

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\  
 Data File : BF109578.D  
 Acq On : 4 Oct 2018 6:20  
 Operator : JU/SJ  
 Sample : PB113461BSD  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB113461BSD

Manual Integrations  
 APPROVED

Sohil  
 10/4/2018 11:44:35 AM

Quant Time: Oct 04 07:29:55 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 22 13:32:18 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.70  | 152  | 88210    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.99  | 136  | 326588   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.73  | 164  | 141189   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.21 | 188  | 241594   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.84 | 240  | 192000   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.24 | 264  | 159628   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.33  | 112  | 483407   | 90.26  | ng    | 0.01     |
| 7) Phenol-d6                | 6.35  | 99   | 611492   | 89.48  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.27  | 82   | 560026   | 101.23 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.52 | 330  | 135963   | 97.69  | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.06  | 172  | 1009479  | 107.83 | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.79 | 244  | 857946   | 109.66 | ng    | -0.01    |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.45 | 88   | 87115    | 35.319 | ng    | 95     |
| 3) Pyridine                    | 3.15 | 79   | 228747   | 36.033 | ng    | 89     |
| 4) n-Nitrosodimethylamine      | 3.09 | 42   | 104670   | 38.744 | ng    | # 98   |
| 6) Aniline                     | 6.37 | 93   | 251595   | 28.776 | ng    | # 31   |
| 8) 2-Chlorophenol              | 6.49 | 128  | 265302   | 44.547 | ng    | 97     |
| 9) Benzaldehyde                | 6.25 | 77   | 113033   | 25.747 | ng    | 99     |
| 10) Phenol                     | 6.36 | 94   | 312750   | 40.411 | ng    | # 70   |
| 11) bis(2-Chloroethyl)ether    | 6.45 | 93   | 249783   | 41.247 | ng    | 93     |
| 12) 1,3-Dichlorobenzene        | 6.65 | 146  | 286617   | 41.799 | ng    | 97     |
| 13) 1,4-Dichlorobenzene        | 6.72 | 146  | 302383   | 43.772 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 6.87 | 146  | 266497   | 41.819 | ng    | 99     |
| 15) Benzyl Alcohol             | 6.85 | 79   | 214136   | 40.936 | ng    | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.99 | 45   | 343499   | 39.989 | ng    | 80     |
| 17) 2-Methylphenol             | 6.97 | 107  | 209806   | 43.539 | ng    | # 93   |
| 18) Hexachloroethane           | 7.22 | 117  | 89951    | 36.959 | ng    | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.12 | 70   | 183185   | 40.908 | ng    | 99     |
| 20) 3+4-Methylphenols          | 7.12 | 107  | 260454   | 44.767 | ng    | # 69   |
| 22) Acetophenone               | 7.12 | 105  | 372420   | 49.323 | ng    | 98     |
| 24) Nitrobenzene               | 7.29 | 77   | 271764   | 46.199 | ng    | 97     |
| 25) Isophorone                 | 7.53 | 82   | 500561   | 50.245 | ng    | 97     |
| 26) 2-Nitrophenol              | 7.60 | 139  | 116167   | 49.936 | ng    | 99     |
| 27) 2,4-Dimethylphenol         | 7.65 | 122  | 228454   | 52.628 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.74 | 93   | 319636   | 48.468 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 7.85 | 162  | 219990   | 48.235 | ng    | 97     |
| 30) 1,2,4-Trichlorobenzene     | 7.93 | 180  | 229212   | 44.976 | ng    | 98     |
| 31) Naphthalene                | 8.01 | 128  | 725628   | 47.547 | ng    | 99     |
| 32) Benzoic acid               | 7.78 | 122  | 104414   | 37.181 | ng    | 98     |
| 33) 4-Chloroaniline            | 8.06 | 127  | 162858   | 24.427 | ng    | 99     |
| 34) Hexachlorobutadiene        | 8.13 | 225  | 139516   | 45.411 | ng    | 97     |
| 35) Caprolactam                | 8.43 | 113  | 66431m   | 45.622 | ng    |        |
| 36) 4-Chloro-3-methylphenol    | 8.55 | 107  | 224071   | 46.688 | ng    | 99     |
| 37) 2-Methylnaphthalene        | 8.70 | 142  | 483835   | 49.179 | ng    | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.87 | 216  | 227291   | 50.584 | ng    | 97     |
| 40) Hexachlorocyclopentadiene  | 8.85 | 237  | 50474    | 25.754 | ng    | 98     |

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Manual Integrations  
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 10/4/2018 11:44:35 AM

Quant Time: Oct 04 07:29:55 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 22 13:32:18 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.98  | 196  | 137738   | 47.761 | nq    | 100      |
| 43) 2,4,5-Trichlorophenol      | 9.03  | 196  | 156650   | 51.432 | nq    | 95       |
| 45) 1,1'-Biphenyl              | 9.16  | 154  | 579753   | 50.398 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.19  | 162  | 431839   | 46.990 | nq    | 99       |
| 47) 2-Nitroaniline             | 9.28  | 65   | 139109   | 53.390 | nq    | 93       |
| 48) Acenaphthylene             | 9.60  | 152  | 685496   | 49.445 | nq    | 99       |
| 49) Dimethylphthalate          | 9.46  | 163  | 533785   | 51.979 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.52  | 165  | 104274   | 51.270 | nq    | 90       |
| 51) Acenaphthene               | 9.77  | 154  | 374540   | 44.684 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.69  | 138  | 97611    | 41.443 | nq    | 96       |
| 53) 2,4-Dinitrophenol          | 9.80  | 184  | 18033    | 30.848 | nq #  | 38       |
| 54) Dibenzofuran               | 9.94  | 168  | 561644   | 45.056 | nq    | 96       |
| 55) 4-Nitrophenol              | 9.87  | 139  | 132532   | 74.695 | nq    | 94       |
| 56) 2,4-Dinitrotoluene         | 9.93  | 165  | 123150   | 47.855 | nq #  | 93       |
| 57) Fluorene                   | 10.28 | 166  | 428733   | 48.204 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.06 | 232  | 123175   | 51.076 | nq #  | 85       |
| 59) Diethylphthalate           | 10.16 | 149  | 510199   | 49.062 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.27 | 204  | 212849   | 45.818 | nq    | 94       |
| 61) 4-Nitroaniline             | 10.30 | 138  | 108684   | 47.316 | nq    | 95       |
| 62) Azobenzene                 | 10.43 | 77   | 461695   | 42.733 | nq    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 10.34 | 198  | 17365    | 22.039 | nq    | 85       |
| 65) n-Nitrosodiphenylamine     | 10.39 | 169  | 409706   | 51.328 | nq    | 95       |
| 66) 4-Bromophenyl-phenylether  | 10.76 | 248  | 133422   | 49.732 | nq #  | 87       |
| 67) Hexachlorobenzene          | 10.83 | 284  | 135336   | 47.498 | nq #  | 88       |
| 68) Atrazine                   | 10.92 | 200  | 132738   | 54.070 | nq    | 98       |
| 69) Pentachlorophenol          | 11.03 | 266  | 129314   | 75.829 | nq    | 99       |
| 70) Phenanthrene               | 11.24 | 178  | 589700   | 48.886 | nq    | 99       |
| 71) Anthracene                 | 11.29 | 178  | 631961   | 51.653 | nq    | 99       |
| 72) Carbazole                  | 11.44 | 167  | 551727   | 45.324 | nq    | 100      |
| 73) Di-n-butylphthalate        | 11.78 | 149  | 708160   | 50.533 | nq    | 99       |
| 74) Fluoranthene               | 12.42 | 202  | 626264   | 48.581 | nq    | 96       |
| 76) Benzidine                  | 12.54 | 184  | 482611   | 69.716 | nq    | 98       |
| 77) Pyrene                     | 12.64 | 202  | 620087   | 45.063 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.27 | 149  | 282776   | 48.303 | nq    | 95       |
| 80) Benzo(a)anthracene         | 13.83 | 228  | 523826   | 45.295 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.79 | 252  | 212540   | 48.358 | nq    | 99       |
| 82) Chrysene                   | 13.87 | 228  | 535048   | 46.678 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.83 | 149  | 357971   | 48.485 | nq    | 97       |
| 84) Di-n-octyl phthalate       | 14.43 | 149  | 666039   | 52.761 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.59 | 276  | 396158   | 42.639 | nq #  | 92       |
| 87) Benzo(b)fluoranthene       | 14.84 | 252  | 431565   | 49.201 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 14.87 | 252  | 463898m  | 55.734 | nq    |          |
| 89) Benzo(a)pyrene             | 15.19 | 252  | 408701   | 51.709 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.60 | 278  | 334622   | 51.605 | nq #  | 96       |
| 91) Benzo(g,h,i)perylene       | 17.00 | 276  | 323585   | 50.776 | nq #  | 91       |

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

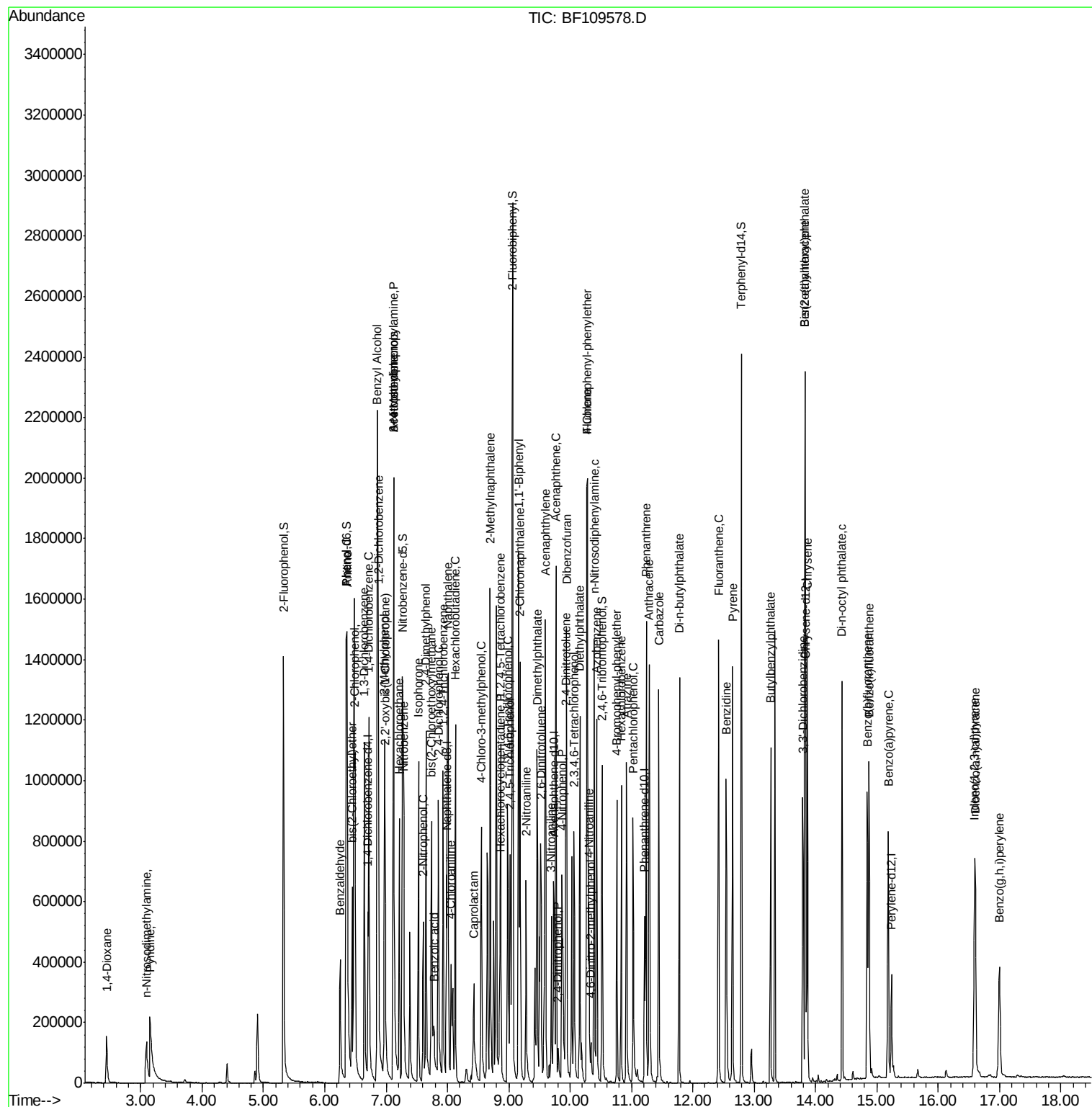
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\  
Data File : BF109578.D  
Acq On : 4 Oct 2018 6:20  
Operator : JU/SJ  
Sample : PB113461BSD  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

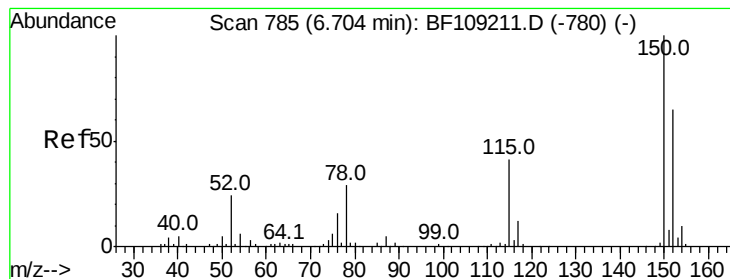
Instrument :  
BNA\_F  
ClientSampled :  
PB113461BSD

Manual Integrations  
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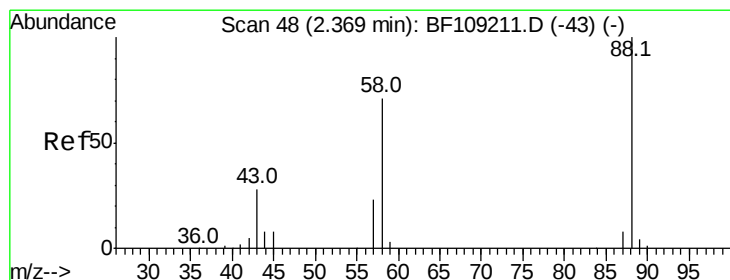
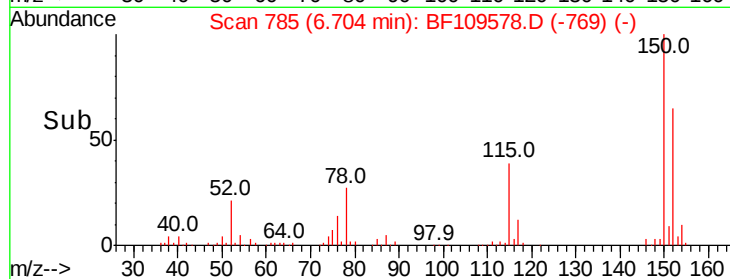
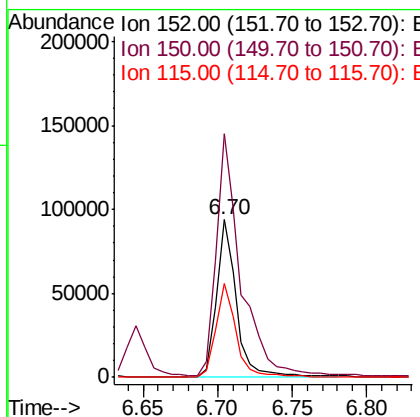
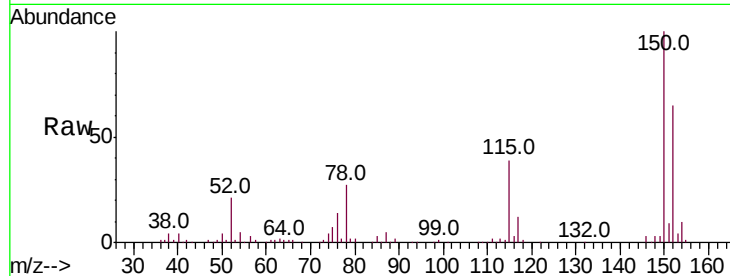
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 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.70 min Scan# 785  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB113461BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.4 | 124.6 | 186.8 |
| 115     | 59.6  | 50.1  | 75.1  |

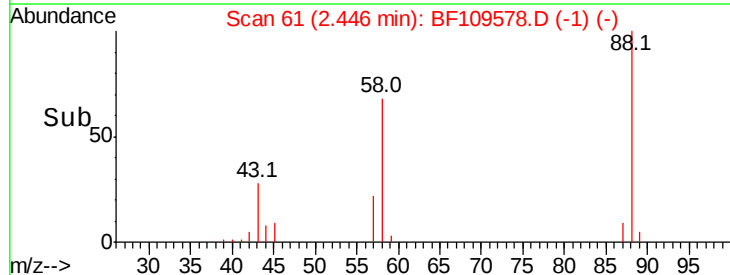
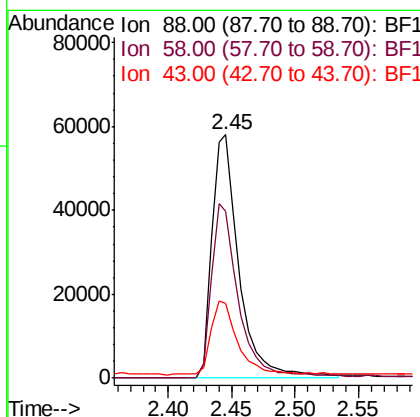
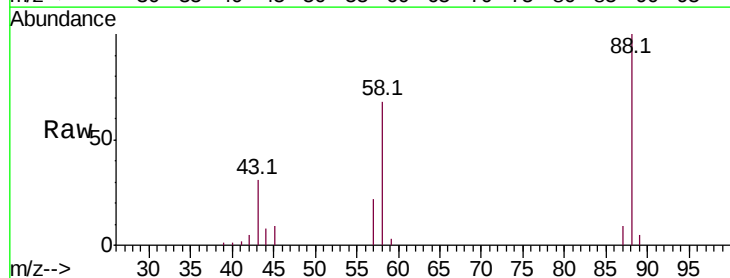
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#2  
 1,4-Dioxane  
 Concen: 35.319 ng  
 RT: 2.45 min Scan# 61  
 Delta R.T. 0.08 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 72.3  | 62.6  | 93.8  |
| 43      | 29.8  | 24.6  | 37.0  |





#3

Pvridine

Concen: 36.033 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.09 min

Lab File: BF109578.D

Acq: 4 Oct 2018 6:20

Instrument :

BNA\_F

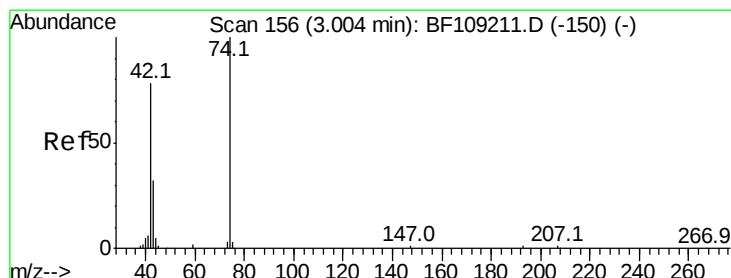
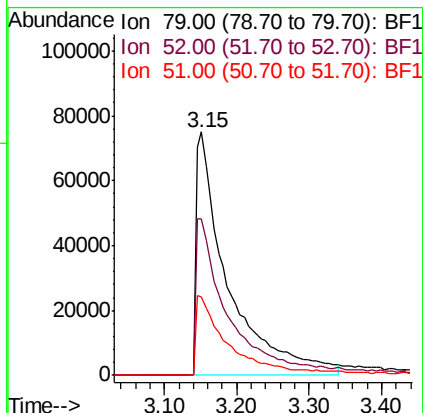
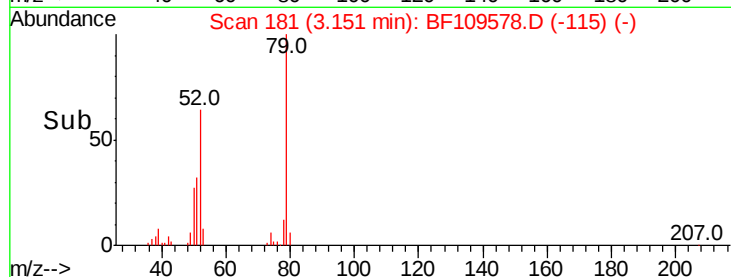
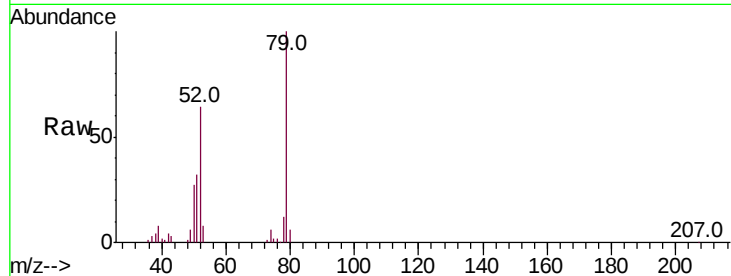
ClientSampleId :

PB113461BSD

| Tot Ion   | 79    | Resp  | 228747 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 64.4  | 59.8  | 89.6   |
| 51        | 32.3  | 29.8  | 44.8   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 38.744 ng

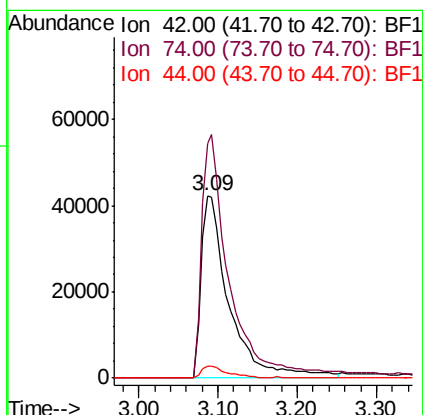
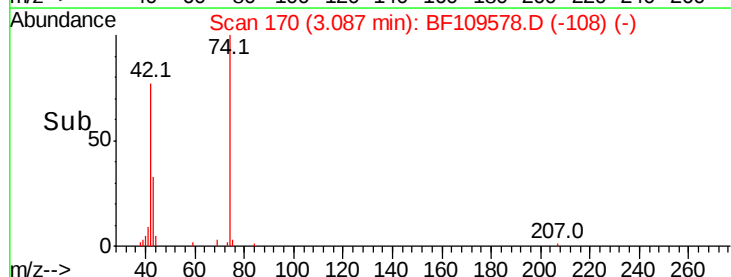
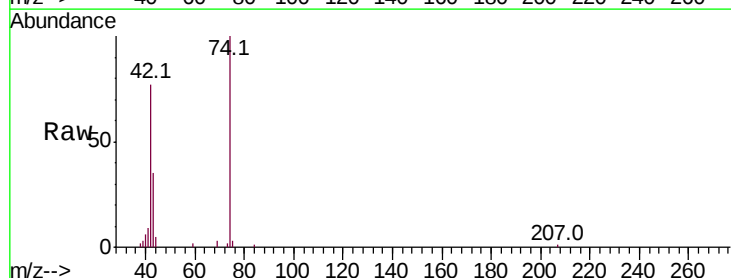
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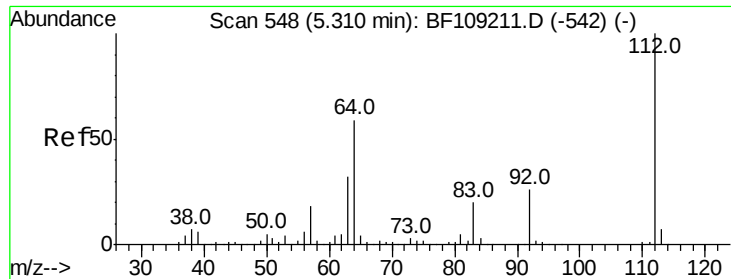
Delta R.T. 0.06 min

Lab File: BF109578.D

Acq: 4 Oct 2018 6:20

| Tgt Ion   | 42    | Resp  | 104670 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 129.1 | 104.9 | 157.3  |
| 44        | 6.7   | 6.9   | 10.3#  |





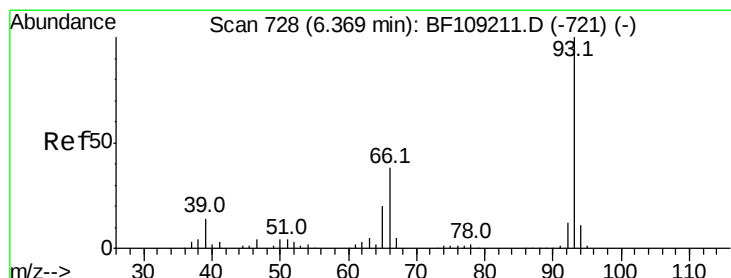
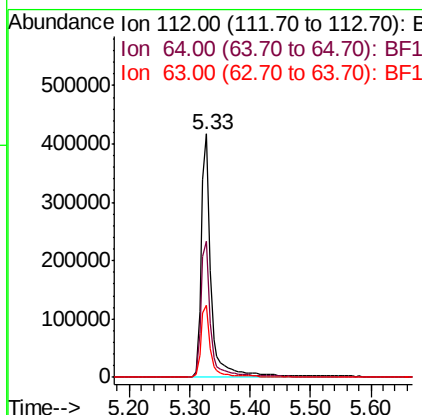
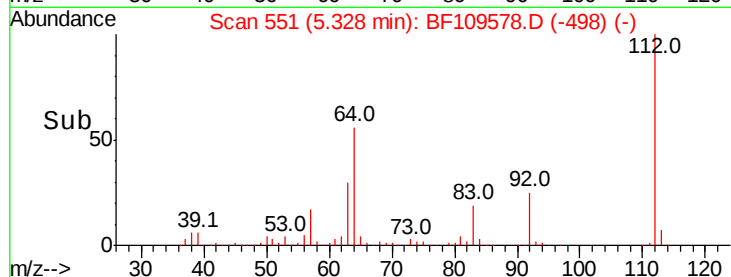
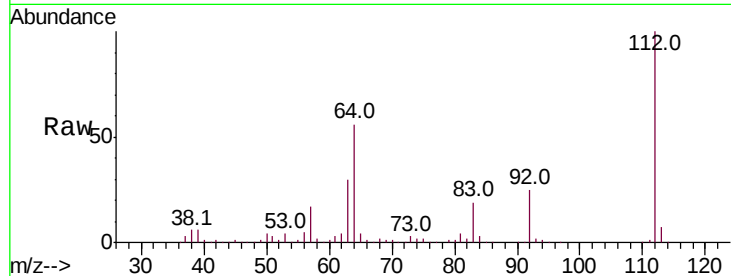
#5  
 2-Fluorophenol  
 Concen: 90.263 ng  
 RT: 5.33 min Scan# 551  
 Delta R.T. 0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB113461BSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 112  | Resp: | 483407 |
| Ion Ratio |      | Lower | Upper  |
| 112       | 100  |       |        |
| 64        | 55.9 | 47.9  | 71.9   |
| 63        | 29.6 | 23.7  | 35.5   |

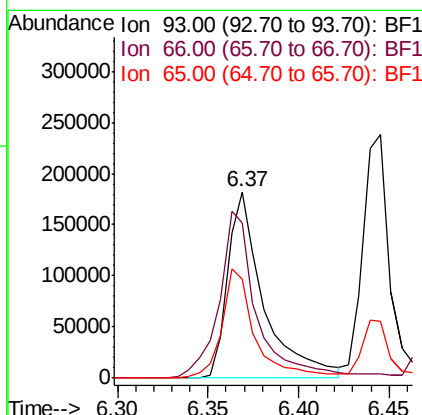
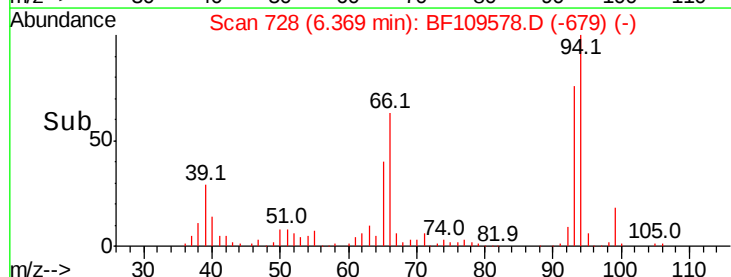
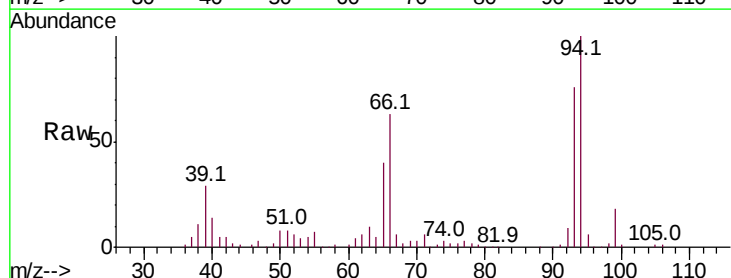
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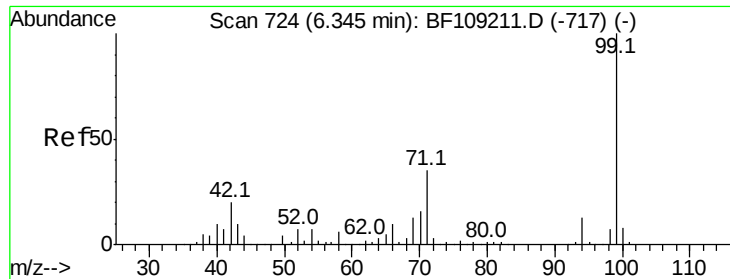
Sohil  
 10/4/2018 11:44:35 AM



#6  
 Aniline  
 Concen: 28.776 ng  
 RT: 6.37 min Scan# 728  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 93   | Resp: | 251595 |
| Ion Ratio |      | Lower | Upper  |
| 93        | 100  |       |        |
| 66        | 83.1 | 32.2  | 48.2#  |
| 65        | 52.9 | 16.4  | 24.6#  |





#7

Phenol-d6

Concen: 89.480 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109578.D

Acq: 4 Oct 2018 6:20

Instrument :

BNA\_F

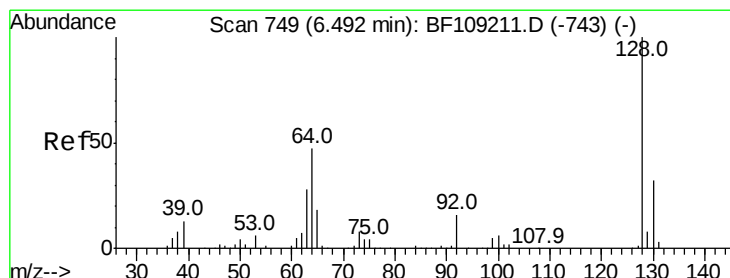
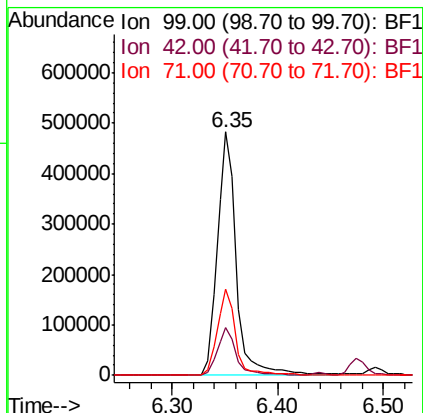
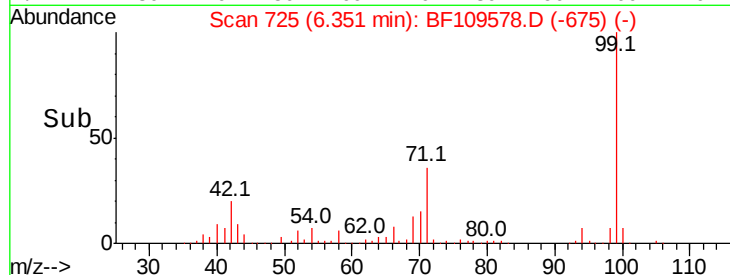
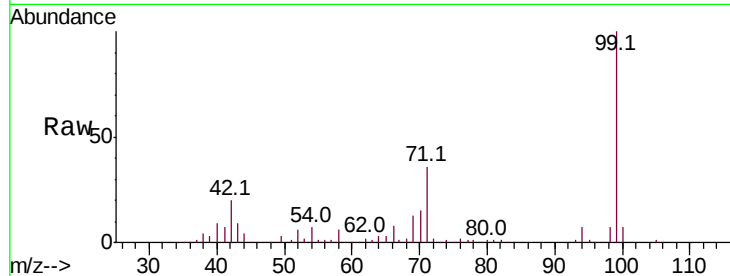
ClientSampleId :

PB113461BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 611492 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 19.6  | 14.5  | 21.7   |
| 71        | 35.5  | 25.4  | 38.0   |

