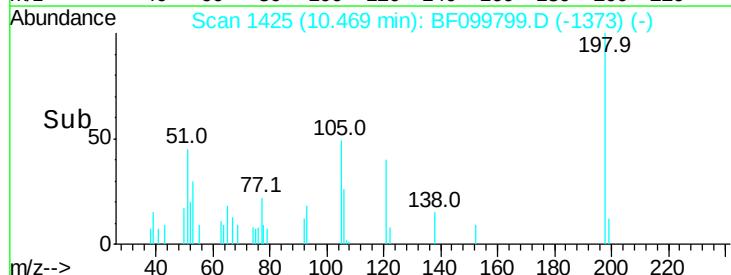
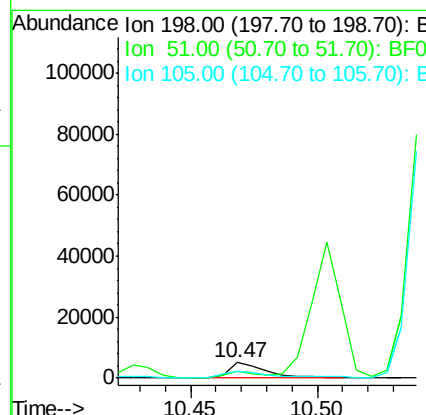
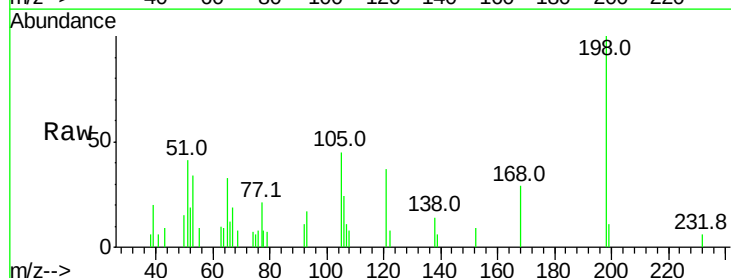
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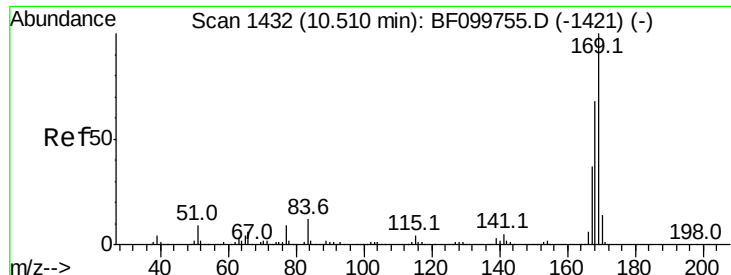
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#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 3.674 ng  
 RT: 10.47 min Scan# 1425  
 Delta R.T. 0.01 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   | 5115 |       |       |
| 51      | 41.5  |      | 37.7  | 77.7  |
| 105     | 45.3  |      | 36.3  | 76.3  |





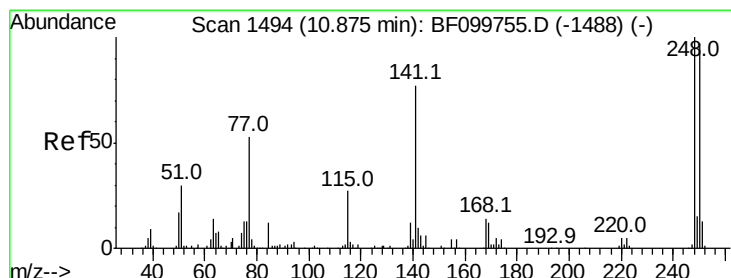
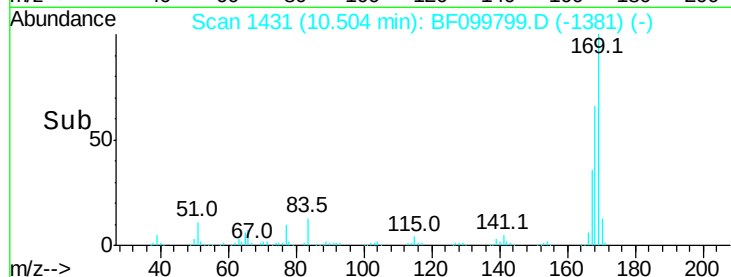
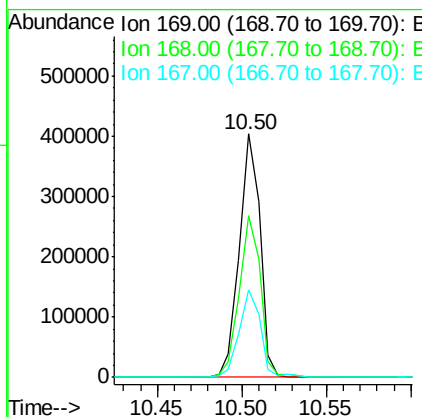
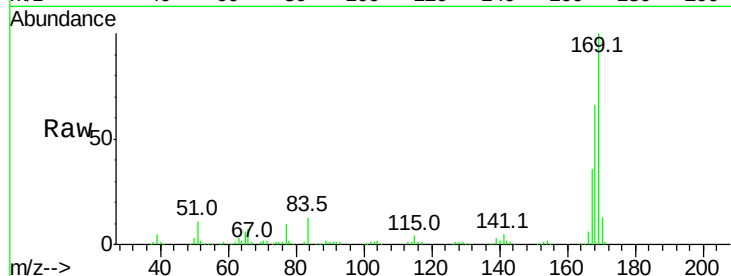
#65  
 n-Nitrosodiphenylamine  
 Concen: 42.199 ng  
 RT: 10.50 min Scan# 1431  
 Delta R.T. -0.01 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.5  | 54.4  | 81.6  |
| 167     | 35.8  | 29.8  | 44.6  |

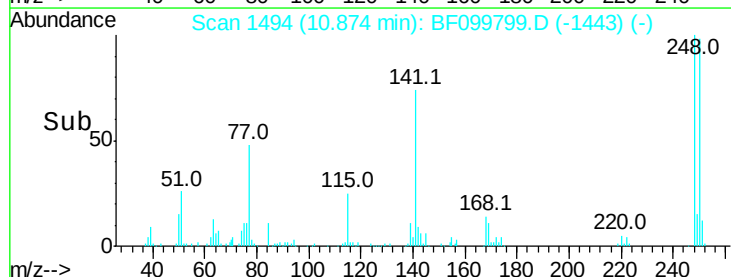
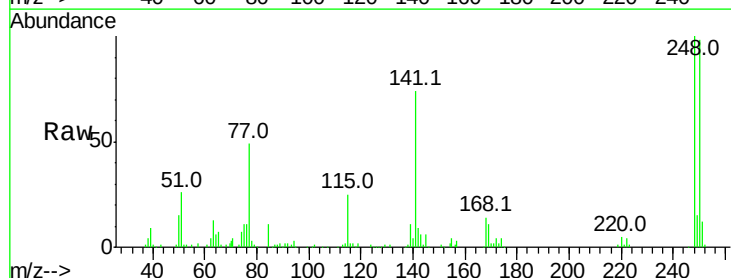
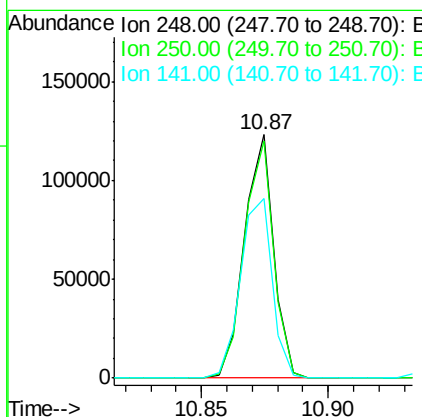
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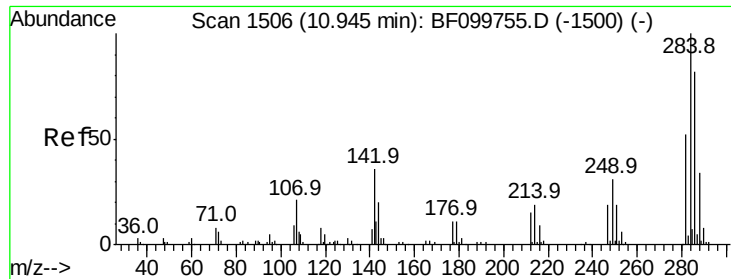
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#66  
 4-Bromophenyl-phenylether  
 Concen: 42.397 ng  
 RT: 10.87 min Scan# 1494  
 Delta R.T. -0.00 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 248     | 100   |       |        |
| 250     | 97.5  | 76.9  | 115.3  |
| 141     | 73.6  | 74.4  | 111.6# |





#67

Hexachlorobenzene

Concen: 38.700 ng

RT: 10.94 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA\_F

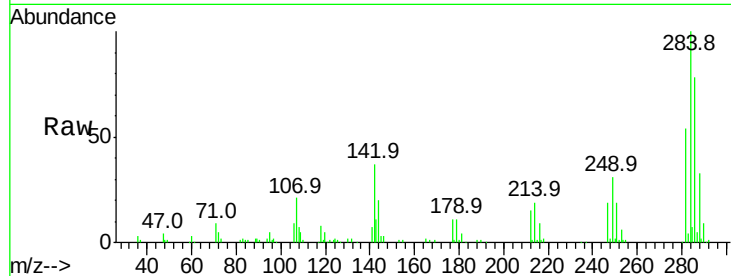
ClientSampleId :

