

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\  
 Data File : BF110325.D  
 Acq On : 31 Oct 2018 11:49  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Sohil  
 11/1/2018 10:45:51 AM

Quant Time: Oct 31 14:10:23 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 29 12:32:31 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.97  | 152  | 88443    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.26  | 136  | 394560   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 10.02 | 164  | 194755   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.52 | 188  | 373330   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.17 | 240  | 283091   | 20.00 | ng    | 0.01     |
| 87) Perylene-d12          | 15.70 | 264  | 223047   | 20.00 | ng    | 0.02     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.59  | 112 | 456426  | 84.04 | ng | 0.00 |
| 7) Phenol-d6             | 6.60  | 99  | 586658  | 84.45 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.54  | 82  | 562953  | 84.63 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.82 | 330 | 164539  | 85.29 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.33  | 172 | 1051689 | 84.79 | ng | 0.00 |
| 79) Terphenyl-d14        | 13.10 | 244 | 1146125 | 84.20 | ng | 0.01 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.79 | 88  | 106779  | 37.526 | ng | 91     |
| 3) Pyridine                    | 3.58 | 79  | 257152  | 40.574 | ng | 87     |
| 4) n-Nitrosodimethylamine      | 3.55 | 42  | 114177  | 43.000 | ng | 88     |
| 6) Aniline                     | 6.64 | 93  | 380187  | 42.013 | ng | # 54   |
| 8) 2-Chlorophenol              | 6.76 | 128 | 268334  | 42.854 | ng | 97     |
| 9) Benzaldehyde                | 6.53 | 77  | 156018  | 38.168 | ng | 99     |
| 10) Phenol                     | 6.62 | 94  | 340434  | 45.846 | ng | # 65   |
| 11) bis(2-Chloroethyl)ether    | 6.71 | 93  | 249205  | 40.792 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.92 | 146 | 280519  | 40.709 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.99 | 146 | 282990  | 40.606 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.15 | 146 | 269324  | 41.629 | ng | 98     |
| 15) Benzyl Alcohol             | 7.12 | 79  | 239004  | 44.733 | ng | 91     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.24 | 45  | 398670  | 40.814 | ng | 70     |
| 17) 2-Methylphenol             | 7.22 | 107 | 213312  | 42.746 | ng | # 82   |
| 18) Hexachloroethane           | 7.49 | 117 | 108121  | 42.375 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.39 | 70  | 192185  | 43.123 | ng | # 96   |
| 20) 3+4-Methylphenols          | 7.37 | 107 | 280570  | 43.496 | ng | 96     |
| 22) Acetophenone               | 7.39 | 105 | 376038  | 41.361 | ng | 99     |
| 24) Nitrobenzene               | 7.56 | 77  | 288683  | 42.034 | ng | 92     |
| 25) Isophorone                 | 7.79 | 82  | 457921  | 40.384 | ng | 98     |
| 26) 2-Nitrophenol              | 7.87 | 139 | 148228  | 45.355 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 7.90 | 122 | 219342  | 40.480 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 8.00 | 93  | 313406  | 40.685 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.12 | 162 | 227796  | 41.612 | ng | 100    |
| 30) 1,2,4-Trichlorobenzene     | 8.20 | 180 | 247813  | 40.415 | ng | 95     |
| 31) Naphthalene                | 8.28 | 128 | 739612  | 40.672 | ng | 99     |
| 32) Benzoic acid               | 8.02 | 122 | 116198m | 27.746 | ng |        |
| 33) 4-Chloroaniline            | 8.33 | 127 | 340349  | 41.586 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.39 | 225 | 140727  | 41.334 | ng | 99     |
| 35) Caprolactam                | 8.71 | 113 | 78309   | 41.042 | ng | # 86   |
| 36) 4-Chloro-3-methylphenol    | 8.81 | 107 | 249377  | 42.127 | ng | 93     |
| 37) 2-Methylnaphthalene        | 8.97 | 142 | 499914  | 41.550 | ng | 97     |
| 38) 1-Methylnaphthalene        | 9.07 | 142 | 479529  | 41.243 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.14 | 216 | 245707  | 40.491 | ng | 98     |

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Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

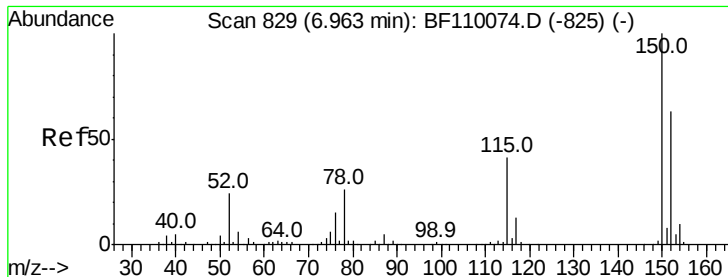
Sohil  
 11/1/2018 10:45:51 AM

Quant Time: Oct 31 14:10:23 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 29 12:32:31 2018  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.12  | 237  | 110734   | 35.688 | nq    | 100      |
| 43) 2,4,6-Trichlorophenol      | 9.25  | 196  | 157038   | 40.123 | nq    | 94       |
| 44) 2,4,5-Trichlorophenol      | 9.29  | 196  | 170207   | 41.141 | nq    | 96       |
| 46) 1,1'-Biphenyl              | 9.44  | 154  | 721724   | 40.980 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.47  | 162  | 517584   | 40.065 | nq    | 99       |
| 48) 2-Nitroaniline             | 9.56  | 65   | 166365   | 42.497 | nq    | 95       |
| 49) Acenaphthylene             | 9.89  | 152  | 764901   | 40.994 | nq    | 99       |
| 50) Dimethylphthalate          | 9.73  | 163  | 597003   | 41.527 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.80  | 165  | 131924   | 42.601 | nq    | 96       |
| 52) Acenaphthene               | 10.06 | 154  | 471330   | 38.183 | nq    | 98       |
| 53) 3-Nitroaniline             | 9.98  | 138  | 157393   | 42.740 | nq    | 89       |
| 54) 2,4-Dinitrophenol          | 10.09 | 184  | 49388    | 42.760 | nq    | 93       |
| 55) Dibenzofuran               | 10.23 | 168  | 702292   | 40.636 | nq    | 99       |
| 56) 4-Nitrophenol              | 10.13 | 139  | 108163   | 39.685 | nq    | 98       |
| 57) 2,4-Dinitrotoluene         | 10.22 | 165  | 177960   | 45.243 | nq    | # 85     |
| 58) Fluorene                   | 10.57 | 166  | 535895   | 41.664 | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.35 | 232  | 135115   | 40.068 | nq    | 94       |
| 60) Diethylphthalate           | 10.43 | 149  | 590415   | 42.071 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.56 | 204  | 280196   | 41.294 | nq    | 99       |
| 62) 4-Nitroaniline             | 10.60 | 138  | 158171   | 43.184 | nq    | 90       |
| 63) Azobenzene                 | 10.72 | 77   | 563910   | 40.482 | nq    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.63 | 198  | 70858    | 41.543 | nq    | 95       |
| 66) n-Nitrosodiphenylamine     | 10.68 | 169  | 501485   | 40.953 | nq    | 96       |
| 67) 4-Bromophenyl-phenylether  | 11.05 | 248  | 165438   | 40.853 | nq    | 93       |
| 68) Hexachlorobenzene          | 11.13 | 284  | 177457   | 41.301 | nq    | 99       |
| 69) Atrazine                   | 11.20 | 200  | 161957   | 41.852 | nq    | 99       |
| 70) Pentachlorophenol          | 11.32 | 266  | 94167    | 37.585 | nq    | 99       |
| 71) Phenanthrene               | 11.54 | 178  | 797443   | 40.823 | nq    | 99       |
| 72) Anthracene                 | 11.59 | 178  | 806699   | 41.200 | nq    | 100      |
| 73) Carbazole                  | 11.75 | 167  | 794627   | 41.565 | nq    | 99       |
| 74) Di-n-butylphthalate        | 12.06 | 149  | 925737   | 42.875 | nq    | 100      |
| 75) Fluoranthene               | 12.74 | 202  | 817152   | 41.218 | nq    | 98       |
| 77) Benzidine                  | 12.85 | 184  | 357472   | 44.751 | nq    | 98       |
| 78) Pyrene                     | 12.97 | 202  | 848423   | 41.804 | nq    | 98       |
| 80) Butylbenzylphthalate       | 13.56 | 149  | 382342   | 43.404 | nq    | 98       |
| 81) Benzo(a)anthracene         | 14.16 | 228  | 689048   | 41.044 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.12 | 252  | 228164   | 39.030 | nq    | 99       |
| 83) Chrysene                   | 14.20 | 228  | 652863   | 40.944 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 14.12 | 149  | 481487   | 40.434 | nq    | 96       |
| 85) Di-n-octyl phthalate       | 14.74 | 149  | 790537   | 42.695 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.30 | 276  | 517914   | 39.153 | nq    | 98       |
| 88) Benzo(b)fluoranthene       | 15.25 | 252  | 541447   | 42.037 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 15.28 | 252  | 528254   | 41.718 | nq    | 98       |
| 90) Benzo(a)pyrene             | 15.64 | 252  | 492004   | 41.513 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.32 | 278  | 429201   | 41.970 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.79 | 276  | 424325   | 42.107 | nq    | 99       |

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





#1

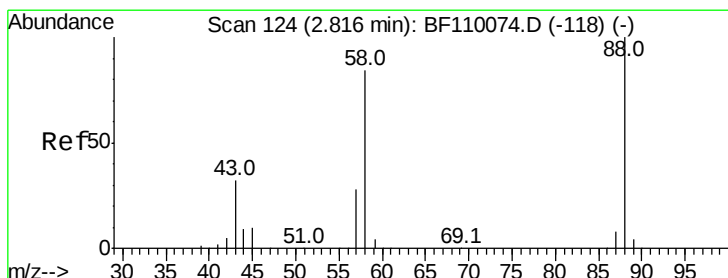
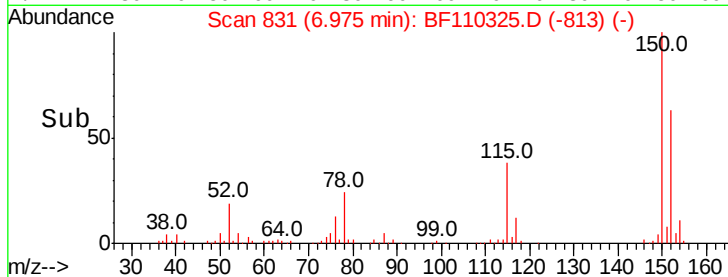
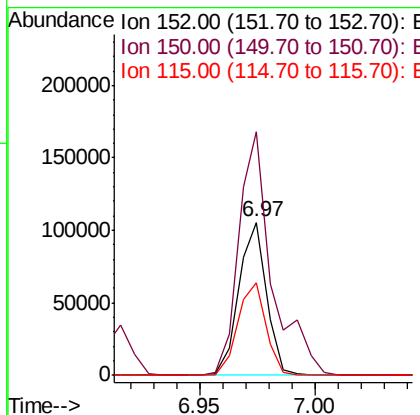
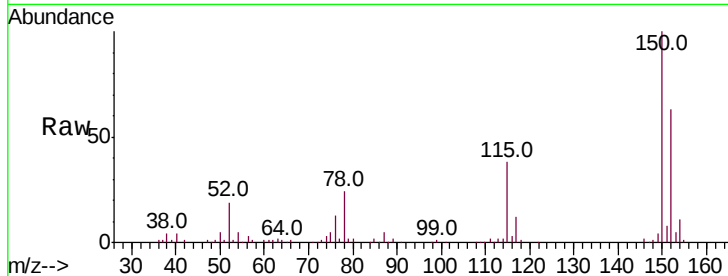
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.97 min Scan# 831  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.1 | 122.7 | 184.1 |
| 115     | 60.5  | 49.1  | 73.7  |

Manual Integrations  
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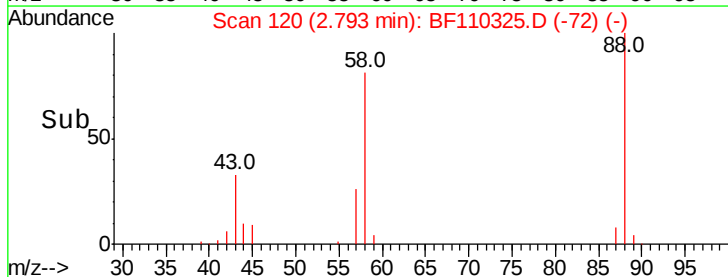
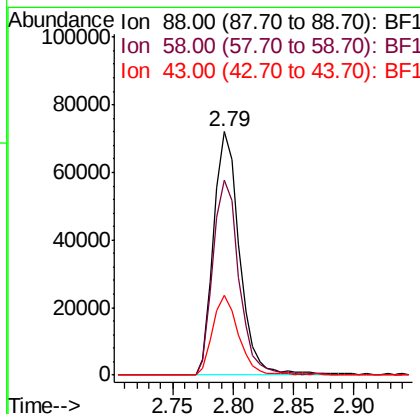
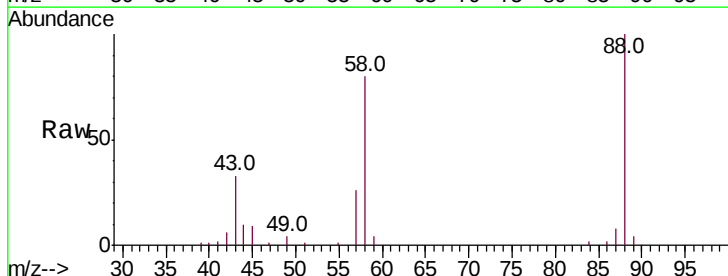
Sohil  
11/1/2018 10:45:51 AM



#2

1,4-Dioxane  
Concen: 37.526 ng  
RT: 2.79 min Scan# 120  
Delta R.T. -0.02 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 80.2  | 57.1  | 85.7  |
| 43      | 32.1  | 24.1  | 36.1  |





#3

Pvridine

Concen: 40.574 ng

RT: 3.58 min Scan# 254

Delta R.T. -0.01 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

Instrument :

BNA\_F

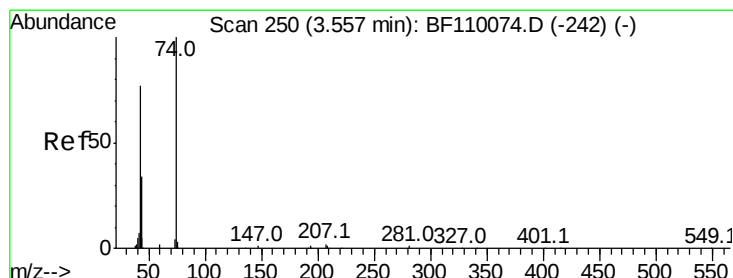
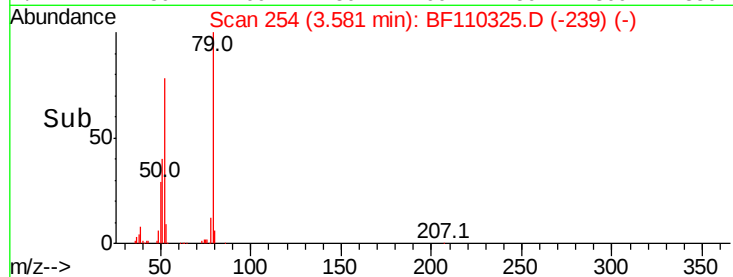
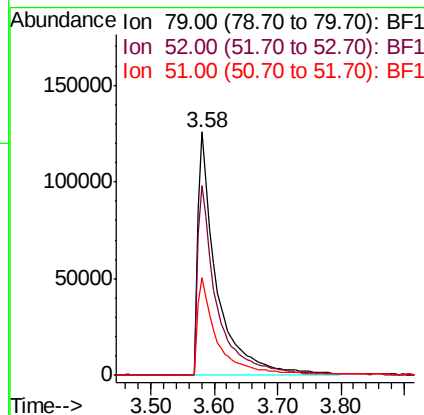
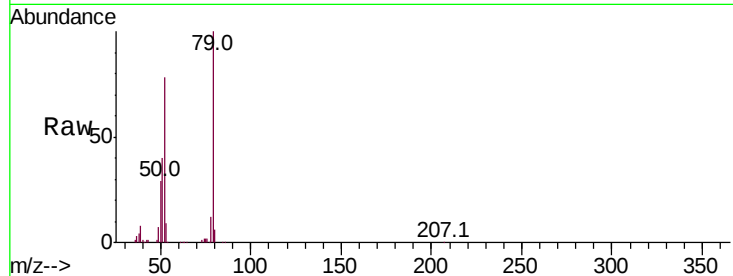
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 257152 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 77.9  | 53.1  | 79.7   |
| 51        | 40.3  | 27.4  | 41.2   |

Manual Integrations  
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11/1/2018 10:45:51 AM



#4

n-Nitrosodimethylamine

Concen: 43.000 ng

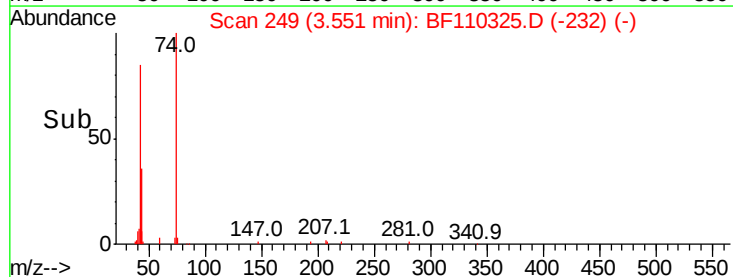
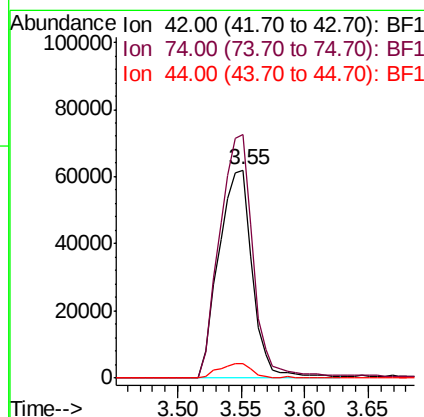
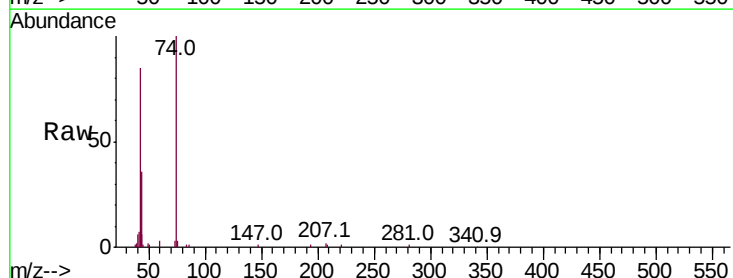
RT: 3.55 min Scan# 249

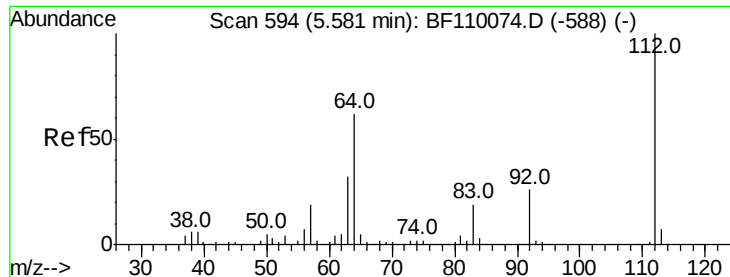
Delta R.T. -0.00 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 114177 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 117.1 | 105.5 | 158.3  |
| 44        | 7.3   | 4.9   | 7.3    |





#5

2-Fluorophenol

Concen: 84.039 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.01 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

Instrument :

BNA\_F

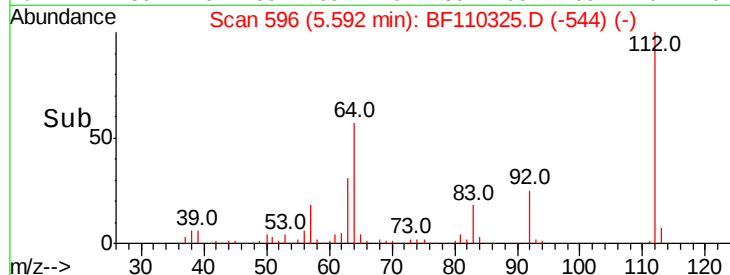
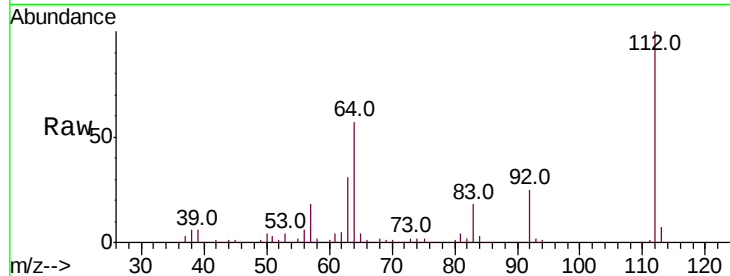
ClientSampleId :

SSTDCCC040

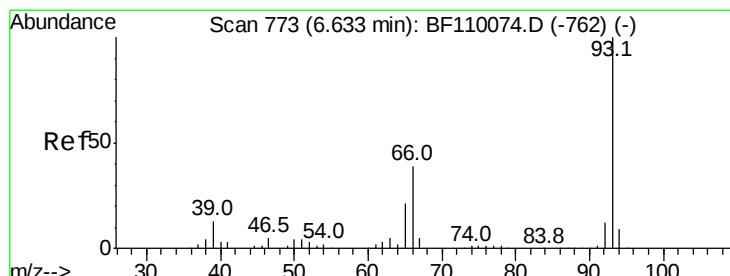
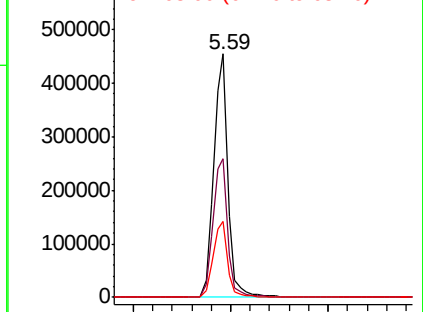
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 456426 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 57.2  | 44.1  | 66.1   |
| 63        | 31.0  | 23.7  | 35.5   |

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Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 42.013 ng

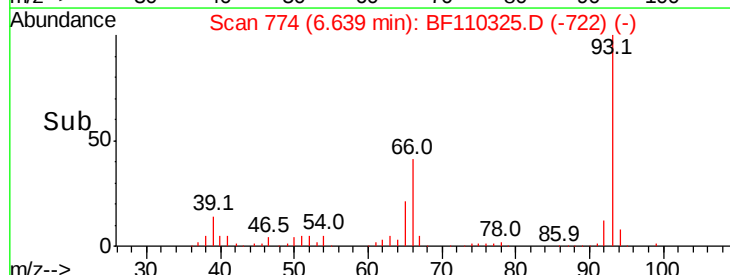
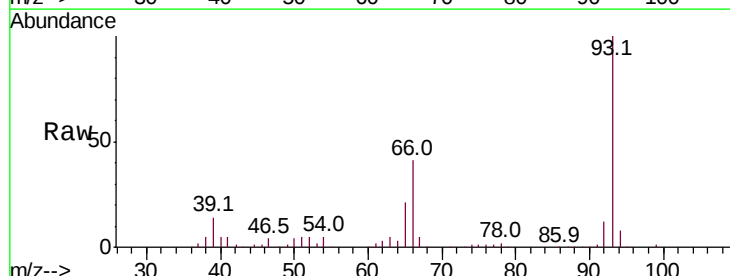
RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

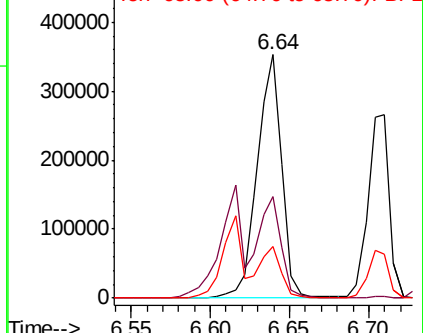
Lab File: BF110325.D

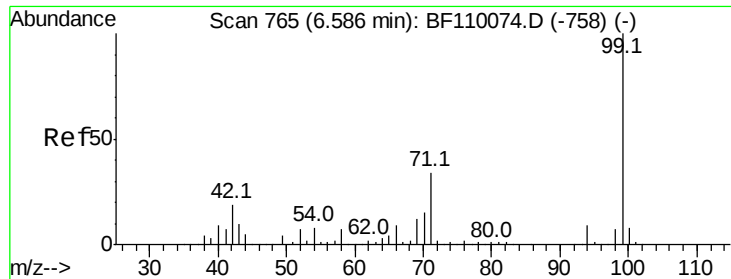
Acq: 31 Oct 2018 11:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 380187 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 41.5  | 67.4  | 101.0# |
| 65        | 21.2  | 41.0  | 61.4#  |



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 84.450 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

Instrument :

BNA\_F

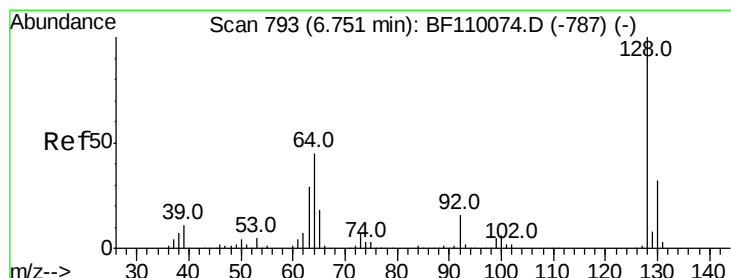
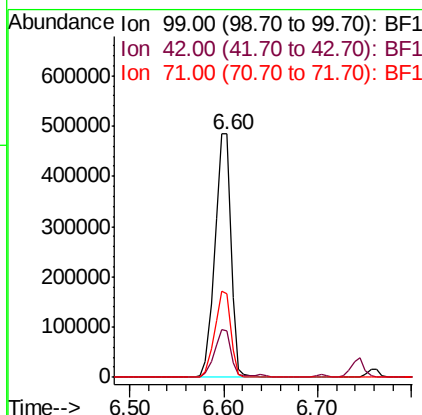
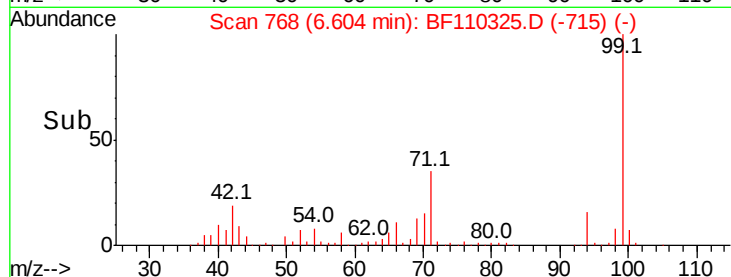
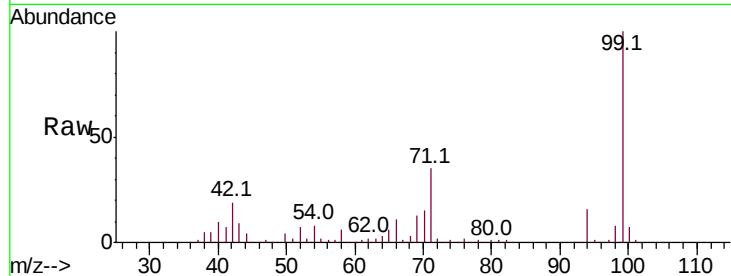
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 586658 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 19.2  | 15.8  | 23.6   |
| 71        | 34.6  | 28.0  | 42.0   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 42.854 ng

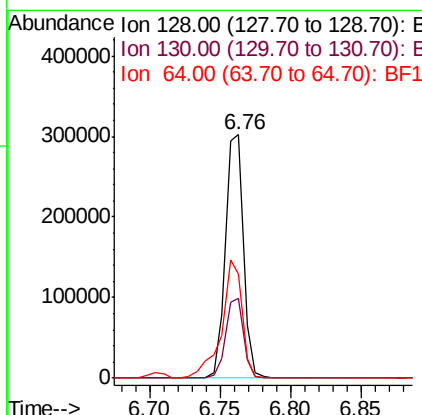
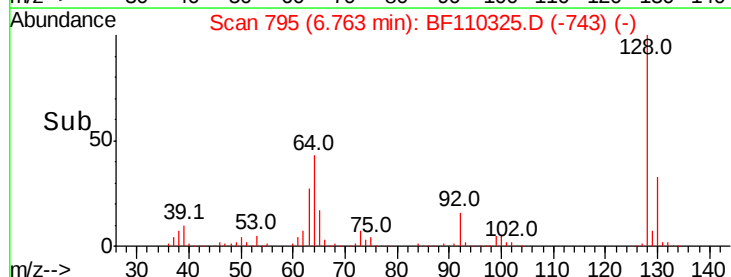
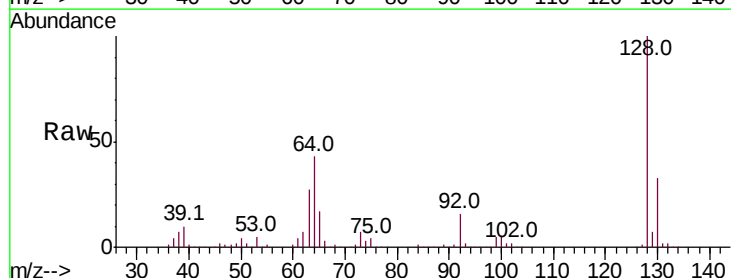
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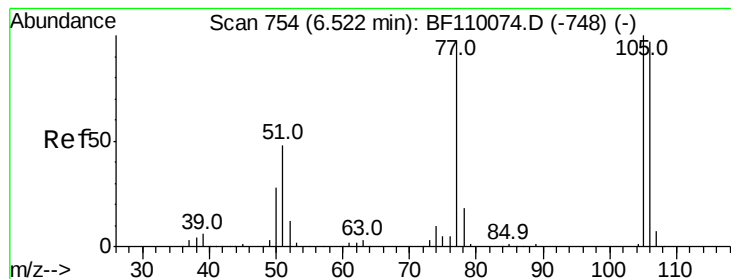
Delta R.T. 0.01 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 268334 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.9  | 13.1  | 53.1   |
| 64        | 42.6  | 26.0  | 66.0   |





#9

Benzaldehyde

Concen: 38.168 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

Instrument :

BNA\_F

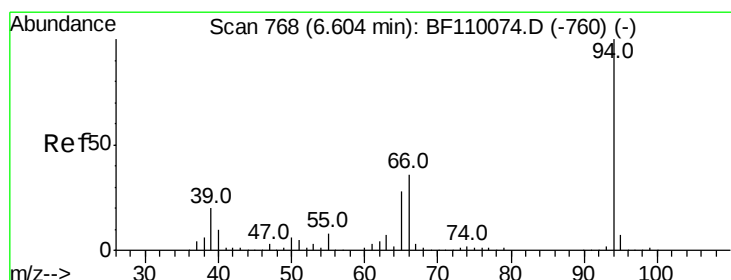
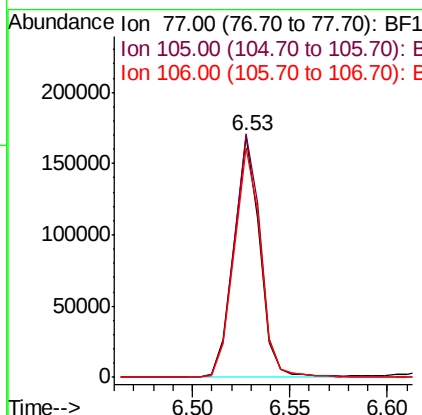
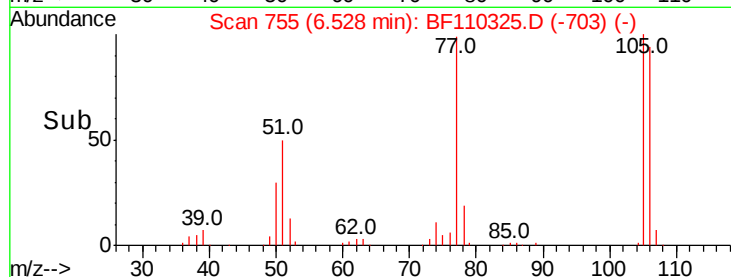
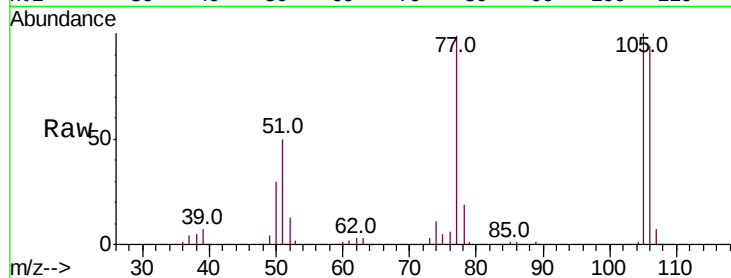
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 156018 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 100.9 | 78.6  | 118.6  |
| 106       | 95.4  | 74.8  | 114.8  |