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#8

2-Chlorophenol

Concen: 44.547 ng

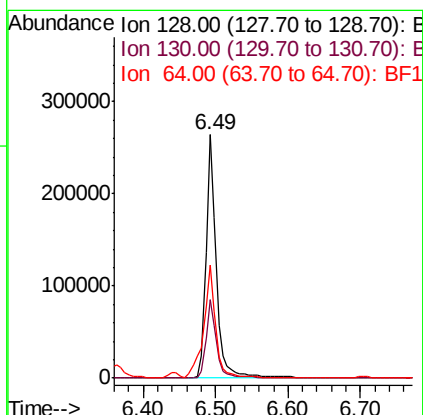
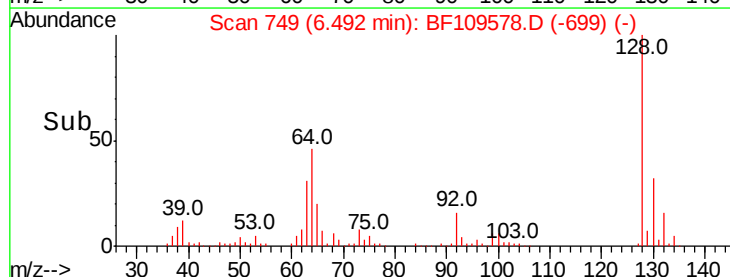
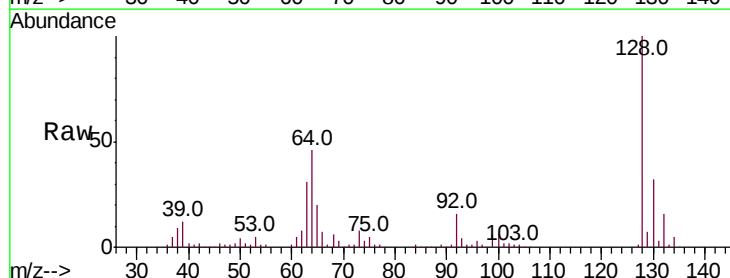
RT: 6.49 min Scan# 749

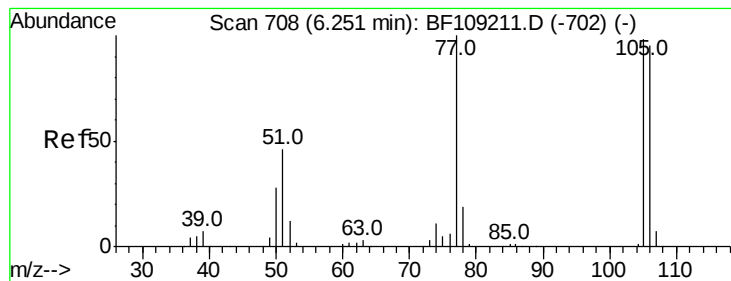
Delta R.T. -0.01 min

Lab File: BF109578.D

Acq: 4 Oct 2018 6:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 265302 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.1  | 13.0  | 53.0   |
| 64        | 46.3  | 29.4  | 69.4   |





#9

Benzaldehyde

Concen: 25.747 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF109578.D

Acq: 4 Oct 2018 6:20

Instrument :

BNA\_F

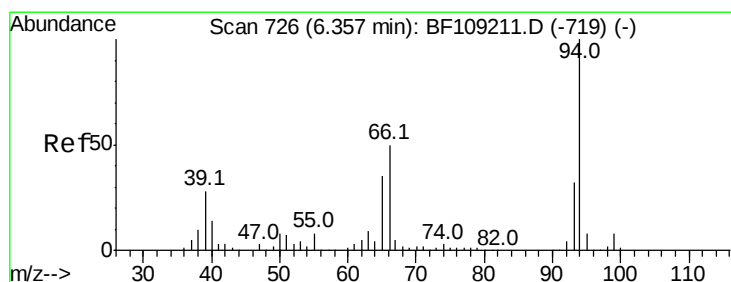
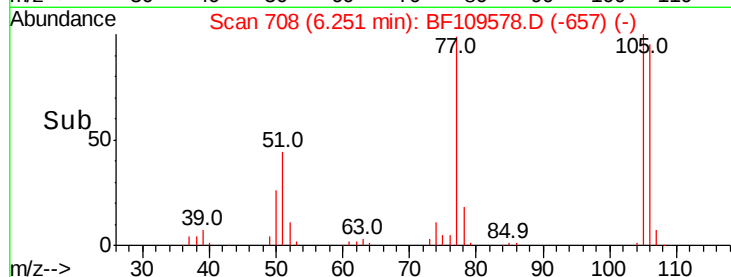
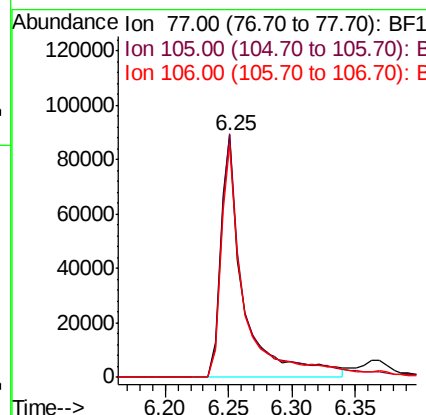
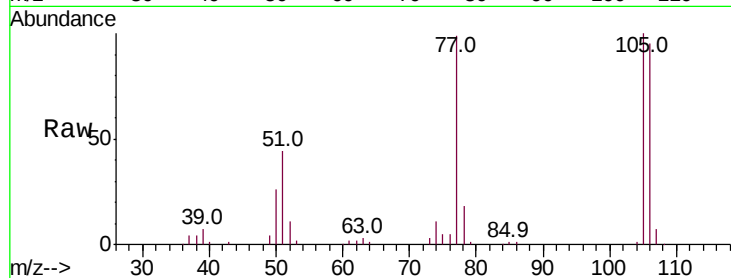
ClientSampleId :

PB113461BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 113033 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 100.7 | 81.1  | 121.1  |
| 106      | 96.0  | 74.5  | 114.5  |

Manual Integrations  
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#10

Phenol

Concen: 40.411 ng

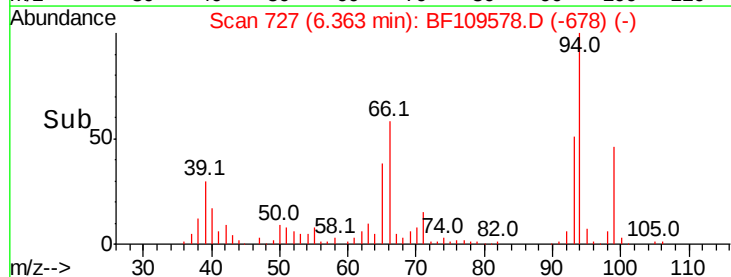
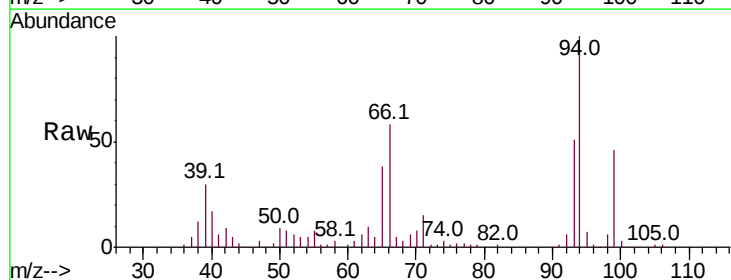
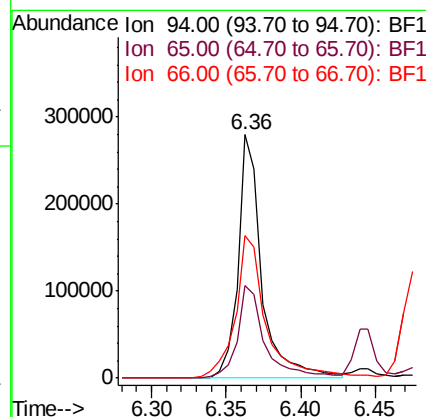
RT: 6.36 min Scan# 727

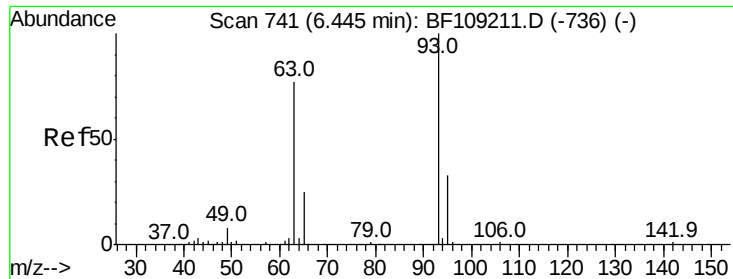
Delta R.T. -0.01 min

Lab File: BF109578.D

Acq: 4 Oct 2018 6:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 312750 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 38.0  | 7.9   | 47.9   |
| 66       | 58.4  | 16.2  | 56.2#  |





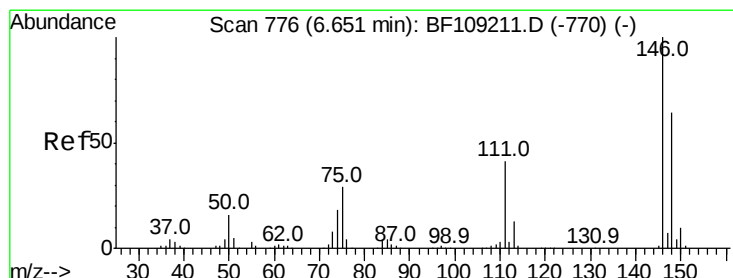
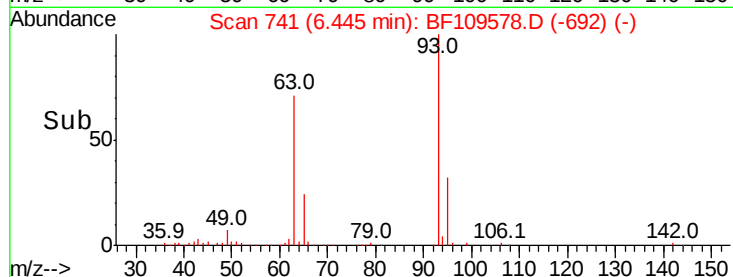
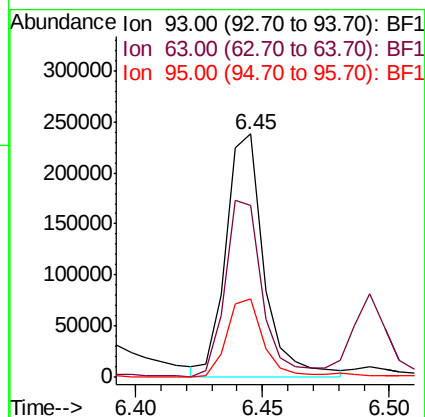
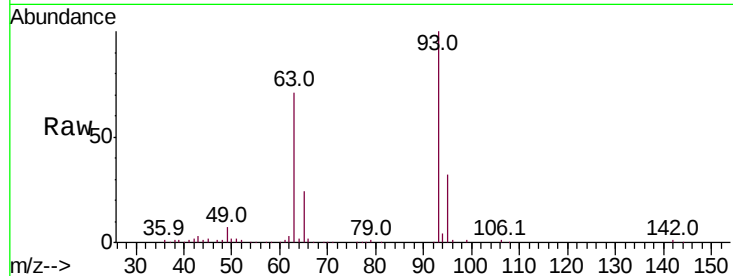
#11  
bis(2-Chloroethyl)ether  
Concen: 41.247 ng  
RT: 6.45 min Scan# 741  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB113461BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 70.8  | 58.6  | 98.6  |
| 95      | 32.4  | 11.8  | 51.8  |

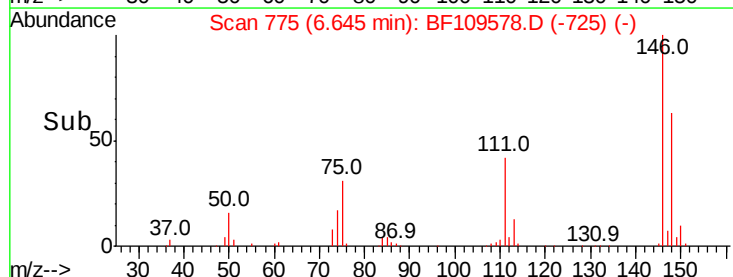
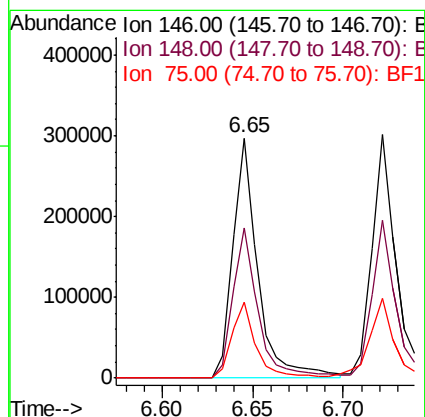
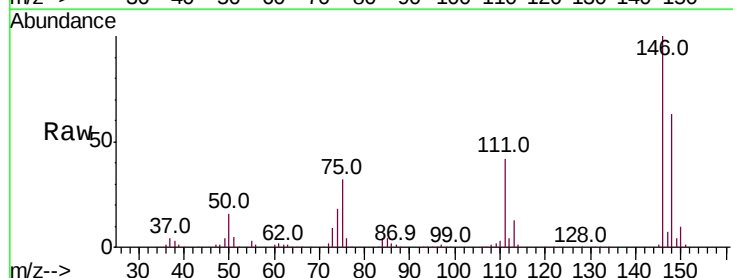
Manual Integrations  
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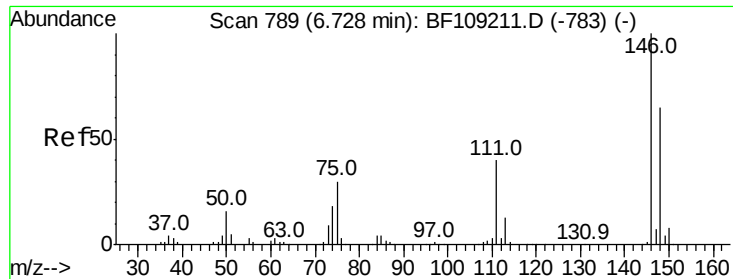
Sohil  
10/4/2018 11:44:35 AM



#12  
1,3-Dichlorobenzene  
Concen: 41.799 ng  
RT: 6.65 min Scan# 775  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.5  | 51.8  | 77.8  |
| 75      | 31.6  | 24.2  | 36.4  |





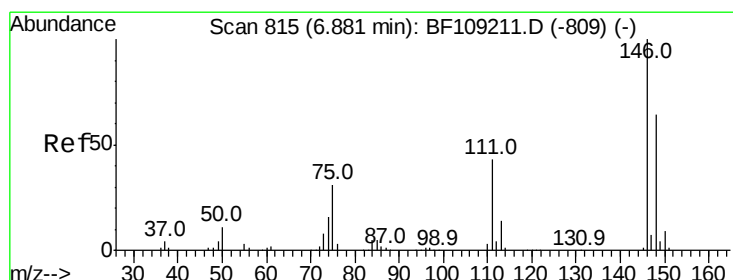
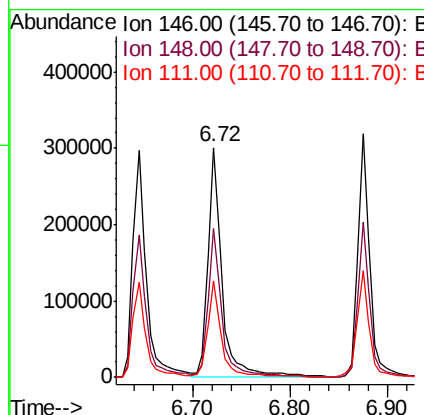
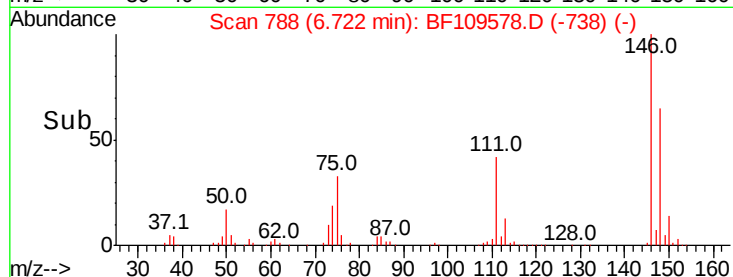
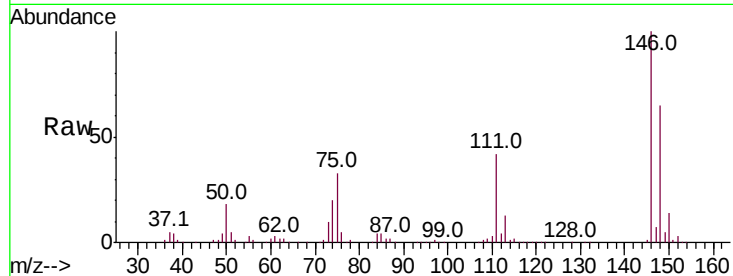
#13  
 1,4-Dichlorobenzene  
 Concen: 43.772 ng  
 RT: 6.72 min Scan# 788  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB113461BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.9  | 50.8  | 76.2  |
| 111     | 42.0  | 34.2  | 51.2  |

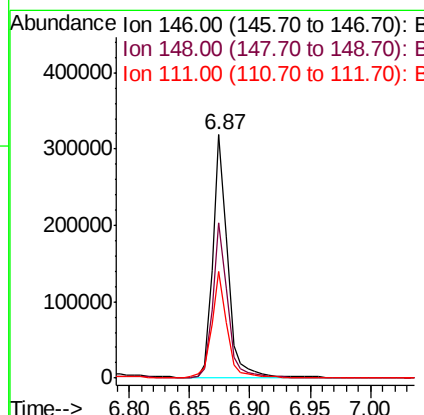
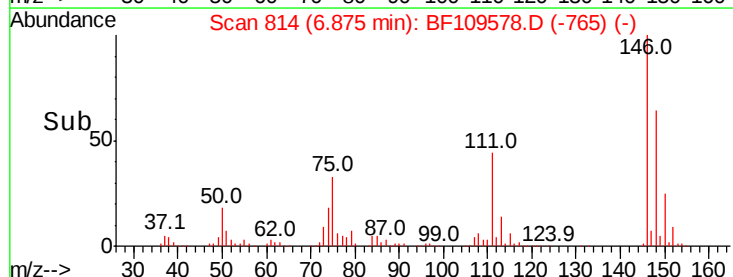
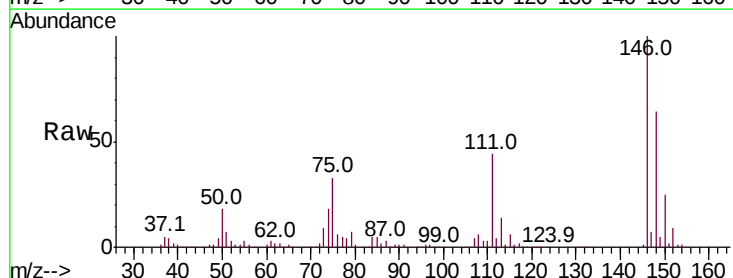
Manual Integrations  
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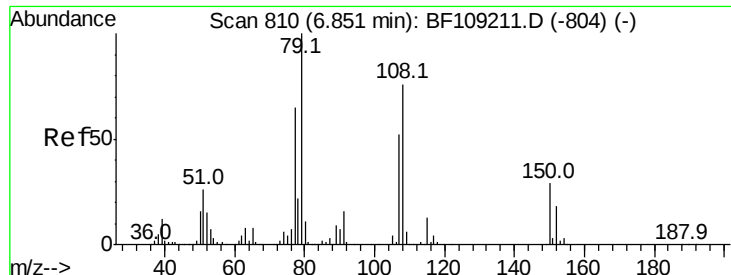
Sohil  
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#14  
 1,2-Dichlorobenzene  
 Concen: 41.819 ng  
 RT: 6.87 min Scan# 814  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 50.6  | 75.8  |
| 111     | 43.7  | 36.0  | 54.0  |





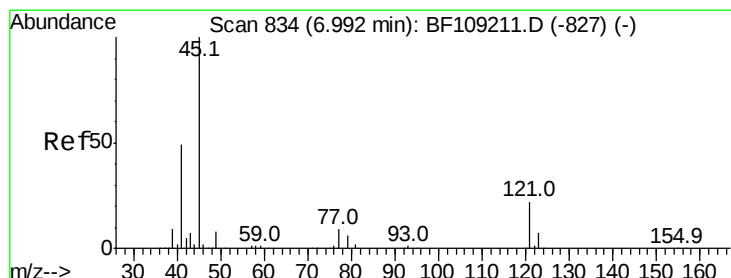
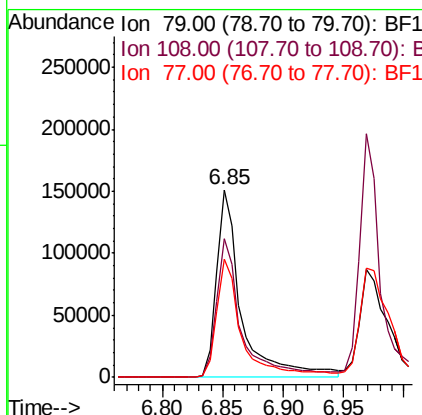
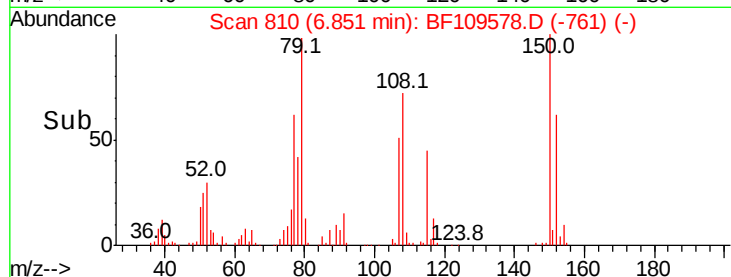
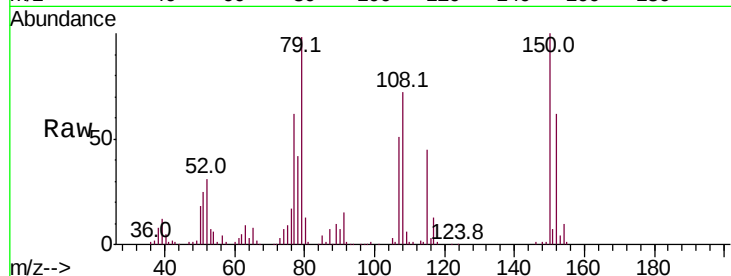
#15  
Benzyl Alcohol  
Concen: 40.936 ng  
RT: 6.85 min Scan# 810  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB113461BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 79      | 100   |      |       |       |
| 108     | 73.8  | 65.1 | 97.7  |       |
| 77      | 63.0  | 50.6 | 75.8  |       |

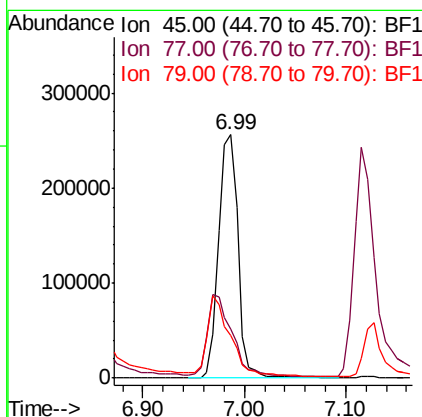
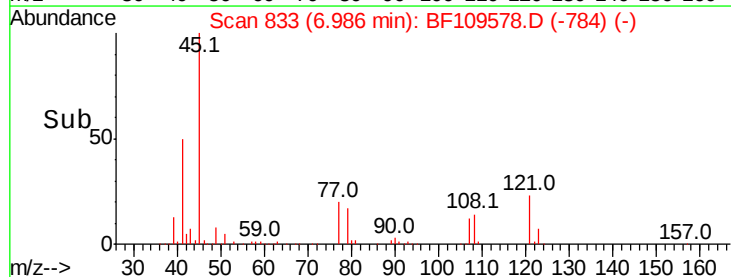
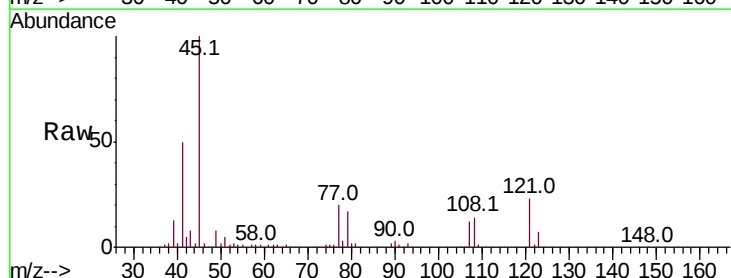
Manual Integrations  
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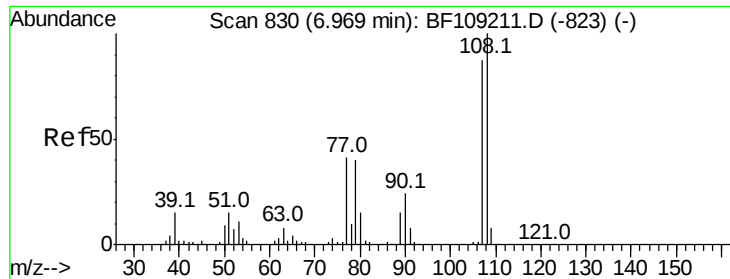
Sohil  
10/4/2018 11:44:35 AM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.989 ng  
RT: 6.99 min Scan# 833  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 45      | 100   |      |       |       |
| 77      | 20.3  | 0.0  | 32.9  |       |
| 79      | 17.4  | 0.0  | 29.6  |       |





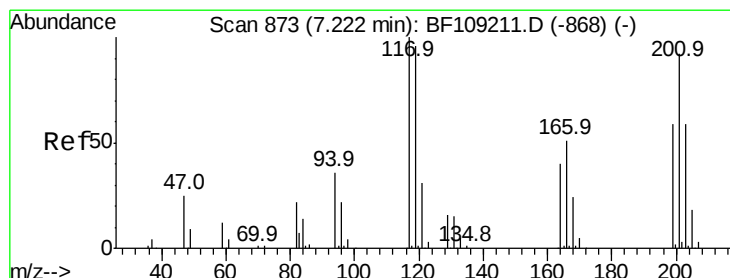
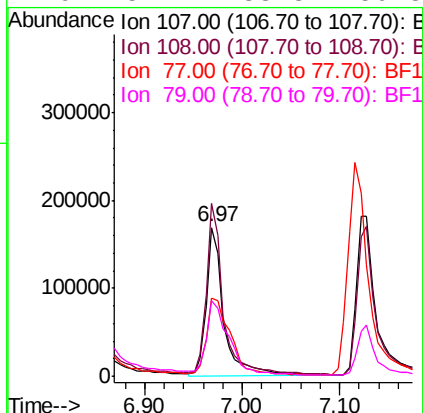
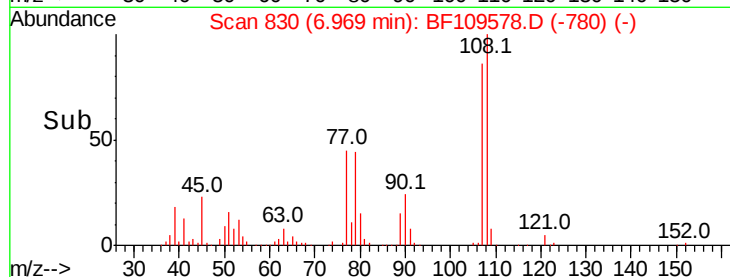
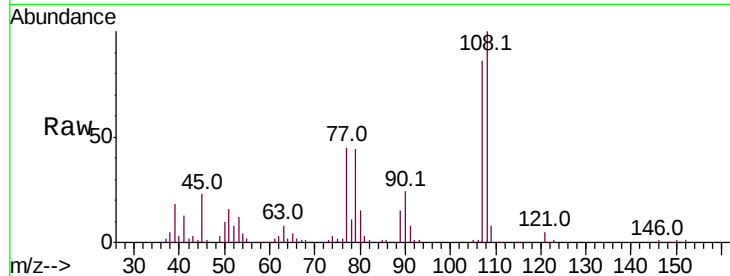
#17  
2-Methylphenol  
Concen: 43.539 ng  
RT: 6.97 min Scan# 830  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB113461BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 209806 |       |       |
| 108     | 115.8 | 91.7   | 137.5 |       |
| 77      | 52.0  | 33.8   | 50.8# |       |
| 79      | 51.1  | 33.8   | 50.8# |       |

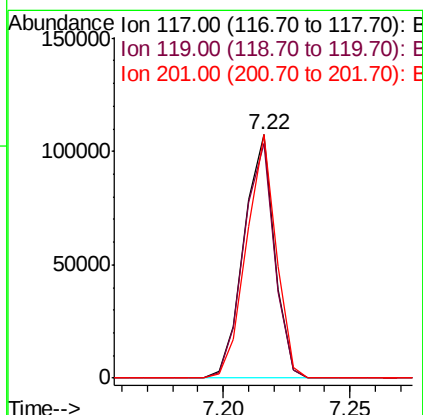
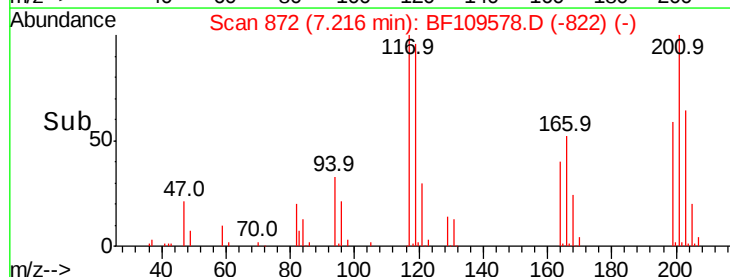
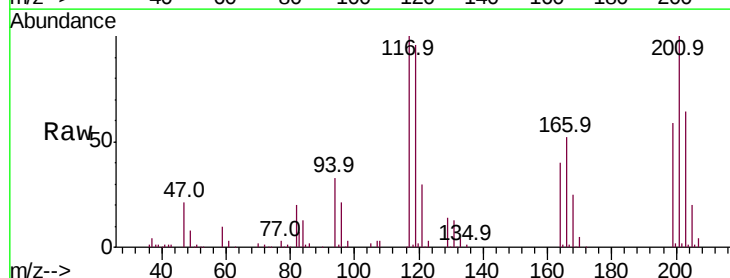
Manual Integrations  
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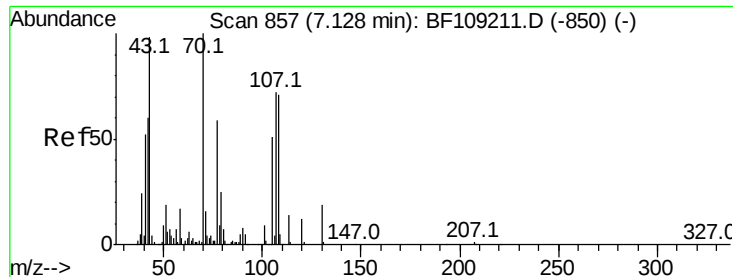
Sohil  
10/4/2018 11:44:35 AM



#18  
Hexachloroethane  
Concen: 36.959 ng  
RT: 7.22 min Scan# 872  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 89951 |       |       |
| 119     | 96.5  | 75.8  | 113.8 |       |
| 201     | 100.1 | 75.7  | 113.5 |       |





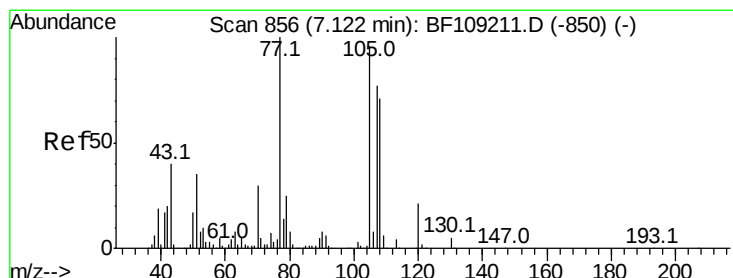
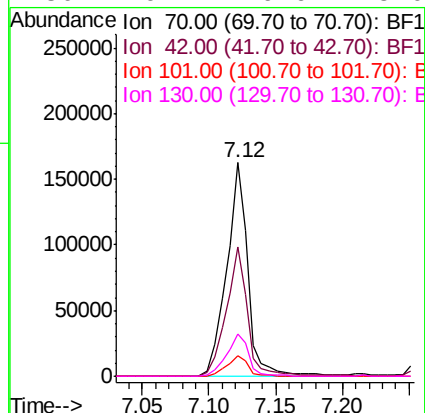
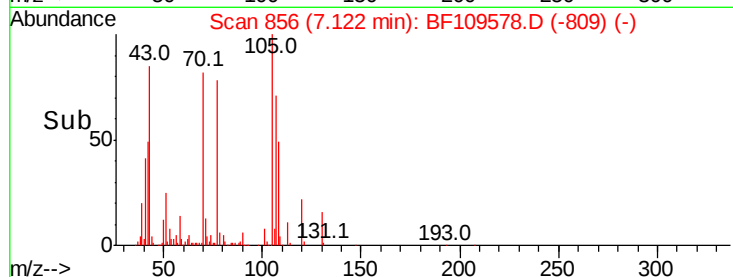
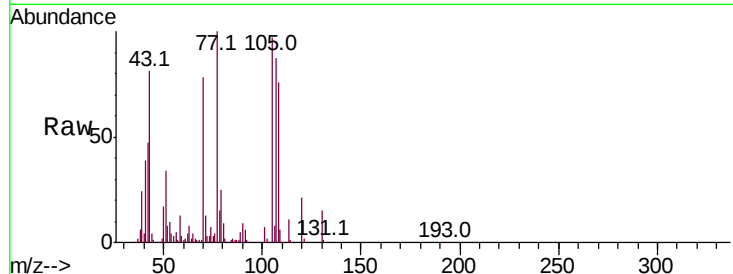
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.908 ng  
RT: 7.12 min Scan# 856  
Delta R.T. -0.02 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