EPE-M-6(50-52)MSD

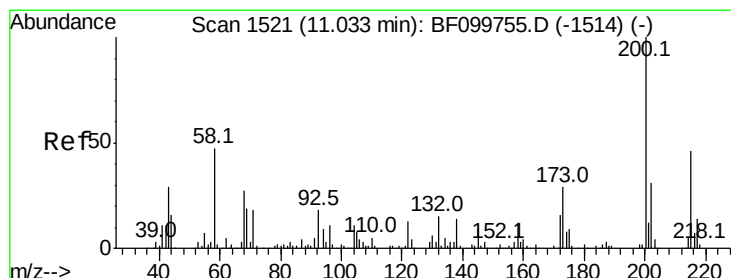
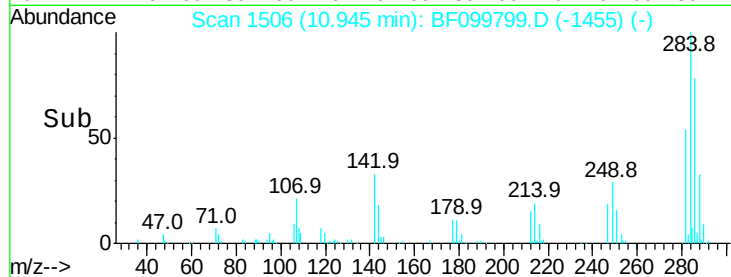
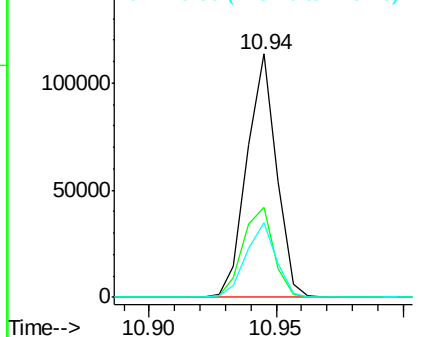
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 284   | Resp: | 92308 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 37.2  | 34.6  | 52.0  |
| 249       | 30.8  | 24.8  | 37.2  |

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



#68

Atrazine

Concen: 40.734 ng

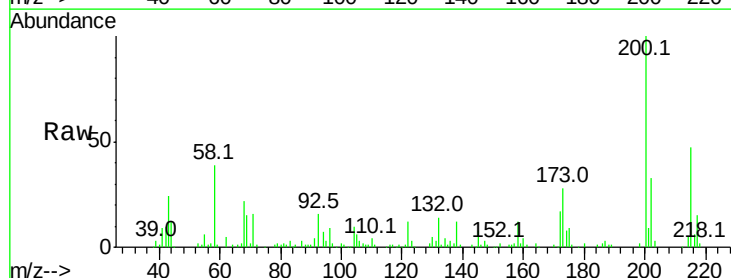
RT: 11.03 min Scan# 1521

Delta R.T. -0.00 min

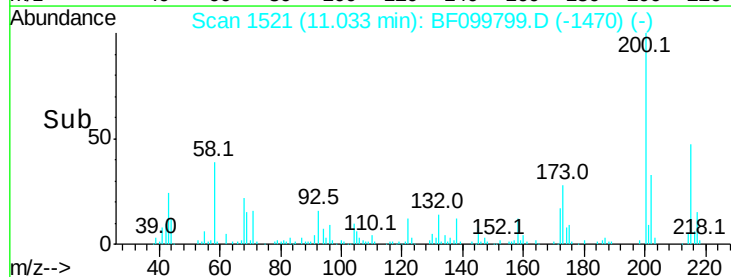
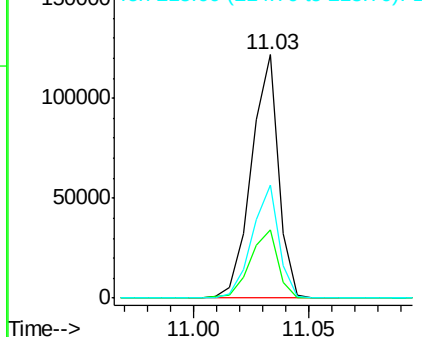
Lab File: BF099799.D

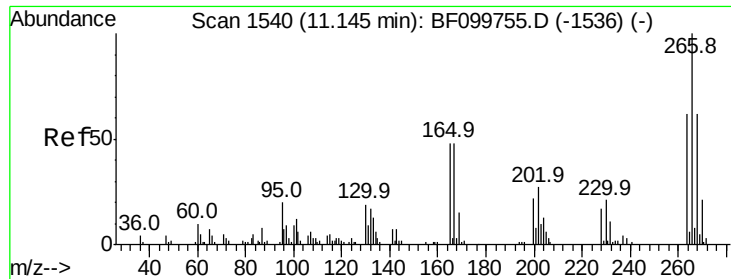
Acq: 24 Oct 2017 20:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 100031 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 28.1  | 8.6   | 48.6   |
| 215       | 46.6  | 25.1  | 65.1   |



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





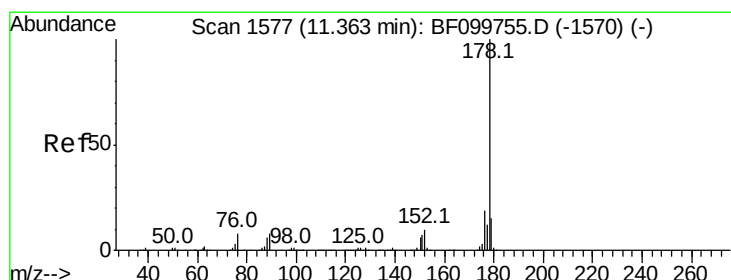
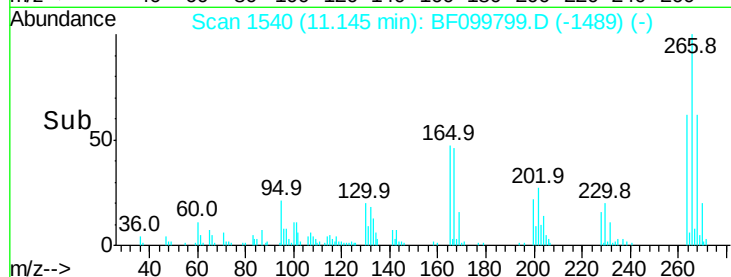
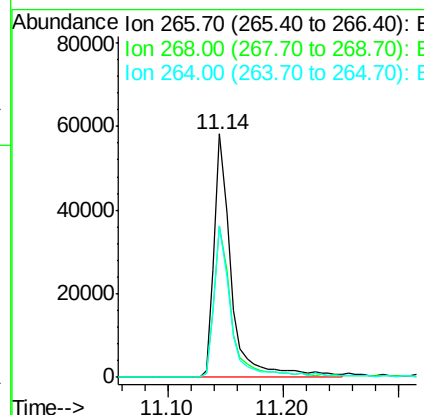
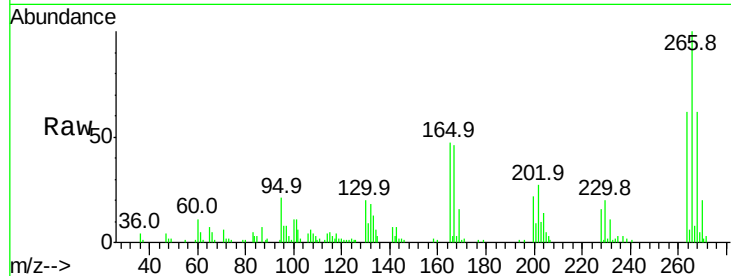
#69  
 Pentachlorophenol  
 Concen: 60.113 ng  
 RT: 11.14 min Scan# 1540  
 Delta R.T. -0.00 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.1  | 51.1  | 76.7  |
| 264     | 62.2  | 49.5  | 74.3  |

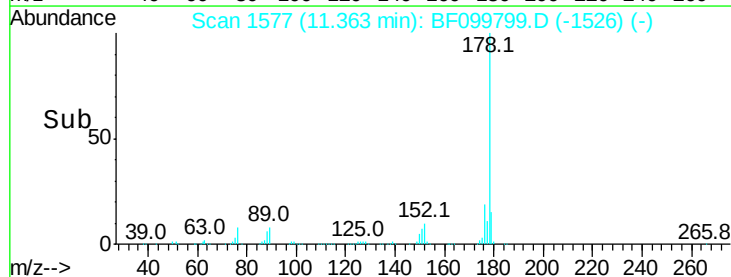
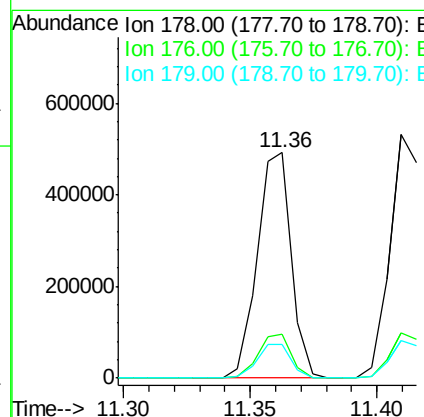
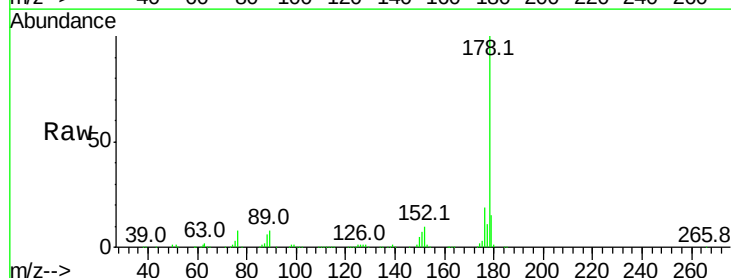
Manual Integrations  
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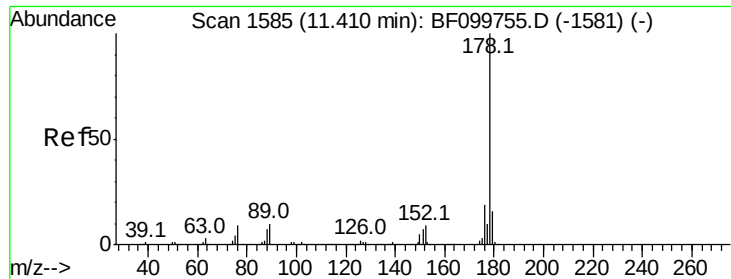
Sohil  
 10/25/2017 6:25:52 PM



