

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\  
 Data File : BF112714.D  
 Acq On : 27 Feb 2019 12:11  
 Operator : JU/SJ  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

Sohil  
 2/28/2019 12:46:51 PM

Quant Time: Feb 27 16:00:11 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 27 15:34:21 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.74  | 152  | 216199   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.02  | 136  | 874438   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.77  | 164  | 409461   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.24 | 188  | 792553   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.87 | 240  | 477767   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.27 | 264  | 459550   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.35  | 112 | 1318215 | 129.51 | ng | 0.00 |
| 7) Phenol-d6             | 6.37  | 99  | 1642095 | 116.10 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.30  | 82  | 1452616 | 95.72  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.56 | 330 | 415180  | 87.11  | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.10  | 172 | 2308246 | 79.73  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.83 | 244 | 2336618 | 92.11  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.43 | 88  | 345050  | 85.098 | ng | 100    |
| 3) Pyridine                    | 3.14 | 79  | 936701  | 90.817 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.07 | 42  | 412697  | 95.237 | ng | 99     |
| 6) Aniline                     | 6.40 | 93  | 1164650 | 69.222 | ng | 100    |
| 8) 2-Chlorophenol              | 6.53 | 128 | 741824  | 54.176 | ng | 98     |
| 9) Benzaldehyde                | 6.29 | 77  | 599957  | 81.157 | ng | 96     |
| 10) Phenol                     | 6.39 | 94  | 983233  | 63.364 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 6.48 | 93  | 750526  | 61.436 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.69 | 146 | 766948  | 48.095 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.76 | 146 | 758350  | 46.208 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.92 | 146 | 689265  | 44.857 | ng | 97     |
| 15) Benzyl Alcohol             | 6.89 | 79  | 643808  | 53.998 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.03 | 45  | 1270047 | 80.970 | ng | 99     |
| 17) 2-Methylphenol             | 7.00 | 107 | 611132  | 56.302 | ng | 98     |
| 18) Hexachloroethane           | 7.26 | 117 | 297812  | 51.676 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.17 | 70  | 532736  | 54.625 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.15 | 107 | 643951  | 46.393 | ng | 95     |
| 22) Acetophenone               | 7.16 | 105 | 957490  | 44.968 | ng | 98     |
| 24) Nitrobenzene               | 7.32 | 77  | 807274  | 53.263 | ng | 98     |
| 25) Isophorone                 | 7.57 | 82  | 1514133 | 63.598 | ng | 99     |
| 26) 2-Nitrophenol              | 7.64 | 139 | 364287  | 44.975 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 7.68 | 122 | 604759  | 54.192 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.78 | 93  | 934399  | 57.640 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.88 | 162 | 591871  | 47.394 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.97 | 180 | 626091  | 43.615 | ng | 99     |
| 31) Naphthalene                | 8.05 | 128 | 1982179 | 48.473 | ng | 99     |
| 32) Benzoic acid               | 7.81 | 122 | 471860m | 74.126 | ng |        |
| 33) 4-Chloroaniline            | 8.09 | 127 | 868821  | 48.795 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.17 | 225 | 354542  | 42.088 | ng | 99     |
| 35) Caprolactam                | 8.47 | 113 | 217556  | 49.382 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 8.57 | 107 | 647720  | 48.994 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.74 | 142 | 1302888 | 46.541 | ng | 100    |
| 38) 1-Methylnaphthalene        | 8.83 | 142 | 1265458 | 47.162 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.90 | 216 | 545730  | 40.593 | ng | 99     |