Manual Integrations  
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Sohil  
11/1/2018 10:45:51 AM



#10

Phenol

Concen: 45.846 ng

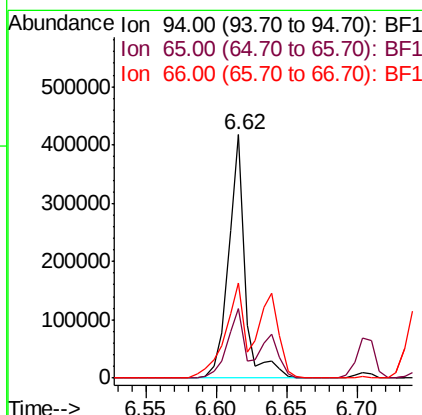
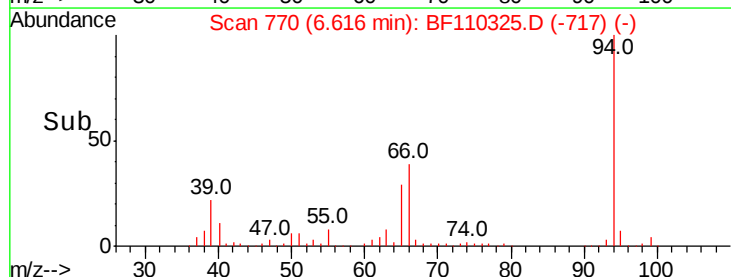
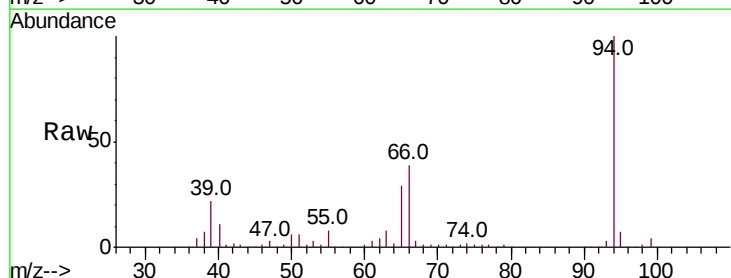
RT: 6.62 min Scan# 770

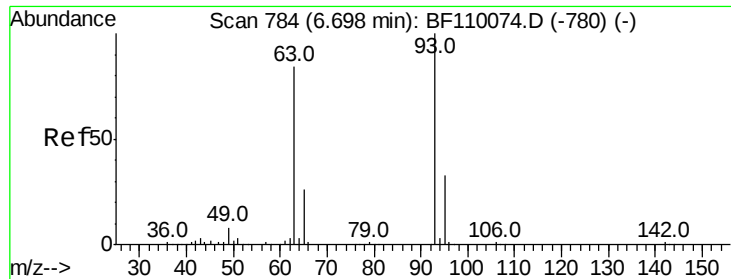
Delta R.T. 0.01 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 340434 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 28.8  | 25.3  | 65.3   |
| 66        | 39.2  | 54.5  | 94.5#  |





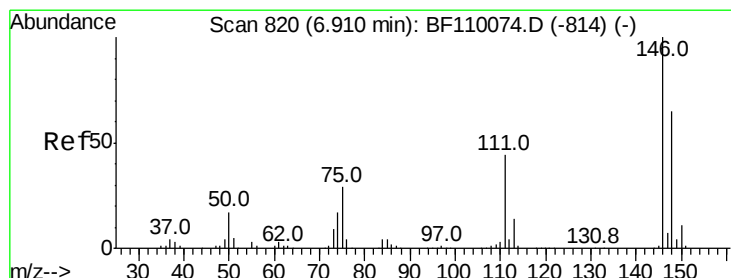
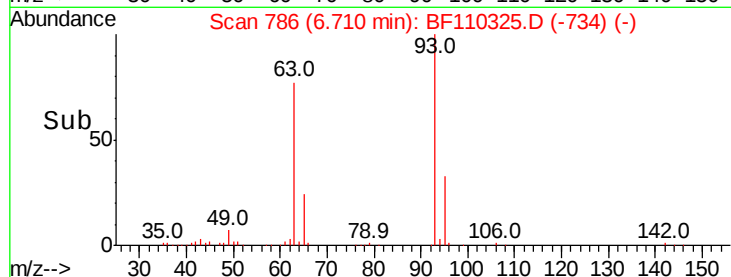
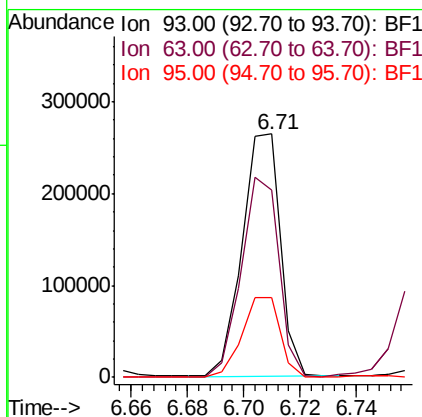
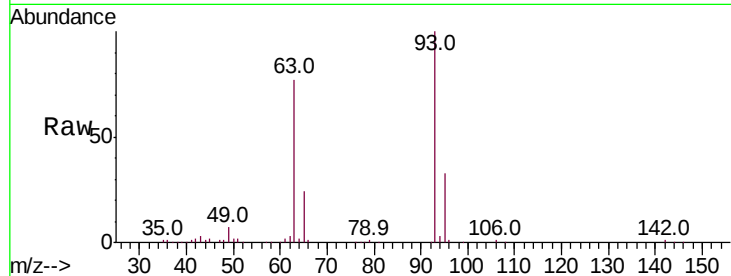
#11  
bis(2-Chloroethyl)ether  
Concen: 40.792 ng  
RT: 6.71 min Scan# 786  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 249205 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 77.0  | 53.4  | 93.4   |
| 95        | 32.9  | 12.1  | 52.1   |

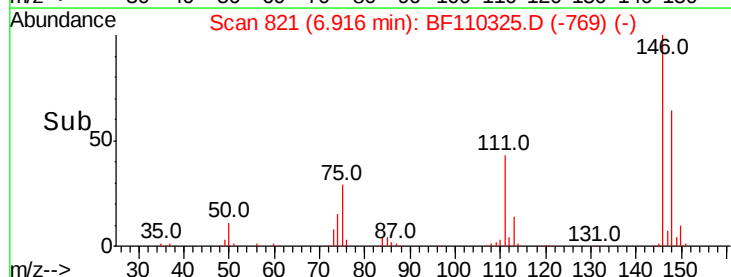
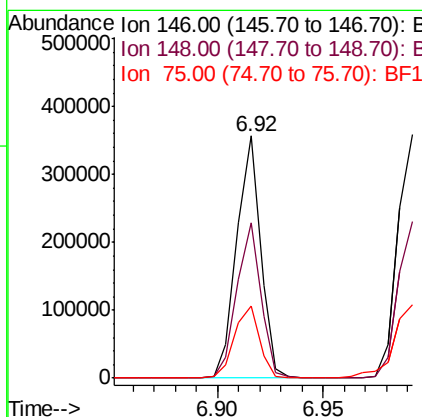
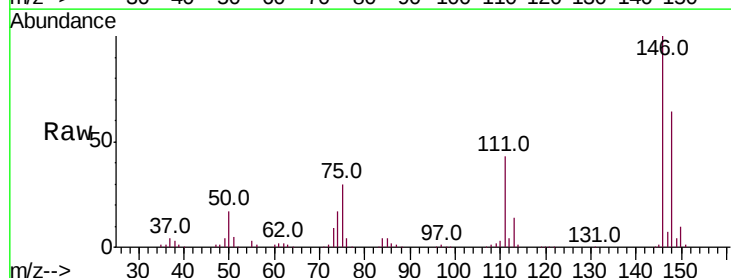
Manual Integrations  
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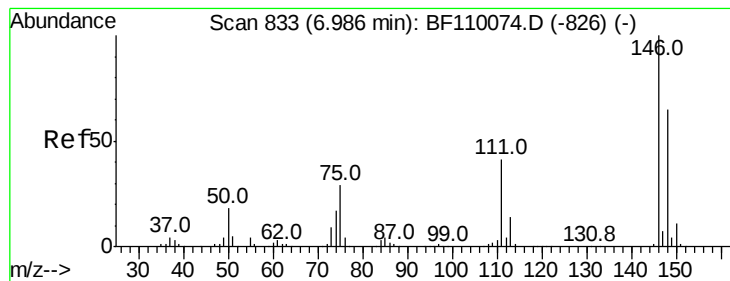
Sohil  
11/1/2018 10:45:51 AM



#12  
1,3-Dichlorobenzene  
Concen: 40.709 ng  
RT: 6.92 min Scan# 821  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 280519 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.9  | 50.4  | 75.6   |
| 75        | 29.7  | 25.8  | 38.6   |





#13

1,4-Dichlorobenzene

Concen: 40.606 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

Instrument :

BNA\_F

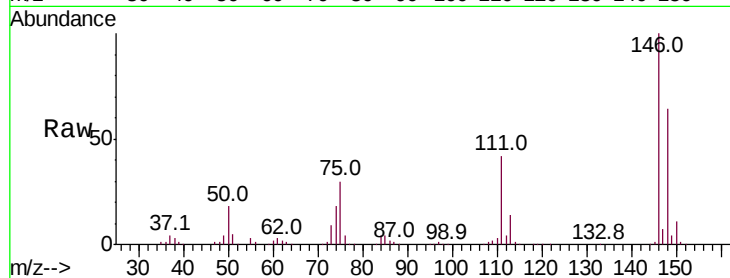
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 282990 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.3  | 50.3  | 75.5   |
| 111       | 42.2  | 32.7  | 49.1   |

Manual Integrations  
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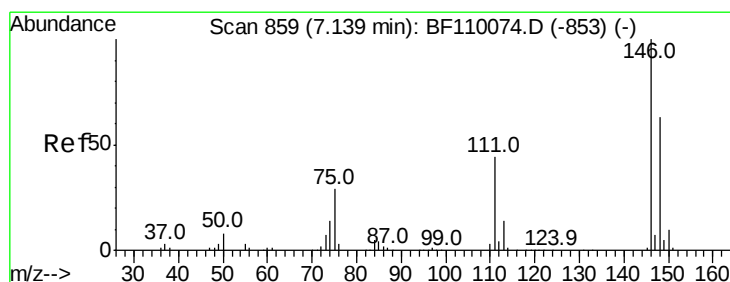
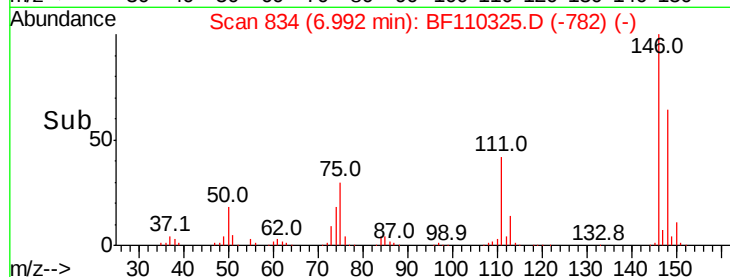
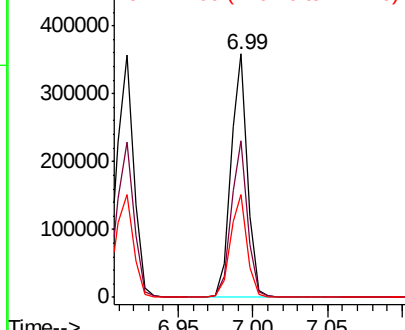


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.629 ng

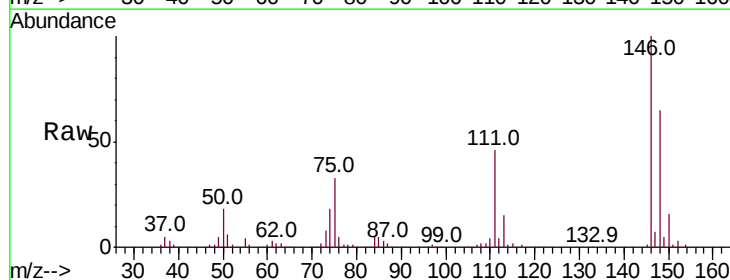
RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 269324 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.4  | 51.1  | 76.7   |
| 111       | 45.9  | 35.8  | 53.6   |

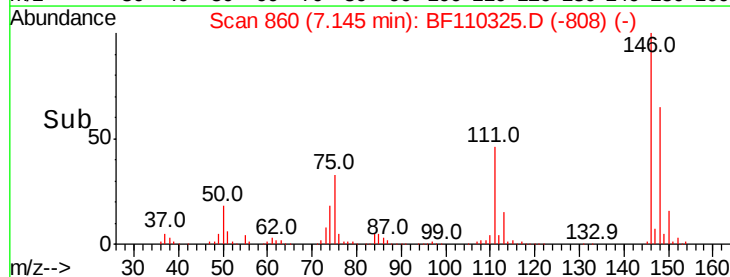
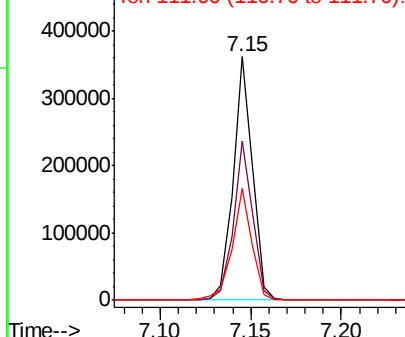


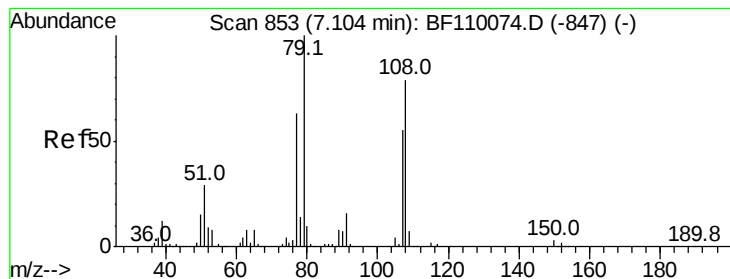
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.733 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

Instrument :

BNA\_F

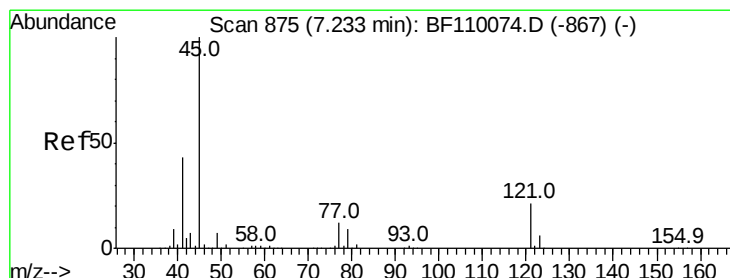
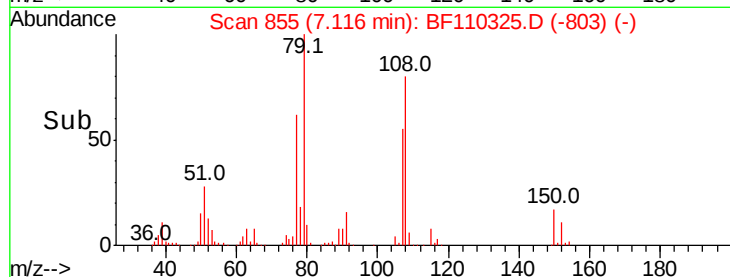
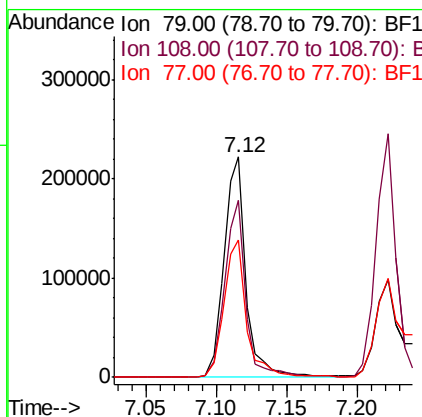
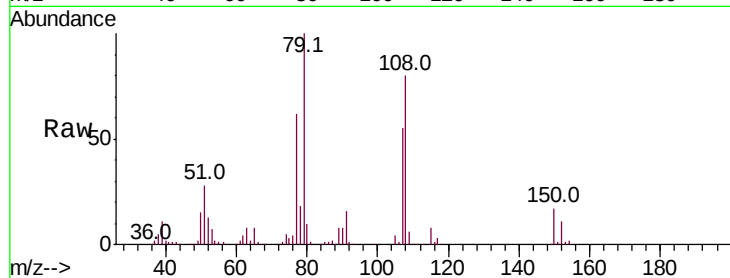
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 239004 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 80.2  | 56.3  | 84.5   |
| 77        | 62.1  | 52.9  | 79.3   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.814 ng

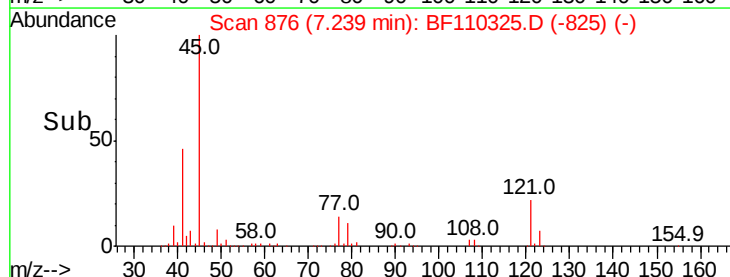
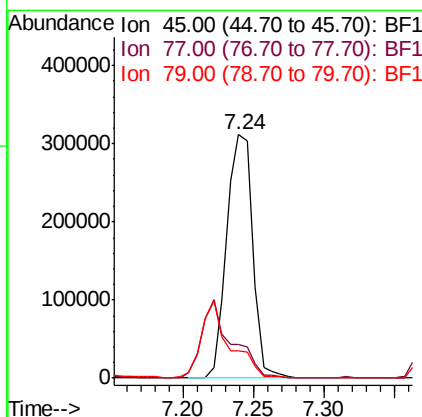
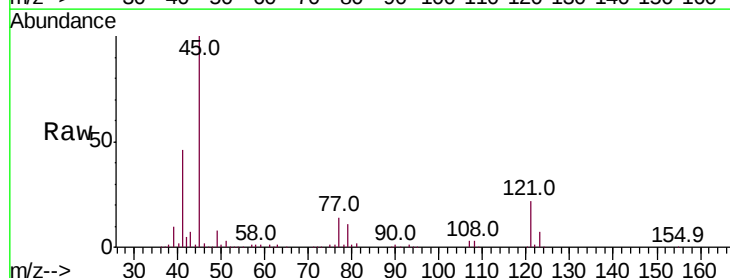
RT: 7.24 min Scan# 876

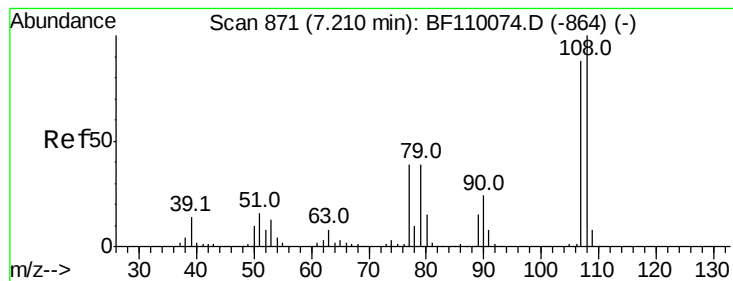
Delta R.T. -0.00 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 398670 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 13.8  | 10.0  | 50.0   |
| 79        | 11.0  | 6.1   | 46.1   |





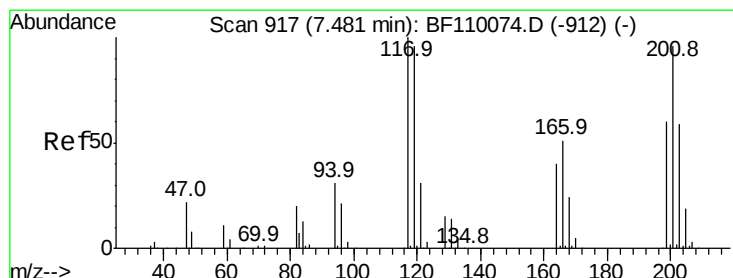
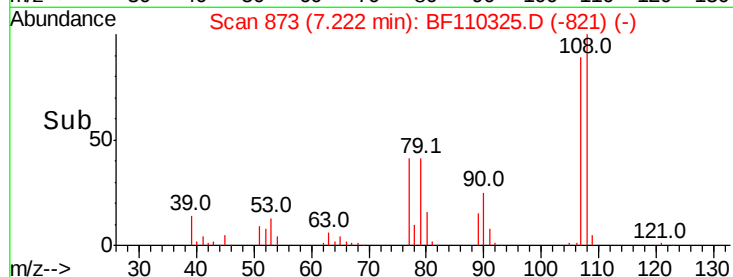
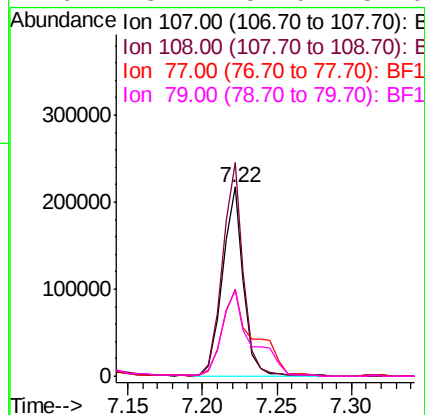
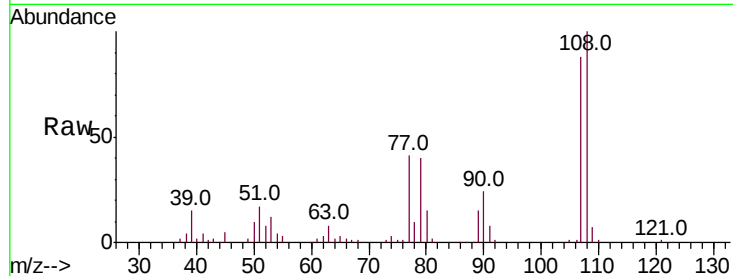
#17  
2-Methylphenol  
Concen: 42.746 ng  
RT: 7.22 min Scan# 873  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 113.1 | 92.6 | 138.8 |       |
| 77      | 46.2  | 59.4 | 89.2# |       |
| 79      | 45.4  | 54.0 | 81.0# |       |

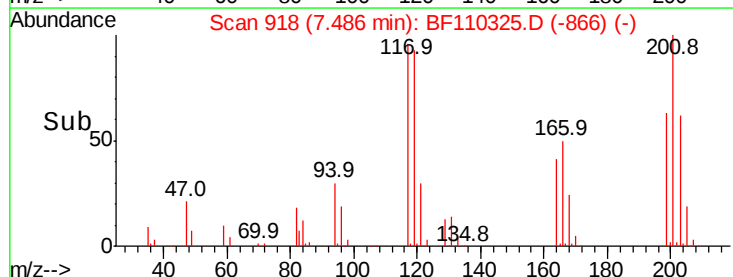
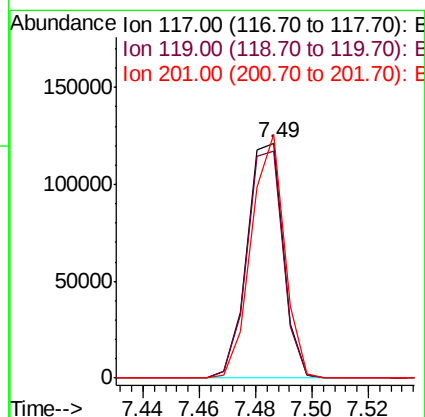
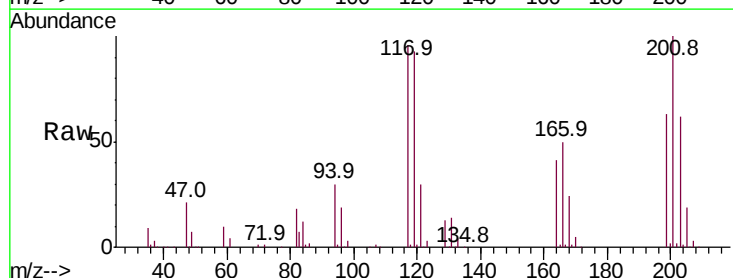
Manual Integrations  
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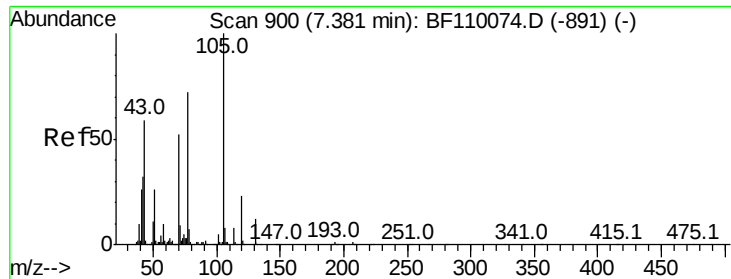
Sohil  
11/1/2018 10:45:51 AM



#18  
Hexachloroethane  
Concen: 42.375 ng  
RT: 7.49 min Scan# 918  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.8  | 75.0 | 112.6 |       |
| 201     | 103.7 | 79.2 | 118.8 |       |





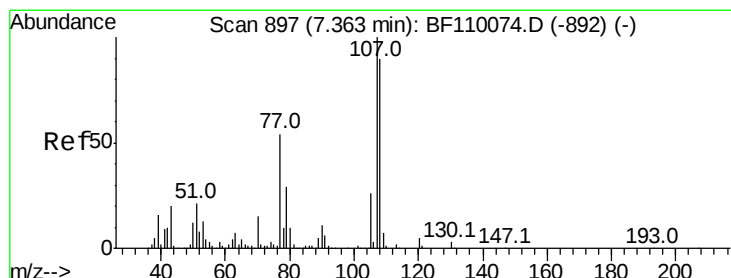
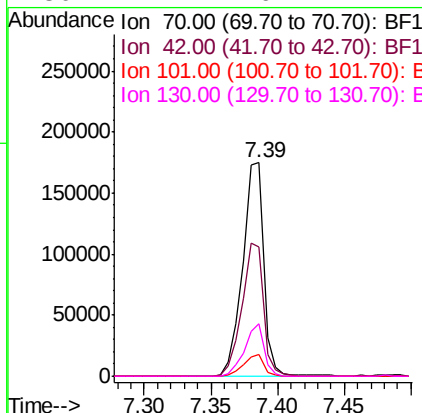
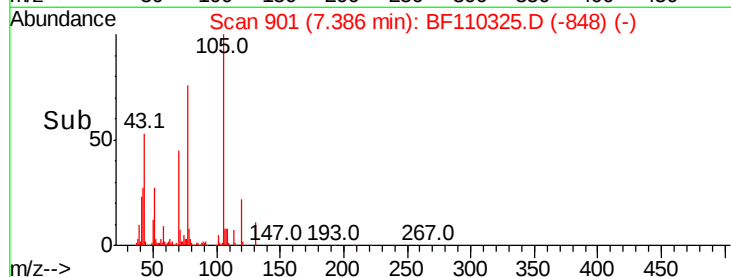
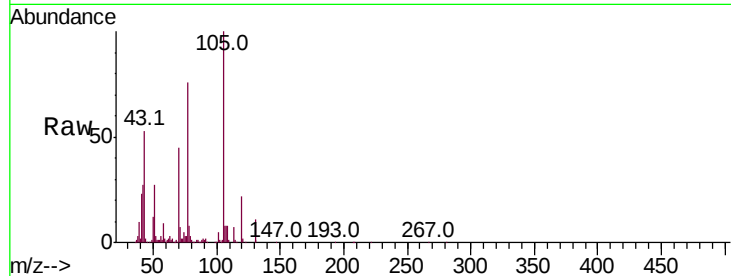
#19  
n-Nitroso-di-n-propylamine  
Concen: 43.123 ng  
RT: 7.39 min Scan# 901  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 60.6  | 47.4  | 71.2  |
| 101     | 10.5  | 7.3   | 10.9  |
| 130     | 24.4  | 16.2  | 24.2# |

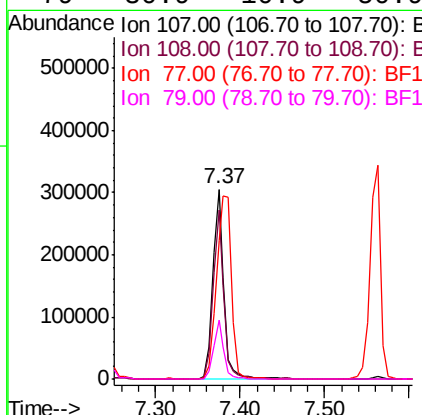
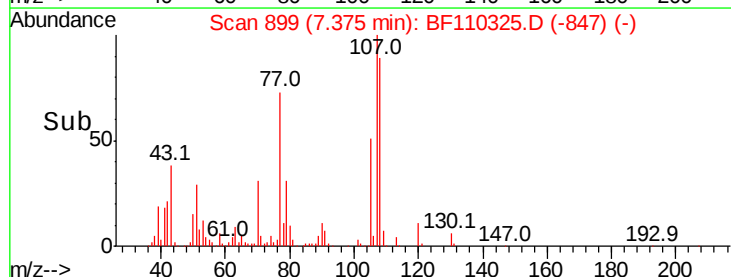
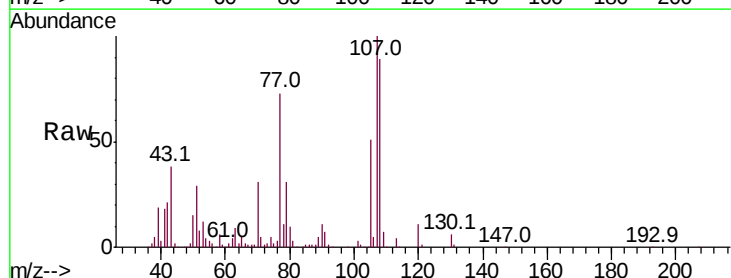
Manual Integrations  
APPROVED

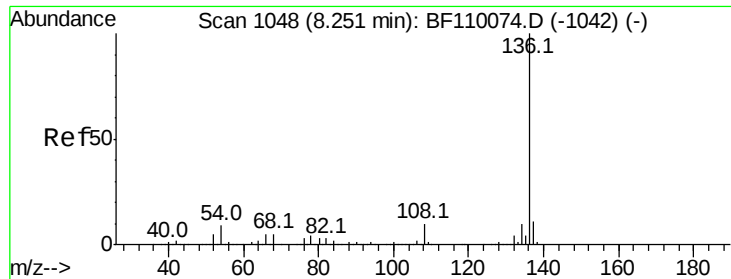
Sohil  
11/1/2018 10:45:51 AM



#20  
3+4-Methylphenols  
Concen: 43.496 ng  
RT: 7.37 min Scan# 899  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 89.0  | 71.4  | 111.4 |
| 77      | 72.8  | 47.3  | 87.3  |
| 79      | 30.9  | 10.9  | 50.9  |