#70  
 Phenanthrene  
 Concen: 36.764 ng  
 RT: 11.36 min Scan# 1577  
 Delta R.T. -0.00 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 15.8  | 23.8  |
| 179     | 15.0  | 13.0  | 19.6  |





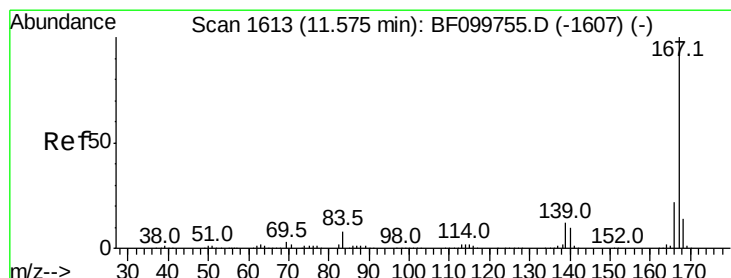
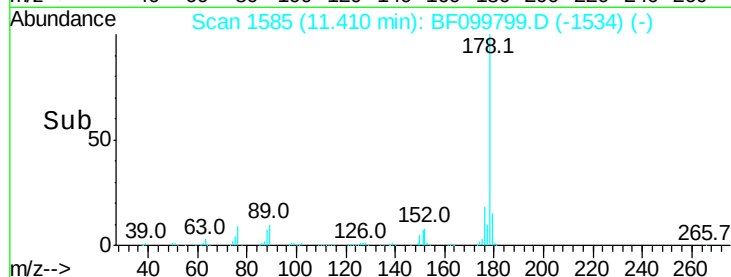
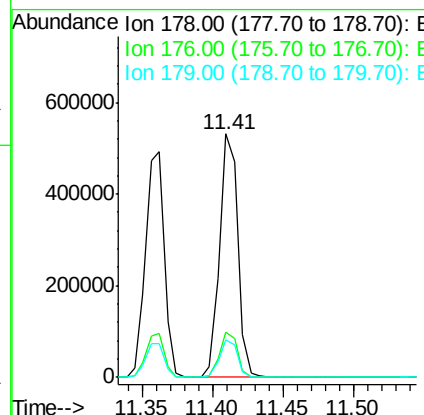
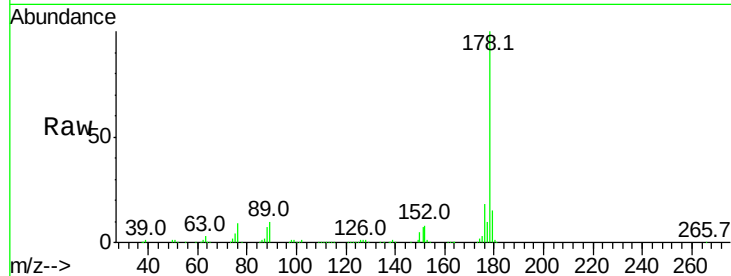
#71  
 Anthracene  
 Concen: 37.630 ng  
 RT: 11.41 min Scan# 1585  
 Delta R.T. -0.00 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.4  | 15.4  | 23.2  |
| 179     | 15.2  | 12.6  | 19.0  |

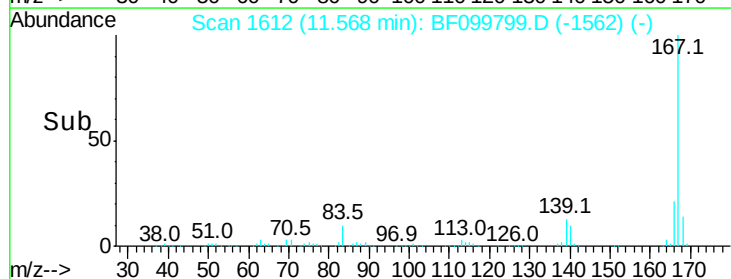
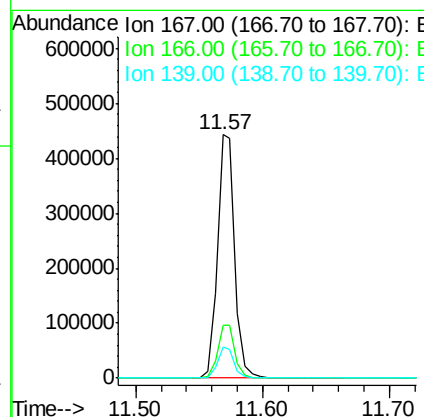
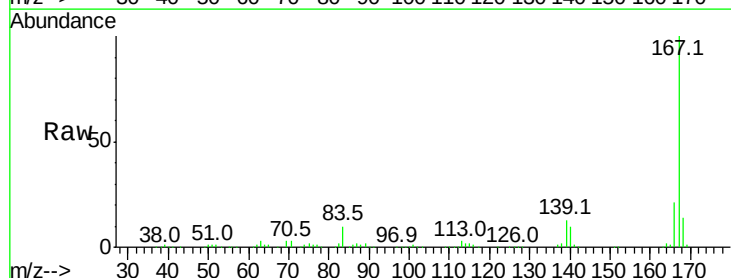
Manual Integrations  
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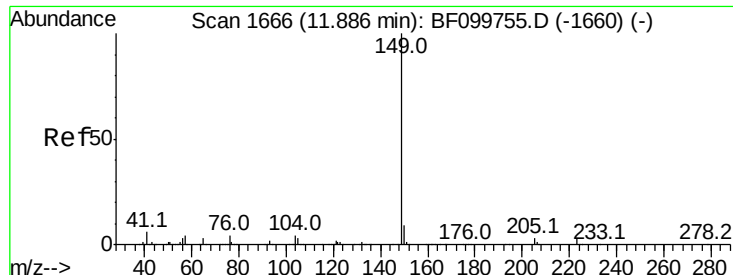
Sohil  
 10/25/2017 6:25:52 PM



#72  
 Carbazole  
 Concen: 35.504 ng  
 RT: 11.57 min Scan# 1612  
 Delta R.T. -0.01 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.5  | 17.6  | 26.4  |
| 139     | 12.6  | 10.9  | 16.3  |





#73

Di-n-butylphthalate

Concen: 38.979 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA\_F

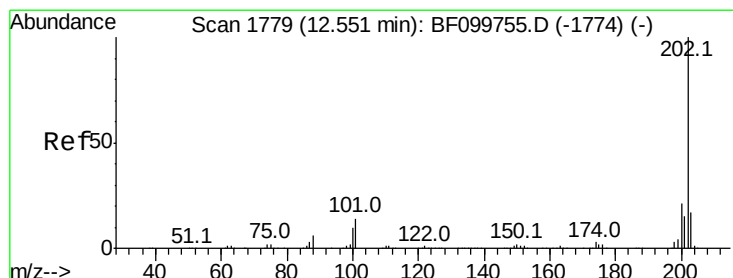
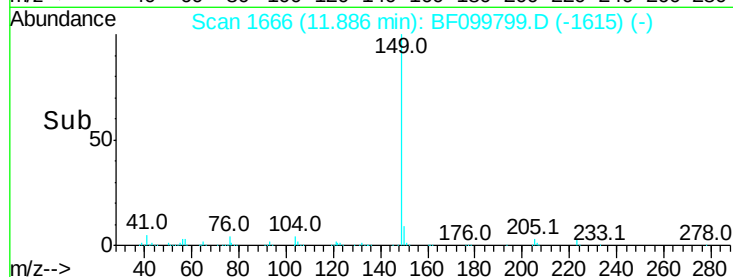
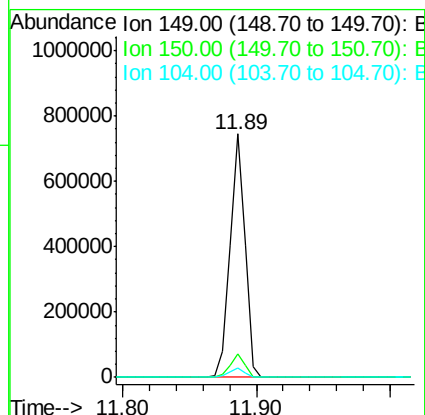
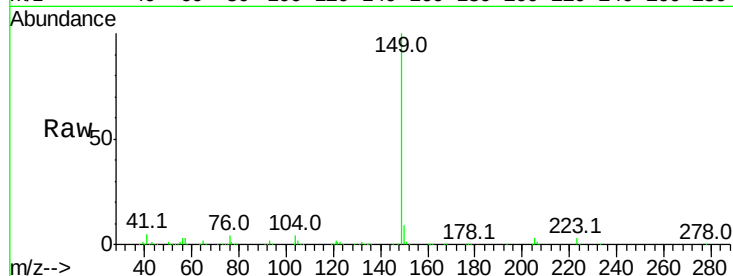
ClientSampleId :

EPE-M-6(50-52)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 593124 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.5   | 7.8   | 11.6   |
| 104       | 4.0   | 3.8   | 5.8    |