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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.90  | 237  | 313771   | 78.618 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.01  | 196  | 405421   | 48.922 | nq    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.05  | 196  | 429999   | 49.647 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 9.20  | 154  | 1594215  | 44.535 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.22  | 162  | 1214160  | 43.739 | nq    | 98       |
| 48) 2-Nitroaniline             | 9.31  | 65   | 415436   | 54.908 | nq    | 96       |
| 49) Acenaphthylene             | 9.63  | 152  | 2048552  | 50.350 | nq    | 99       |
| 50) Dimethylphthalate          | 9.50  | 163  | 1396165  | 43.887 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.56  | 165  | 325102   | 45.629 | nq    | 95       |
| 52) Acenaphthene               | 9.81  | 154  | 1190298  | 48.973 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.72  | 138  | 389133   | 50.413 | nq    | 90       |
| 54) 2,4-Dinitrophenol          | 9.82  | 184  | 118742   | 51.930 | nq #  | 84       |
| 55) Dibenzofuran               | 9.98  | 168  | 1720602  | 46.325 | nq    | 98       |
| 56) 4-Nitrophenol              | 9.87  | 139  | 327074   | 80.147 | nq    | 100      |
| 57) 2,4-Dinitrotoluene         | 9.96  | 165  | 418828   | 46.175 | nq    | 96       |
| 58) Fluorene                   | 10.32 | 166  | 1194917  | 42.991 | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.09 | 232  | 363941   | 55.604 | nq    | 100      |
| 60) Diethylphthalate           | 10.20 | 149  | 1500041  | 47.514 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.32 | 204  | 557991   | 36.906 | nq    | 96       |
| 62) 4-Nitroaniline             | 10.33 | 138  | 361226   | 47.711 | nq    | 96       |
| 63) Azobenzene                 | 10.47 | 77   | 1515151  | 54.569 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.36 | 198  | 161054   | 36.244 | nq    | 91       |
| 66) n-Nitrosodiphenylamine     | 10.43 | 169  | 1188884  | 44.509 | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.80 | 248  | 399942   | 42.905 | nq    | 98       |
| 68) Hexachlorobenzene          | 10.87 | 284  | 448933   | 44.889 | nq    | 93       |
| 69) Atrazine                   | 10.96 | 200  | 371994   | 43.160 | nq    | 99       |
| 70) Pentachlorophenol          | 11.05 | 266  | 278550   | 71.581 | nq    | 98       |
| 71) Phenanthrene               | 11.27 | 178  | 1867556  | 45.325 | nq    | 99       |
| 72) Anthracene                 | 11.33 | 178  | 1882342  | 45.861 | nq    | 100      |
| 73) Carbazole                  | 11.47 | 167  | 1843529  | 45.534 | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.82 | 149  | 2224283  | 44.261 | nq    | 99       |
| 75) Fluoranthene               | 12.46 | 202  | 2002900  | 45.321 | nq    | 98       |
| 77) Benzidine                  | 12.57 | 184  | 1270550  | 96.621 | nq    | 97       |
| 78) Pyrene                     | 12.68 | 202  | 2042169  | 61.738 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.31 | 149  | 936352   | 58.509 | nq    | 93       |
| 81) Benzo(a)anthracene         | 13.86 | 228  | 1652793  | 58.848 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.83 | 252  | 639811   | 60.871 | nq    | 99       |
| 83) Chrysene                   | 13.90 | 228  | 1598307  | 59.618 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.87 | 149  | 1073476  | 47.254 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.48 | 149  | 1844998  | 52.788 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.63 | 276  | 1302830  | 61.330 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 14.88 | 252  | 1458127  | 53.055 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 14.91 | 252  | 1290352  | 49.016 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.22 | 252  | 1273106  | 51.482 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.64 | 278  | 1065193  | 53.446 | nq    | 100      |
| 92) Benzo(g,h,i)perylene       | 17.04 | 276  | 1072697  | 57.048 | nq    | 98       |

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

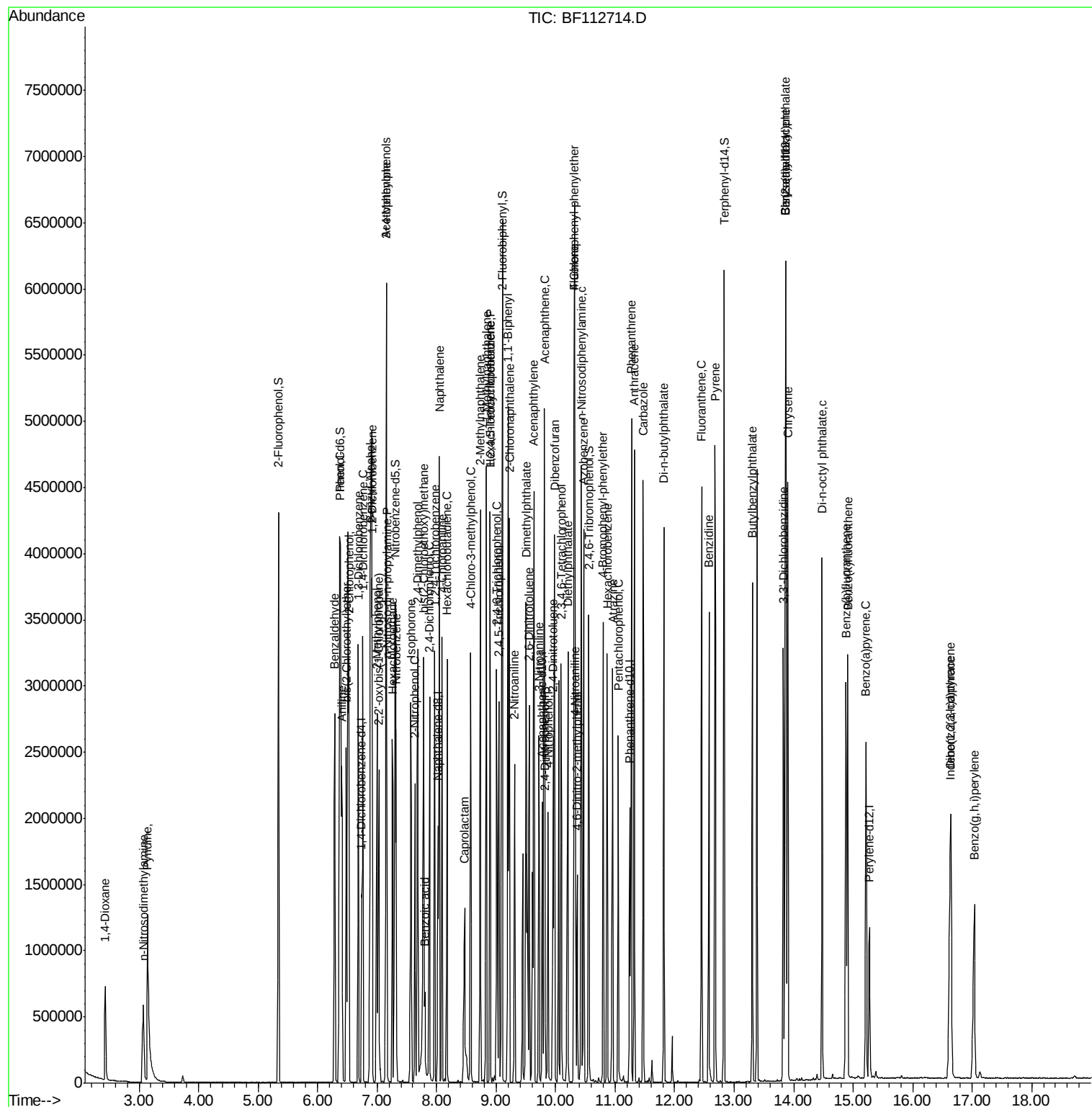
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\  
Data File : BF112714.D  
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Operator : JU/SJ  
Sample : SSTDICC050  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