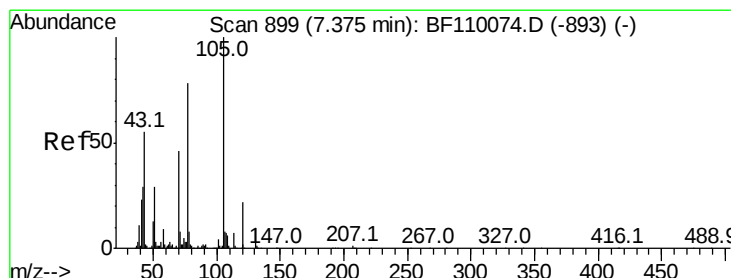
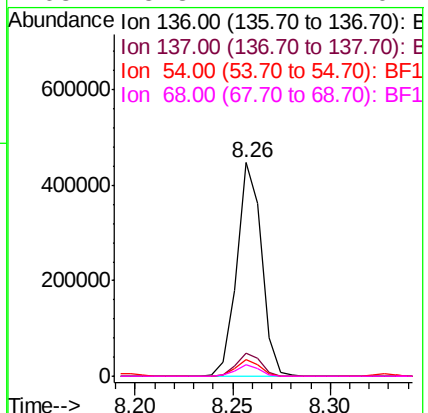
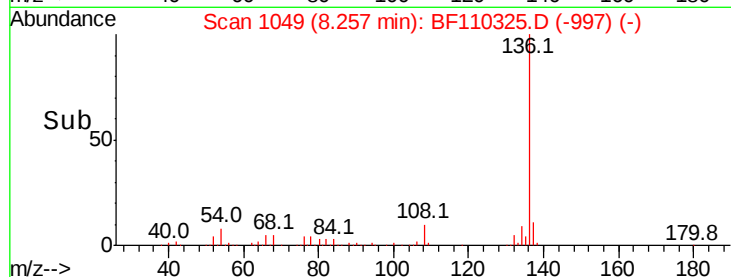
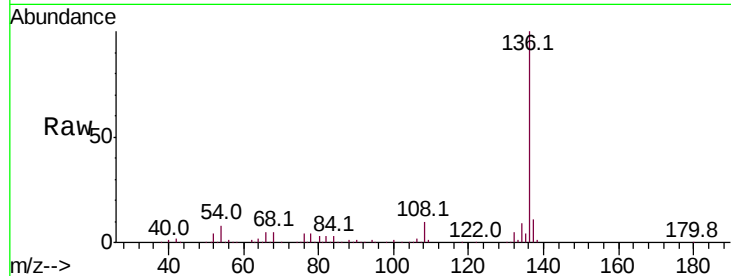
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.26 min Scan# 1049  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.8  | 8.8  | 13.2  |       |
| 54      | 8.1   | 5.4  | 8.2   |       |
| 68      | 5.3   | 4.2  | 6.2   |       |

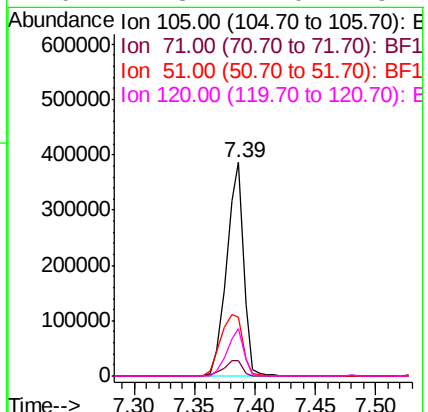
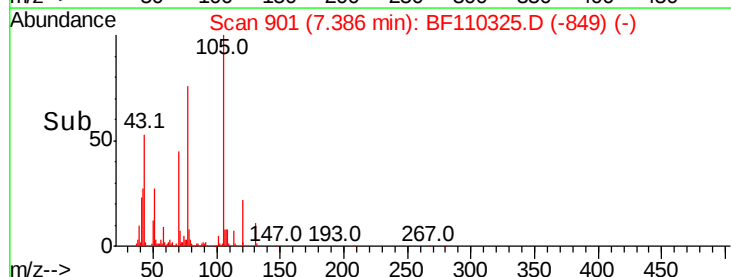
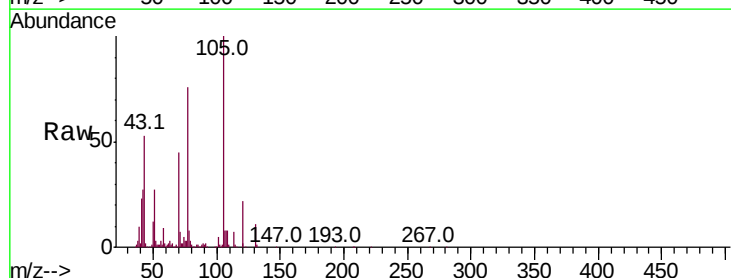
Manual Integrations  
APPROVED

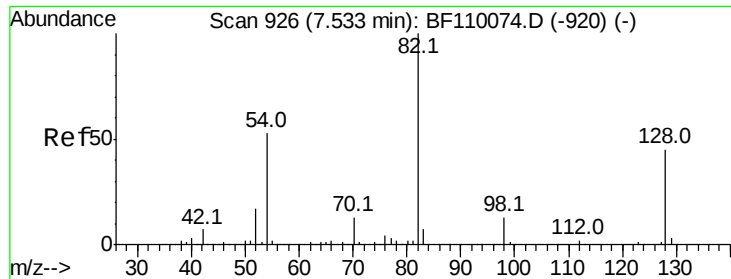
Sohil  
11/1/2018 10:45:51 AM



#22  
Acetophenone  
Concen: 41.361 ng  
RT: 7.39 min Scan# 901  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 7.4   | 5.2  | 7.8   |       |
| 51      | 27.5  | 21.8 | 32.8  |       |
| 120     | 22.3  | 17.0 | 25.4  |       |





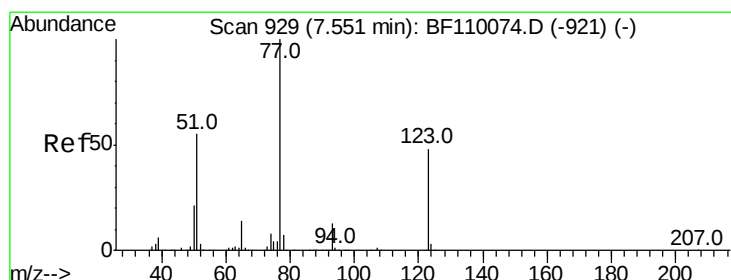
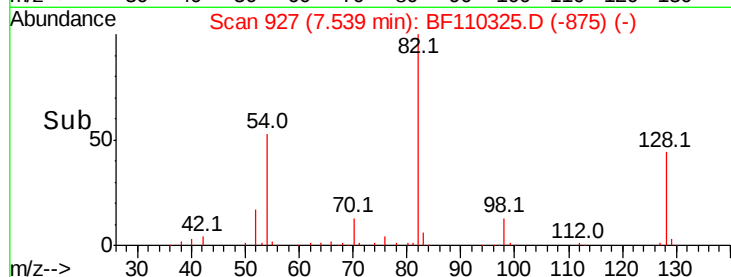
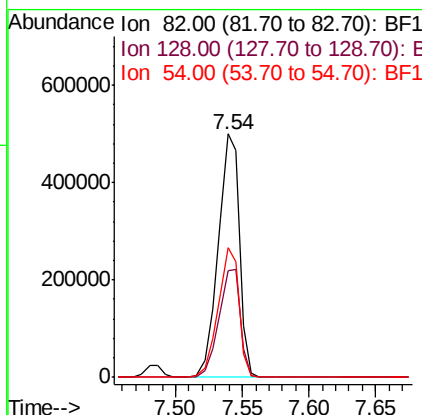
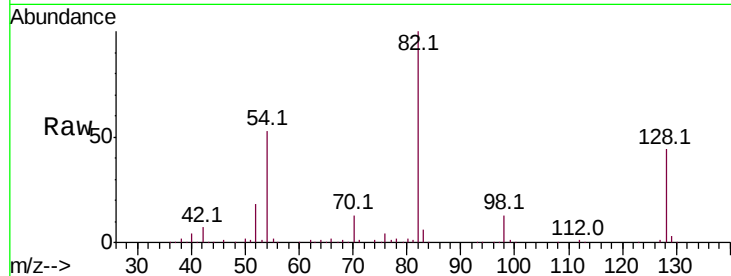
#23  
 Nitrobenzene-d5  
 Concen: 84.627 ng  
 RT: 7.54 min Scan# 927  
 Delta R.T. 0.01 min  
 Lab File: BF110325.D  
 Acq: 31 Oct 2018 11:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 43.8  | 34.2  | 51.2  |
| 54      | 53.3  | 38.6  | 58.0  |

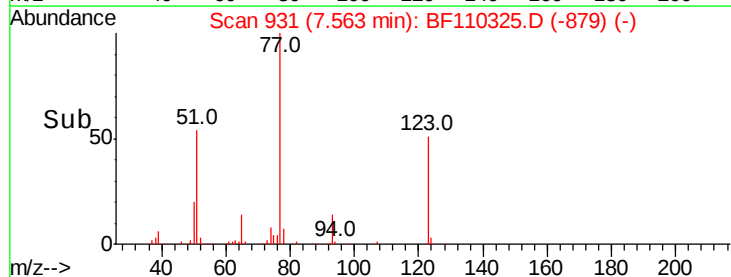
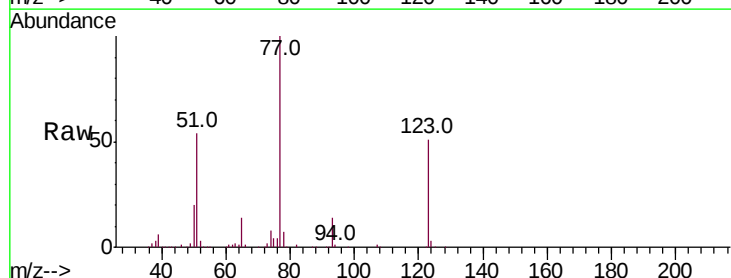
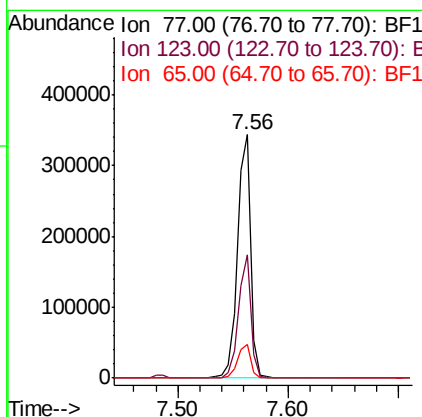
Manual Integrations  
 APPROVED

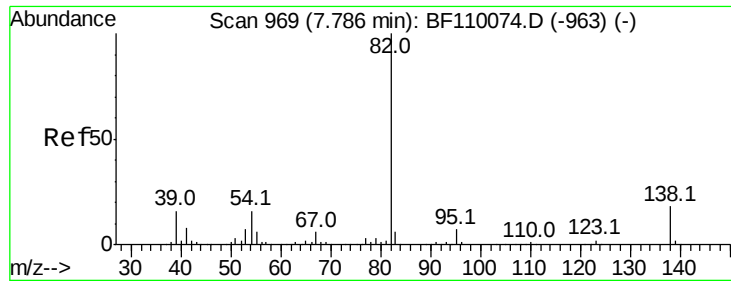
Sohil  
 11/1/2018 10:45:51 AM



#24  
 Nitrobenzene  
 Concen: 42.034 ng  
 RT: 7.56 min Scan# 931  
 Delta R.T. 0.01 min  
 Lab File: BF110325.D  
 Acq: 31 Oct 2018 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 50.8  | 35.7  | 53.5  |
| 65      | 14.1  | 10.7  | 16.1  |





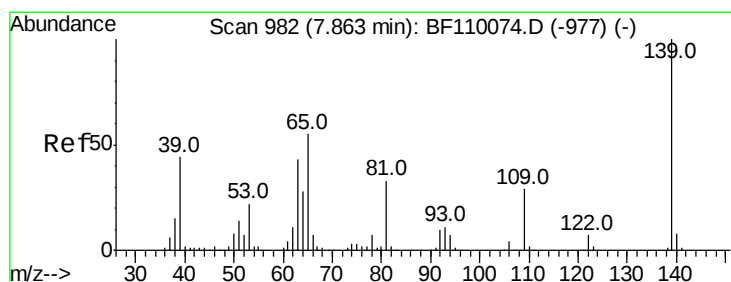
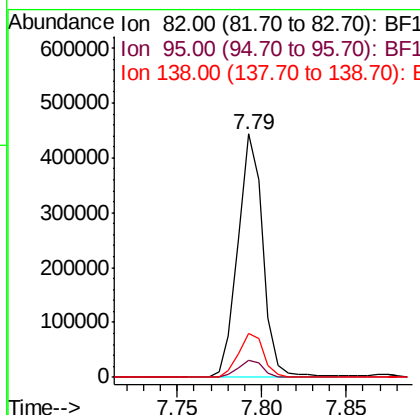
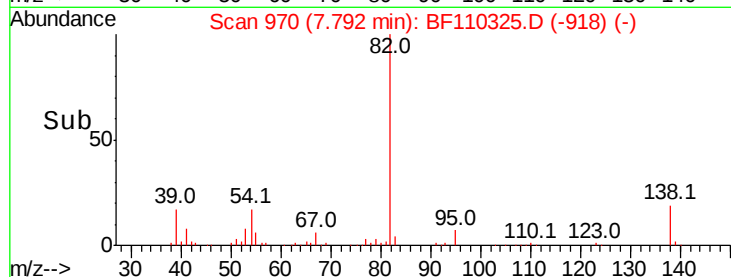
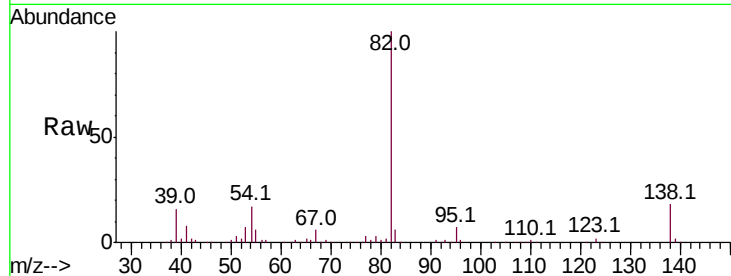
#25  
Isophorone  
Concen: 40.384 ng  
RT: 7.79 min Scan# 970  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 7.2   | 5.7   | 8.5   |
| 138     | 17.9  | 13.2  | 19.8  |

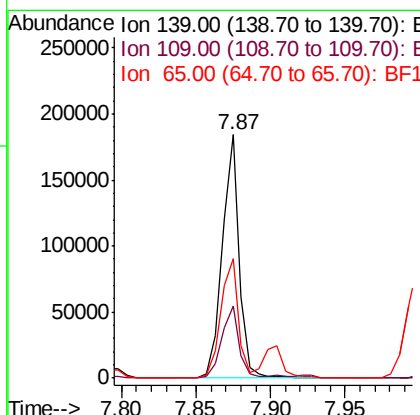
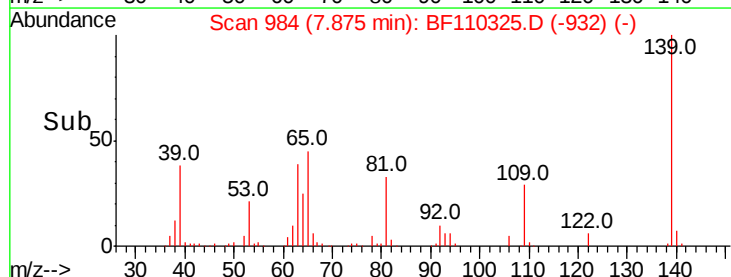
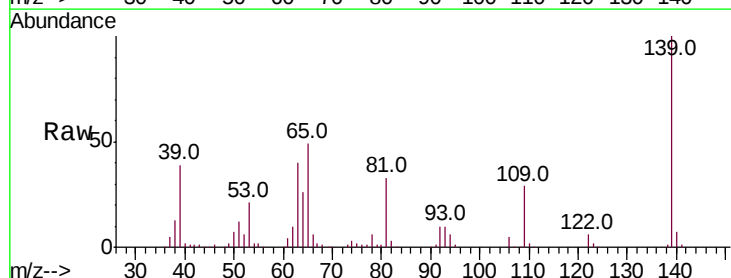
Manual Integrations  
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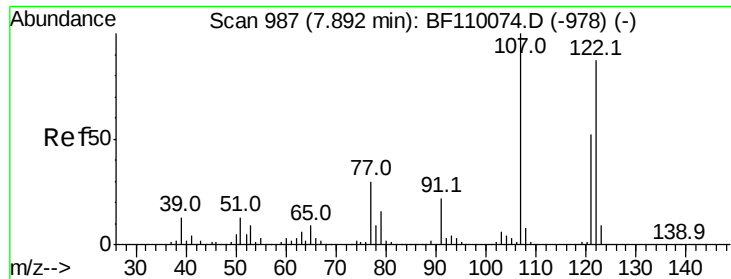
Sohil  
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#26  
2-Nitrophenol  
Concen: 45.355 ng  
RT: 7.87 min Scan# 984  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 29.5  | 25.0  | 37.6  |
| 65      | 49.1  | 44.0  | 66.0  |





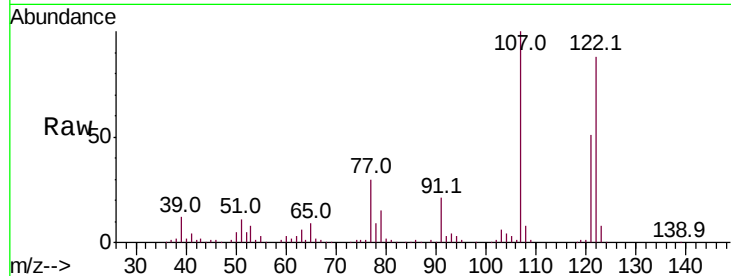
#27  
2,4-Dimethylphenol  
Concen: 40.480 ng  
RT: 7.90 min Scan# 989  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 113.7 | 92.5  | 138.7 |
| 121     | 58.2  | 45.8  | 68.8  |

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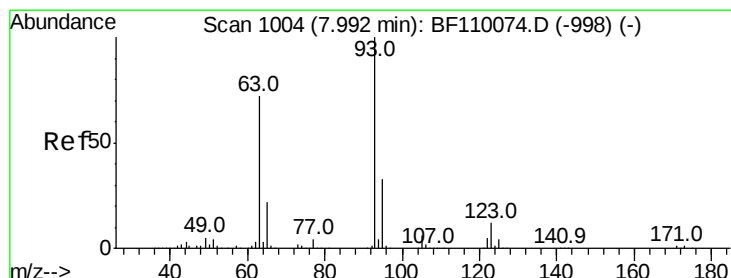
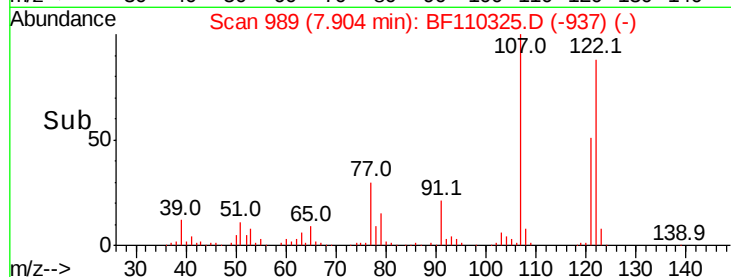
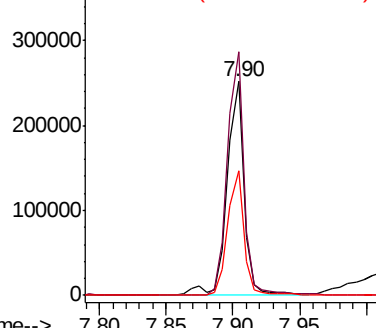


Abundance

Ion 122.00 (121.70 to 122.70): E

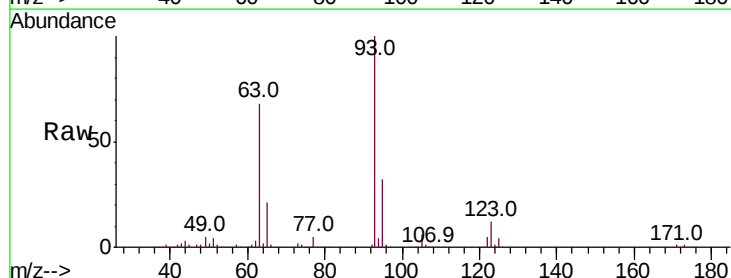
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.685 ng  
RT: 8.00 min Scan# 1005  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.0  | 26.4  | 39.6  |
| 123     | 11.8  | 9.0   | 13.6  |

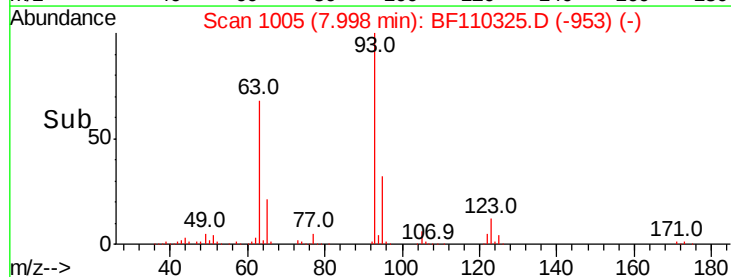
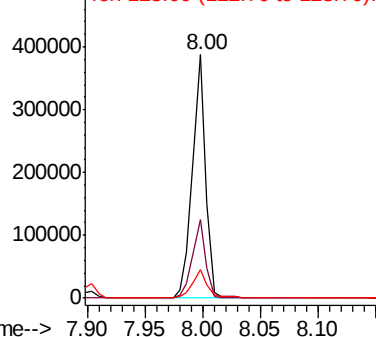


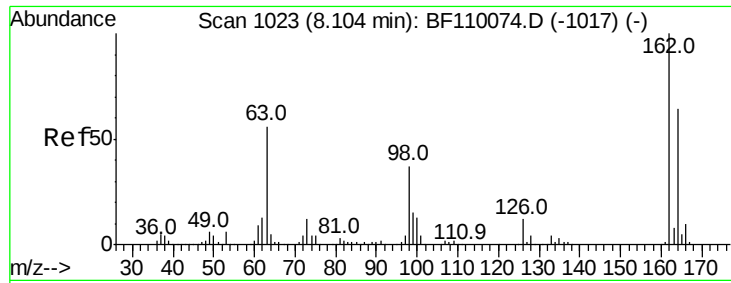
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





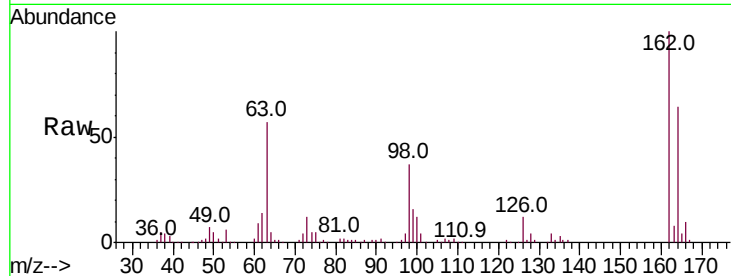
#29  
2,4-Dichlorophenol  
Concen: 41.612 ng  
RT: 8.12 min Scan# 1025  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 64.5  | 44.6       | 84.6  |
| 98      | 36.9  | 17.4       | 57.4  |

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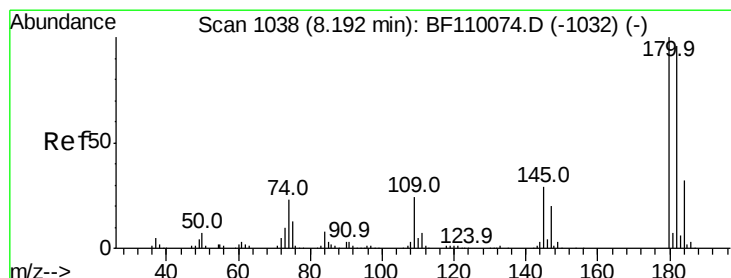
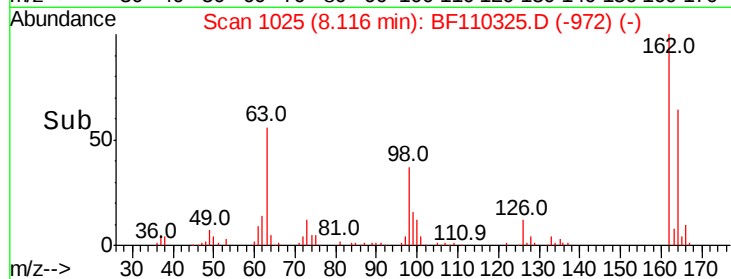
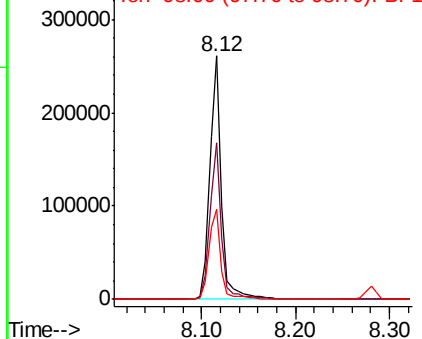


Abundance

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: 40.415 ng  
RT: 8.20 min Scan# 1039  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

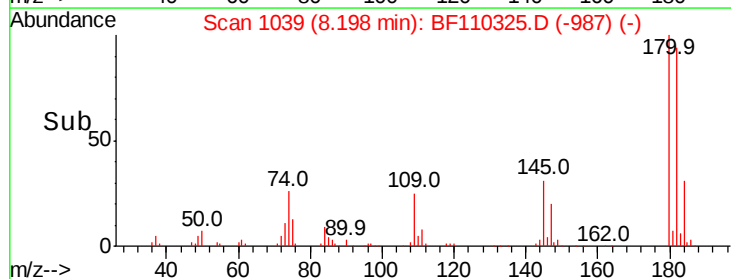
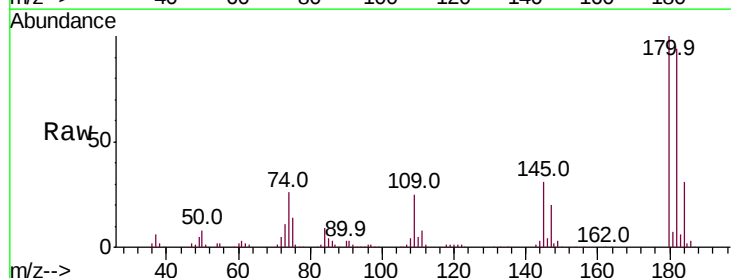
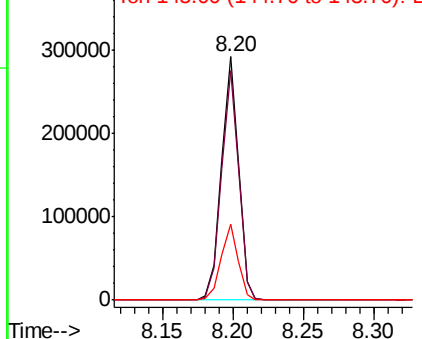
| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 94.4  | 80.3       | 120.5 |
| 145     | 31.2  | 25.4       | 38.0  |

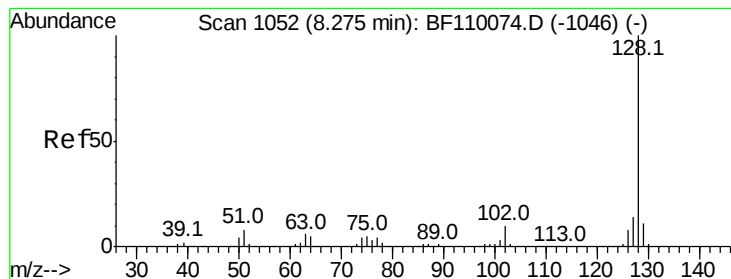
Abundance

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: 40.672 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

Instrument :

BNA\_F

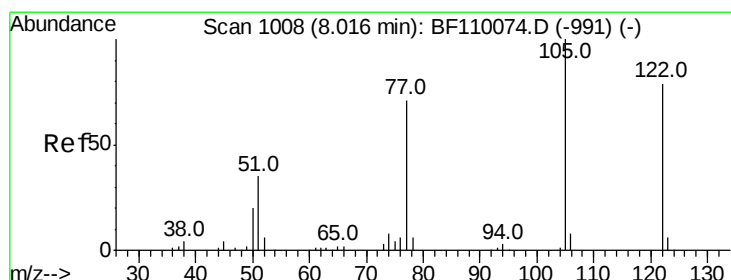
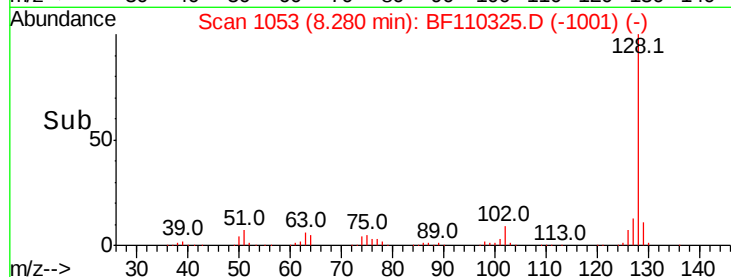
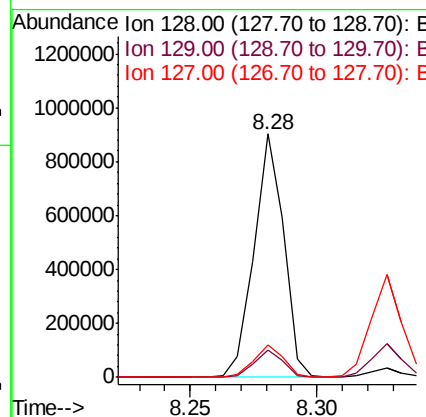
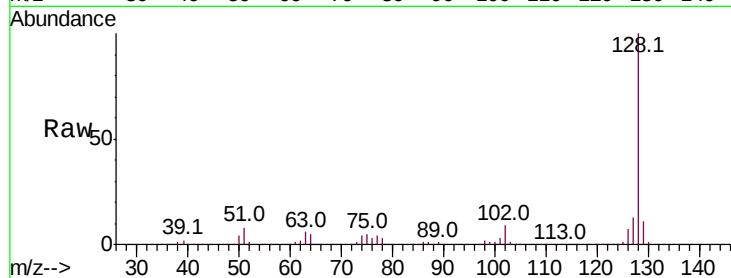
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 739612 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.2  | 8.8   | 13.2   |
| 127       | 13.2  | 10.8  | 16.2   |

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#32

Benzoic acid

Concen: 27.746 ng m

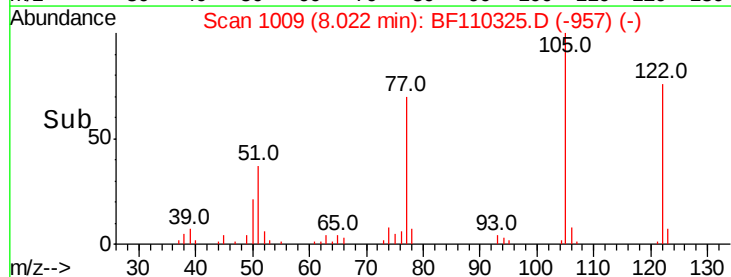
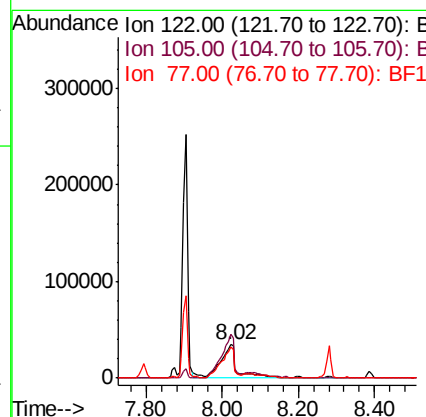
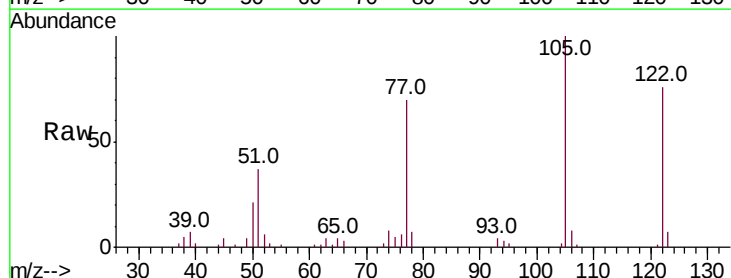
RT: 8.02 min Scan# 1009

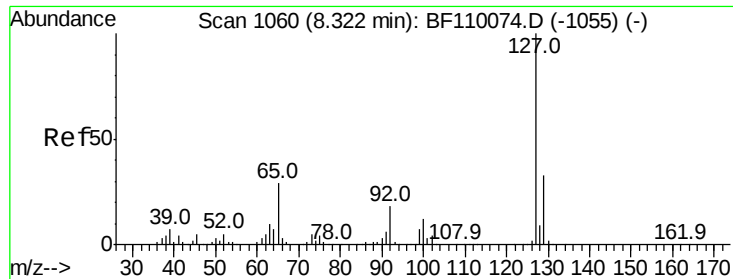
Delta R.T. 0.01 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 116198 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 131.5 | 109.0 | 149.0  |
| 77        | 92.2  | 79.0  | 119.0  |