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#74

Fluoranthene

Concen: 31.838 ng

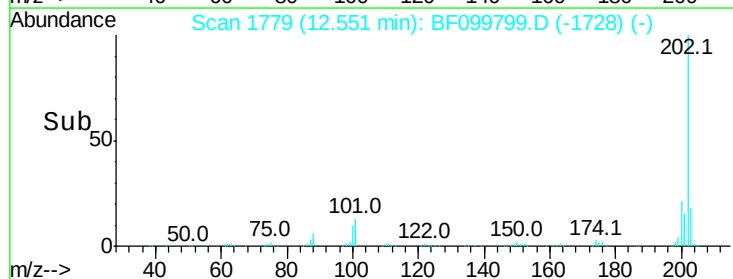
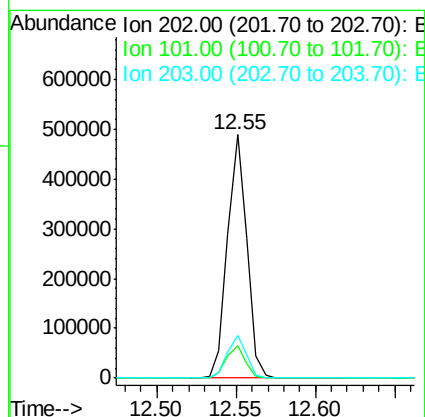
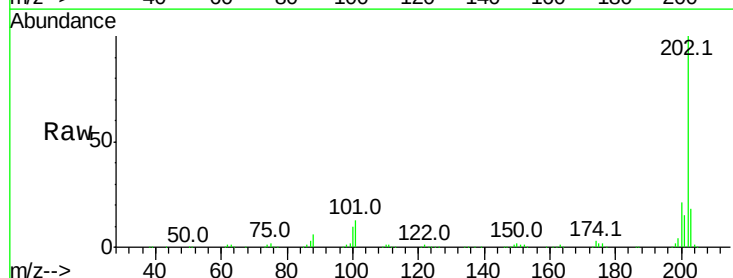
RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

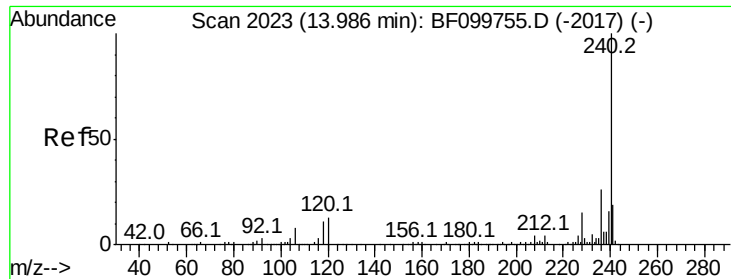
Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 413531 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 13.2  | 0.0   | 34.1   |
| 203       | 17.5  | 0.0   | 38.1   |







#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA\_F

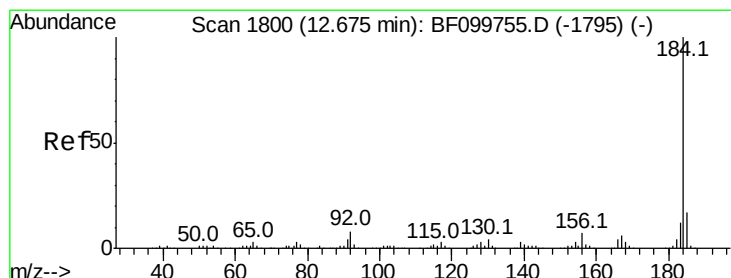
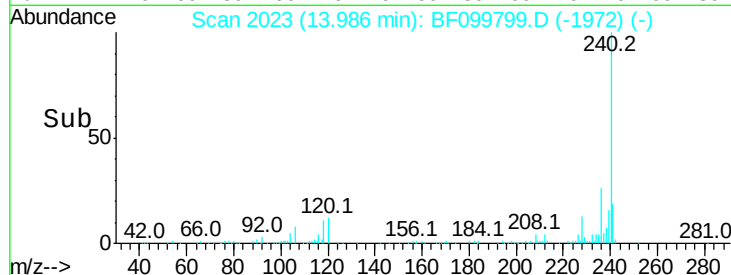
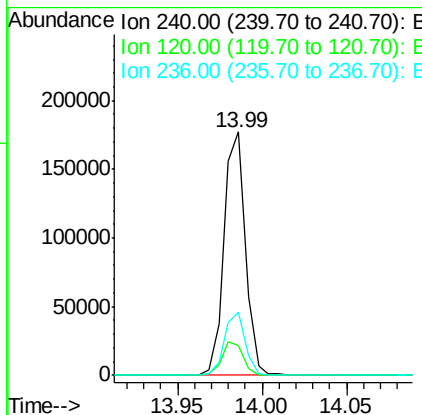
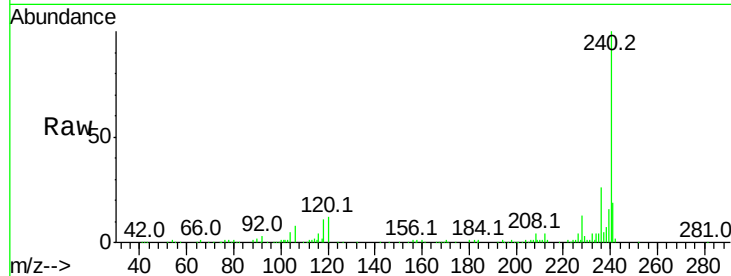
ClientSampleId :

EPE-M-6(50-52)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 156426 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 12.1  | 9.5   | 14.3   |
| 236       | 25.9  | 20.7  | 31.1   |

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#76

Benzidine

Concen: 47.242 ng

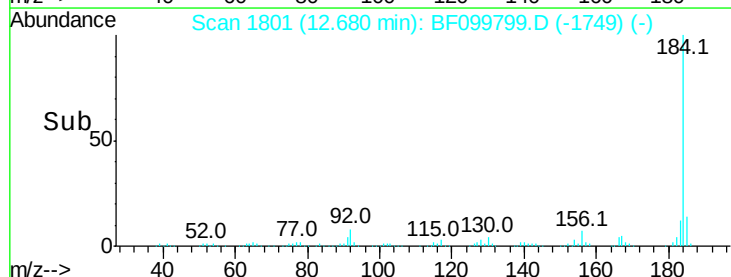
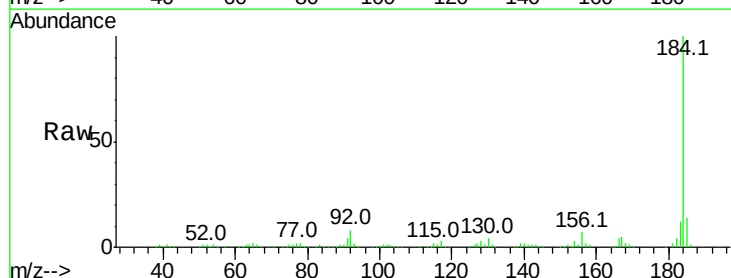
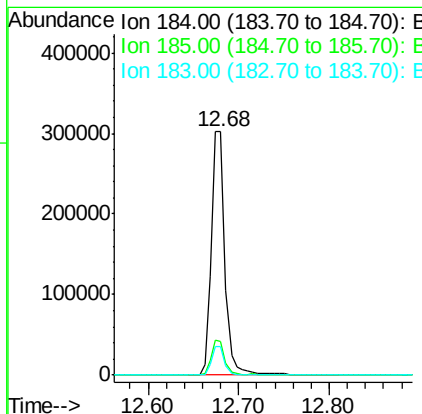
RT: 12.68 min Scan# 1801

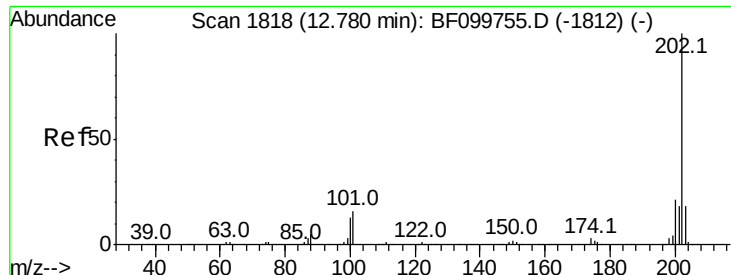
Delta R.T. 0.01 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 323359 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.1  | 12.6  | 18.8   |
| 183       | 11.7  | 9.3   | 13.9   |





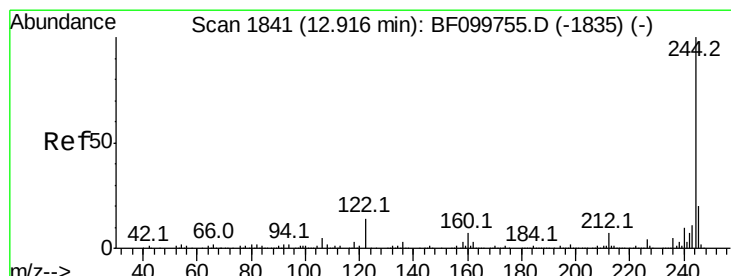
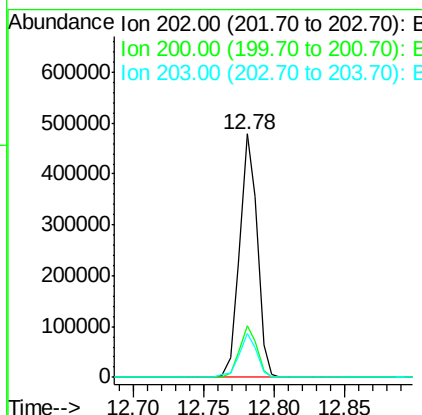
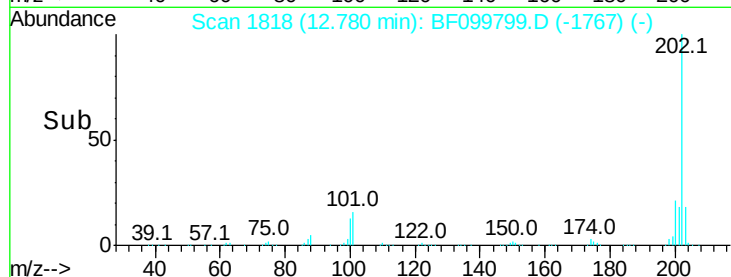
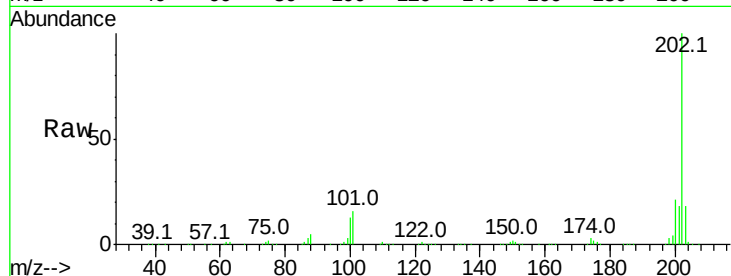
#77  
Pvrene  
Concen: 35.042 ng  
RT: 12.78 min Scan# 1818  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