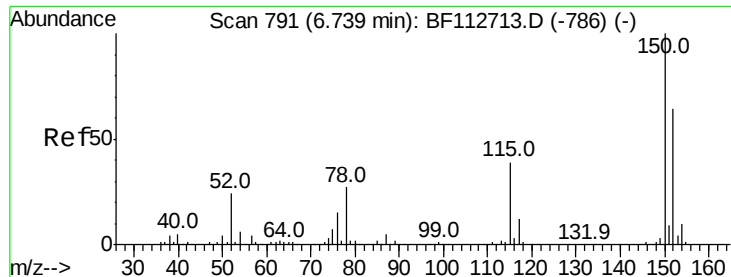
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

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#1

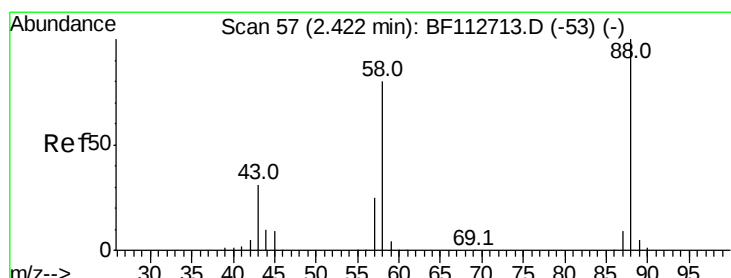
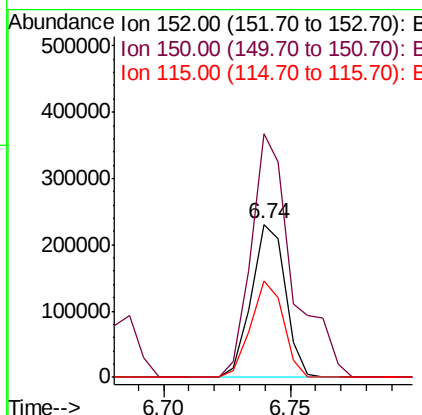
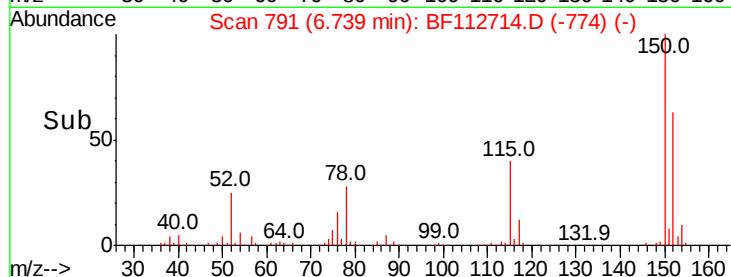
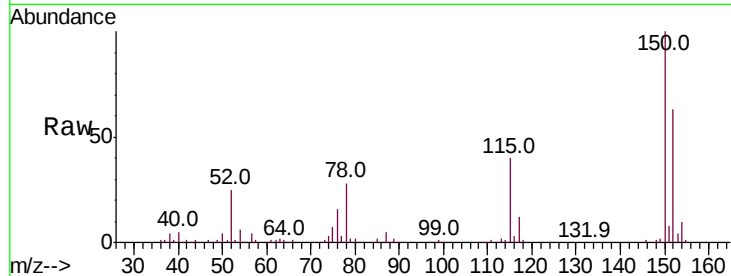
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.74 min Scan# 791  
Delta R.T. -0.00 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.0 | 124.2 | 186.2 |
| 115     | 63.1  | 48.2  | 72.4  |