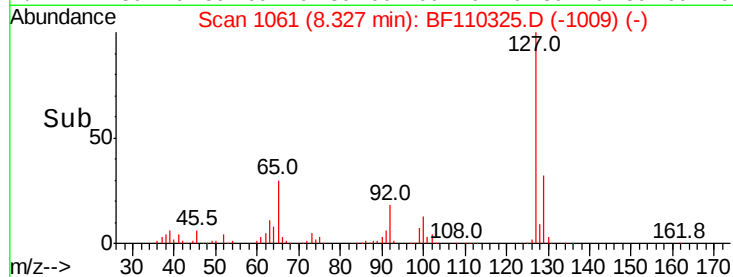
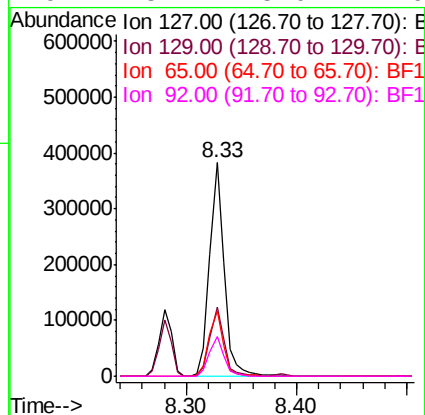
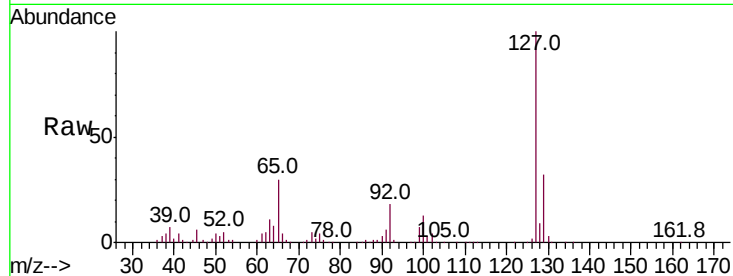
#33  
4-Chloroaniline  
Concen: 41.586 ng  
RT: 8.33 min Scan# 1061  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 32.3  | 26.0 | 39.0  |       |
| 65      | 30.3  | 25.1 | 37.7  |       |
| 92      | 18.4  | 15.0 | 22.6  |       |

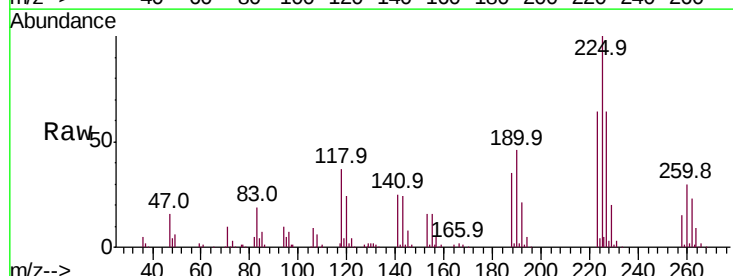
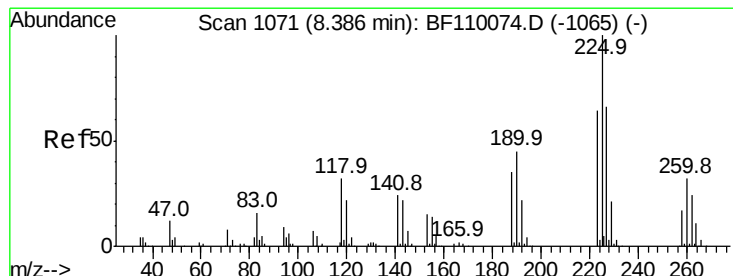
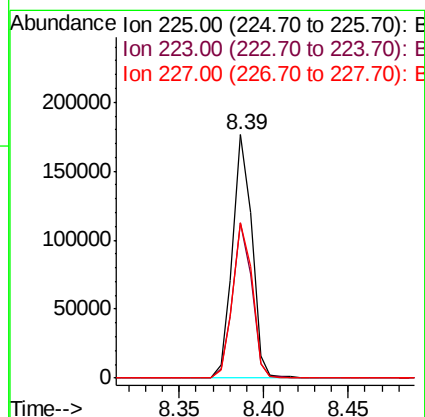
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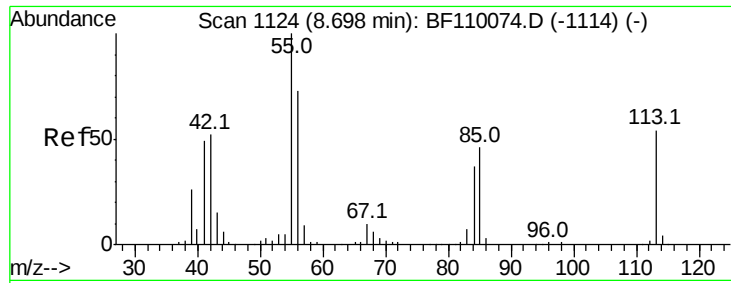
Sohil  
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#34  
Hexachlorobutadiene  
Concen: 41.334 ng  
RT: 8.39 min Scan# 1071  
Delta R.T. -0.00 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 63.5  | 51.4 | 77.2  |       |
| 227     | 63.6  | 51.0 | 76.6  |       |





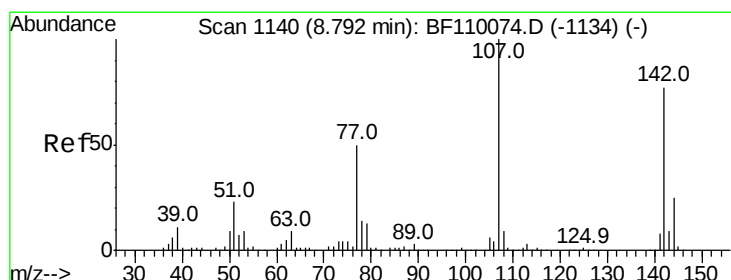
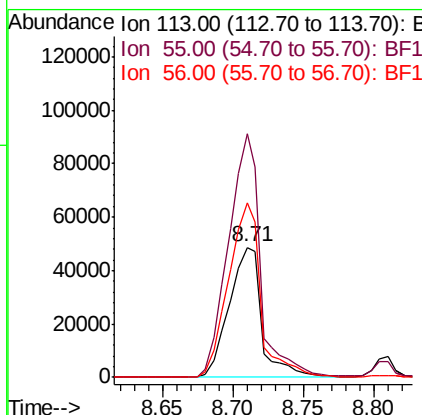
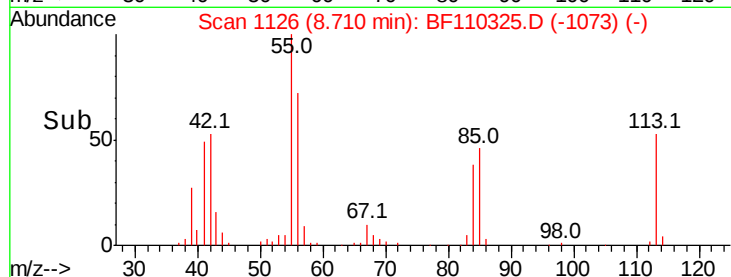
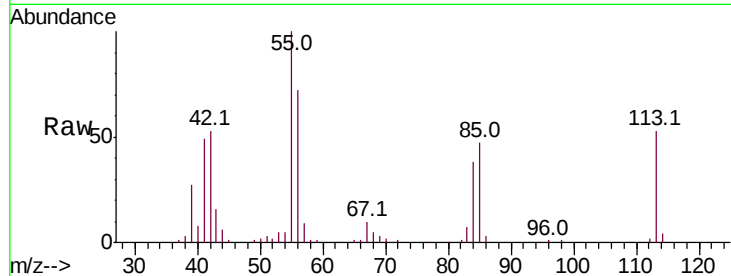
#35  
Caprolactam  
Concen: 41.042 ng  
RT: 8.71 min Scan# 1126  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:113 Resp: 78309  
Ion Ratio Lower Upper  
113 100  
55 187.5 142.8 182.8#  
56 134.3 105.0 145.0

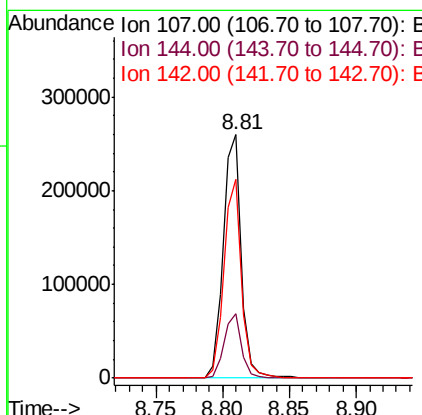
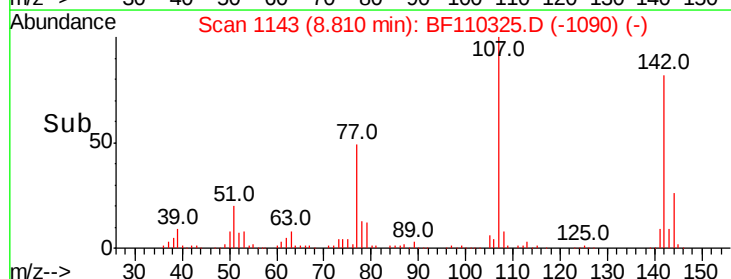
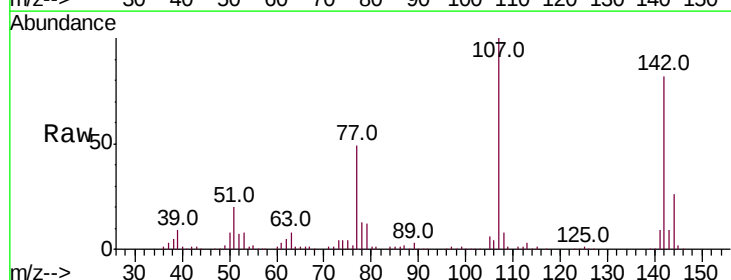
Manual Integrations  
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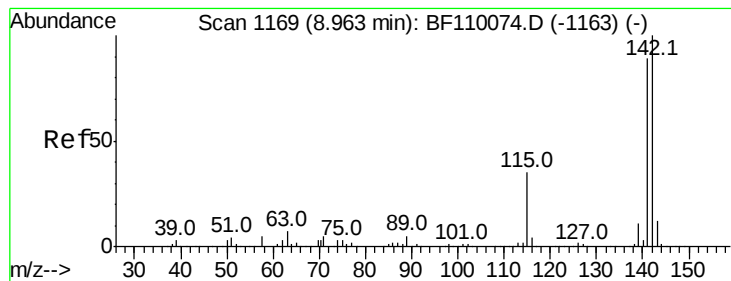
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#36  
4-Chloro-3-methylphenol  
Concen: 42.127 ng  
RT: 8.81 min Scan# 1143  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Tgt Ion:107 Resp: 249377  
Ion Ratio Lower Upper  
107 100  
144 26.4 20.0 30.0  
142 81.7 59.7 89.5





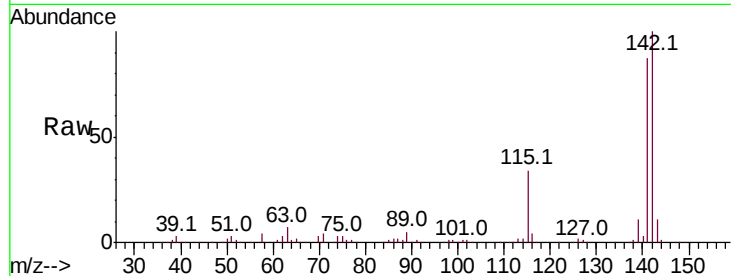
#37  
2-Methylnaphthalene  
Concen: 41.550 ng  
RT: 8.97 min Scan# 1171  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 499914 |       |       |
| 141     | 87.3  | 71.4   | 107.2 |       |
| 115     | 33.9  | 28.7   | 43.1  |       |

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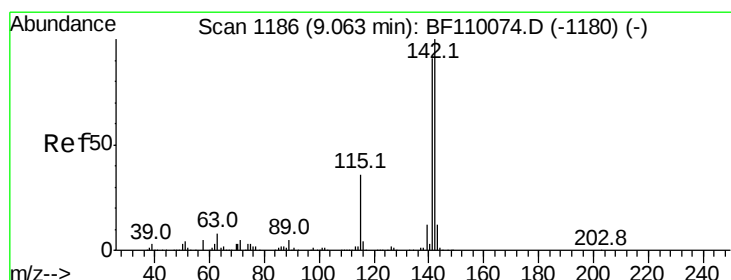
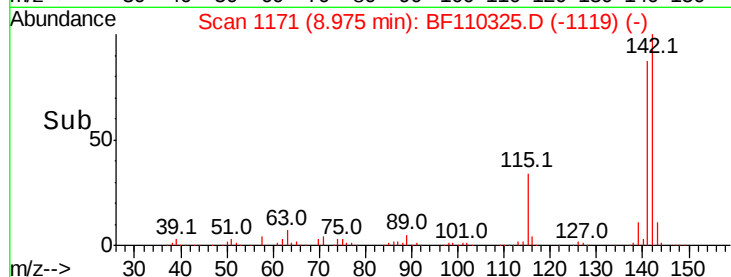
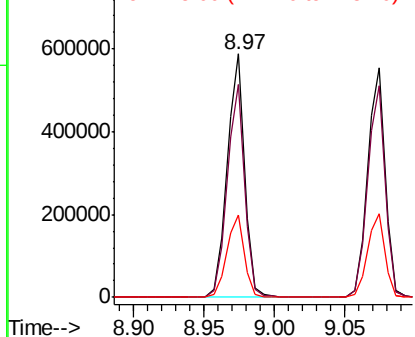


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 41.243 ng  
RT: 9.07 min Scan# 1188  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

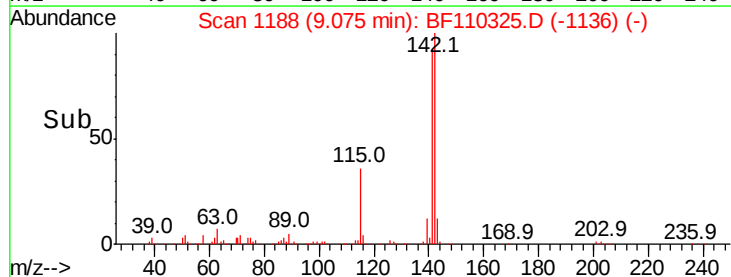
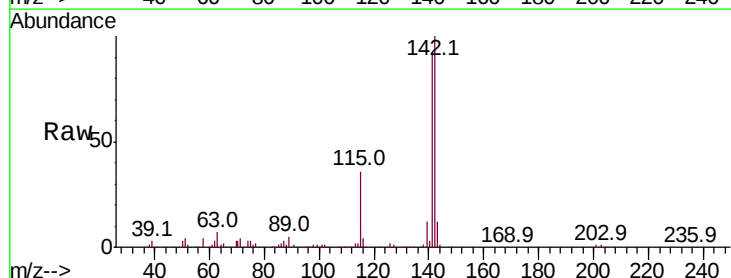
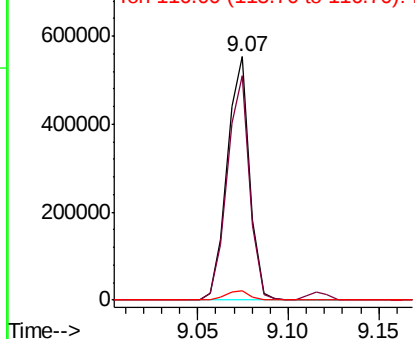
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 479529 |       |       |
| 141     | 92.2  | 74.2   | 111.4 |       |
| 116     | 3.7   | 2.6    | 4.0   |       |

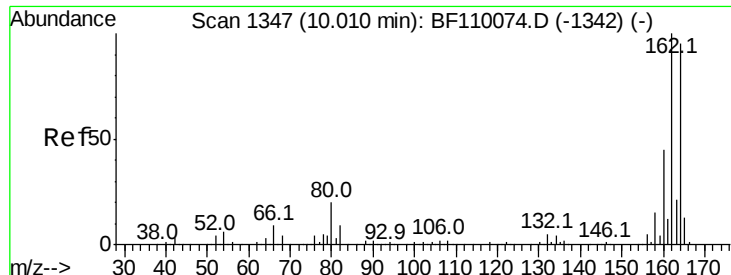
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





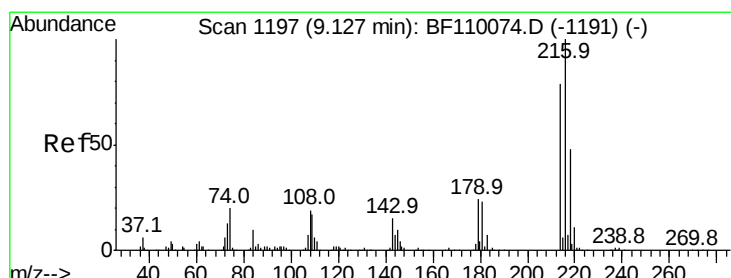
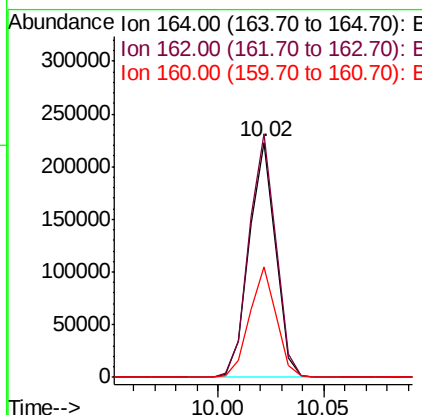
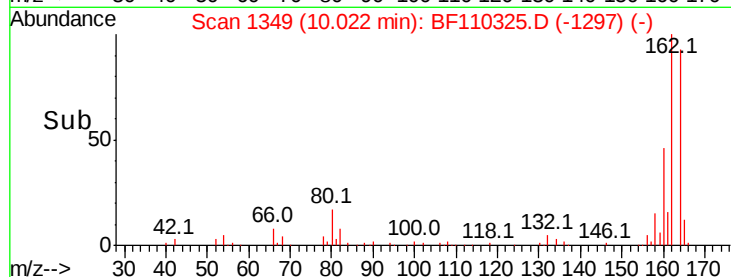
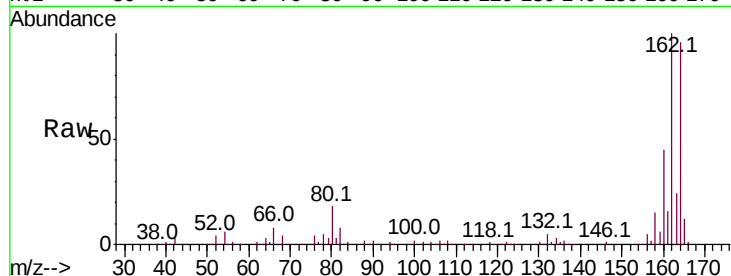
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.02 min Scan# 1349  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.6 | 83.0  | 124.6 |
| 160     | 47.0  | 37.0  | 55.6  |

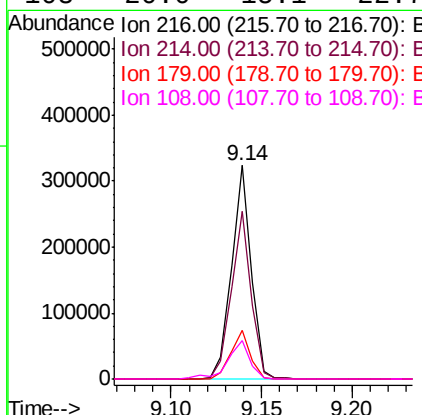
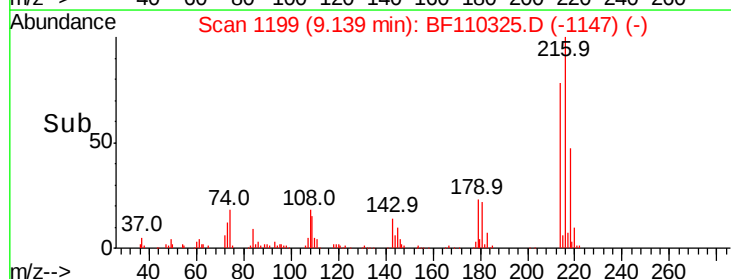
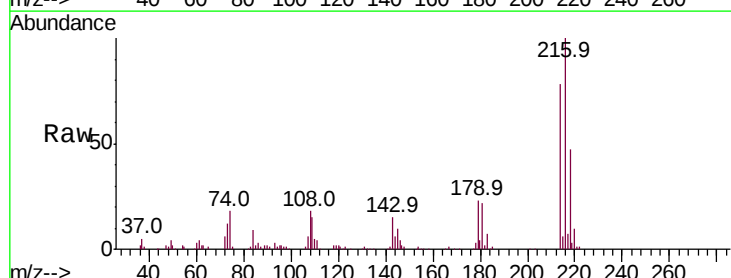
Manual Integrations  
APPROVED

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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.491 ng  
RT: 9.14 min Scan# 1199  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.2  | 63.8  | 95.6  |
| 179     | 22.7  | 16.6  | 25.0  |
| 108     | 20.0  | 15.1  | 22.7  |





#41

Hexachlorocyclopentadiene

Concen: 35.688 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

Instrument :

BNA\_F

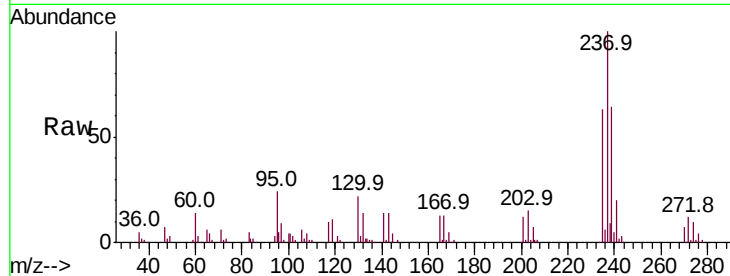
ClientSampleId :

SSTDCCC040

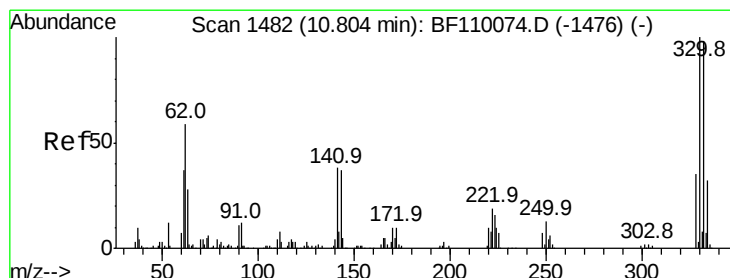
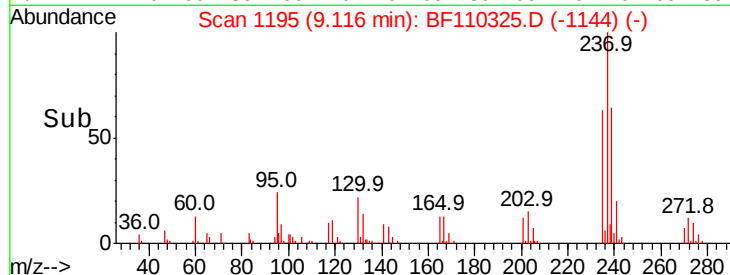
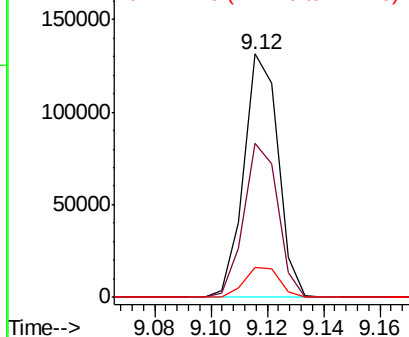
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 110734 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.2  | 43.1  | 83.1   |
| 272       | 12.3  | 0.0   | 32.6   |

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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: 85.290 ng

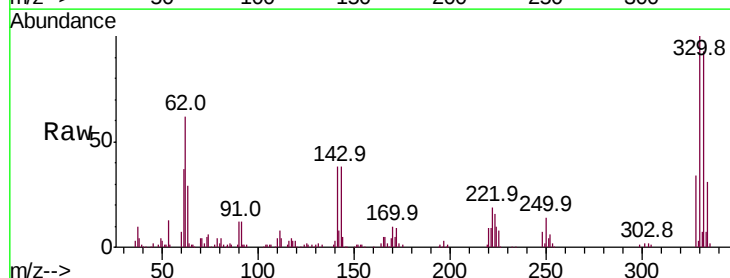
RT: 10.82 min Scan# 1484

Delta R.T. 0.01 min

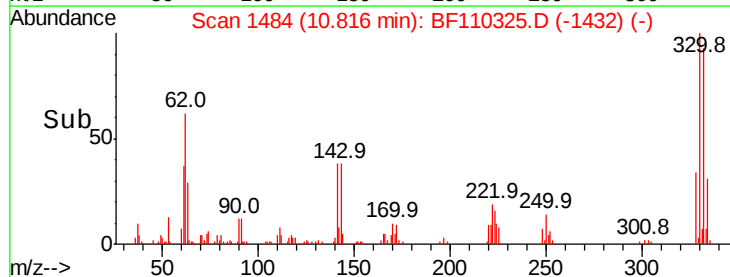
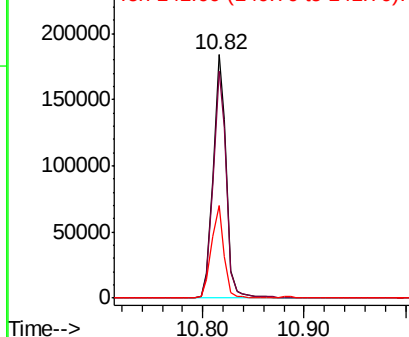
Lab File: BF110325.D

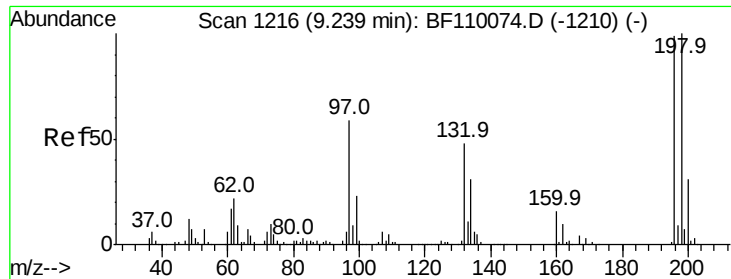
Acq: 31 Oct 2018 11:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 164539 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 94.6  | 77.1  | 115.7  |
| 141       | 36.8  | 27.0  | 40.4   |



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





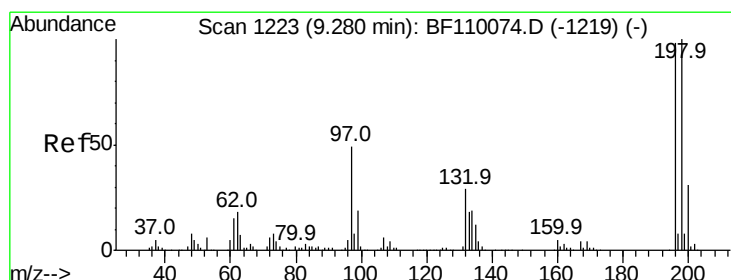
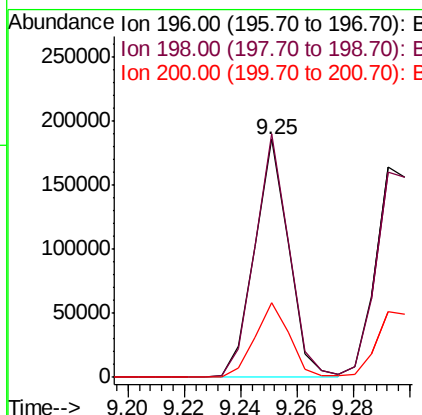
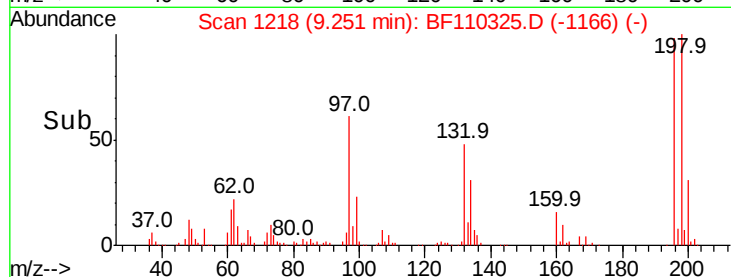
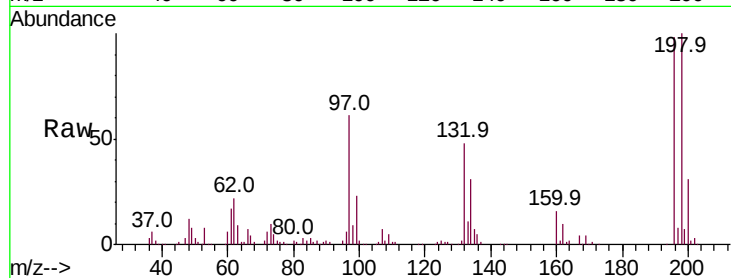
#43  
 2,4,6-Trichlorophenol  
 Concen: 40.123 ng  
 RT: 9.25 min Scan# 1218  
 Delta R.T. 0.01 min  
 Lab File: BF110325.D  
 Acq: 31 Oct 2018 11:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 157038 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 102.2 | 76.2  | 114.4  |
| 200       | 31.2  | 24.4  | 36.6   |

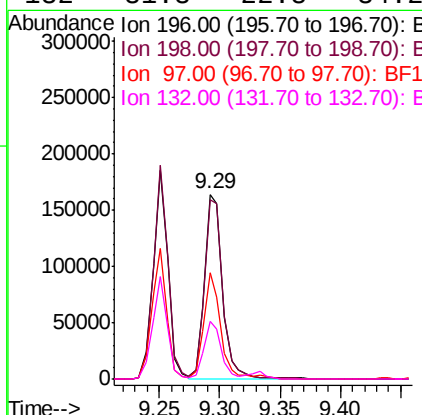
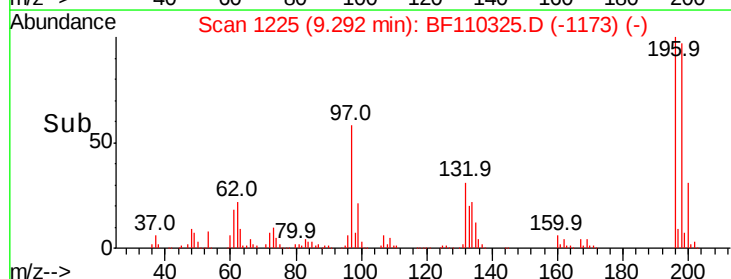
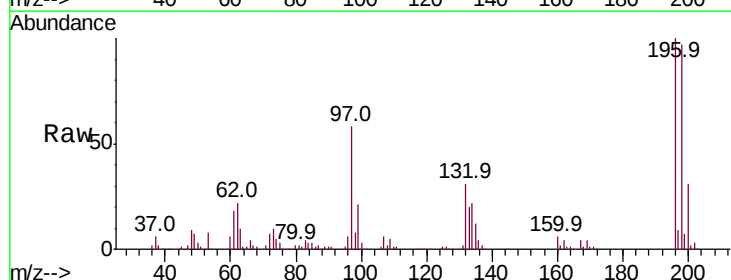
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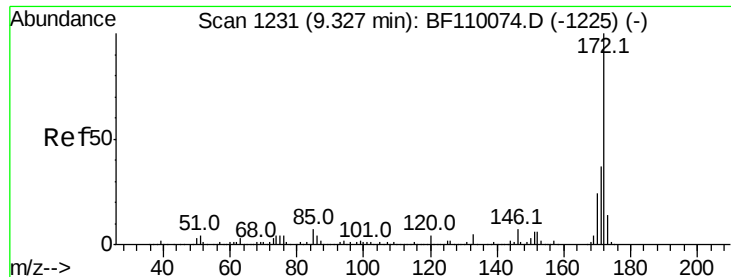
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 11/1/2018 10:45:51 AM



#44  
 2,4,5-Trichlorophenol  
 Concen: 41.141 ng  
 RT: 9.29 min Scan# 1225  
 Delta R.T. 0.01 min  
 Lab File: BF110325.D  
 Acq: 31 Oct 2018 11:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 170207 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.2  | 75.8  | 113.6  |
| 97        | 57.8  | 42.4  | 63.6   |
| 132       | 31.3  | 22.8  | 34.2   |