Instrument :  
BNA\_F  
ClientSampleId :  
EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.1  | 17.4  | 26.2  |
| 203     | 17.8  | 14.3  | 21.5  |

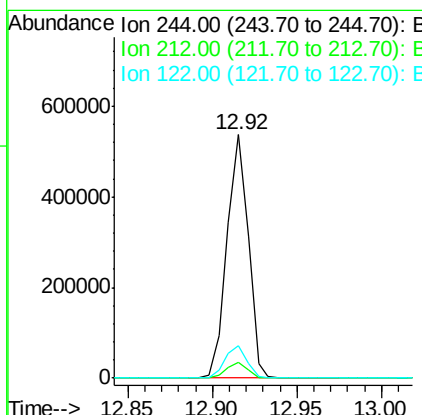
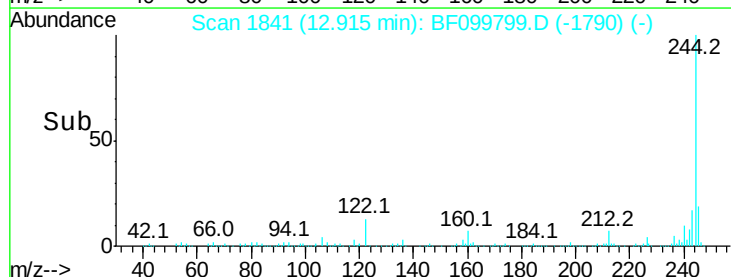
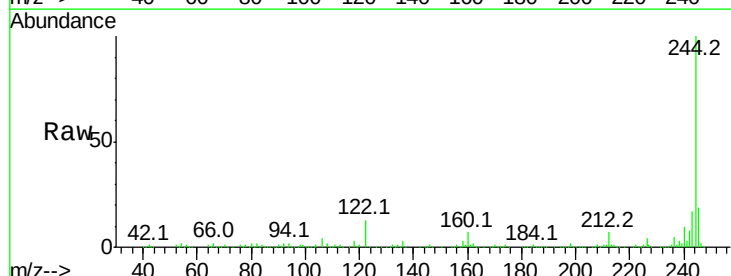
Manual Integrations  
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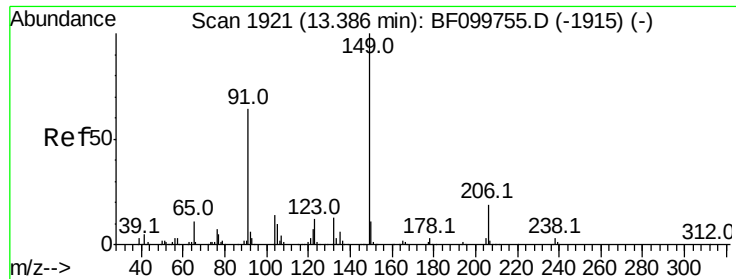
Sohil  
10/25/2017 6:25:52 PM



#78  
Terphenyl-d14  
Concen: 65.499 ng  
RT: 12.92 min Scan# 1841  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.7   | 5.4   | 8.0   |
| 122     | 13.4  | 11.0  | 16.4  |





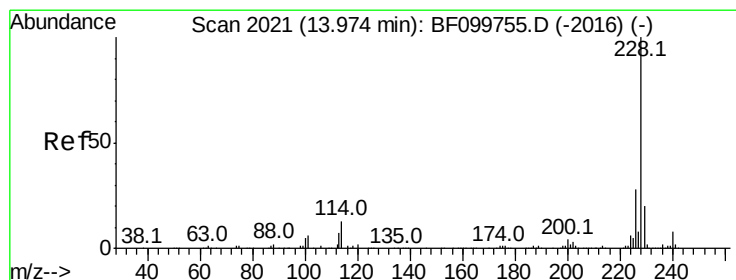
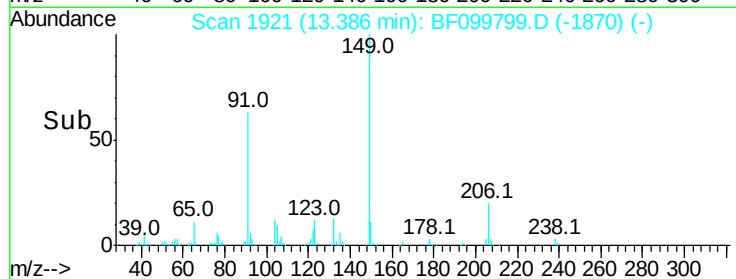
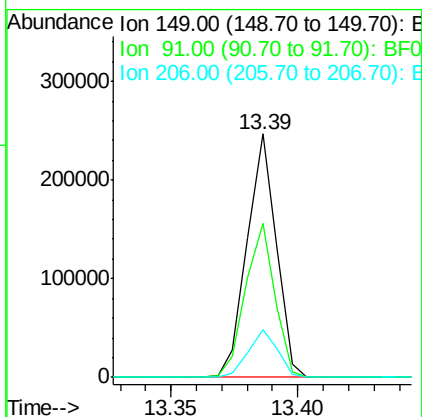
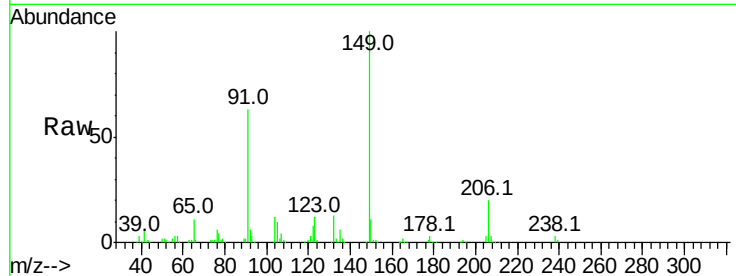
#79  
Butylbenzylphthalate  
Concen: 33.931 ng  
RT: 13.39 min Scan# 1921  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

Instrument :  
BNA\_F  
ClientSampleId :  
EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 198740 |       |       |
| 91      | 63.2  | 56.8   | 85.2  |       |
| 206     | 19.7  | 14.1   | 21.1  |       |

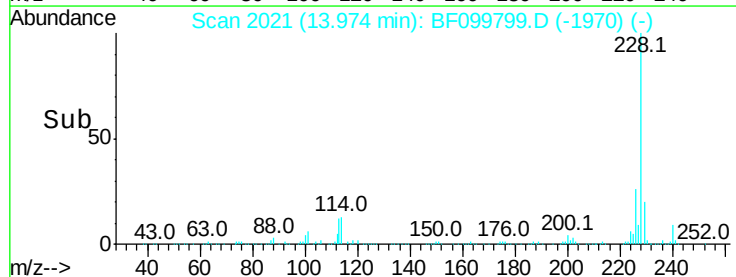
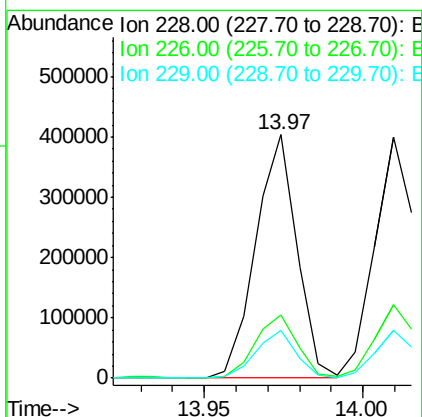
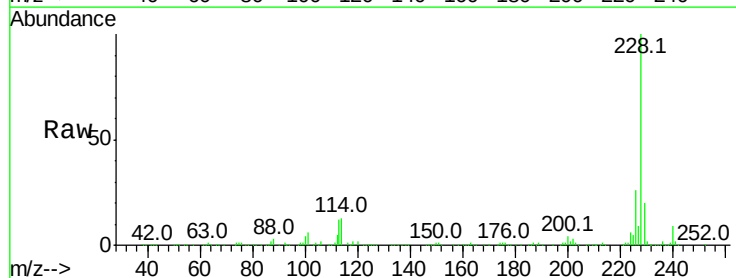
Manual Integrations  
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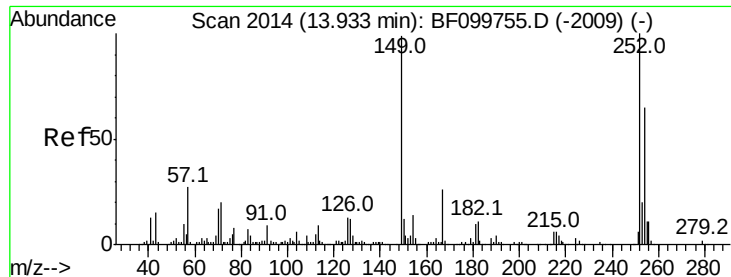
Sohil  
10/25/2017 6:25:52 PM



#80  
Benzo(a)anthracene  
Concen: 36.715 ng  
RT: 13.97 min Scan# 2021  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 364078 |       |       |
| 226     | 26.2  | 22.6   | 33.8  |       |
| 229     | 19.7  | 15.8   | 23.6  |       |