Instrument :  
BNA\_F  
ClientSampled :  
PB113461BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 60.4  | 47.5  | 71.3  |
| 101     | 9.4   | 7.4   | 11.2  |
| 130     | 19.7  | 16.6  | 25.0  |

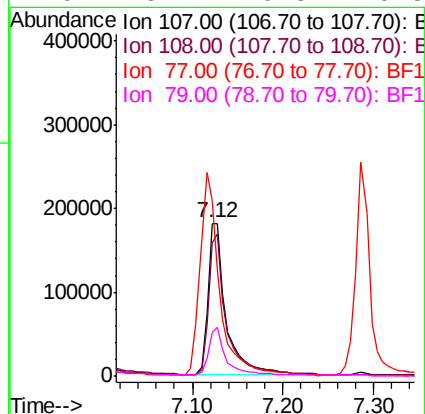
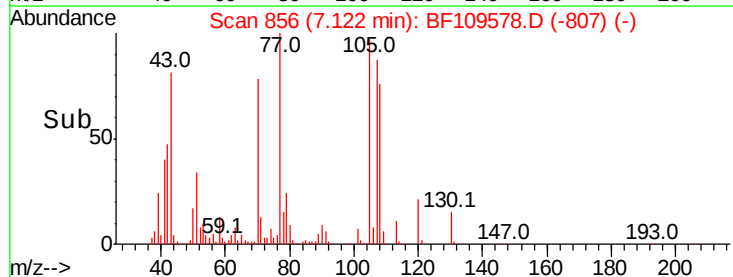
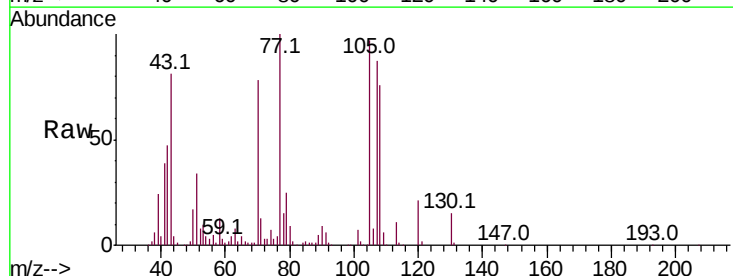
Manual Integrations  
APPROVED

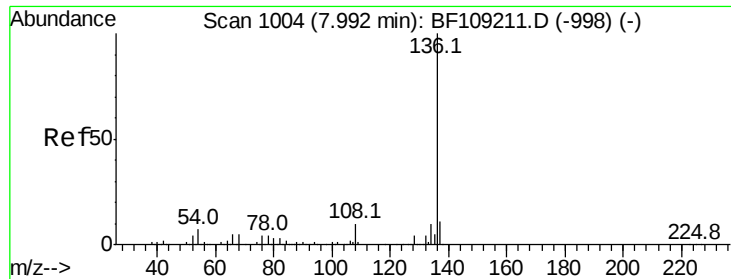
Sohil  
10/4/2018 11:44:35 AM



#20  
3+4-Methylphenols  
Concen: 44.767 ng  
RT: 7.12 min Scan# 856  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 87.1  | 68.2  | 108.2 |
| 77      | 114.5 | 26.7  | 66.7# |
| 79      | 28.2  | 6.3   | 46.3  |





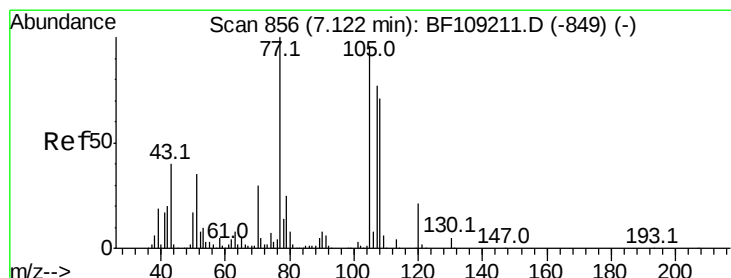
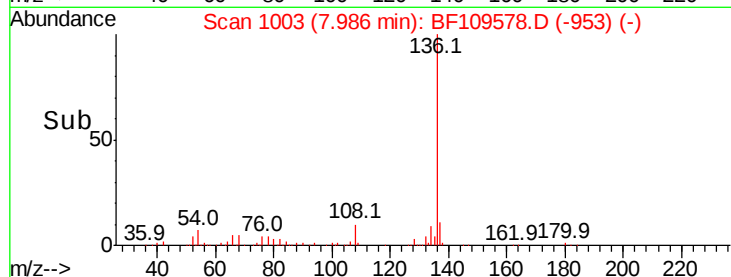
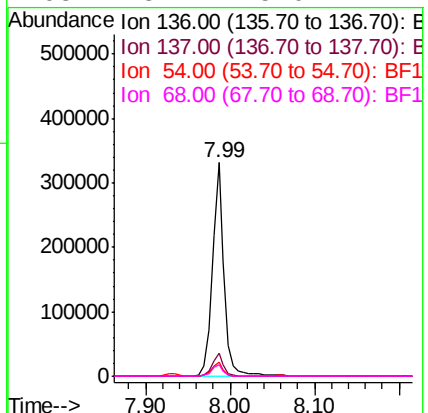
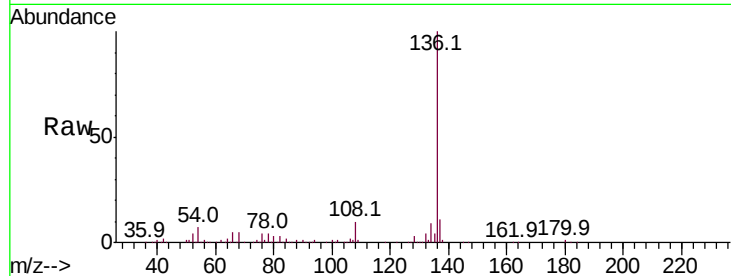
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.99 min Scan# 1003  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

Instrument :  
BNA\_F  
ClientSampled :  
PB113461BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.8  | 8.9  | 13.3  |       |
| 54      | 6.6   | 6.6  | 9.8   |       |
| 68      | 5.2   | 5.0  | 7.4   |       |

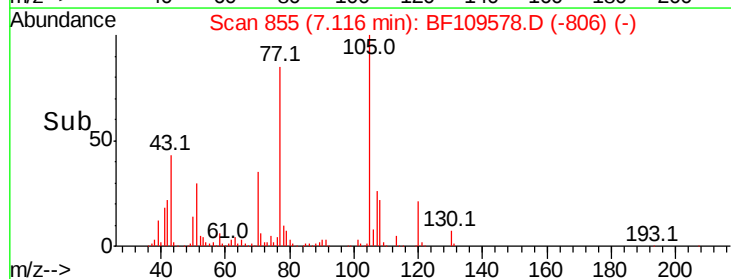
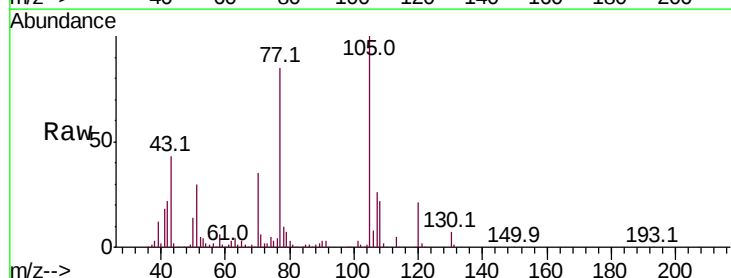
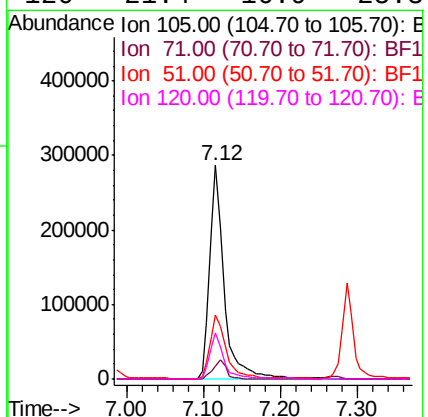
Manual Integrations  
APPROVED

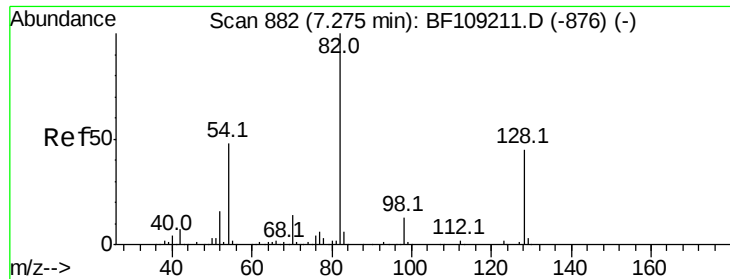
Sohil  
10/4/2018 11:44:35 AM



#22  
Acetophenone  
Concen: 49.323 ng  
RT: 7.12 min Scan# 855  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 5.9   | 4.4  | 6.6   |       |
| 51      | 29.7  | 22.3 | 33.5  |       |
| 120     | 21.4  | 16.9 | 25.3  |       |





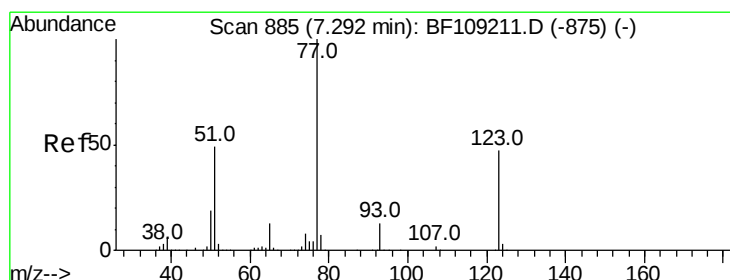
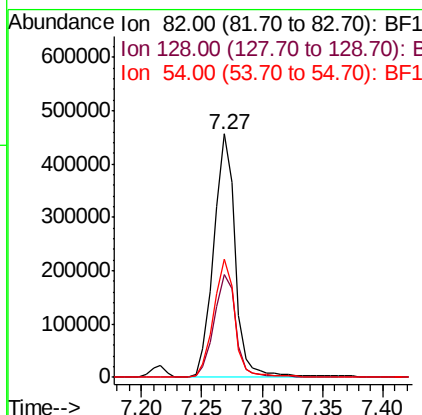
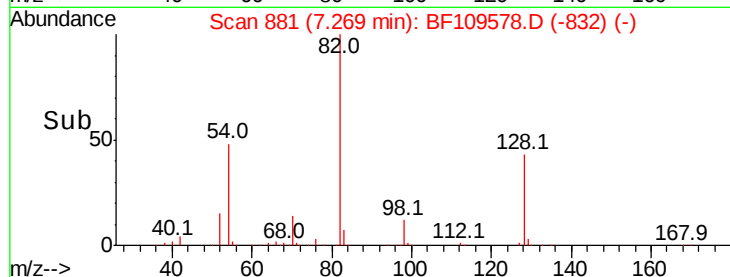
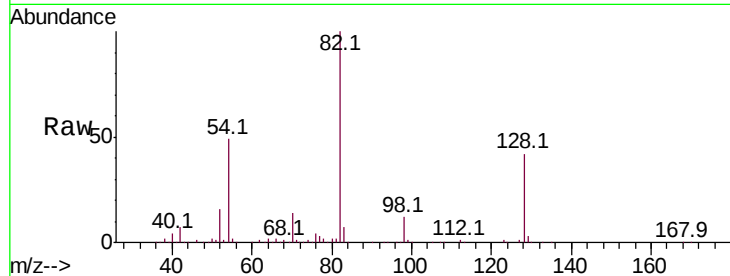
#23  
 Nitrobenzene-d5  
 Concen: 101.226 ng  
 RT: 7.27 min Scan# 881  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB113461BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 42.5  | 36.1 | 54.1  |       |
| 54      | 48.6  | 41.4 | 62.2  |       |

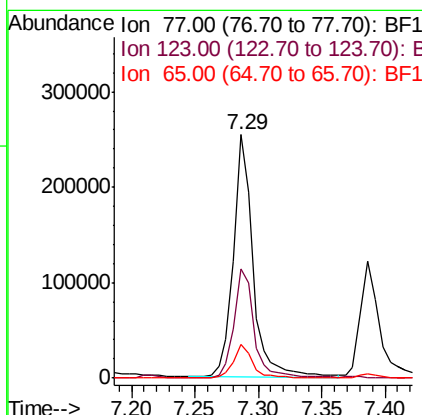
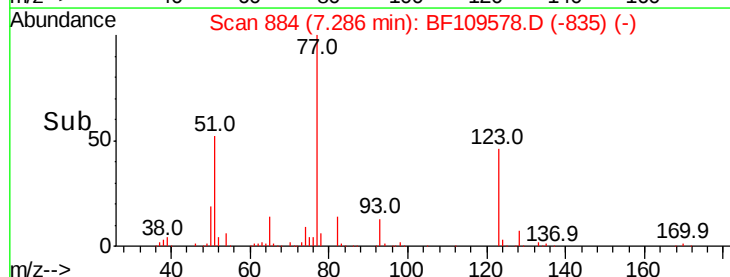
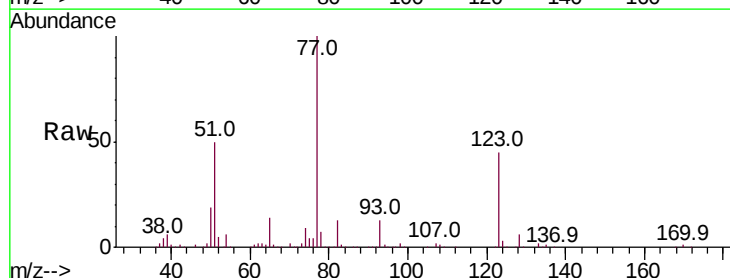
Manual Integrations  
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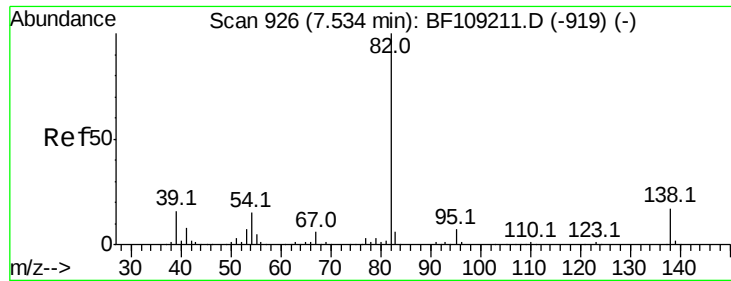
Sohil  
 10/4/2018 11:44:35 AM



#24  
 Nitrobenzene  
 Concen: 46.199 ng  
 RT: 7.29 min Scan# 884  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 44.8  | 37.9 | 56.9  |       |
| 65      | 13.8  | 11.0 | 16.4  |       |





#25

Isophorone

Concen: 50.245 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF109578.D

Acq: 4 Oct 2018 6:20

Instrument :

BNA\_F

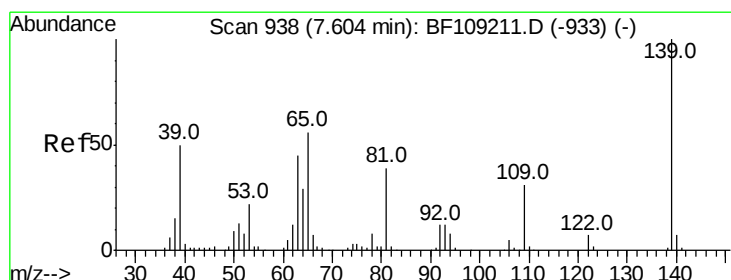
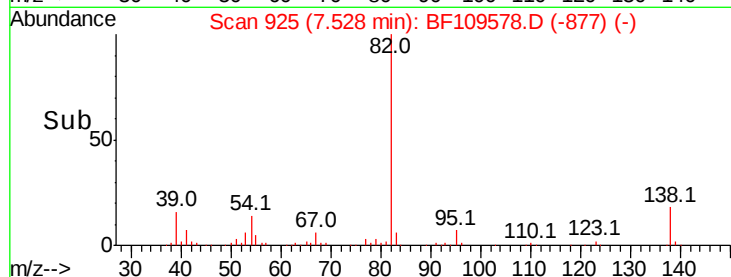
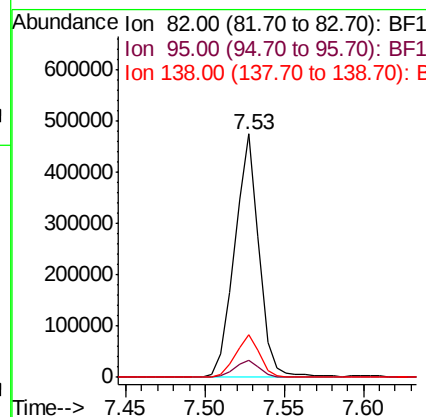
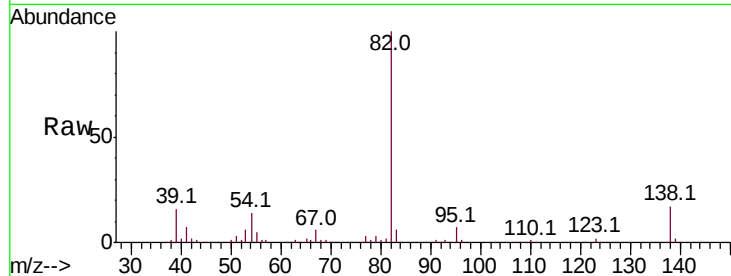
ClientSampleId :

PB113461BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 500561 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.2   | 5.2   | 7.8    |
| 138       | 17.4  | 14.9  | 22.3   |

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#26

2-Nitrophenol

Concen: 49.936 ng

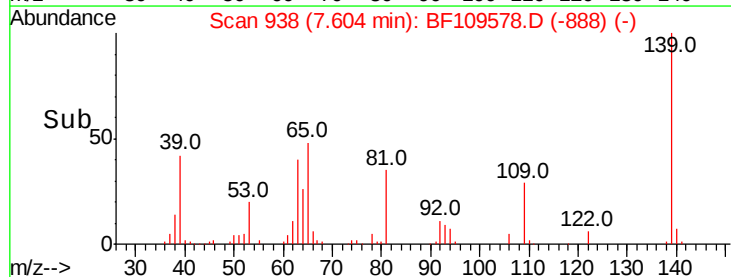
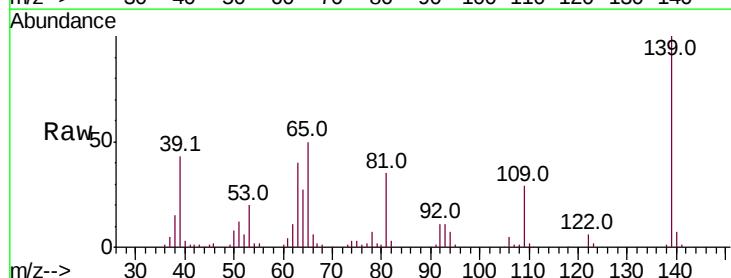
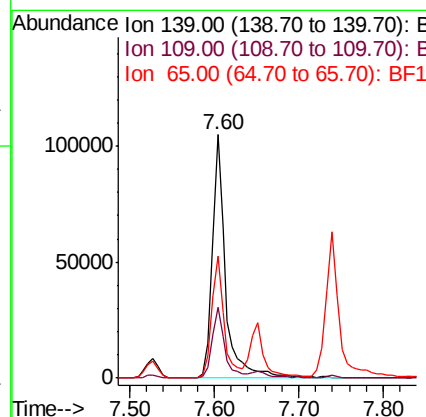
RT: 7.60 min Scan# 938

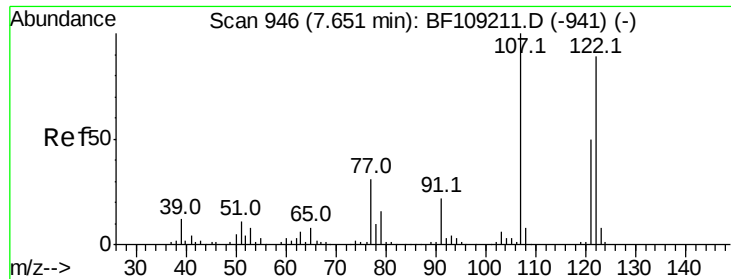
Delta R.T. -0.01 min

Lab File: BF109578.D

Acq: 4 Oct 2018 6:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 116167 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 29.1  | 22.7  | 34.1   |
| 65        | 50.1  | 40.5  | 60.7   |





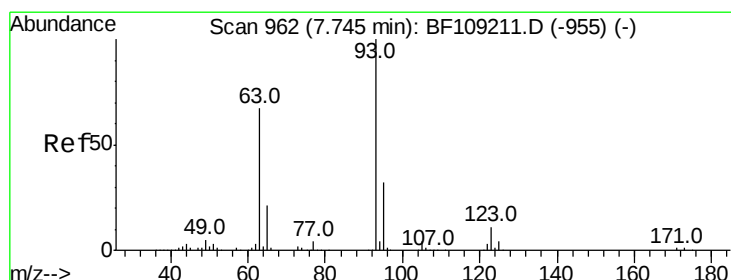
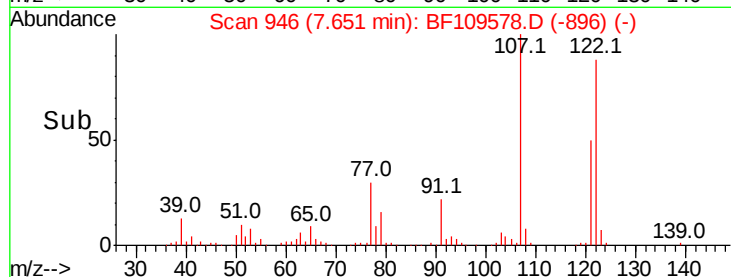
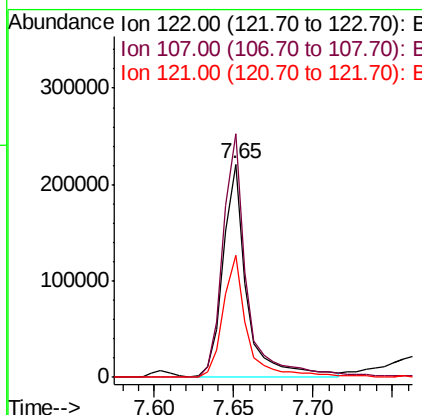
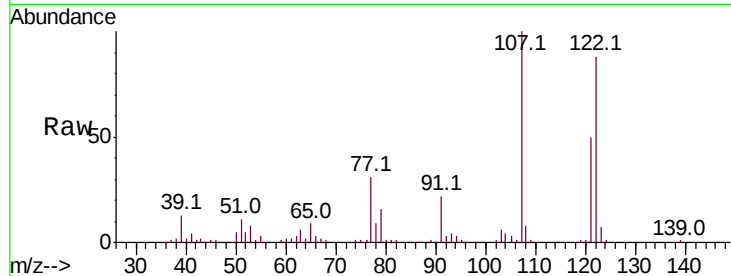
#27  
2,4-Dimethylphenol  
Concen: 52.628 ng  
RT: 7.65 min Scan# 946  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB113461BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 228454 |       |       |
| 107     | 114.1 | 91.2   | 136.8 |       |
| 121     | 57.0  | 47.2   | 70.8  |       |

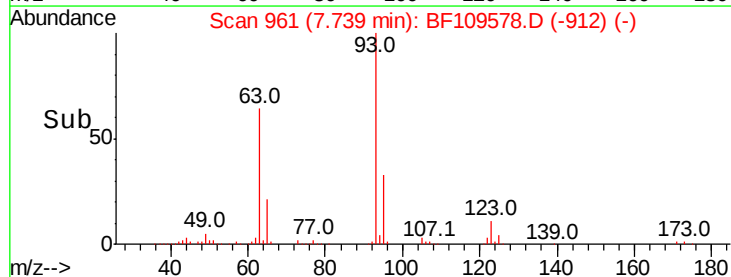
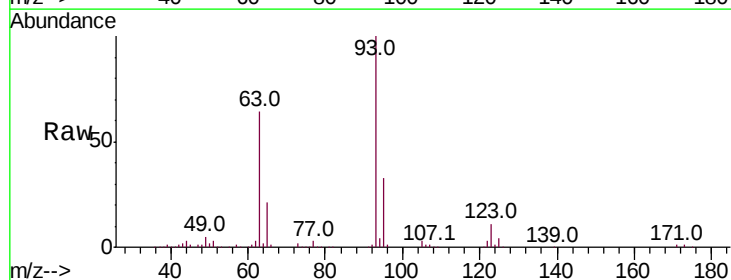
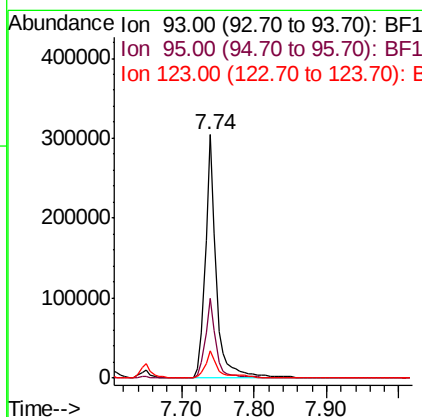
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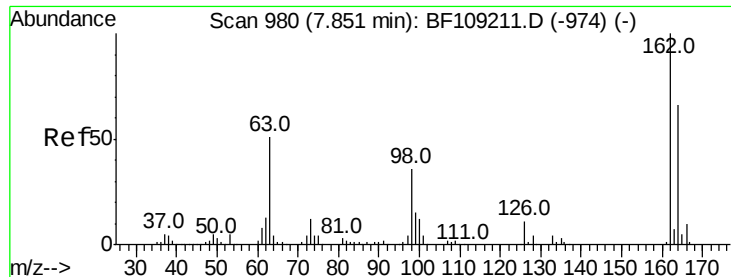
Sohil  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 48.468 ng  
RT: 7.74 min Scan# 961  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 319636 |       |       |
| 95      | 32.8  | 26.3   | 39.5  |       |
| 123     | 11.1  | 9.8    | 14.6  |       |





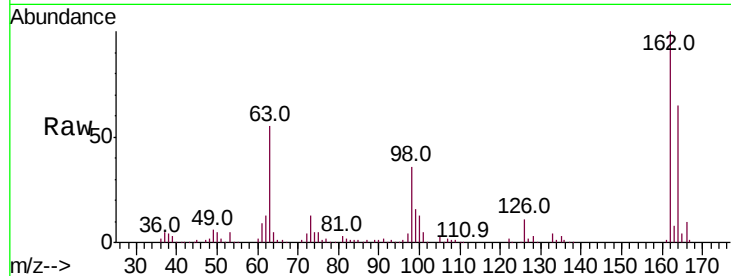
#29  
 2,4-Dichlorophenol  
 Concen: 48.235 ng  
 RT: 7.85 min Scan# 980  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB113461BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 64.8  | 42.7       | 82.7  |
| 98      | 36.5  | 18.1       | 58.1  |

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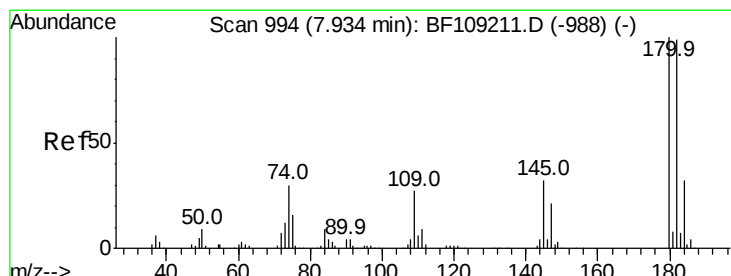
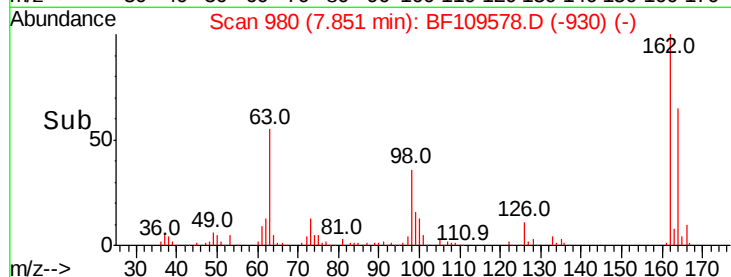
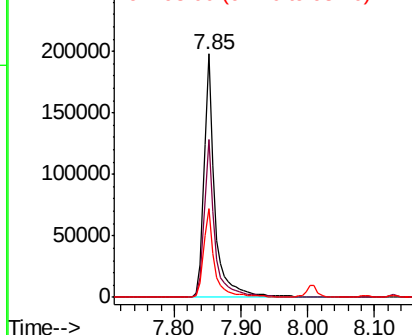


Abundance

Ion 162.00 (161.70 to 162.70): E

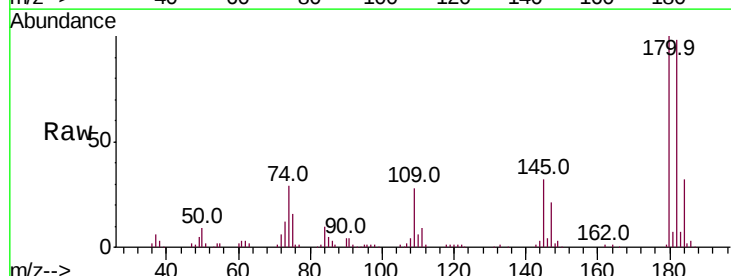
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
 1,2,4-Trichlorobenzene  
 Concen: 44.976 ng  
 RT: 7.93 min Scan# 993  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 98.0  | 76.8       | 115.2 |
| 145     | 31.9  | 26.5       | 39.7  |

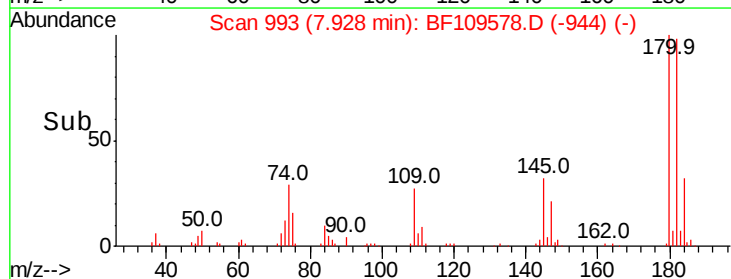
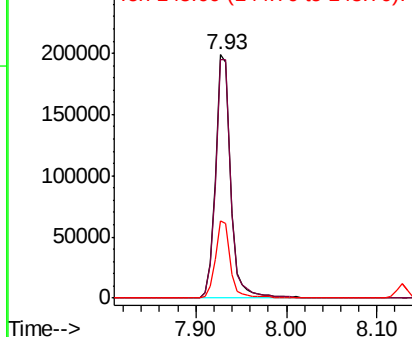


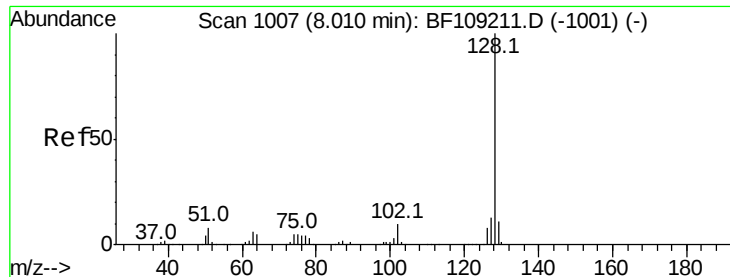
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