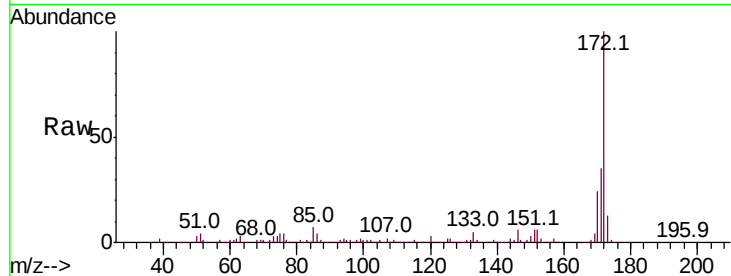
#45  
2-Fluorobiphenyl  
Concen: 84.795 ng  
RT: 9.33 min Scan# 1232  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.4  | 28.6  | 43.0  |
| 170     | 24.0  | 19.7  | 29.5  |

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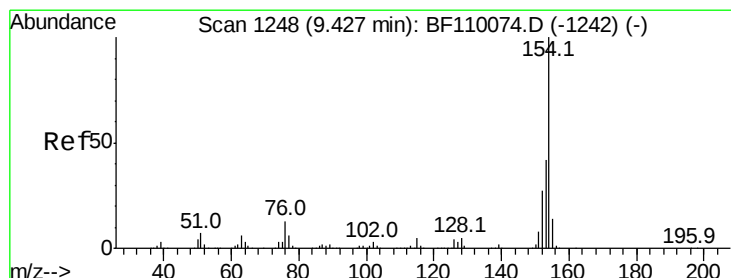
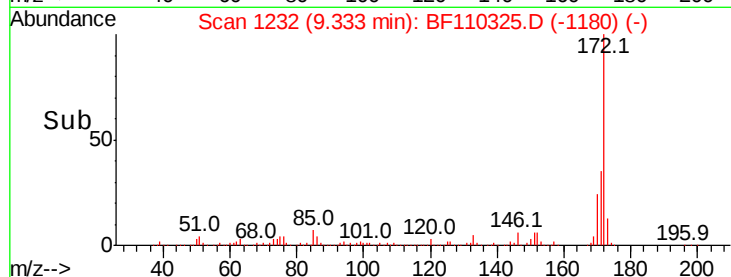
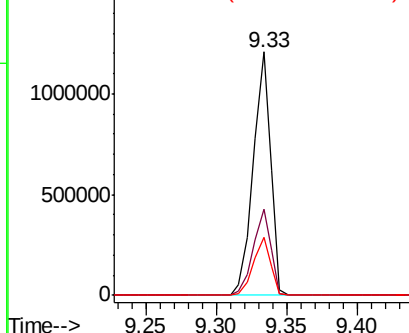


Abundance

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: 40.980 ng  
RT: 9.44 min Scan# 1250  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

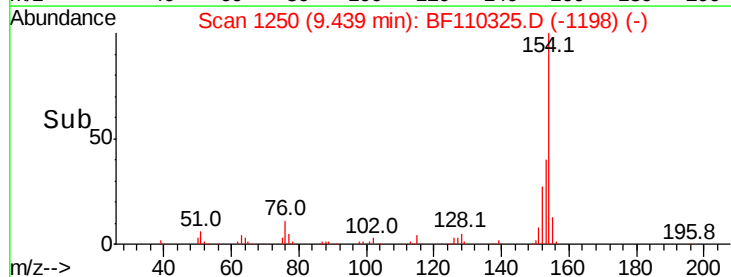
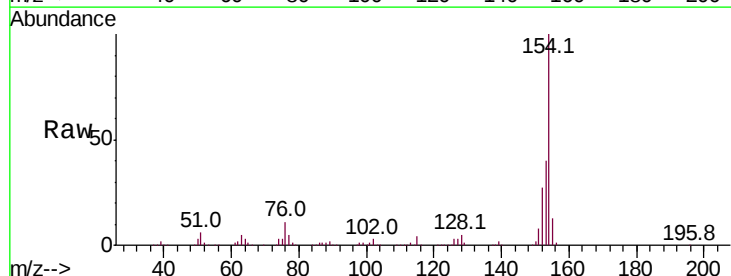
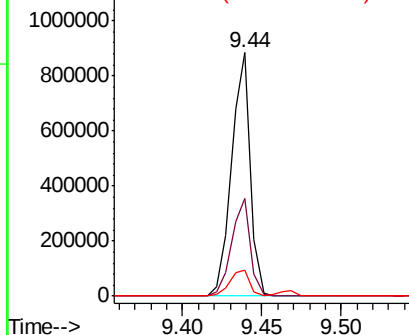
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.1  | 20.4  | 60.4  |
| 76      | 10.6  | 0.0   | 31.9  |

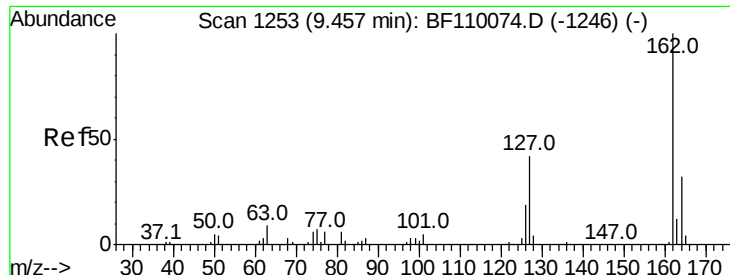
Abundance

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





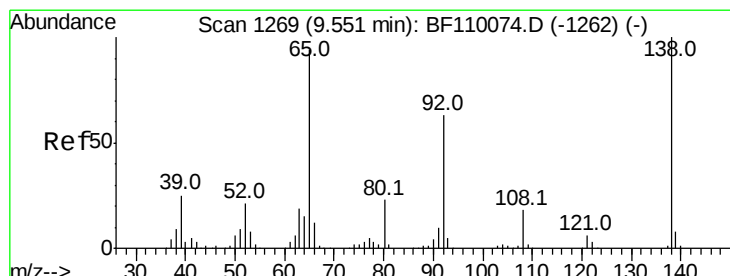
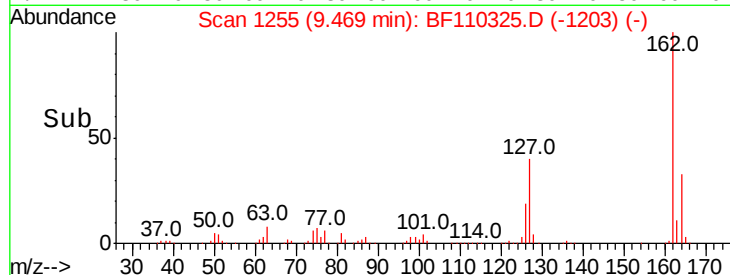
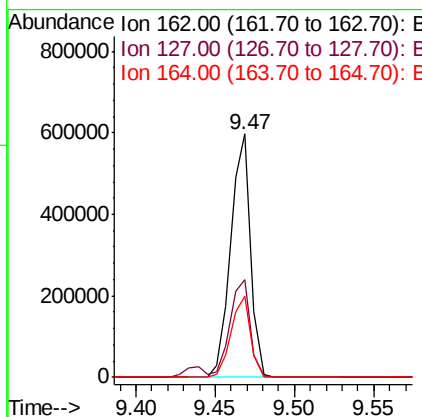
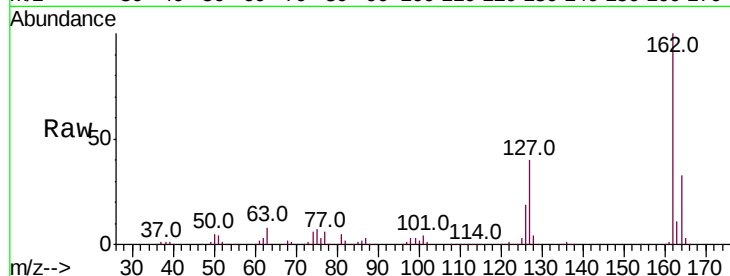
#47  
 2-Chloronaphthalene  
 Concen: 40.065 ng  
 RT: 9.47 min Scan# 1255  
 Delta R.T. 0.01 min  
 Lab File: BF110325.D  
 Acq: 31 Oct 2018 11:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 517584 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 40.1  | 32.6  | 48.8   |
| 164       | 33.3  | 25.9  | 38.9   |

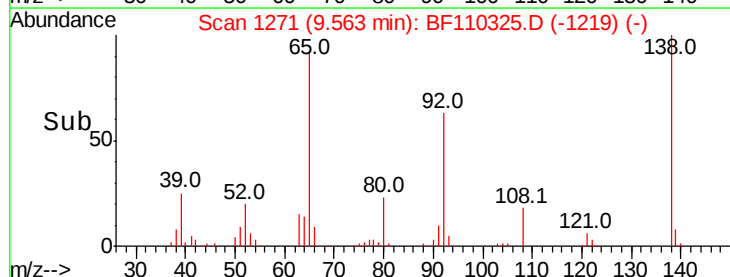
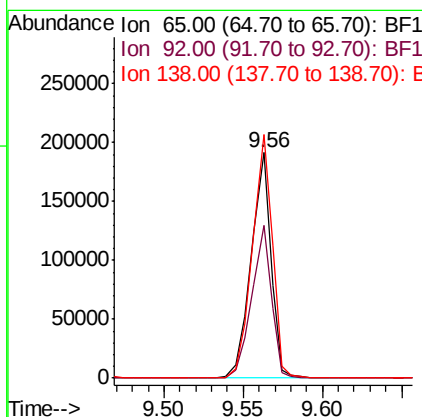
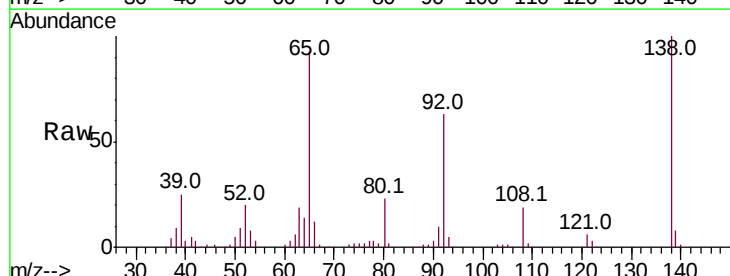
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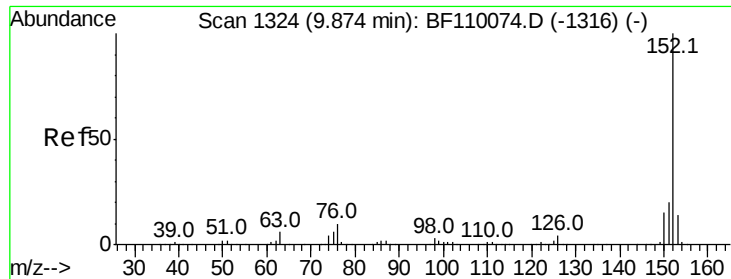
Sohil  
 11/1/2018 10:45:51 AM



#48  
 2-Nitroaniline  
 Concen: 42.497 ng  
 RT: 9.56 min Scan# 1271  
 Delta R.T. 0.01 min  
 Lab File: BF110325.D  
 Acq: 31 Oct 2018 11:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 166365 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 67.6  | 54.6  | 81.8   |
| 138       | 108.0 | 80.3  | 120.5  |





#49

Acenaphthylene

Concen: 40.994 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

Instrument :

BNA\_F

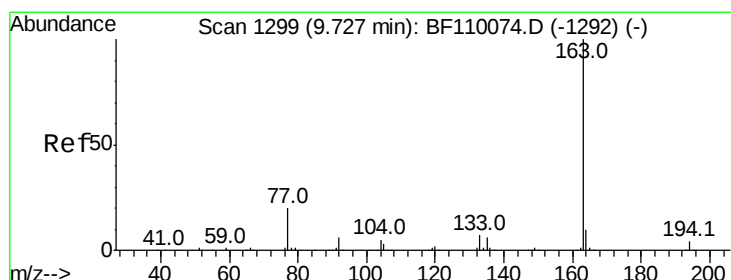
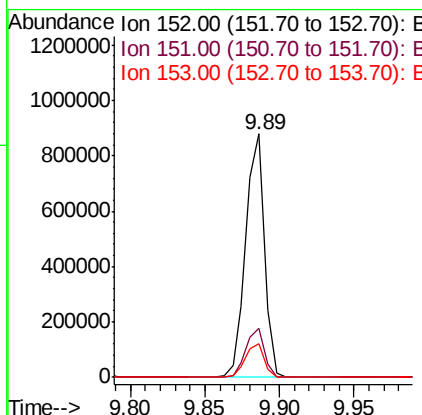
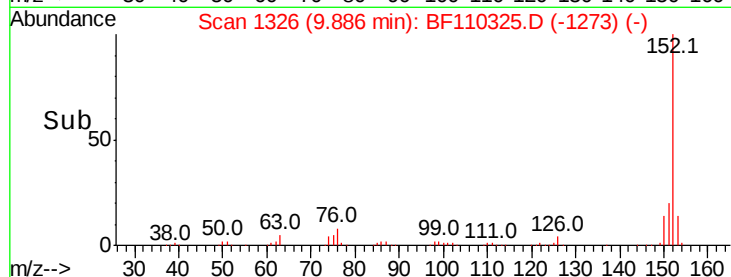
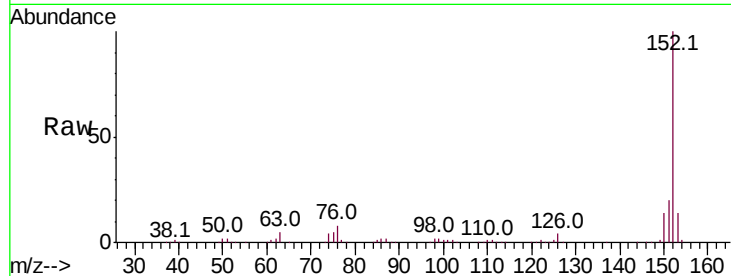
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 764901 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.2  | 15.8  | 23.8   |
| 153       | 13.8  | 10.4  | 15.6   |

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#50

Dimethylphthalate

Concen: 41.527 ng

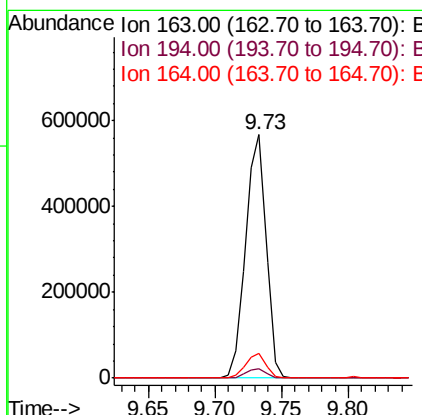
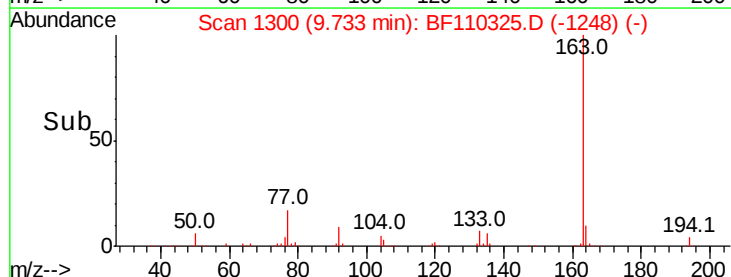
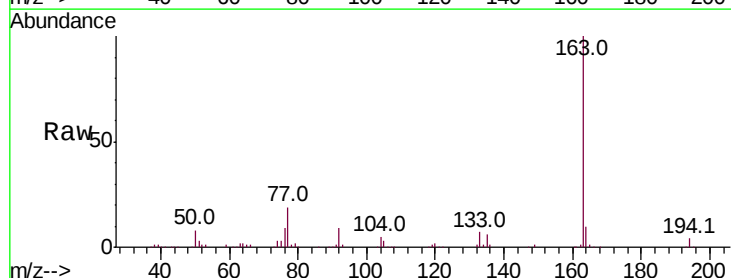
RT: 9.73 min Scan# 1300

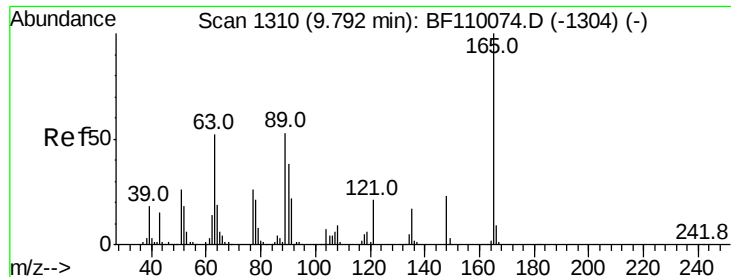
Delta R.T. 0.01 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 597003 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.7   | 3.2   | 4.8    |
| 164       | 10.0  | 8.1   | 12.1   |





#51

2,6-Dinitrotoluene

Concen: 42.601 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

Instrument :

BNA\_F

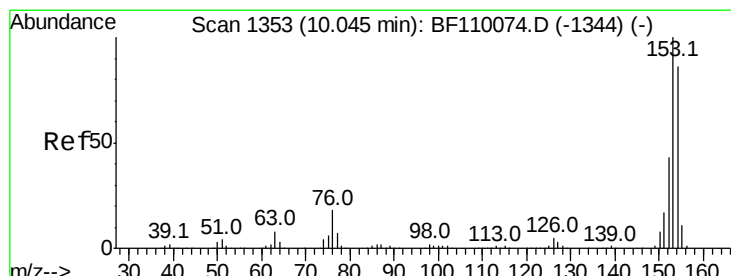
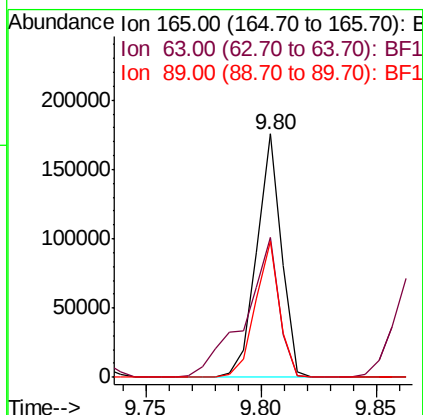
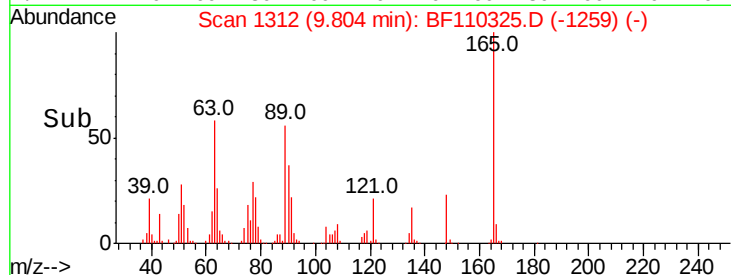
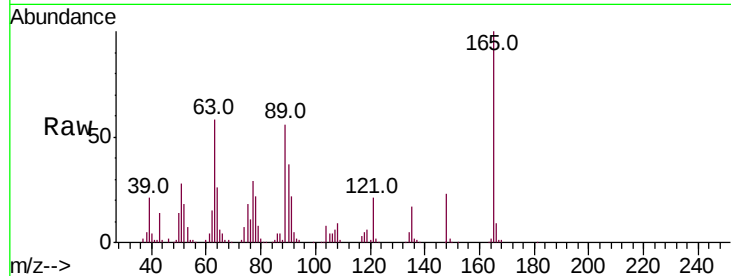
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 165   | Resp: | 131924 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 57.7  | 48.9  | 73.3   |
| 89        | 55.9  | 46.6  | 69.8   |

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#52

Acenaphthene

Concen: 38.183 ng

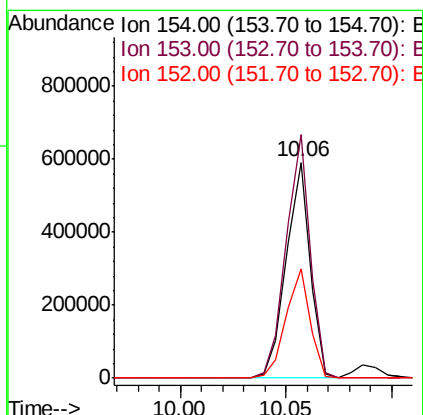
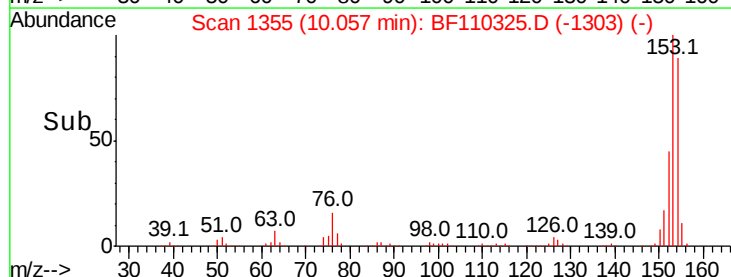
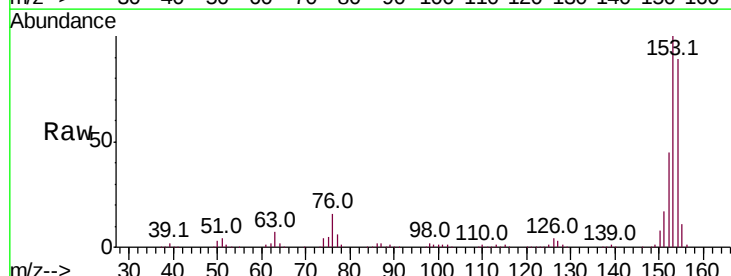
RT: 10.06 min Scan# 1355

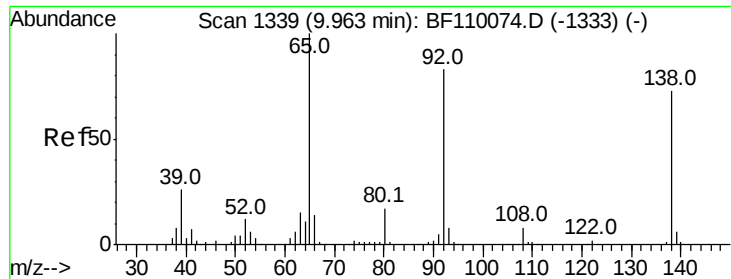
Delta R.T. 0.01 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 471330 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 112.8 | 90.1  | 135.1  |
| 152       | 50.5  | 43.4  | 65.2   |





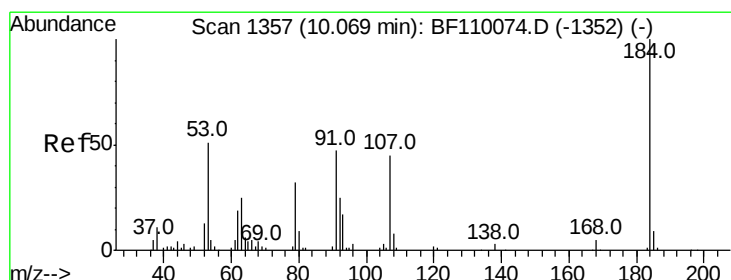
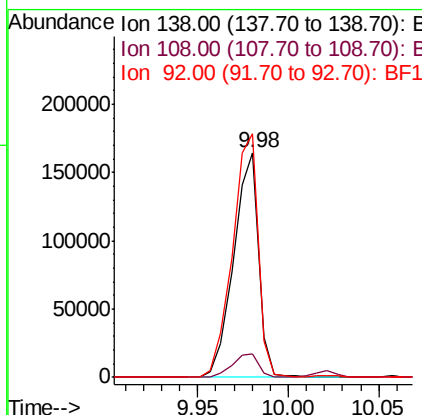
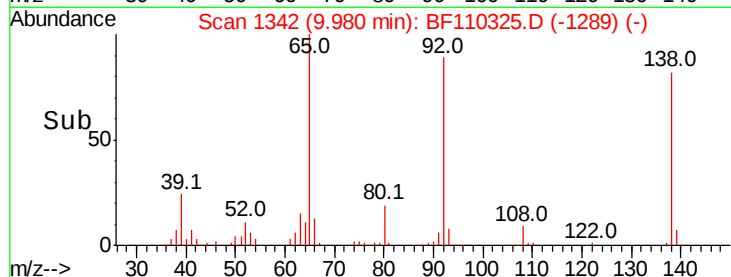
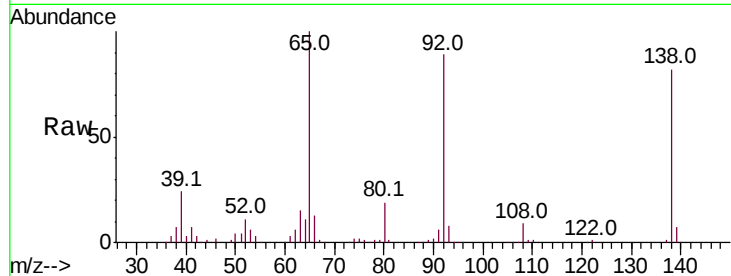
#53  
3-Nitroaniline  
Concen: 42.740 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.4  | 8.7   | 13.1  |
| 92      | 108.4 | 97.0  | 145.4 |

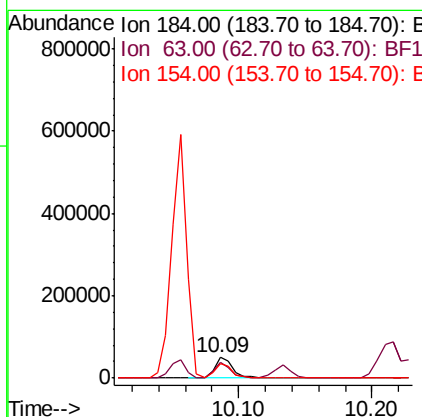
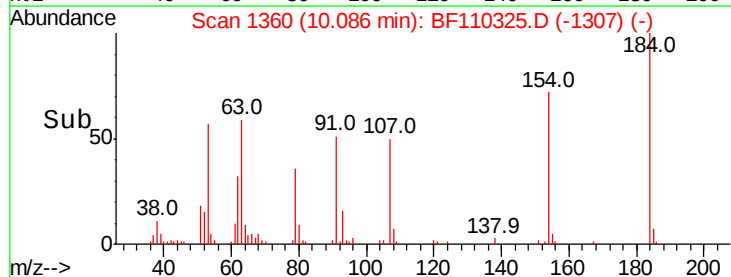
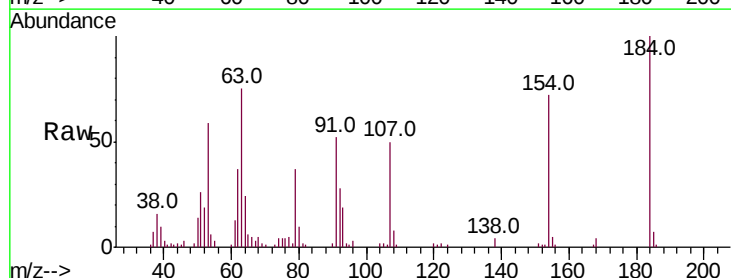
Manual Integrations  
APPROVED

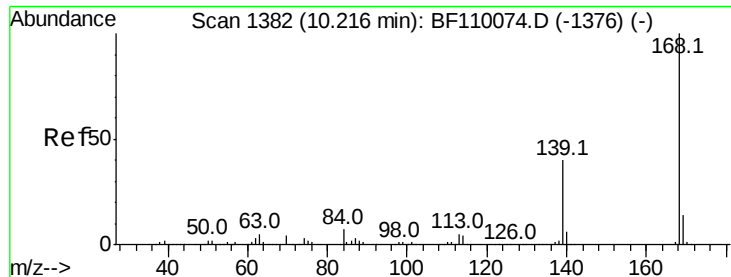
Sohil  
11/1/2018 10:45:51 AM



#54  
2,4-Dinitrophenol  
Concen: 42.760 ng  
RT: 10.09 min Scan# 1360  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 75.0  | 55.8  | 83.6  |
| 154     | 72.5  | 63.2  | 94.8  |





#55

Dibenzenofuran

Concen: 40.636 ng

RT: 10.23 min Scan# 1384

Delta R.T. 0.01 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

Instrument :

BNA\_F

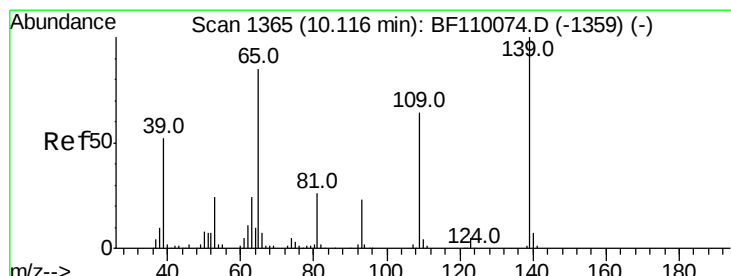
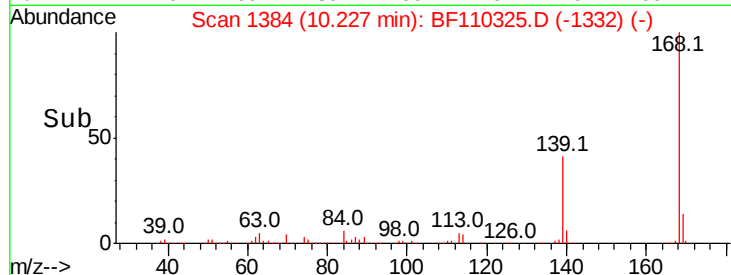
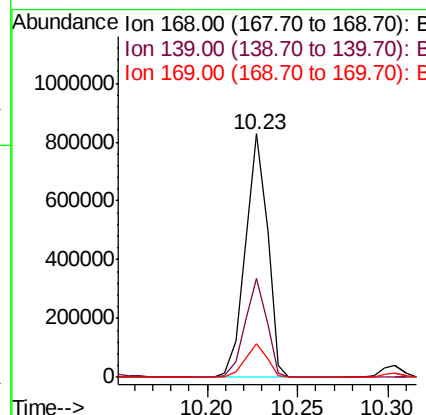
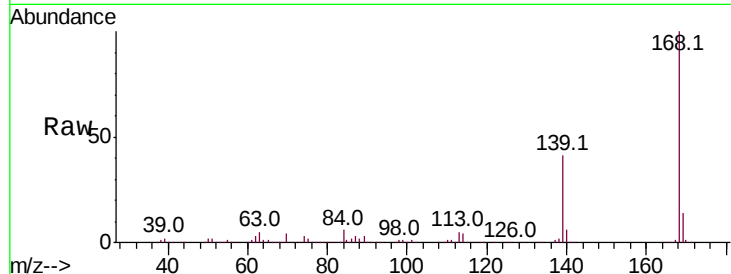
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.7  | 33.0  | 49.6  |
| 169     | 13.7  | 11.3  | 16.9  |

Manual Integrations  
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#56

4-Nitrophenol

Concen: 39.685 ng

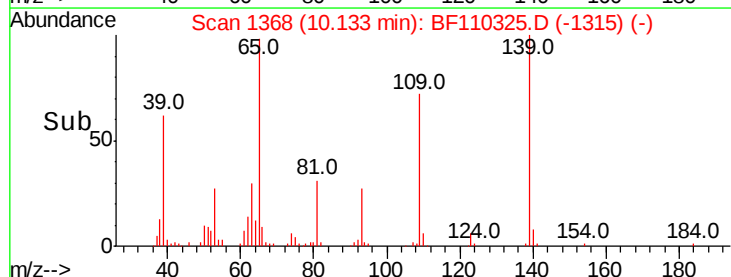
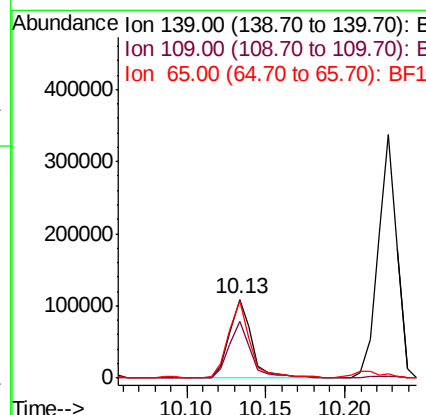
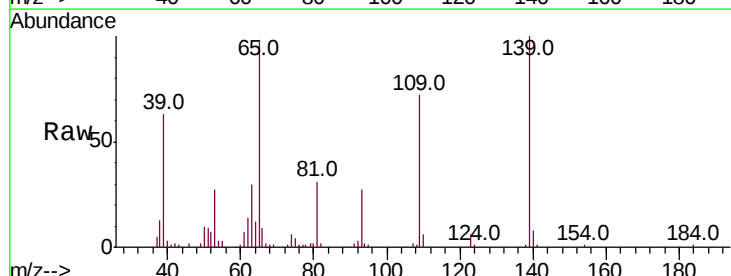
RT: 10.13 min Scan# 1368