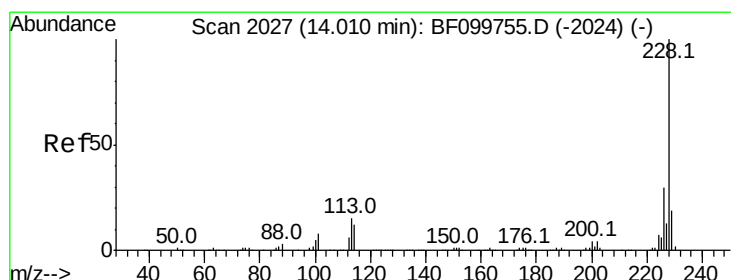
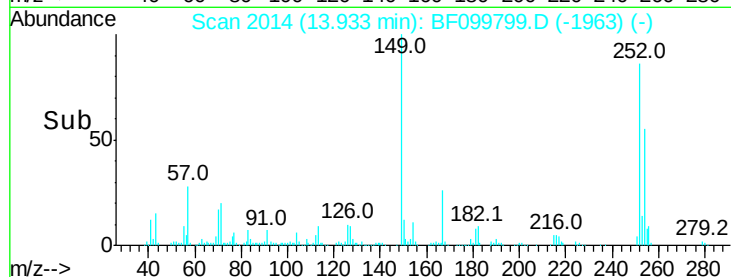
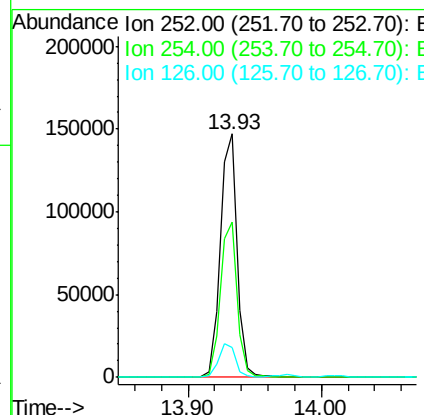
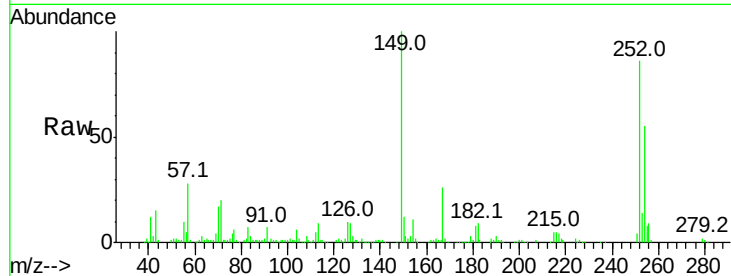
#81  
3,3'-Dichlorobenzidine  
Concen: 36.643 ng  
RT: 13.93 min Scan# 2014  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

Instrument :  
BNA\_F  
ClientSampleId :  
EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.5  | 50.4  | 75.6  |
| 126     | 12.1  | 11.3  | 16.9  |

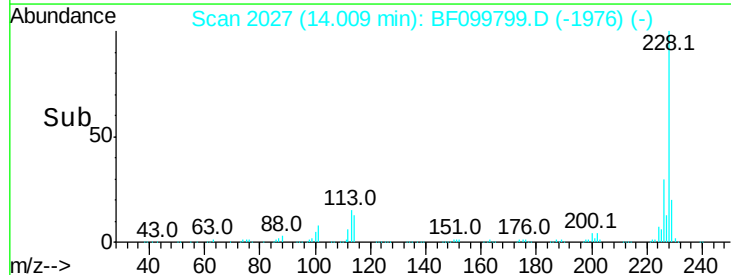
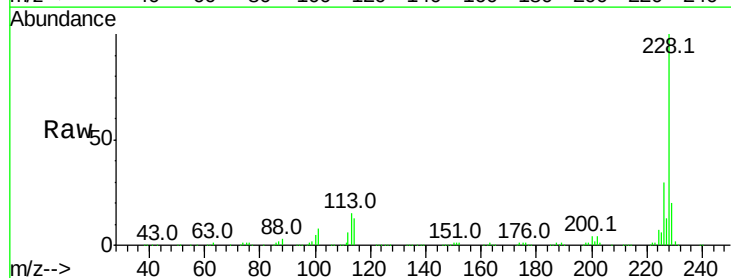
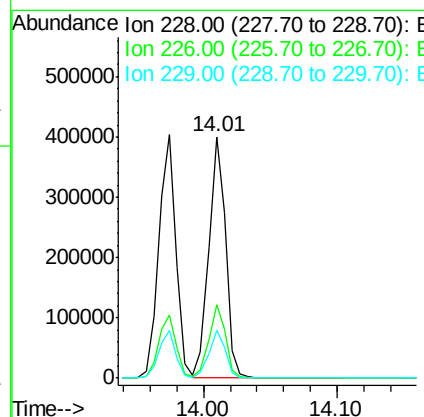
Manual Integrations  
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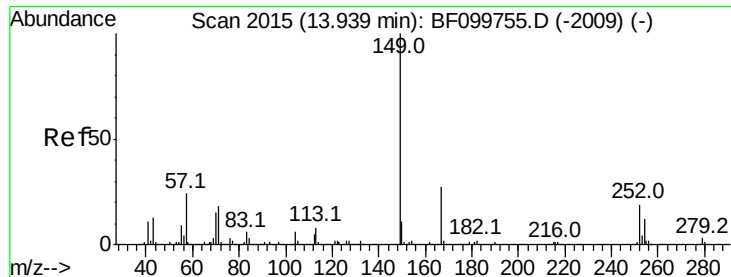
Sohil  
10/25/2017 6:25:52 PM



#82  
Chrysene  
Concen: 37.637 ng  
RT: 14.01 min Scan# 2027  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.3  | 25.0  | 37.6  |
| 229     | 20.0  | 16.2  | 24.4  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.199 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA\_F

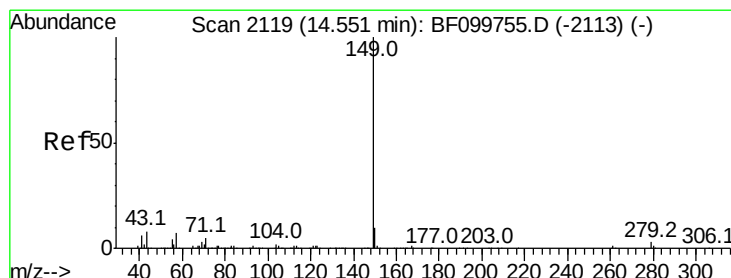
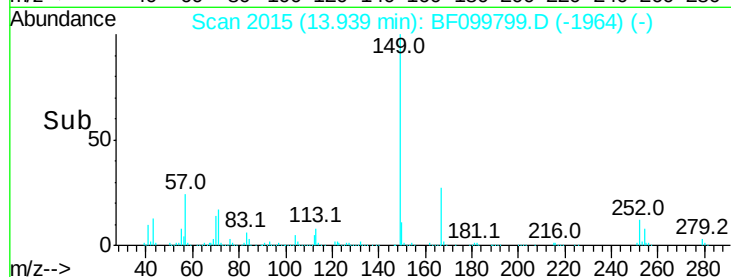
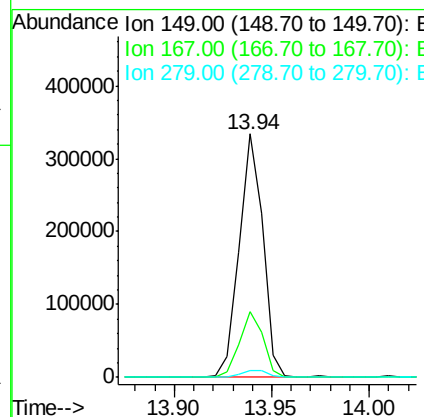
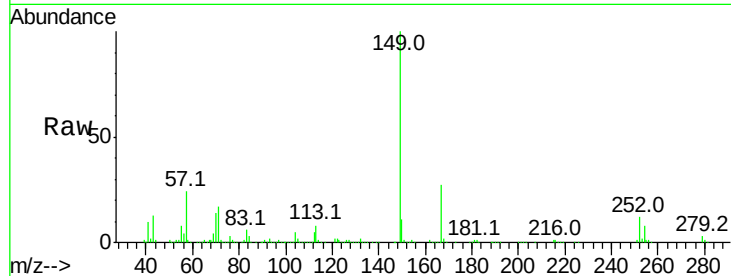
ClientSampleId :

EPE-M-6(50-52)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 281303 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 27.1  | 21.3  | 31.9   |
| 279       | 2.8   | 3.0   | 4.4#   |

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10/25/2017 6:25:52 PM



#84

Di-n-octyl phthalate

Concen: 35.674 ng

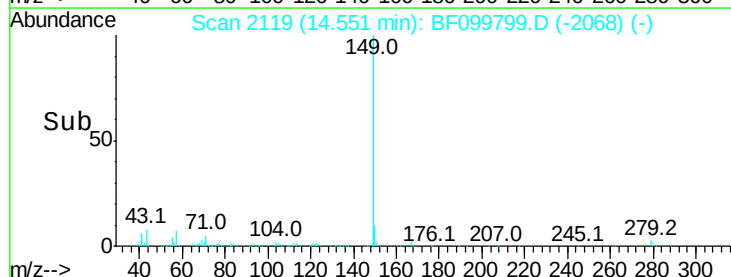
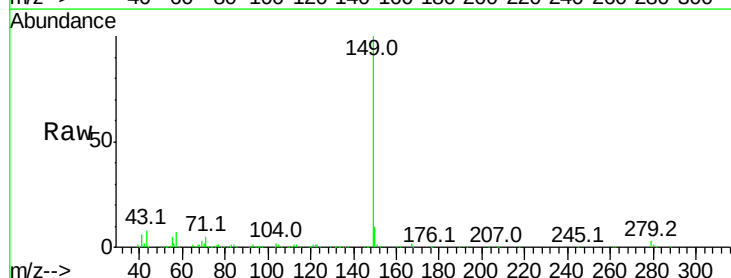
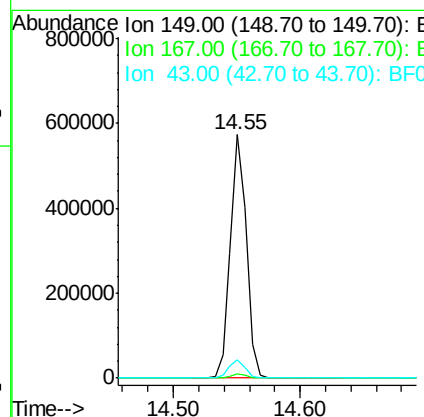
RT: 14.55 min Scan# 2119