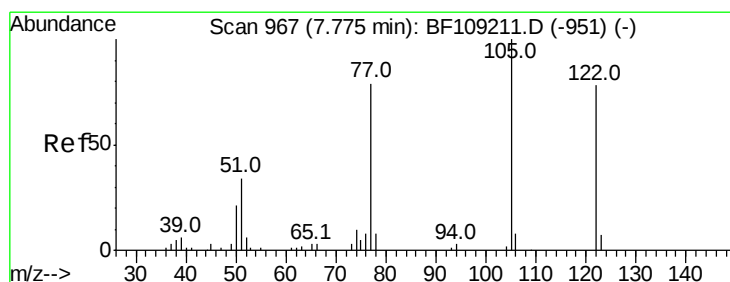
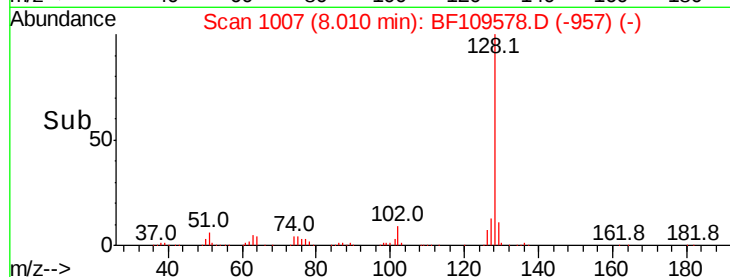
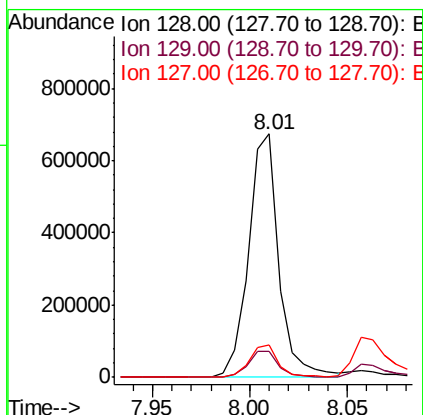
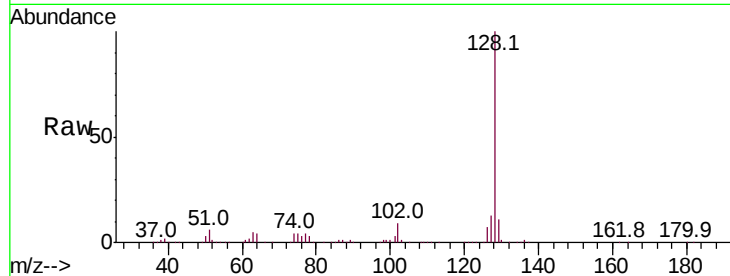
#31  
Naphthalene  
Concen: 47.547 ng  
RT: 8.01 min Scan# 1007  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB113461BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 128     | 100   |      |       |       |
| 129     | 10.8  | 8.8  | 13.2  |       |
| 127     | 13.3  | 10.9 | 16.3  |       |

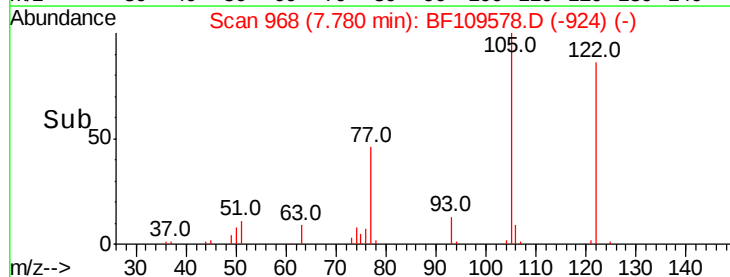
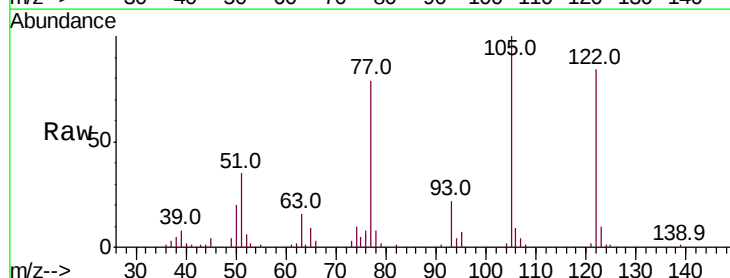
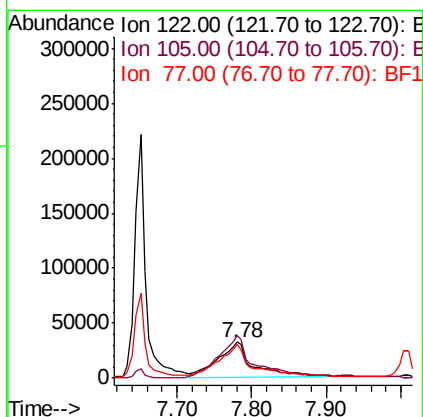
Manual Integrations  
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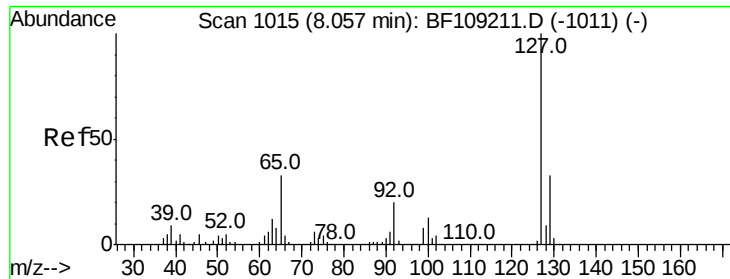
Sohil  
10/4/2018 11:44:35 AM



#32  
Benzoic acid  
Concen: 37.181 ng  
RT: 7.78 min Scan# 968  
Delta R.T. -0.04 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |
| 105     | 118.5 | 101.1 | 141.1 |       |
| 77      | 93.1  | 70.7  | 110.7 |       |





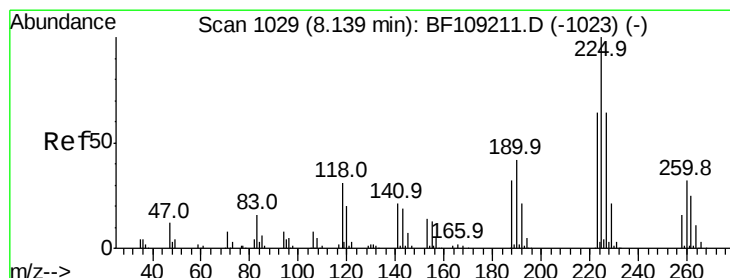
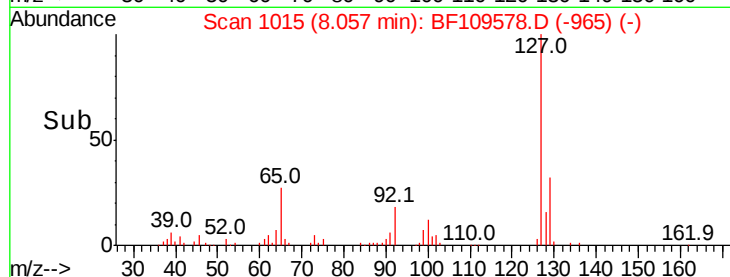
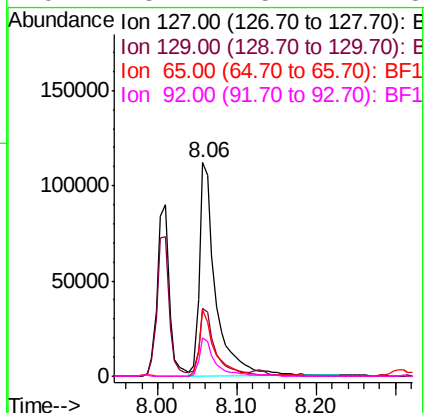
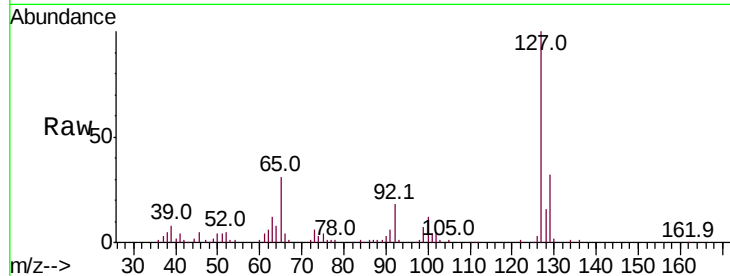
#33  
 4-Chloroaniline  
 Concen: 24.427 ng  
 RT: 8.06 min Scan# 1015  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB113461BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 127     | 100   |            |       |
| 129     | 32.0  | 25.9       | 38.9  |
| 65      | 30.9  | 25.0       | 37.4  |
| 92      | 18.1  | 15.2       | 22.8  |

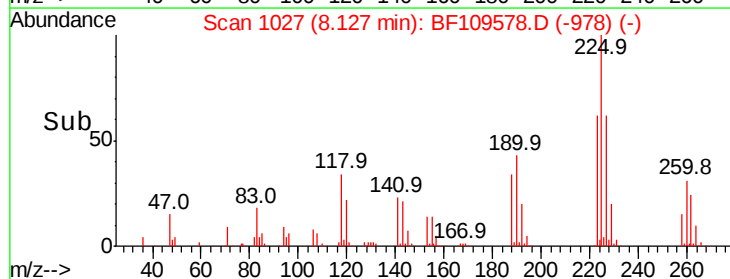
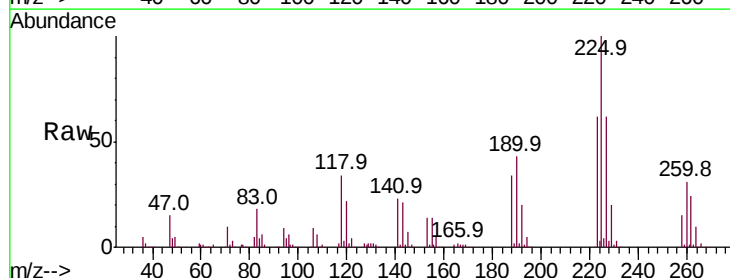
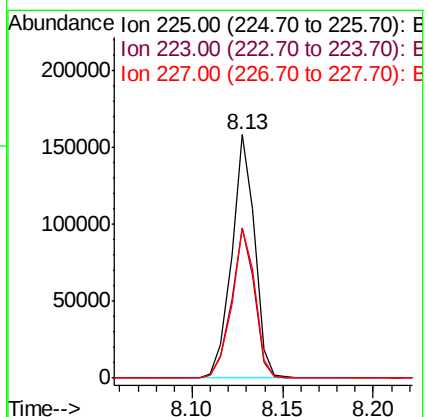
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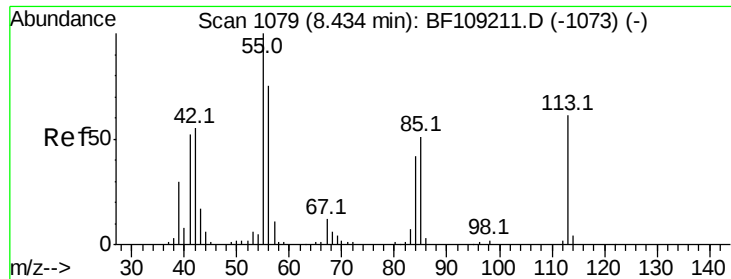
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#34  
 Hexachlorobutadiene  
 Concen: 45.411 ng  
 RT: 8.13 min Scan# 1027  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 225     | 100   |            |       |
| 223     | 61.9  | 50.6       | 76.0  |
| 227     | 61.5  | 51.9       | 77.9  |





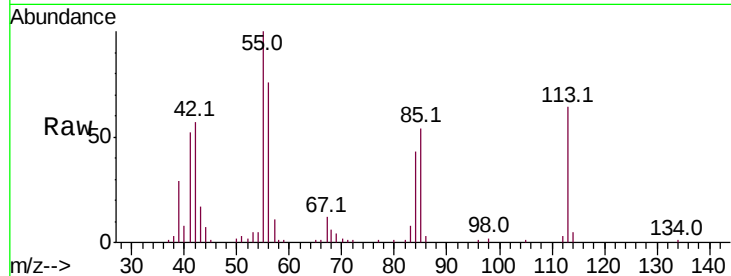
#35  
 Caprolactam  
 Concen: 45.622 ng/ml  
 RT: 8.43 min Scan# 1079  
 Delta R.T. -0.03 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB113461BSD

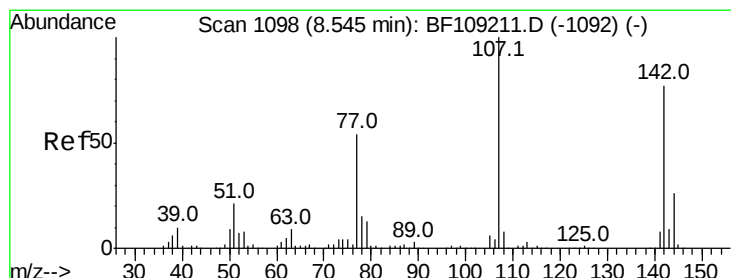
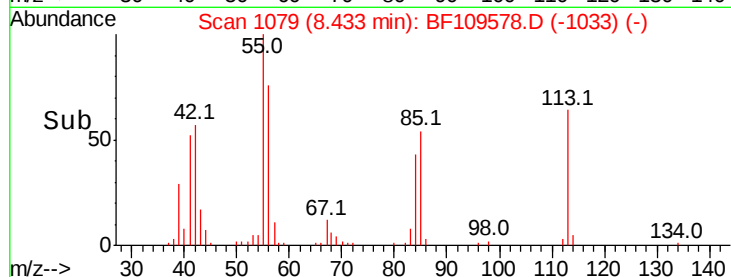
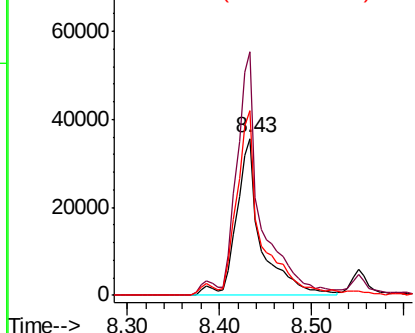
| Tot Ion | Ion   | Ratio | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 113     | 100   |       |        |       |
| 55      | 155.4 | 163.3 | 203.3# |       |
| 56      | 118.3 | 115.7 | 155.7  |       |

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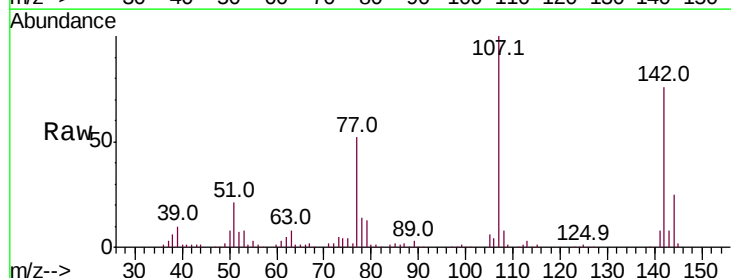


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

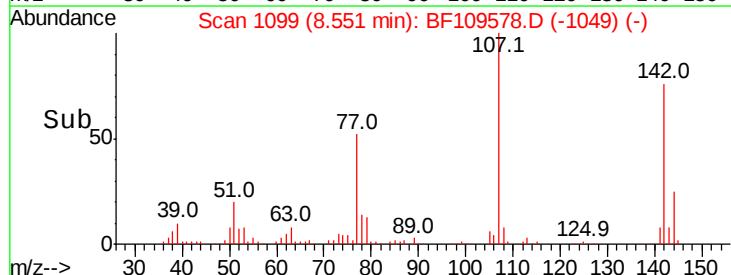
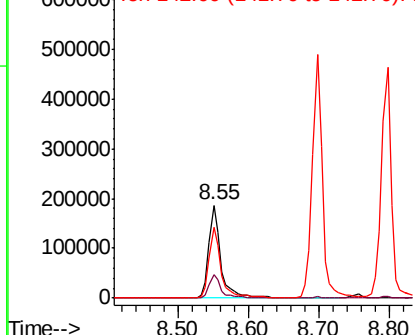


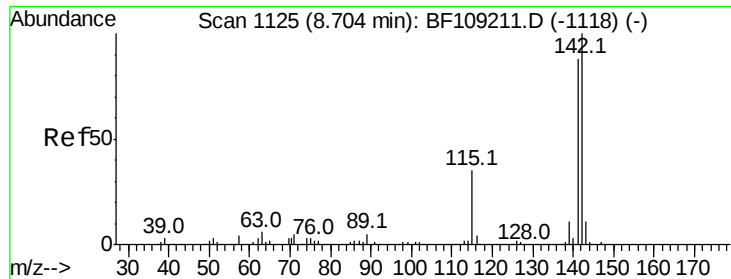
#36  
 4-Chloro-3-methylphenol  
 Concen: 46.688 ng/ml  
 RT: 8.55 min Scan# 1099  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 144     | 25.4 | 20.5  | 30.7  |       |
| 142     | 76.1 | 62.0  | 93.0  |       |



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





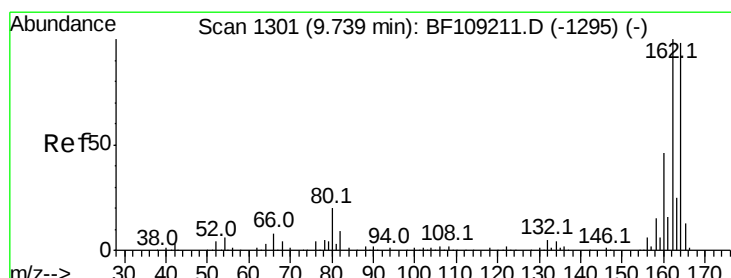
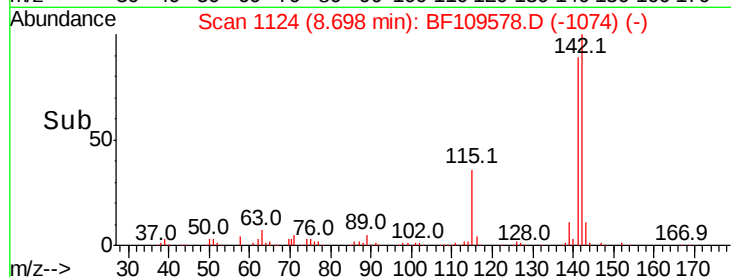
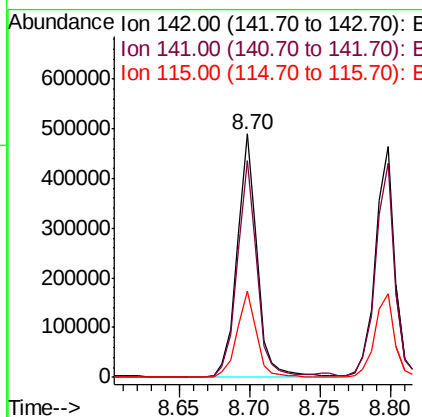
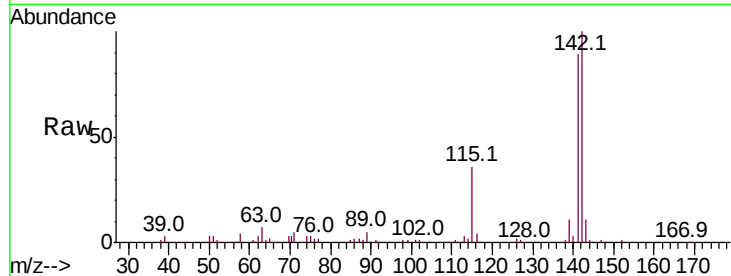
#37  
2-Methylnaphthalene  
Concen: 49.179 ng  
RT: 8.70 min Scan# 1124  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB113461BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 483835 |       |       |
| 141     | 89.0  |        | 70.8  | 106.2 |
| 115     | 35.6  |        | 26.1  | 39.1  |

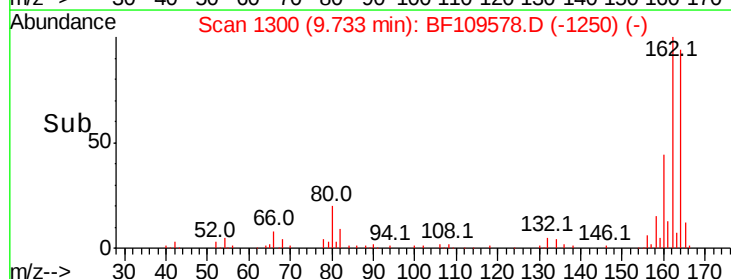
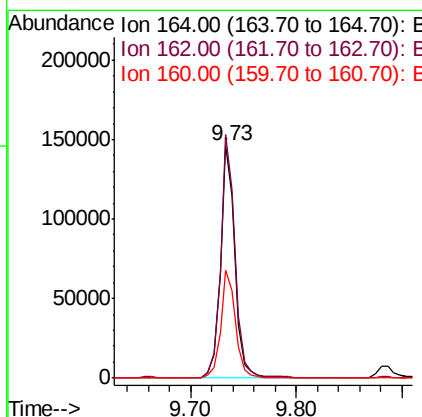
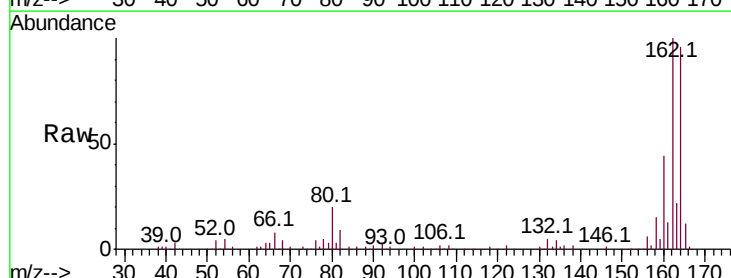
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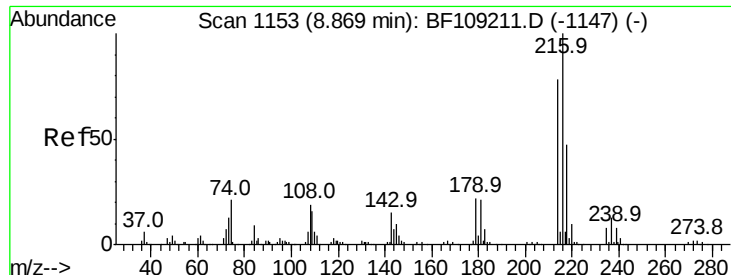
Sohil  
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.73 min Scan# 1300  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 141189 |       |       |
| 162     | 104.6 |        | 86.1  | 129.1 |
| 160     | 46.1  |        | 38.3  | 57.5  |





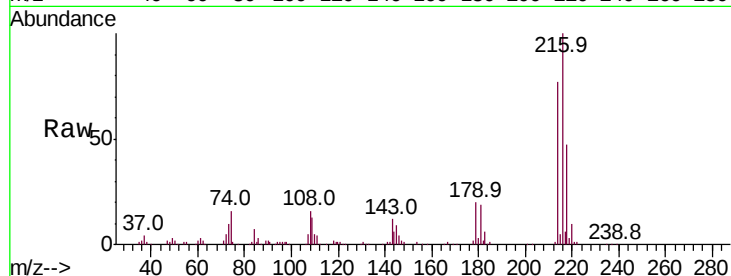
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 50.584 ng  
 RT: 8.87 min Scan# 1153  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB113461BSD

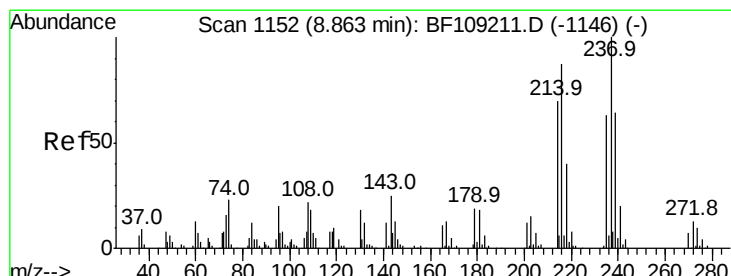
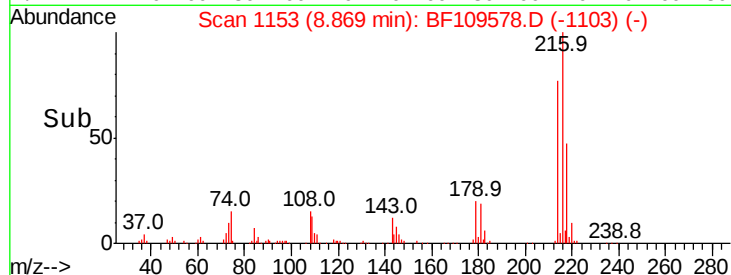
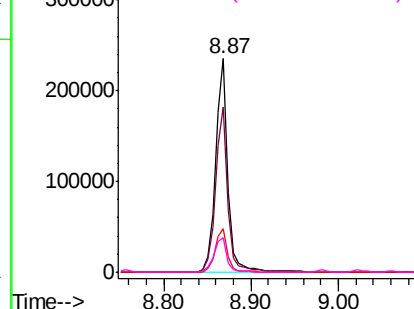
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 227291 |       |       |
| 214     | 77.9  | 63.0   | 94.4  |       |
| 179     | 20.5  | 18.1   | 27.1  |       |
| 108     | 18.0  | 17.2   | 25.8  |       |

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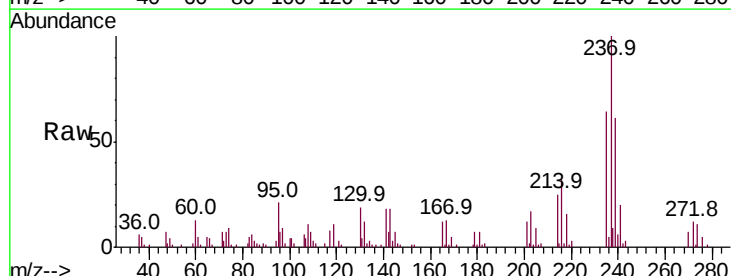


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

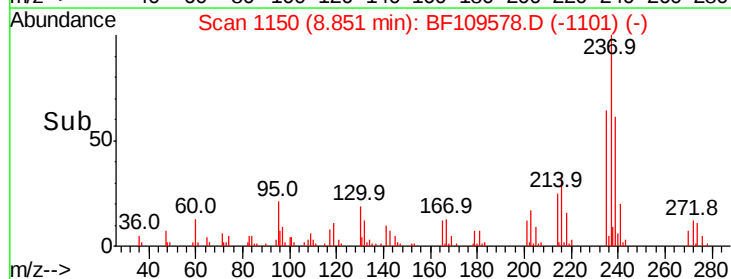
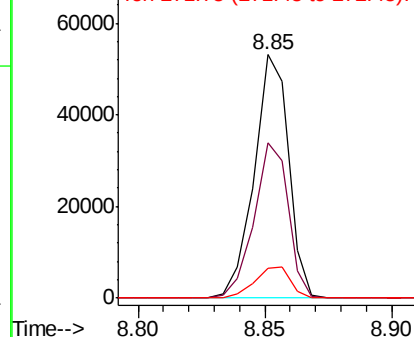


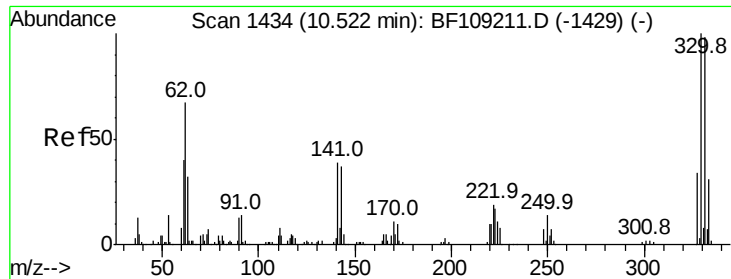
#40  
 Hexachlorocyclopentadiene  
 Concen: 25.754 ng  
 RT: 8.85 min Scan# 1150  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 50474 |       |       |
| 235     | 63.7  | 44.8  | 84.8  |       |
| 272     | 12.2  | 0.0   | 33.3  |       |



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





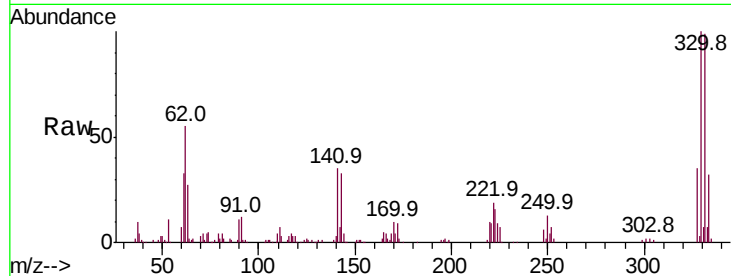
#41  
 2,4,6-Tribromophenol  
 Concen: 97.687 ng  
 RT: 10.52 min Scan# 1434  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB113461BSD

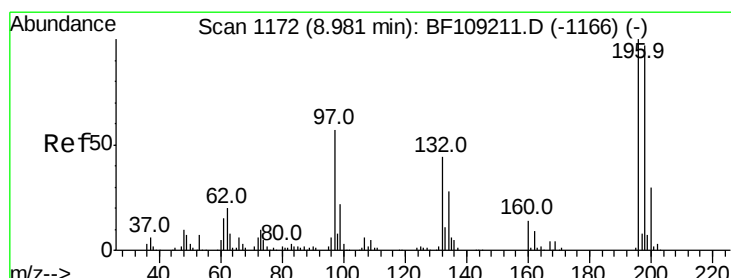
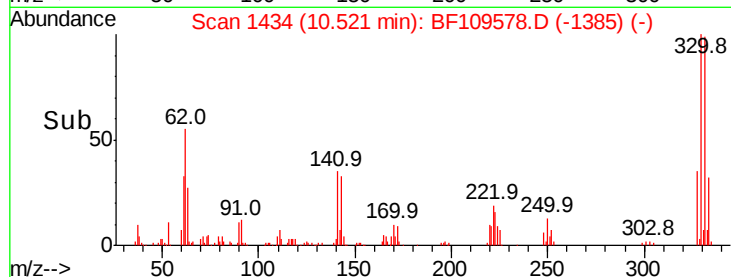
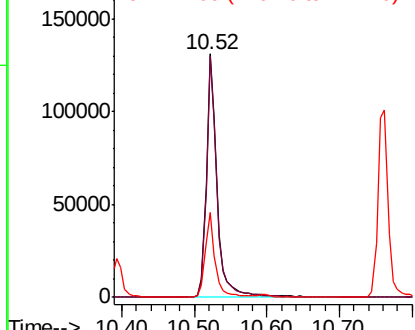
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 97.4  | 77.0 | 115.6 |       |
| 141     | 32.4  | 29.9 | 44.9  |       |

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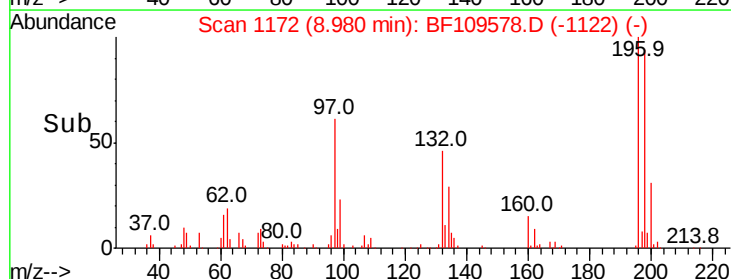
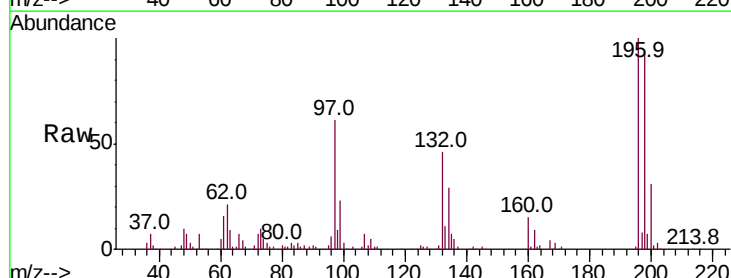
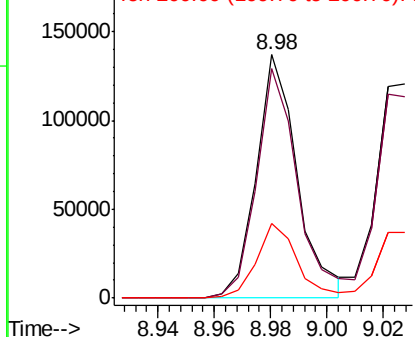
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 47.761 ng  
 RT: 8.98 min Scan# 1172  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 94.1  | 75.7 | 113.5 |       |
| 200     | 30.7  | 24.5 | 36.7  |       |

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





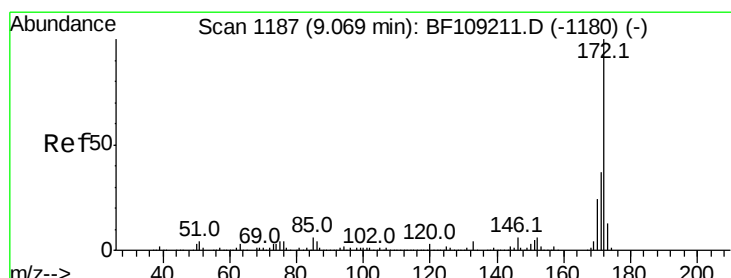
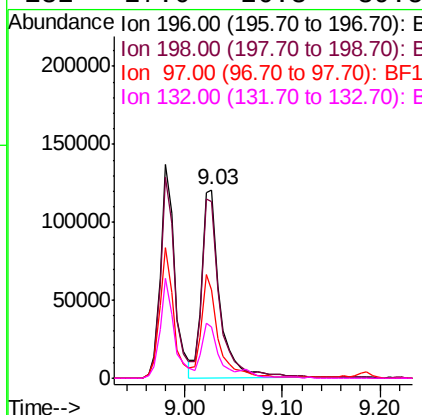
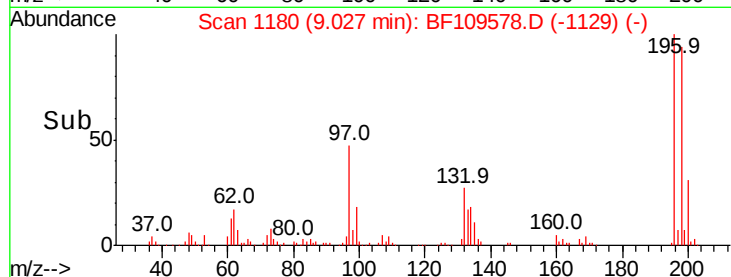
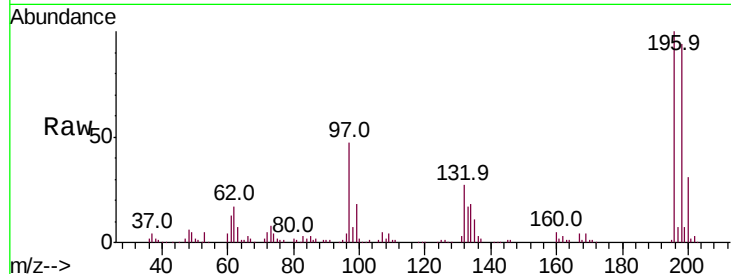
#43  
 2,4,5-Trichlorophenol  
 Concen: 51.432 ng  
 RT: 9.03 min Scan# 1180  
 Delta R.T. -0.00 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB113461BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 156650 |       |       |
| 198     | 93.7  | 74.6   | 112.0 |       |
| 97      | 46.8  | 42.9   | 64.3  |       |
| 132     | 27.0  | 26.3   | 39.5  |       |

