

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\  
 Data File : BF112640.D  
 Acq On : 20 Feb 2019 14:25  
 Operator : JU/SJ  
 Sample : K1528-05MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-1MS

Manual Integrations  
 APPROVED

Sohil  
 2/21/2019 10:03:37 AM

Quant Time: Feb 21 09:54:59 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 20 16:59:44 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.83  | 152  | 71784    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.11  | 136  | 283822   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.86  | 164  | 142432   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.35 | 188  | 273496   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.00 | 240  | 207973   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.47 | 264  | 210512   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.47  | 112  | 113048   | 33.45  | ng    | 0.01     |
| 7) Phenol-d6                | 6.49  | 99   | 143959   | 30.66  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.39  | 82   | 355689   | 72.21  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.66 | 330  | 183478   | 110.67 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.17  | 172  | 774712   | 76.93  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.93 | 244  | 825622   | 74.77  | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc    | Units | Qvalue |
|--------------------------------|------|------|----------|---------|-------|--------|
| 2) 1,4-Dioxane                 | 2.55 | 88   | 18467    | 13.717  | ng    | # 91   |
| 3) Pyridine                    | 3.35 | 79   | 30877    | 9.016   | ng    | # 88   |
| 4) n-Nitrosodimethylamine      | 3.27 | 42   | 25787    | 17.923  | ng    | # 77   |
| 6) Aniline                     | 6.50 | 93   | 97044    | 17.372  | ng    | # 95   |
| 8) 2-Chlorophenol              | 6.63 | 128  | 115937   | 25.501  | ng    | # 96   |
| 9) Benzaldehyde                | 6.39 | 77   | 353693   | 144.098 | ng    | # 1    |
| 10) Phenol                     | 6.50 | 94   | 50012    | 9.707   | ng    | # 17   |
| 11) bis(2-Chloroethyl)ether    | 6.57 | 93   | 132650   | 32.703  | ng    | # 94   |
| 12) 1,3-Dichlorobenzene        | 6.77 | 146  | 157495   | 29.746  | ng    | # 99   |
| 13) 1,4-Dichlorobenzene        | 6.85 | 146  | 161472   | 29.633  | ng    | # 99   |
| 14) 1,2-Dichlorobenzene        | 7.00 | 146  | 141908   | 27.815  | ng    | # 94   |
| 15) Benzyl Alcohol             | 6.97 | 79   | 85660    | 21.639  | ng    | # 89   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.10 | 45   | 156202   | 29.993  | ng    | # 1    |
| 17) 2-Methylphenol             | 7.10 | 107  | 77070    | 21.384  | ng    | # 21   |
| 18) Hexachloroethane           | 7.36 | 117  | 337226   | 176.235 | ng    | # 1    |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70   | 106062   | 32.754  | ng    | # 98   |
| 20) 3+4-Methylphenols          | 7.26 | 107  | 96457    | 20.929  | ng    | # 61   |
| 22) Acetophenone               | 7.23 | 105  | 163347   | 23.635  | ng    | # 93   |
| 24) Nitrobenzene               | 7.41 | 77   | 182154   | 37.027  | ng    | # 99   |
| 25) Isophorone                 | 7.65 | 82   | 273198   | 35.354  | ng    | # 99   |
| 26) 2-Nitrophenol              | 7.73 | 139  | 78032    | 29.681  | ng    | # 86   |
| 27) 2,4-Dimethylphenol         | 7.77 | 122  | 107671   | 29.726  | ng    | # 91   |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93   | 170344   | 32.374  | ng    | # 98   |
| 29) 2,4-Dichlorophenol         | 7.99 | 162  | 117580   | 29.007  | ng    | # 97   |
| 30) 1,2,4-Trichlorobenzene     | 8.05 | 180  | 139138   | 29.862  | ng    | # 95   |
| 31) Naphthalene                | 8.14 | 128  | 4003351  | 301.622 | ng    | # 97   |
| 32) Benzoic acid               | 7.94 | 122  | 132241m  | 64.004  | ng    | # 96   |
| 33) 4-Chloroaniline            | 8.19 | 127  | 75911    | 13.135  | ng    | # 98   |
| 34) Hexachlorobutadiene        | 8.24 | 225  | 81315    | 29.740  | ng    | # 97   |
| 35) Caprolactam                | 8.66 | 113  | 8557     | 5.984   | ng    | # 94   |
| 36) 4-Chloro-3-methylphenol    | 8.67 | 107  | 112773   | 26.281  | ng    | # 95   |
| 37) 2-Methylnaphthalene        | 8.82 | 142  | 1005092  | 110.617 | ng    | # 98   |
| 38) 1-Methylnaphthalene        | 8.92 | 142  | 579453m  | 66.535  | ng    | # 98   |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.99 | 216  | 140975   | 30.145  | ng    | # 98   |

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 ALS Vial : 6 Sample Multiplier: 1

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 ClientSampleId :  
 MW-1MS

Manual Integrations  
 APPROVED

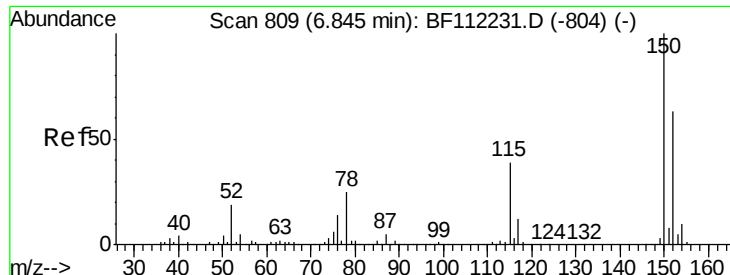
Sohil  
 2/21/2019 10:03:37 AM

Quant Time: Feb 21 09:54:59 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.97  | 237  | 47002    | 32.873  | nq    | 96       |
| 43) 2,4,6-Trichlorophenol      | 9.10  | 196  | 87655    | 30.408  | nq    | 96       |
| 44) 2,4,5-Trichlorophenol      | 9.16  | 196  | 87758    | 29.129  | nq    | 96       |
| 46) 1,1'-Biphenyl              | 9.28  | 154  | 395201   | 31.738  | nq    | 98       |
| 47) 2-Chloronaphthalene        | 9.31  | 162  | 294087   | 30.456  | nq    | 97       |
| 48) 2-Nitroaniline             | 9.41  | 65   | 81716    | 31.049  | nq    | 83       |
| 49) Acenaphthylene             | 9.72  | 152  | 466788   | 32.982  | nq    | 98       |
| 50) Dimethylphthalate          | 9.57  | 163  | 353978   | 31.987  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.65  | 165  | 76976    | 31.059  | nq #  | 92       |
| 52) Acenaphthene               | 9.89  | 154  | 273704   | 32.373  | nq    | 99       |
| 53) 3-Nitroaniline             | 9.83  | 138  | 29014    | 10.806  | nq #  | 99       |
| 54) 2,4-Dinitrophenol          | 9.96  | 184  | 47160    | 59.292  | nq #  | 90       |
| 55) Dibenzofuran               | 10.06 | 168  | 416585   | 32.244  | nq    | 92       |
| 56) 4-Nitrophenol              | 10.06 | 139  | 192398   | 135.533 | nq #  | 17       |
| 57) 2,4-Dinitrotoluene         | 10.07 | 165  | 104958   | 33.265  | nq #  | 80       |
| 58) Fluorene                   | 10.41 | 166  | 342998   | 35.476  | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.20 | 232  | 65143    | 28.612  | nq #  | 86       |
| 60) Diethylphthalate           | 10.27 | 149  | 372916   | 33.957  | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.39 | 204  | 166479   | 31.654  | nq    | 89       |
| 62) 4-Nitroaniline             | 10.44 | 138  | 59539    | 22.607  | nq    | 92       |
| 63) Azobenzene                 | 10.56 | 77   | 316267   | 32.745  | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.49 | 198  | 33819    | 22.055  | nq    | 94       |
| 66) n-Nitrosodiphenylamine     | 10.52 | 169  | 293481   | 31.839  | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.88 | 248  | 99988    | 31.084  | nq    | 92       |
| 68) Hexachlorobenzene          | 10.97 | 284  | 107301   | 31.091  | nq    | 94       |
| 69) Atrazine                   | 11.04 | 200  | 86389    | 29.046  | nq    | 94       |
| 70) Pentachlorophenol          | 11.17 | 266  | 67370    | 50.169  | nq    | 98       |
| 71) Phenanthrene               | 11.37 | 178  | 483869   | 34.031  | nq    | 98       |
| 72) Anthracene                 | 11.43 | 178  | 503776   | 35.568  | nq    | 98       |
| 73) Carbazole                  | 11.59 | 167  | 418717   | 29.970  | nq    | 98       |
| 74) Di-n-butylphthalate        | 11.89 | 149  | 601484   | 34.684  | nq    | 98       |
| 75) Fluoranthene               | 12.56 | 202  | 487301   | 31.953  | nq    | 98       |
| 78) Pyrene                     | 12.79 | 202  | 479350   | 33.291  | nq    | 98       |
| 80) Butylbenzylphthalate       | 13.39 | 149  | 237820   | 34.138  | nq    | 92       |
| 81) Benzo(a)anthracene         | 13.99 | 228  | 407396   | 33.323  | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 13.95 | 252  | 15169    | 3.315   | nq #  | 97       |
| 83) Chrysene                   | 14.02 | 228  | 381269   | 32.671  | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.95 | 149  | 354662   | 35.865  | nq #  | 96       |
| 85) Di-n-octyl phthalate       | 14.56 | 149  | 573223   | 37.677  | nq    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.97 | 276  | 456297   | 49.345  | nq    | 95       |
| 88) Benzo(b)fluoranthene       | 15.04 | 252  | 386987   | 30.739  | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 15.07 | 252  | 395892   | 32.830  | nq    | 97       |
| 90) Benzo(a)pyrene             | 15.41 | 252  | 380418   | 33.582  | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.96 | 278  | 384640   | 42.130  | nq    | 97       |
| 92) Benzo(g,h,i)perylene       | 17.42 | 276  | 378572   | 43.951  | nq    | 95       |

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





#1

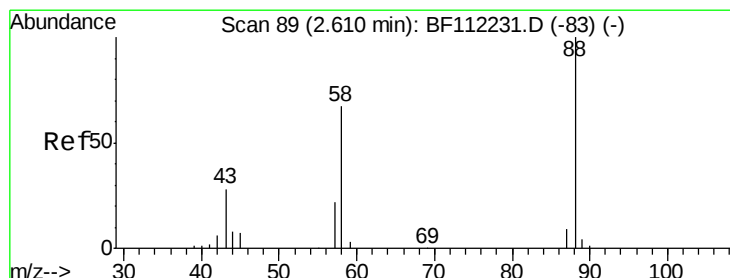
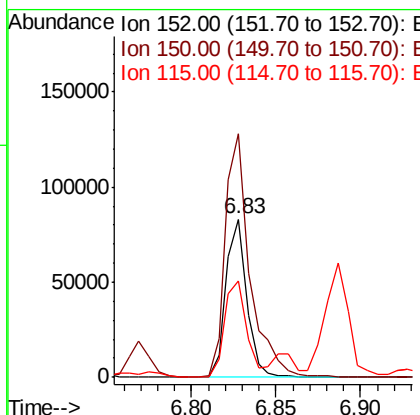
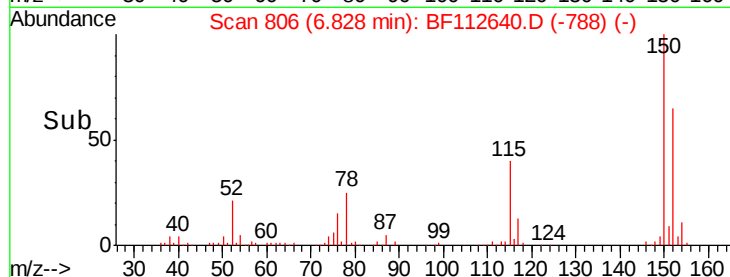
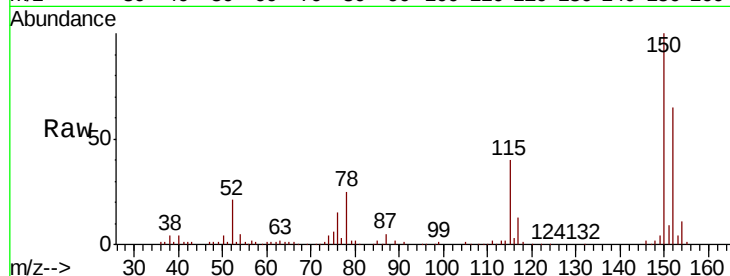
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.83 min Scan# 806  
Delta R.T. 0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampled :  
MW-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.9 | 127.4 | 191.0 |
| 115     | 61.1  | 45.5  | 68.3  |

Manual Integrations  
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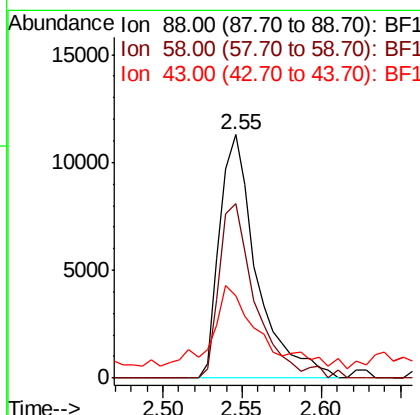
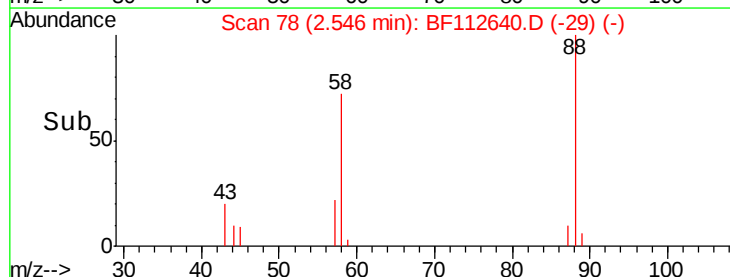
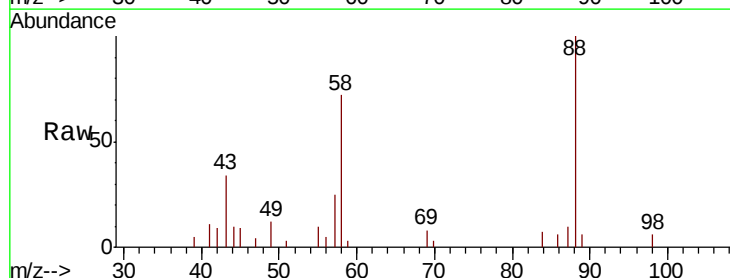
Sohil  
2/21/2019 10:03:37 AM

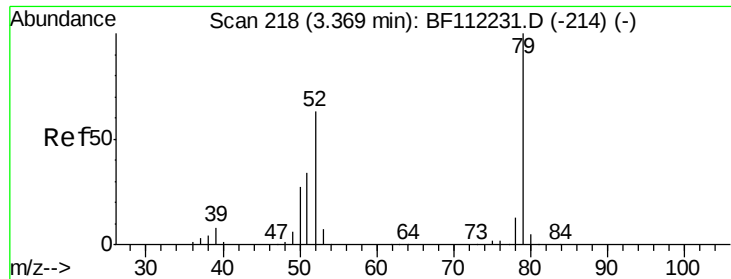


#2

1,4-Dioxane  
Concen: 13.717 ng  
RT: 2.55 min Scan# 78  
Delta R.T. -0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 70.4  | 57.4  | 86.2  |
| 43      | 42.6  | 22.2  | 33.4  |





#3

Pvridine

Concen: 9.016 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.04 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

Instrument :

BNA\_F

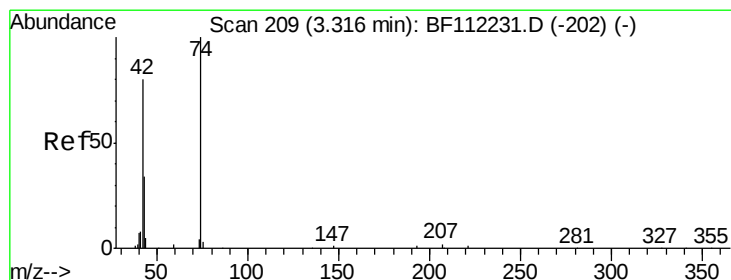
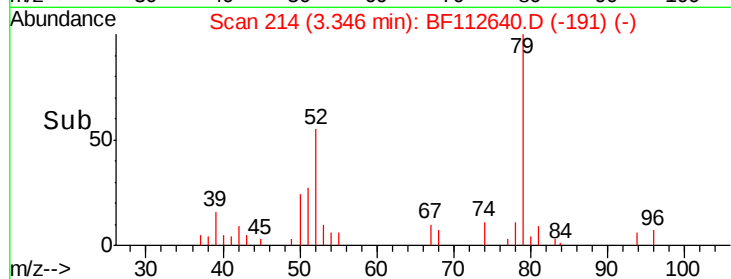
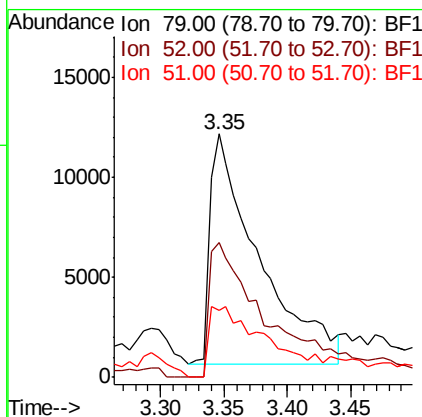
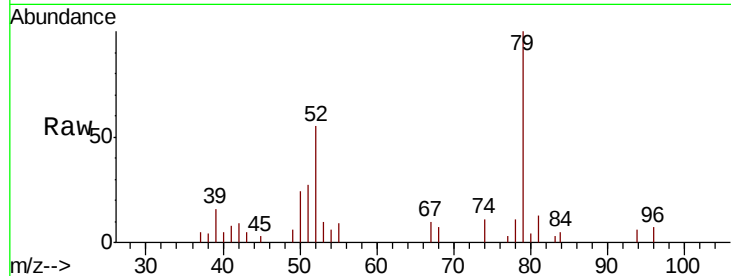
ClientSampled :

MW-1MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 30877 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 55.2  | 52.4  | 78.6  |
| 51        | 27.4  | 26.1  | 39.1  |

Manual Integrations  
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2/21/2019 10:03:37 AM



#4

n-Nitrosodimethylamine

Concen: 17.923 ng

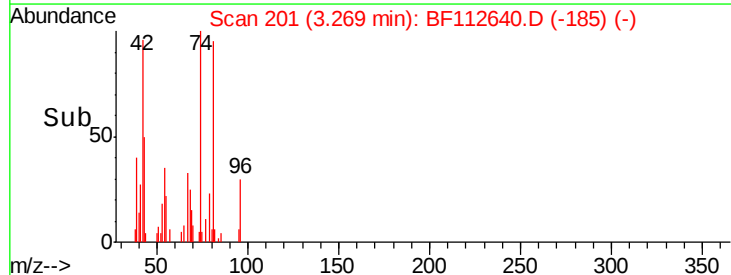
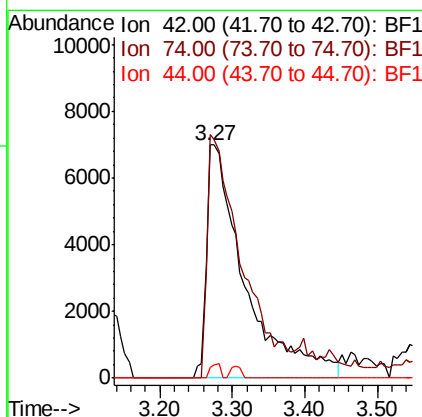
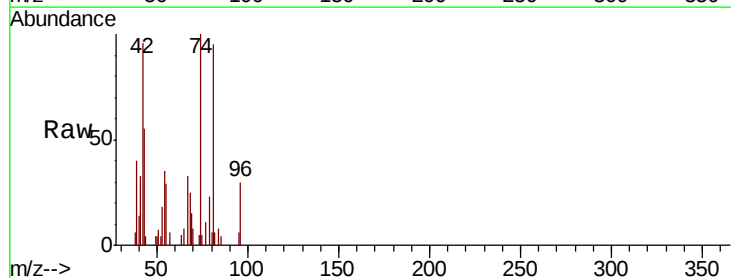
RT: 3.27 min Scan# 201

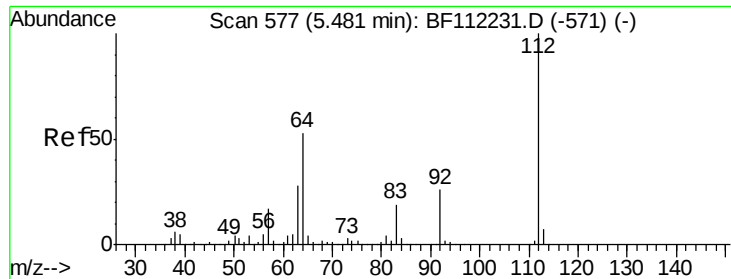
Delta R.T. -0.01 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 25787  |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 104.5 | 105.6 | 158.4# |
| 44        | 4.3   | 5.4   | 8.2#   |





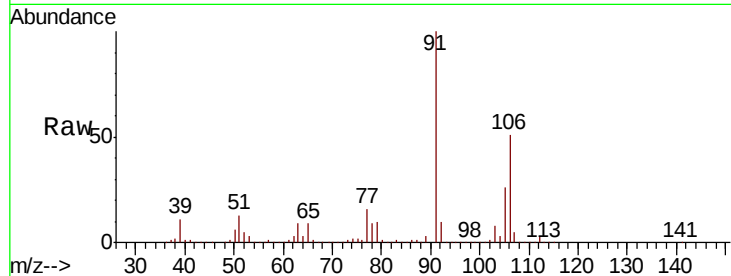
#5  
2-Fluorophenol  
Concen: 33.451 ng  
RT: 5.47 min Scan# 575  
Delta R.T. 0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampled :  
MW-1MS

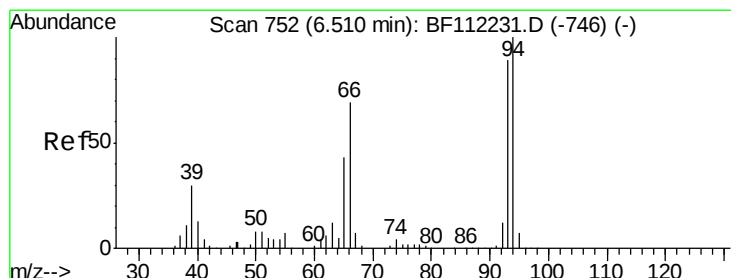
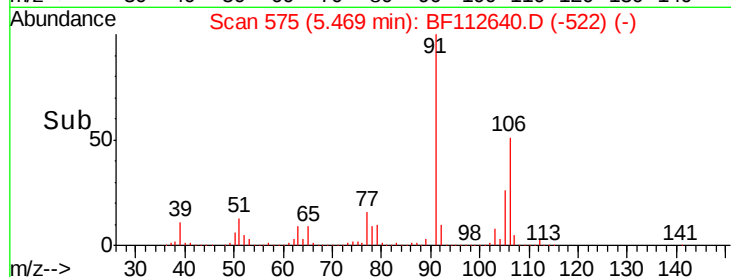
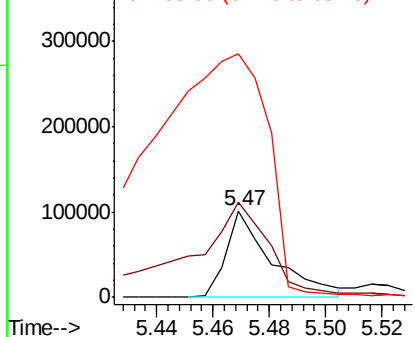
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 112     | 100   |      |       |       |
| 64      | 111.0 | 45.7 | 68.5# |       |
| 63      | 282.6 | 23.6 | 35.4# |       |

Manual Integrations  
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2/21/2019 10:03:37 AM

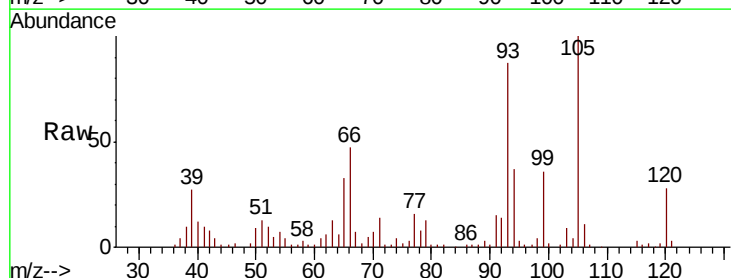


Abundance Ion 112.00 (111.70 to 112.70): BF1  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1

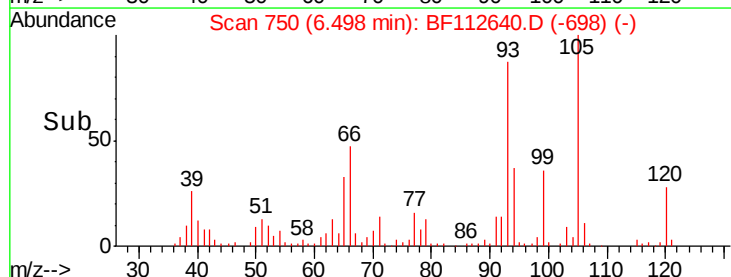
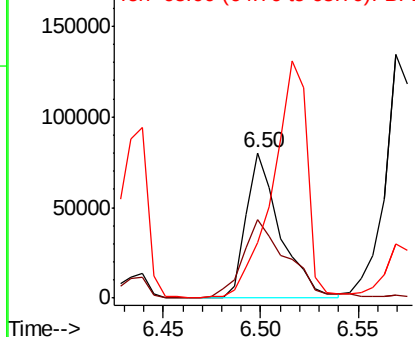


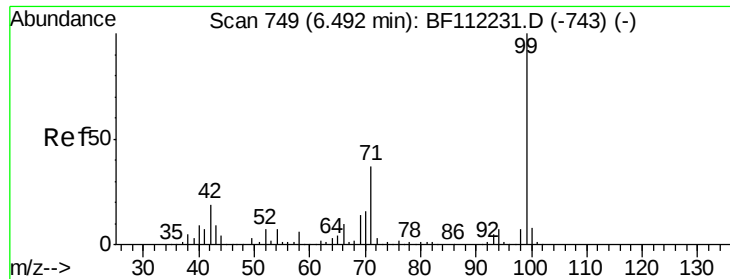
#6  
Aniline  
Concen: 17.372 ng  
RT: 6.50 min Scan# 750  
Delta R.T. 0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 93      | 100   |      |       |       |
| 66      | 54.0  | 43.4 | 65.2  |       |
| 65      | 38.4  | 25.3 | 37.9# |       |



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 30.655 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

Instrument :

BNA\_F

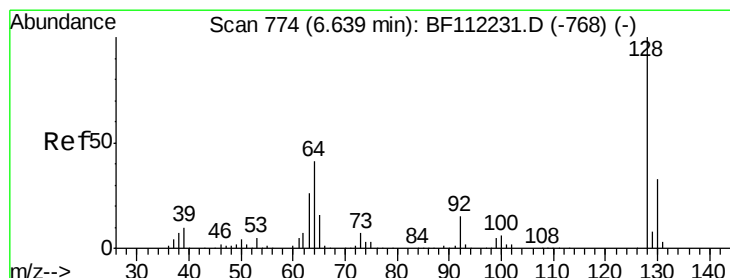
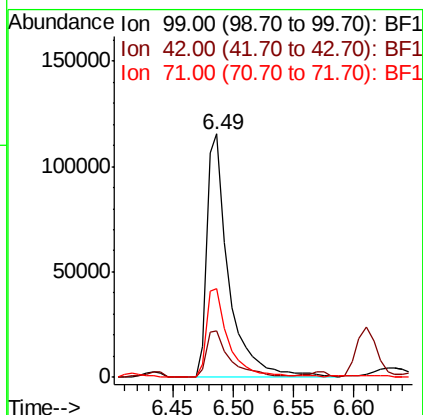
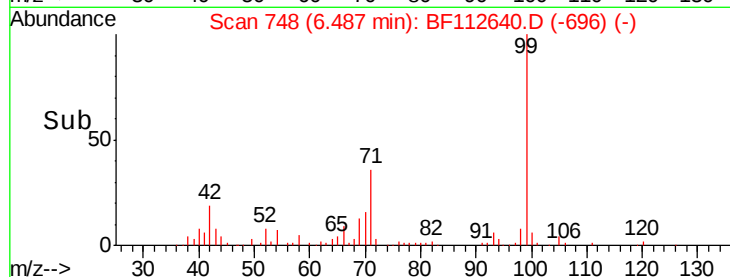
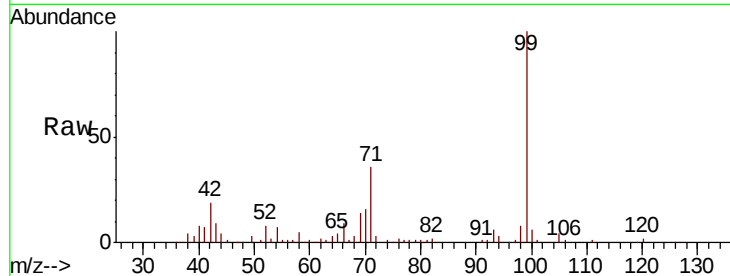
ClientSampleId :

MW-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 143959 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 18.9  | 15.1  | 22.7   |
| 71        | 36.5  | 26.9  | 40.3   |

Manual Integrations  
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2/21/2019 10:03:37 AM



#8

2-Chlorophenol

Concen: 25.501 ng

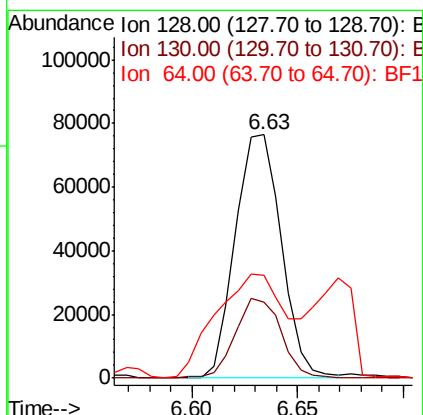
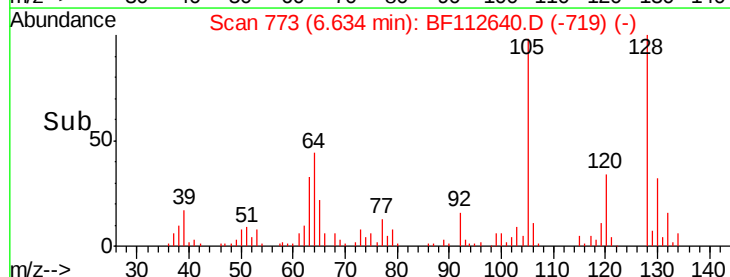
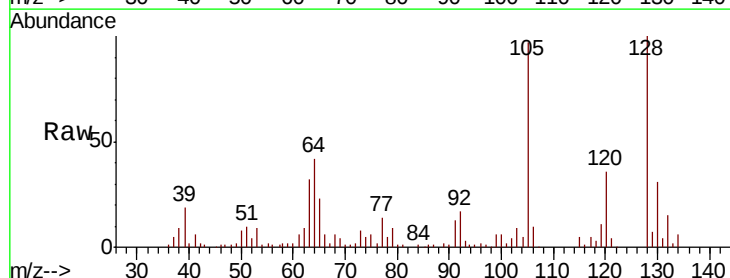
RT: 6.63 min Scan# 773

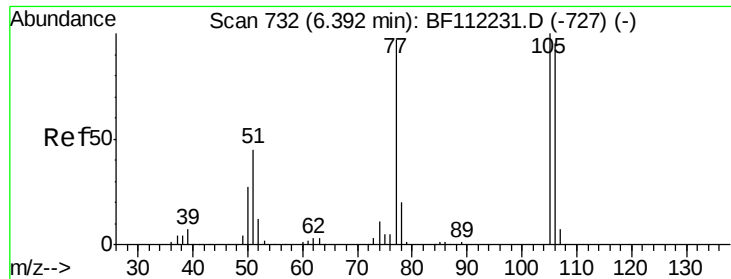
Delta R.T. 0.02 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 115937 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 31.0  | 13.4  | 53.4   |
| 64        | 42.4  | 20.5  | 60.5   |





#9

Benzaldehyde

Concen: 144.098 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

Instrument :