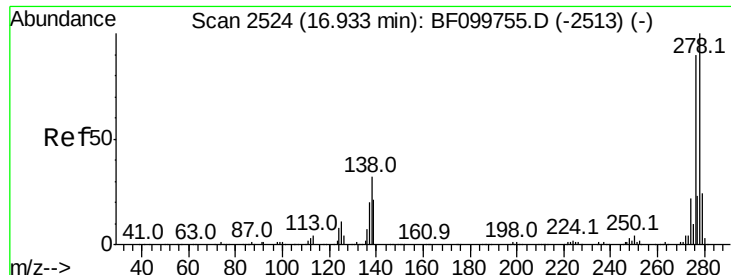
Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 503632 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.6   | 1.2   | 1.8    |
| 43        | 7.4   | 8.4   | 12.6#  |





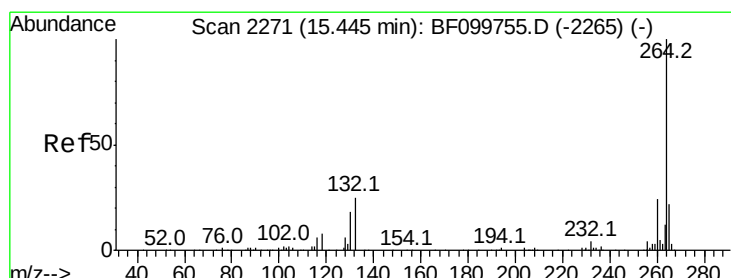
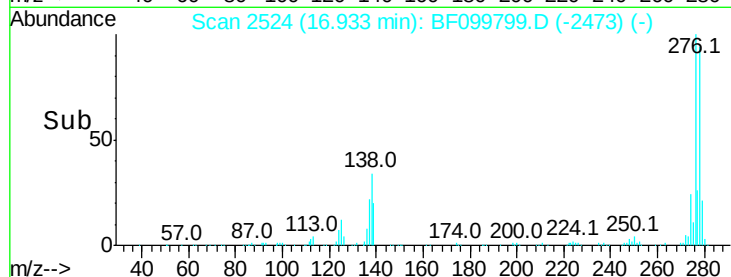
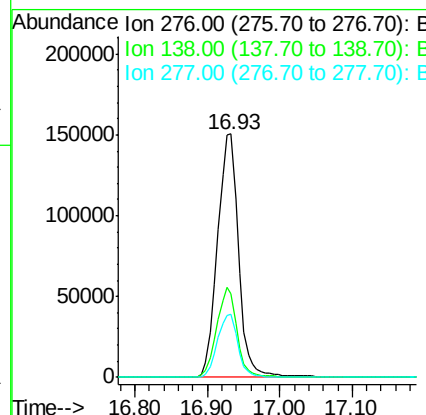
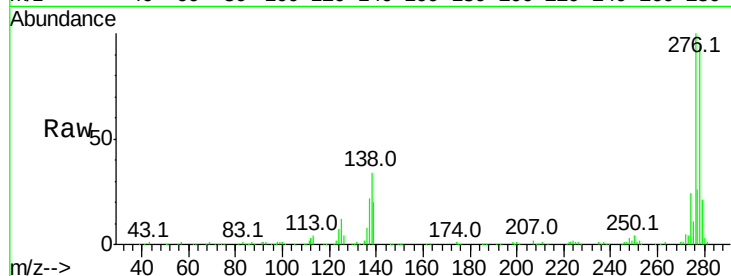
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 35.733 ng  
 RT: 16.93 min Scan# 2524  
 Delta R.T. -0.00 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 305820 |       |       |
| 138     | 35.2  |        | 25.0  | 37.6  |
| 277     | 25.4  |        | 20.1  | 30.1  |

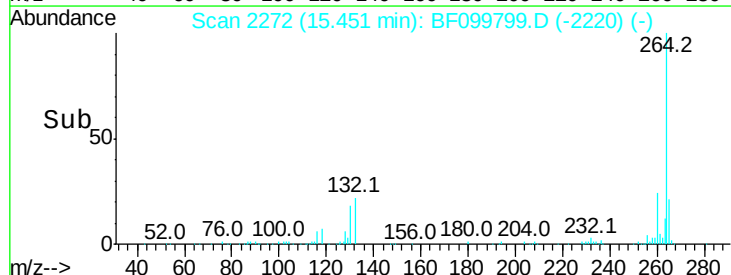
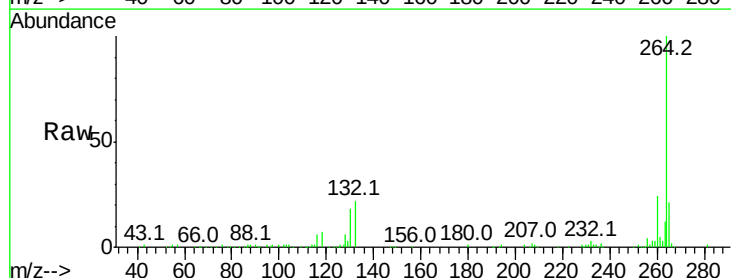
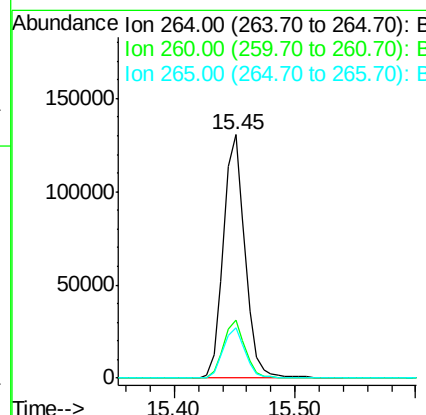
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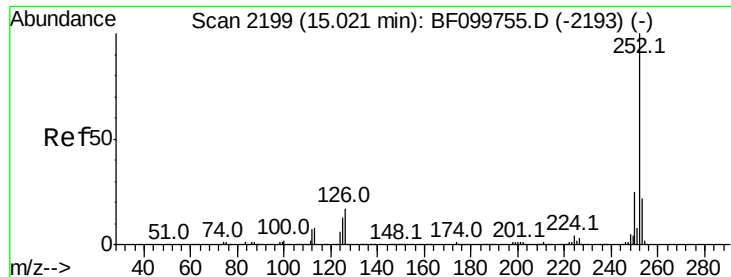
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#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.45 min Scan# 2272  
 Delta R.T. 0.01 min  
 Lab File: BF099799.D  
 Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 160435 |       |       |
| 260     | 23.7  |        | 19.2  | 28.8  |
| 265     | 20.8  |        | 17.5  | 26.3  |





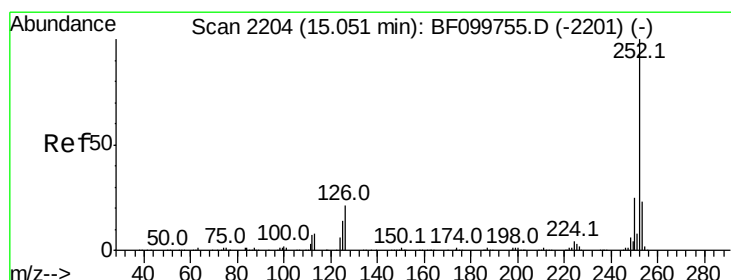
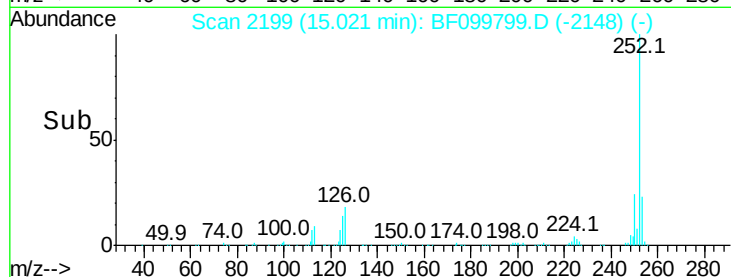
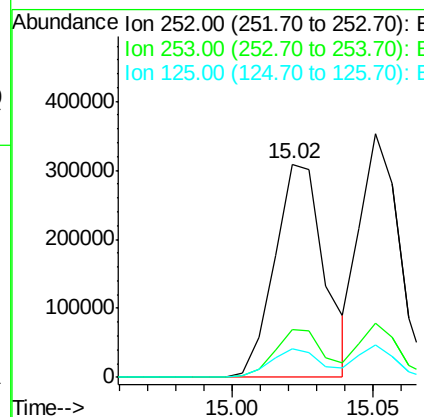
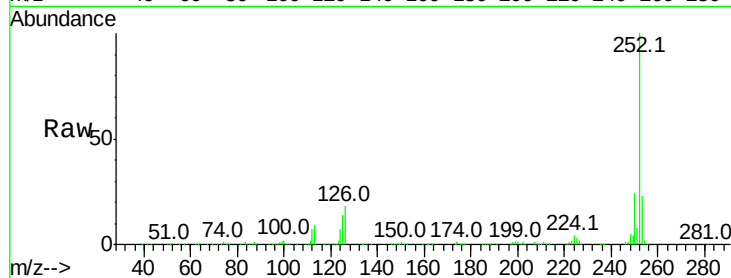
#87  
Benzo(b)fluoranthene  
Concen: 37.451 ng  
RT: 15.02 min Scan# 2199  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