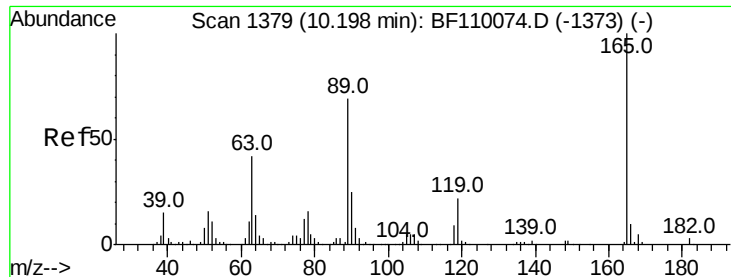
Delta R.T. 0.01 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 72.5  | 55.8  | 95.8  |
| 65      | 98.3  | 77.9  | 117.9 |





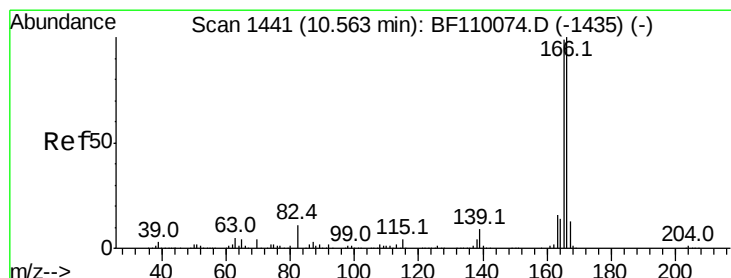
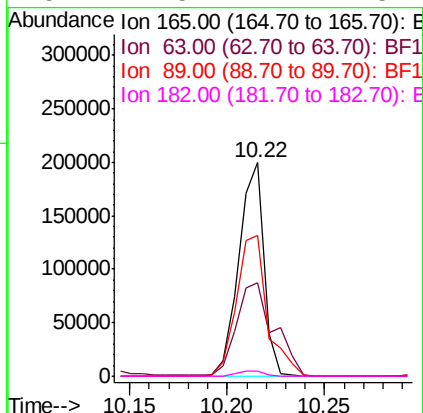
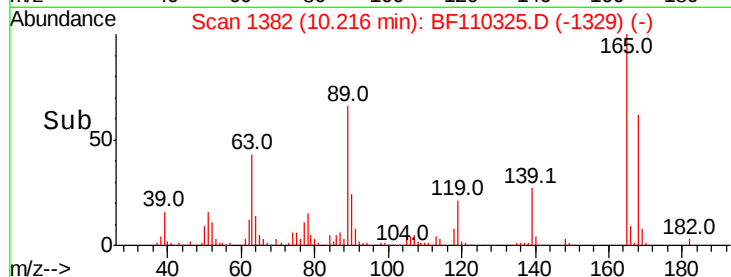
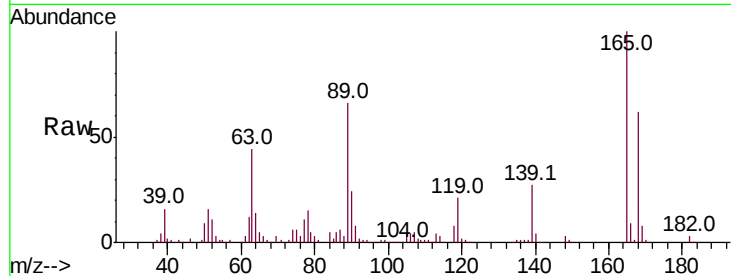
#57  
2,4-Dinitrotoluene  
Concen: 45.243 ng  
RT: 10.22 min Scan# 1382  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 43.7  | 44.8  | 67.2# |
| 89      | 66.1  | 62.2  | 93.4  |
| 182     | 2.5   | 2.1   | 3.1   |

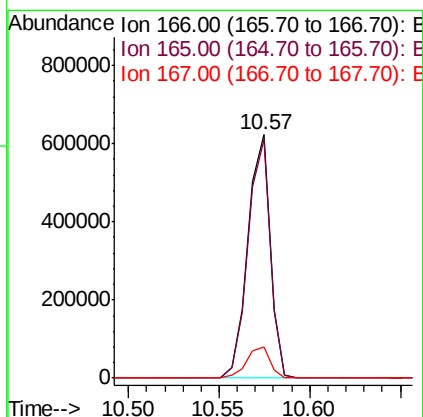
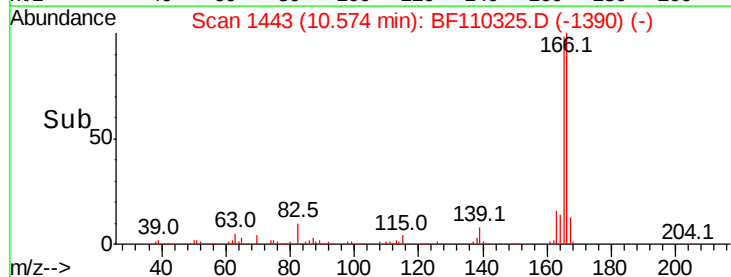
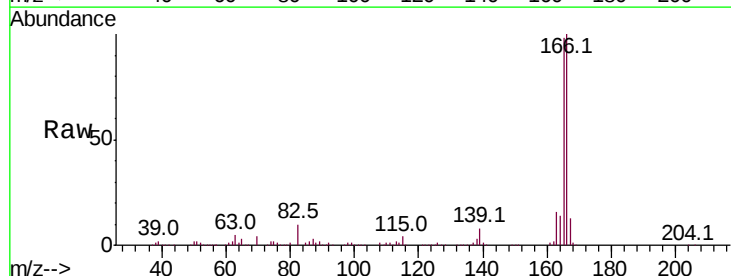
Manual Integrations  
APPROVED

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11/1/2018 10:45:51 AM



#58  
Fluorene  
Concen: 41.664 ng  
RT: 10.57 min Scan# 1443  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.0  | 78.6  | 117.8 |
| 167     | 12.9  | 10.8  | 16.2  |





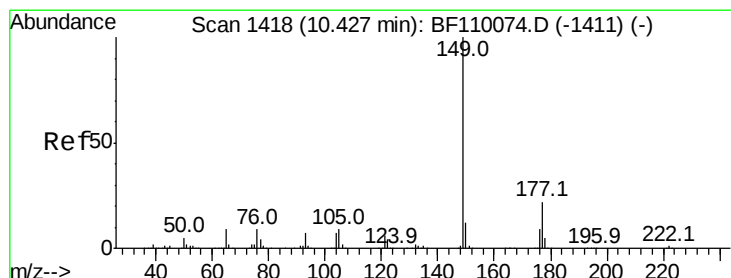
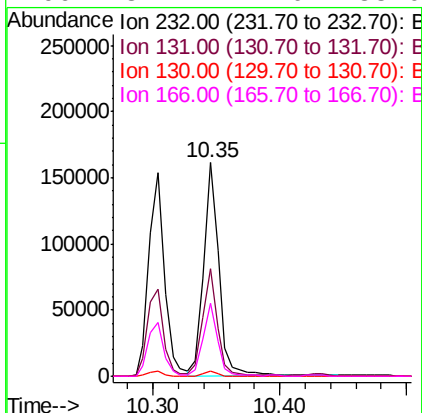
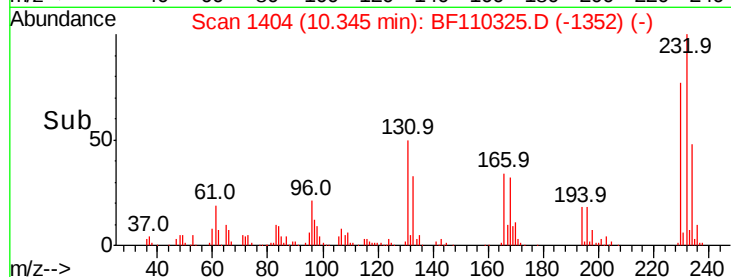
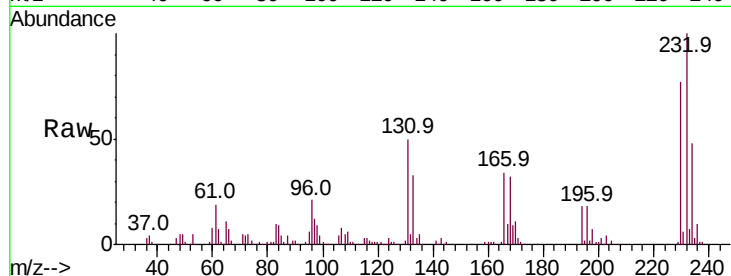
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 40.068 ng  
 RT: 10.35 min Scan# 1404  
 Delta R.T. 0.01 min  
 Lab File: BF110325.D  
 Acq: 31 Oct 2018 11:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 135115 |       |       |
| 131     | 49.5  |        | 37.0  | 55.4  |
| 130     | 2.3   |        | 1.8   | 2.6   |
| 166     | 32.4  |        | 22.0  | 33.0  |

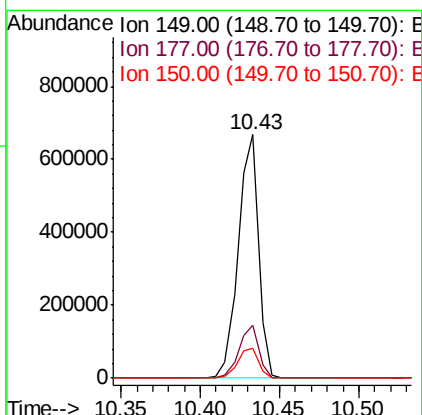
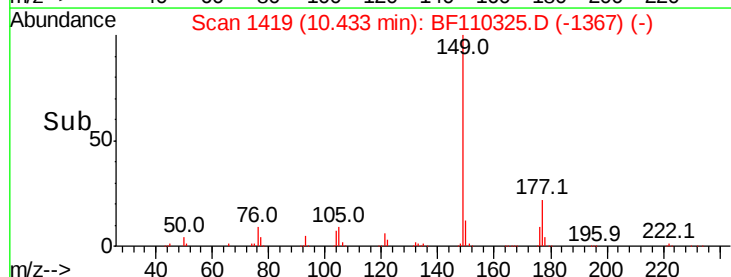
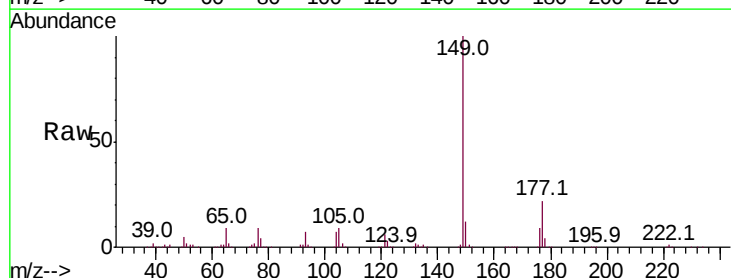
Manual Integrations  
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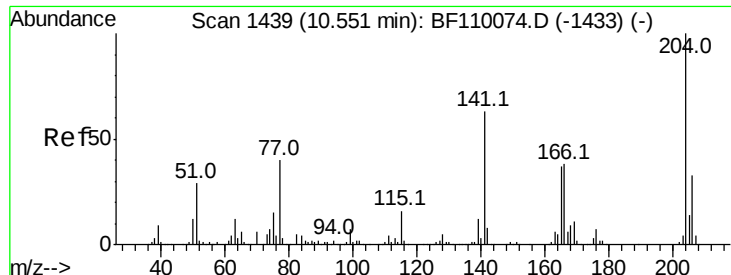
Sohil  
 11/1/2018 10:45:51 AM



#60  
 Diethylphthalate  
 Concen: 42.071 ng  
 RT: 10.43 min Scan# 1419  
 Delta R.T. 0.01 min  
 Lab File: BF110325.D  
 Acq: 31 Oct 2018 11:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 590415 |       |       |
| 177     | 21.7  |        | 17.4  | 26.2  |
| 150     | 12.0  |        | 9.8   | 14.8  |





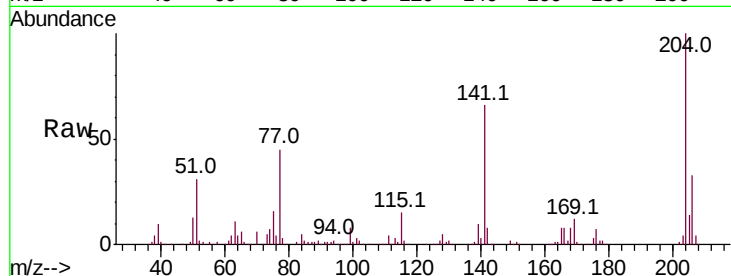
#61  
4-Chlorophenyl-phenylether  
Concen: 41.294 ng  
RT: 10.56 min Scan# 1440  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.9  | 26.5  | 39.7  |
| 141     | 66.3  | 51.8  | 77.8  |

Manual Integrations  
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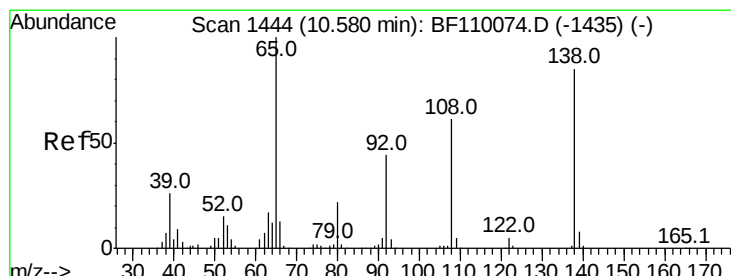
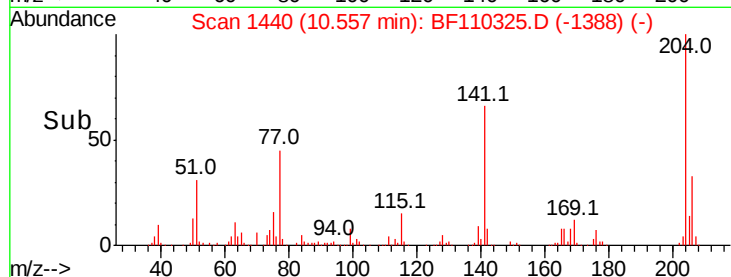
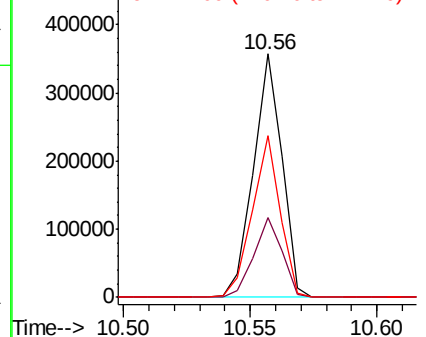


Abundance

Ion 204.00 (203.70 to 204.70): E

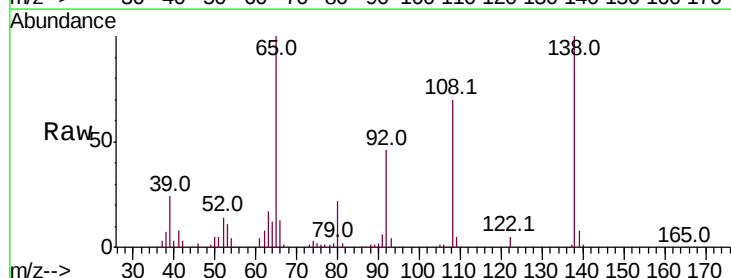
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 43.184 ng  
RT: 10.60 min Scan# 1447  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 45.9  | 31.7  | 71.7  |
| 108     | 70.1  | 59.3  | 99.3  |

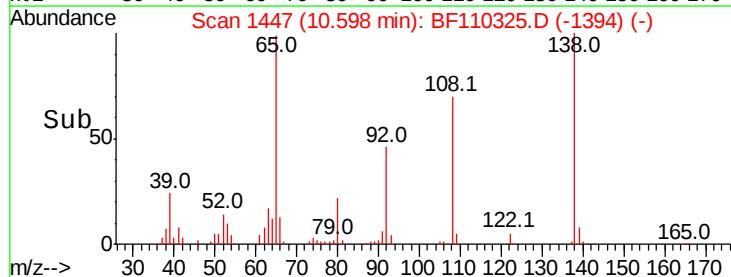
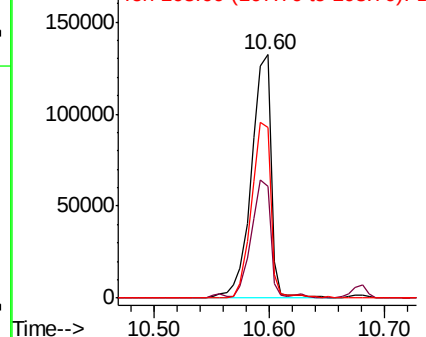


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





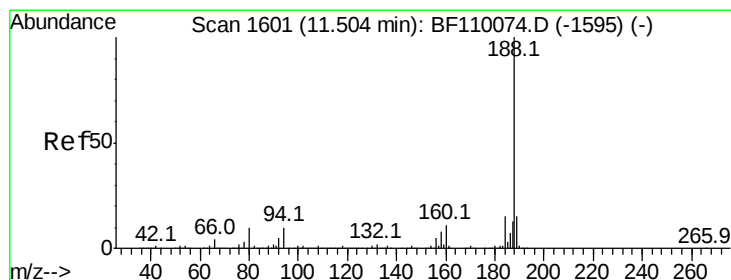
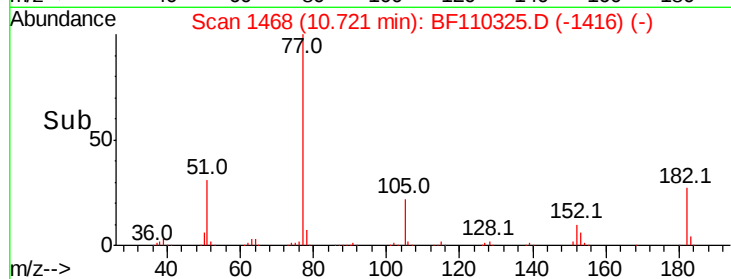
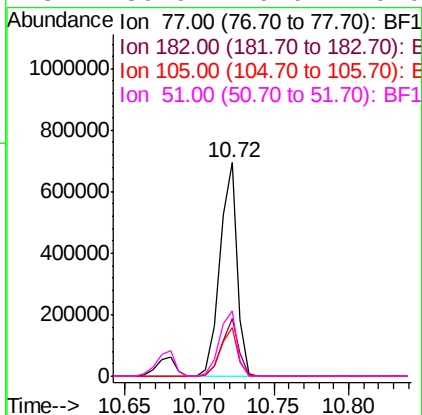
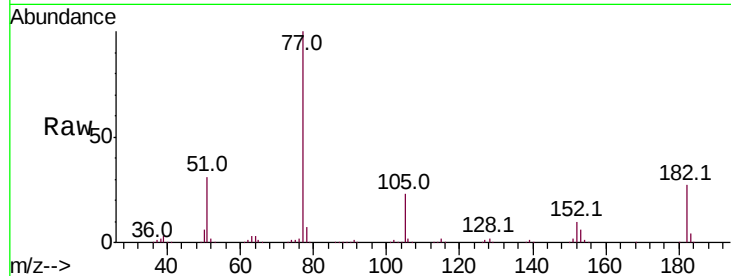
#63  
Azobenzene  
Concen: 40.482 ng  
RT: 10.72 min Scan# 1468  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 27.1  | 4.3   | 44.3  |
| 105     | 22.6  | 1.3   | 41.3  |
| 51      | 30.9  | 9.0   | 49.0  |

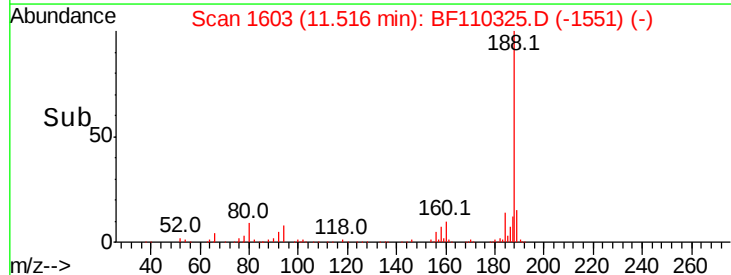
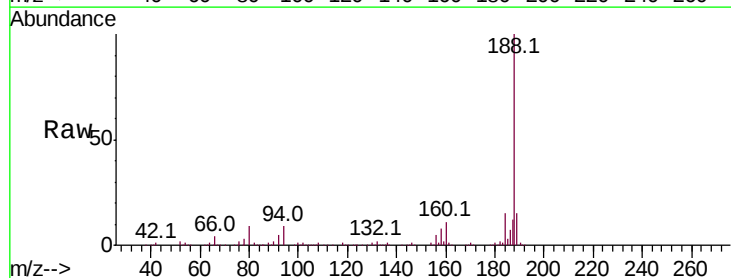
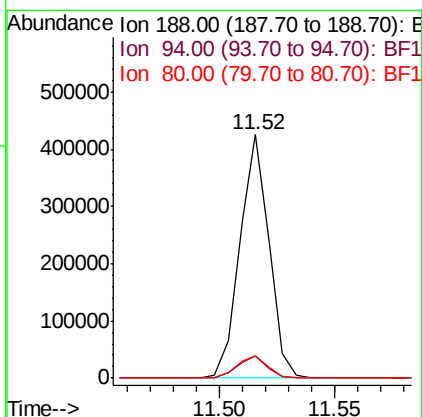
Manual Integrations  
APPROVED

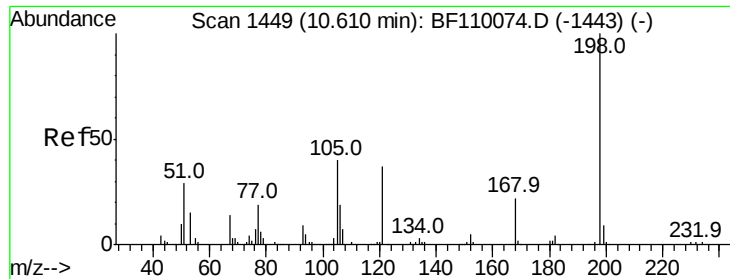
Sohil  
11/1/2018 10:45:51 AM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.52 min Scan# 1603  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.9   | 7.2   | 10.8  |
| 80      | 9.3   | 7.9   | 11.9  |





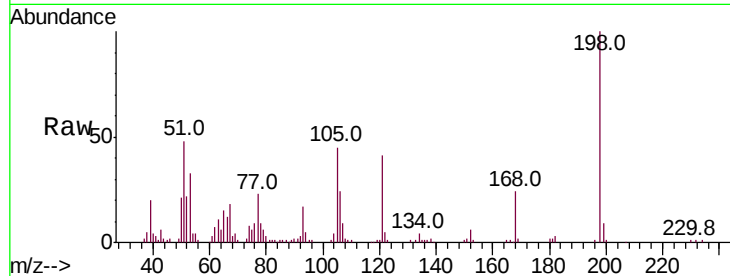
#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.543 ng  
RT: 10.63 min Scan# 1452  
Delta R.T. 0.02 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 48.2  | 22.8  | 62.8  |
| 105     | 44.9  | 23.6  | 63.6  |

Manual Integrations  
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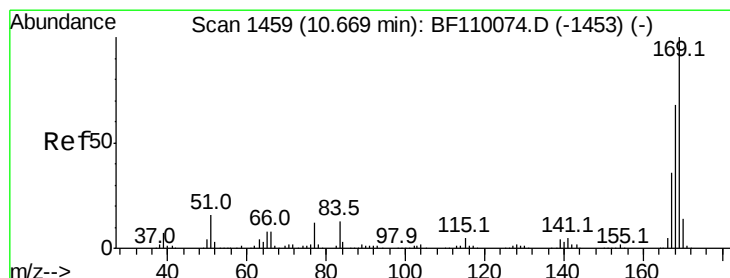
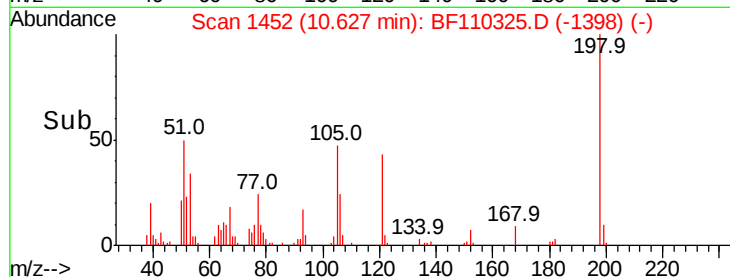
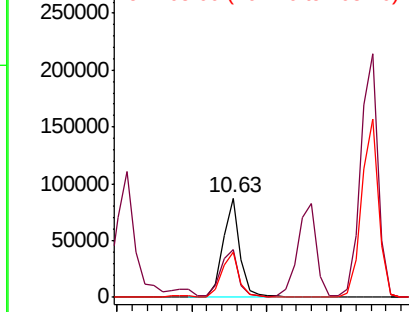


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66  
n-Nitrosodiphenylamine  
Concen: 40.953 ng  
RT: 10.68 min Scan# 1461  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

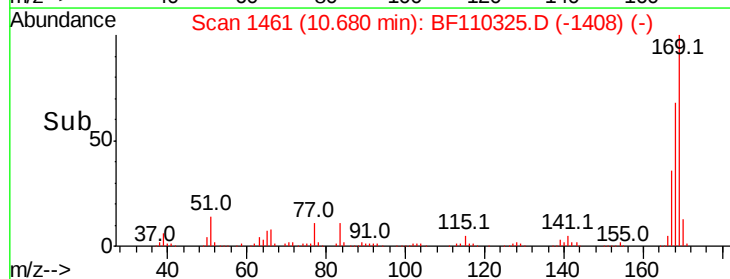
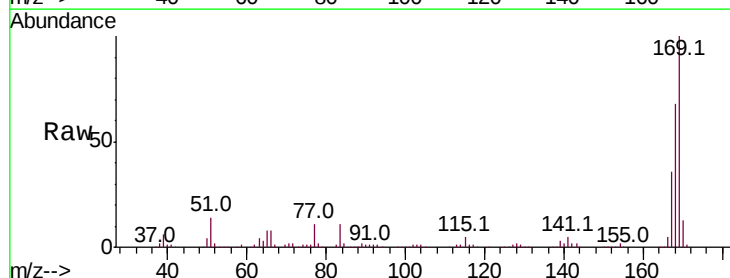
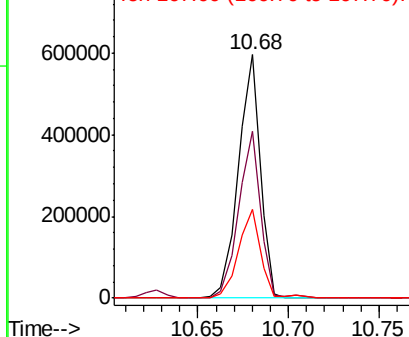
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.3  | 51.2  | 76.8  |
| 167     | 36.2  | 27.8  | 41.6  |

Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





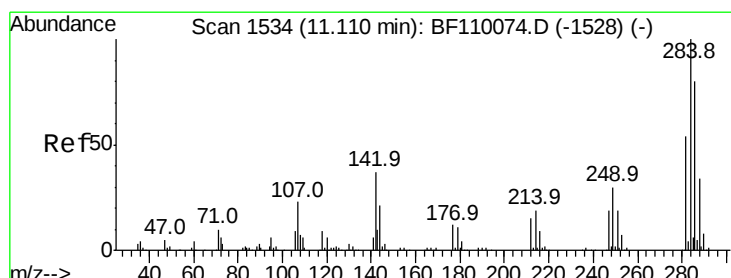
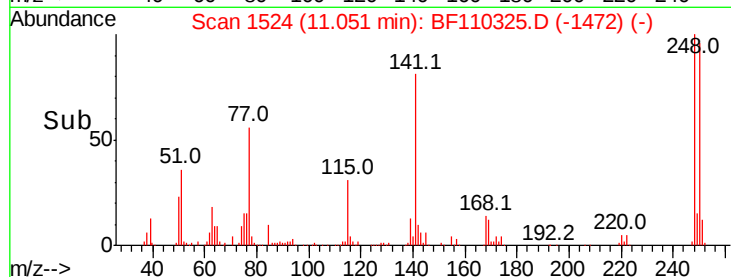
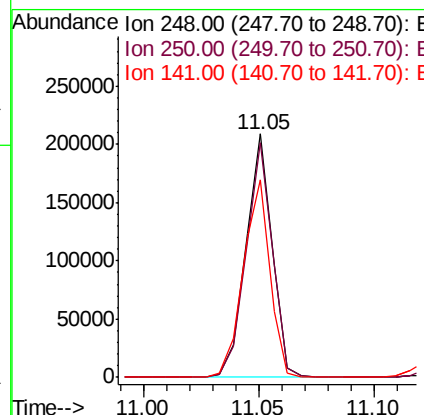
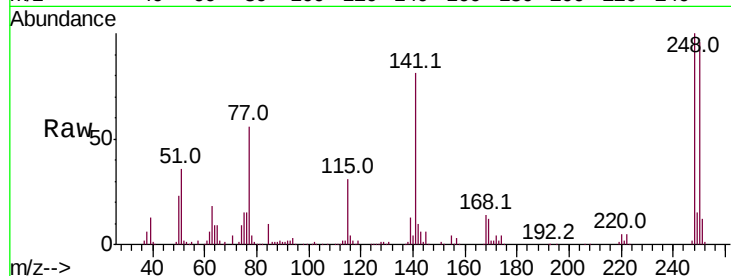
#67  
4-Bromophenyl-phenylether  
Concen: 40.853 ng  
RT: 11.05 min Scan# 1524  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.2  | 79.4  | 119.2 |
| 141     | 81.0  | 55.9  | 83.9  |

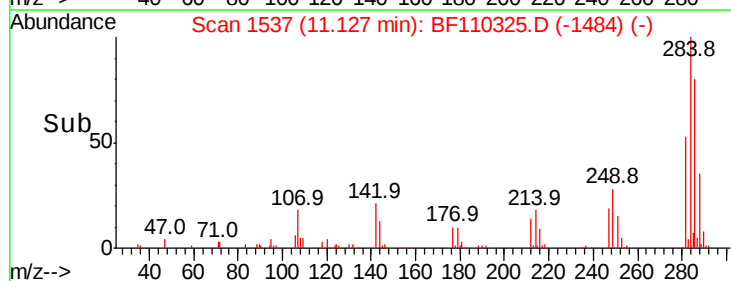
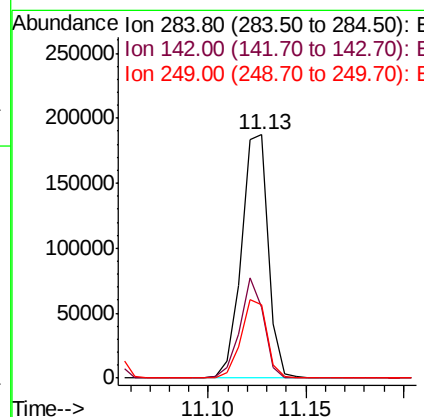
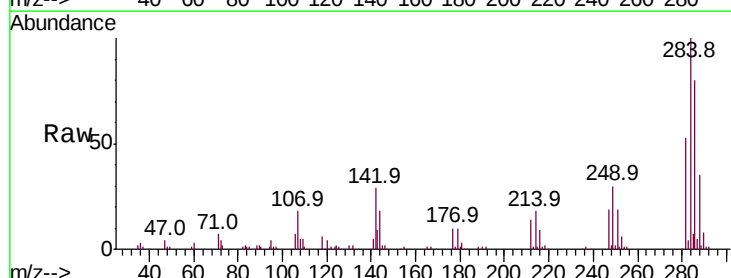
Manual Integrations  
APPROVED

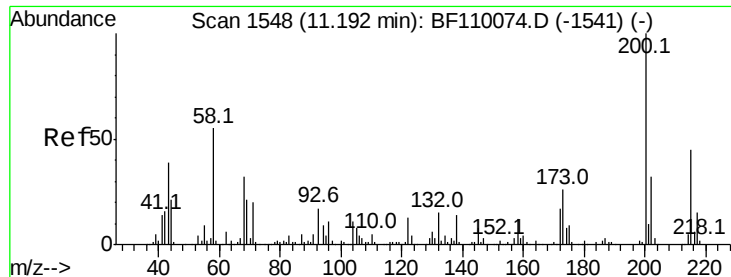
Sohil  
11/1/2018 10:45:51 AM



#68  
Hexachlorobenzene  
Concen: 41.301 ng  
RT: 11.13 min Scan# 1537  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 29.1  | 23.9  | 35.9  |
| 249     | 30.2  | 24.2  | 36.2  |