Manual Integrations  
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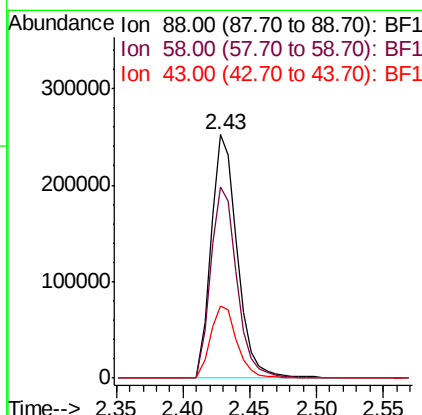
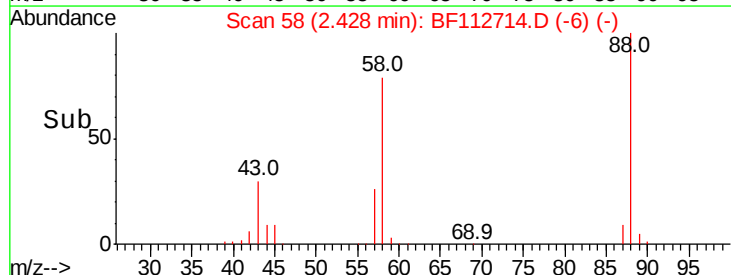
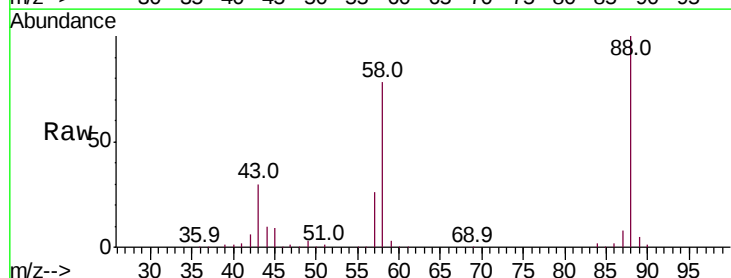
Sohil  
2/28/2019 12:46:51 PM

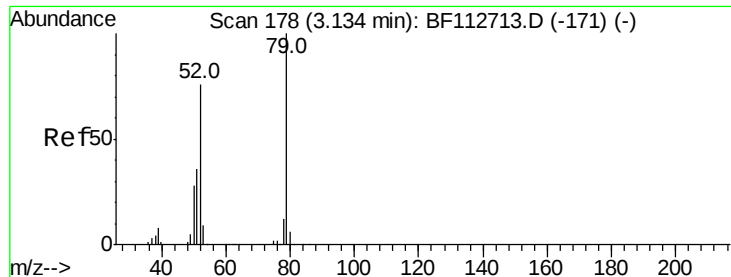


#2

1,4-Dioxane  
Concen: 85.098 ng  
RT: 2.43 min Scan# 58  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 79.2  | 63.1  | 94.7  |
| 43      | 30.0  | 24.3  | 36.5  |





#3

Pvridine

Concen: 90.817 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.01 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

Instrument :