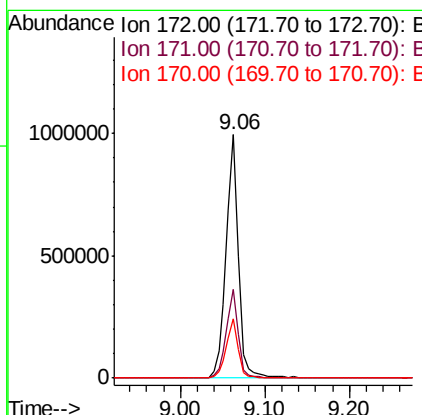
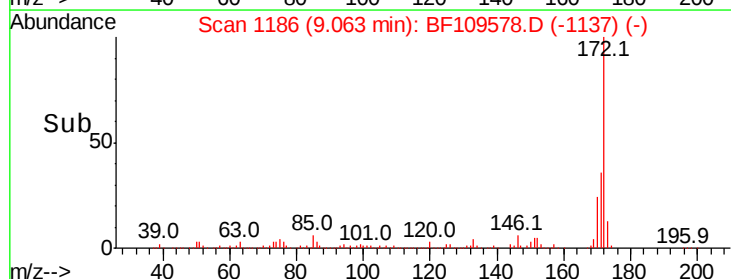
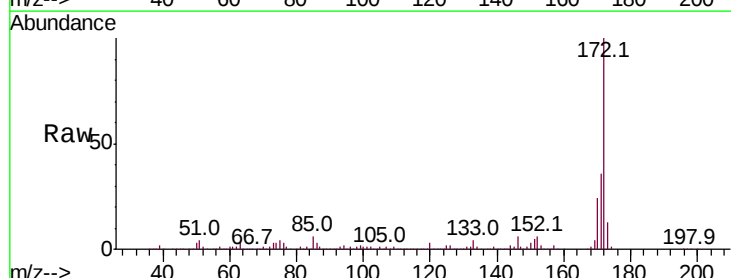
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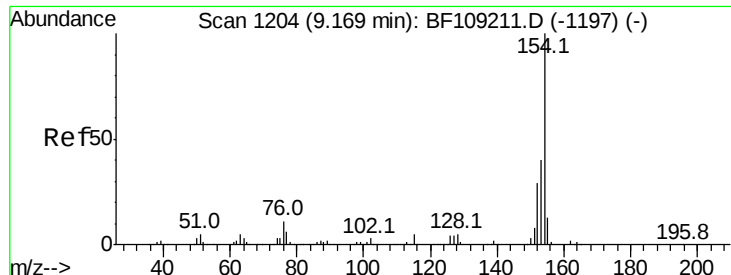
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#44  
 2-Fluorobiphenyl  
 Concen: 107.833 ng  
 RT: 9.06 min Scan# 1186  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1009479 |       |       |
| 171     | 36.4  | 29.7    | 44.5  |       |
| 170     | 24.5  | 19.6    | 29.4  |       |





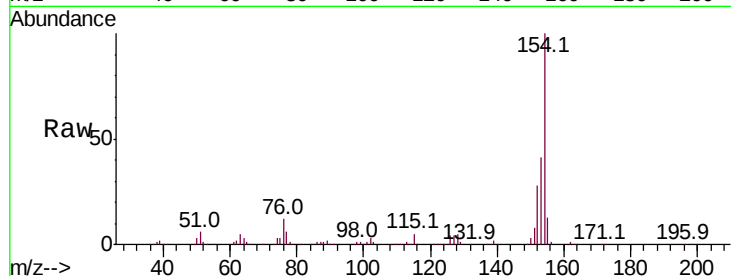
#45  
 1,1'-Biphenyl  
 Concen: 50.398 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB113461BSD

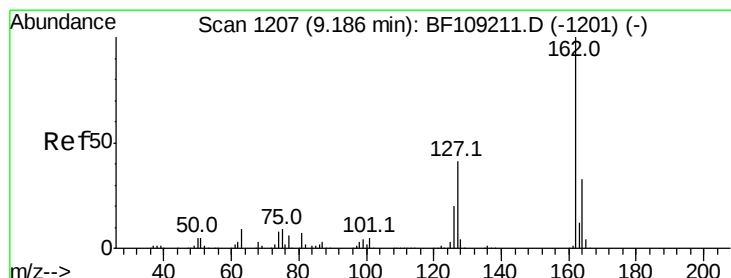
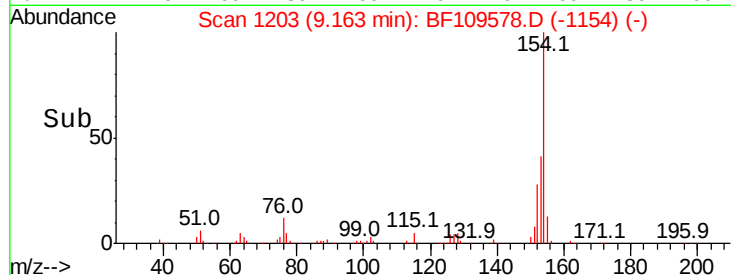
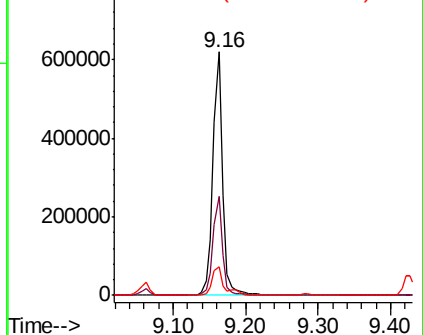
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 40.6  | 21.3 | 61.3  |       |
| 76      | 11.7  | 0.0  | 34.0  |       |

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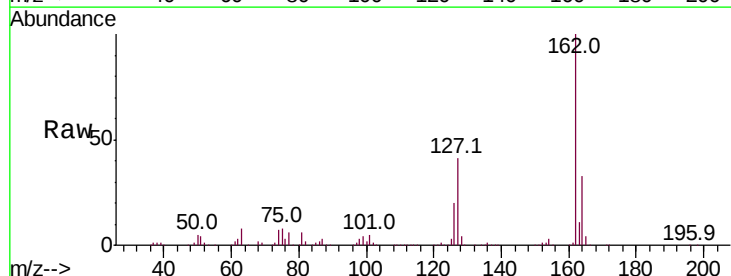


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF1

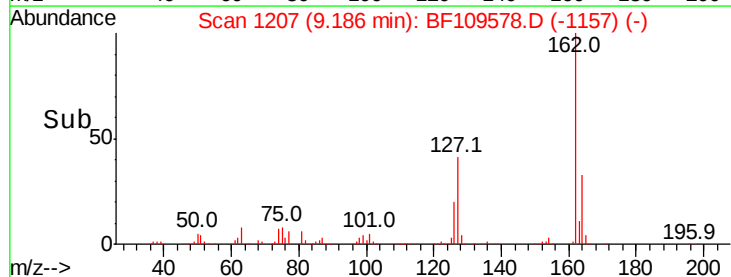
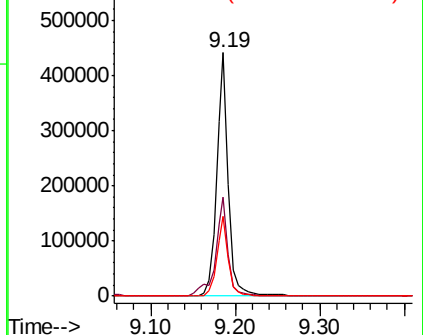


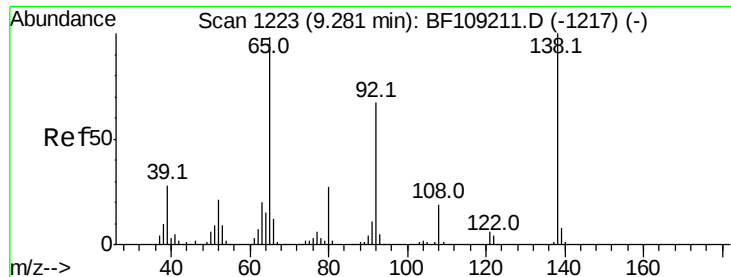
#46  
 2-Chloronaphthalene  
 Concen: 46.990 ng  
 RT: 9.19 min Scan# 1207  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 40.9  | 33.9 | 50.9  |       |
| 164     | 33.0  | 26.5 | 39.7  |       |



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





#47

2-Nitroaniline

Concen: 53.390 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF109578.D

Acq: 4 Oct 2018 6:20

Instrument :

BNA\_F

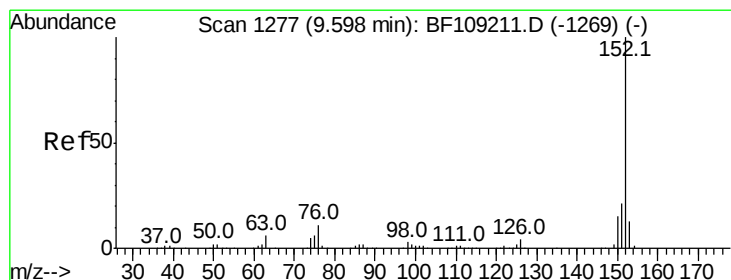
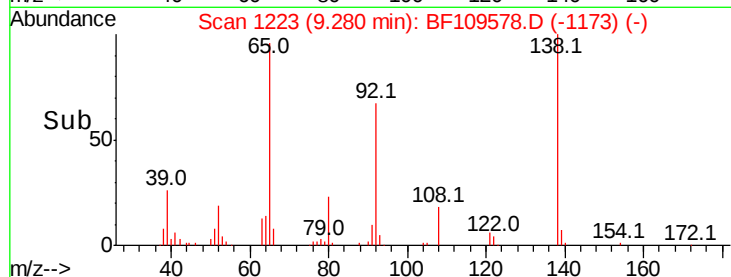
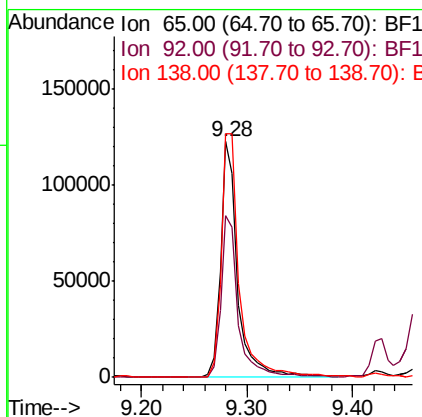
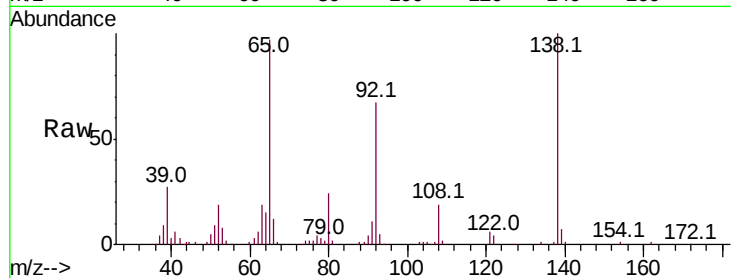
ClientSampleId :

PB113461BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.8  | 55.8  | 83.6  |
| 138     | 103.3 | 91.2  | 136.8 |

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#48

Acenaphthylene

Concen: 49.445 ng

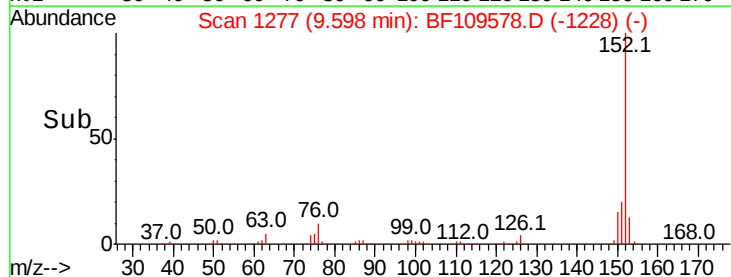
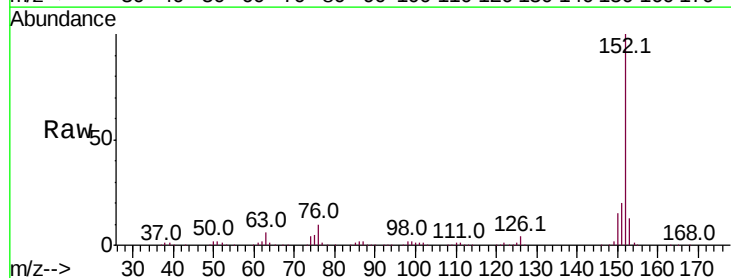
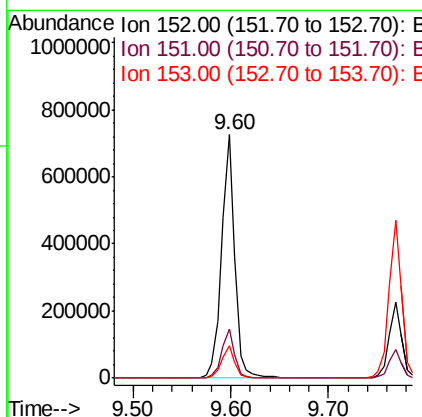
RT: 9.60 min Scan# 1277

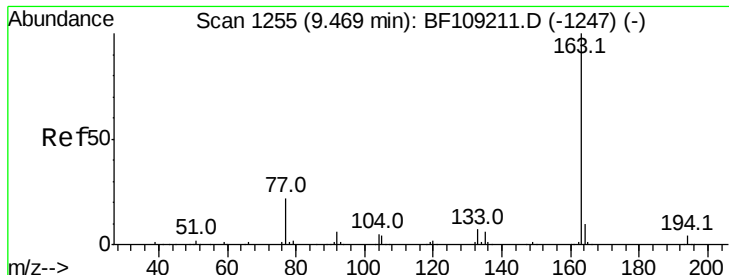
Delta R.T. -0.01 min

Lab File: BF109578.D

Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.0  | 16.3  | 24.5  |
| 153     | 13.1  | 10.7  | 16.1  |





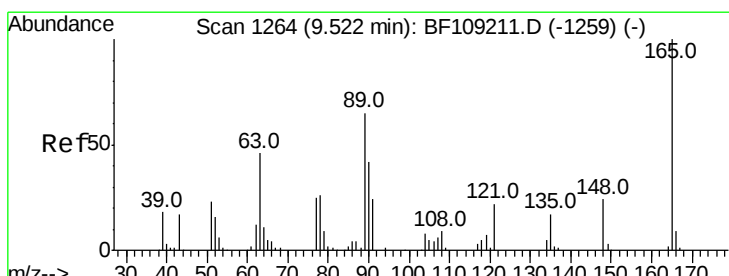
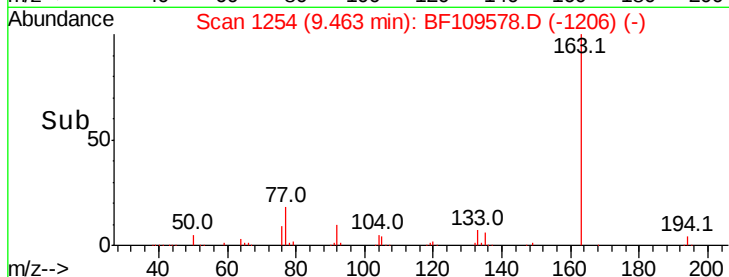
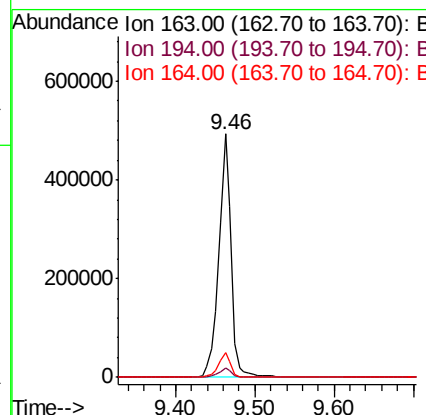
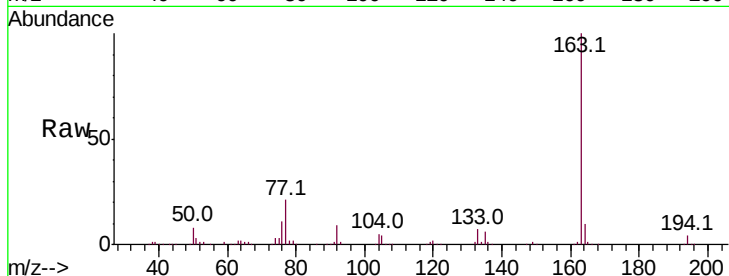
#49  
Dimethylphthalate  
Concen: 51.979 ng  
RT: 9.46 min Scan# 1254  
Delta R.T. -0.02 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB113461BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 163     | 100   |      |       |       |
| 194     | 3.9   | 2.7  | 4.1   |       |
| 164     | 10.1  | 8.2  | 12.2  |       |

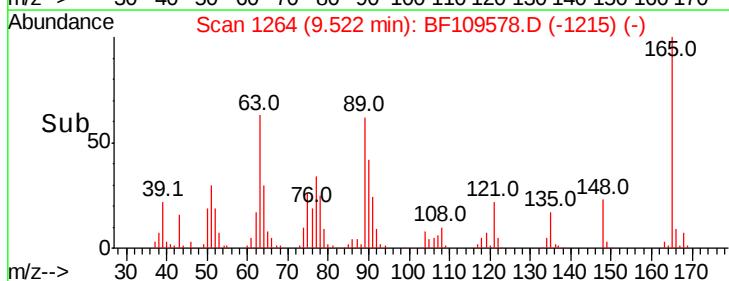
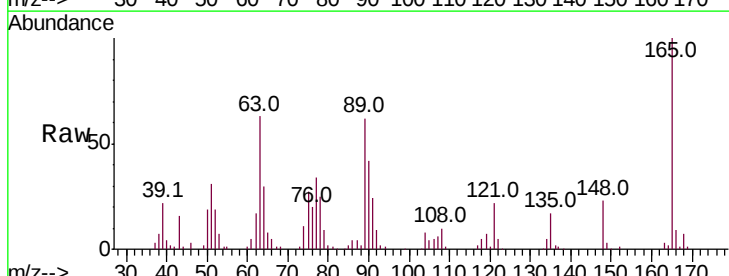
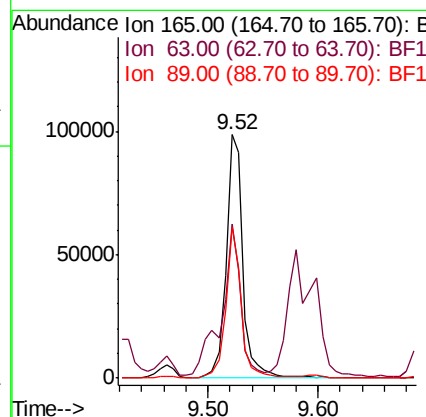
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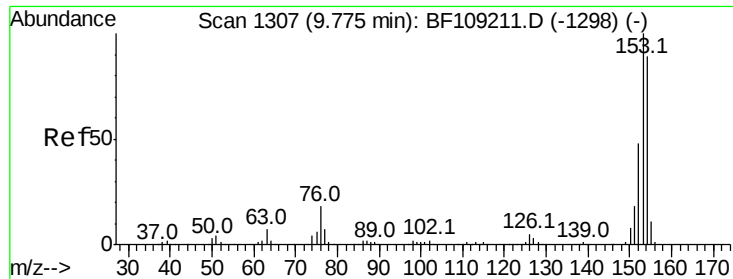
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#50  
2,6-Dinitrotoluene  
Concen: 51.270 ng  
RT: 9.52 min Scan# 1264  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 63.4  | 44.7 | 67.1  |       |
| 89      | 62.1  | 44.0 | 66.0  |       |





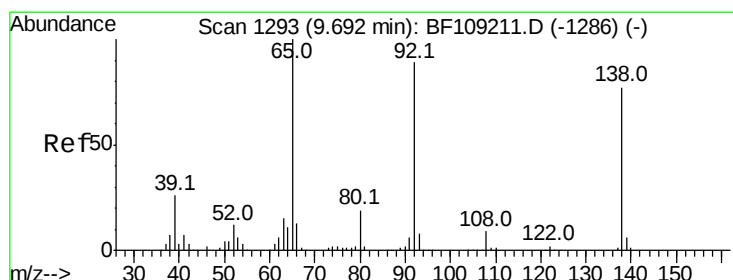
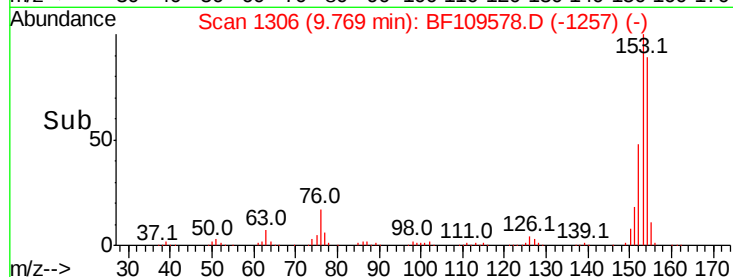
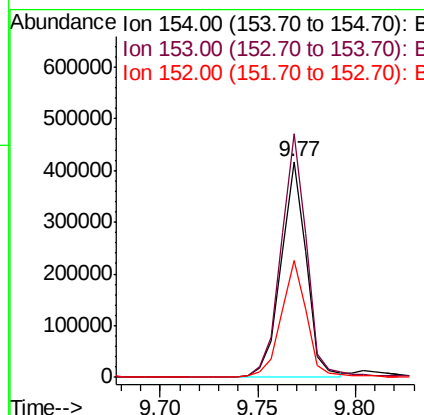
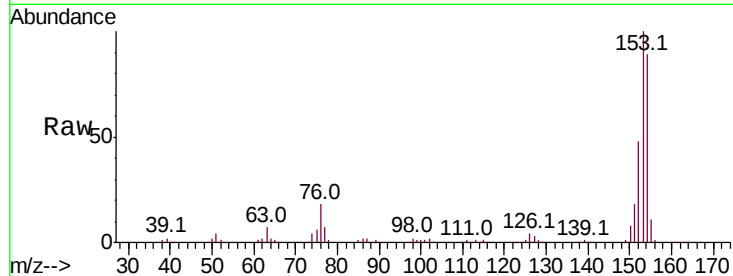
#51  
Acenaphthene  
Concen: 44.684 ng  
RT: 9.77 min Scan# 1306  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB113461BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.7 | 91.2  | 136.8 |
| 152     | 54.0  | 43.8  | 65.8  |

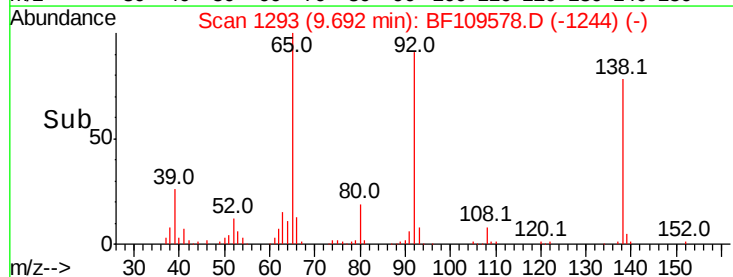
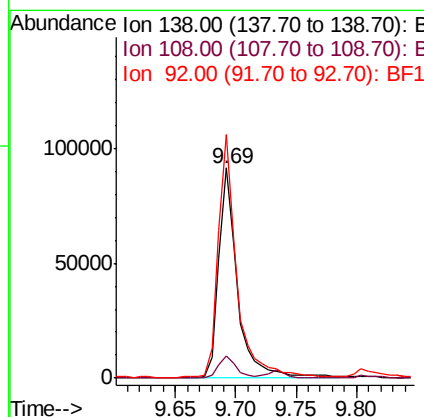
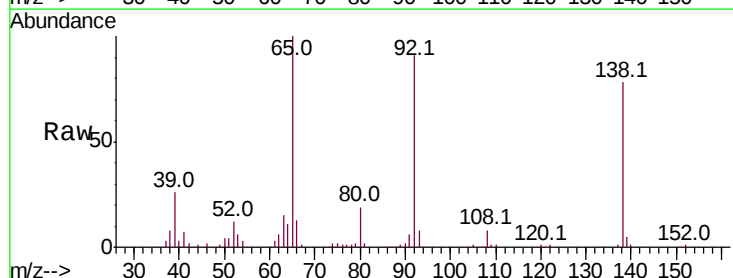
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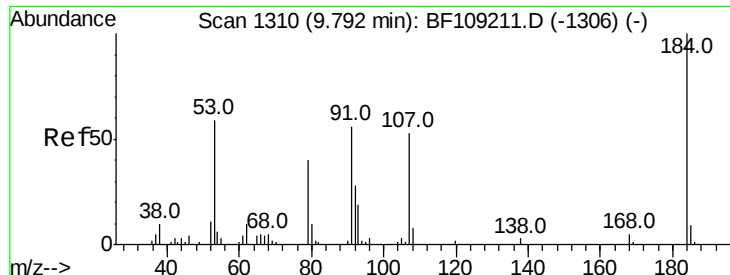
Sohil  
10/4/2018 11:44:35 AM



#52  
3-Nitroaniline  
Concen: 41.443 ng  
RT: 9.69 min Scan# 1293  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.5  | 9.4   | 14.0  |
| 92      | 116.1 | 89.4  | 134.2 |





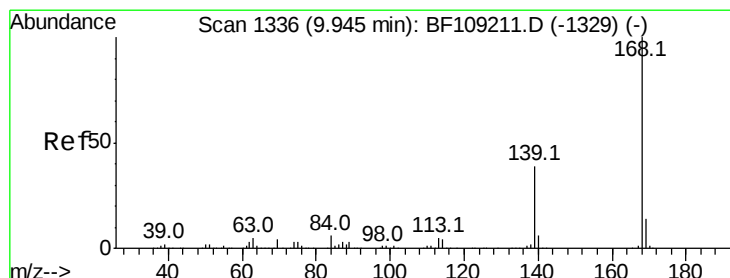
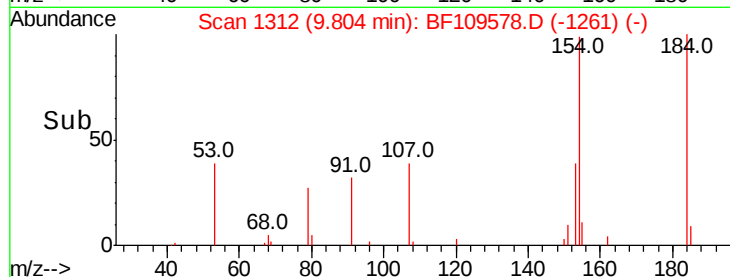
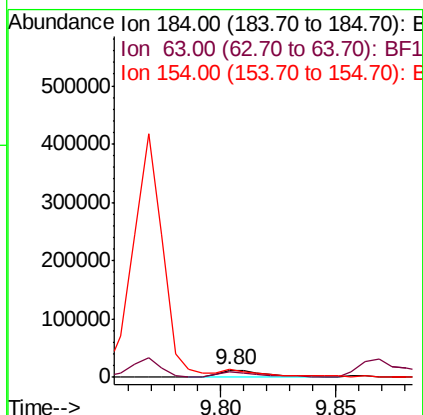
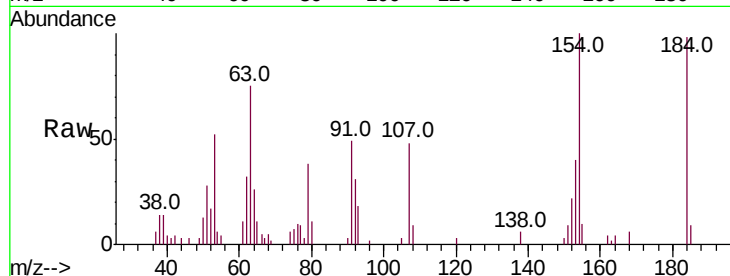
#53  
 2,4-Dinitrophenol  
 Concen: 30.848 ng  
 RT: 9.80 min Scan# 1312  
 Delta R.T. 0.00 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB113461BSD

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   |       |       |       |
| 63      | 76.3  | 54.2  | 81.2  |       |
| 154     | 102.1 | 184.0 | 276.0 |       |

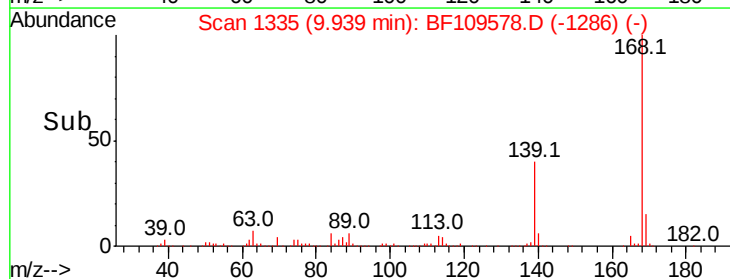
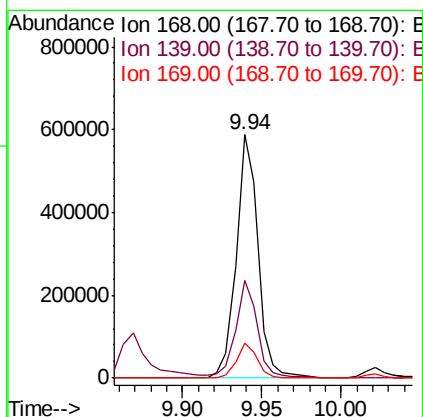
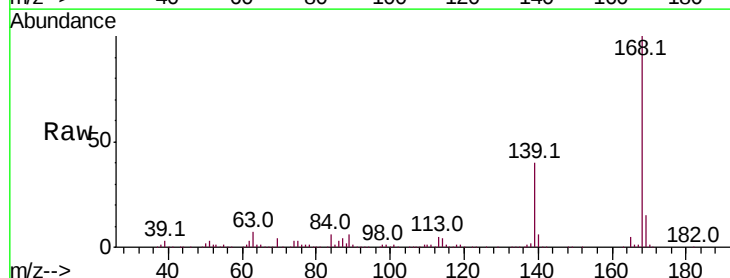
Manual Integrations  
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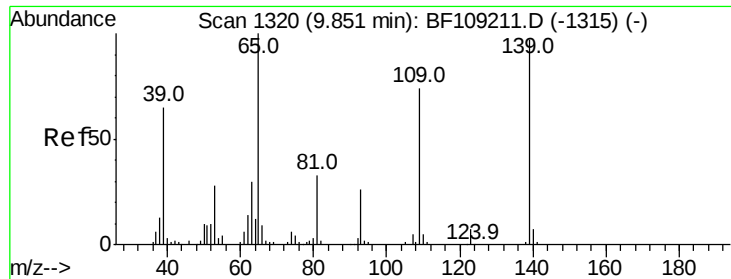
Sohil  
 10/4/2018 11:44:35 AM



#54  
 Dibenzofuran  
 Concen: 45.056 ng  
 RT: 9.94 min Scan# 1335  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 40.2  | 30.1 | 45.1  |       |
| 169     | 14.5  | 10.9 | 16.3  |       |