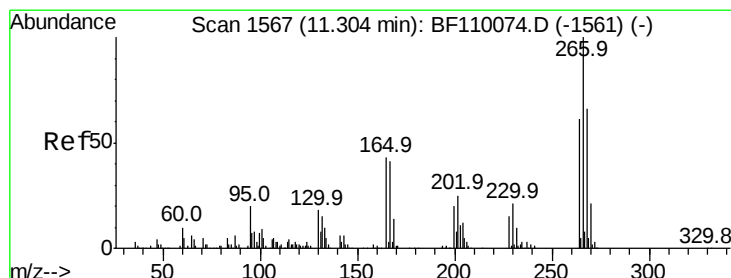
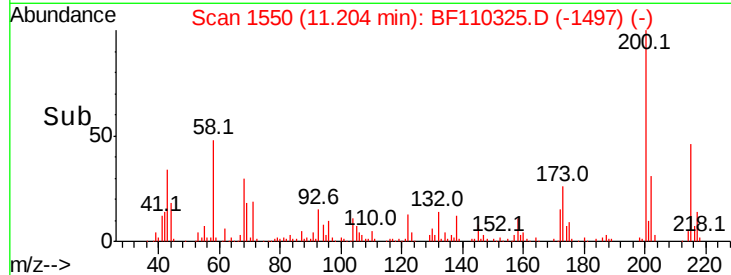
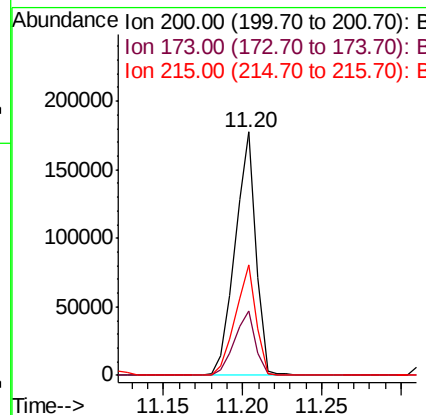
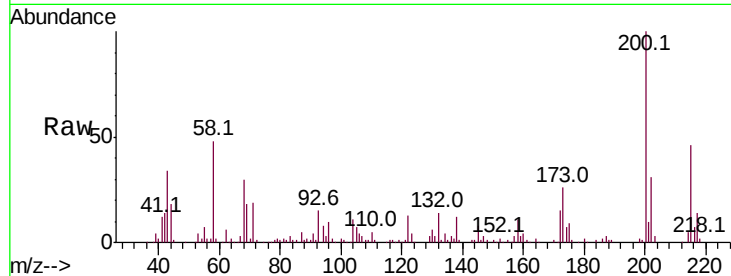
#69  
Atrazine  
Concen: 41.852 ng  
RT: 11.20 min Scan# 1550  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 26.3  | 6.6        | 46.6  |
| 215     | 45.6  | 26.3       | 66.3  |

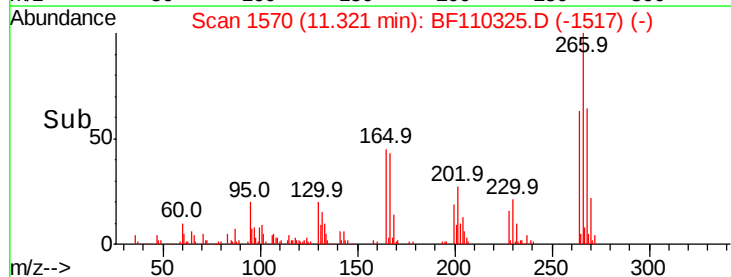
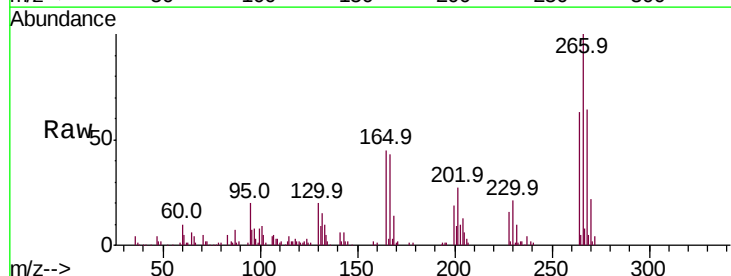
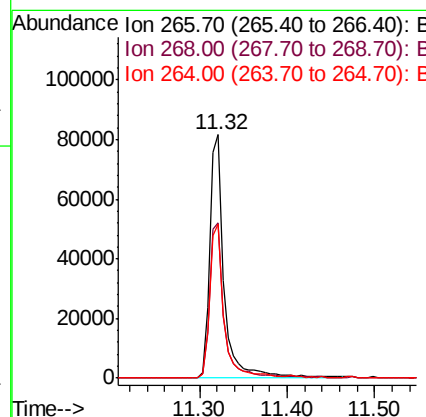
Manual Integrations  
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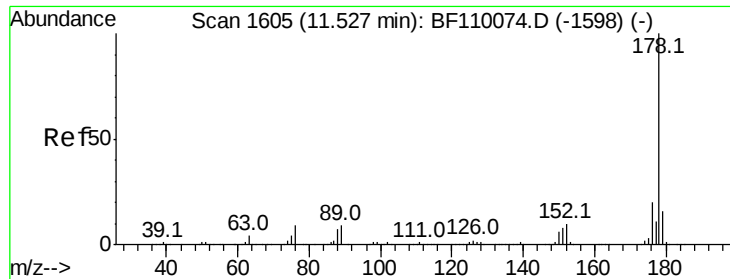
Sohil  
11/1/2018 10:45:51 AM



#70  
Pentachlorophenol  
Concen: 37.585 ng  
RT: 11.32 min Scan# 1570  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 64.0  | 50.6       | 75.8  |
| 264     | 63.0  | 50.6       | 75.8  |





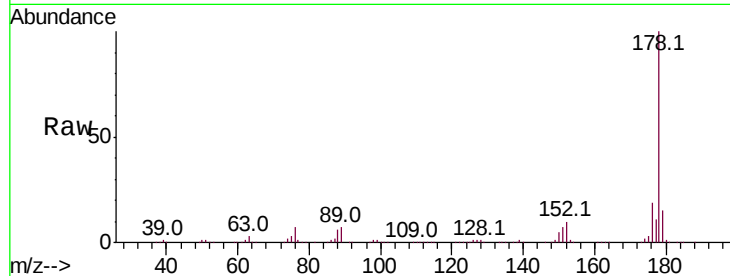
#71  
Phenanthrene  
Concen: 40.823 ng  
RT: 11.54 min Scan# 1608  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.5  | 23.3  |
| 179     | 15.2  | 12.5  | 18.7  |

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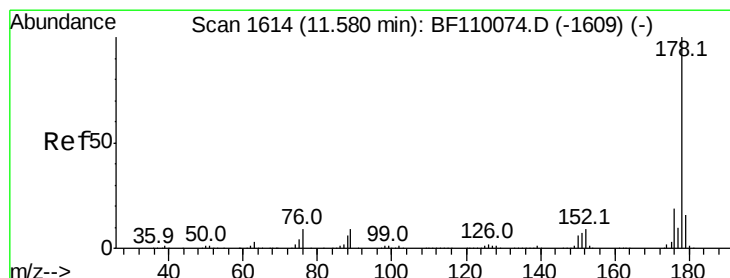
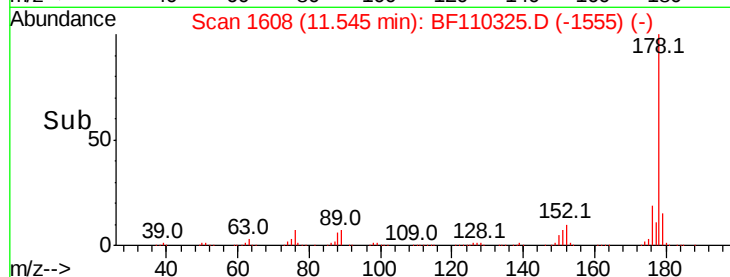
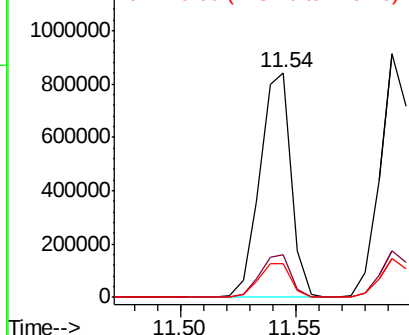


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72  
Anthracene  
Concen: 41.200 ng  
RT: 11.59 min Scan# 1616  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

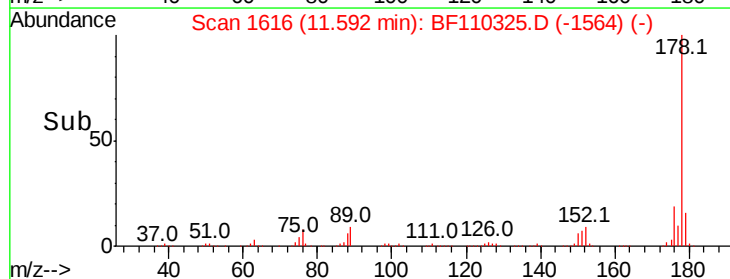
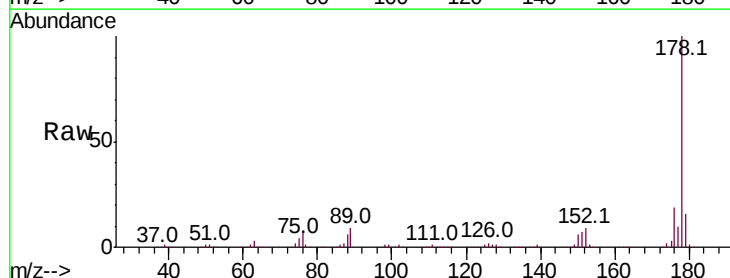
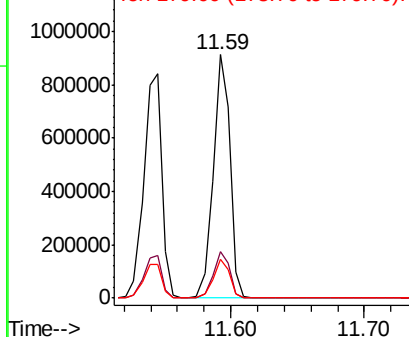
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.0  | 15.4  | 23.2  |
| 179     | 15.7  | 12.6  | 18.8  |

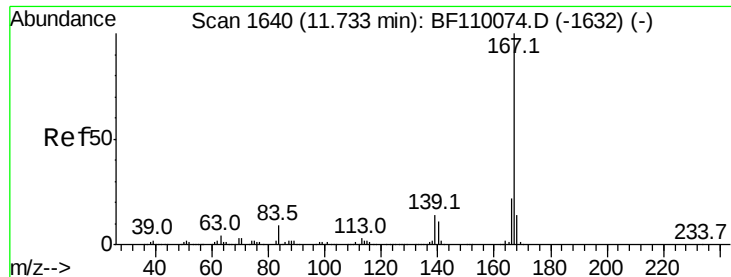
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





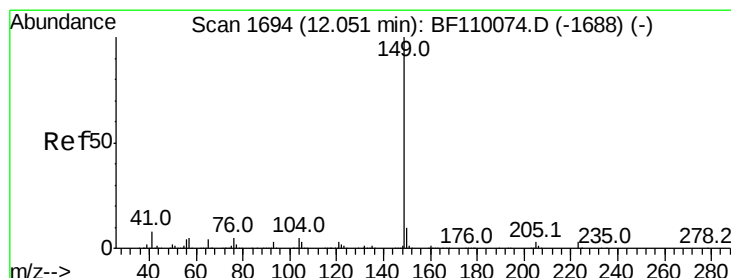
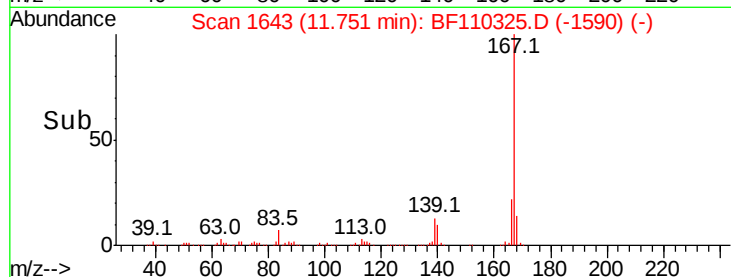
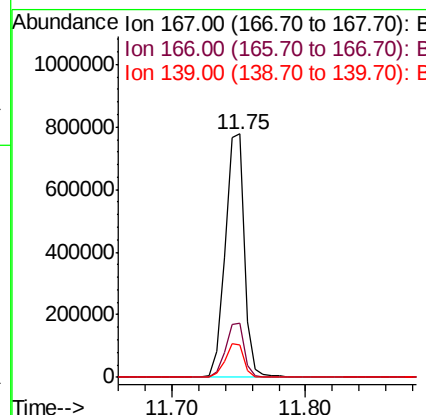
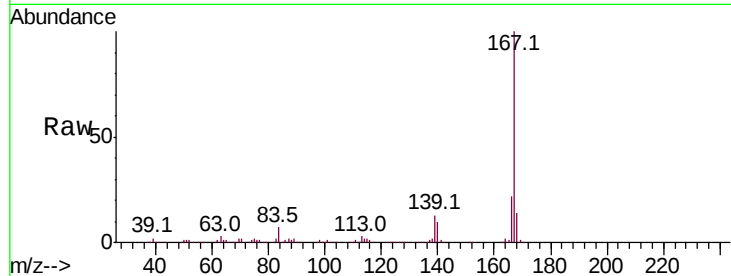
#73  
 Carbazole  
 Concen: 41.565 ng  
 RT: 11.75 min Scan# 1643  
 Delta R.T. 0.01 min  
 Lab File: BF110325.D  
 Acq: 31 Oct 2018 11:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.0  | 17.4  | 26.0  |
| 139     | 13.2  | 10.9  | 16.3  |

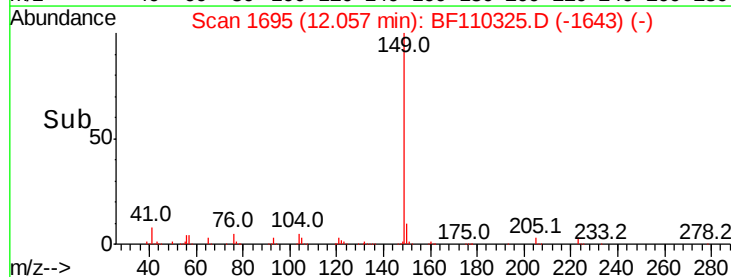
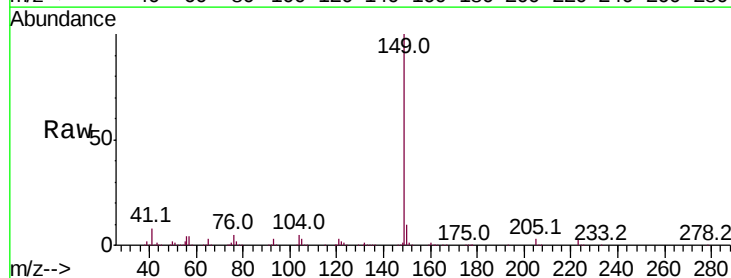
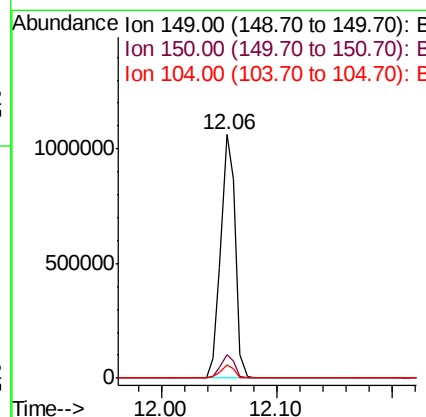
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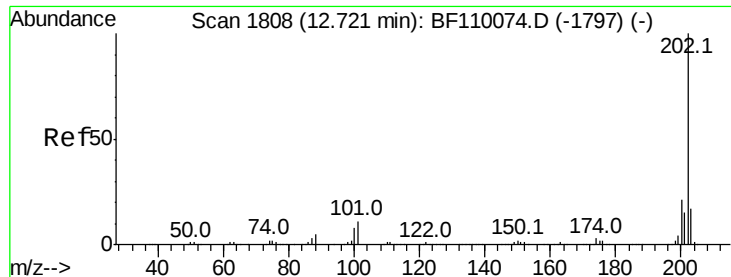
Sohil  
 11/1/2018 10:45:51 AM



#74  
 Di-n-butylphthalate  
 Concen: 42.875 ng  
 RT: 12.06 min Scan# 1695  
 Delta R.T. 0.01 min  
 Lab File: BF110325.D  
 Acq: 31 Oct 2018 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.5   | 7.7   | 11.5  |
| 104     | 5.2   | 4.2   | 6.4   |





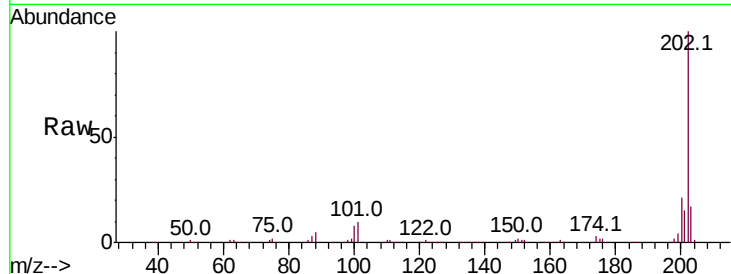
#75  
 Fluoranthene  
 Concen: 41.218 ng  
 RT: 12.74 min Scan# 1811  
 Delta R.T. 0.01 min  
 Lab File: BF110325.D  
 Acq: 31 Oct 2018 11:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

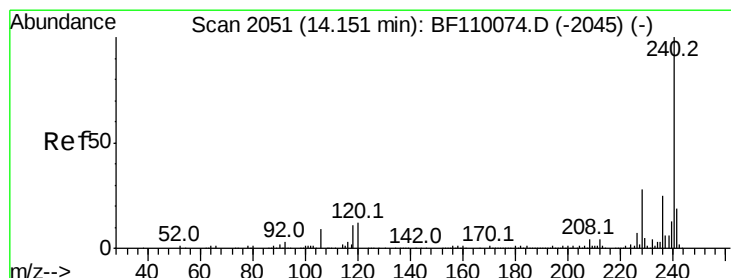
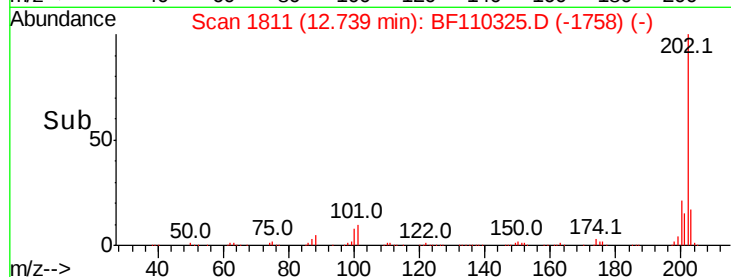
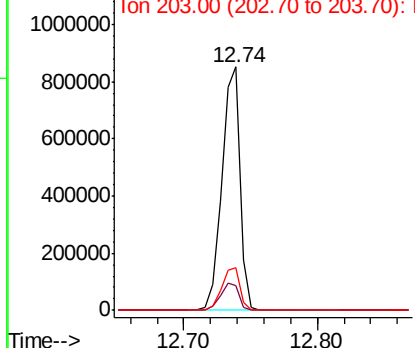
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 817152 |       |       |
| 101     | 10.1  | 0.0    | 31.4  |       |
| 203     | 17.3  | 0.0    | 37.7  |       |

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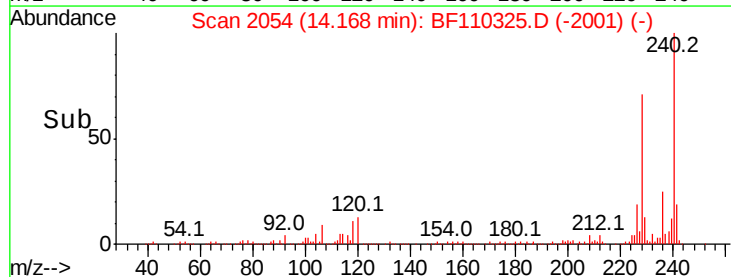
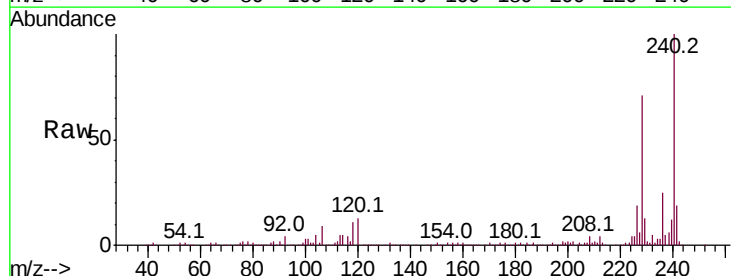
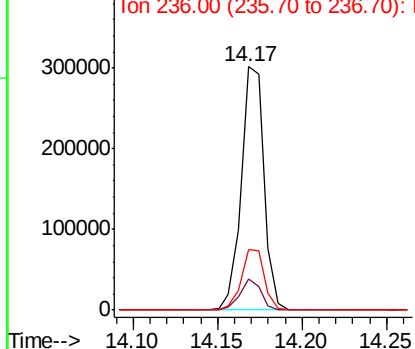
Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

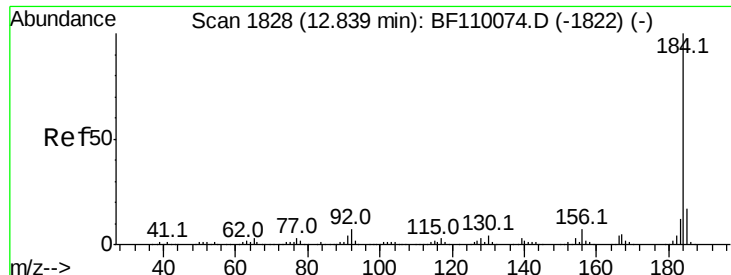


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.17 min Scan# 2054  
 Delta R.T. 0.01 min  
 Lab File: BF110325.D  
 Acq: 31 Oct 2018 11:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 283091 |       |       |
| 120     | 12.7  | 8.3    | 12.5# |       |
| 236     | 25.0  | 21.2   | 31.8  |       |

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





#77

Benzidine

Concen: 44.751 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

Instrument :

BNA\_F

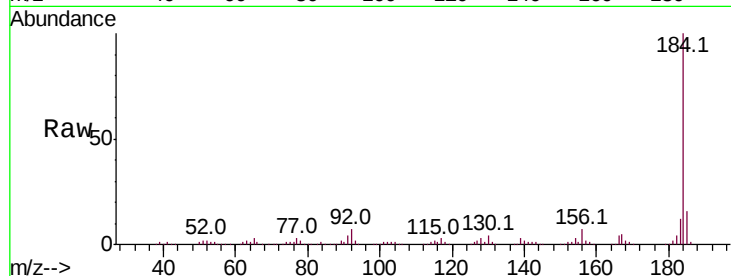
ClientSampleId :

SSTDCCC040

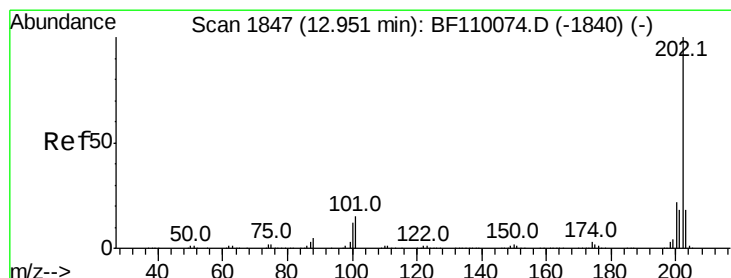
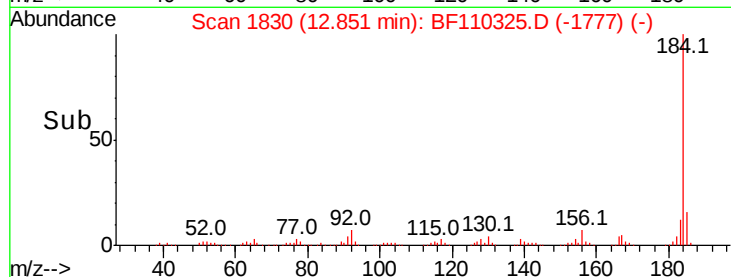
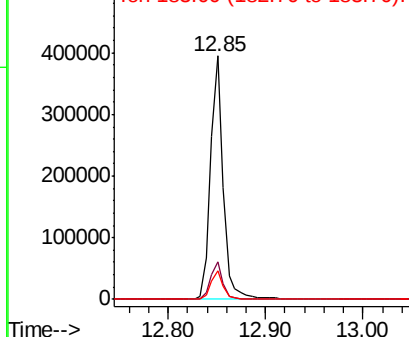
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 357472 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.7  | 13.4  | 20.2   |
| 183       | 11.9  | 9.4   | 14.2   |

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



#78

Pyrene

Concen: 41.804 ng

RT: 12.97 min Scan# 1850

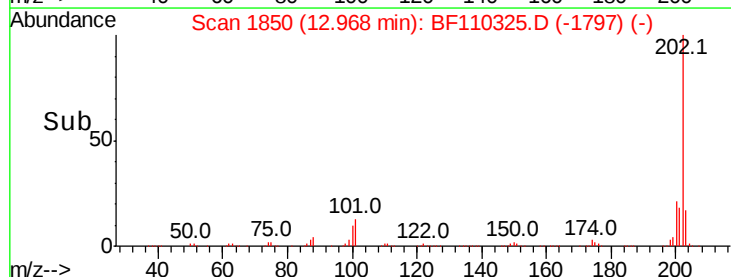
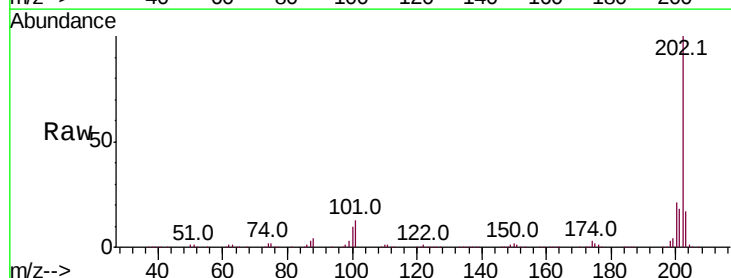
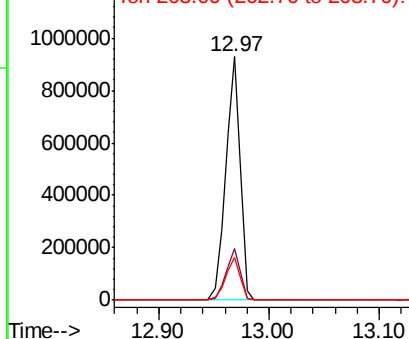
Delta R.T. 0.01 min

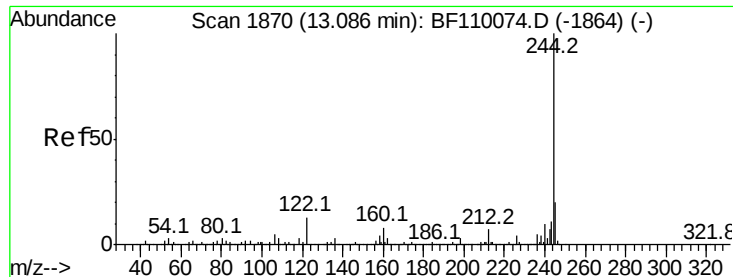
Lab File: BF110325.D

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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 848423 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.2  | 17.8  | 26.6   |
| 203       | 17.3  | 14.2  | 21.4   |

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





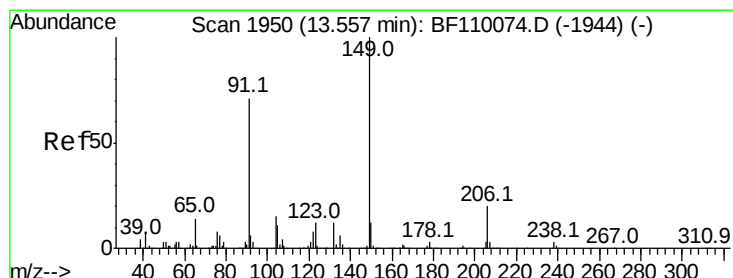
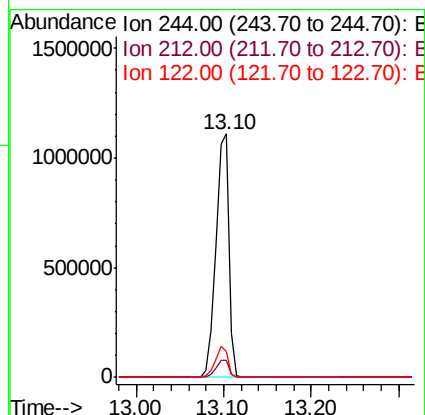
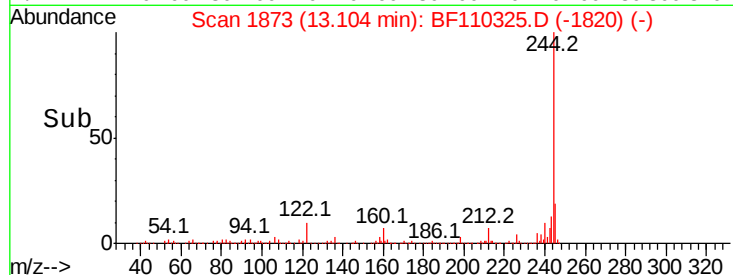
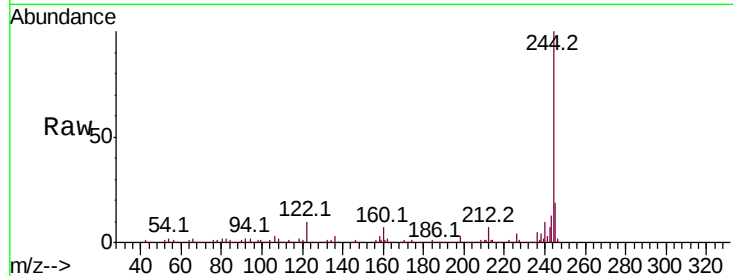
#79  
 Terphenyl-d14  
 Concen: 84.199 ng  
 RT: 13.10 min Scan# 1873  
 Delta R.T. 0.01 min  
 Lab File: BF110325.D  
 Acq: 31 Oct 2018 11:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.9   | 5.8   | 8.8   |
| 122     | 10.5  | 8.7   | 13.1  |

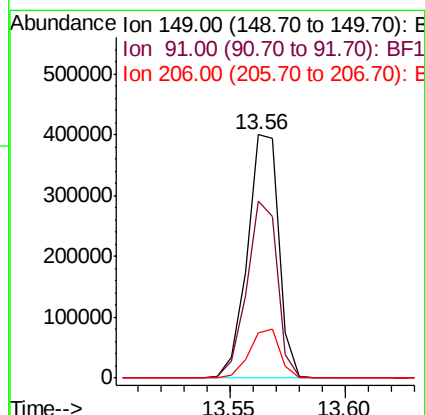
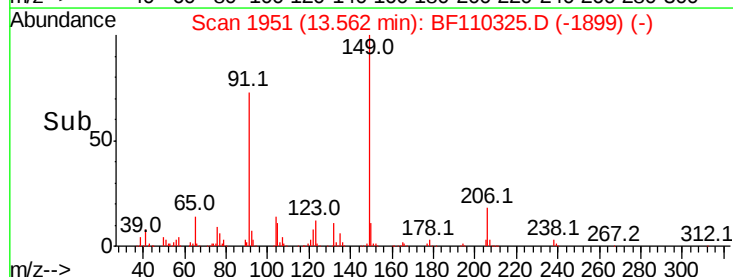
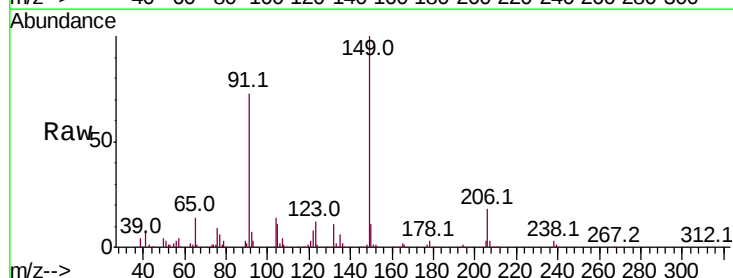
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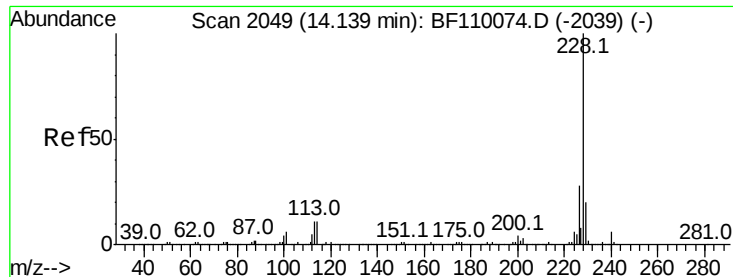
Sohil  
 11/1/2018 10:45:51 AM