BNA\_F

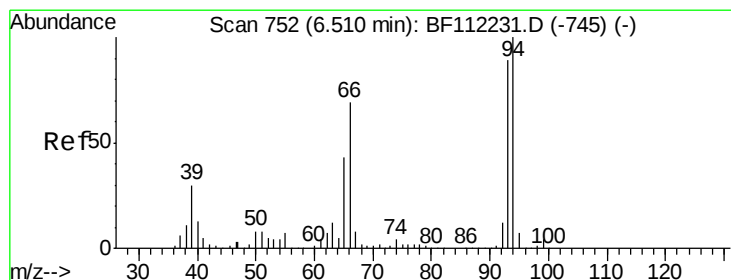
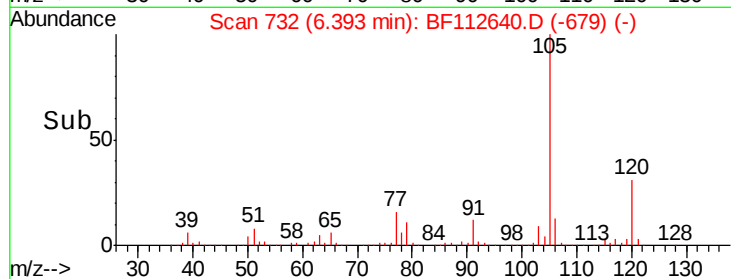
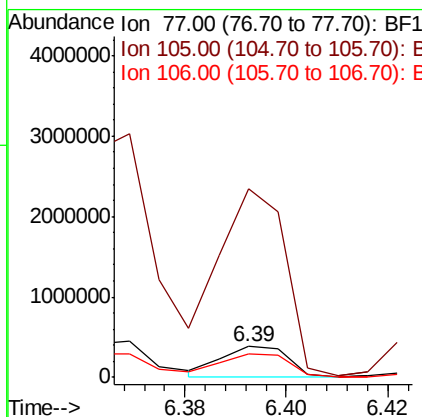
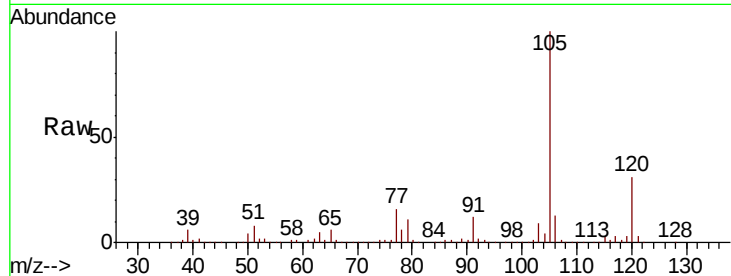
ClientSampled :

MW-1MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 353693 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 606.5 | 80.8  | 120.8# |
| 106      | 77.6  | 75.7  | 115.7  |

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#10

Phenol

Concen: 9.707 ng

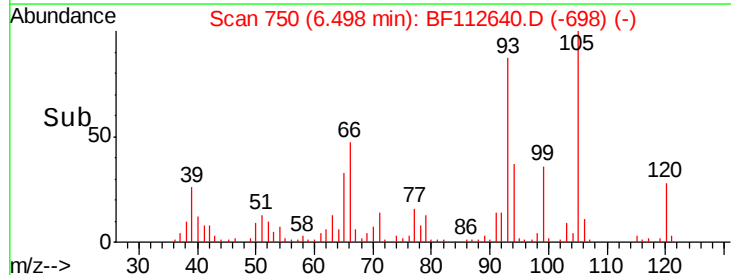
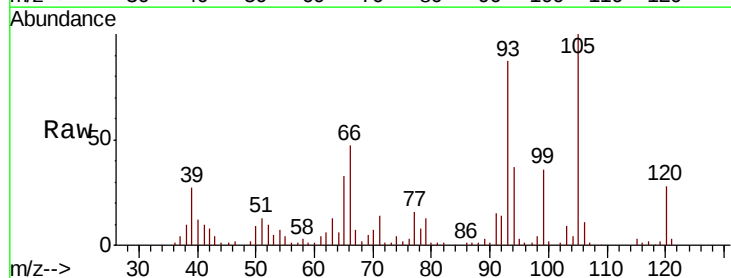
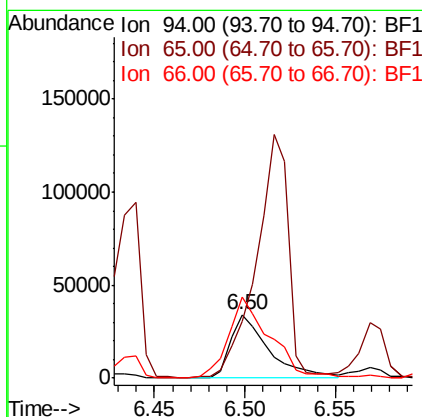
RT: 6.50 min Scan# 750

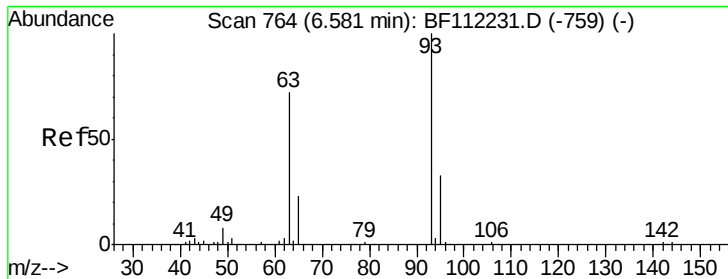
Delta R.T. 0.01 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 50012 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 90.5  | 20.3  | 60.3# |
| 66       | 127.5 | 42.4  | 82.4# |





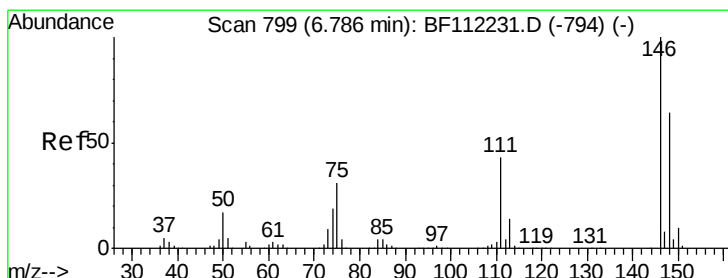
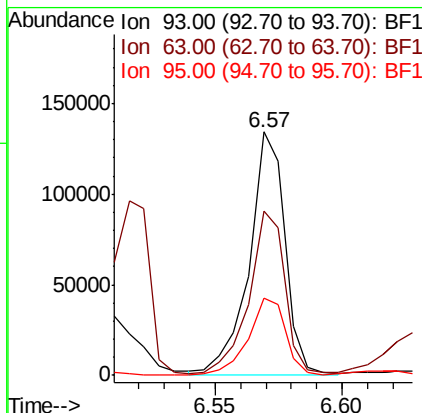
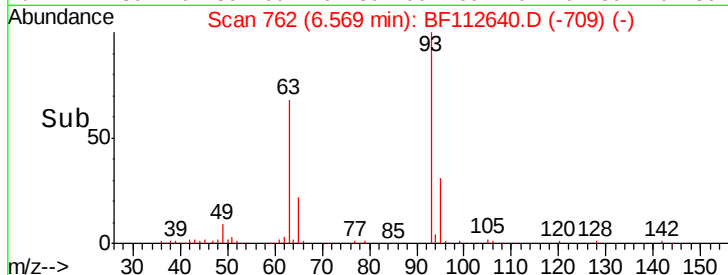
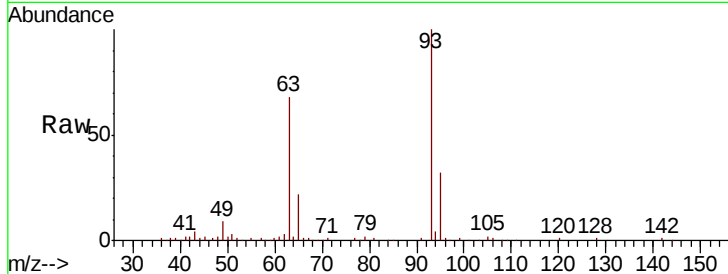
#11  
bis(2-Chloroethyl)ether  
Concen: 32.703 ng  
RT: 6.57 min Scan# 762  
Delta R.T. 0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampled :  
MW-1MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 132650 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 67.6  | 53.3  | 93.3   |
| 95       | 31.5  | 13.4  | 53.4   |

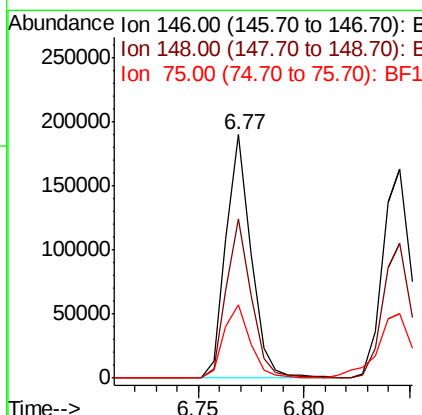
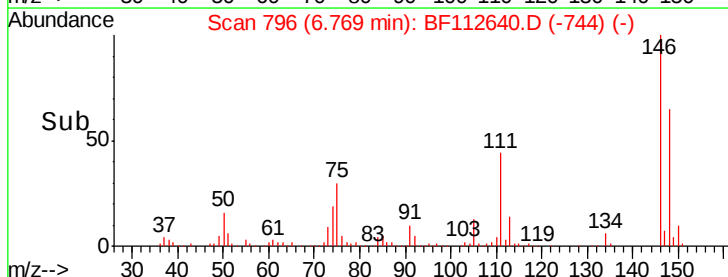
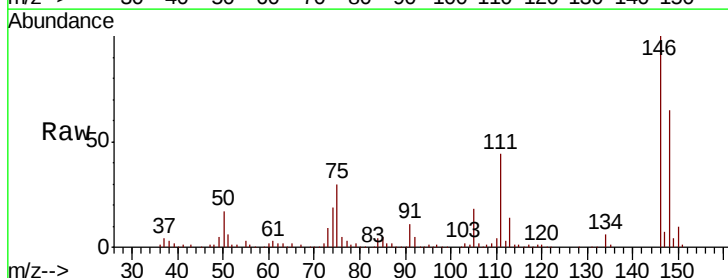
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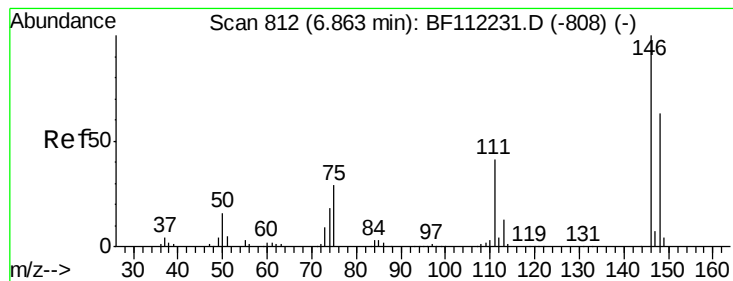
Sohil  
2/21/2019 10:03:37 AM



#12  
1,3-Dichlorobenzene  
Concen: 29.746 ng  
RT: 6.77 min Scan# 796  
Delta R.T. 0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 157495 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 65.2  | 51.8  | 77.8   |
| 75       | 30.2  | 23.1  | 34.7   |





#13

1,4-Dichlorobenzene

Concen: 29.633 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

Instrument :

BNA\_F

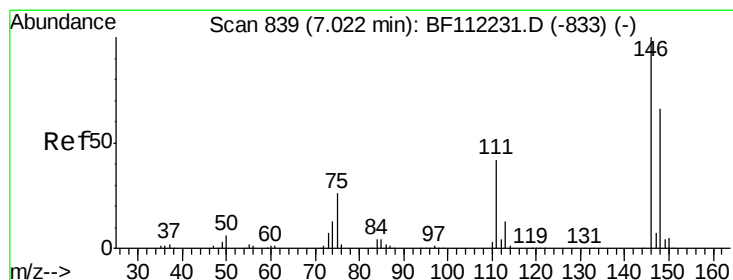
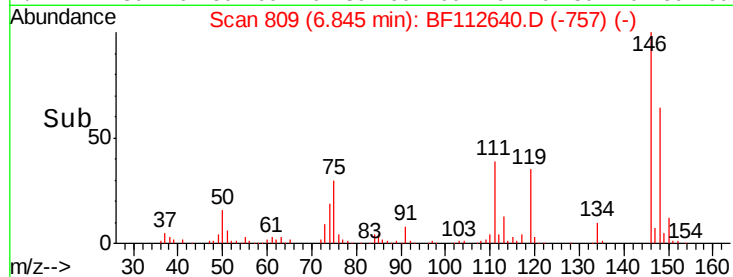
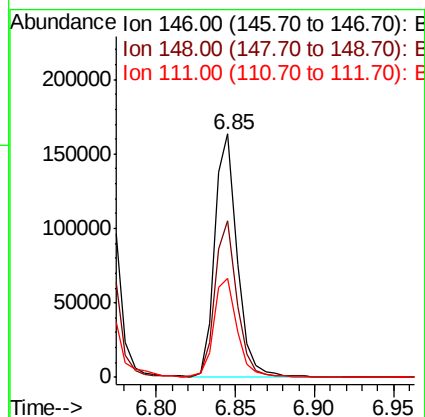
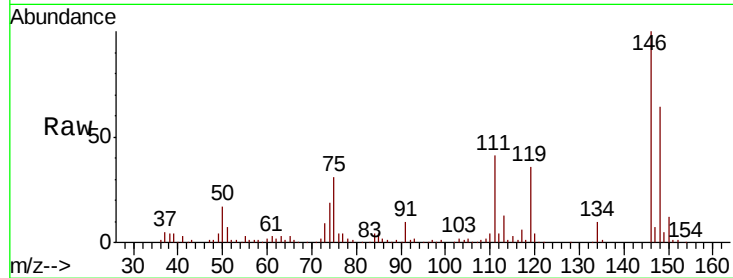
ClientSampled :

MW-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 161472 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.5  | 52.0  | 78.0   |
| 111       | 40.7  | 31.2  | 46.8   |

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#14

1,2-Dichlorobenzene

Concen: 27.815 ng

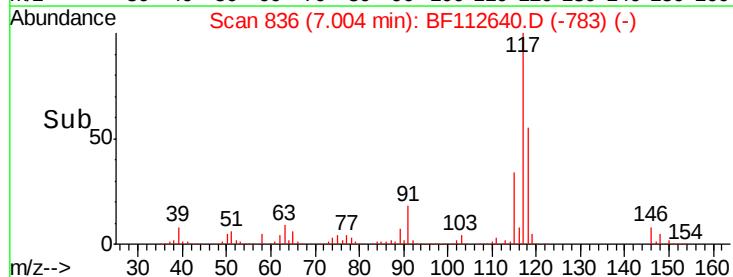
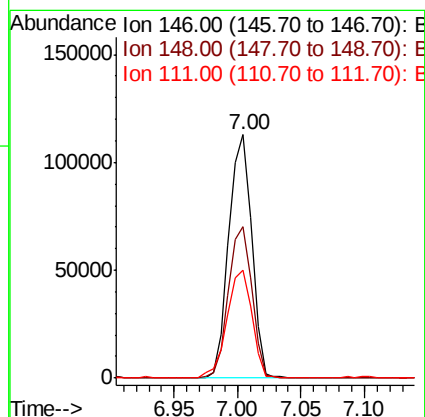
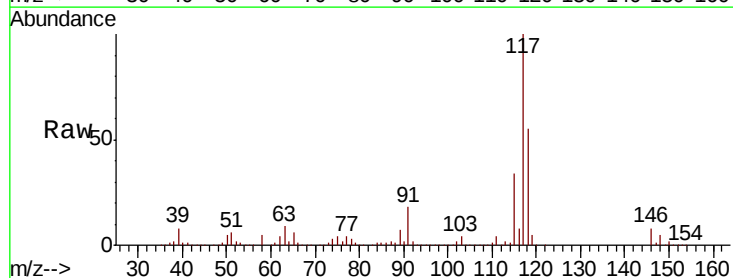
RT: 7.00 min Scan# 836

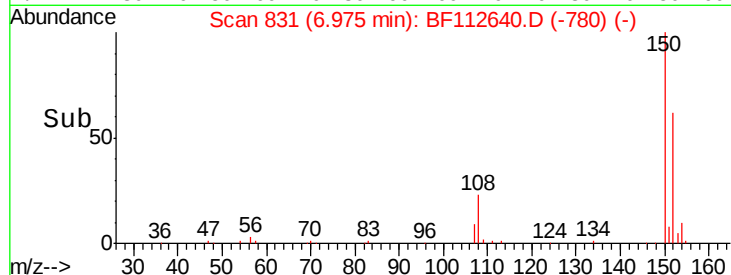
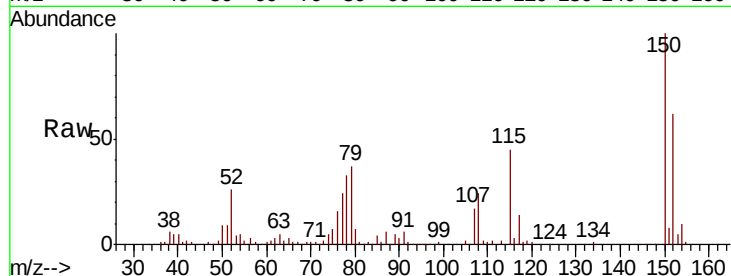
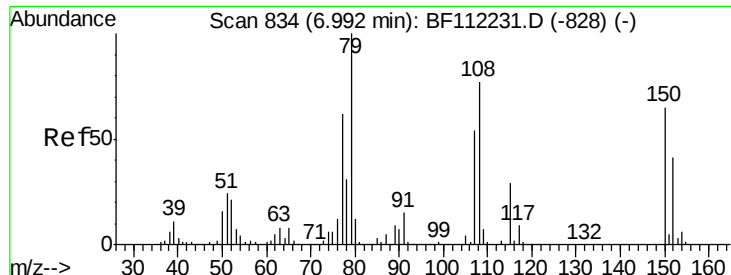
Delta R.T. 0.01 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 141908 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.2  | 52.2  | 78.4   |
| 111       | 44.4  | 31.2  | 46.8   |





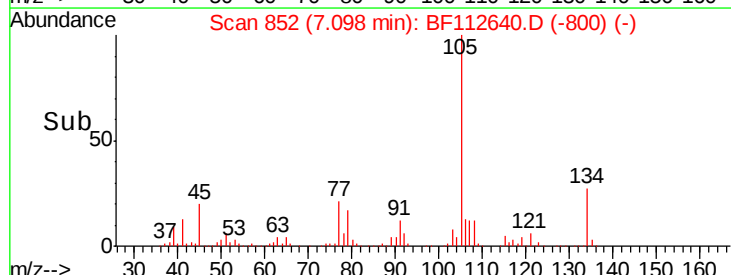
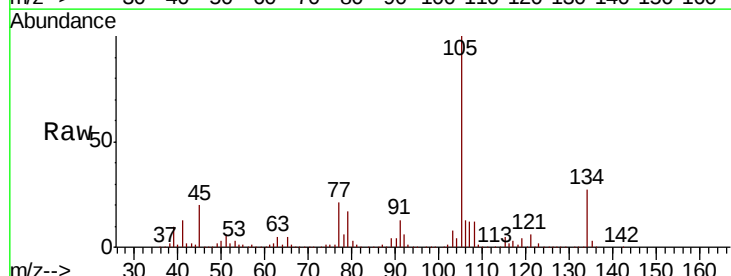
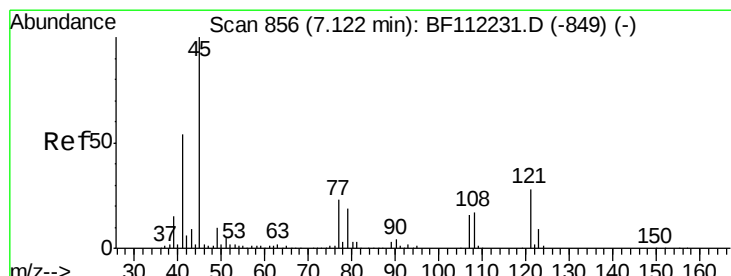
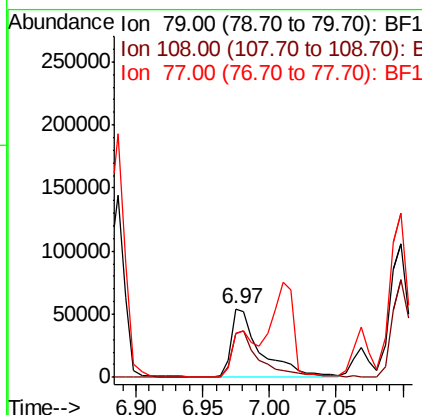
#15  
Benzyl Alcohol  
Concen: 21.639 ng  
RT: 6.97 min Scan# 831  
Delta R.T. 0.00 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 64.5  | 64.2  | 96.2  |
| 77      | 64.5  | 50.3  | 75.5  |

Instrument :  
BNA\_F  
ClientSampled :  
MW-1MS

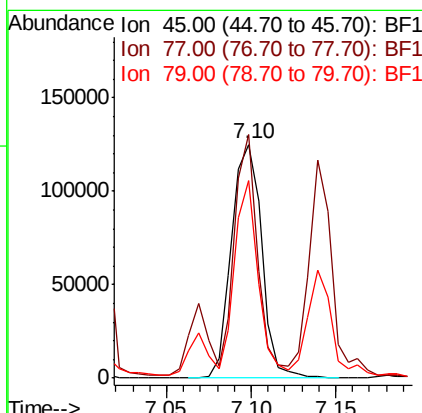
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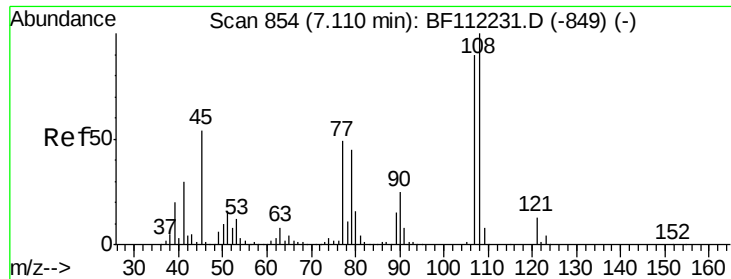
Sohil  
2/21/2019 10:03:37 AM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 29.993 ng  
RT: 7.10 min Scan# 852  
Delta R.T. 0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 104.2 | 0.0   | 36.9# |
| 79      | 84.7  | 0.0   | 34.0# |





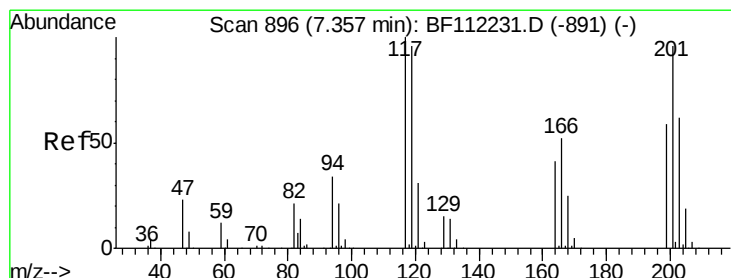
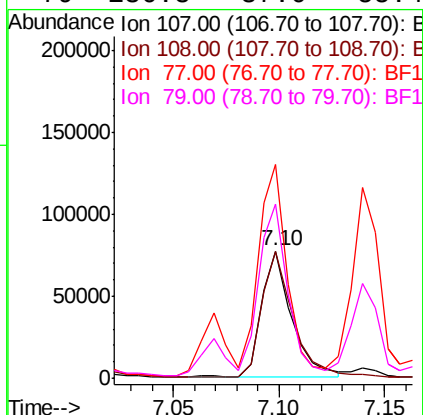
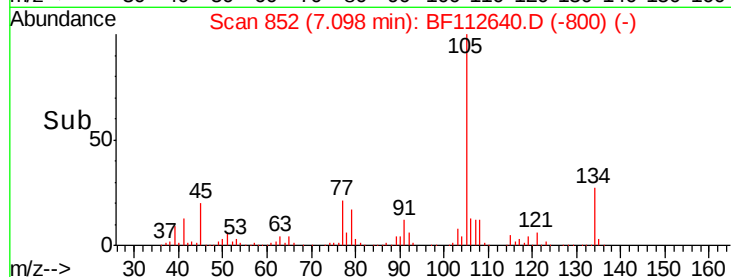
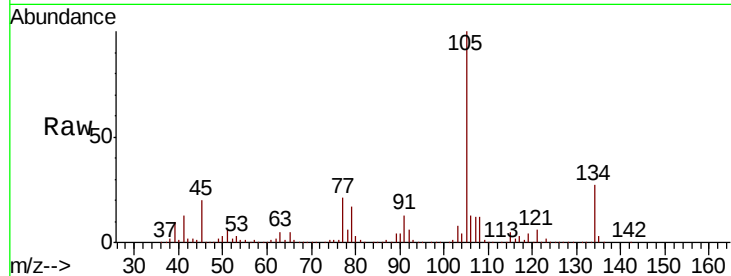
#17  
2-Methylphenol  
Concen: 21.384 ng  
RT: 7.10 min Scan# 852  
Delta R.T. 0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 107   | Resp: | 77070 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 99.5  | 91.3  | 136.9 |
| 77        | 168.4 | 39.0  | 58.6# |
| 79        | 136.8 | 37.0  | 55.4# |

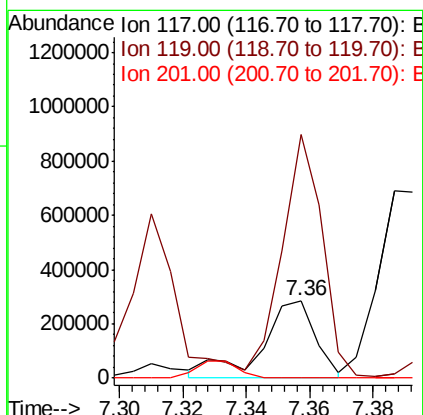
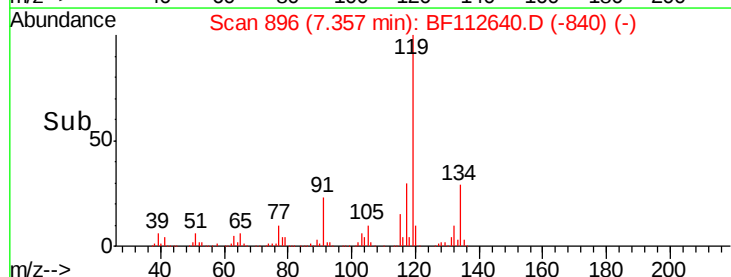
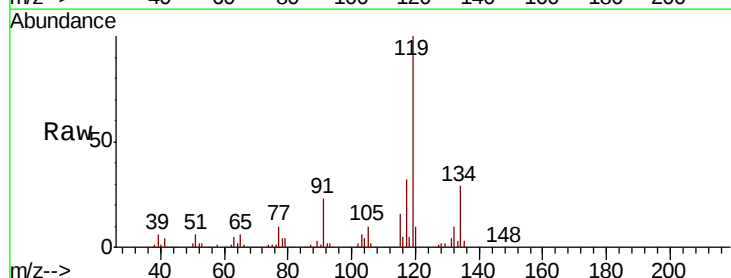
Manual Integrations  
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#18  
Hexachloroethane  
Concen: 176.235 ng  
RT: 7.36 min Scan# 896  
Delta R.T. 0.03 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 337226 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 315.0 | 77.0  | 115.4# |
| 201       | 0.0   | 74.1  | 111.1# |





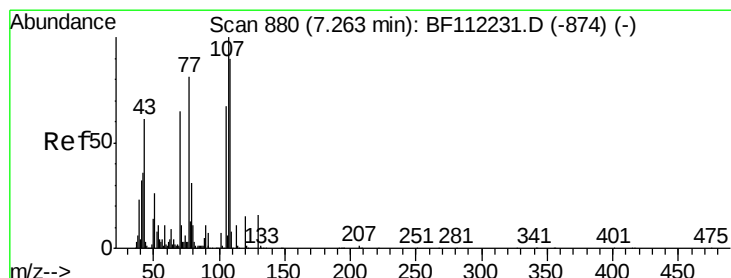
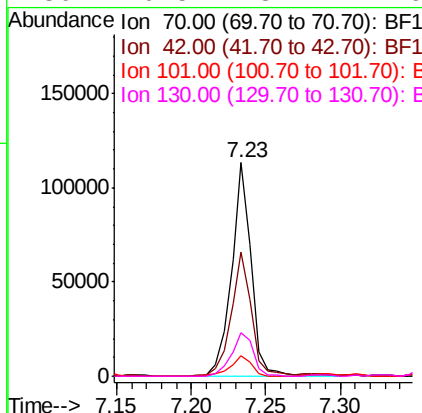
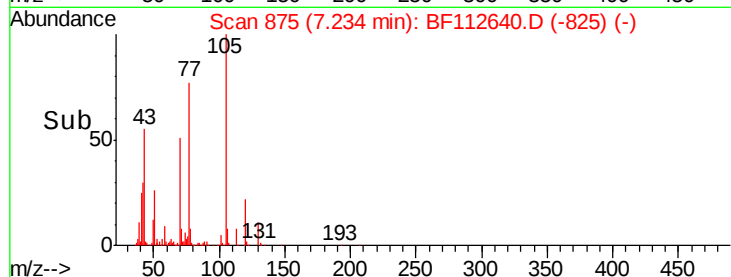
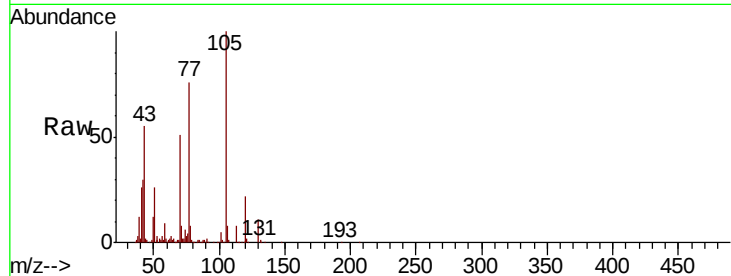
#19  
n-Nitroso-di-n-propylamine  
Concen: 32.754 ng  
RT: 7.23 min Scan# 875  
Delta R.T. -0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 58.2  | 47.6  | 71.4  |
| 101     | 9.8   | 7.9   | 11.9  |
| 130     | 20.5  | 18.4  | 27.6  |

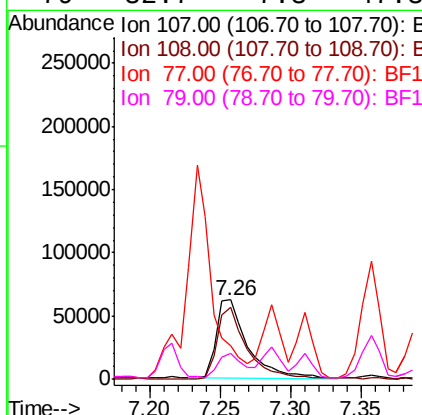
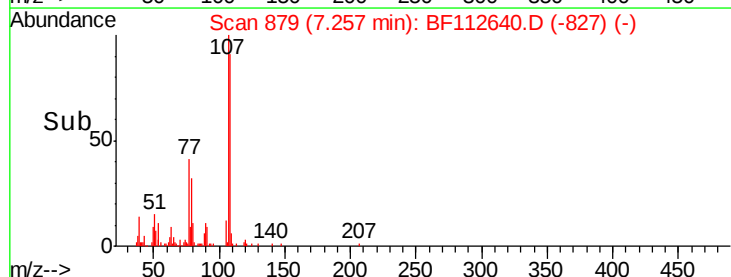
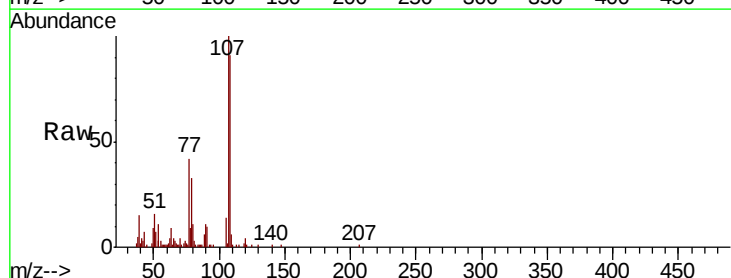
Manual Integrations  
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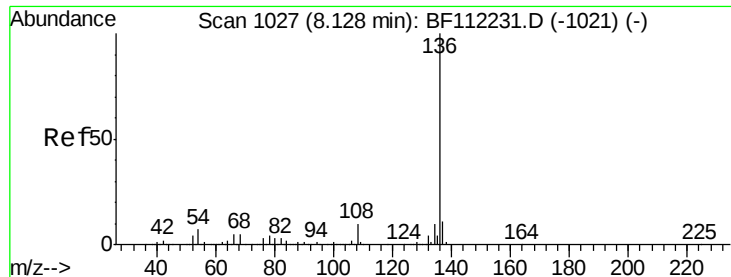
Sohil  
2/21/2019 10:03:37 AM



#20  
3+4-Methylphenols  
Concen: 20.929 ng  
RT: 7.26 min Scan# 879  
Delta R.T. 0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 91.5  | 68.2  | 108.2  |
| 77      | 41.7  | 100.7 | 140.7# |
| 79      | 32.7  | 7.3   | 47.3   |