BNA\_F

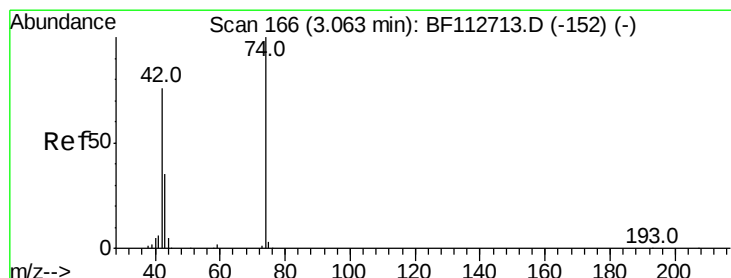
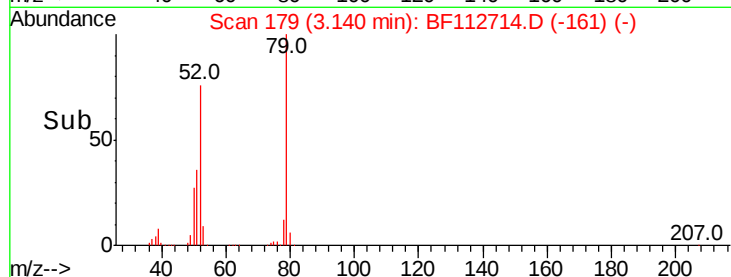
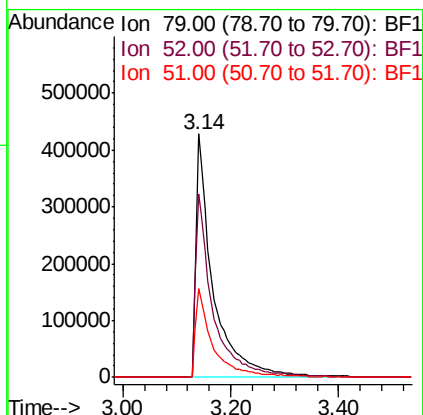
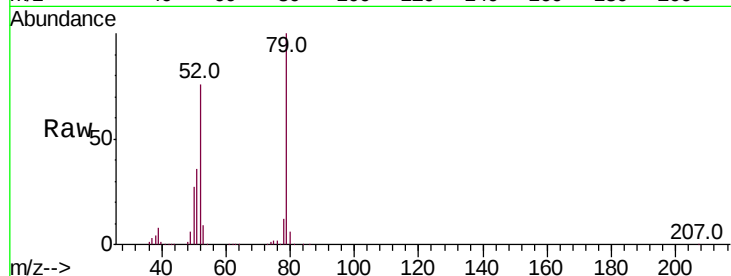
ClientSampleId :

SSTDICC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 936701 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 75.6  | 60.5  | 90.7   |
| 51        | 36.5  | 28.8  | 43.2   |

Manual Integrations  
APPROVED

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2/28/2019 12:46:51 PM



#4

n-Nitrosodimethylamine

Concen: 95.237 ng

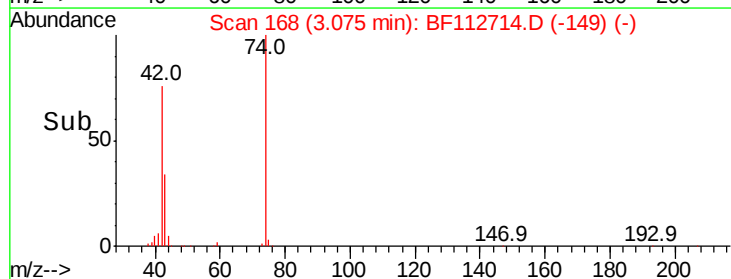
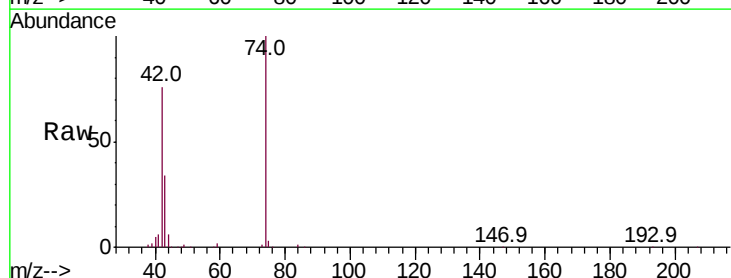
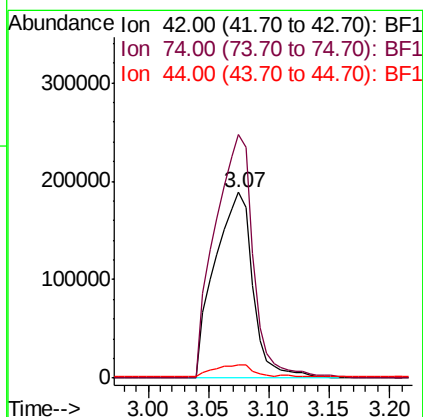
RT: 3.07 min Scan# 168

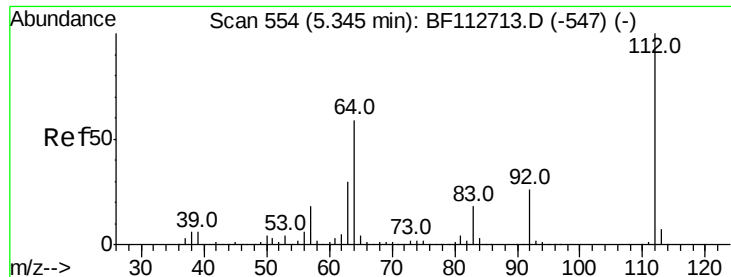
Delta R.T. 0.01 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 412697 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 131.0 | 105.8 | 158.8  |
| 44        | 7.3   | 6.2   | 9.2    |