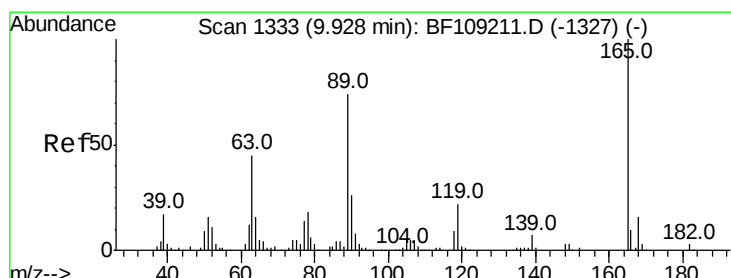
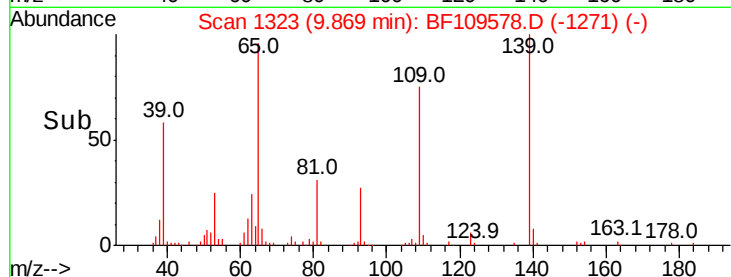
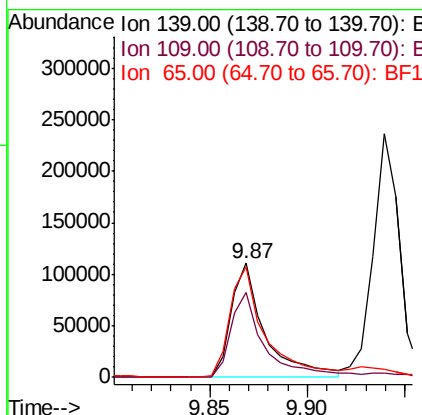
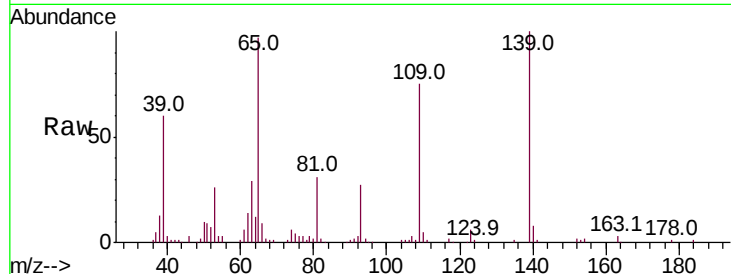
#55  
4-Nitrophenol  
Concen: 74.695 ng  
RT: 9.87 min Scan# 1323  
Delta R.T. 0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB113461BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 74.6  | 48.4 | 88.4  |       |
| 65      | 96.7  | 72.6 | 112.6 |       |

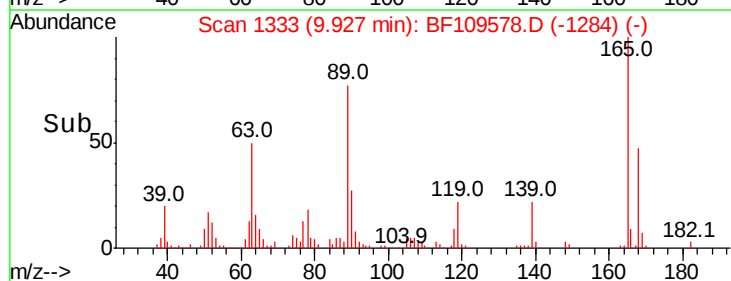
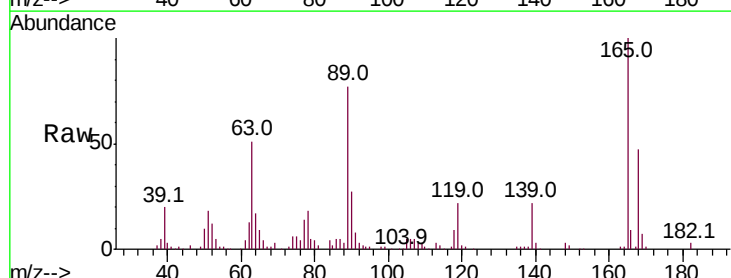
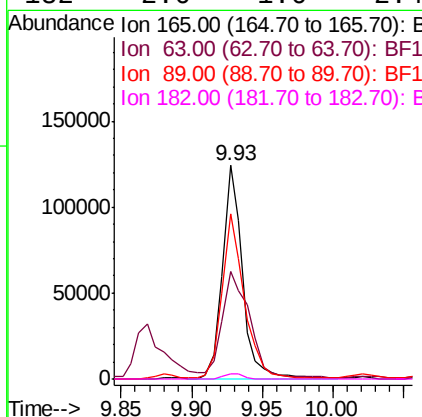
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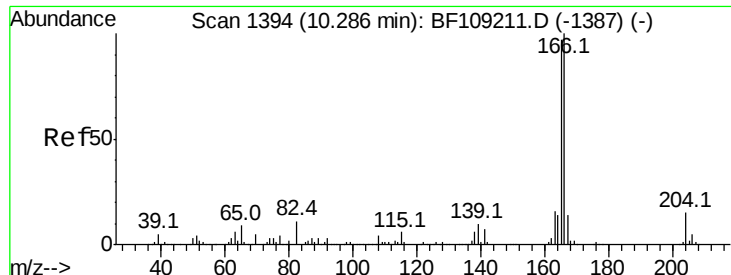
Sohil  
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#56  
2,4-Dinitrotoluene  
Concen: 47.855 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 50.6  | 36.4 | 54.6  |       |
| 89      | 77.1  | 57.8 | 86.6  |       |
| 182     | 2.6   | 1.6  | 2.4   | #     |





#57

Fluorene

Concen: 48.204 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF109578.D

Acq: 4 Oct 2018 6:20

Instrument :

BNA\_F

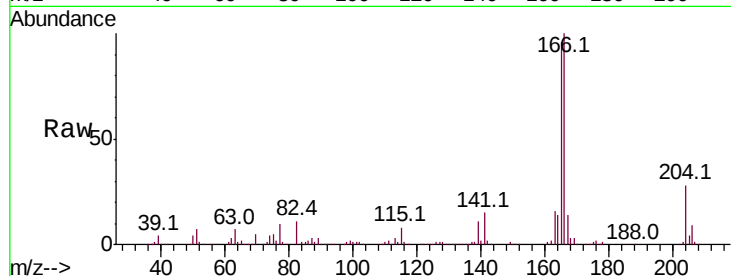
ClientSampleId :

PB113461BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 428733 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 96.2  | 79.8  | 119.8  |
| 167       | 13.7  | 10.6  | 16.0   |

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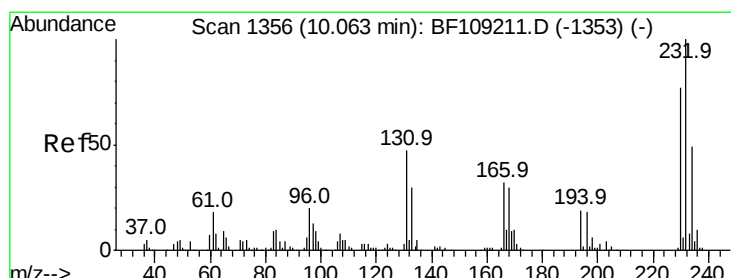
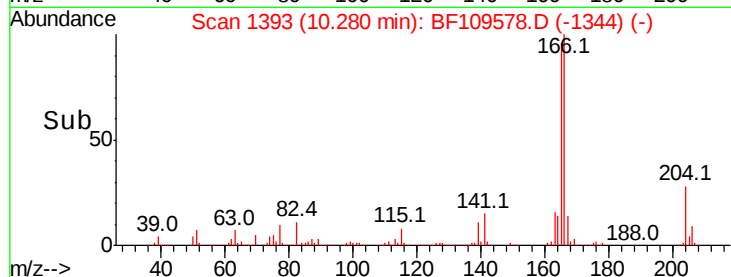
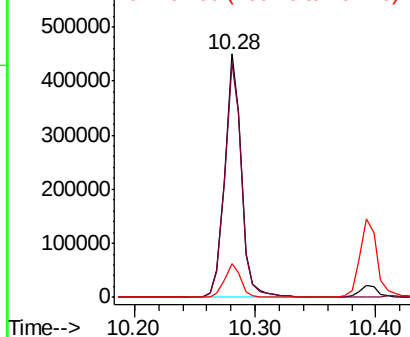


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.076 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF109578.D

Acq: 4 Oct 2018 6:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 123175 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 41.4  | 43.8  | 65.8#  |
| 130       | 2.1   | 2.1   | 3.1    |
| 166       | 28.2  | 27.8  | 41.6   |

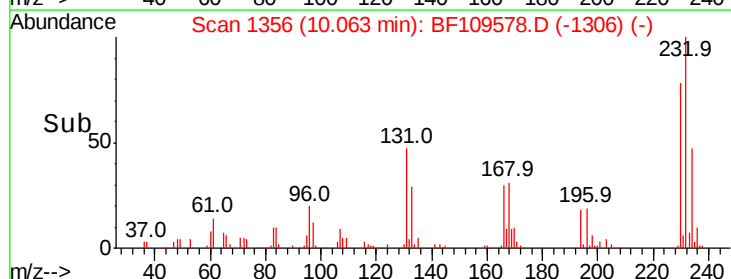
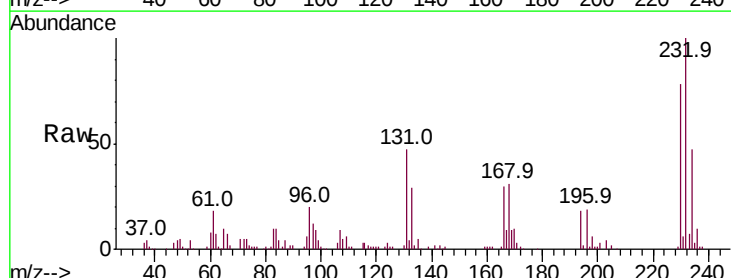
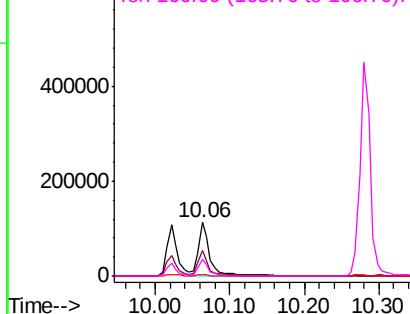
Abundance

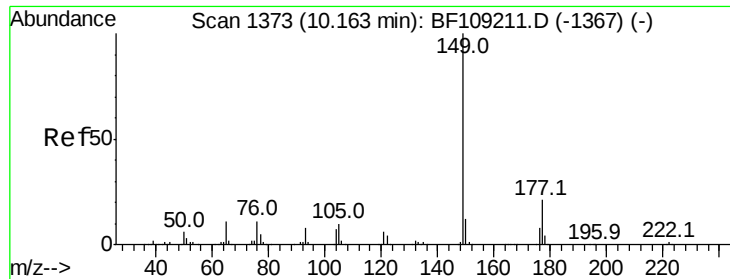
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





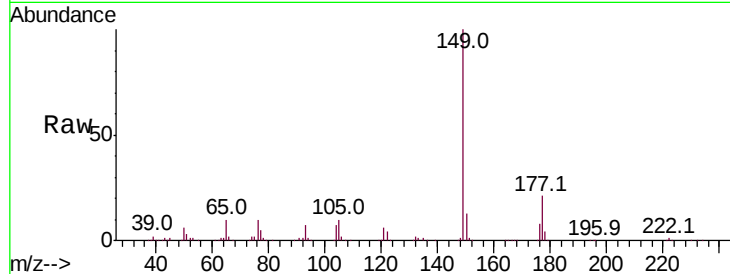
#59  
Diethylphthalate  
Concen: 49.062 ng  
RT: 10.16 min Scan# 1372  
Delta R.T. -0.02 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB113461BSD

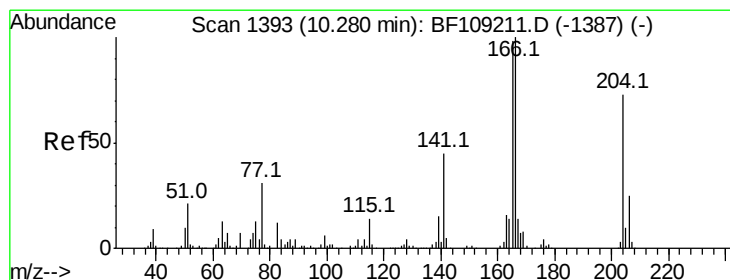
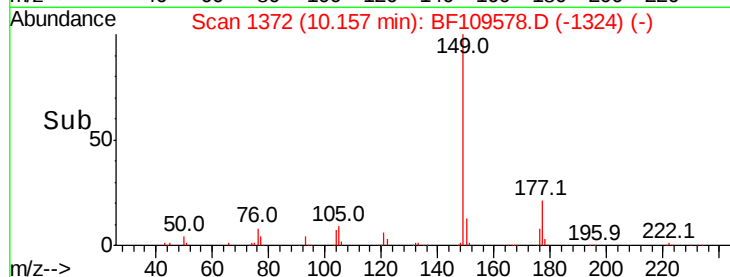
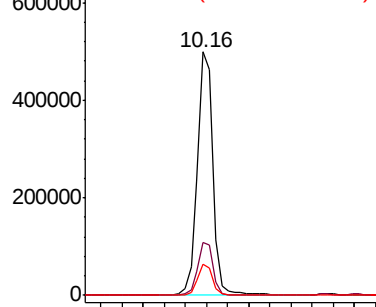
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.5  | 16.1  | 24.1  |
| 150     | 12.6  | 10.1  | 15.1  |

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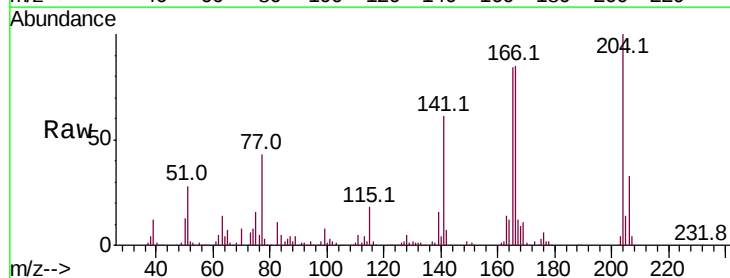


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

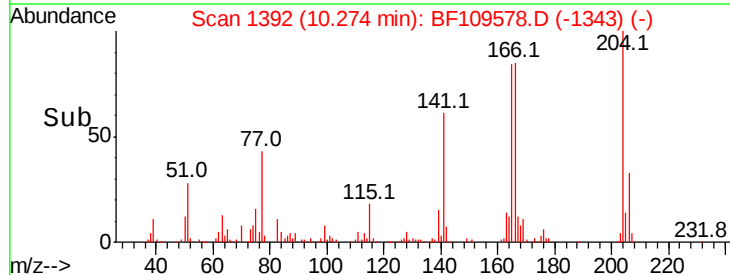
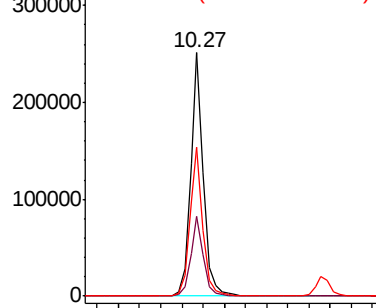


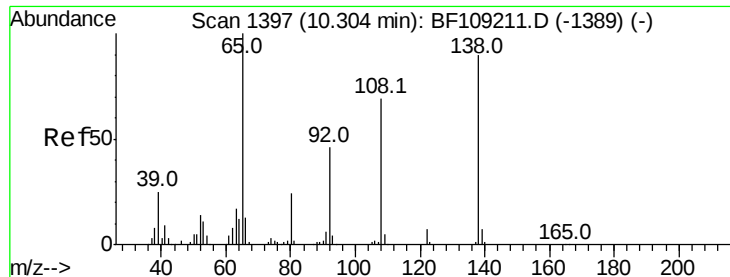
#60  
4-Chlorophenyl-phenylether  
Concen: 45.818 ng  
RT: 10.27 min Scan# 1392  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.9  | 26.5  | 39.7  |
| 141     | 61.3  | 54.6  | 81.8  |



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 47.316 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.02 min

Lab File: BF109578.D

Acq: 4 Oct 2018 6:20

Instrument :

BNA\_F

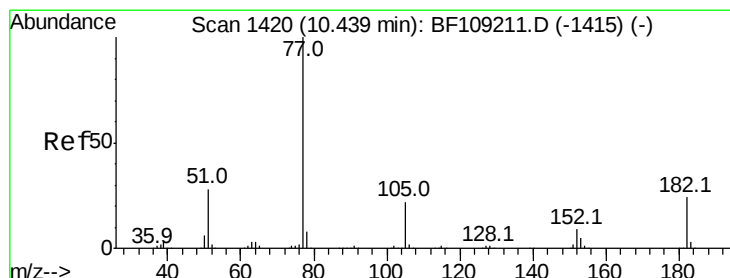
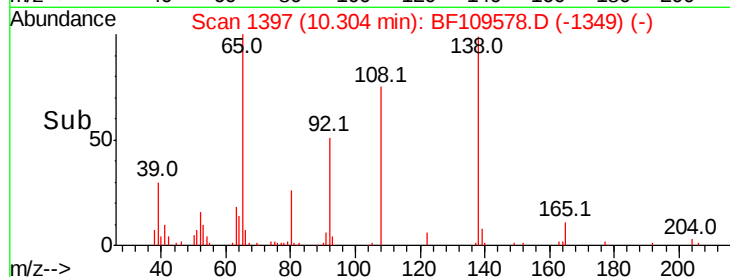
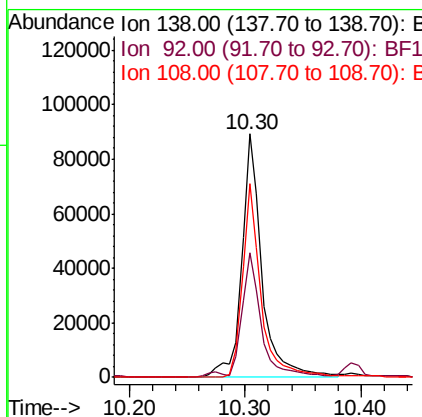
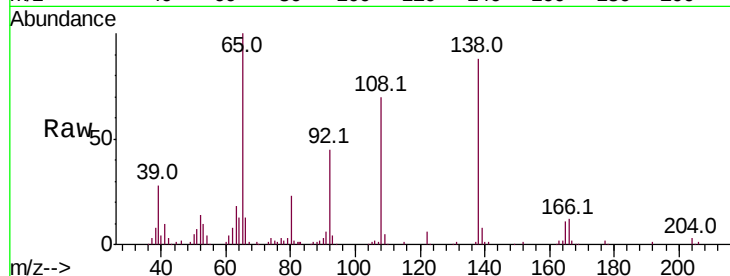
ClientSampleId :

PB113461BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 138   | Resp: | 108684 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 51.1  | 30.2  | 70.2   |
| 108       | 79.4  | 52.5  | 92.5   |

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#62

Azobenzene

Concen: 42.733 ng

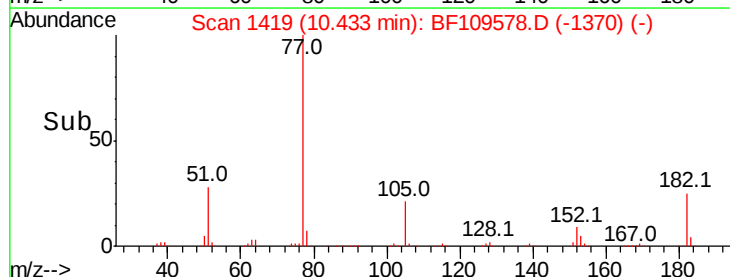
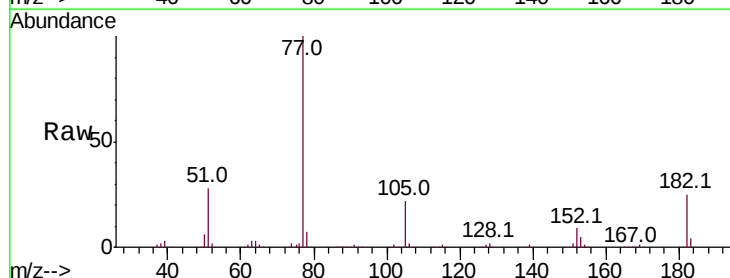
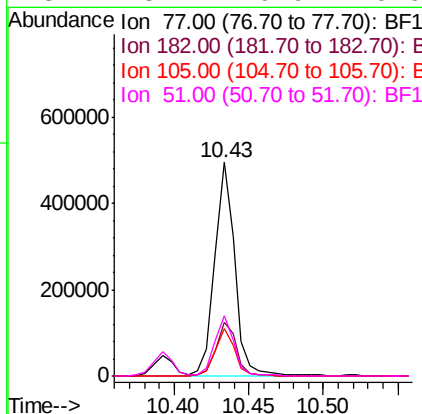
RT: 10.43 min Scan# 1419

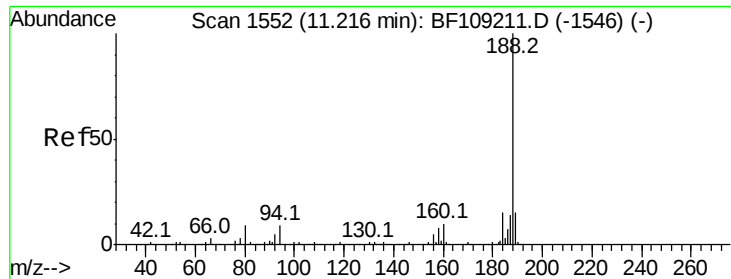
Delta R.T. -0.01 min

Lab File: BF109578.D

Acq: 4 Oct 2018 6:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 461695 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 25.2  | 1.7   | 41.7   |
| 105       | 22.2  | 3.0   | 43.0   |
| 51        | 28.1  | 9.9   | 49.9   |





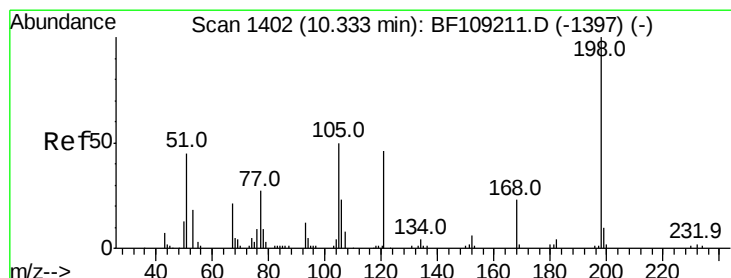
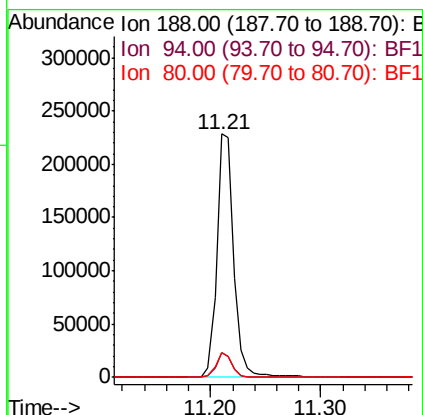
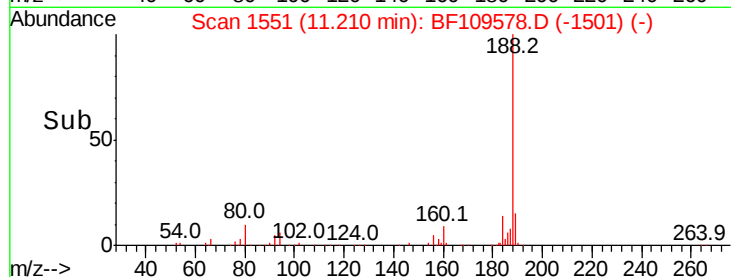
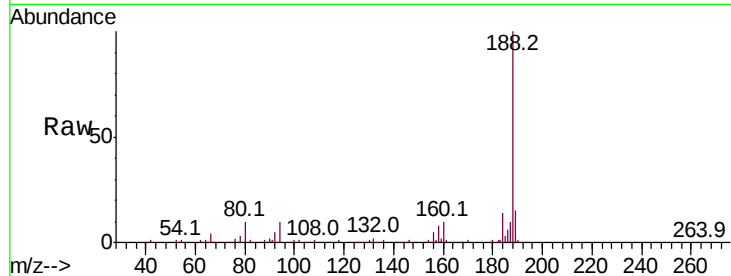
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.21 min Scan# 1551  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB113461BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 241594 |       |       |
| 94      | 10.0  |        | 8.5   | 12.7  |
| 80      | 10.3  |        | 9.2   | 13.8  |

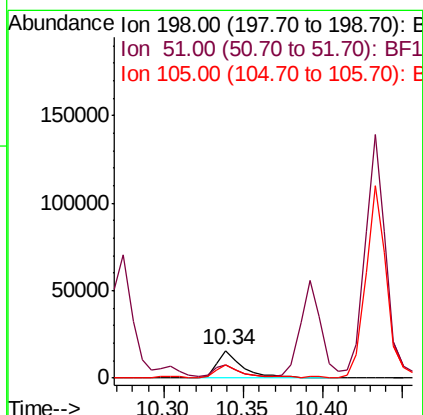
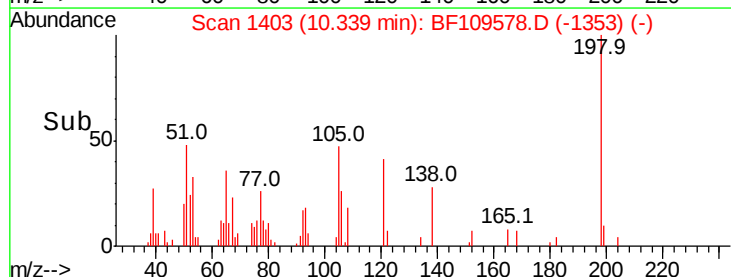
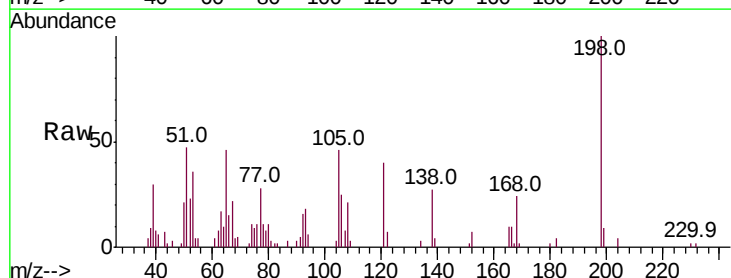
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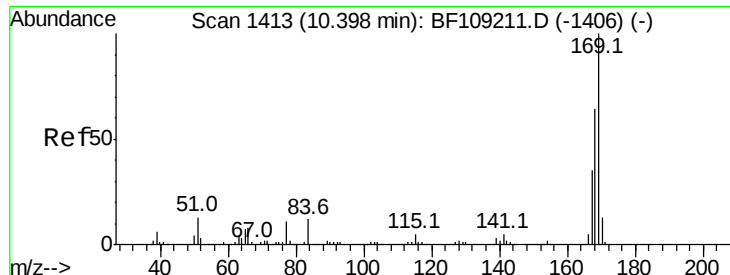
Sohil  
10/4/2018 11:44:35 AM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 22.039 ng  
RT: 10.34 min Scan# 1403  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 17365 |       |       |
| 51      | 46.5  |       | 37.7  | 77.7  |
| 105     | 46.0  |       | 36.3  | 76.3  |





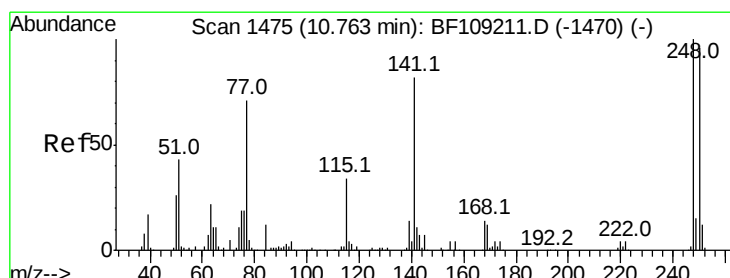
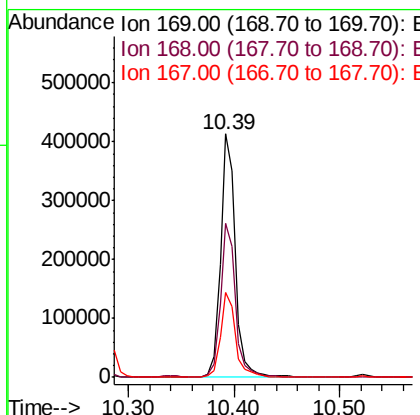
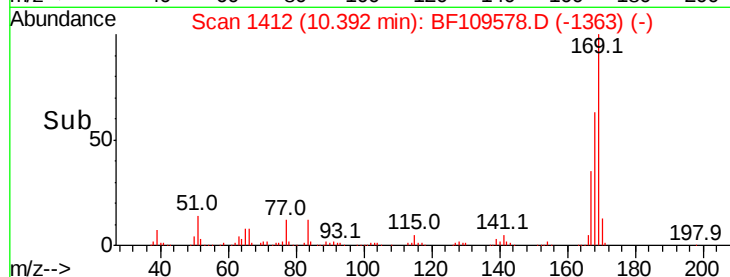
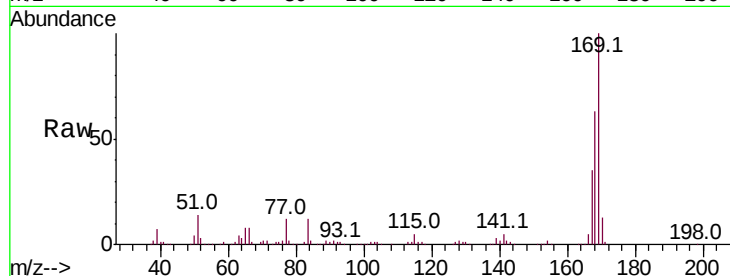
#65  
n-Nitrosodiphenylamine  
Concen: 51.328 ng  
RT: 10.39 min Scan# 1412  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB113461BSD

Tot Ion:169 Resp: 409706  
Ion Ratio Lower Upper  
169 100  
168 63.1 54.4 81.6  
167 35.0 29.8 44.6

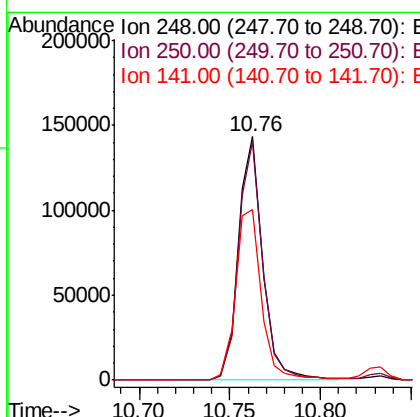
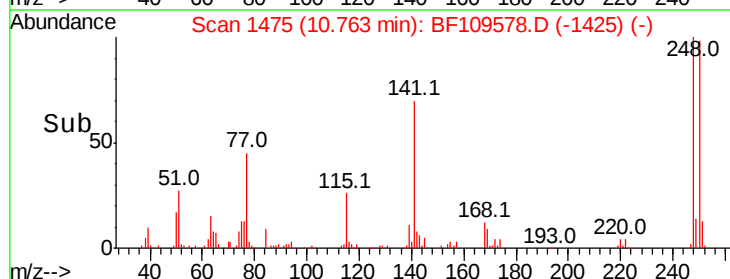
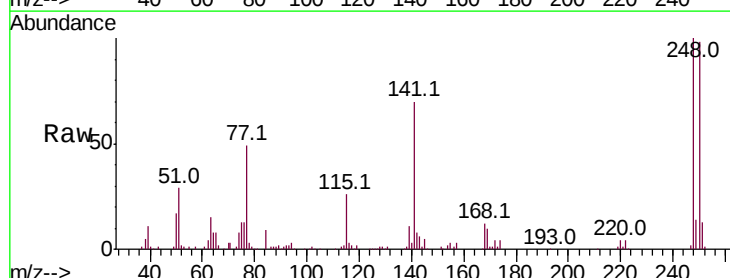
Manual Integrations  
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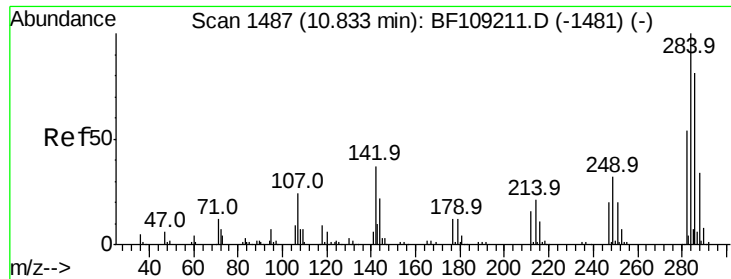
Sohil  
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#66  
4-Bromophenyl-phenylether  
Concen: 49.732 ng  
RT: 10.76 min Scan# 1475  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

Tgt Ion:248 Resp: 133422  
Ion Ratio Lower Upper  
248 100  
250 97.8 76.9 115.3  
141 70.1 74.4 111.6#





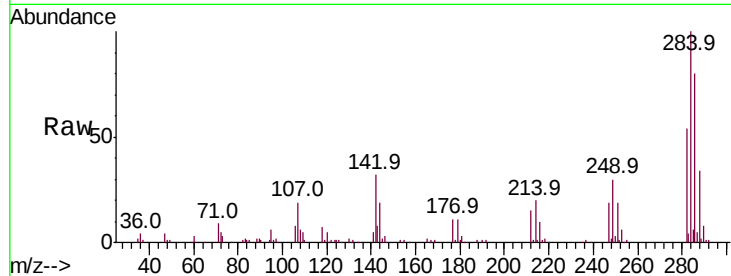
#67  
Hexachlorobenzene  
Concen: 47.498 ng  
RT: 10.83 min Scan# 1487  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB113461BSD