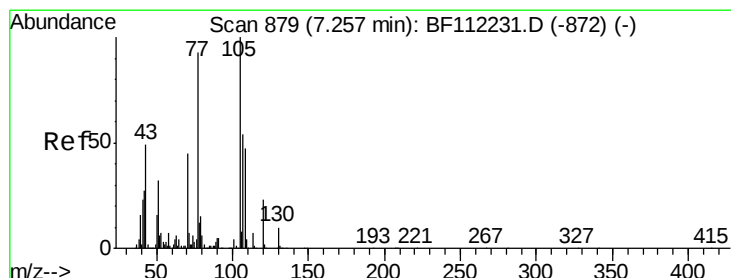
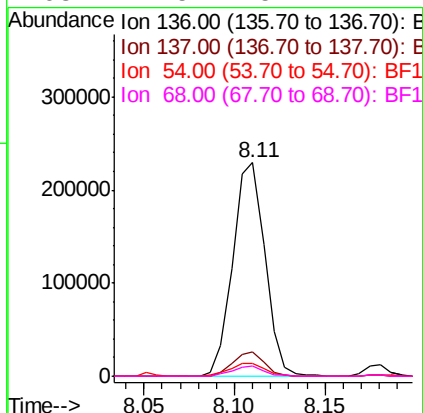
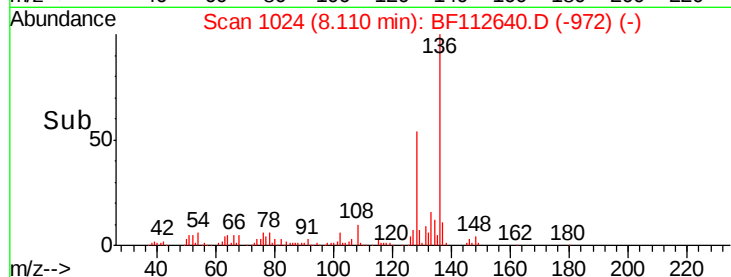
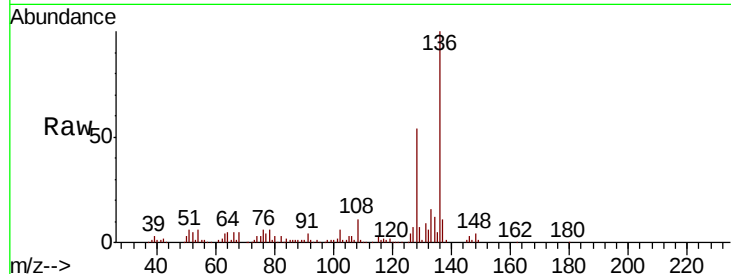
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.11 min Scan# 1024  
Delta R.T. 0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.2  | 9.1  | 13.7  |       |
| 54      | 6.0   | 5.9  | 8.9   |       |
| 68      | 4.5   | 5.1  | 7.7#  |       |

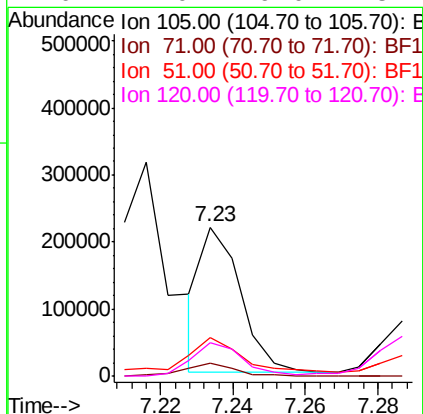
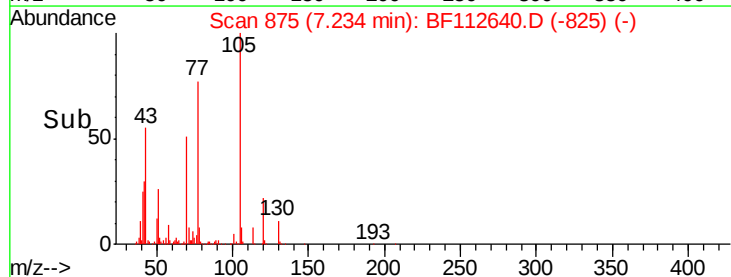
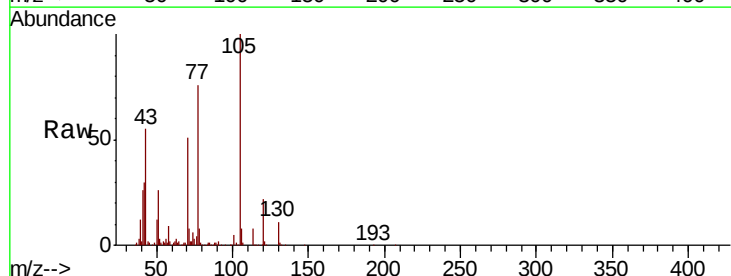
Manual Integrations  
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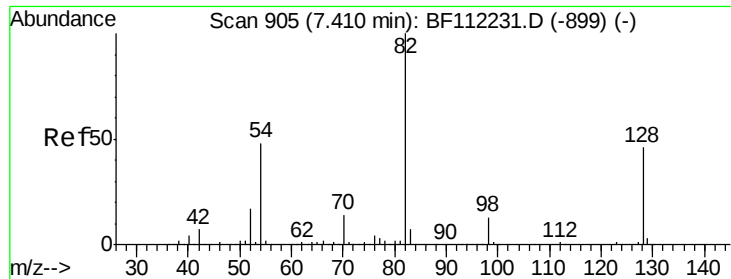
Sohil  
2/21/2019 10:03:37 AM



#22  
Acetophenone  
Concen: 23.635 ng  
RT: 7.23 min Scan# 875  
Delta R.T. -0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 8.5   | 4.6  | 6.8#  |       |
| 51      | 25.9  | 25.0 | 37.6  |       |
| 120     | 22.0  | 19.0 | 28.4  |       |





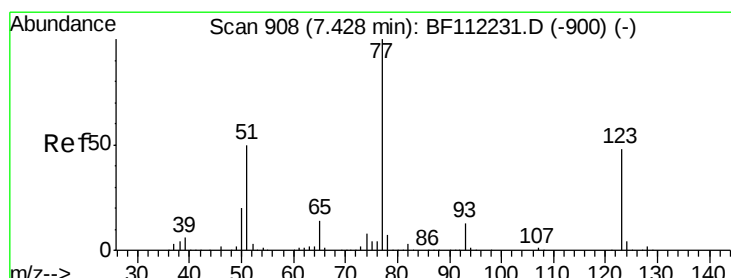
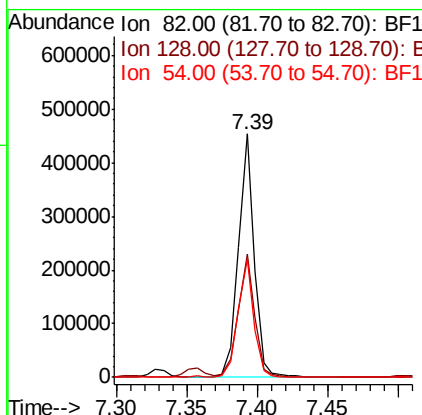
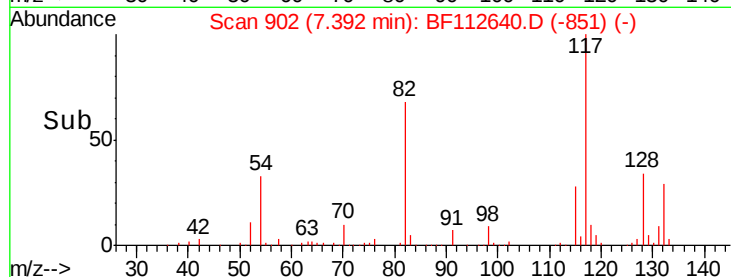
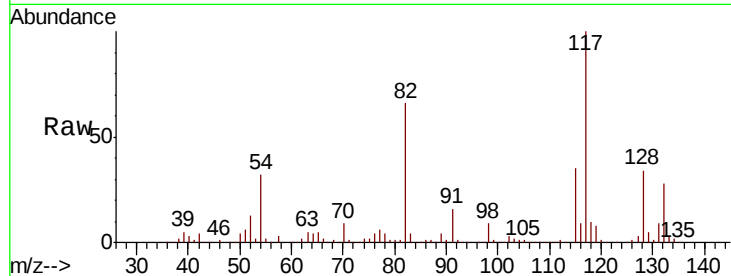
#23  
 Nitrobenzene-d5  
 Concen: 72.210 ng  
 RT: 7.39 min Scan# 902  
 Delta R.T. 0.00 min  
 Lab File: BF112640.D  
 Acq: 20 Feb 2019 14:25

Instrument :  
 BNA\_F  
 ClientSampled :  
 MW-1MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 355689 |       |       |
| 128     | 50.5  |        | 37.8  | 56.8  |
| 54      | 48.8  |        | 39.7  | 59.5  |

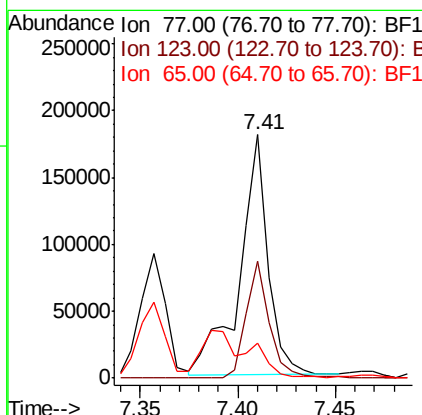
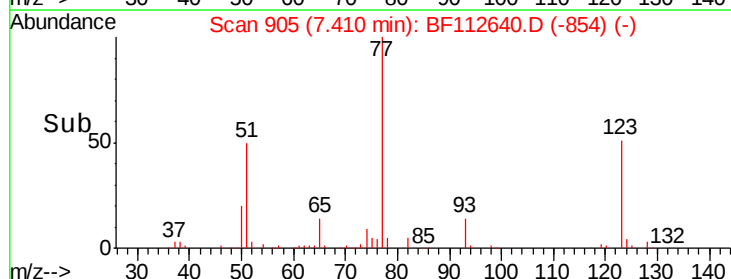
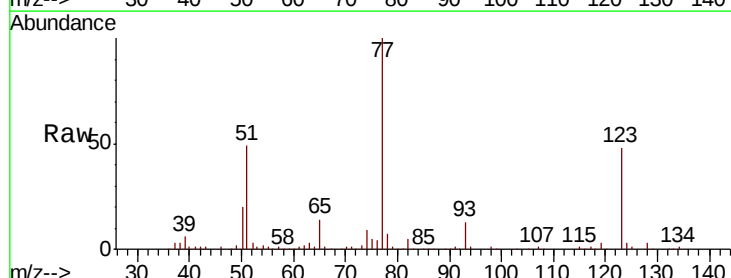
Manual Integrations  
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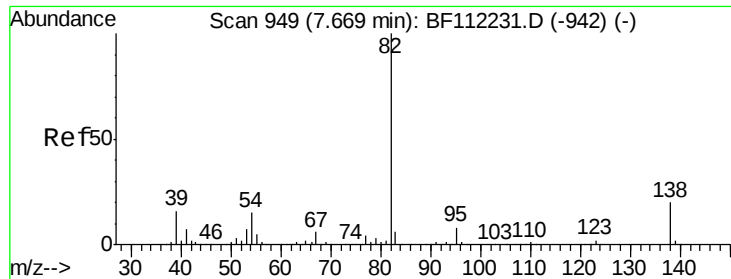
Sohil  
 2/21/2019 10:03:37 AM



#24  
 Nitrobenzene  
 Concen: 37.027 ng  
 RT: 7.41 min Scan# 905  
 Delta R.T. 0.00 min  
 Lab File: BF112640.D  
 Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 182154 |       |       |
| 123     | 48.0  |        | 38.4  | 57.6  |
| 65      | 14.2  |        | 10.6  | 15.8  |





#25

Isophorone

Concen: 35.354 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

Instrument :

BNA\_F

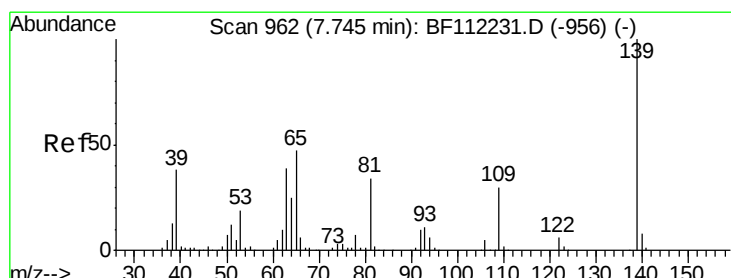
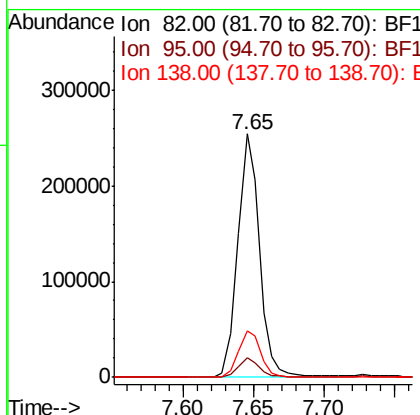
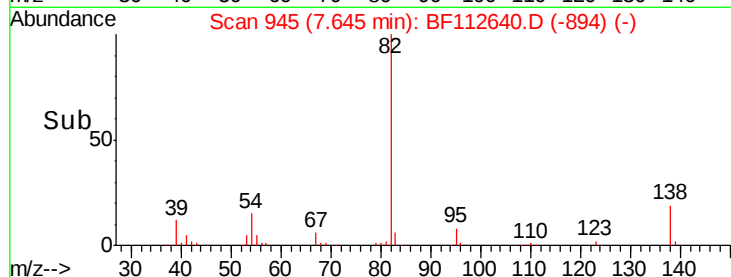
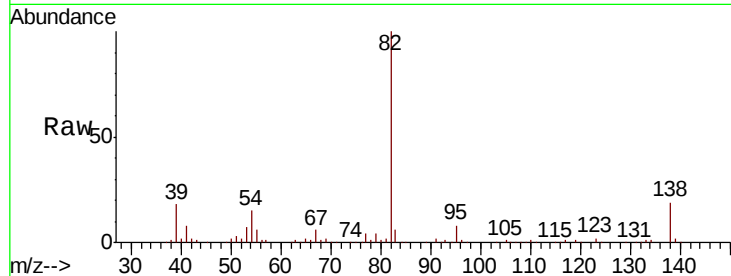
ClientSampleId :

MW-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 273198 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.8   | 5.7   | 8.5    |
| 138       | 19.2  | 15.4  | 23.0   |

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#26

2-Nitrophenol

Concen: 29.681 ng

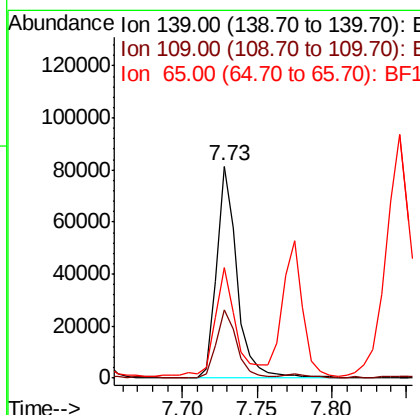
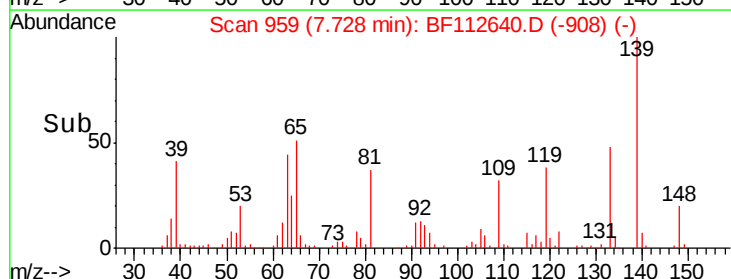
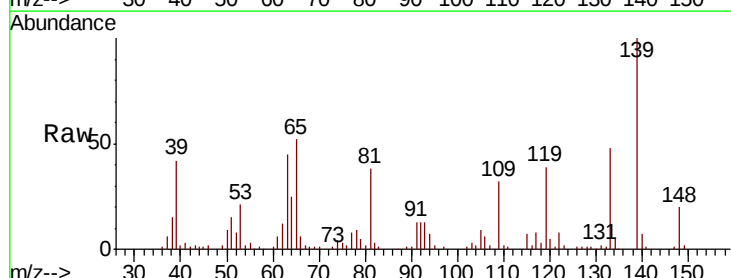
RT: 7.73 min Scan# 959

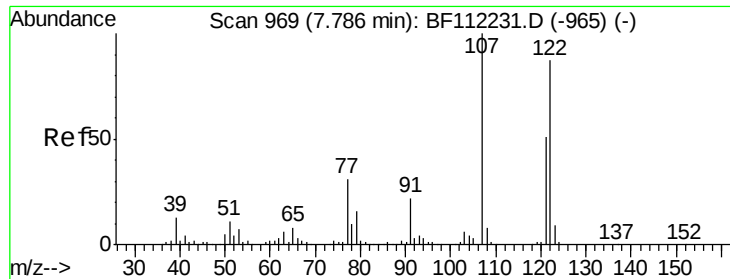
Delta R.T. 0.00 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 78032 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 32.2  | 20.8  | 31.2# |
| 65        | 52.4  | 34.4  | 51.6# |





#27

2,4-Dimethylphenol

Concen: 29.726 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

Instrument :

BNA\_F

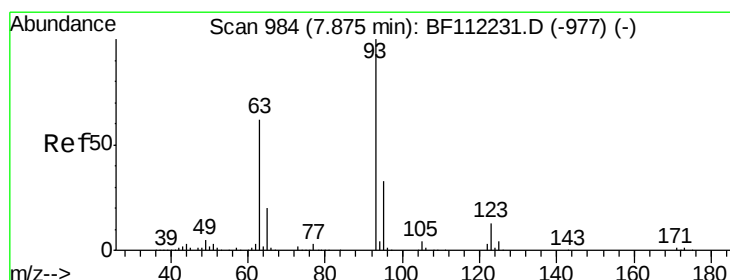
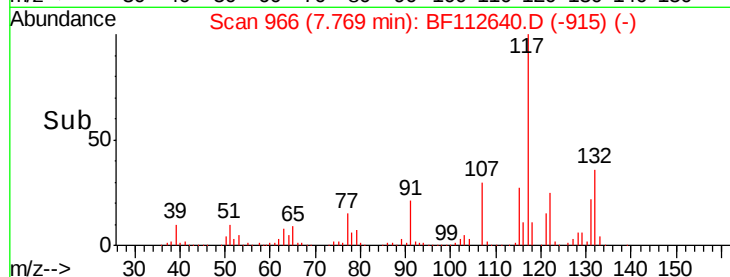
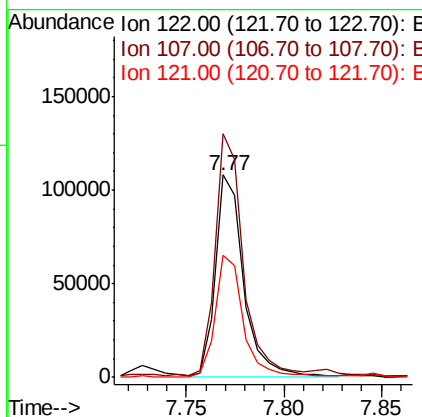
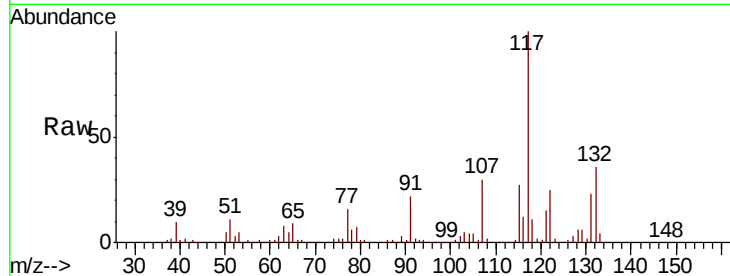
ClientSampled :

MW-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 107671 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 120.4 | 85.4  | 128.0  |
| 121       | 60.2  | 47.0  | 70.4   |

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#28

bis(2-Chloroethoxy)methane

Concen: 32.374 ng

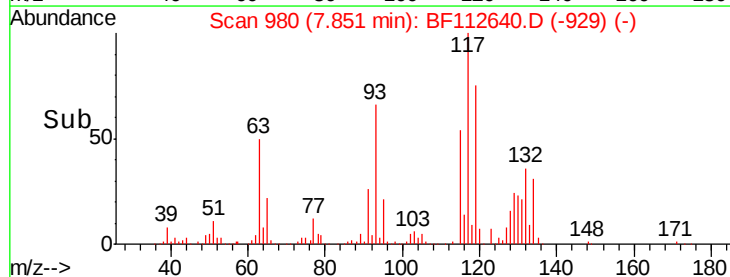
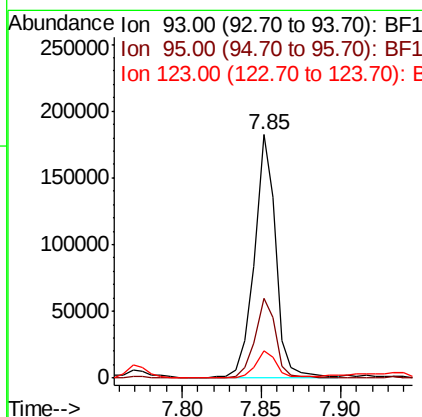
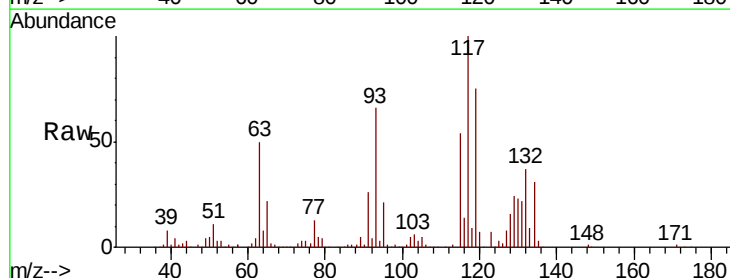
RT: 7.85 min Scan# 980

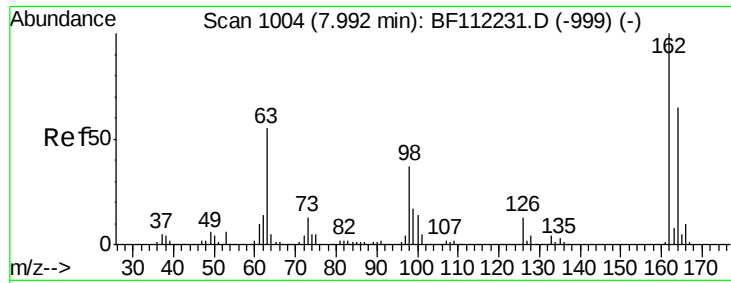
Delta R.T. 0.00 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 170344 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.6  | 26.8  | 40.2   |
| 123       | 11.0  | 10.2  | 15.2   |





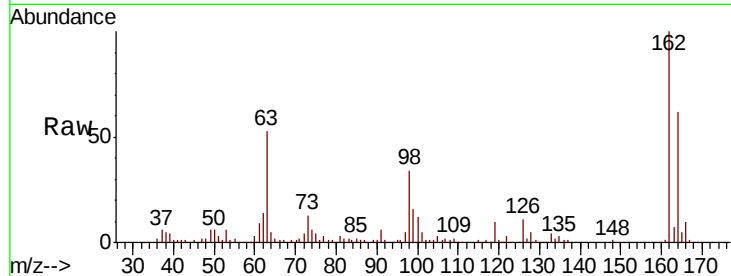
#29  
2,4-Dichlorophenol  
Concen: 29.007 ng  
RT: 7.99 min Scan# 1003  
Delta R.T. 0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 117580 |       |       |
| 164     | 61.6  |        | 44.6  | 84.6  |
| 98      | 34.2  |        | 14.6  | 54.6  |

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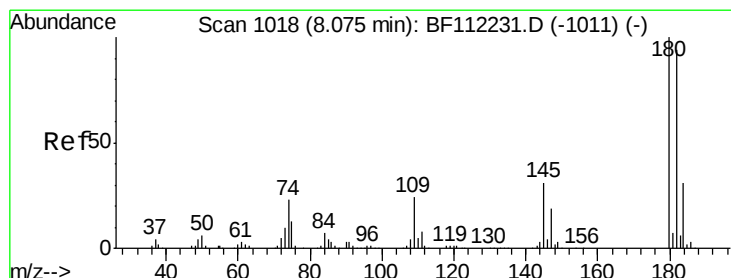
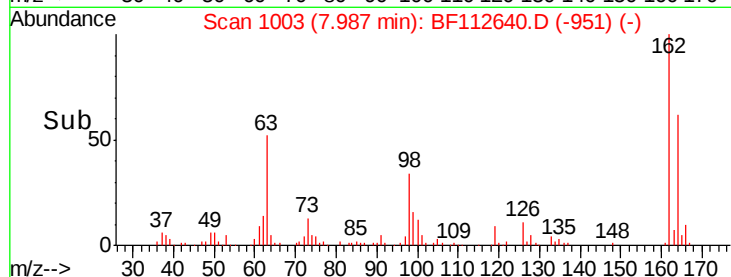
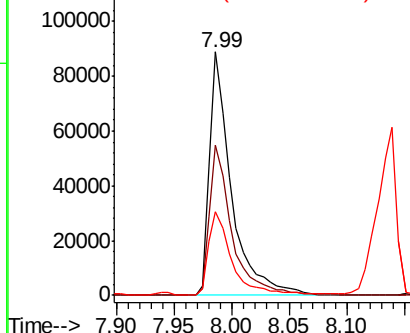


Abundance

Ion 162.00 (161.70 to 162.70): E

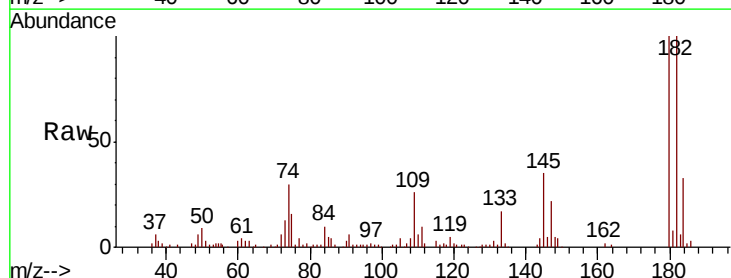
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
1,2,4-Trichlorobenzene  
Concen: 29.862 ng  
RT: 8.05 min Scan# 1014  
Delta R.T. 0.00 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 139138 |       |       |
| 182     | 100.4 |        | 76.4  | 114.6 |
| 145     | 34.8  |        | 25.0  | 37.4  |

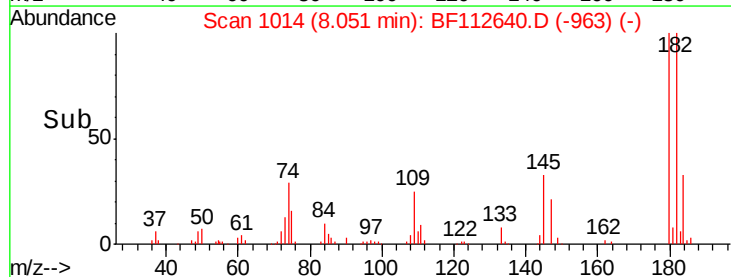
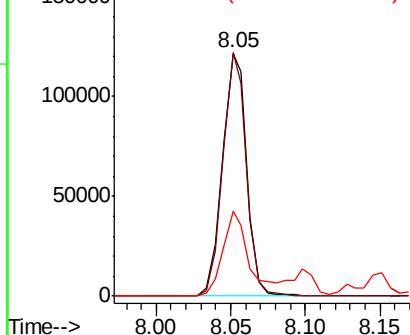


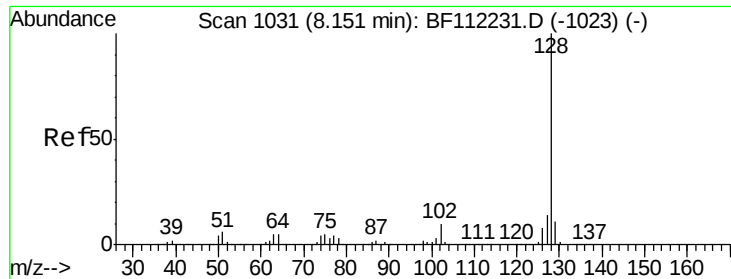
Abundance

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





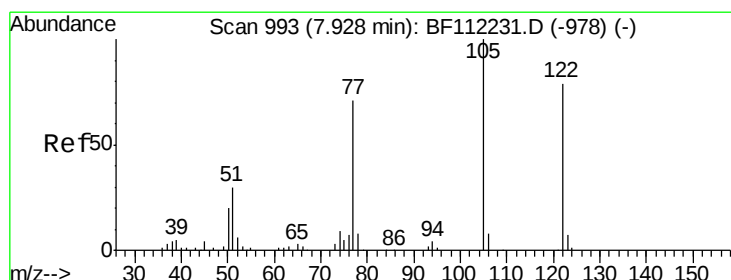
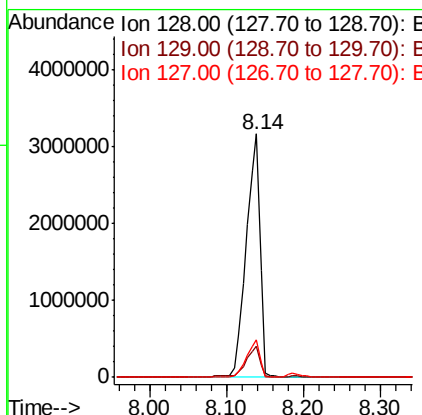
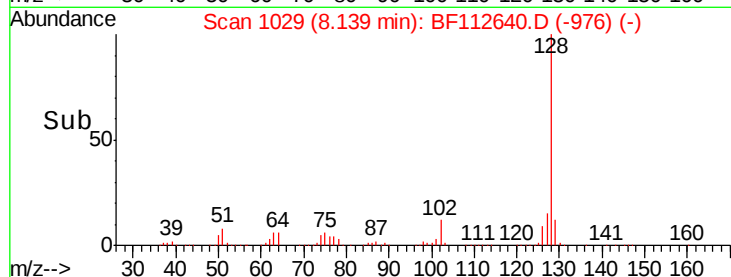
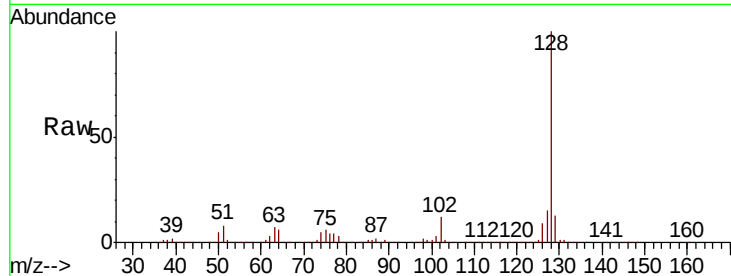
#31  
Naphthalene  
Concen: 301.622 ng  
RT: 8.14 min Scan# 1029  
Delta R.T. 0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 12.6  | 9.6   | 14.4  |
| 127     | 15.4  | 11.1  | 16.7  |

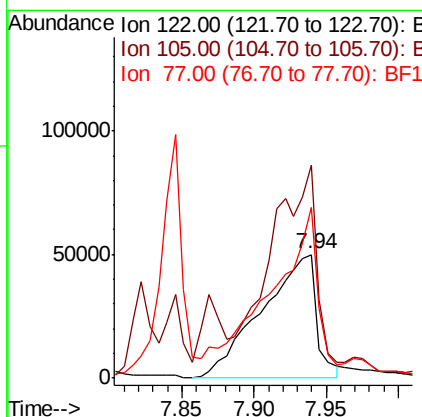
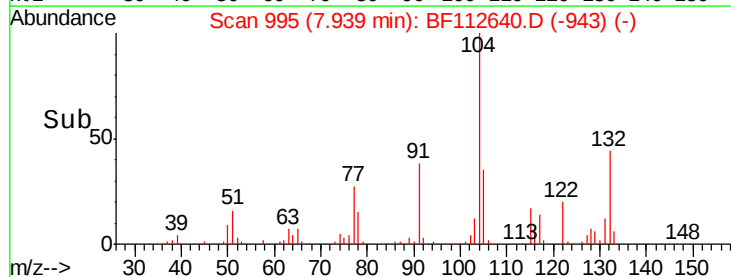
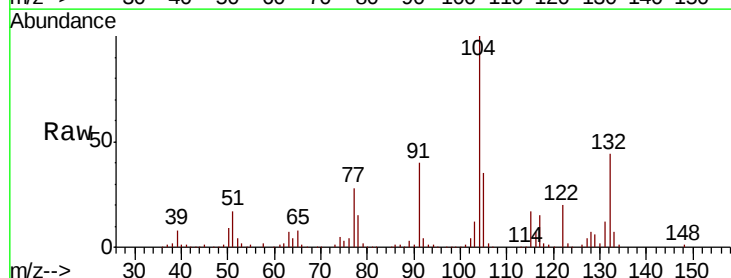
Manual Integrations  
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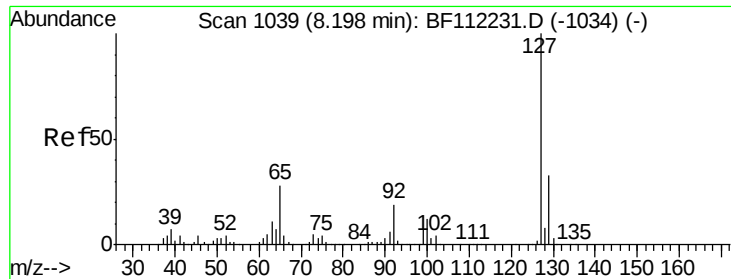
Sohil  
2/21/2019 10:03:37 AM