#5

2-Fluorophenol

Concen: 129.509 ng

RT: 5.35 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:112 Resp: 1318215

Ion Ratio Lower Upper

112 100

64 64.3 47.6 71.4

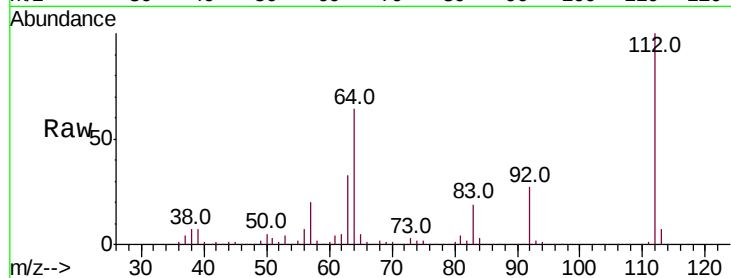
63 32.8 24.4 36.6

Manual Integrations

APPROVED

Sohil

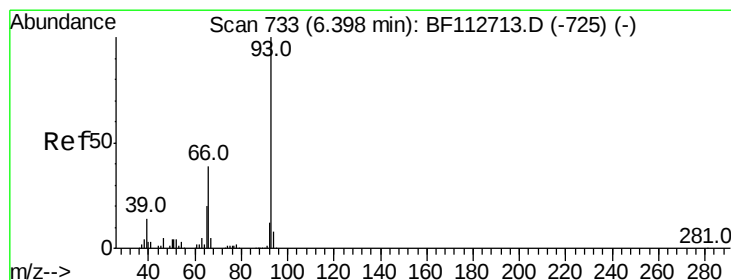
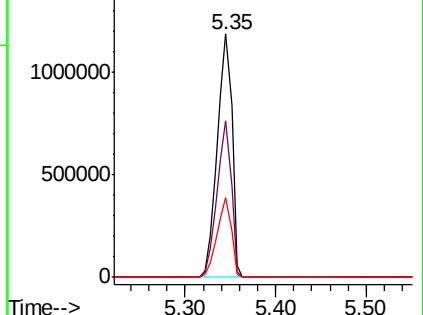
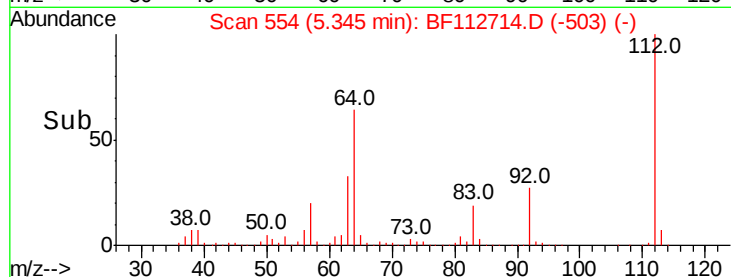
2/28/2019 12:46:51 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 69.222 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

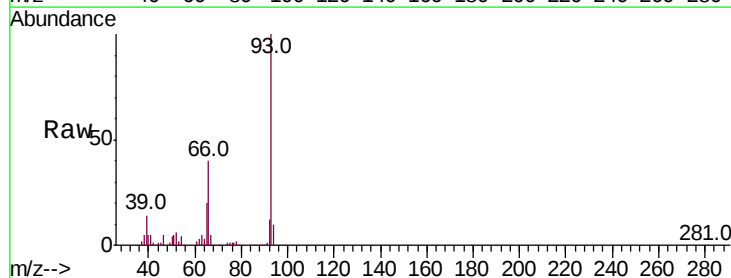
Tgt Ion: 93 Resp: 1164650

Ion Ratio Lower Upper

93 100

66 40.3 32.2 48.2

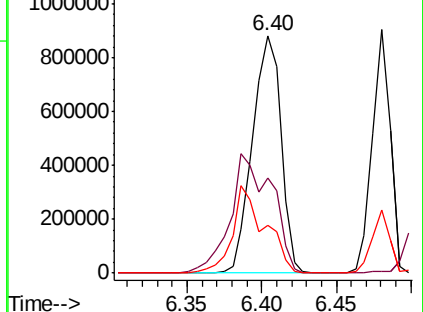
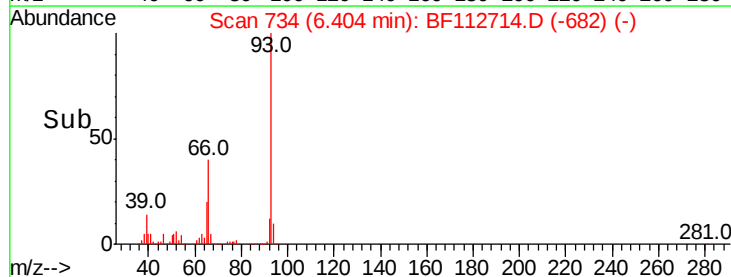
65 20.0 16.2 24.4