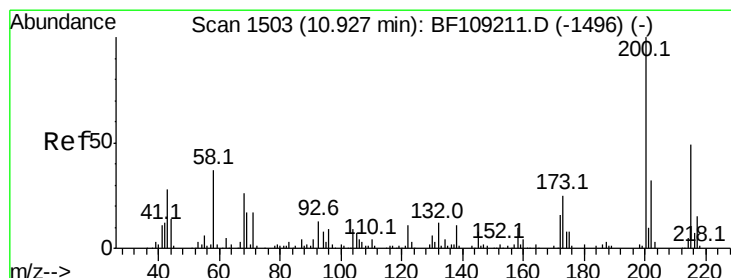
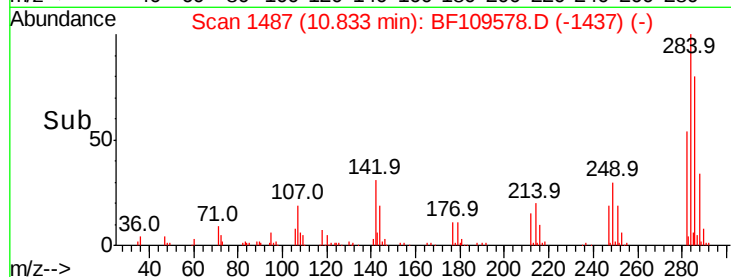
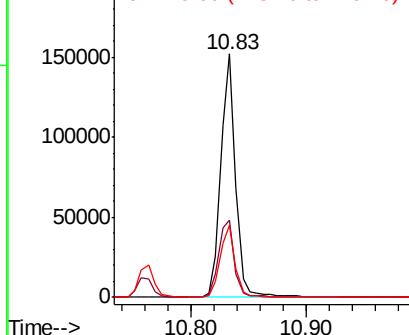
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 284     | 100   |      |       |       |
| 142     | 31.6  | 34.6 | 52.0  |       |
| 249     | 29.7  | 24.8 | 37.2  |       |

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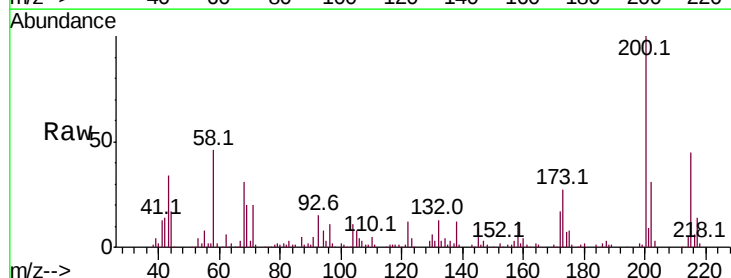


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

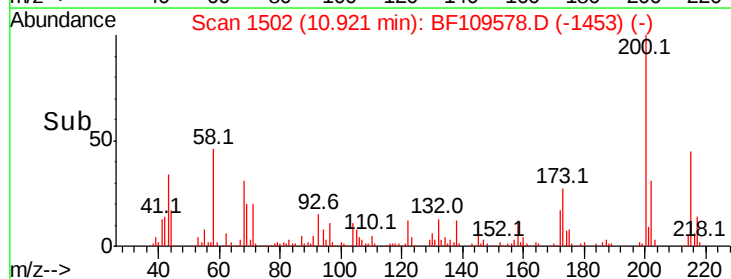
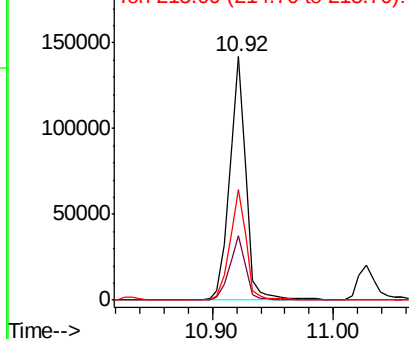


#68  
Atrazine  
Concen: 54.070 ng  
RT: 10.92 min Scan# 1502  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 26.7  | 8.6  | 48.6  |       |
| 215     | 45.3  | 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





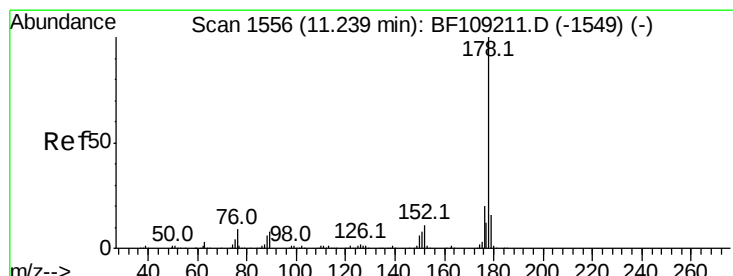
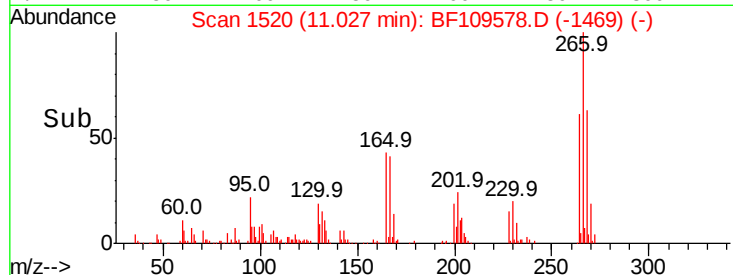
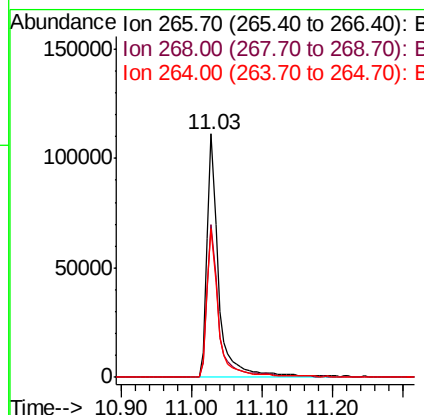
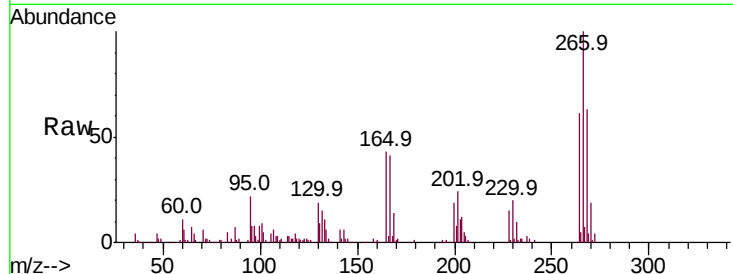
#69  
 Pentachlorophenol  
 Concen: 75.829 ng  
 RT: 11.03 min Scan# 1520  
 Delta R.T. -0.00 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB113461BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 129314 |       |       |
| 268     | 62.9  | 51.1   | 76.7  |       |
| 264     | 61.2  | 49.5   | 74.3  |       |

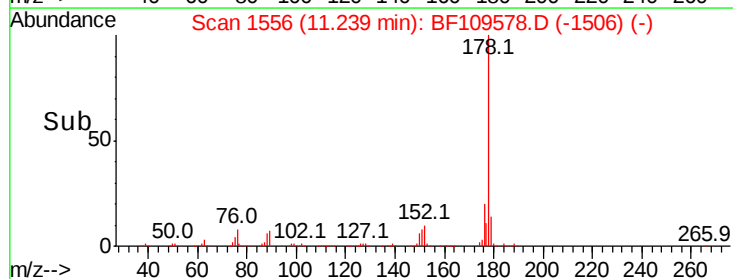
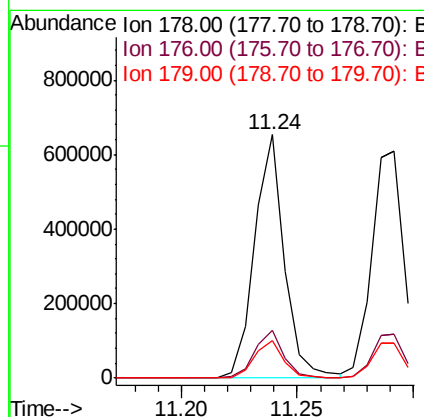
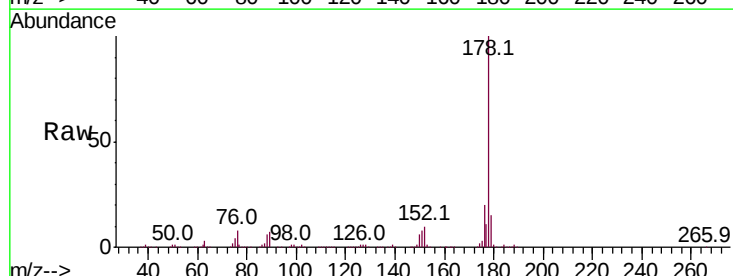
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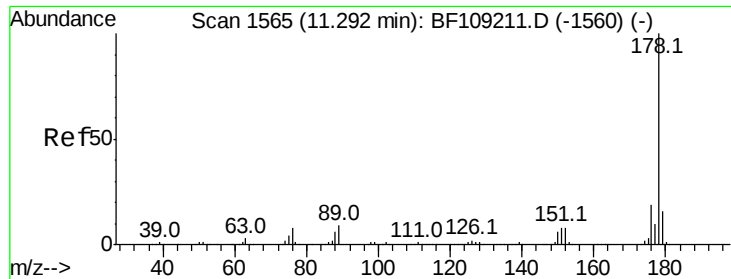
Sohil  
 10/4/2018 11:44:35 AM



#70  
 Phenanthrene  
 Concen: 48.886 ng  
 RT: 11.24 min Scan# 1556  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 589700 |       |       |
| 176     | 19.8  | 15.8   | 23.8  |       |
| 179     | 15.5  | 13.0   | 19.6  |       |





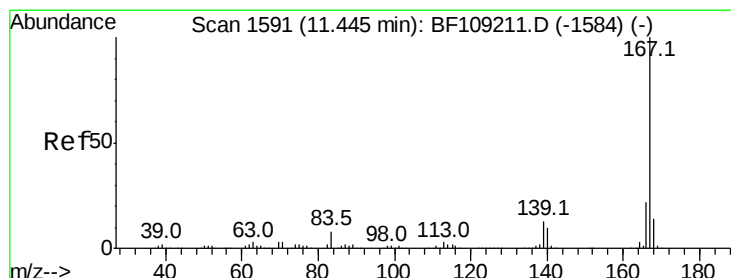
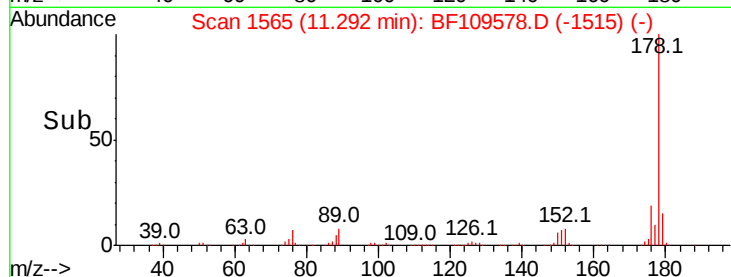
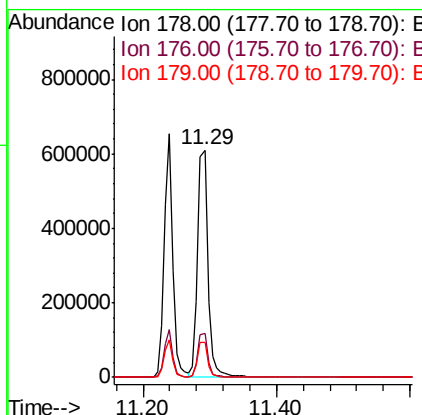
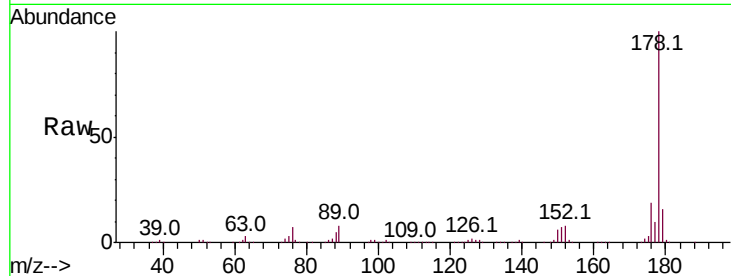
#71  
 Anthracene  
 Concen: 51.653 ng  
 RT: 11.29 min Scan# 1565  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB113461BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.0  | 15.4  | 23.2  |
| 179     | 15.6  | 12.6  | 19.0  |

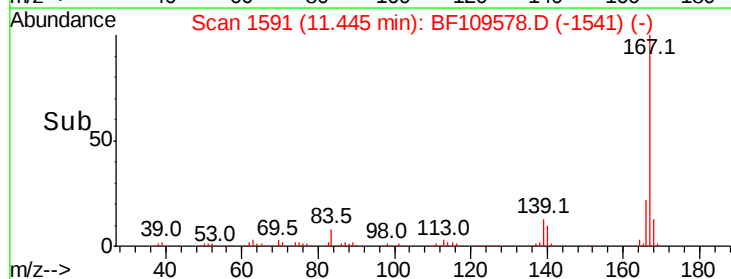
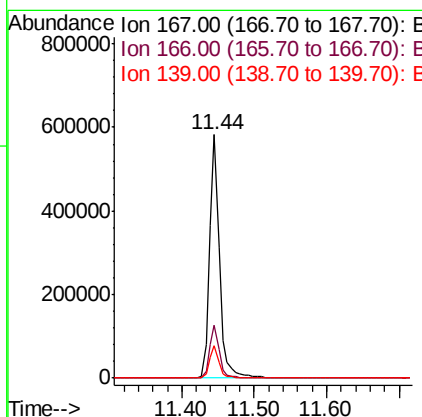
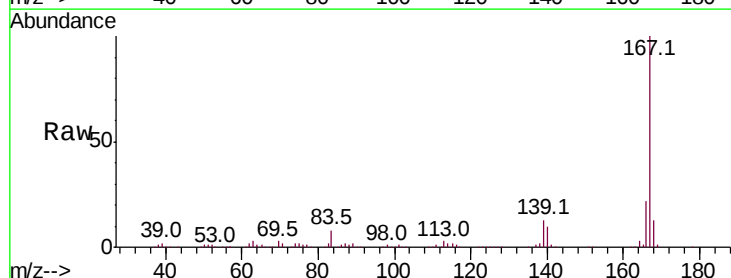
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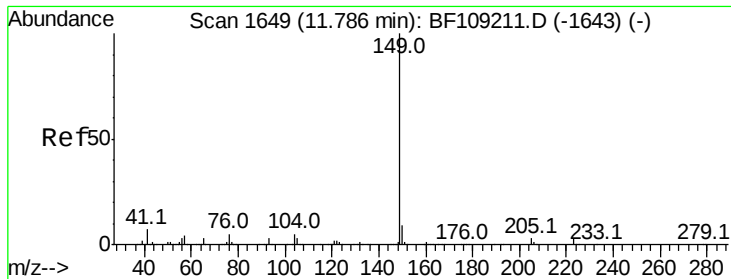
Sohil  
 10/4/2018 11:44:35 AM



#72  
 Carbazole  
 Concen: 45.324 ng  
 RT: 11.44 min Scan# 1591  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.0  | 17.6  | 26.4  |
| 139     | 13.4  | 10.9  | 16.3  |





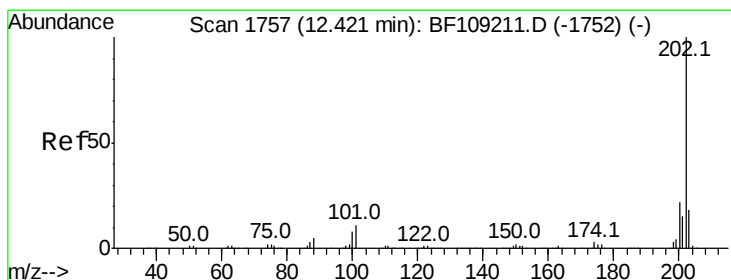
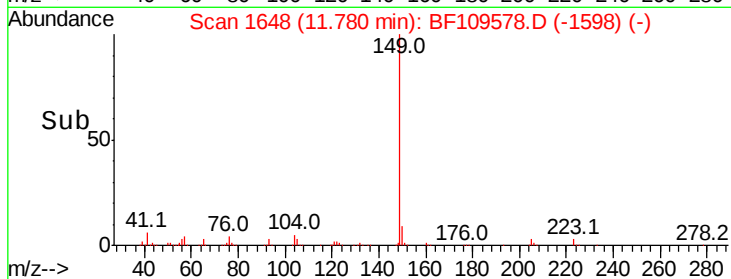
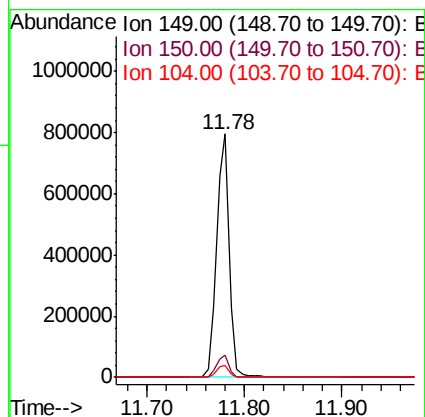
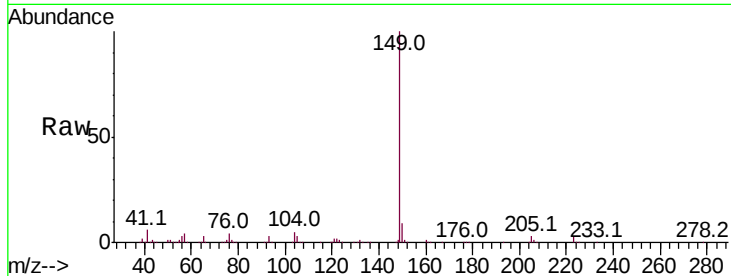
#73  
Di-n-butylphthalate  
Concen: 50.533 ng  
RT: 11.78 min Scan# 1648  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB113461BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 150     | 9.2   | 7.8  | 11.6  |       |
| 104     | 4.8   | 3.8  | 5.8   |       |

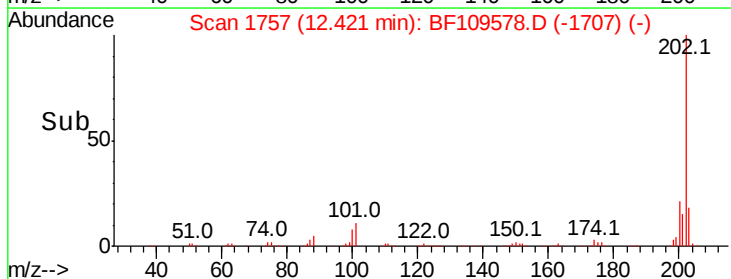
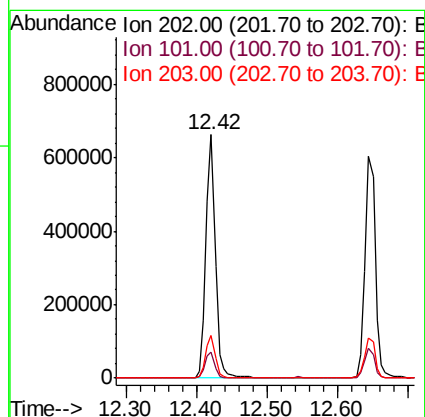
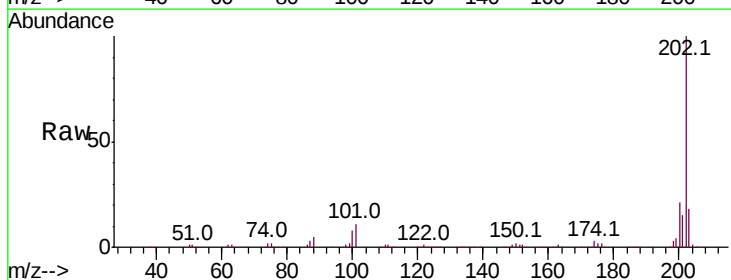
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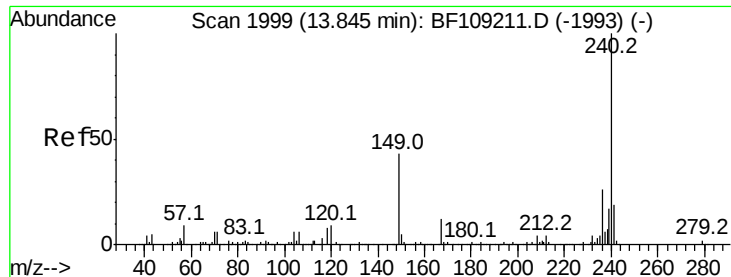
Sohil  
10/4/2018 11:44:35 AM



#74  
Fluoranthene  
Concen: 48.581 ng  
RT: 12.42 min Scan# 1757  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 101     | 10.7  | 0.0  | 34.1  |       |
| 203     | 17.5  | 0.0  | 38.1  |       |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF109578.D

Acq: 4 Oct 2018 6:20

Instrument :

BNA\_F

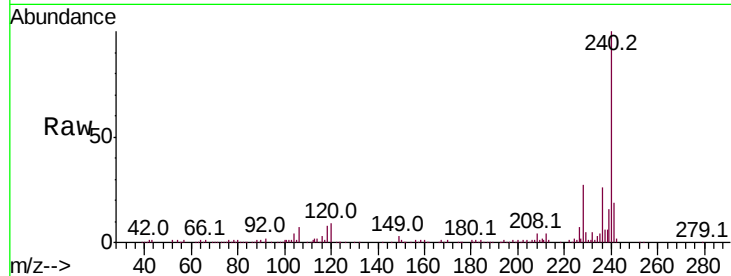
ClientSampleId :

PB113461BSD

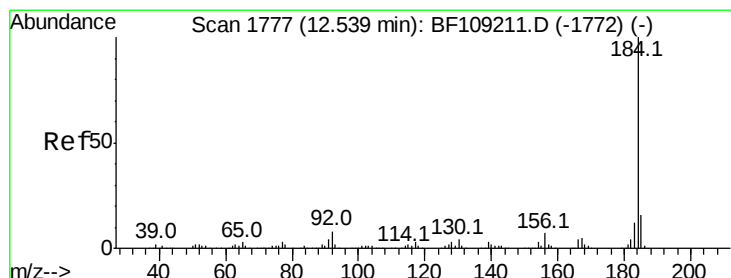
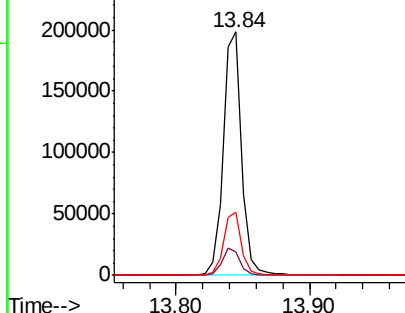
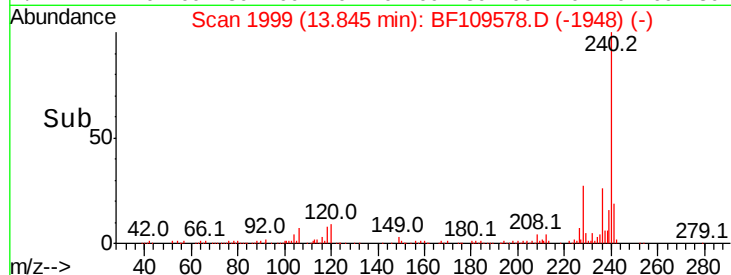
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 240     | 100   |      |       |       |
| 120     | 9.4   | 9.5  | 14.3  |       |
| 236     | 25.9  | 20.7 | 31.1  |       |

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Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 69.716 ng

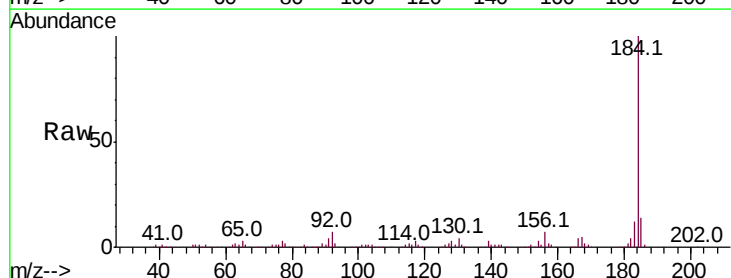
RT: 12.54 min Scan# 1778

Delta R.T. -0.00 min

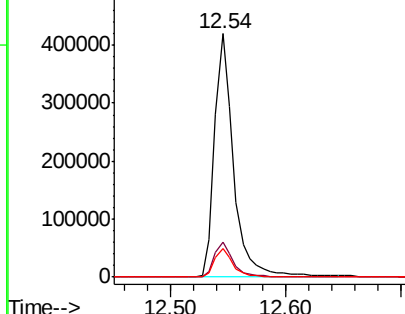
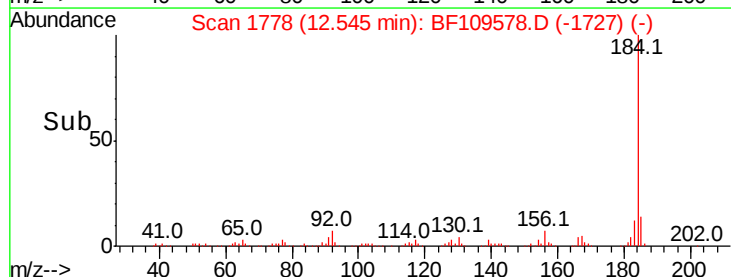
Lab File: BF109578.D

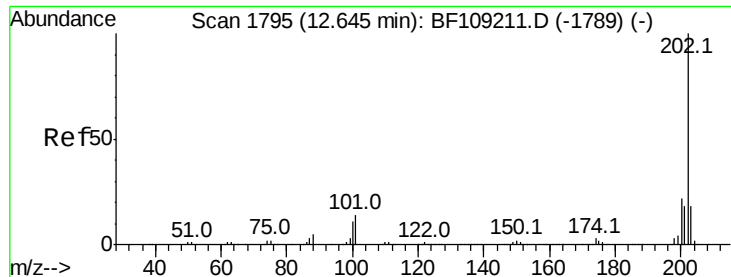
Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 185     | 14.4  | 12.6 | 18.8  |       |
| 183     | 11.8  | 9.3  | 13.9  |       |



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.063 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF109578.D

Acq: 4 Oct 2018 6:20

Instrument :

BNA\_F

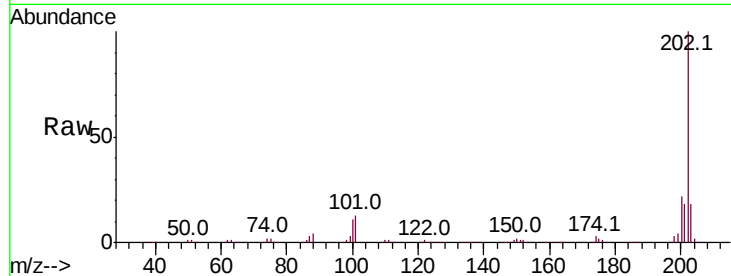
ClientSampleId :

PB113461BSD

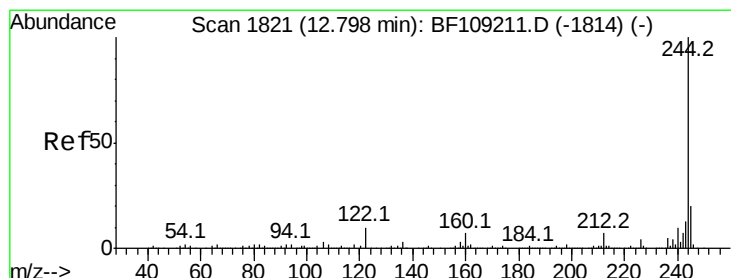
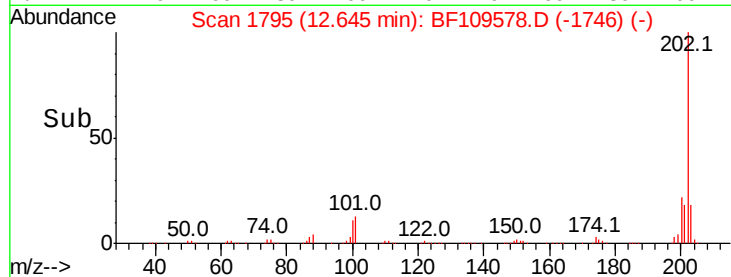
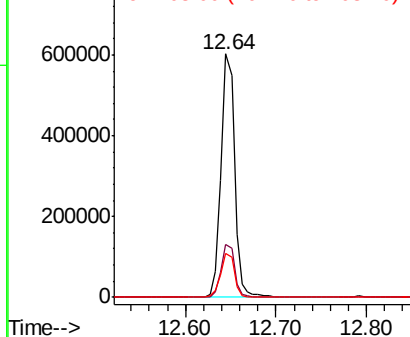
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 200     | 21.5  | 17.4 | 26.2  |       |
| 203     | 18.1  | 14.3 | 21.5  |       |

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



#78

Terphenyl-d14

Concen: 109.664 ng

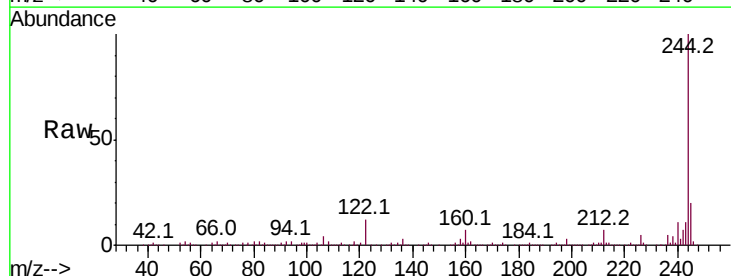
RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

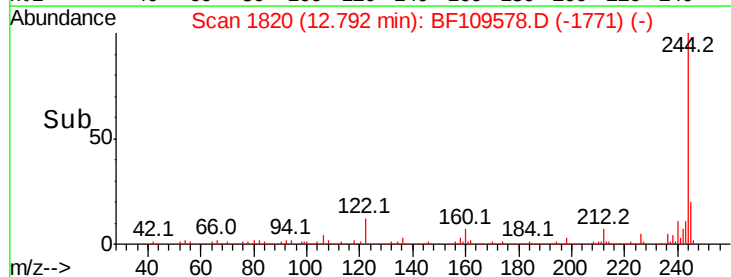
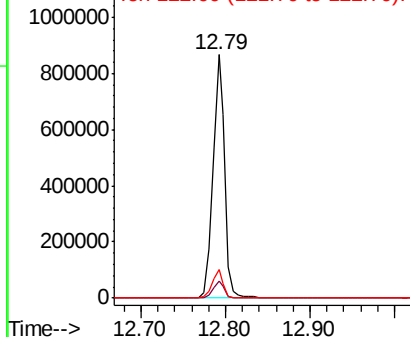
Lab File: BF109578.D

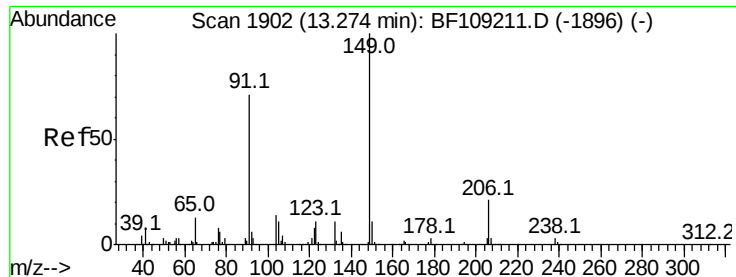
Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 244     | 100   |      |       |       |
| 212     | 7.2   | 5.4  | 8.0   |       |
| 122     | 11.7  | 11.0 | 16.4  |       |



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





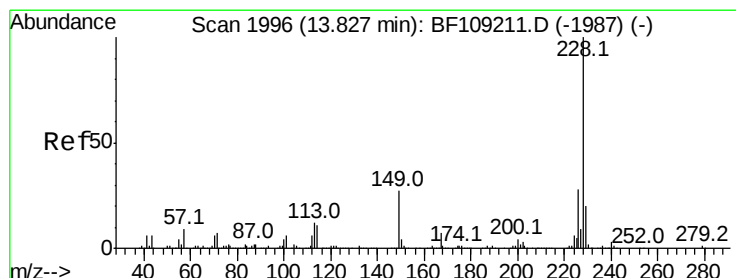
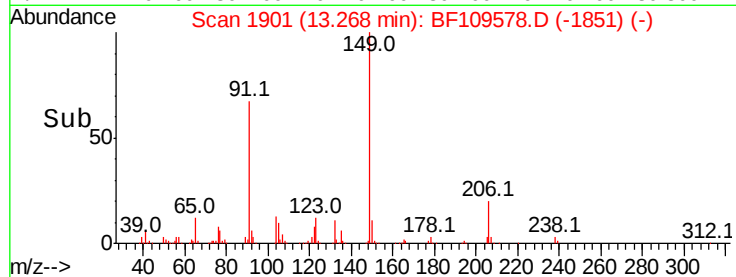
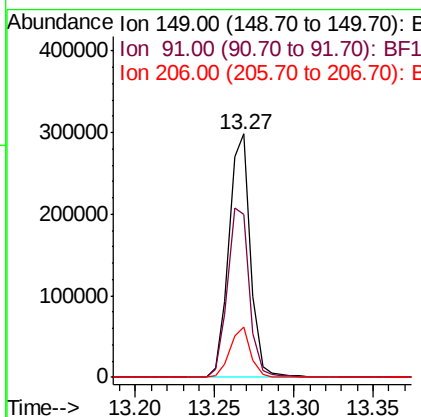
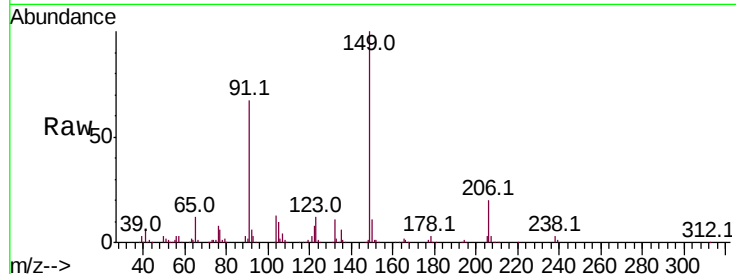
#79  
Butylbenzylphthalate  
Concen: 48.303 ng  
RT: 13.27 min Scan# 1901  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB113461BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 91      | 66.9  | 56.8       | 85.2  |
| 206     | 20.5  | 14.1       | 21.1  |