#32  
Benzoic acid  
Concen: 64.004 ng m  
RT: 7.94 min Scan# 995  
Delta R.T. 0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 171.8 | 101.2 | 141.2# |
| 77      | 138.3 | 70.4  | 110.4# |





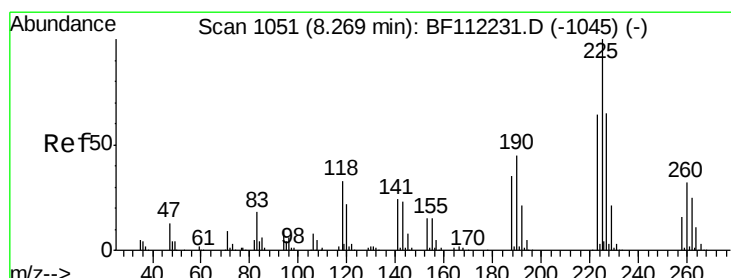
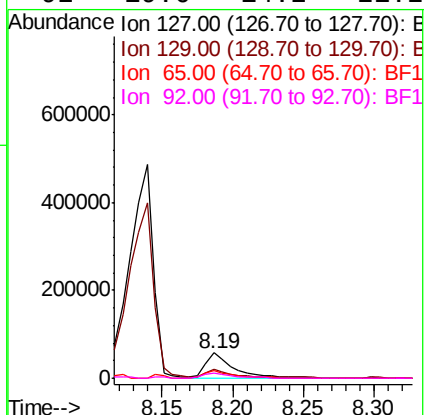
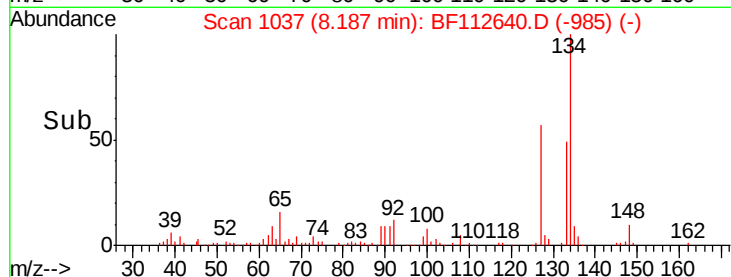
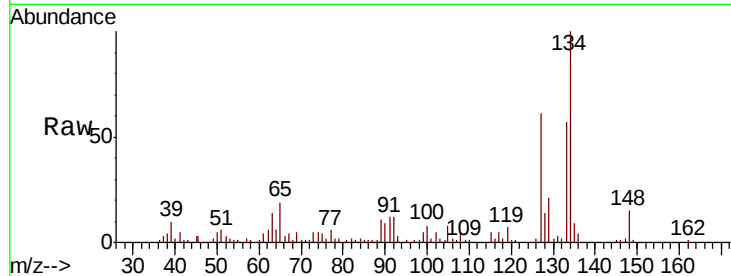
#33  
4-Chloroaniline  
Concen: 13.135 ng  
RT: 8.19 min Scan# 1037  
Delta R.T. 0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1MS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 33.6 | 26.6  | 39.8 |       |       |
| 65      | 30.6 | 21.4  | 32.2 |       |       |
| 92      | 19.6 | 14.2  | 21.2 |       |       |

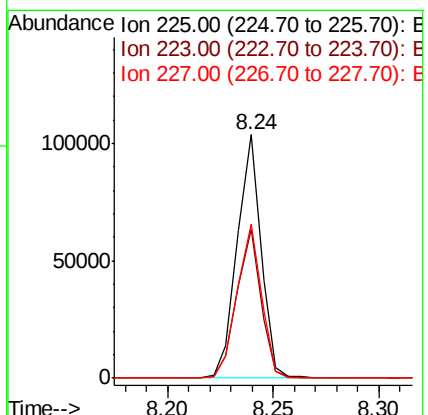
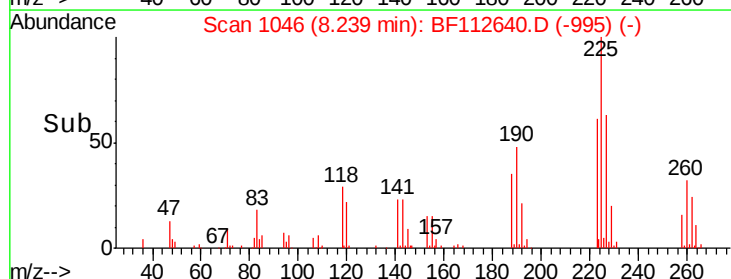
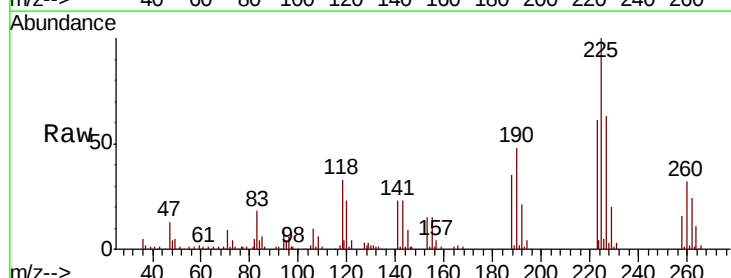
Manual Integrations  
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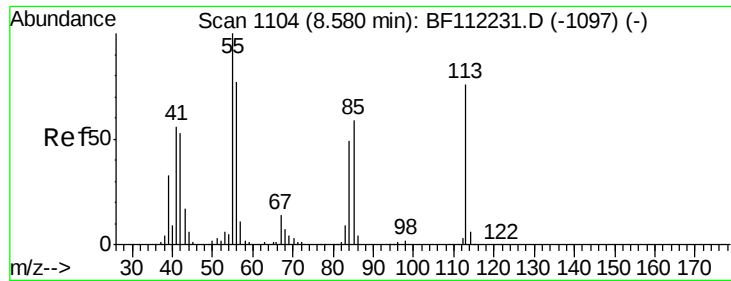
Sohil  
2/21/2019 10:03:37 AM



#34  
Hexachlorobutadiene  
Concen: 29.740 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. 0.00 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 61.2 | 50.3  | 75.5 |       |       |
| 227     | 63.5 | 51.8  | 77.8 |       |       |





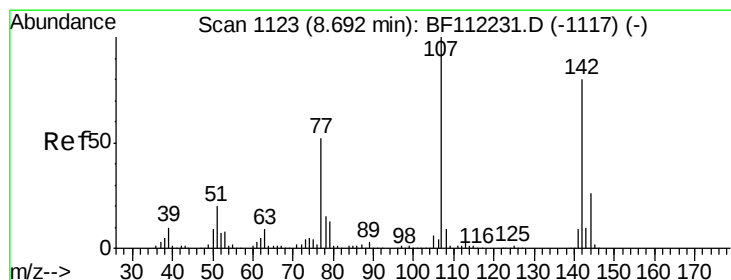
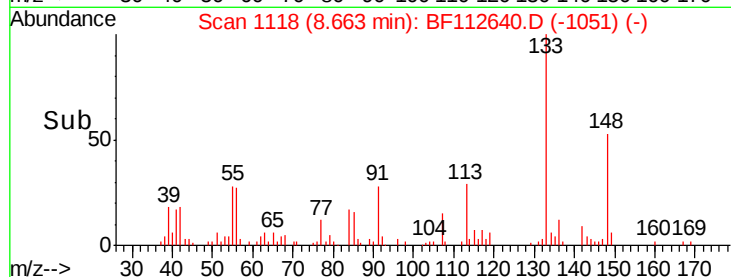
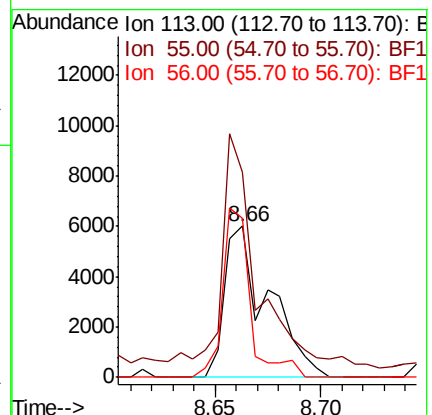
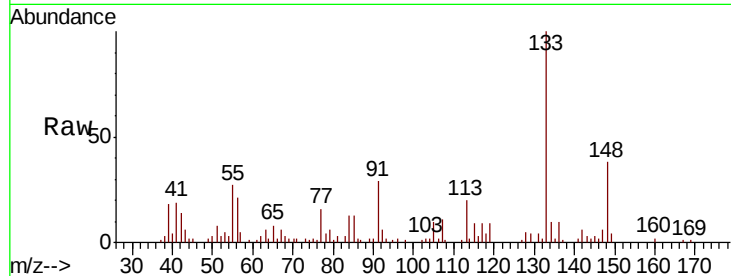
#35  
Caprolactam  
Concen: 5.984 ng  
RT: 8.66 min Scan# 1118  
Delta R.T. 0.09 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 136.2 | 121.6 | 161.6 |
| 56      | 105.0 | 86.7  | 126.7 |

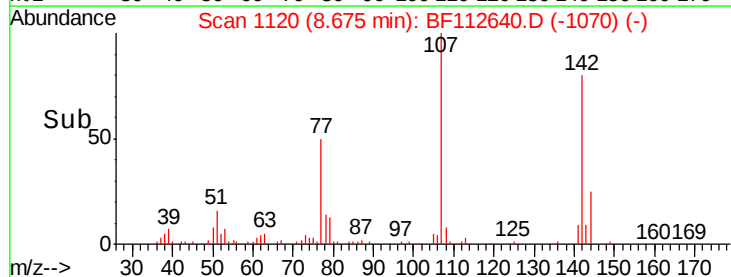
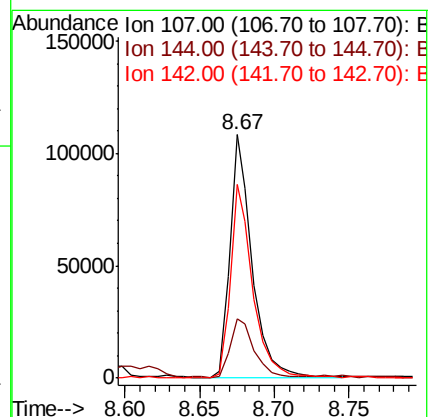
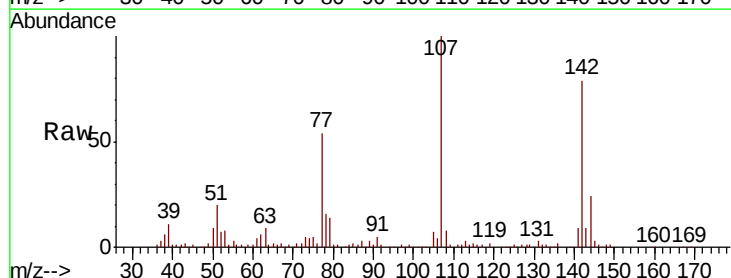
Manual Integrations  
APPROVED

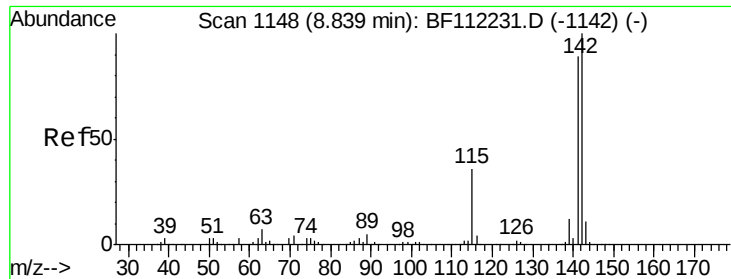
Sohil  
2/21/2019 10:03:37 AM



#36  
4-Chloro-3-methylphenol  
Concen: 26.281 ng  
RT: 8.67 min Scan# 1120  
Delta R.T. -0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 24.5  | 22.2  | 33.2  |
| 142     | 79.4  | 67.7  | 101.5 |





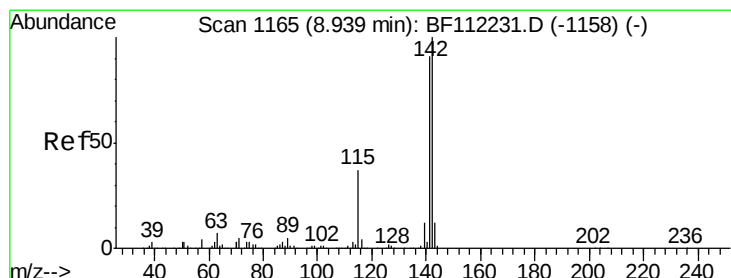
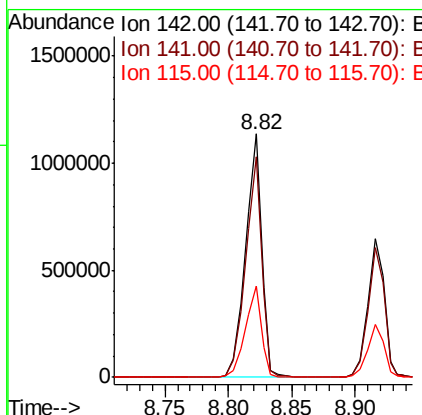
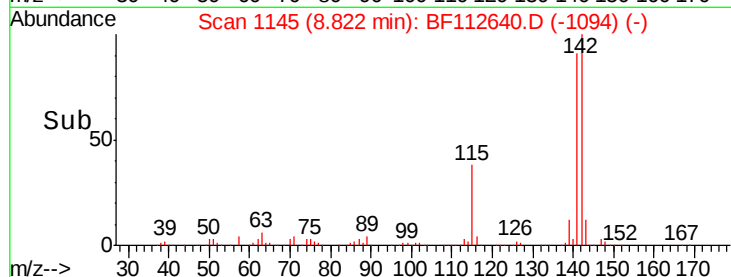
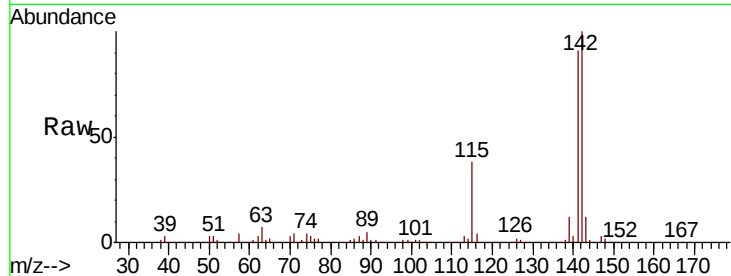
#37  
2-Methylnaphthalene  
Concen: 110.617 ng  
RT: 8.82 min Scan# 1145  
Delta R.T. 0.00 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.6  | 70.9  | 106.3 |
| 115     | 37.7  | 24.9  | 37.3# |

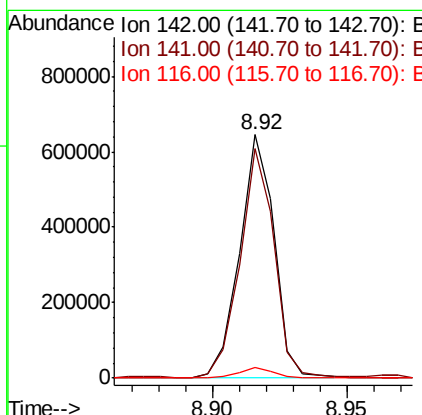
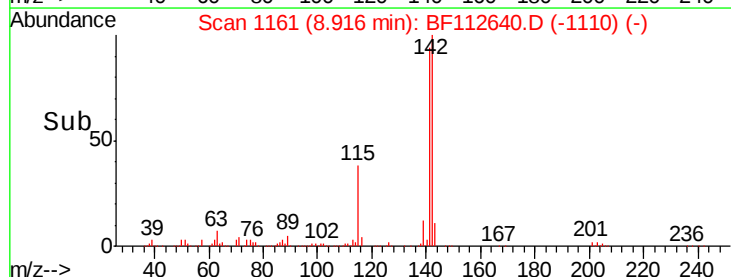
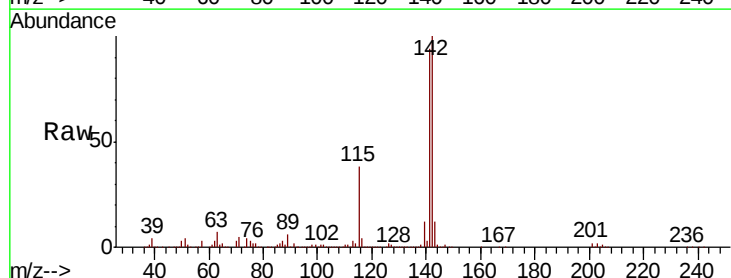
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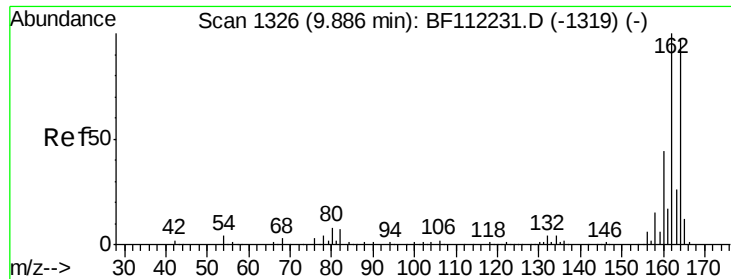
Sohil  
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#38  
1-Methylnaphthalene  
Concen: 66.535 ng m  
RT: 8.92 min Scan# 1161  
Delta R.T. 0.00 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 94.0  | 72.6  | 108.8 |
| 116     | 4.3   | 2.8   | 4.2#  |





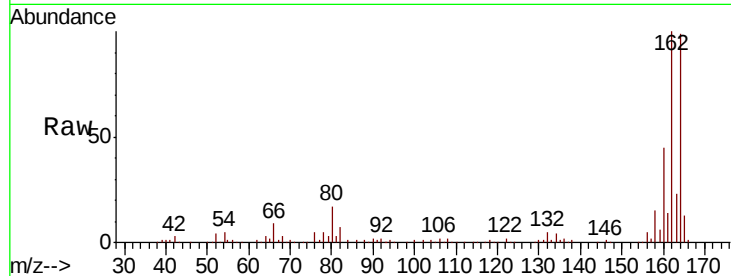
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.86 min Scan# 1321  
Delta R.T. -0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.3 | 82.2  | 123.4 |
| 160     | 45.2  | 36.2  | 54.4  |

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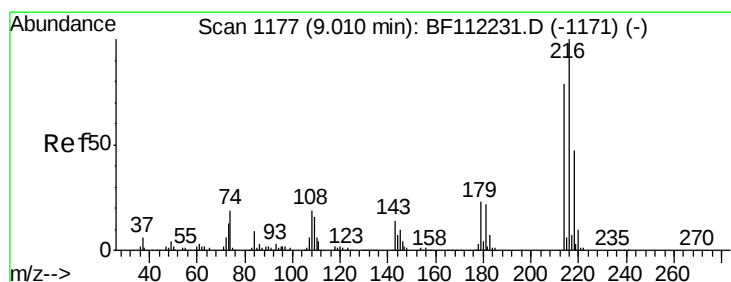
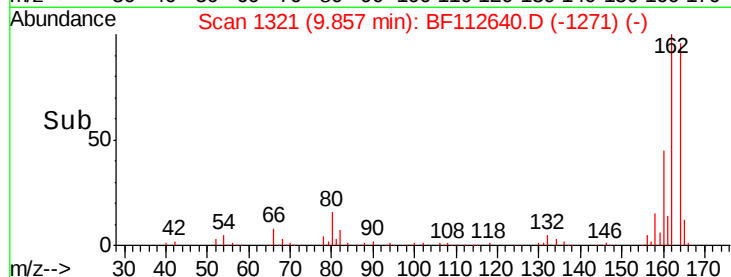
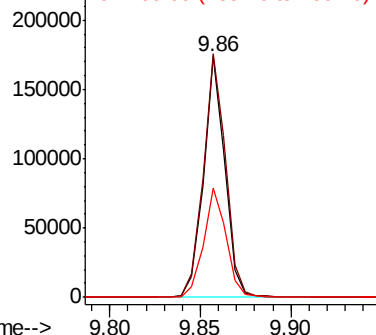


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 30.145 ng  
RT: 8.99 min Scan# 1173  
Delta R.T. -0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.2  | 63.8  | 95.6  |
| 179     | 22.4  | 16.9  | 25.3  |
| 108     | 20.0  | 14.2  | 21.4  |

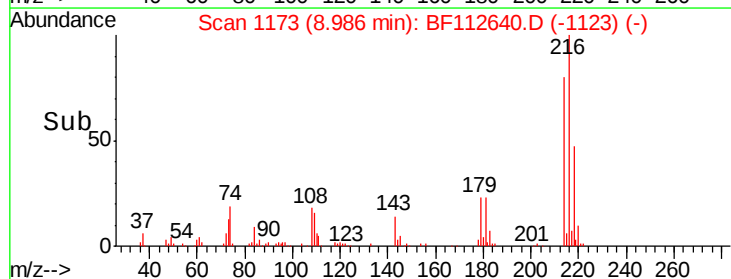
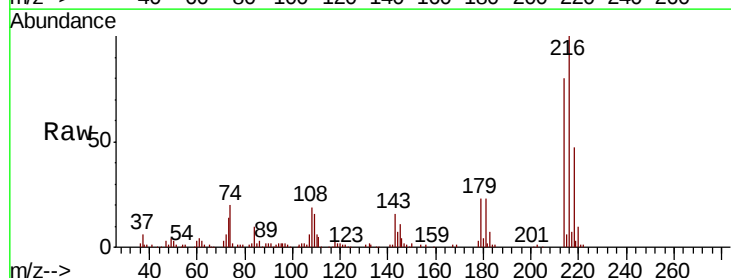
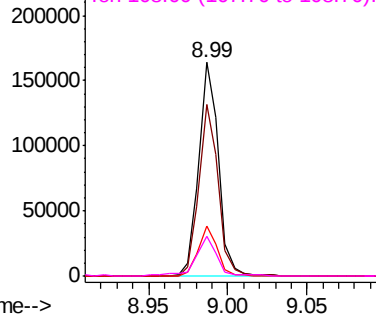
Abundance

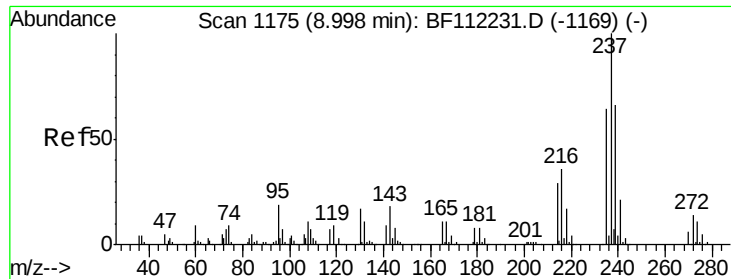
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 32.873 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

Instrument :

BNA\_F

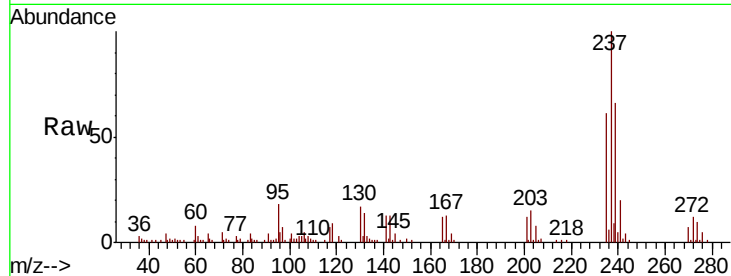
ClientSampleId :

MW-1MS

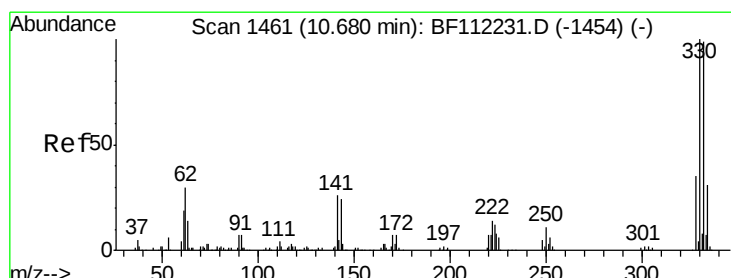
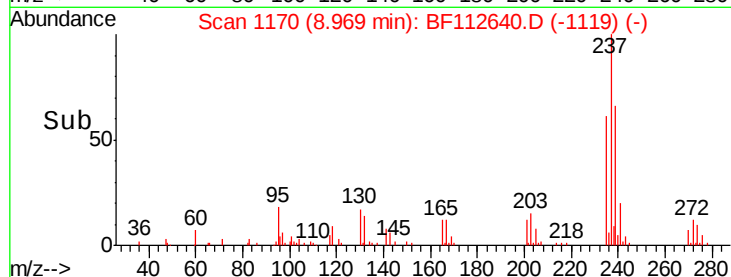
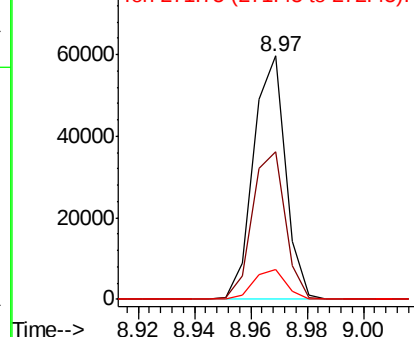
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 237   | Resp: | 47002 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 60.8  | 44.0  | 84.0  |
| 272       | 12.4  | 0.0   | 33.3  |

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Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 110.671 ng

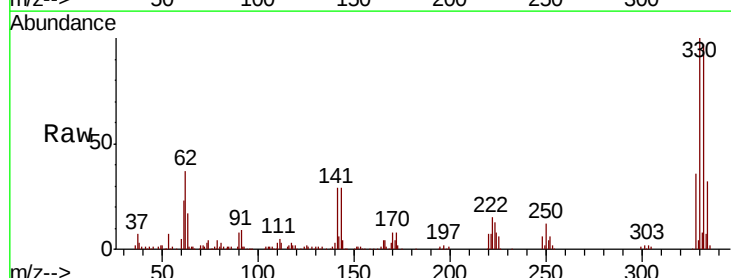
RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

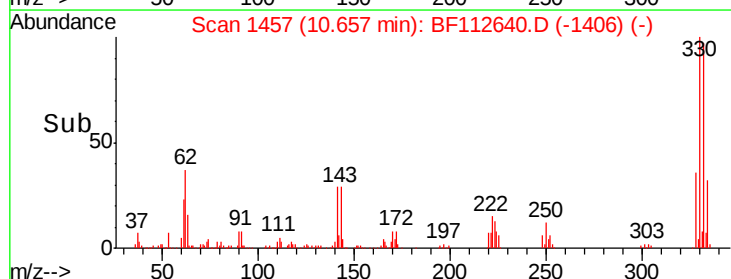
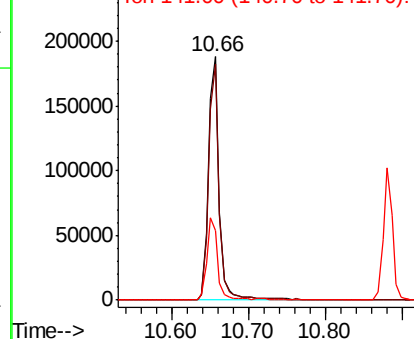
Lab File: BF112640.D

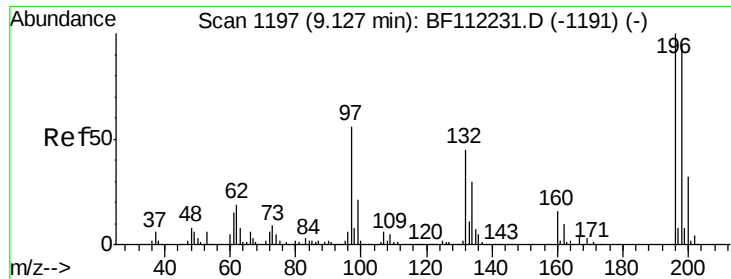
Acq: 20 Feb 2019 14:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 183478 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.0  | 76.6  | 114.8  |
| 141       | 33.6  | 24.3  | 36.5   |



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





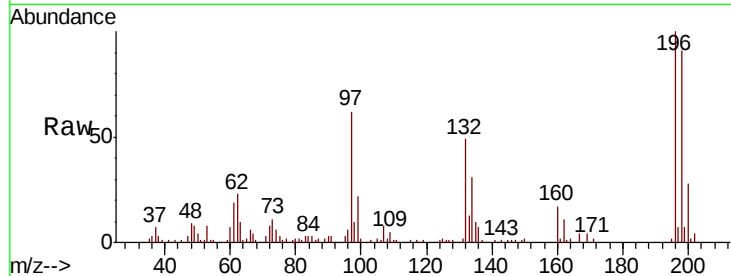
#43  
 2,4,6-Trichlorophenol  
 Concen: 30.408 ng  
 RT: 9.10 min Scan# 1193  
 Delta R.T. -0.01 min  
 Lab File: BF112640.D  
 Acq: 20 Feb 2019 14:25

Instrument :  
 BNA\_F  
 ClientSampled :  
 MW-1MS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 87655 |       |       |
| 198     | 91.3  | 76.2  | 114.4 |       |
| 200     | 27.9  | 24.3  | 36.5  |       |

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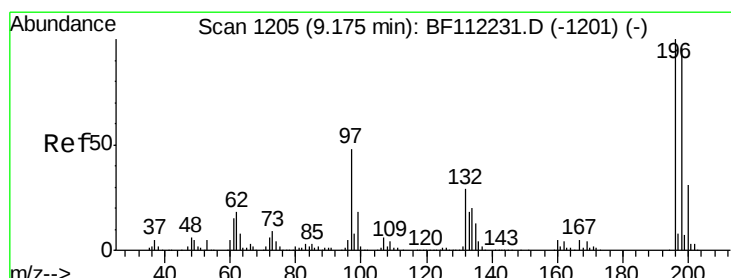
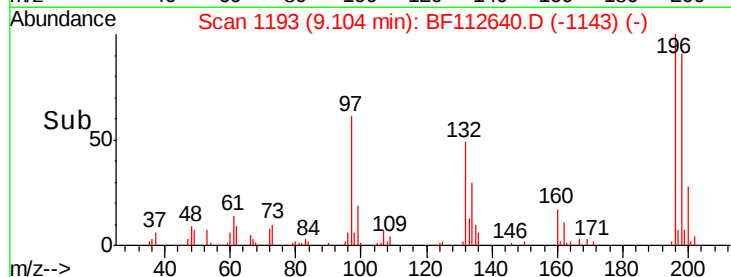
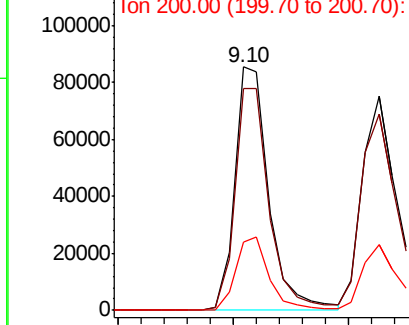


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 29.129 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. 0.00 min  
 Lab File: BF112640.D  
 Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 87758 |       |       |
| 198     | 91.9  | 76.0  | 114.0 |       |
| 97      | 48.9  | 36.4  | 54.6  |       |
| 132     | 30.7  | 21.5  | 32.3  |       |