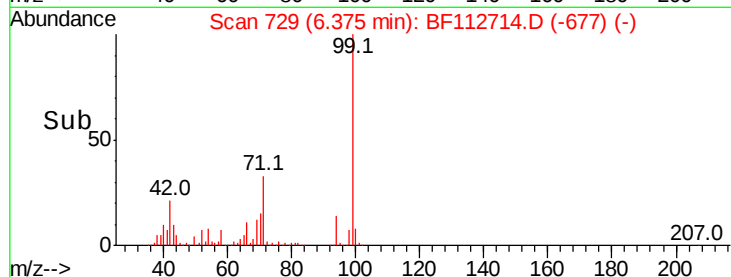
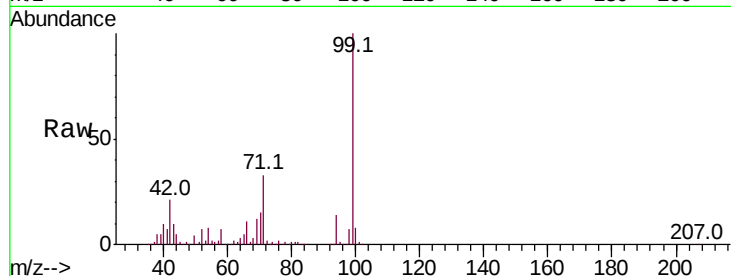
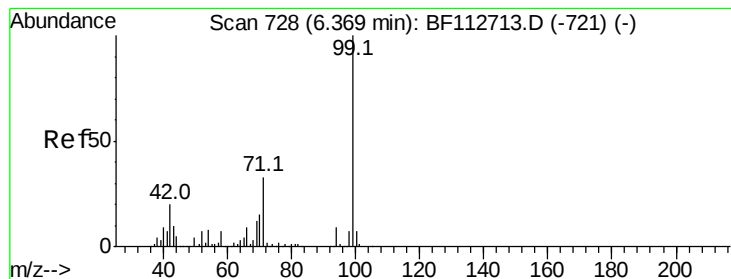


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.102 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

Tot Ion: 99 Resp: 1642095

Ion Ratio Lower Upper

99 100

42 20.8 16.3 24.5

71 33.2 26.2 39.4

Instrument :

BNA\_F

ClientSampleId :

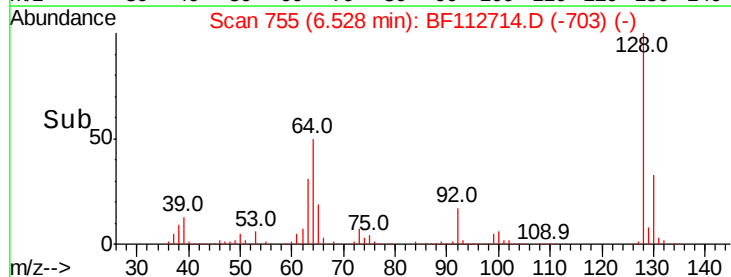
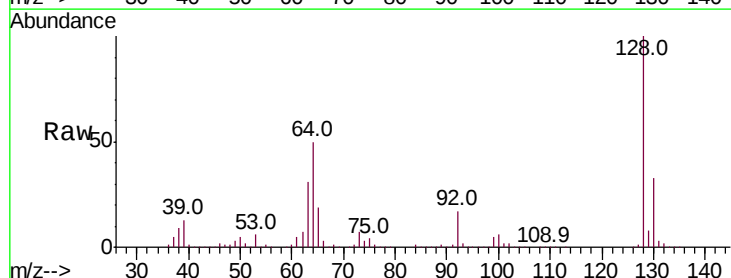
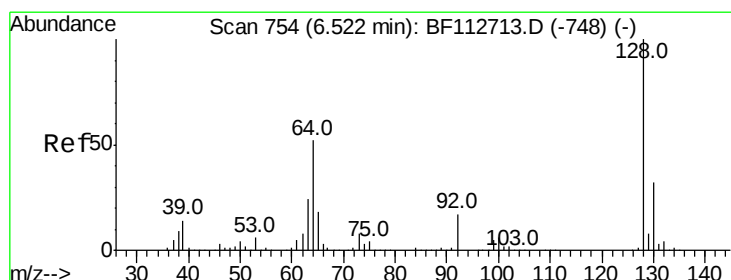
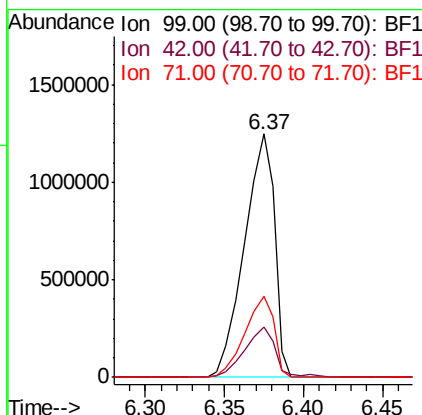
SSTDICC050