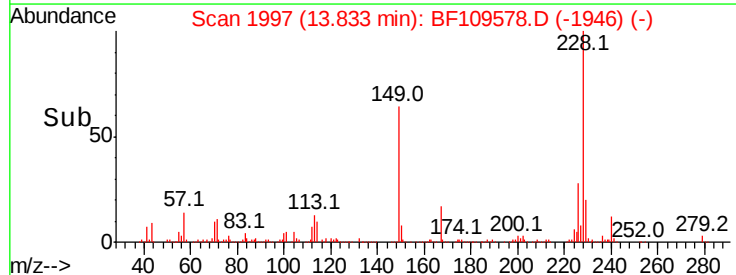
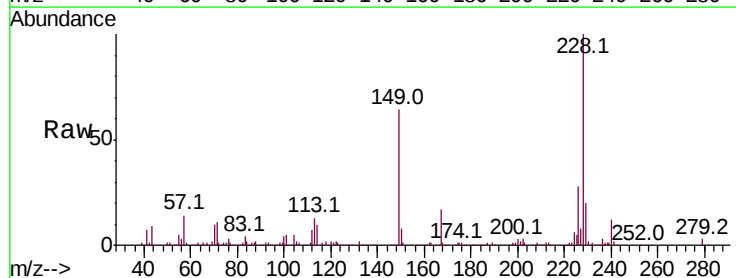
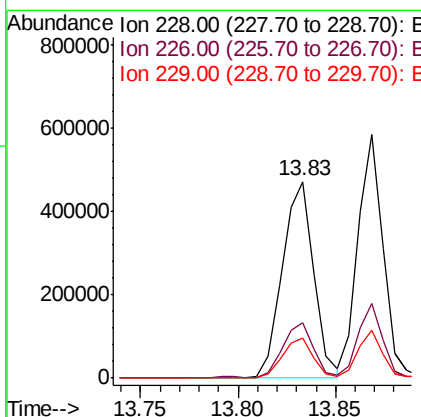
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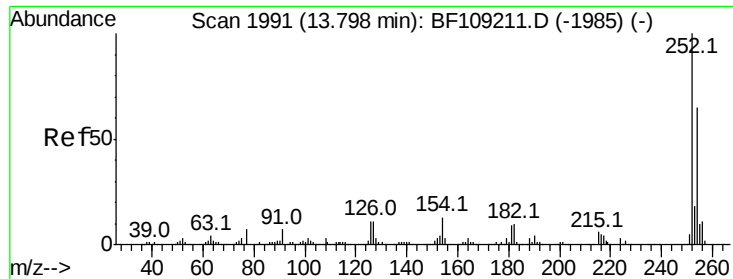
Sohil  
10/4/2018 11:44:35 AM



#80  
Benzo(a)anthracene  
Concen: 45.295 ng  
RT: 13.83 min Scan# 1997  
Delta R.T. -0.00 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 28.4  | 22.6       | 33.8  |
| 229     | 20.3  | 15.8       | 23.6  |





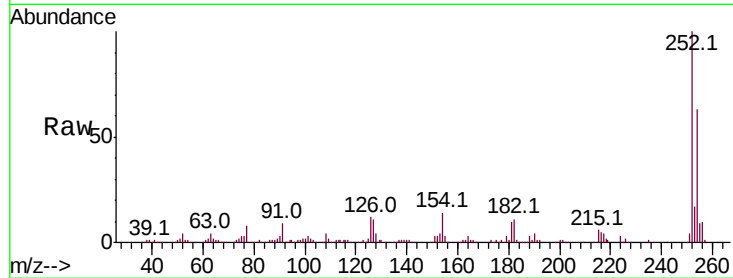
#81  
 3,3'-Dichlorobenzidine  
 Concen: 48.358 ng  
 RT: 13.79 min Scan# 1990  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB113461BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 63.0  | 50.4       | 75.6  |
| 126     | 12.0  | 11.3       | 16.9  |

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Sohil  
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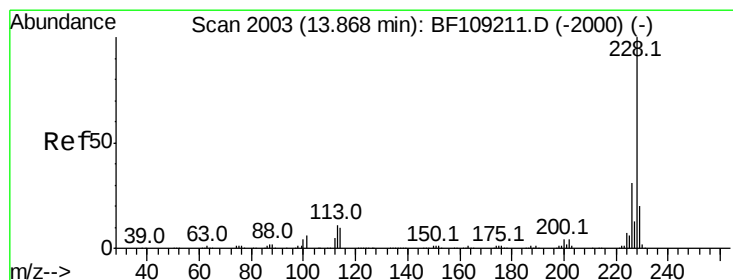
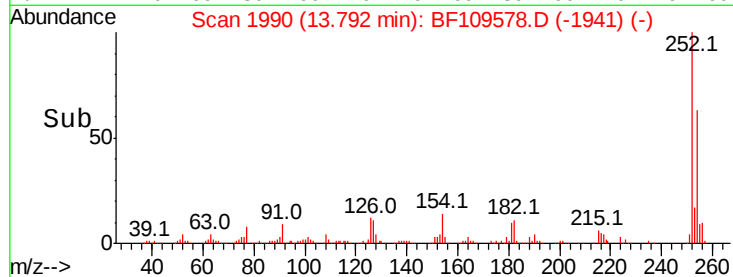
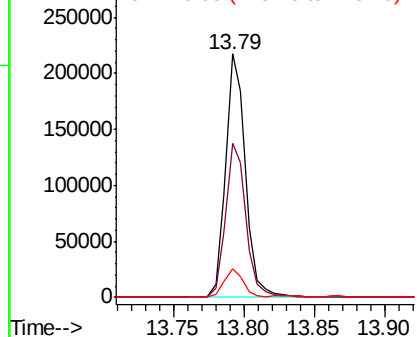


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82  
 Chrysene  
 Concen: 46.678 ng  
 RT: 13.87 min Scan# 2003  
 Delta R.T. -0.01 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

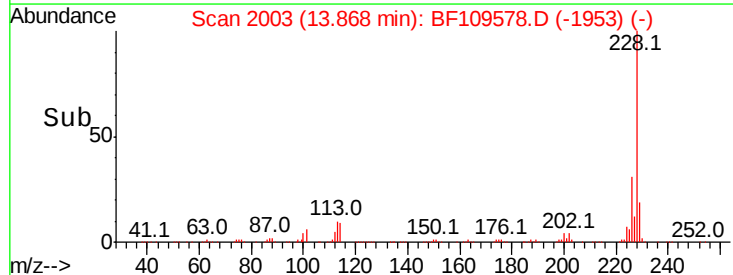
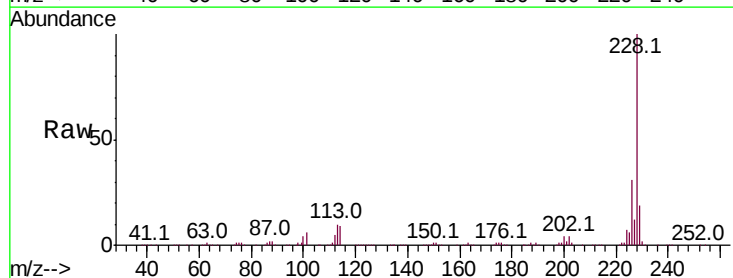
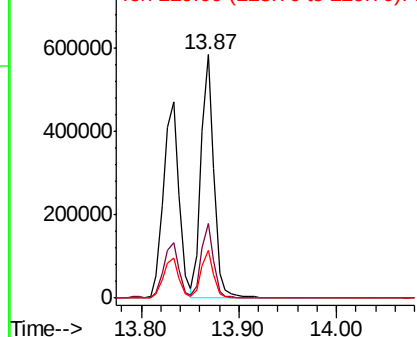
| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 30.8  | 25.0       | 37.6  |
| 229     | 19.5  | 16.2       | 24.4  |

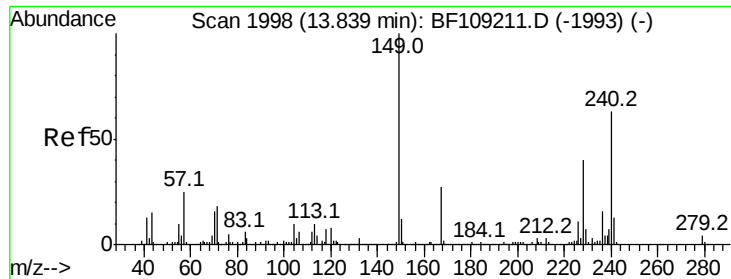
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





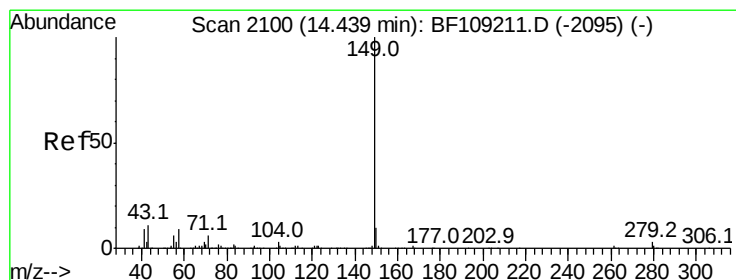
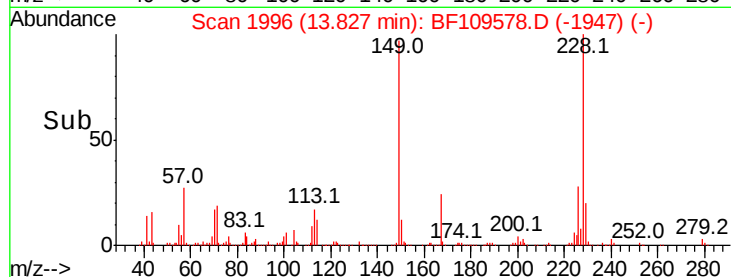
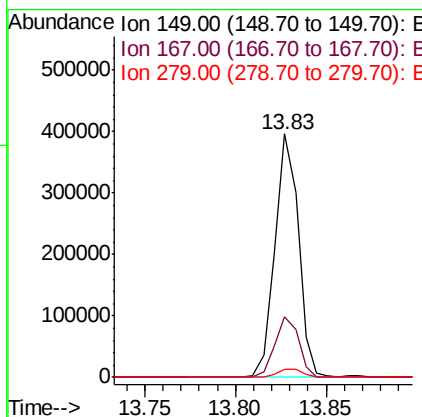
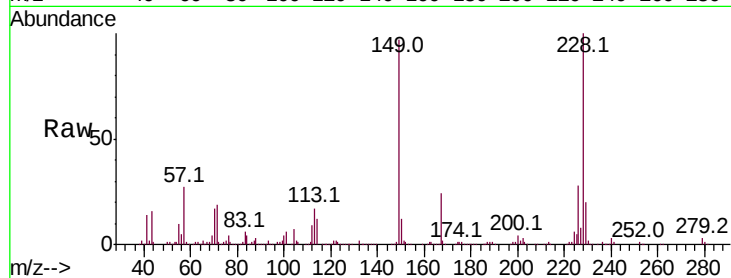
#83  
Bis(2-ethylhexyl)phthalate  
Concen: 48.485 ng  
RT: 13.83 min Scan# 1996  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB113461BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 357971 |       |       |
| 167     | 25.0  | 21.3   | 31.9  |       |
| 279     | 3.6   | 3.0    | 4.4   |       |

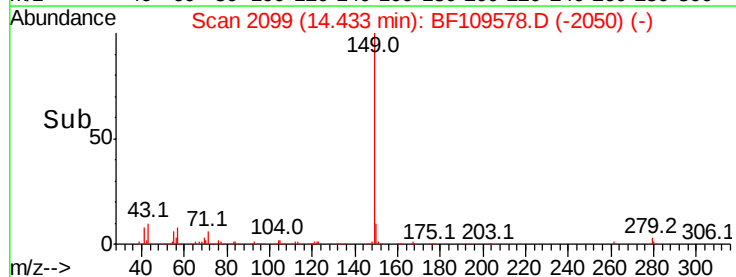
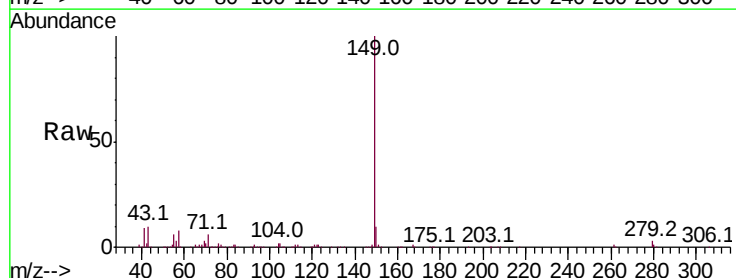
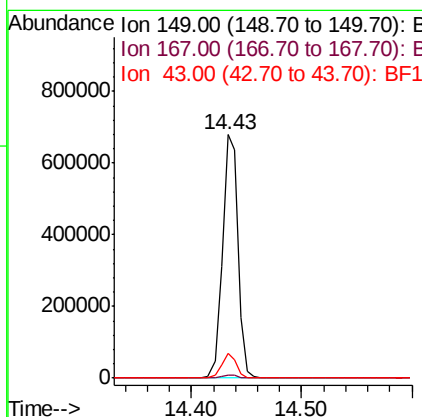
Manual Integrations  
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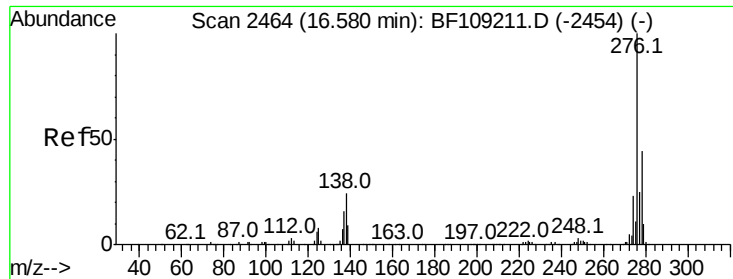
Sohil  
10/4/2018 11:44:35 AM



#84  
Di-n-octyl phthalate  
Concen: 52.761 ng  
RT: 14.43 min Scan# 2099  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 666039 |       |       |
| 167     | 1.5   | 1.2    | 1.8   |       |
| 43      | 9.3   | 8.4    | 12.6  |       |





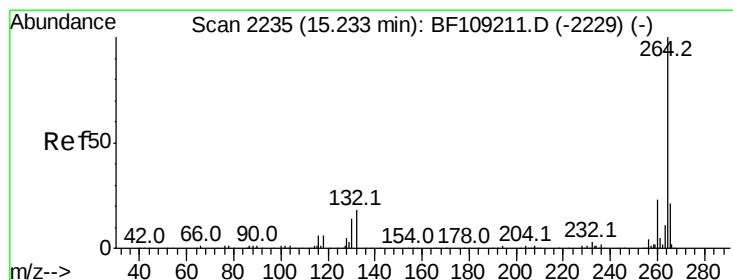
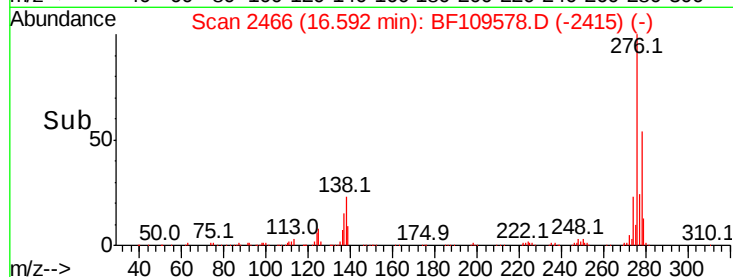
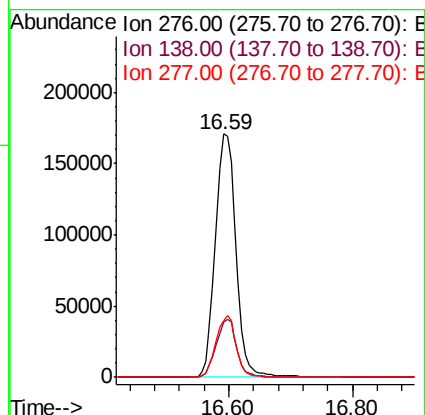
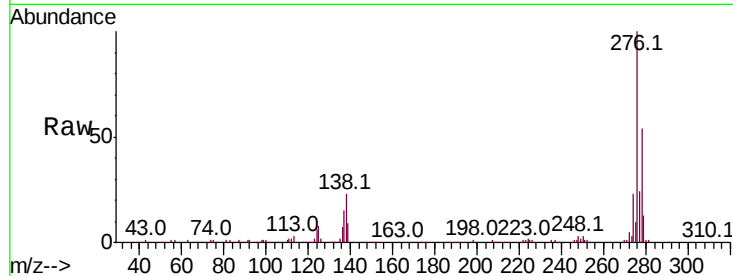
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 42.639 ng  
RT: 16.59 min Scan# 2466  
Delta R.T. -0.00 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB113461BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.7  | 25.0  | 37.6# |
| 277     | 24.8  | 20.1  | 30.1  |

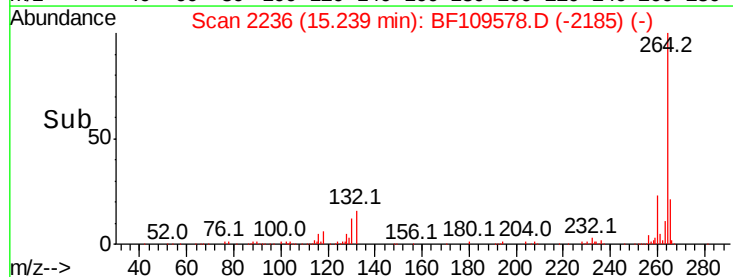
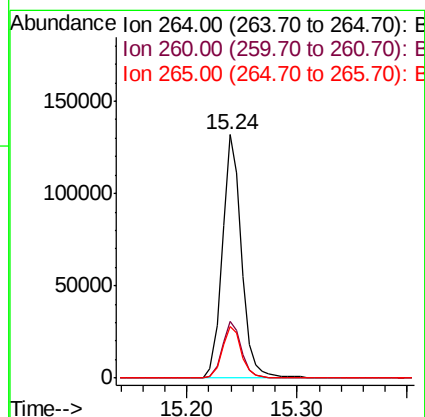
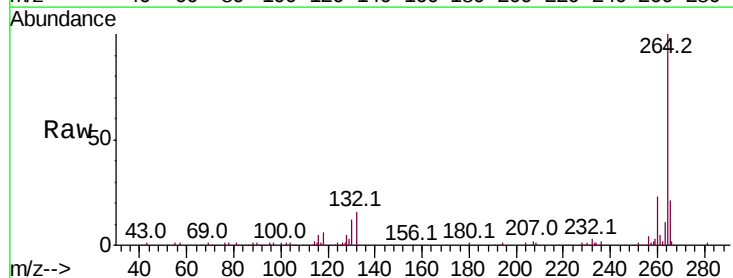
Manual Integrations  
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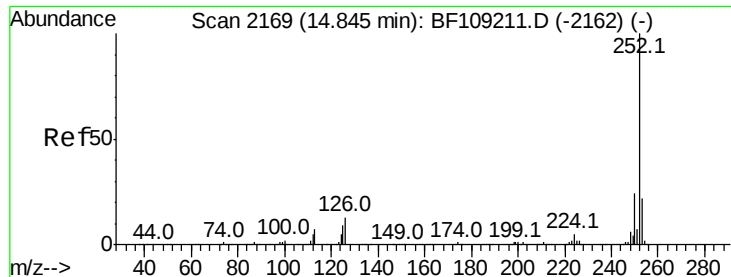
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.24 min Scan# 2236  
Delta R.T. -0.00 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.1  | 19.2  | 28.8  |
| 265     | 21.2  | 17.5  | 26.3  |





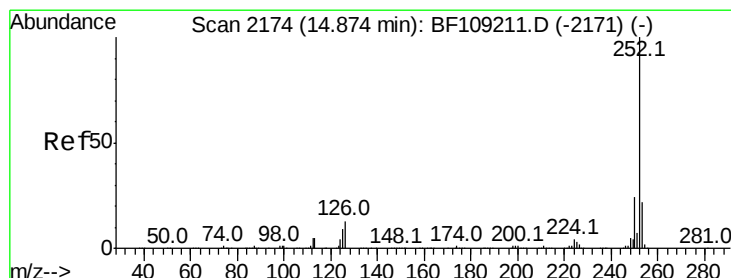
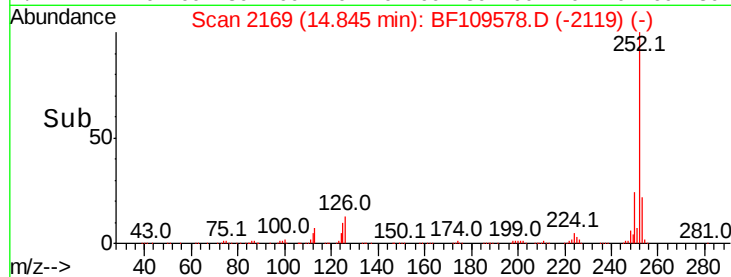
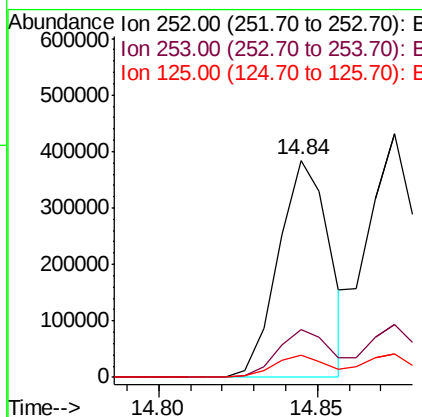
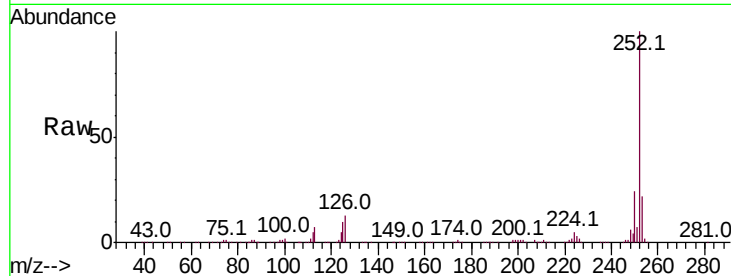
#87  
Benzo(b)fluoranthene  
Concen: 49.201 ng  
RT: 14.84 min Scan# 2169  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB113461BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.0  | 25.6  |
| 125     | 10.3  | 9.0   | 13.6  |

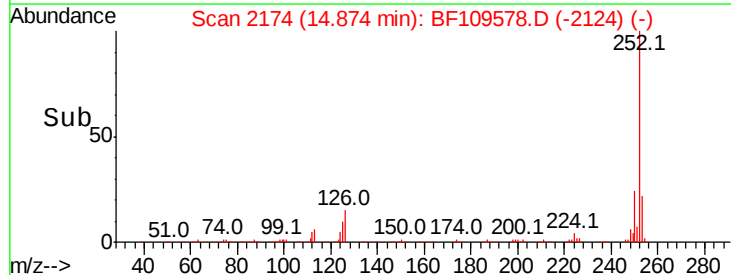
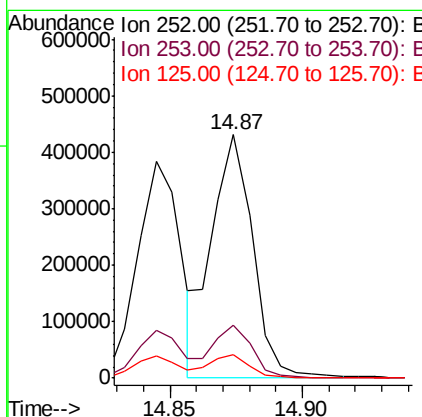
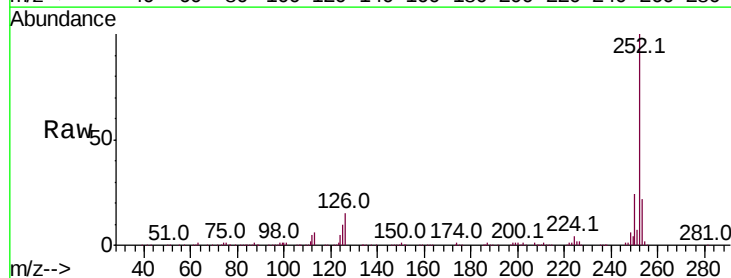
Manual Integrations  
APPROVED

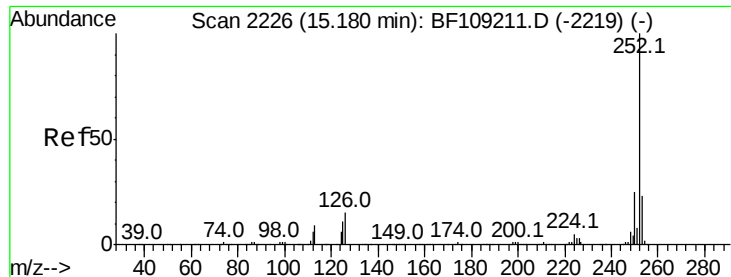
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#88  
Benzo(k)fluoranthene  
Concen: 55.734 ng m  
RT: 14.87 min Scan# 2174  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.9  | 26.9  |
| 125     | 9.7   | 10.2  | 15.2# |





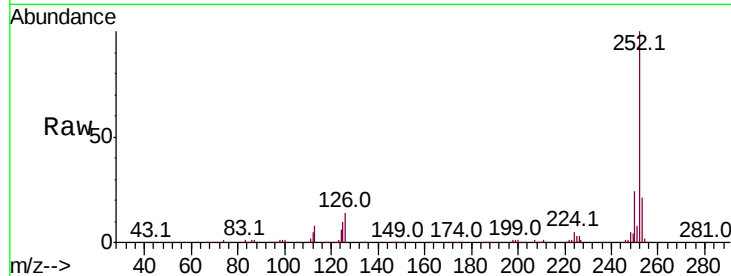
#89  
Benzo(a)pyrene  
Concen: 51.709 ng  
RT: 15.19 min Scan# 2227  
Delta R.T. -0.00 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

Instrument :  
BNA\_F  
ClientSampleId :  
PB113461BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.4  | 17.1  | 25.7  |
| 125     | 10.3  | 9.8   | 14.6  |

Manual Integrations  
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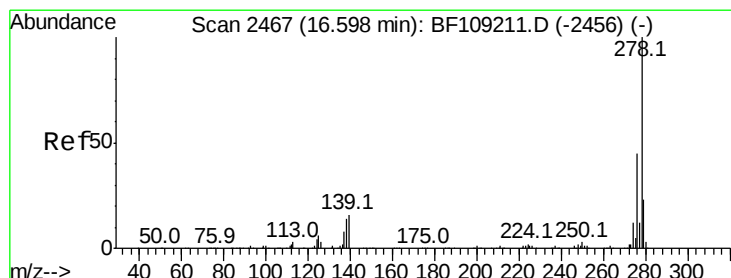
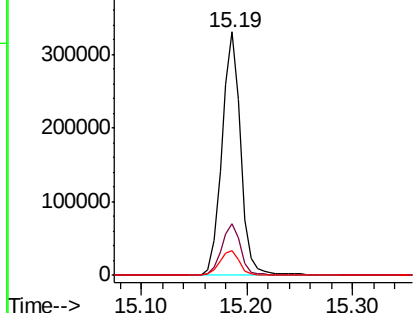
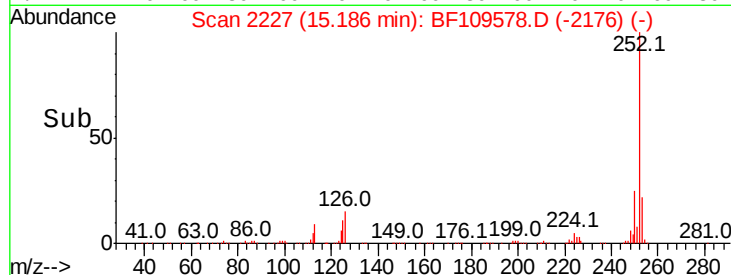


Abundance

Ion 252.00 (251.70 to 252.70): E

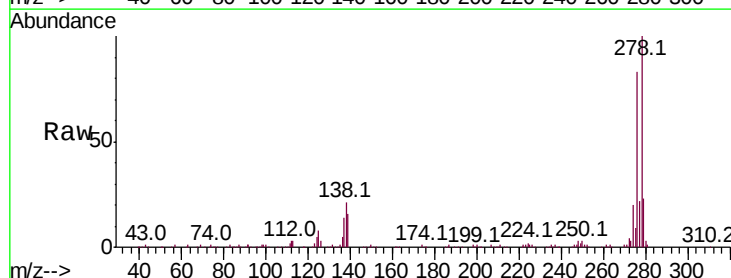
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90  
Dibenzo(a,h)anthracene  
Concen: 51.605 ng  
RT: 16.60 min Scan# 2468  
Delta R.T. -0.01 min  
Lab File: BF109578.D  
Acq: 4 Oct 2018 6:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.9  | 15.9  | 23.9# |
| 279     | 23.4  | 19.0  | 28.4  |

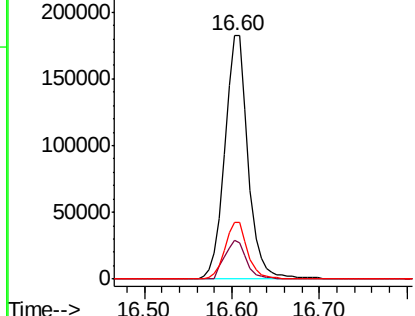
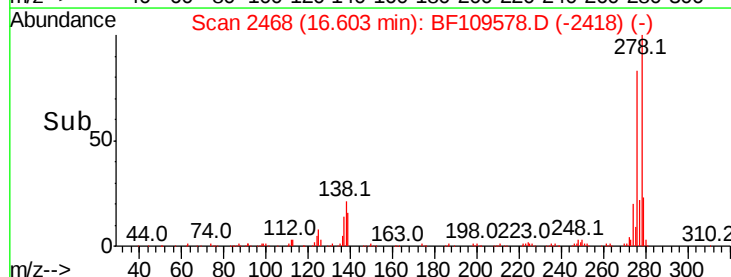


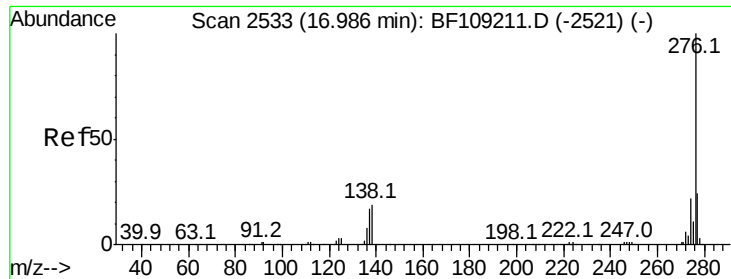
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





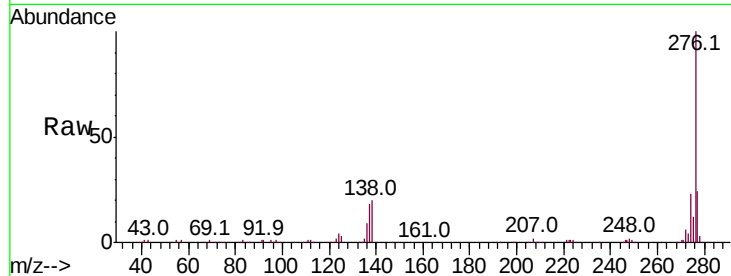
#91  
 Benzo(a,h,i)perylene  
 Concen: 50.776 ng  
 RT: 17.00 min Scan# 2535  
 Delta R.T. -0.00 min  
 Lab File: BF109578.D  
 Acq: 4 Oct 2018 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB113461BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 277     | 24.3  | 17.9       | 26.9  |
| 138     | 20.3  | 21.8       | 32.8  |

Manual Integrations  
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