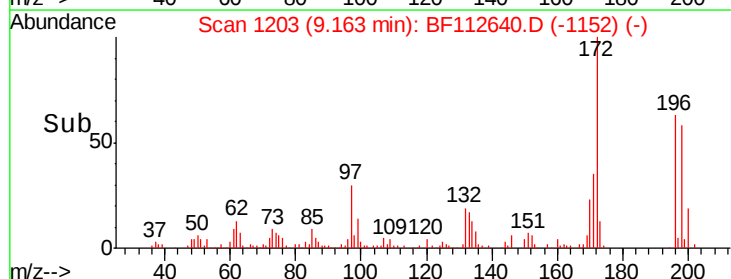
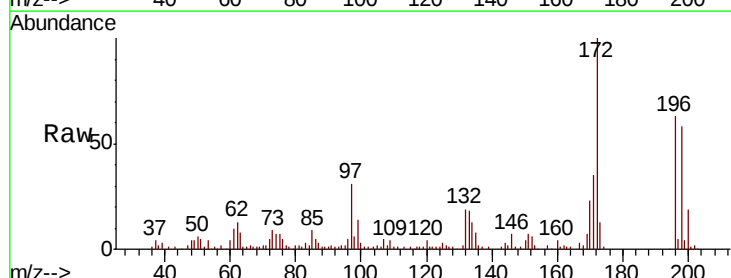
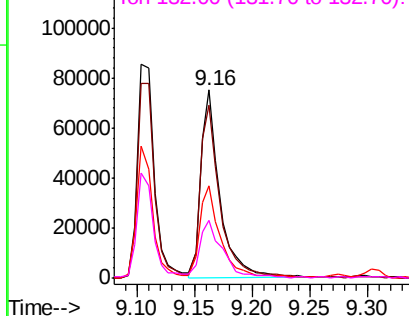
Abundance

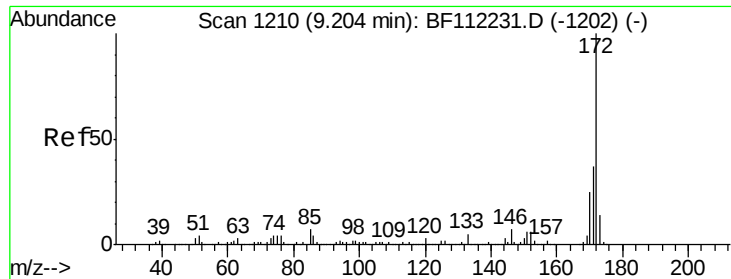
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





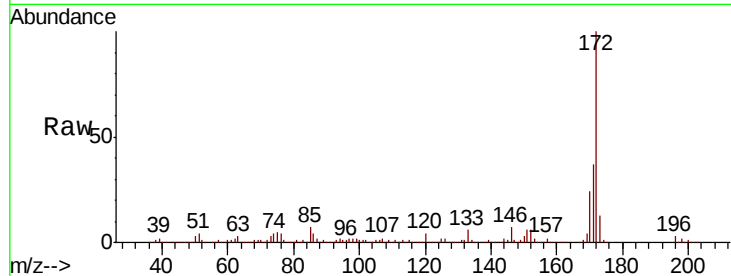
#45  
2-Fluorobiphenyl  
Concen: 76.928 ng  
RT: 9.17 min Scan# 1205  
Delta R.T. -0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.8  | 30.5  | 45.7  |
| 170     | 23.6  | 20.2  | 30.4  |

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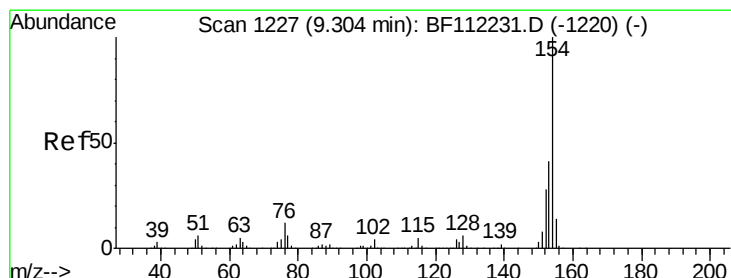
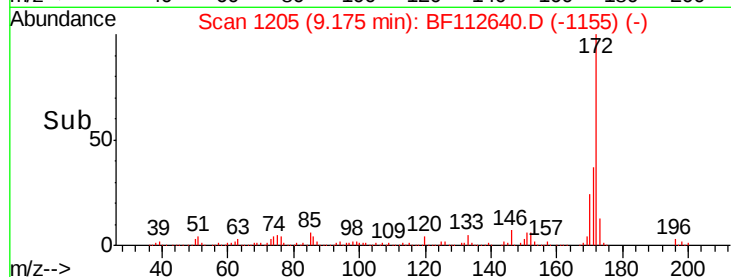
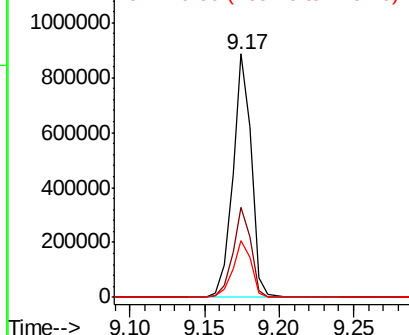


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46  
1,1'-Biphenyl  
Concen: 31.738 ng  
RT: 9.28 min Scan# 1223  
Delta R.T. 0.00 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

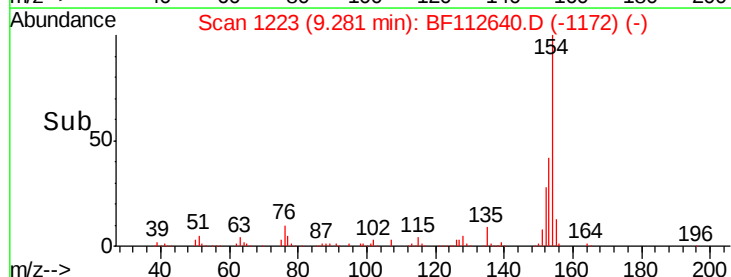
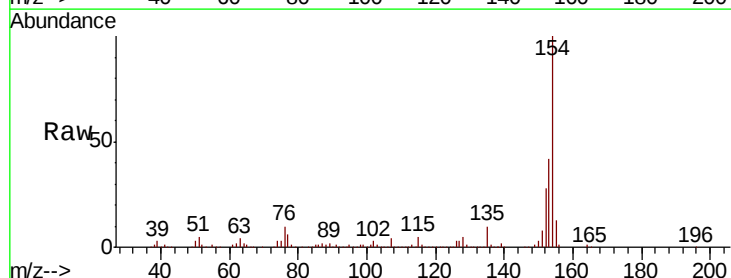
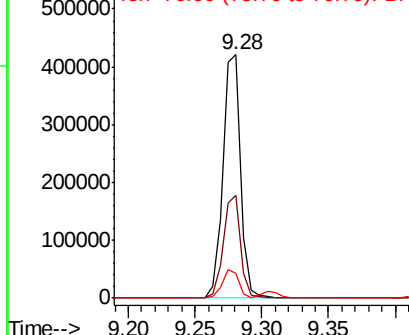
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.0  | 21.5  | 61.5  |
| 76      | 10.3  | 0.0   | 33.1  |

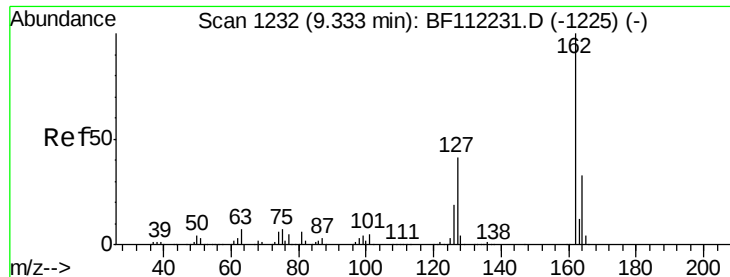
Abundance

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





#47

2-Chloronaphthalene

Concen: 30.456 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

Instrument :

BNA\_F

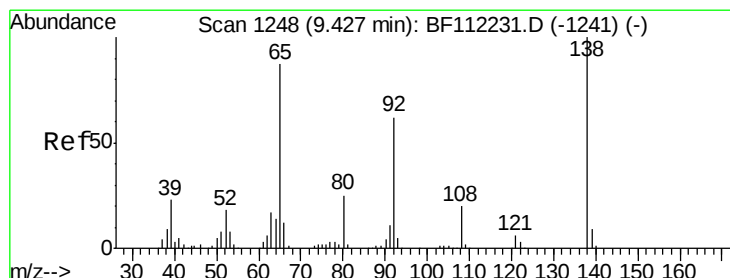
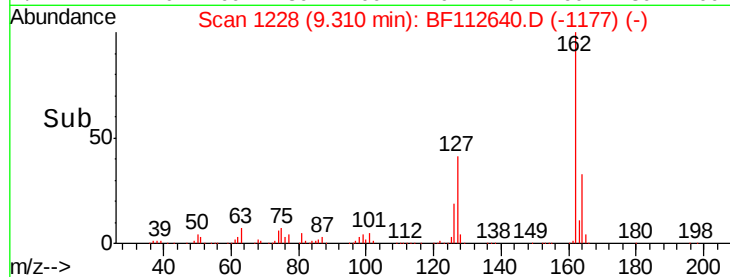
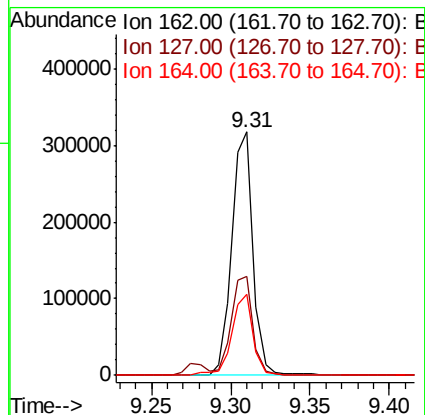
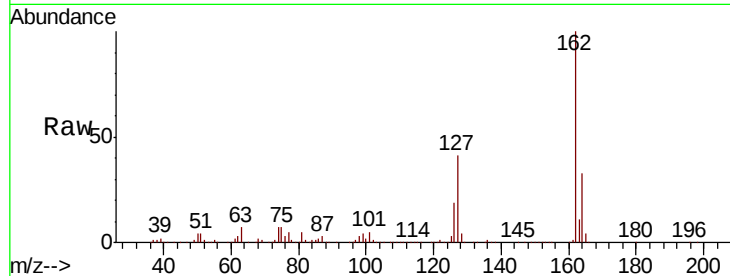
ClientSampleId :

MW-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 294087 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 40.6  | 30.4  | 45.6   |
| 164       | 33.3  | 27.4  | 41.2   |

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#48

2-Nitroaniline

Concen: 31.049 ng

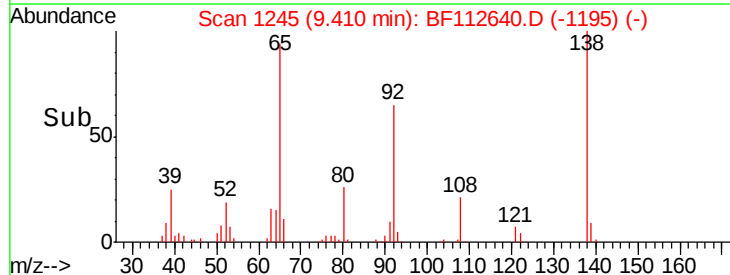
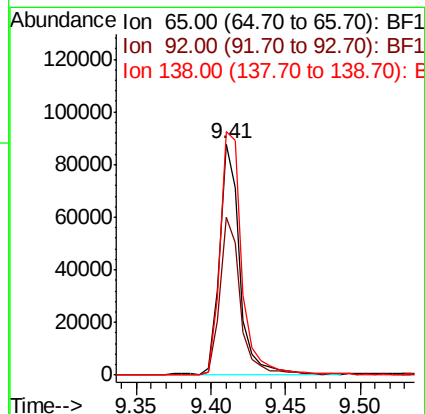
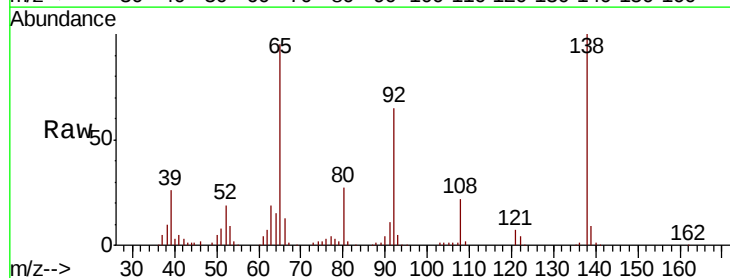
RT: 9.41 min Scan# 1245

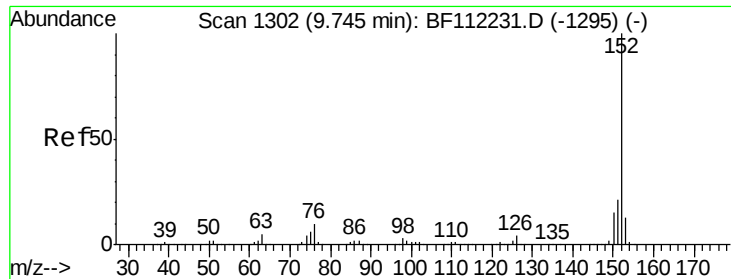
Delta R.T. -0.01 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 65    | Resp: | 81716 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 68.6  | 60.4  | 90.6  |
| 138       | 105.5 | 104.4 | 156.6 |





#49

Acenaphthylene

Concen: 32.982 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

Instrument :

BNA\_F

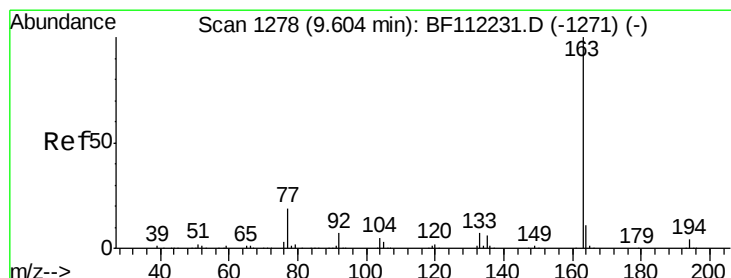
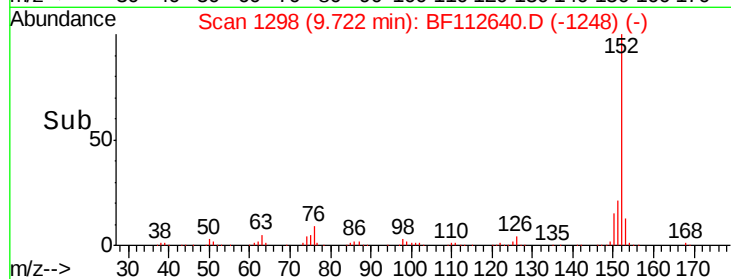
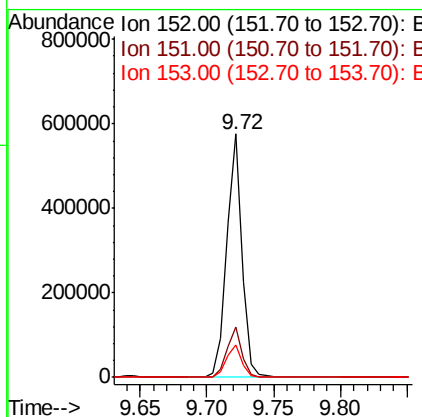
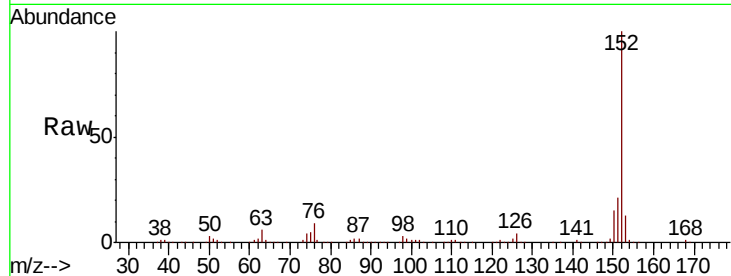
ClientSampleId :

MW-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 466788 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.6  | 17.0  | 25.6   |
| 153       | 13.3  | 11.2  | 16.8   |

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#50

Dimethylphthalate

Concen: 31.987 ng

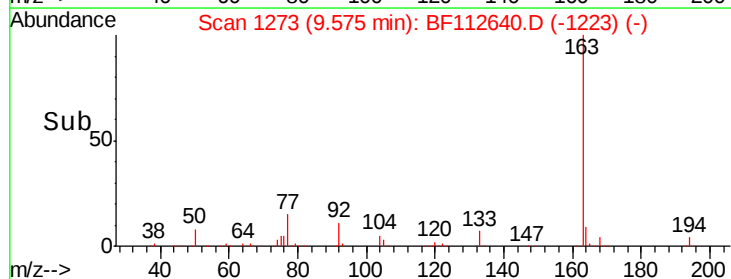
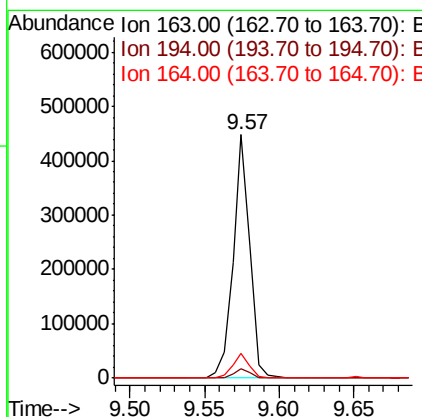
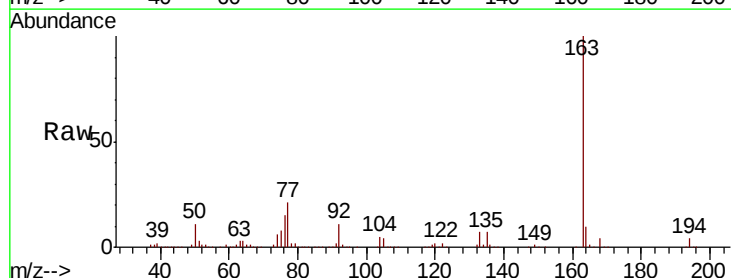
RT: 9.57 min Scan# 1273

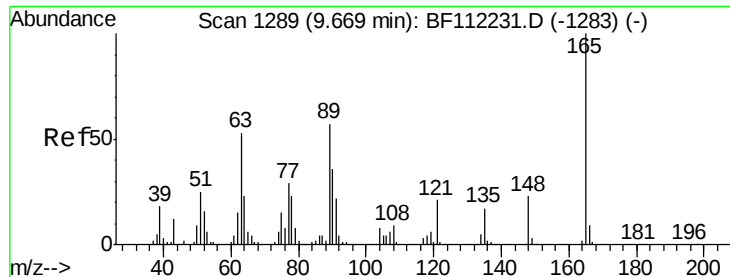
Delta R.T. -0.01 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 353978 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.9   | 3.3   | 4.9    |
| 164       | 10.2  | 8.5   | 12.7   |





#51

2,6-Dinitrotoluene

Concen: 31.059 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

Instrument :

BNA\_F

ClientSampleId :

MW-1MS

Tot Ion:165 Resp: 76976

Ion Ratio Lower Upper

165 100

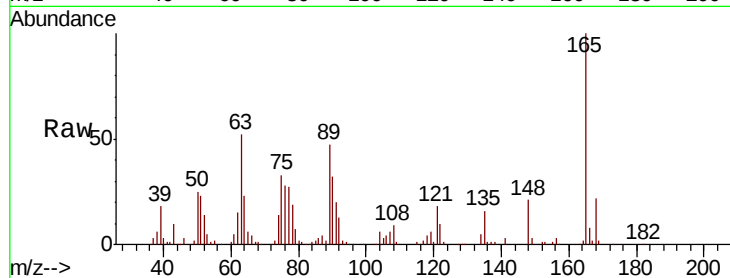
63 52.2 33.8 50.8#

89 47.0 36.9 55.3

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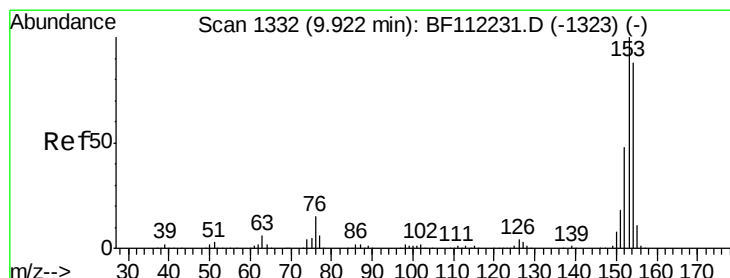
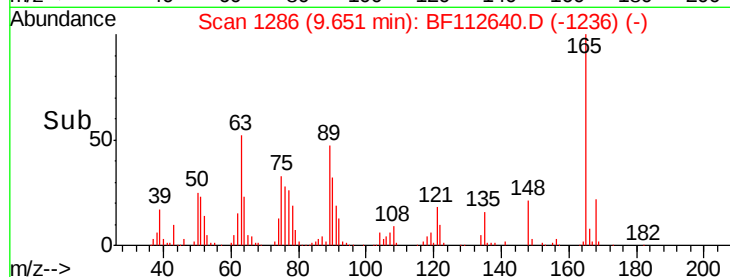
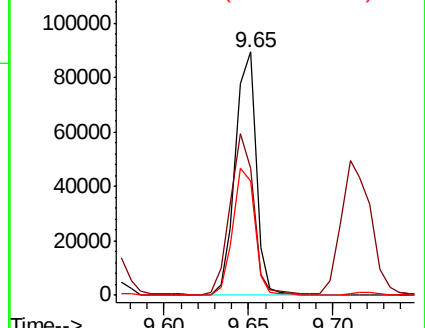
2/21/2019 10:03:37 AM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 32.373 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

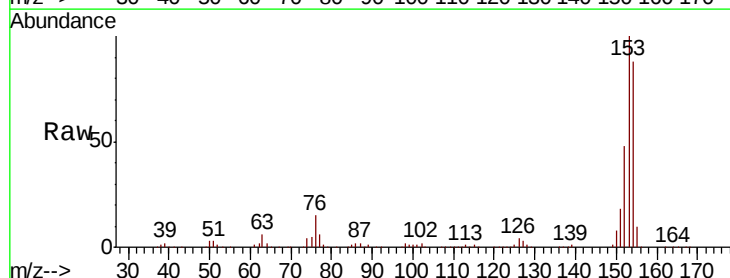
Tgt Ion:154 Resp: 273704

Ion Ratio Lower Upper

154 100

153 113.1 89.8 134.6

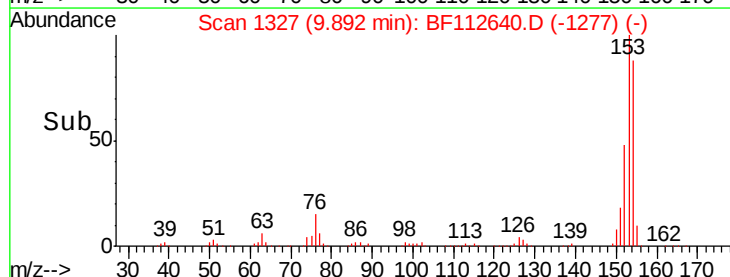
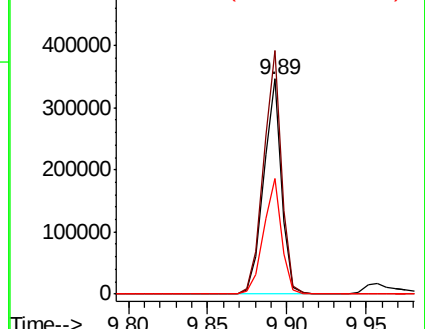
152 53.8 43.5 65.3

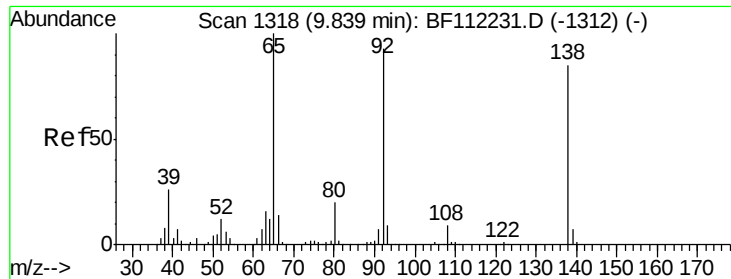


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





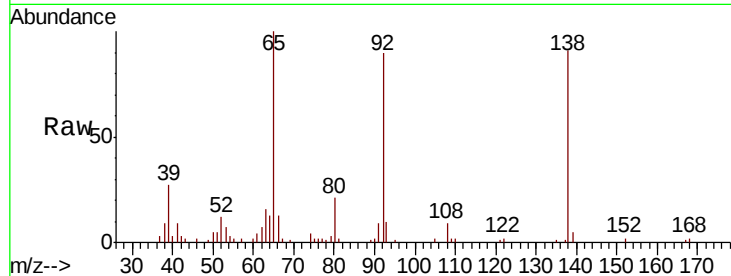
#53  
3-Nitroaniline  
Concen: 10.806 ng  
RT: 9.83 min Scan# 1316  
Delta R.T. -0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1MS

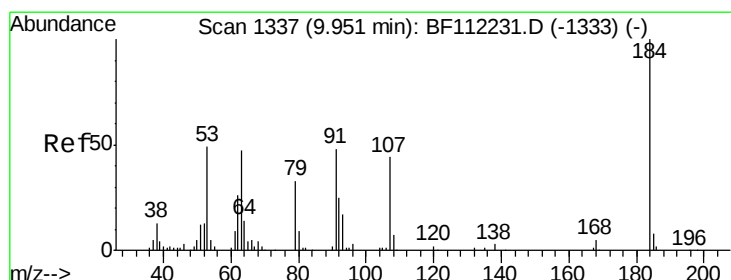
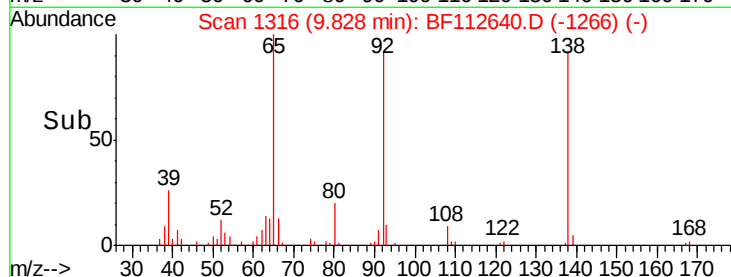
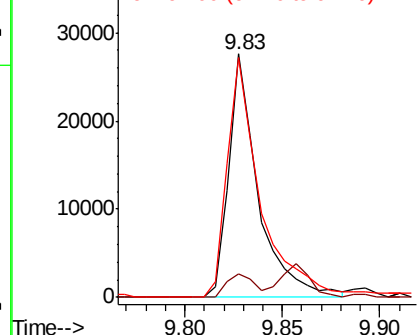
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.5   | 9.8   | 14.6# |
| 92      | 98.5  | 79.4  | 119.2 |

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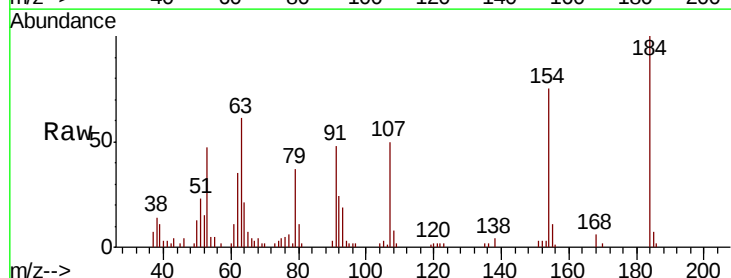


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

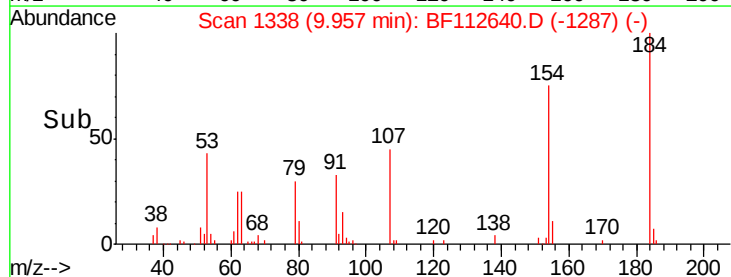
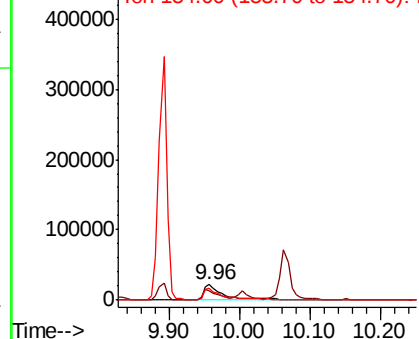


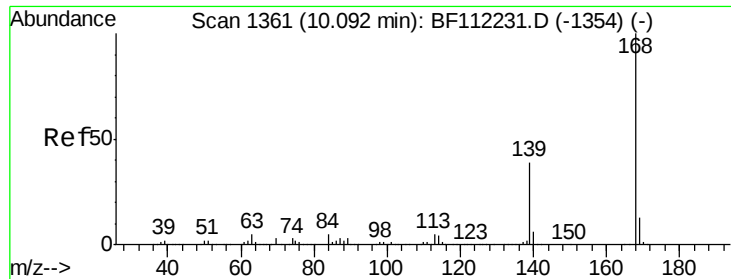
#54  
2,4-Dinitrophenol  
Concen: 59.292 ng  
RT: 9.96 min Scan# 1338  
Delta R.T. 0.00 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 60.9  | 47.1  | 70.7  |
| 154     | 74.8  | 48.9  | 73.3# |



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 32.244 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

Instrument :

BNA\_F

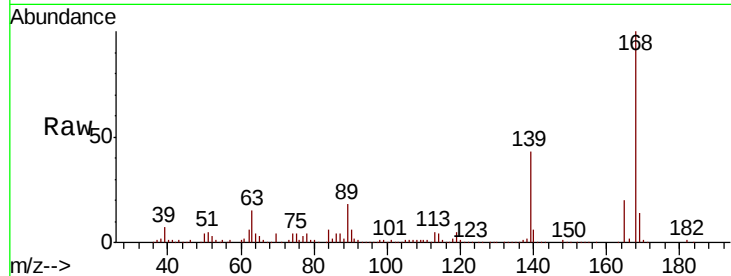
ClientSampleId :

MW-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 168   | Resp: | 416585 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 43.0  | 29.2  | 43.8   |
| 169       | 13.6  | 11.4  | 17.0   |

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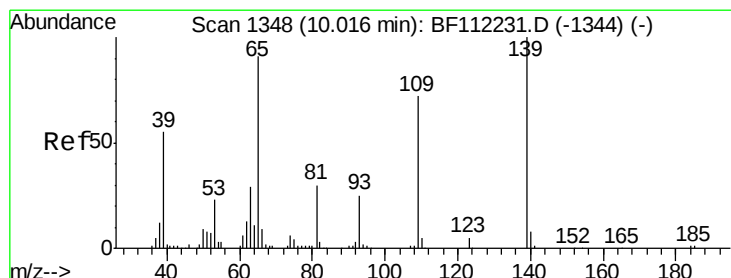
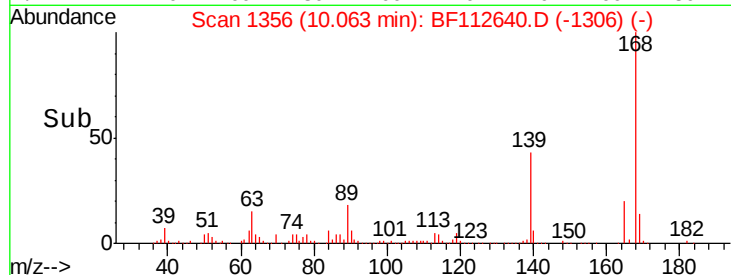
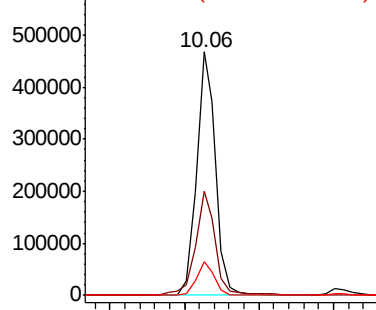


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 135.533 ng

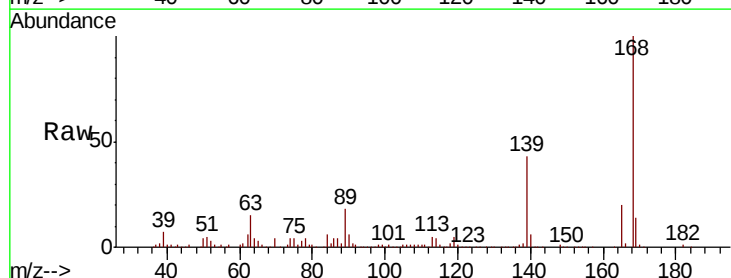
RT: 10.06 min Scan# 1356

Delta R.T. 0.04 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 192398 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 3.1   | 42.8  | 82.8#  |
| 65        | 6.3   | 66.1  | 106.1# |