#80  
 Butylbenzylphthalate  
 Concen: 43.404 ng  
 RT: 13.56 min Scan# 1951  
 Delta R.T. 0.01 min  
 Lab File: BF110325.D  
 Acq: 31 Oct 2018 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 72.8  | 57.2  | 85.8  |
| 206     | 18.4  | 15.7  | 23.5  |





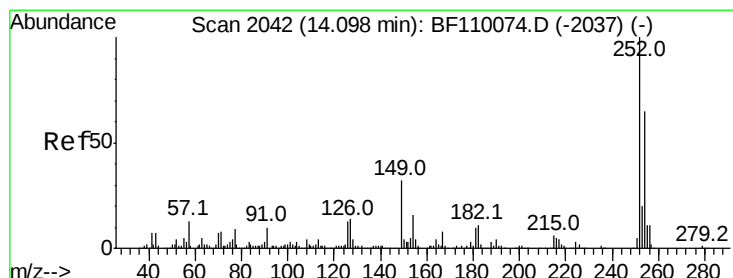
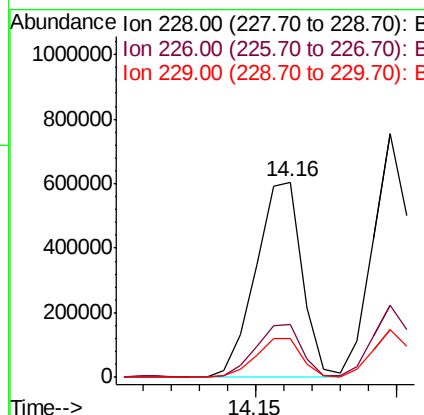
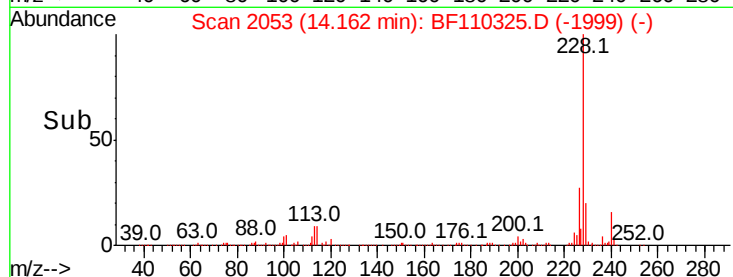
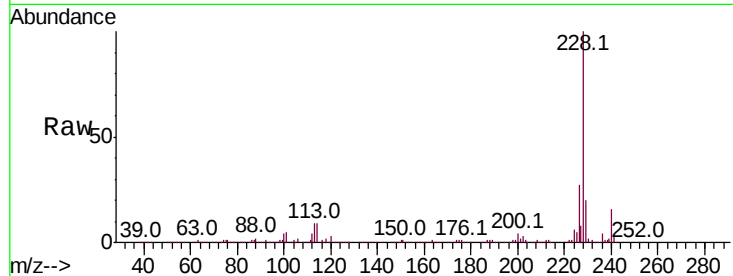
#81  
Benzo(a)anthracene  
Concen: 41.044 ng  
RT: 14.16 min Scan# 2053  
Delta R.T. 0.02 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 689048 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.3  | 22.1  | 33.1   |
| 229       | 19.9  | 15.6  | 23.4   |

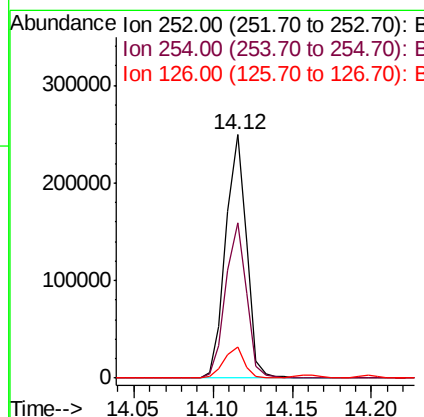
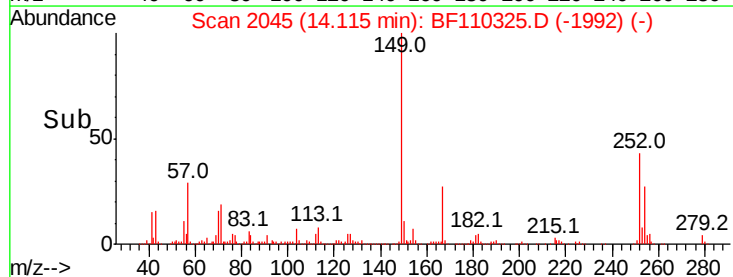
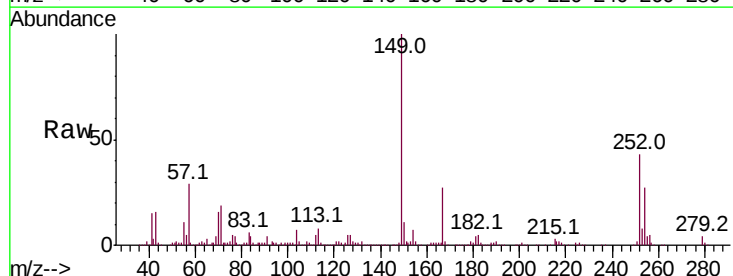
Manual Integrations  
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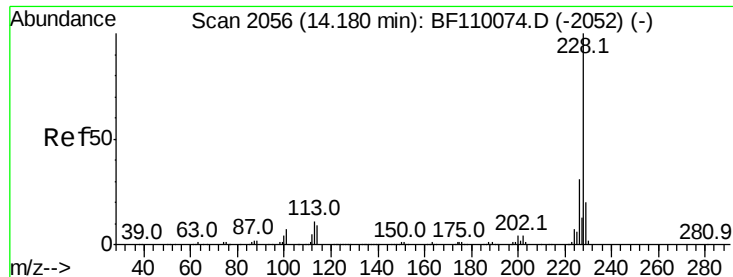
Sohil  
11/1/2018 10:45:51 AM



#82  
3,3'-Dichlorobenzidine  
Concen: 39.030 ng  
RT: 14.12 min Scan# 2045  
Delta R.T. 0.01 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 228164 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 63.9  | 51.3  | 76.9   |
| 126       | 12.5  | 9.4   | 14.2   |





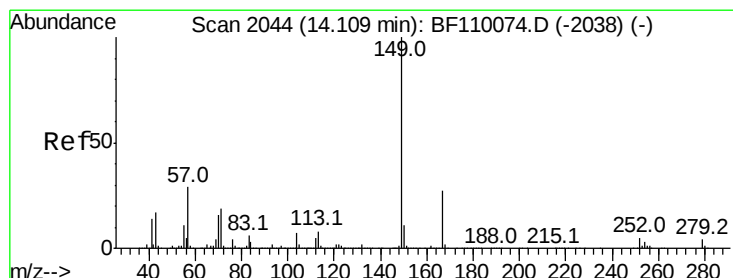
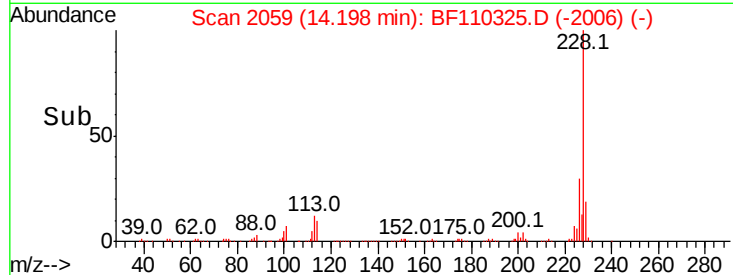
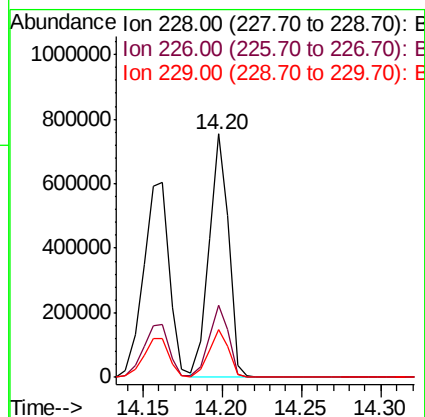
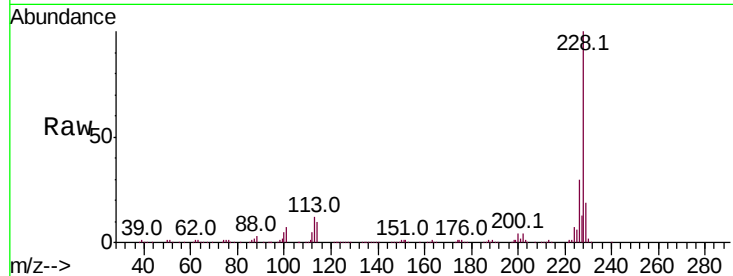
#83  
 Chrvsene  
 Concen: 40.944 ng  
 RT: 14.20 min Scan# 2059  
 Delta R.T. 0.01 min  
 Lab File: BF110325.D  
 Acq: 31 Oct 2018 11:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.9  | 24.7  | 37.1  |
| 229     | 19.5  | 15.9  | 23.9  |

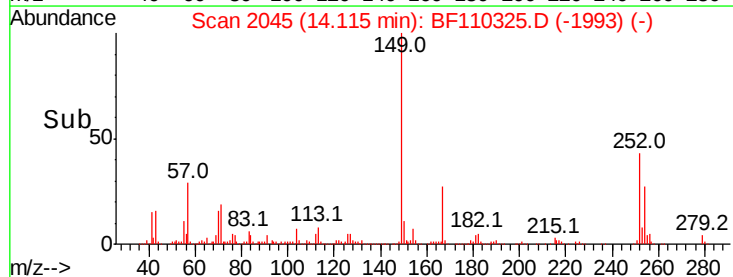
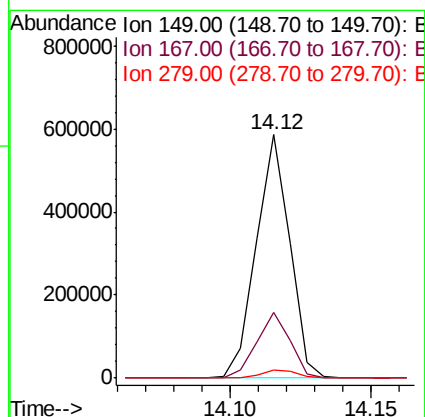
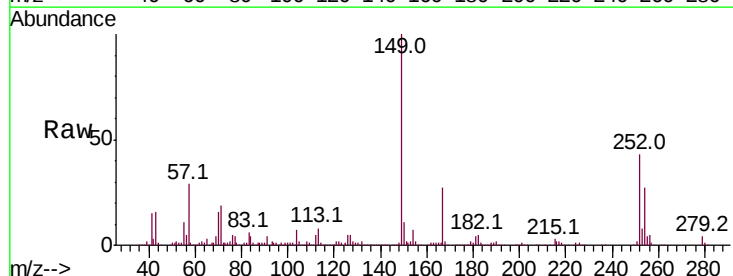
Manual Integrations  
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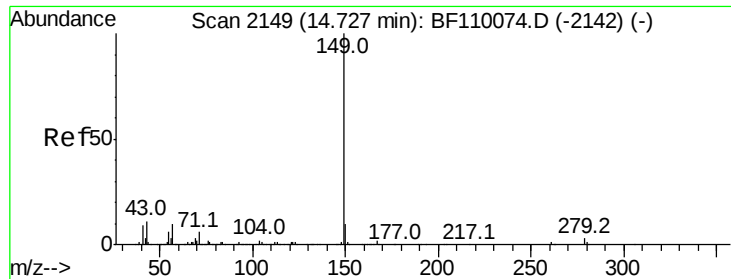
Sohil  
 11/1/2018 10:45:51 AM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.434 ng  
 RT: 14.12 min Scan# 2045  
 Delta R.T. 0.01 min  
 Lab File: BF110325.D  
 Acq: 31 Oct 2018 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.0  | 19.8  | 29.8  |
| 279     | 3.6   | 2.7   | 4.1   |





#85

Di-n-octyl phthalate

Concen: 42.695 ng

RT: 14.74 min Scan# 2151

Delta R.T. 0.01 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

Instrument :

BNA\_F

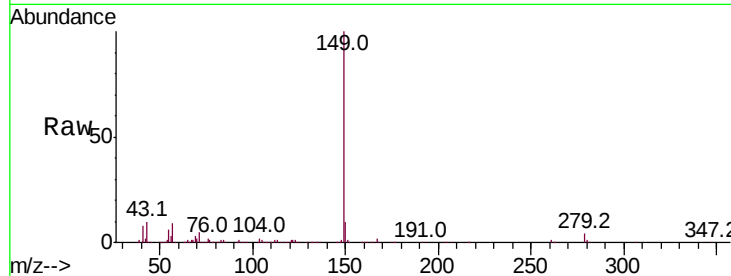
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 790537 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.5   | 1.1   | 1.7    |
| 43        | 10.3  | 7.8   | 11.8   |

Manual Integrations  
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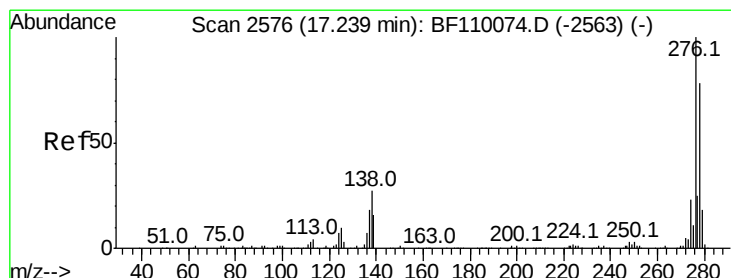
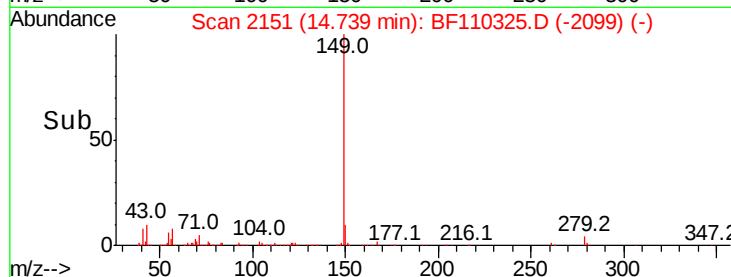
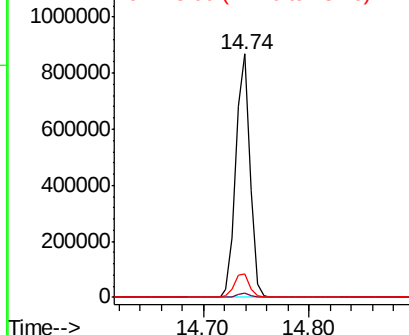


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.153 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.04 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

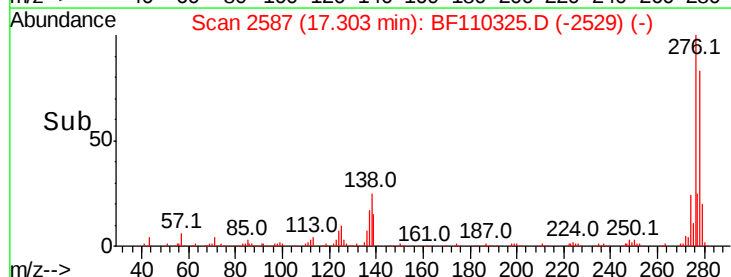
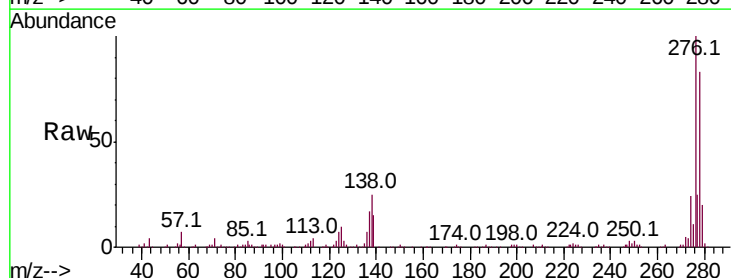
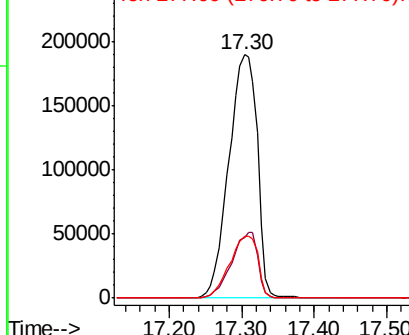
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 517914 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 24.9  | 18.5  | 27.7   |
| 277       | 25.5  | 20.0  | 30.0   |

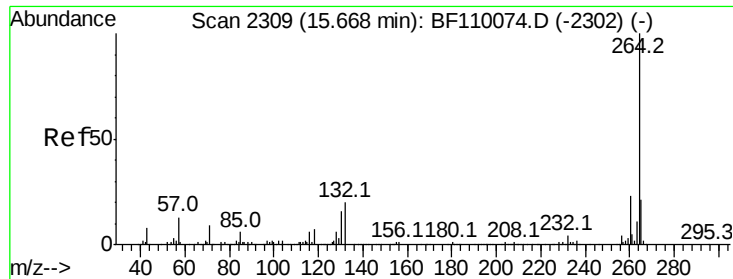
Abundance

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





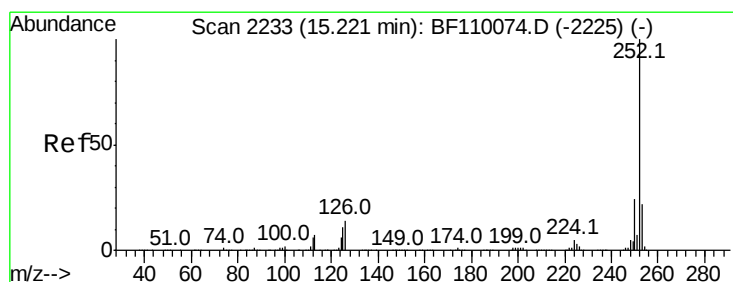
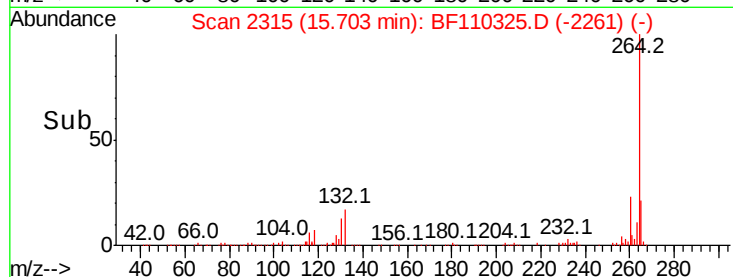
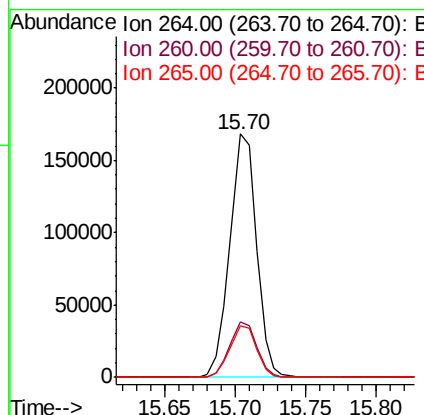
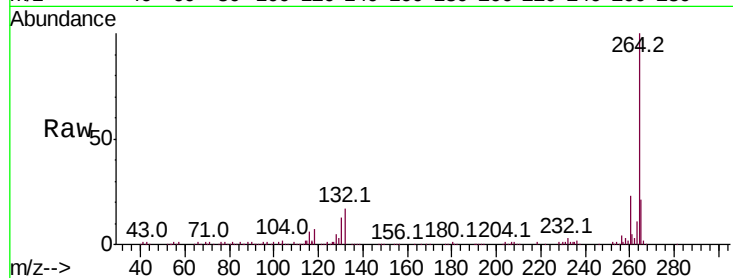
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.70 min Scan# 2315  
Delta R.T. 0.02 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.8  | 18.7  | 28.1  |
| 265     | 21.3  | 16.7  | 25.1  |

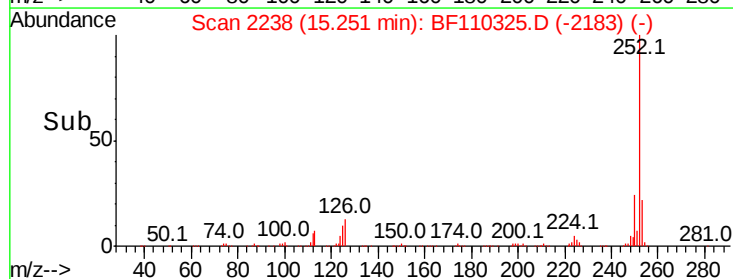
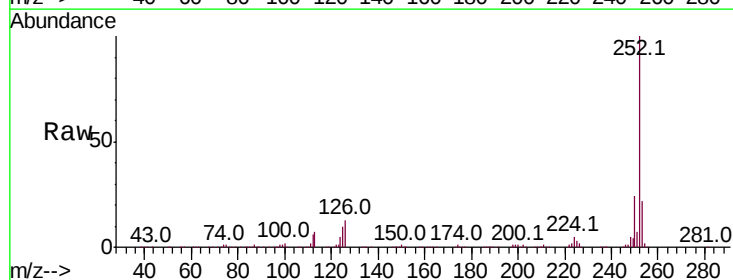
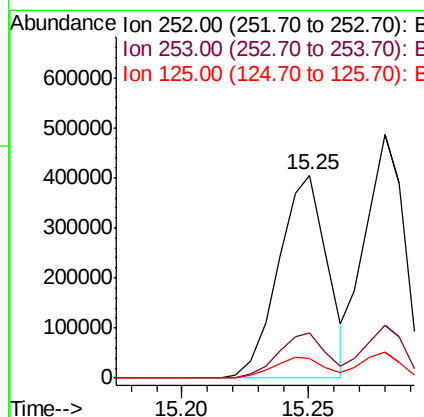
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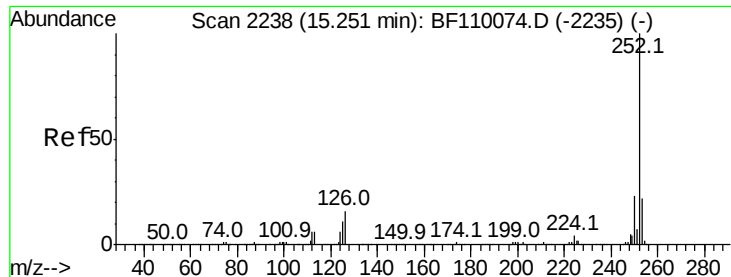
Sohil  
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#88  
Benzo(b)fluoranthene  
Concen: 42.037 ng  
RT: 15.25 min Scan# 2238  
Delta R.T. 0.02 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 17.2  | 25.8  |
| 125     | 9.9   | 8.2   | 12.4  |





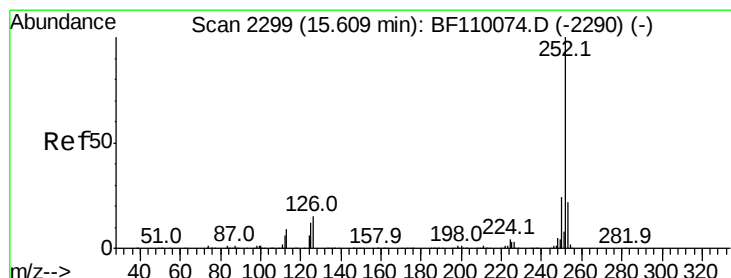
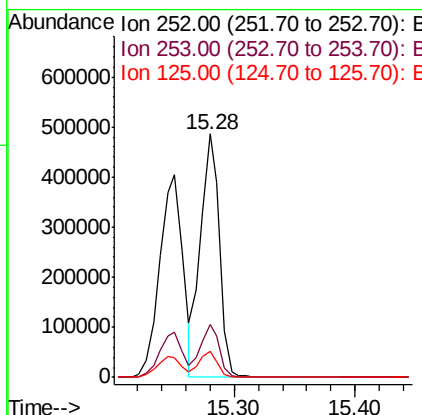
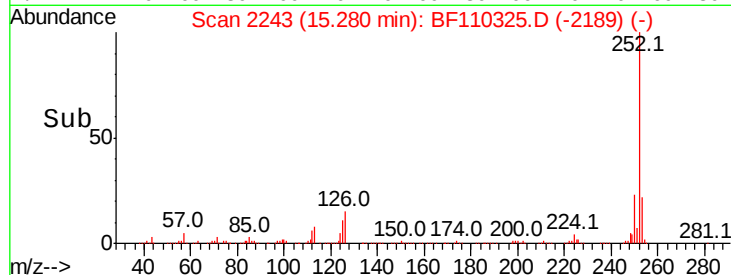
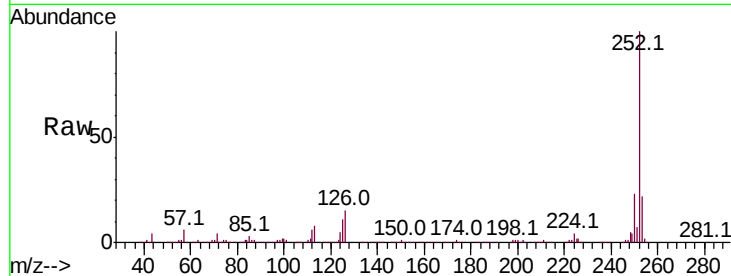
#89  
Benzo(k)fluoranthene  
Concen: 41.718 ng  
RT: 15.28 min Scan# 2243  
Delta R.T. 0.02 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.2  | 25.8  |
| 125     | 10.6  | 7.4   | 11.0  |

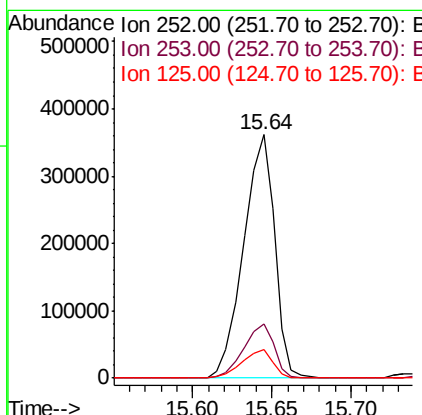
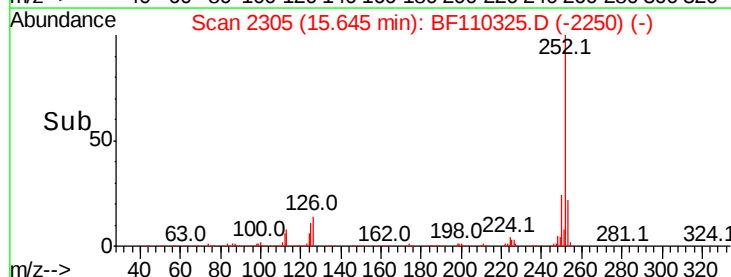
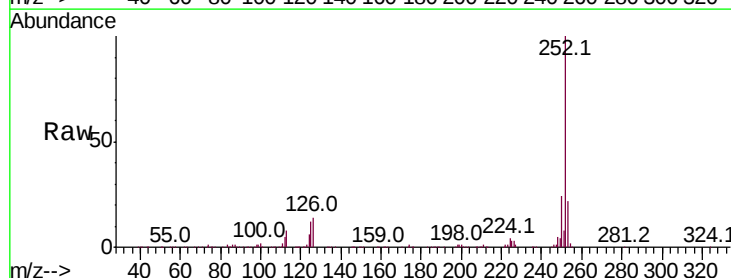
Manual Integrations  
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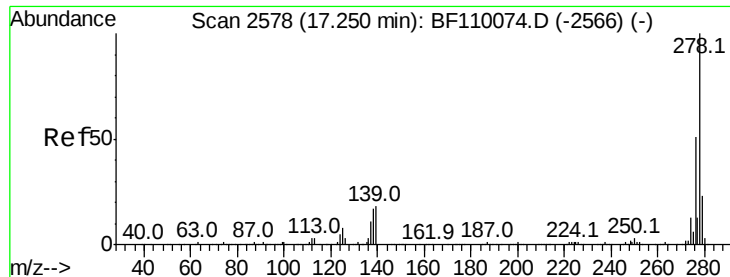
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#90  
Benzo(a)pyrene  
Concen: 41.513 ng  
RT: 15.64 min Scan# 2305  
Delta R.T. 0.02 min  
Lab File: BF110325.D  
Acq: 31 Oct 2018 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 18.2  | 27.4  |
| 125     | 11.5  | 9.0   | 13.6  |





#91

Dibenzo(a,h)anthracene

Concen: 41.970 ng

RT: 17.32 min Scan# 2589

Delta R.T. 0.04 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

Instrument :

BNA\_F

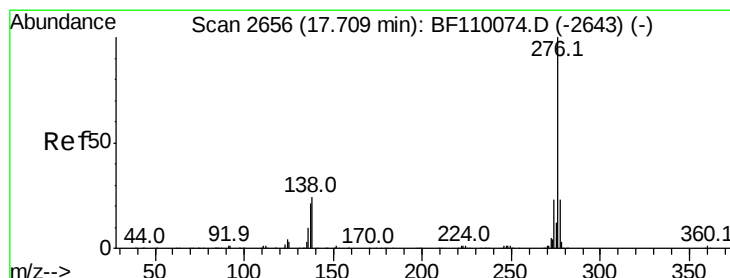
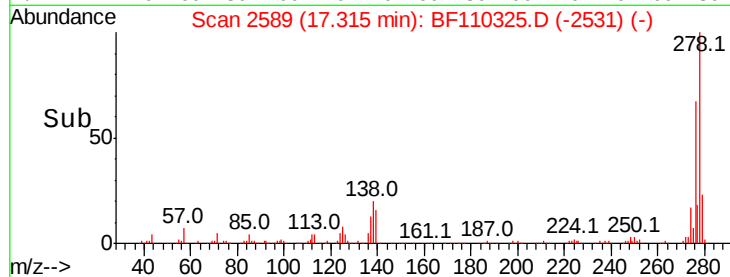
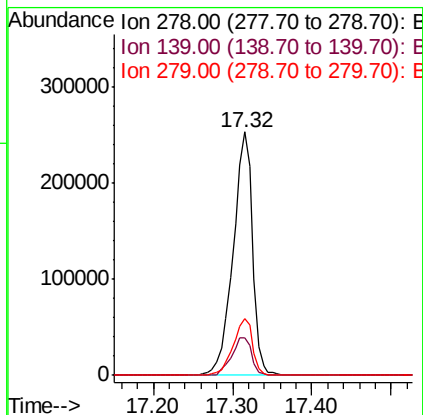
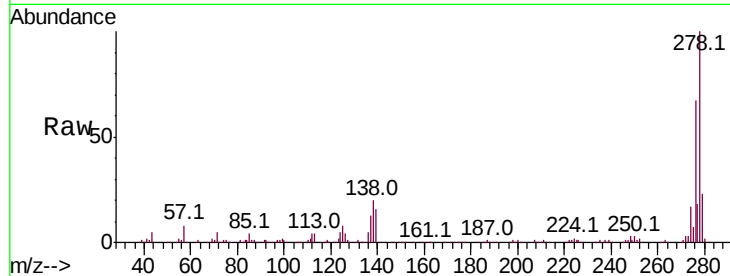
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 278   | Resp: | 429201 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 15.5  | 12.7  | 19.1   |
| 279       | 23.3  | 19.0  | 28.4   |

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#92

Benzo(g,h,i)perylene

Concen: 42.107 ng

RT: 17.79 min Scan# 2670

Delta R.T. 0.05 min

Lab File: BF110325.D

Acq: 31 Oct 2018 11:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 424325 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 22.8  | 18.8  | 28.2   |
| 138       | 20.3  | 16.0  | 24.0   |