Instrument :  
BNA\_F  
ClientSampleId :  
EPE-M-6(50-52)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.0  | 25.6  |
| 125     | 13.5  | 9.0   | 13.6  |

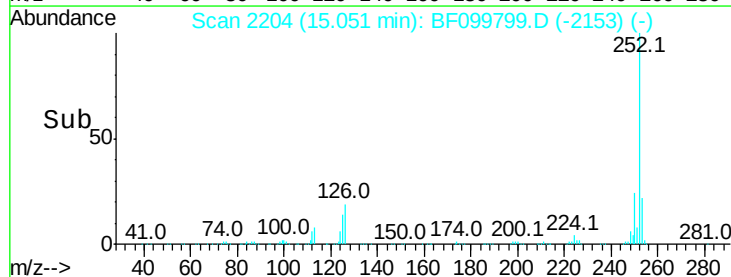
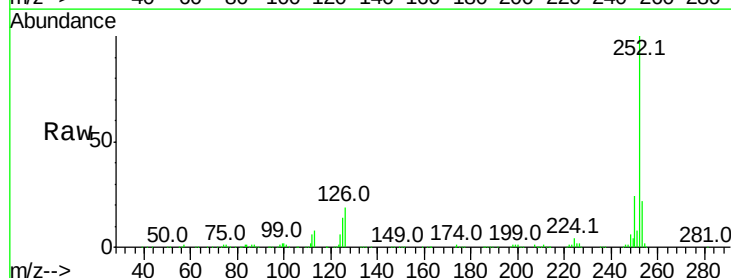
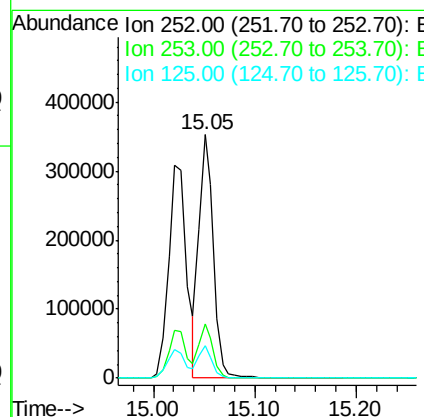
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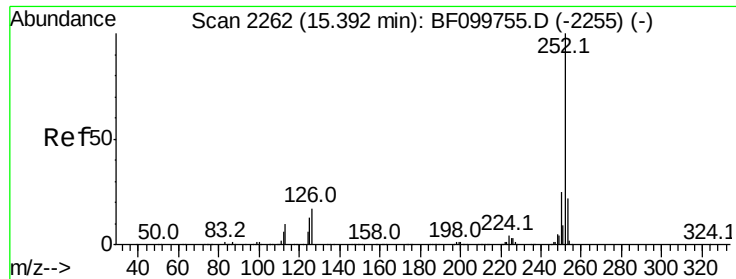
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#88  
Benzo(k)fluoranthene  
Concen: 36.297 ng  
RT: 15.05 min Scan# 2204  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.9  | 26.9  |
| 125     | 13.6  | 10.2  | 15.2  |





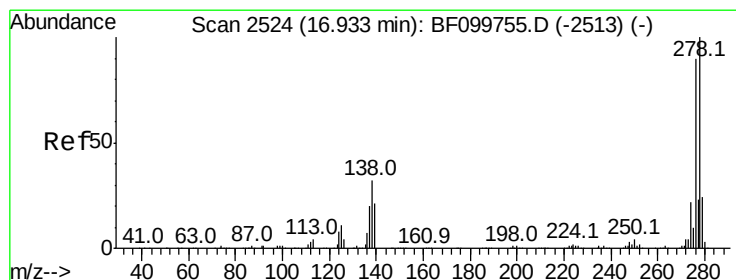
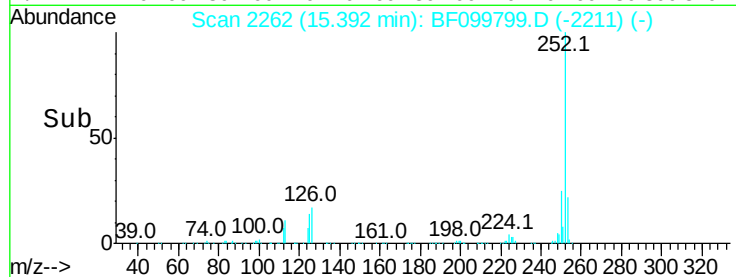
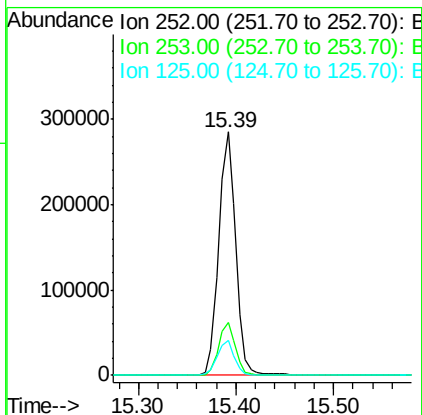
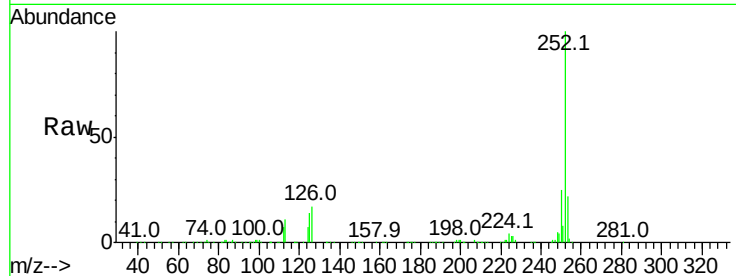
#89  
Benzo(a)pyrene  
Concen: 38.075 ng  
RT: 15.39 min Scan# 2262  
Delta R.T. -0.00 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

Instrument :  
BNA\_F  
ClientSampleId :  
EPE-M-6(50-52)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 346486 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.8  | 17.1  | 25.7   |
| 125       | 14.1  | 9.8   | 14.6   |

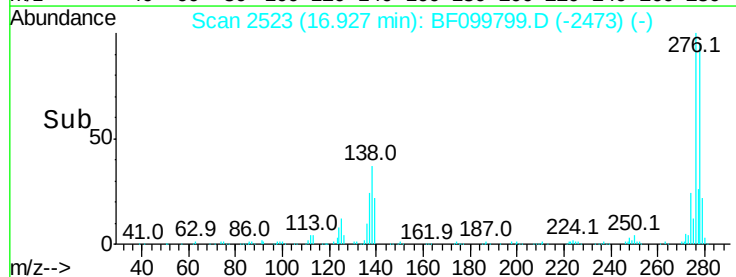
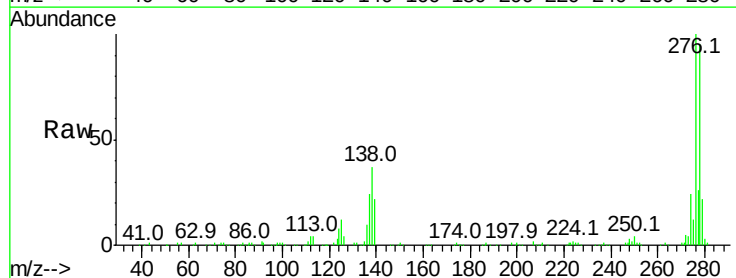
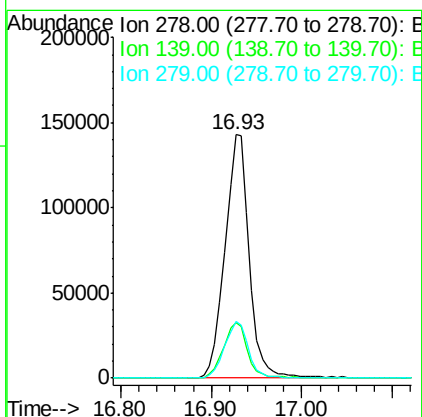
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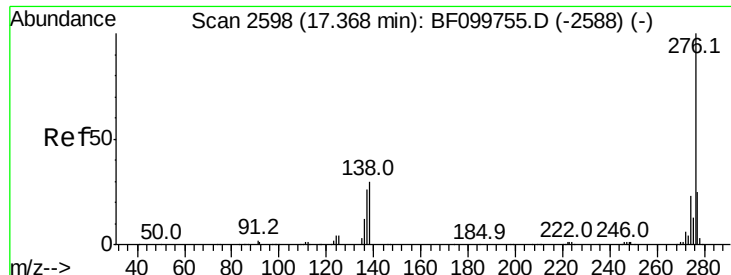


#90  
Dibenzo(a,h)anthracene  
Concen: 32.888 ng  
RT: 16.93 min Scan# 2523  
Delta R.T. -0.01 min  
Lab File: BF099799.D  
Acq: 24 Oct 2017 20:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 265934 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 22.9  | 15.9  | 23.9   |
| 279       | 23.1  | 19.0  | 28.4   |







#91

Benzo(a,h,i)perylene

Concen: 30.479 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.01 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA\_F

ClientSampleId :

EPE-M-6(50-52)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 241126 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.5  | 17.9  | 26.9   |
| 138       | 27.9  | 21.8  | 32.8   |

Manual Integrations  
APPROVED

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