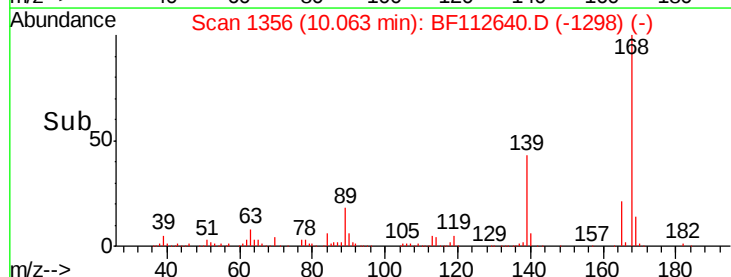
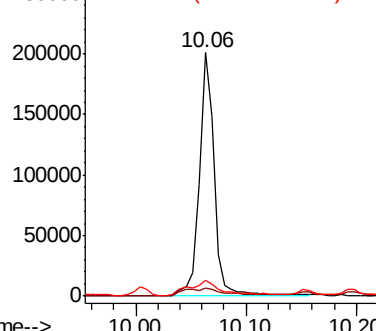


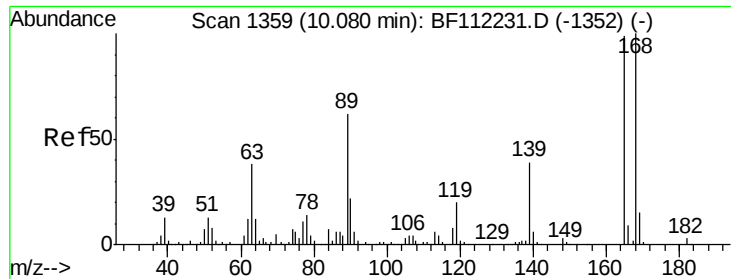
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





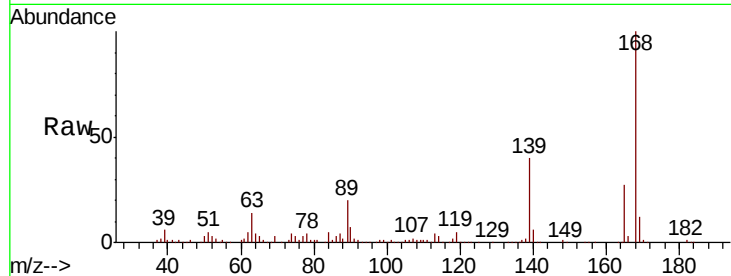
#57  
2,4-Dinitrotoluene  
Concen: 33.265 ng  
RT: 10.07 min Scan# 1357  
Delta R.T. 0.00 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 52.7  | 27.9       | 41.9# |
| 89      | 71.4  | 47.9       | 71.9  |
| 182     | 3.1   | 2.2        | 3.4   |

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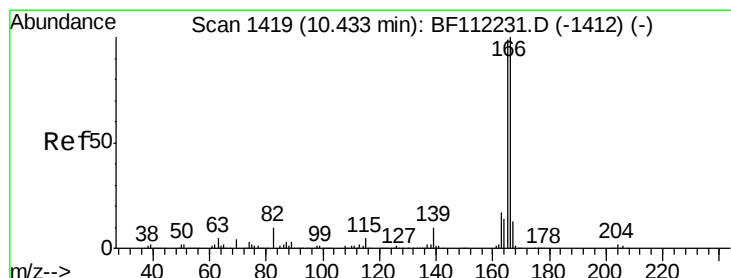
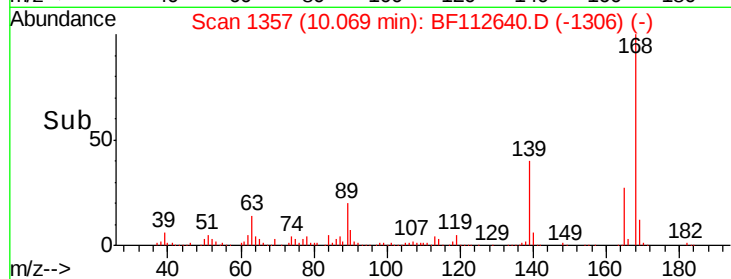
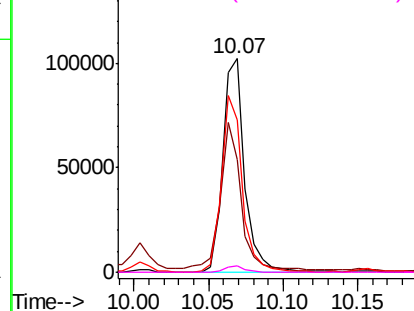
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

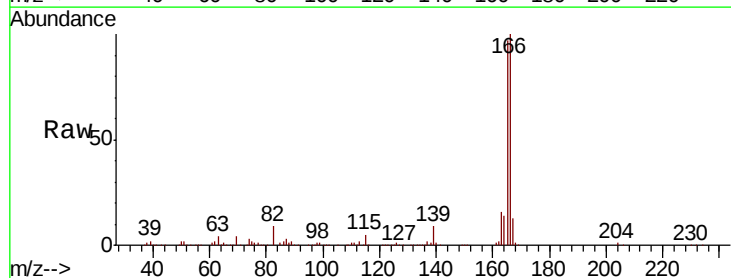
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 35.476 ng  
RT: 10.41 min Scan# 1415  
Delta R.T. 0.00 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 166     | 100   |            |       |
| 165     | 96.7  | 77.1       | 115.7 |
| 167     | 12.8  | 11.3       | 16.9  |

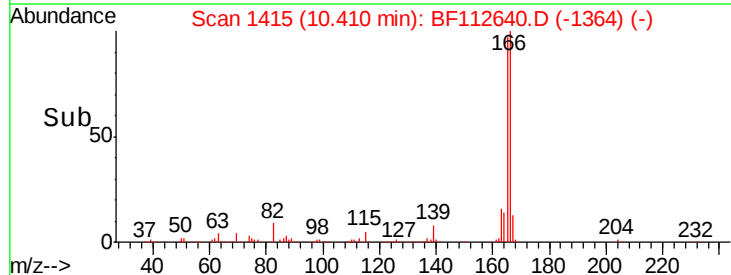
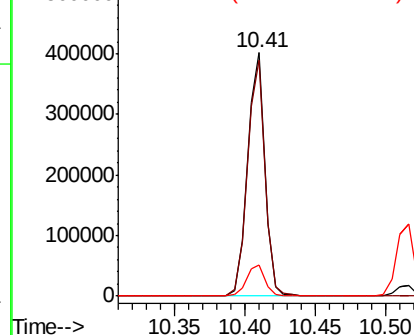


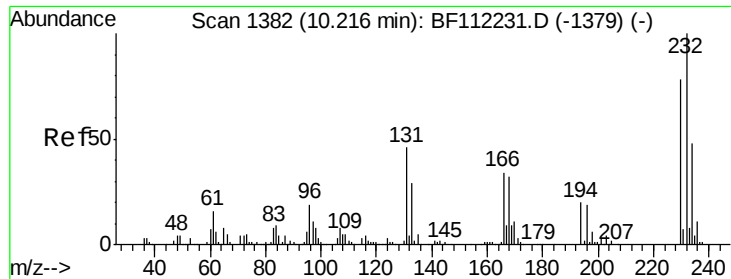
Abundance

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





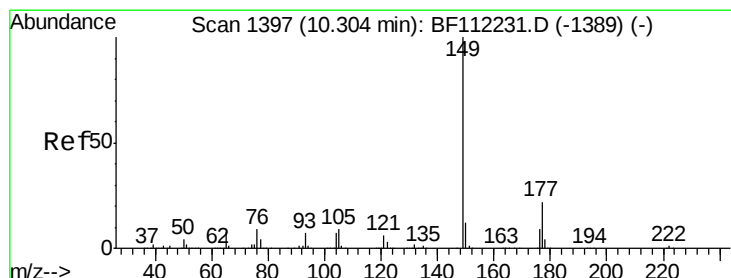
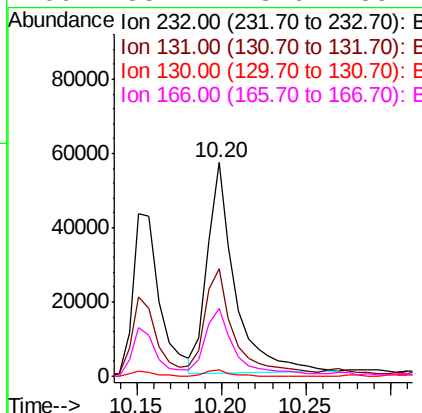
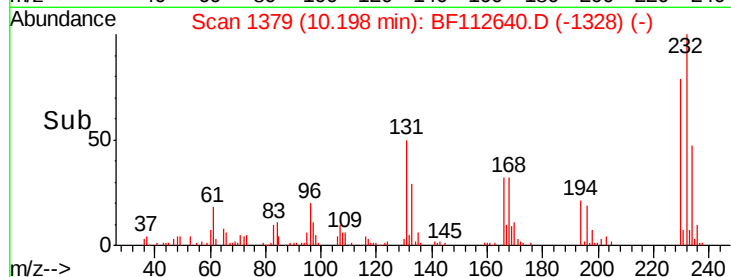
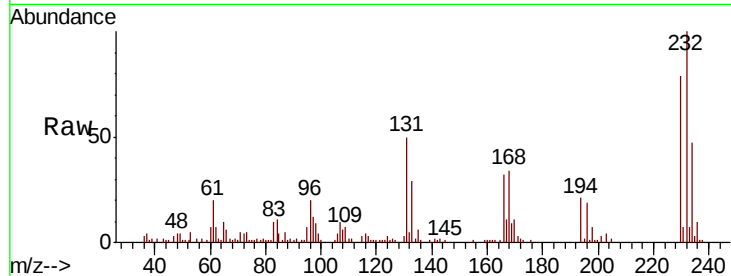
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 28.612 ng  
 RT: 10.20 min Scan# 1379  
 Delta R.T. 0.00 min  
 Lab File: BF112640.D  
 Acq: 20 Feb 2019 14:25

Instrument :  
 BNA\_F  
 ClientSampled :  
 MW-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 54.6  | 33.9  | 50.9# |
| 130     | 2.8   | 1.8   | 2.6#  |
| 166     | 33.1  | 23.6  | 35.4  |

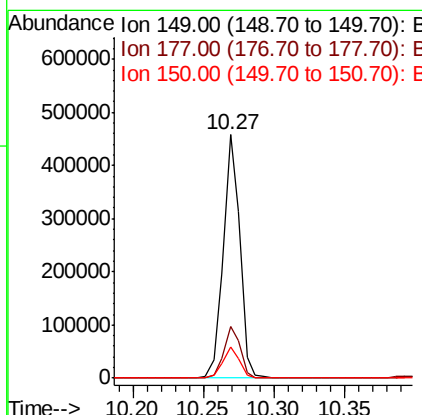
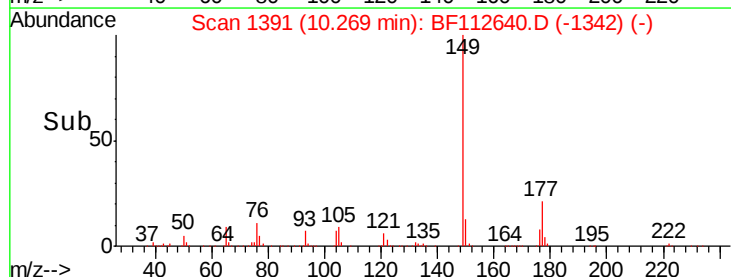
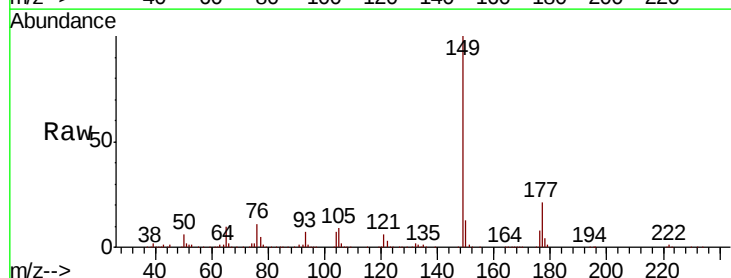
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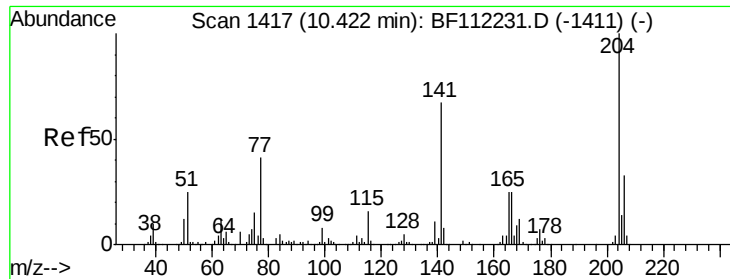
Sohil  
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#60  
 Diethylphthalate  
 Concen: 33.957 ng  
 RT: 10.27 min Scan# 1391  
 Delta R.T. -0.01 min  
 Lab File: BF112640.D  
 Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.1  | 18.2  | 27.2  |
| 150     | 12.6  | 10.4  | 15.6  |





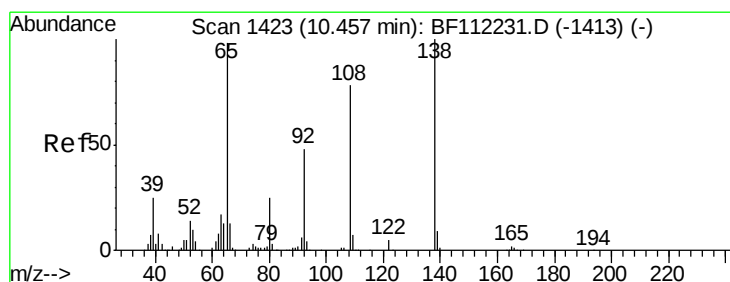
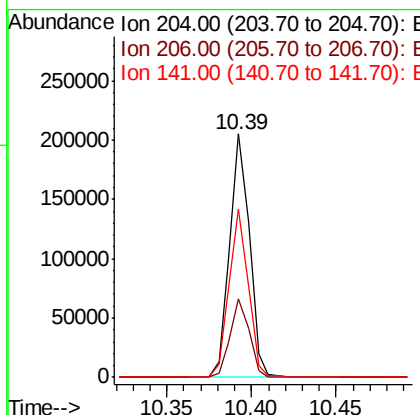
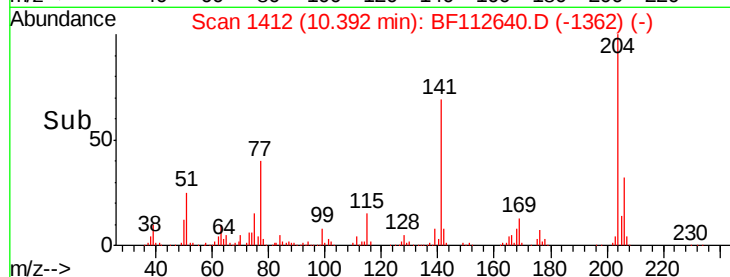
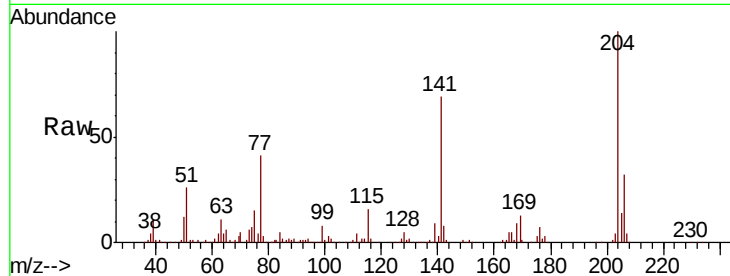
#61  
4-Chlorophenyl-phenylether  
Concen: 31.654 ng  
RT: 10.39 min Scan# 1412  
Delta R.T. -0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampled :  
MW-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.0  | 26.5  | 39.7  |
| 141     | 68.8  | 45.9  | 68.9  |

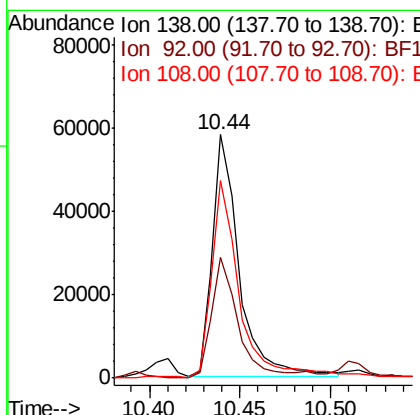
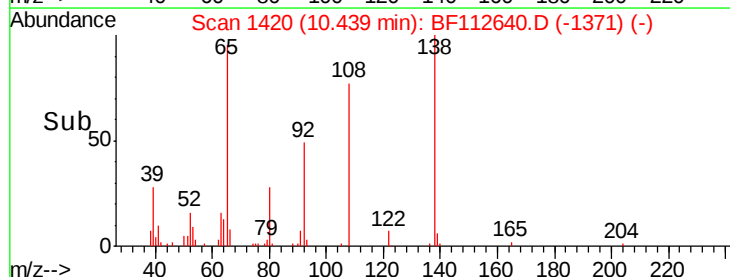
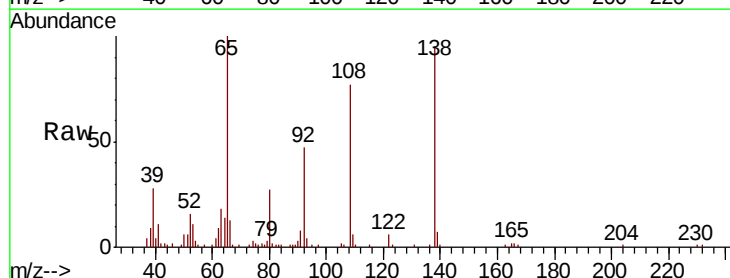
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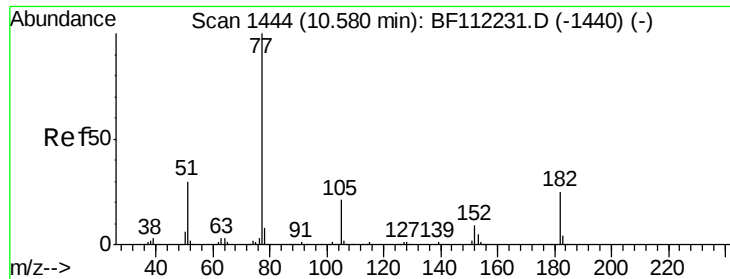
Sohil  
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#62  
4-Nitroaniline  
Concen: 22.607 ng  
RT: 10.44 min Scan# 1420  
Delta R.T. -0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 49.7  | 30.6  | 70.6  |
| 108     | 81.0  | 50.0  | 90.0  |





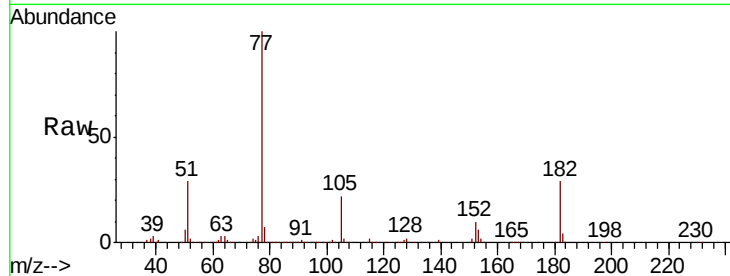
#63  
Azobenzene  
Concen: 32.745 ng  
RT: 10.56 min Scan# 1440  
Delta R.T. -0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampled :  
MW-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 28.7  | 5.7   | 45.7  |
| 105     | 22.4  | 1.4   | 41.4  |
| 51      | 29.4  | 9.5   | 49.5  |

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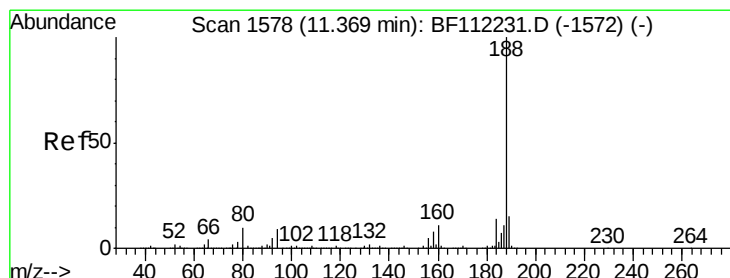
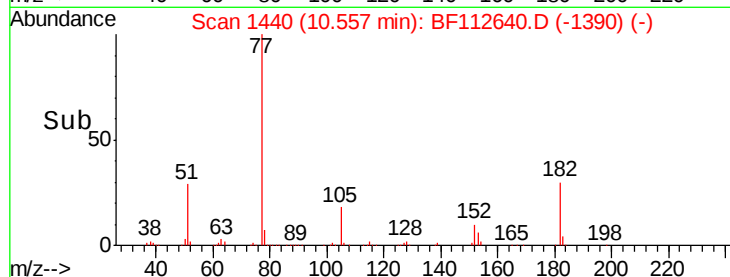
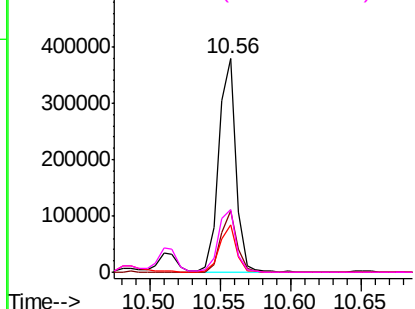
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

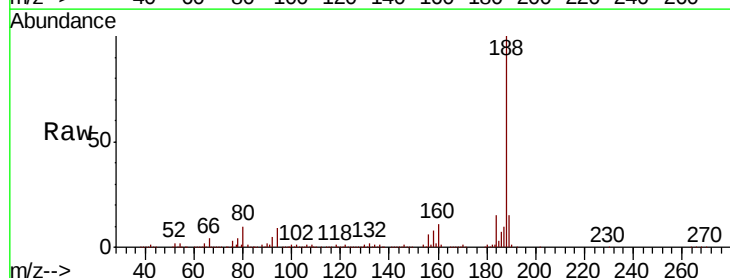
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.35 min Scan# 1574  
Delta R.T. -0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.2   | 8.2   | 12.2  |
| 80      | 10.3  | 8.9   | 13.3  |

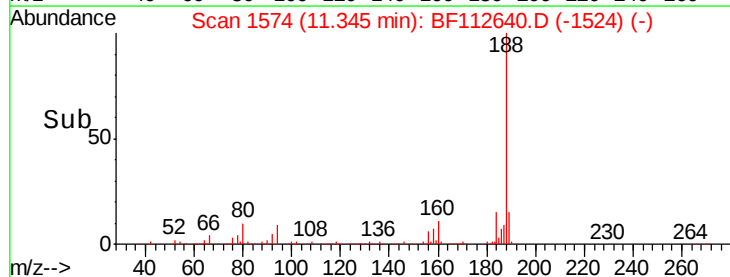
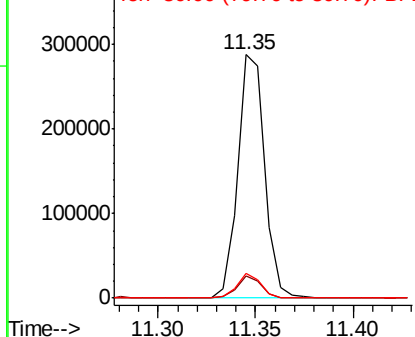


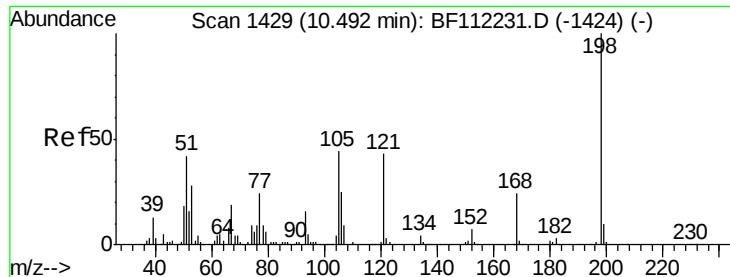
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





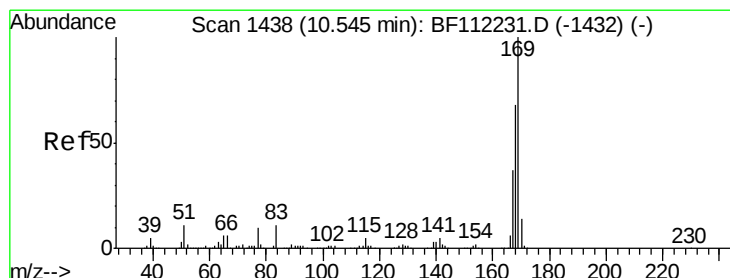
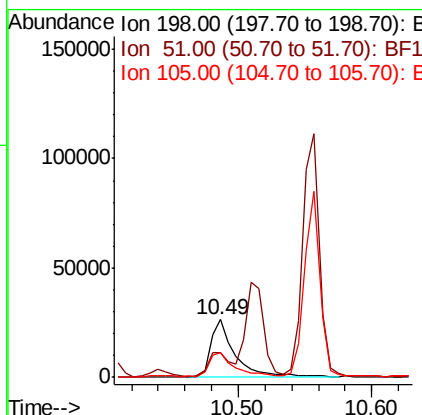
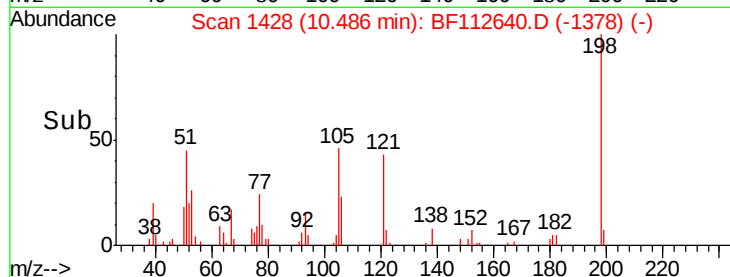
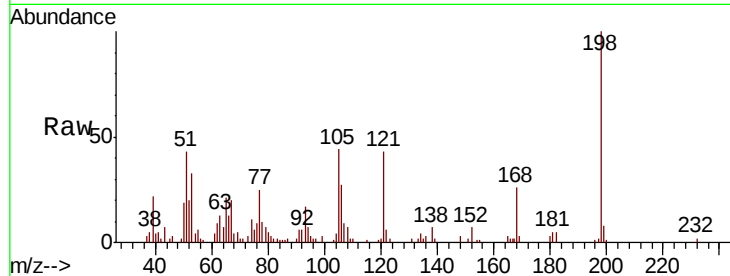
#65  
4,6-Dinitro-2-methylphenol  
Concen: 22.055 ng  
RT: 10.49 min Scan# 1428  
Delta R.T. -0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampled :  
MW-1MS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 33819 |       |       |
| 51      | 43.1  | 17.2  | 57.2  |       |
| 105     | 43.6  | 21.9  | 61.9  |       |

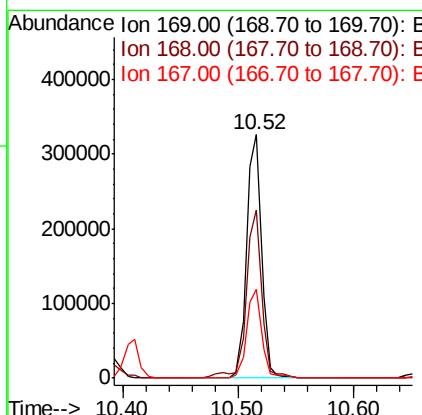
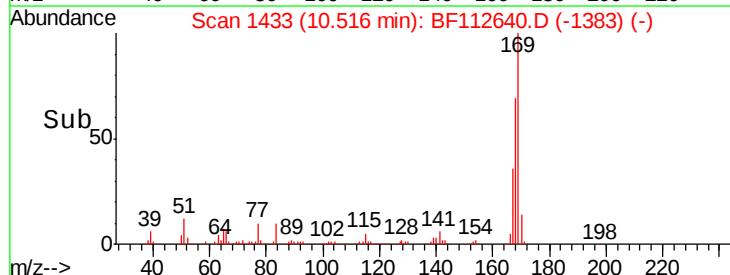
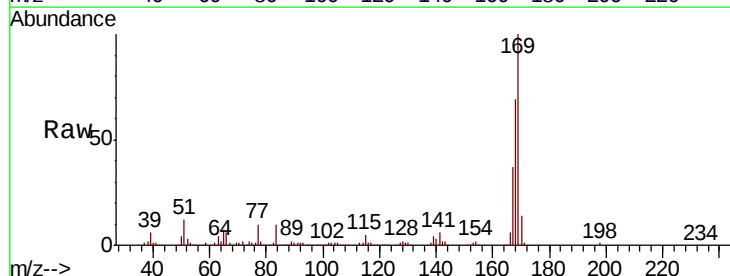
Manual Integrations  
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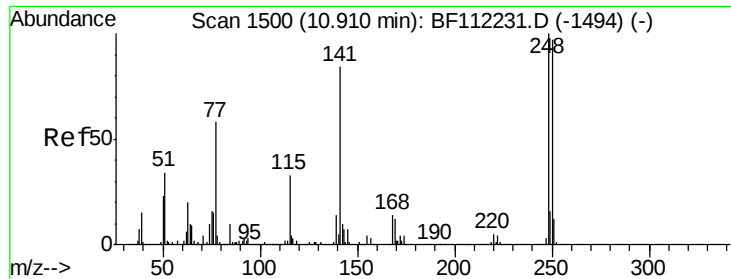
Sohil  
2/21/2019 10:03:37 AM



#66  
n-Nitrosodiphenylamine  
Concen: 31.839 ng  
RT: 10.52 min Scan# 1433  
Delta R.T. -0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 293481 |       |       |
| 168     | 69.0  | 53.9   | 80.9  |       |
| 167     | 36.7  | 28.9   | 43.3  |       |





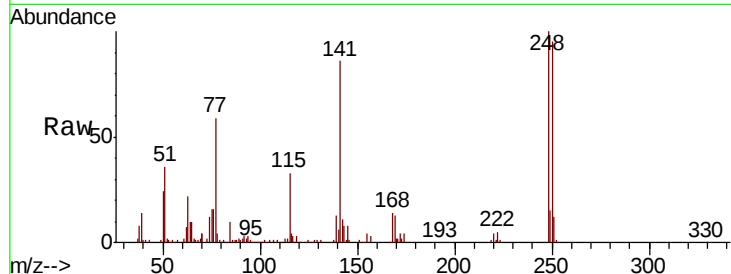
#67  
4-Bromophenyl-phenylether  
Concen: 31.084 ng  
RT: 10.88 min Scan# 1495  
Delta R.T. -0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampled :  
MW-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 94.6  | 79.7  | 119.5 |
| 141     | 85.5  | 60.3  | 90.5  |

Manual Integrations  
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2/21/2019 10:03:37 AM

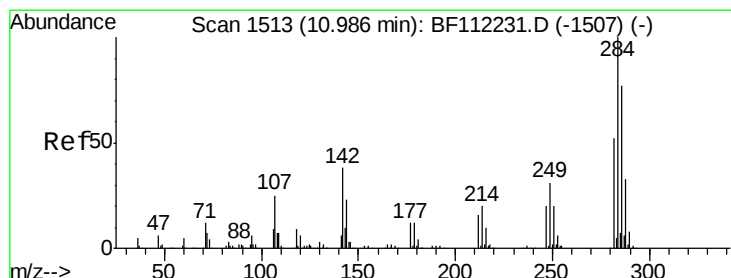
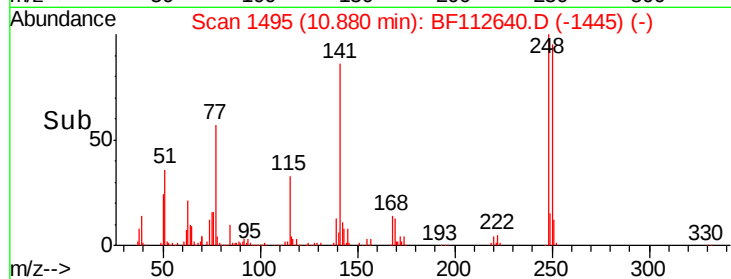
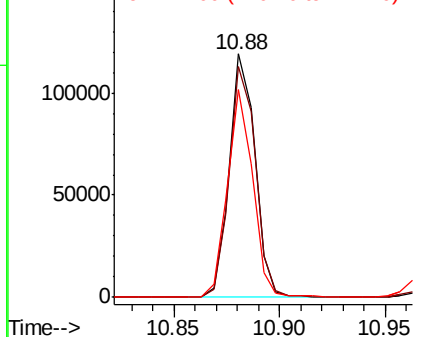


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 31.091 ng  
RT: 10.97 min Scan# 1510  
Delta R.T. 0.00 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

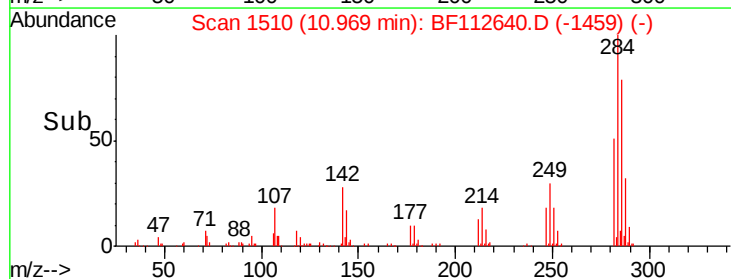
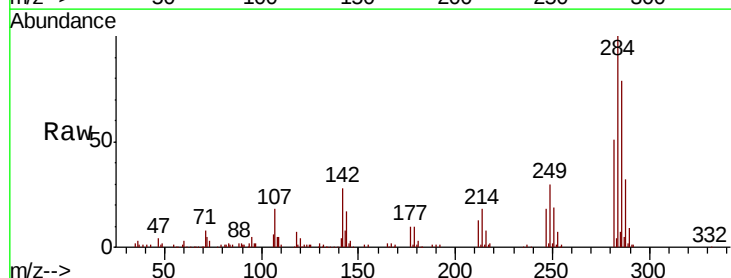
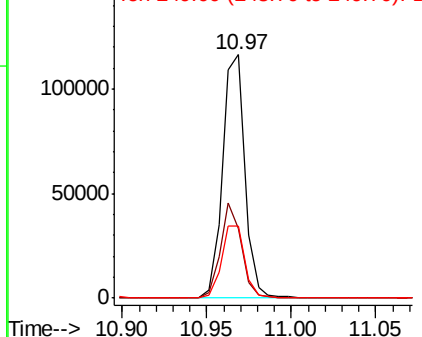
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 28.3  | 27.6  | 41.4  |
| 249     | 29.6  | 24.1  | 36.1  |

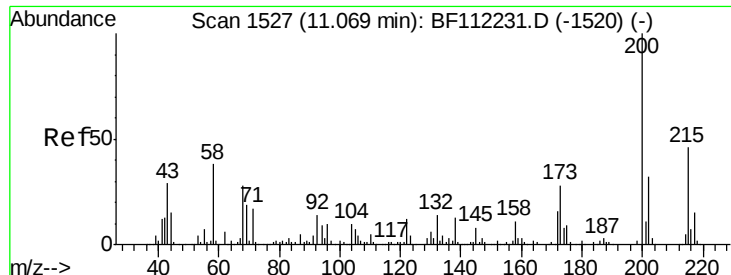
Abundance

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





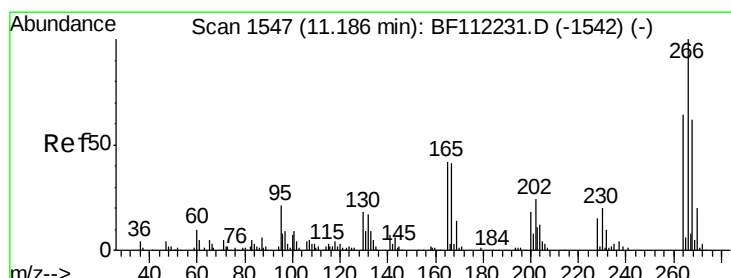
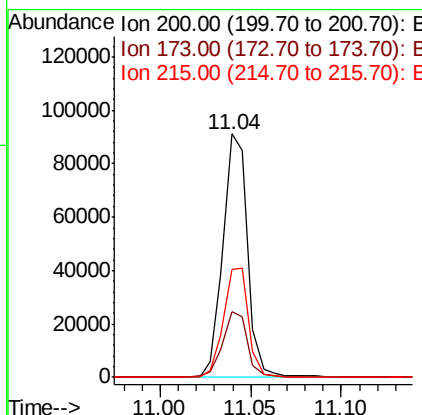
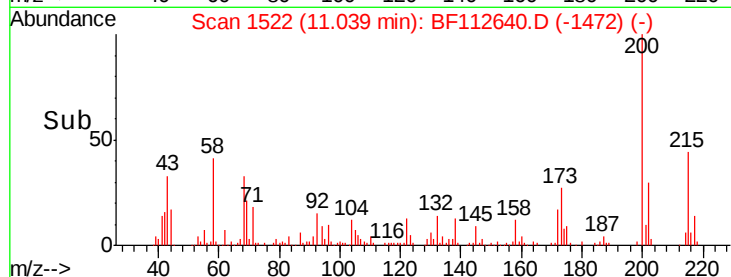
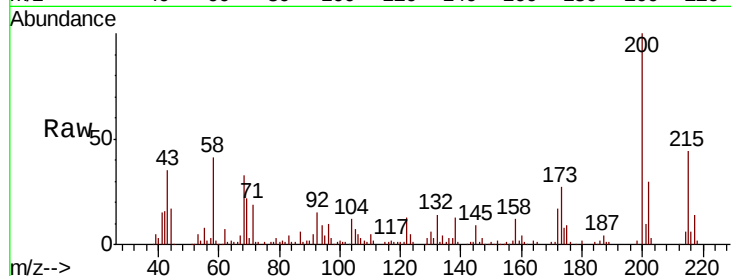
#69  
Atrazine  
Concen: 29.046 ng  
RT: 11.04 min Scan# 1522  
Delta R.T. -0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1MS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 86389 |       |       |
| 173     | 27.1  |       | 7.1   | 47.1  |
| 215     | 44.2  |       | 30.4  | 70.4  |

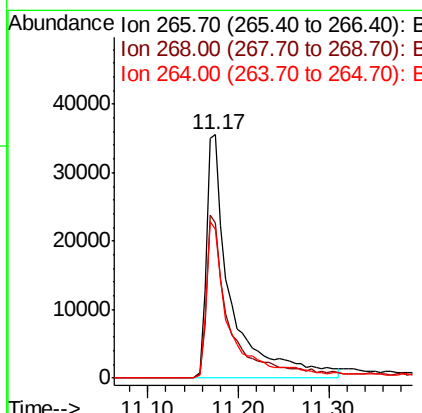
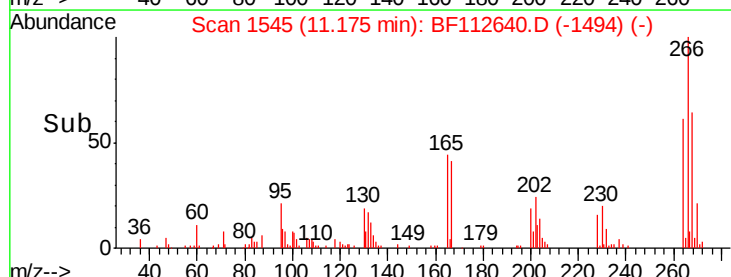
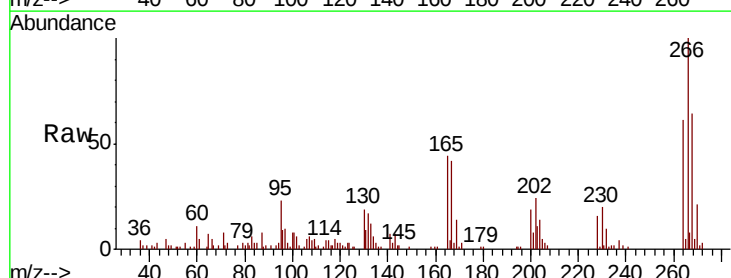
Manual Integrations  
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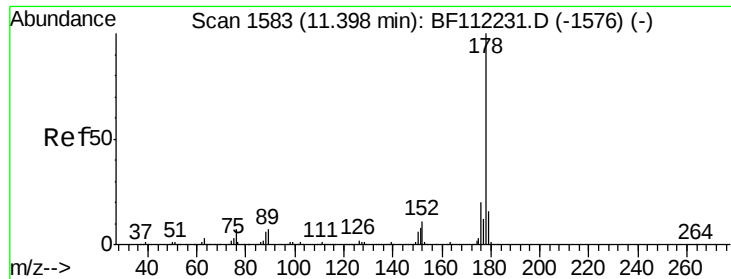
Sohil  
2/21/2019 10:03:37 AM



#70  
Pentachlorophenol  
Concen: 50.169 ng  
RT: 11.17 min Scan# 1545  
Delta R.T. 0.00 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 67370 |       |       |
| 268     | 63.8  |       | 51.2  | 76.8  |
| 264     | 61.4  |       | 50.9  | 76.3  |





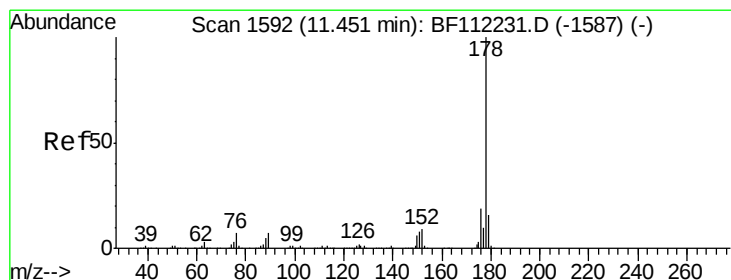
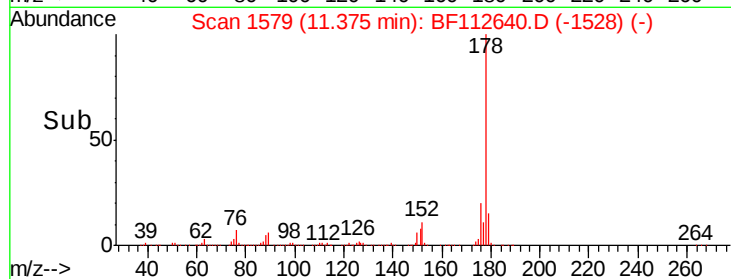
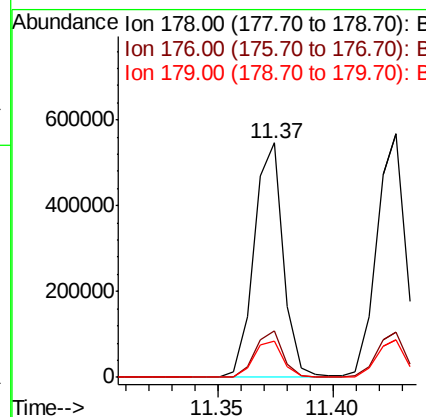
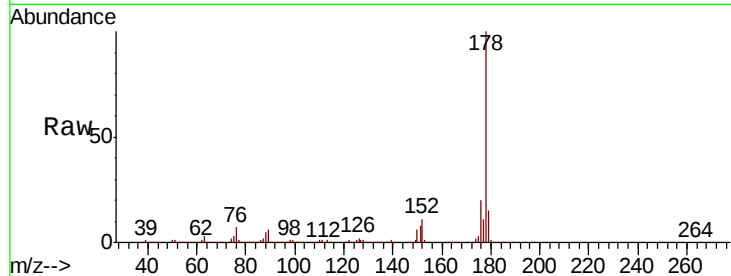
#71  
Phenanthrene  
Concen: 34.031 ng  
RT: 11.37 min Scan# 1579  
Delta R.T. 0.00 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 16.3  | 24.5  |
| 179     | 15.4  | 13.0  | 19.4  |

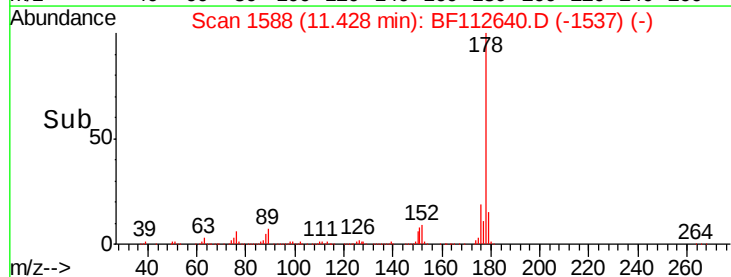
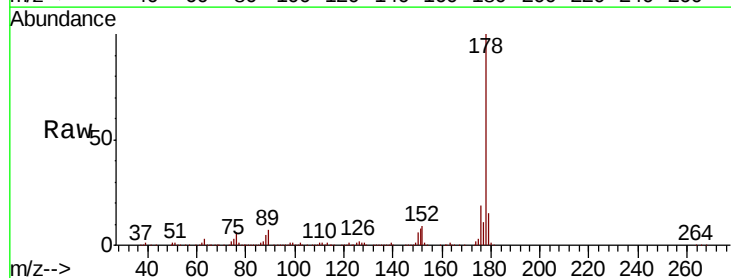
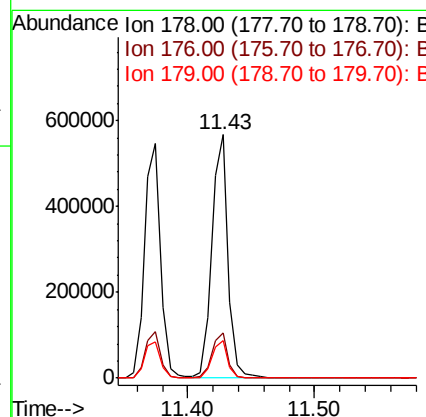
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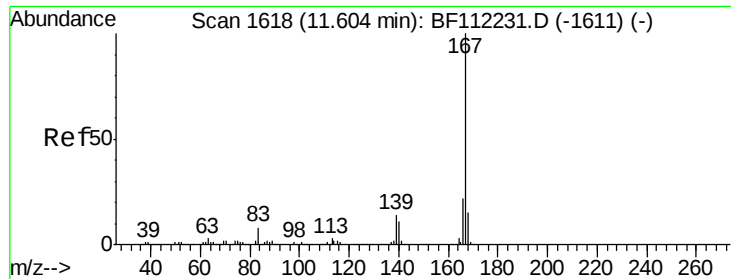
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#72  
Anthracene  
Concen: 35.568 ng  
RT: 11.43 min Scan# 1588  
Delta R.T. 0.00 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 15.5  | 23.3  |
| 179     | 15.3  | 12.8  | 19.2  |





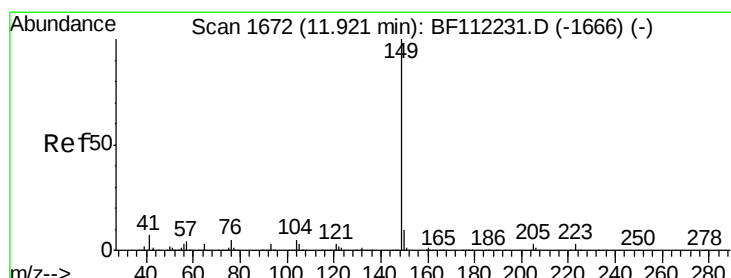
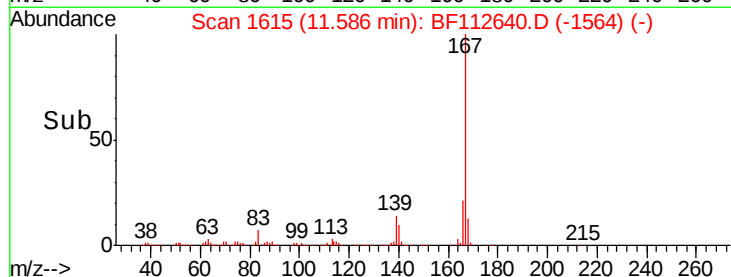
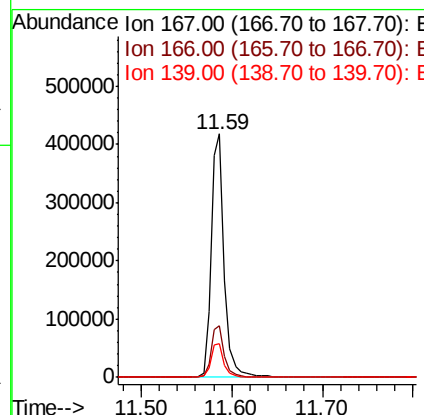
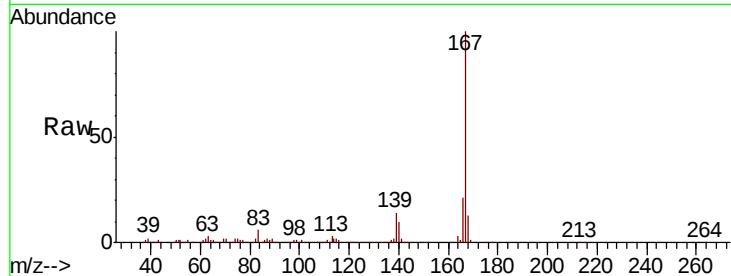
#73  
 Carbazole  
 Concen: 29.970 ng  
 RT: 11.59 min Scan# 1615  
 Delta R.T. 0.00 min  
 Lab File: BF112640.D  
 Acq: 20 Feb 2019 14:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.4  | 17.9  | 26.9  |
| 139     | 13.6  | 10.2  | 15.2  |

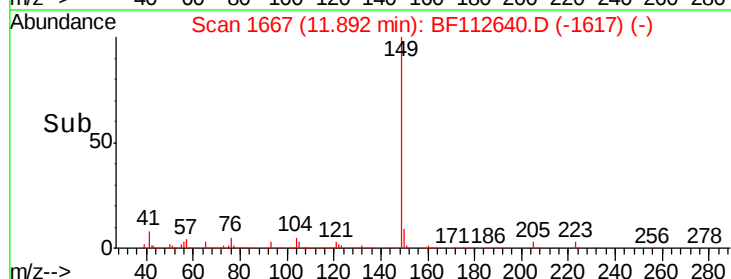
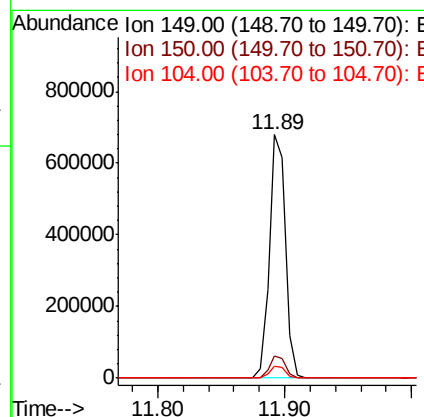
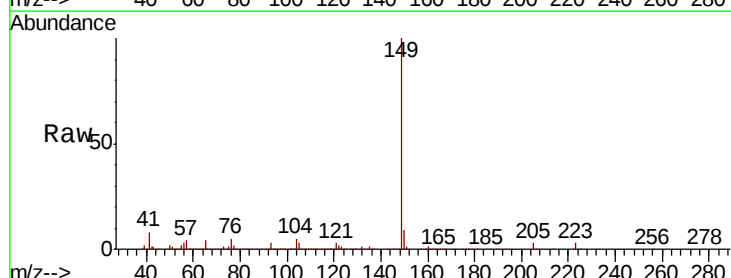
Manual Integrations  
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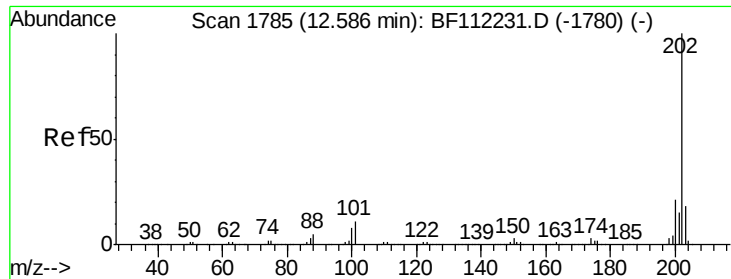
Sohil  
 2/21/2019 10:03:37 AM



#74  
 Di-n-butylphthalate  
 Concen: 34.684 ng  
 RT: 11.89 min Scan# 1667  
 Delta R.T. -0.01 min  
 Lab File: BF112640.D  
 Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.1   | 8.1   | 12.1  |
| 104     | 5.0   | 3.9   | 5.9   |





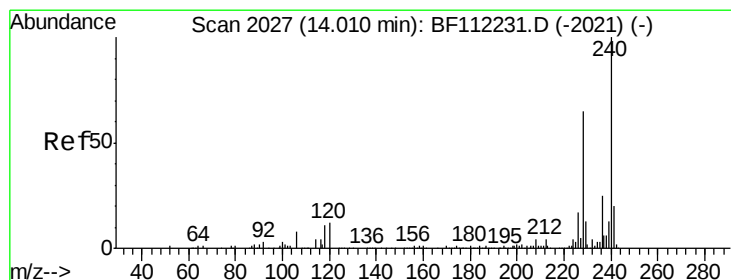
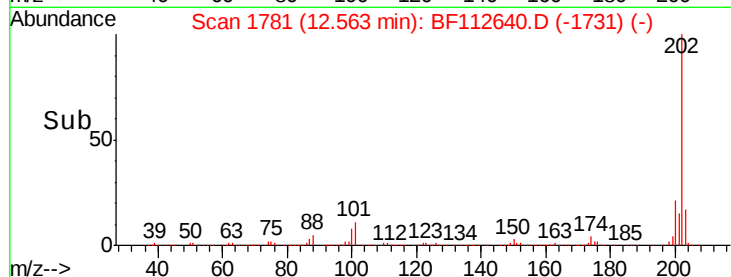
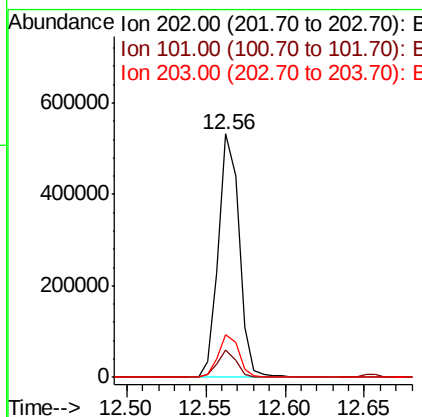
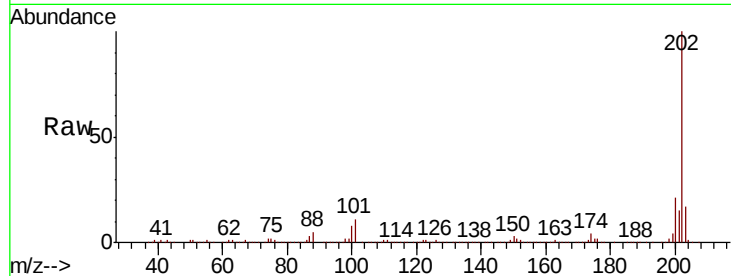
#75  
 Fluoranthene  
 Concen: 31.953 ng  
 RT: 12.56 min Scan# 1781  
 Delta R.T. -0.01 min  
 Lab File: BF112640.D  
 Acq: 20 Feb 2019 14:25

Instrument :  
 BNA\_F  
 ClientSampled :  
 MW-1MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 11.4  | 0.0        | 31.8  |
| 203     | 17.3  | 0.0        | 38.4  |

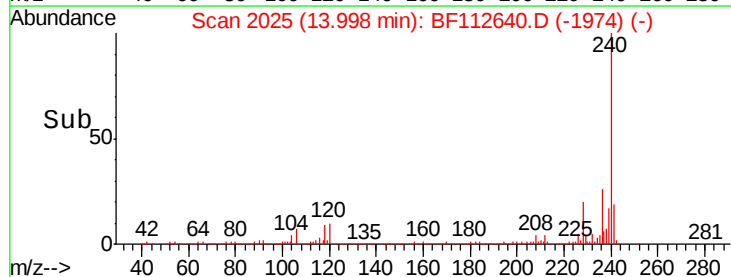
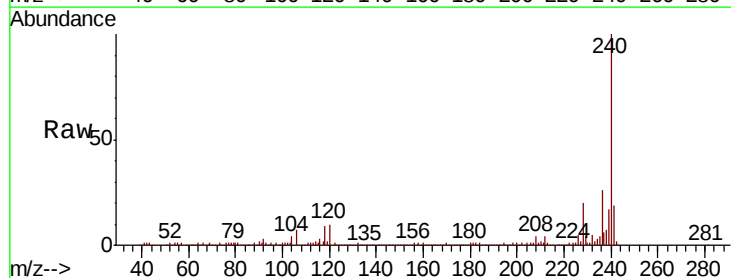
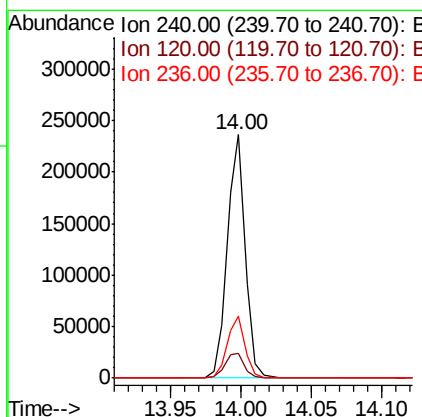
Manual Integrations  
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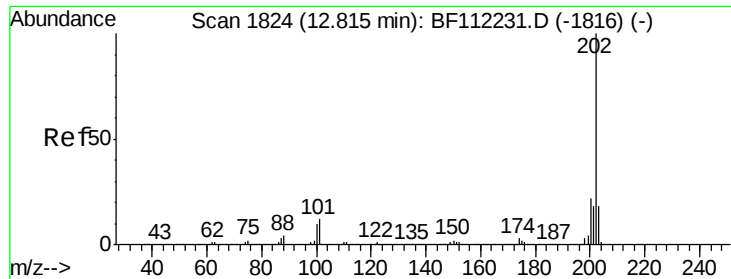
Sohil  
 2/21/2019 10:03:37 AM



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.00 min Scan# 2025  
 Delta R.T. 0.00 min  
 Lab File: BF112640.D  
 Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 10.0  | 9.0        | 13.6  |
| 236     | 25.5  | 20.7       | 31.1  |





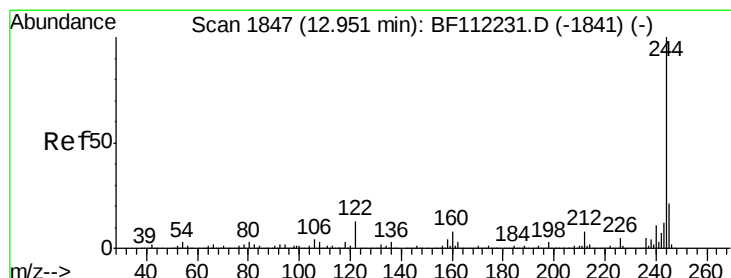
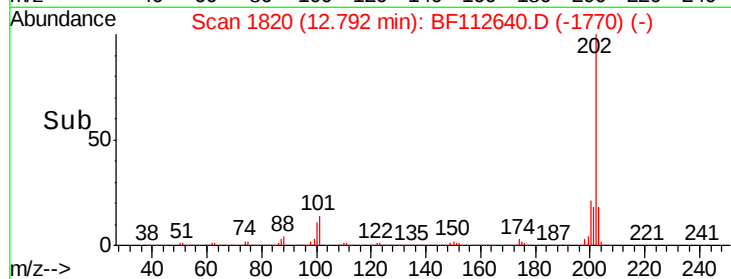
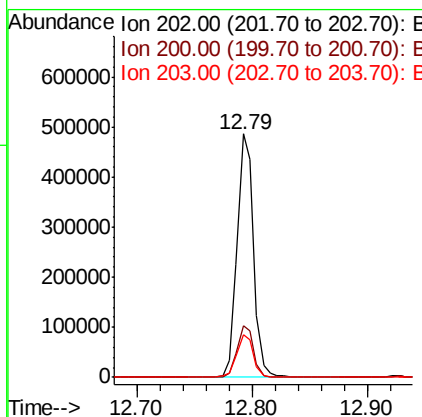
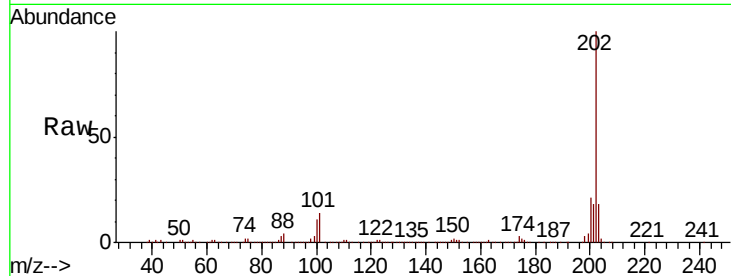
#78  
Pvrene  
Concen: 33.291 ng  
RT: 12.79 min Scan# 1820  
Delta R.T. -0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.0  | 17.7  | 26.5  |
| 203     | 17.5  | 14.6  | 22.0  |

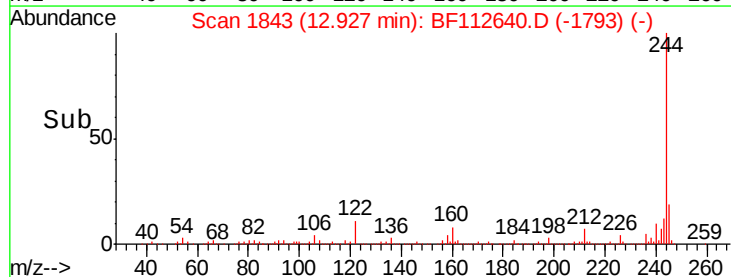
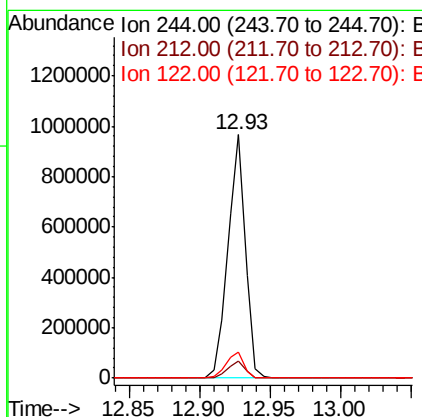
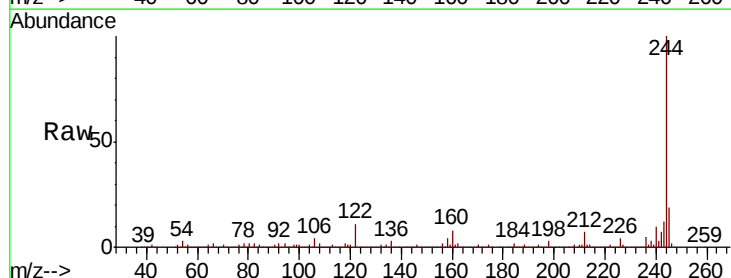
Manual Integrations  
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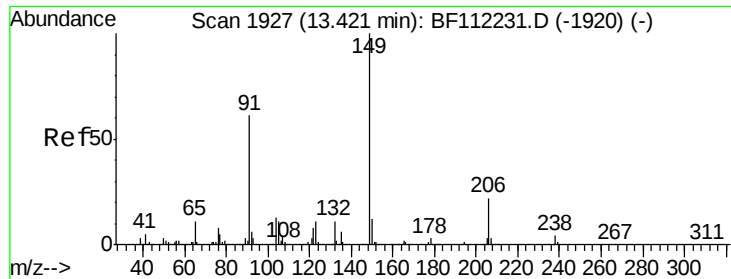
Sohil  
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#79  
Terphenyl-d14  
Concen: 74.770 ng  
RT: 12.93 min Scan# 1843  
Delta R.T. -0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.0   | 5.9   | 8.9   |
| 122     | 10.6  | 9.8   | 14.6  |





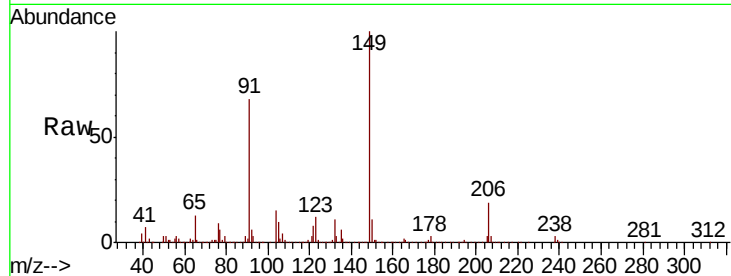
#80  
Butylbenzylphthalate  
Concen: 34.138 ng  
RT: 13.39 min Scan# 1922  
Delta R.T. 0.00 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 68.4  | 50.3  | 75.5  |
| 206     | 18.6  | 18.2  | 27.4  |

Manual Integrations  
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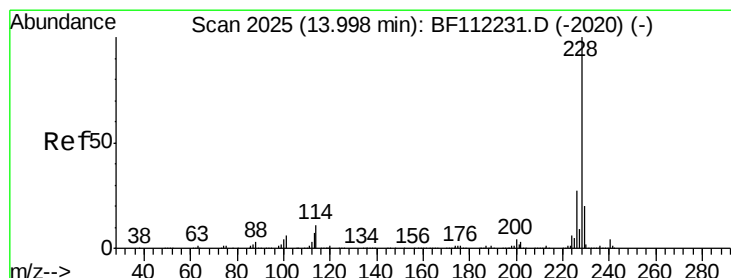
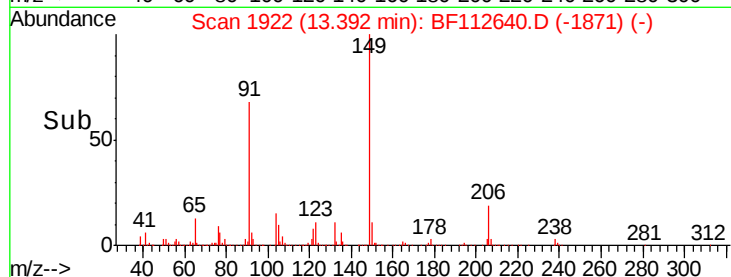
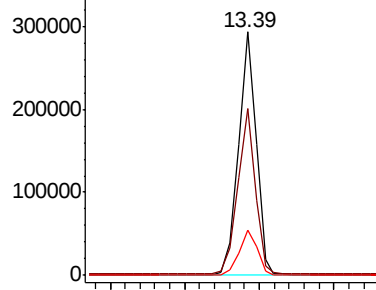


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#81  
Benzo(a)anthracene  
Concen: 33.323 ng  
RT: 13.99 min Scan# 2023  
Delta R.T. -0.01 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

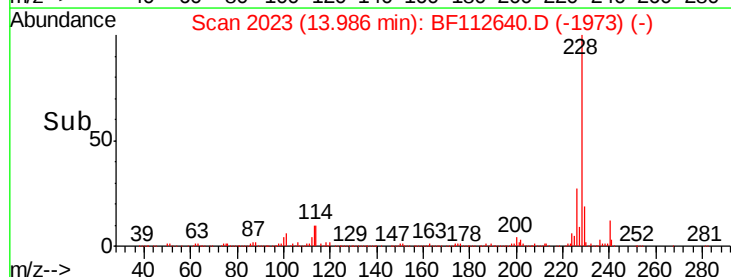
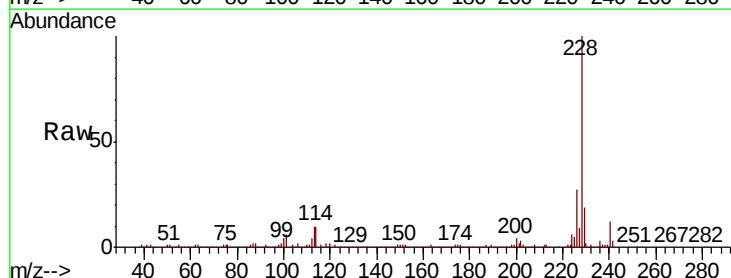
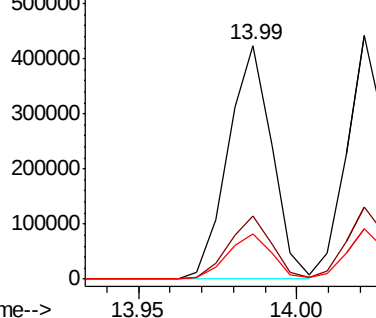
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.2  | 22.6  | 34.0  |
| 229     | 19.4  | 16.5  | 24.7  |

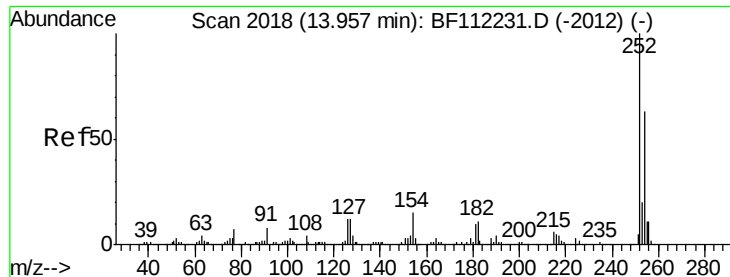
Abundance

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





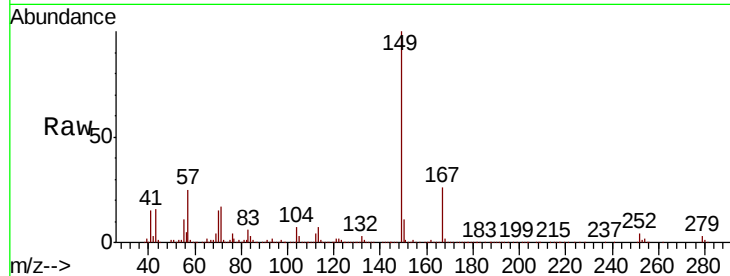
#82  
 3,3'-Dichlorobenzidine  
 Concen: 3.315 ng  
 RT: 13.95 min Scan# 2016  
 Delta R.T. 0.01 min  
 Lab File: BF112640.D  
 Acq: 20 Feb 2019 14:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 66.4  | 51.6  | 77.4  |
| 126     | 13.7  | 8.6   | 12.8  |

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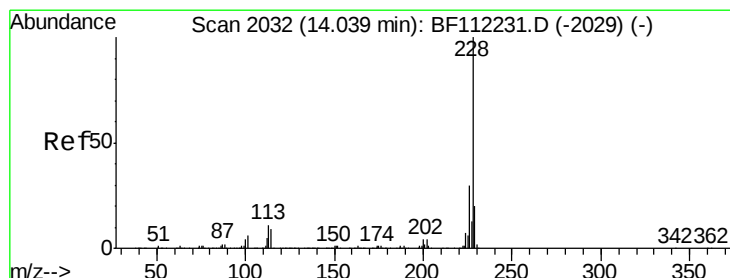
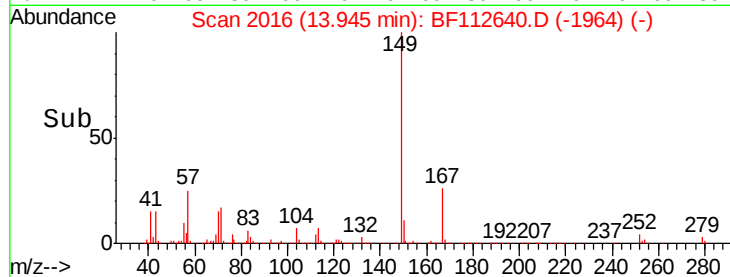
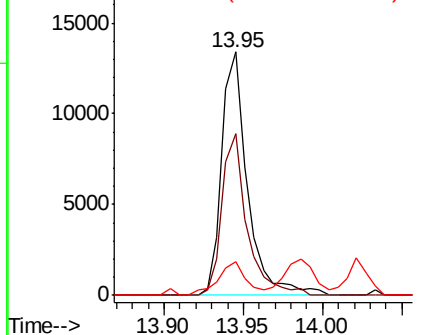


Abundance

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



#83  
 Chrysene  
 Concen: 32.671 ng  
 RT: 14.02 min Scan# 2029  
 Delta R.T. -0.01 min  
 Lab File: BF112640.D  
 Acq: 20 Feb 2019 14:25

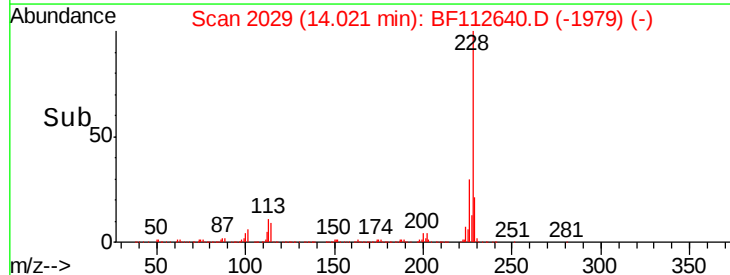
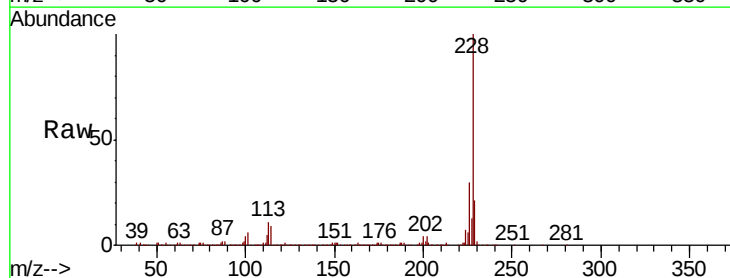
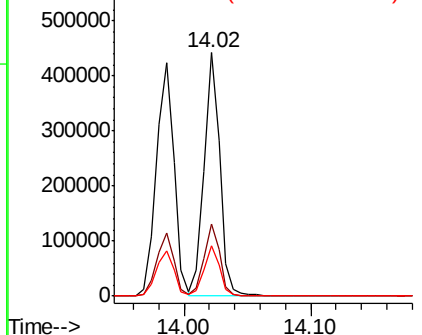
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.6  | 25.0  | 37.6  |
| 229     | 20.8  | 16.6  | 24.8  |

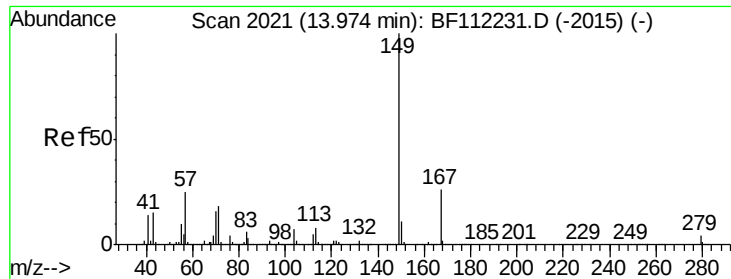
Abundance

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 35.865 ng

RT: 13.95 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

Instrument :

BNA\_F

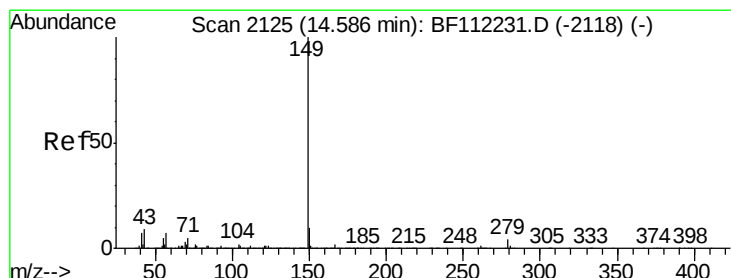
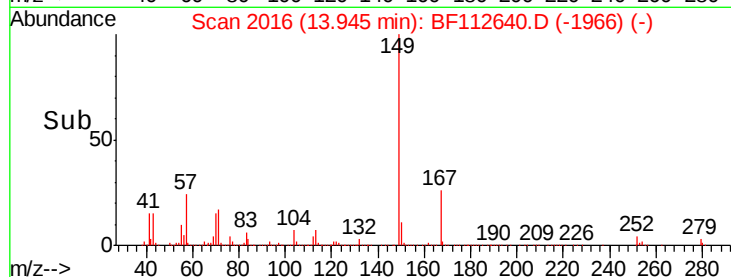
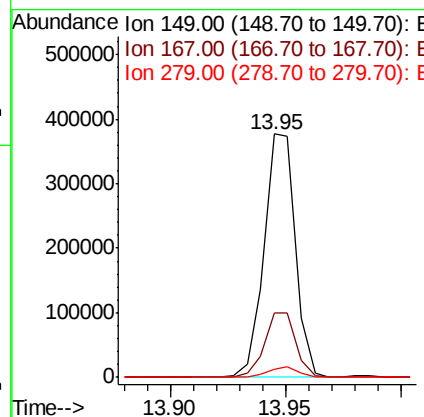
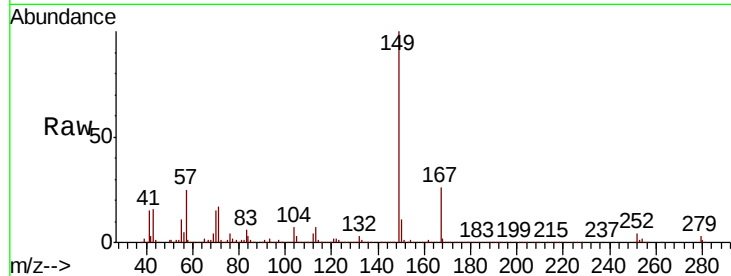
ClientSampleId :

MW-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 354662 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 26.3  | 22.5  | 33.7   |
| 279       | 3.3   | 3.8   | 5.6#   |

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#85

Di-n-octyl phthalate

Concen: 37.677 ng

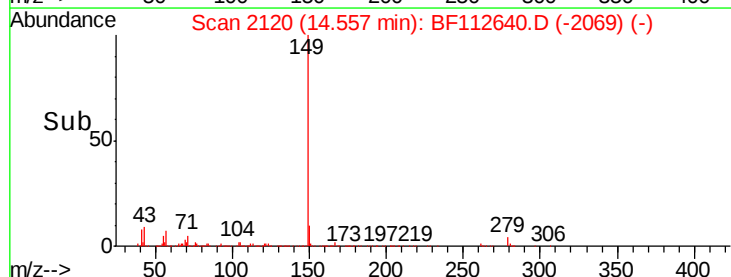
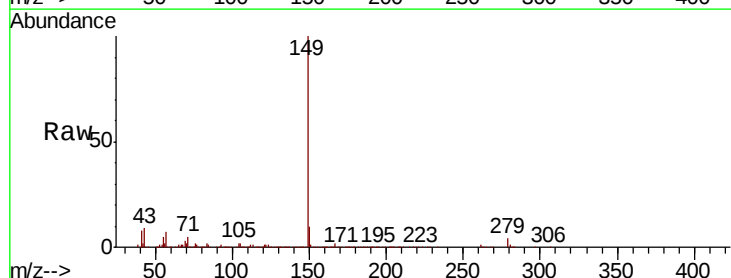
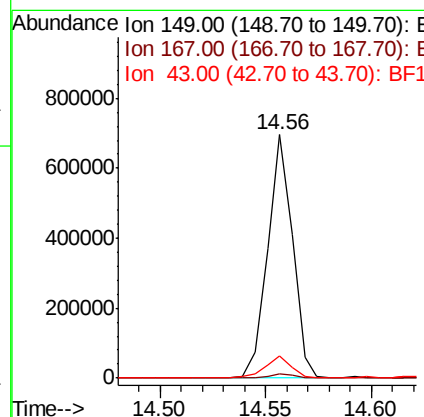
RT: 14.56 min Scan# 2120

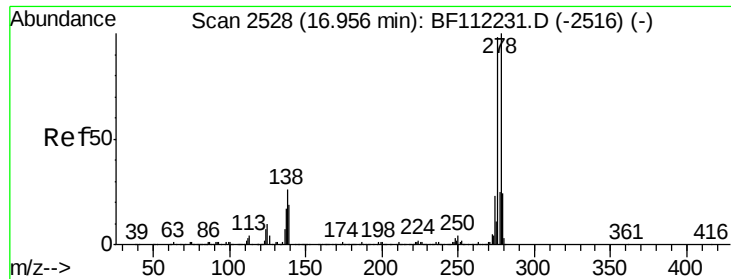
Delta R.T. 0.00 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 573223 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.9   | 1.3   | 1.9    |
| 43        | 8.7   | 7.8   | 11.6   |





#86

Indeno(1,2,3-cd)pyrene

Concen: 49.345 ng

RT: 16.97 min Scan# 2530

Delta R.T. 0.01 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

Instrument :

BNA\_F

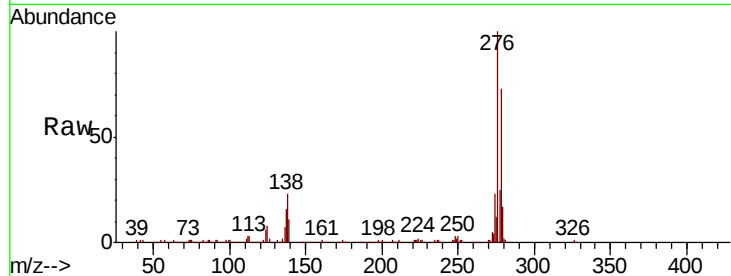
ClientSampleId :

MW-1MS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 276  | Resp: | 456297 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 138       | 24.4 | 22.6  | 34.0   |
| 277       | 26.3 | 20.3  | 30.5   |

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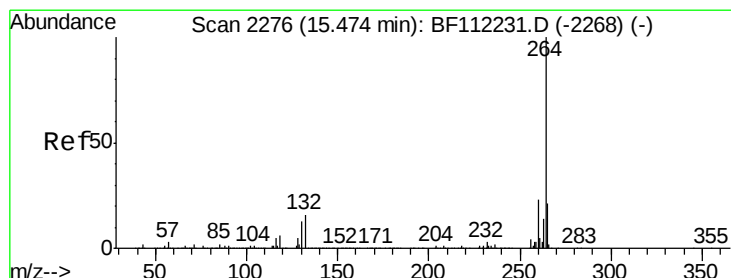
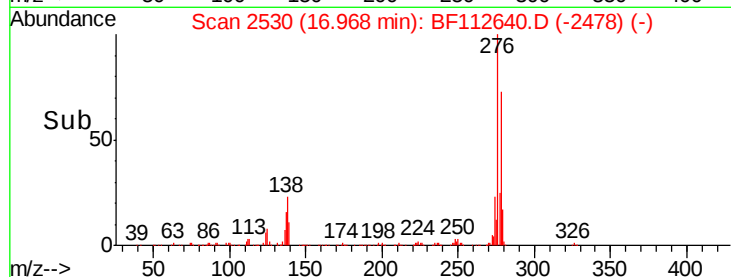
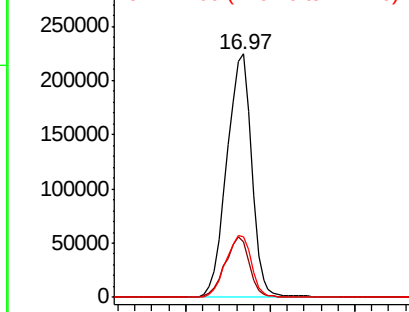


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

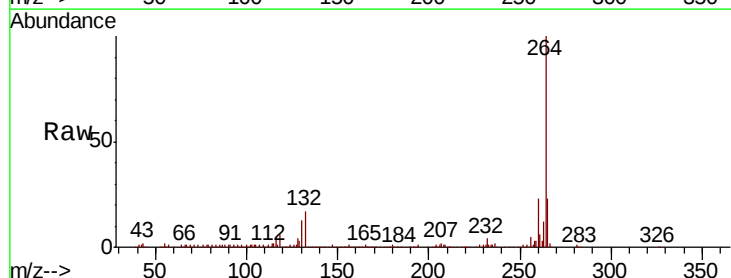
RT: 15.47 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF112640.D

Acq: 20 Feb 2019 14:25

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 264  | Resp: | 210512 |
| Ion Ratio |      | Lower | Upper  |
| 264       | 100  |       |        |
| 260       | 22.8 | 18.2  | 27.2   |
| 265       | 22.6 | 17.0  | 25.4   |

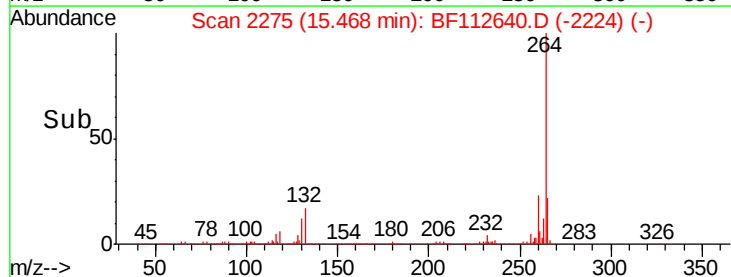
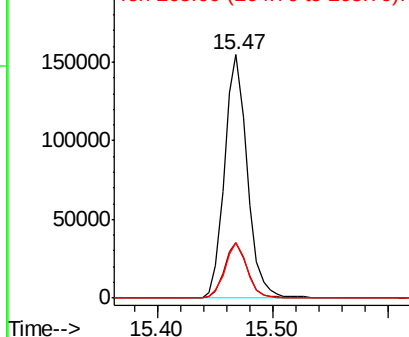


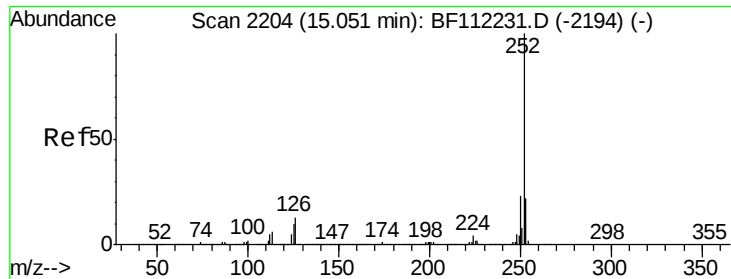
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





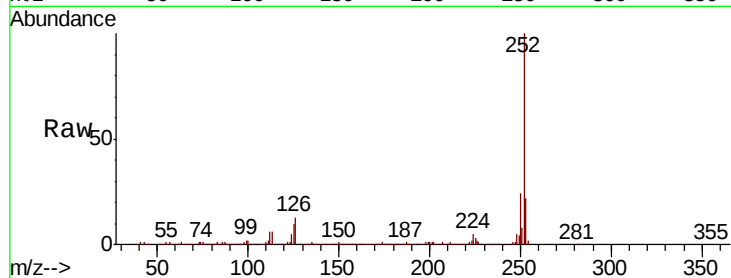
#88  
Benzo(b)fluoranthene  
Concen: 30.739 ng  
RT: 15.04 min Scan# 2202  
Delta R.T. 0.00 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampled :  
MW-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 18.0  | 27.0  |
| 125     | 9.8   | 8.7   | 13.1  |

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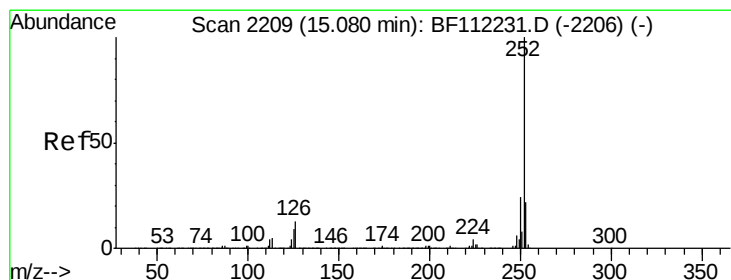
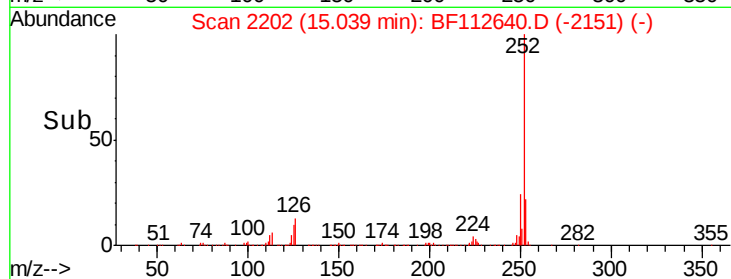
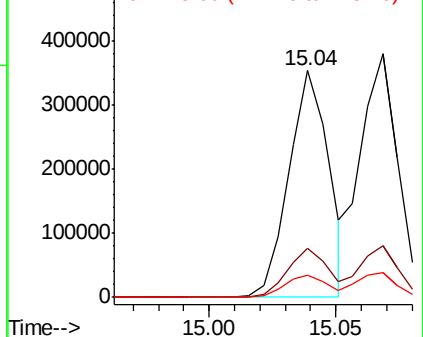


Abundance

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



#89  
Benzo(k)fluoranthene  
Concen: 32.830 ng  
RT: 15.07 min Scan# 2207  
Delta R.T. 0.00 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

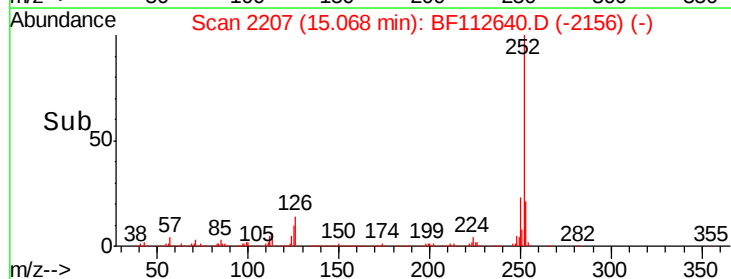
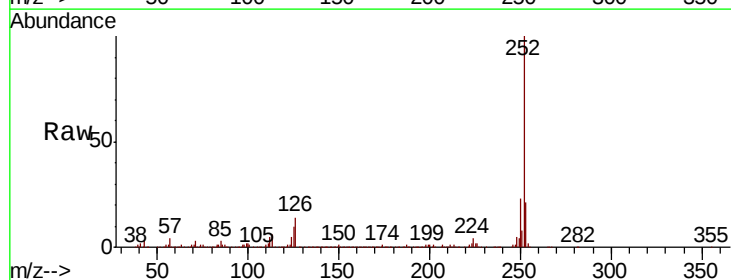
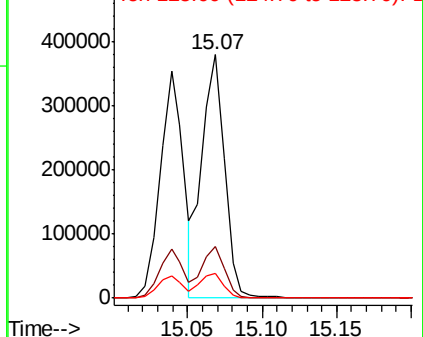
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.3  | 18.0  | 27.0  |
| 125     | 10.1  | 9.1   | 13.7  |

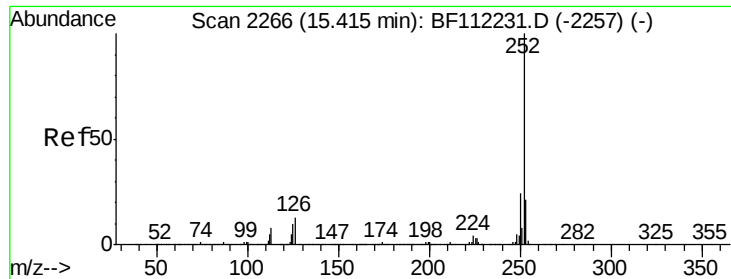
Abundance

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





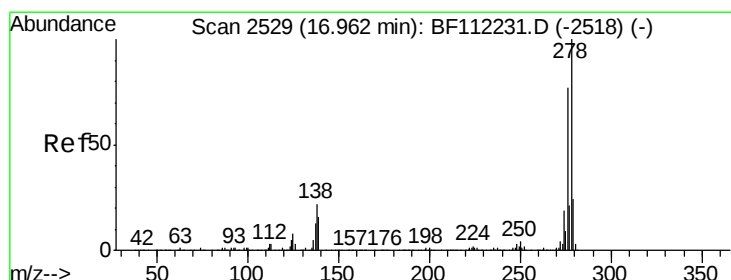
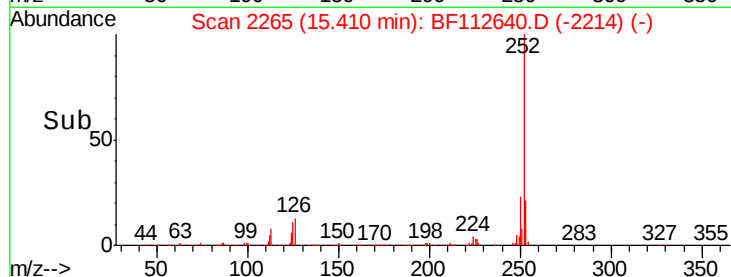
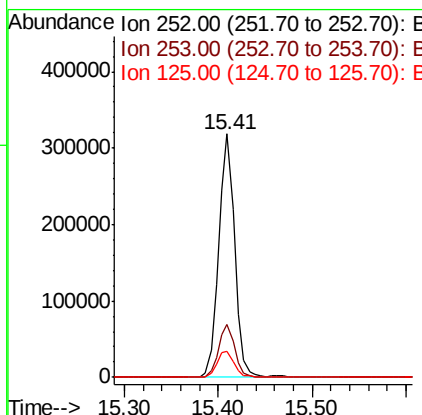
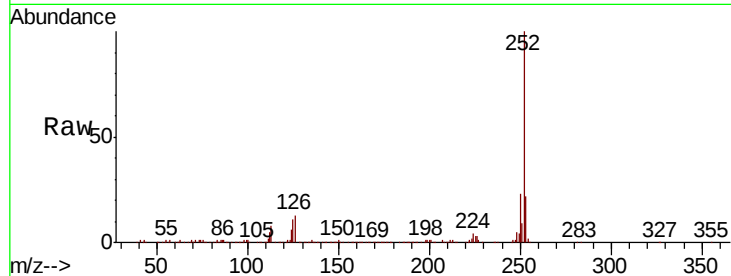
#90  
Benzo(a)pyrene  
Concen: 33.582 ng  
RT: 15.41 min Scan# 2265  
Delta R.T. 0.00 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.5  | 26.3  |
| 125     | 10.7  | 9.0   | 13.4  |

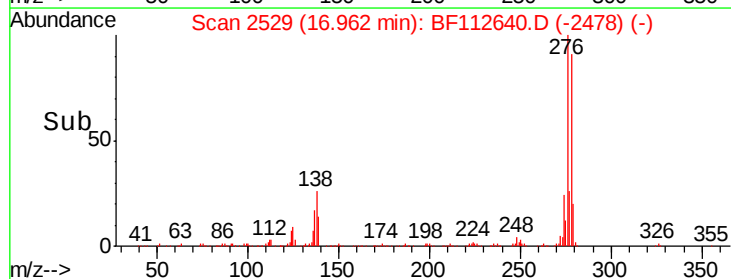
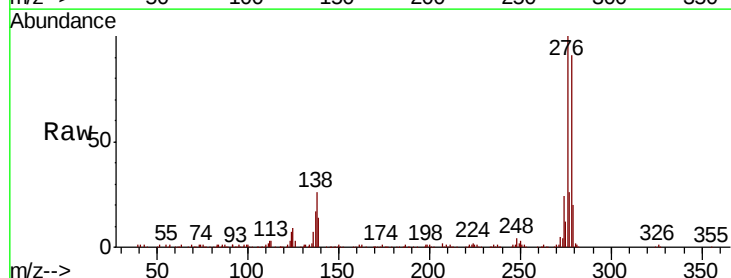
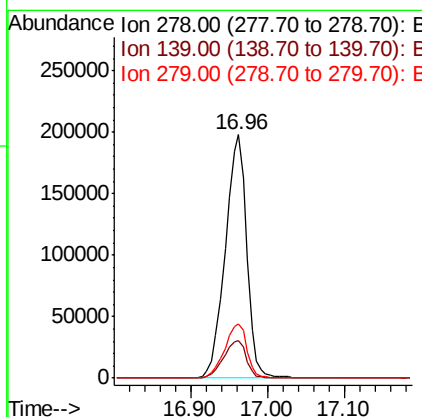
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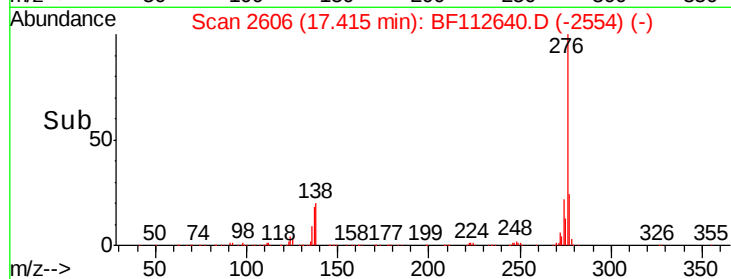
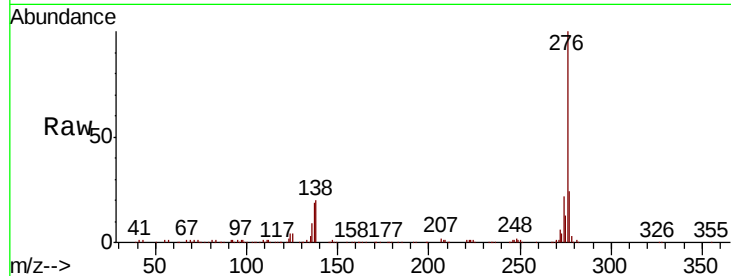
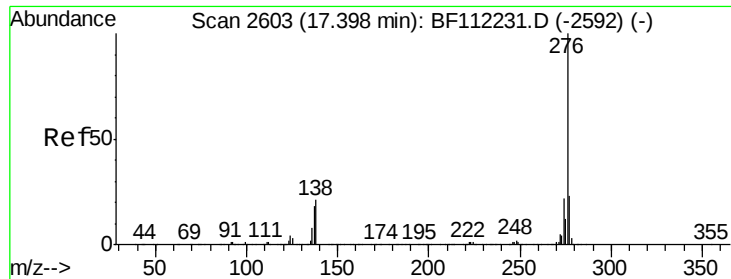
Sohil  
2/21/2019 10:03:37 AM



#91  
Dibenzo(a,h)anthracene  
Concen: 42.130 ng  
RT: 16.96 min Scan# 2529  
Delta R.T. 0.00 min  
Lab File: BF112640.D  
Acq: 20 Feb 2019 14:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.5  | 13.7  | 20.5  |
| 279     | 22.5  | 19.0  | 28.6  |





#92  
 Benzo(a,h,i)perylene  
 Concen: 43.951 ng  
 RT: 17.42 min Scan# 2606  
 Delta R.T. 0.01 min  
 Lab File: BF112640.D  
 Acq: 20 Feb 2019 14:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.6  | 19.4  | 29.0  |
| 138     | 19.8  | 19.1  | 28.7  |

Manual Integrations  
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 2/21/2019 10:03:37 AM