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#8

2-Chlorophenol

Concen: 54.176 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

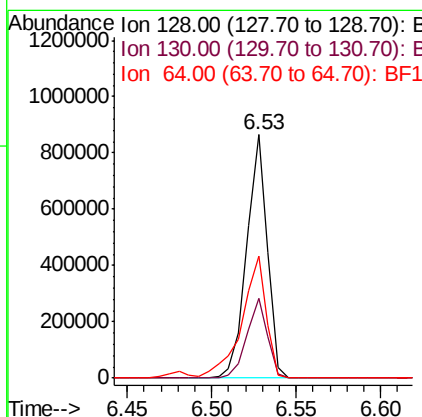
Tgt Ion:128 Resp: 741824

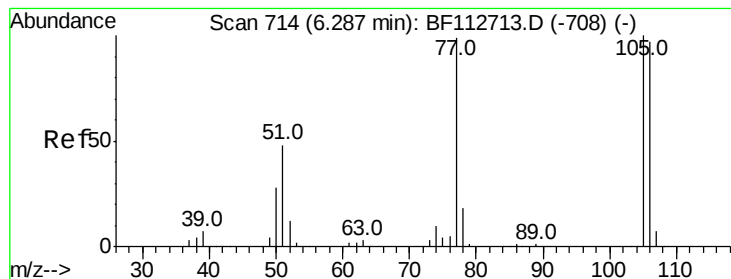
Ion Ratio Lower Upper

128 100

130 32.7 12.4 52.4

64 50.2 32.2 72.2





#9

Benzaldehyde

Concen: 81.157 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

Instrument :

BNA\_F

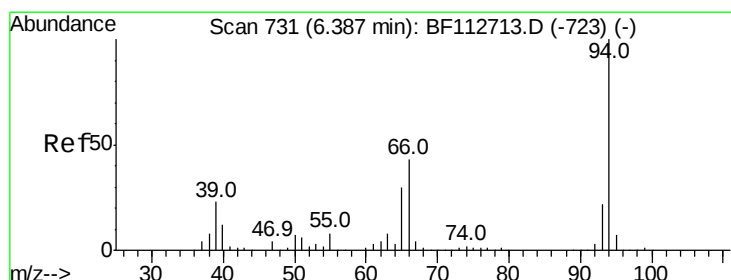
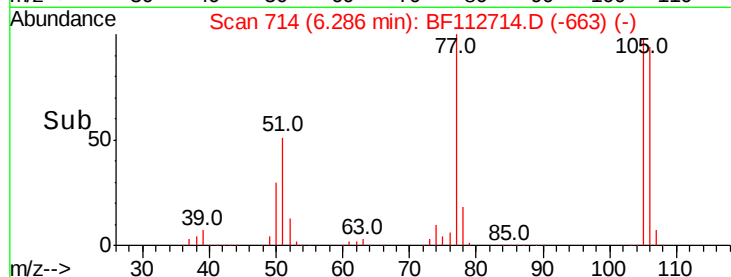
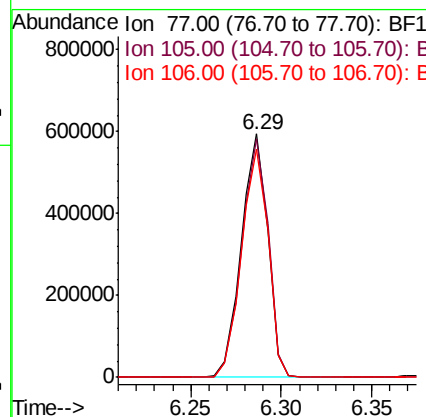
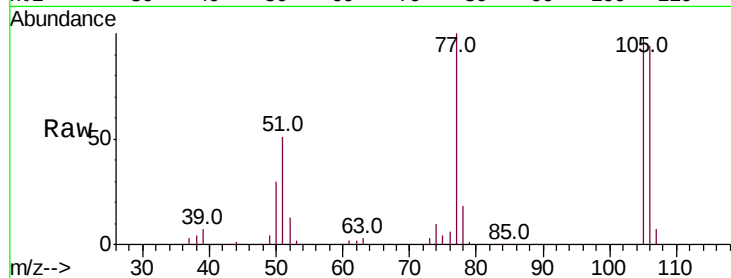
ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 599957 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 97.7  | 81.4  | 121.4  |
| 106       | 94.0  | 78.3  | 118.3  |

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#10

Phenol

Concen: 63.364 ng

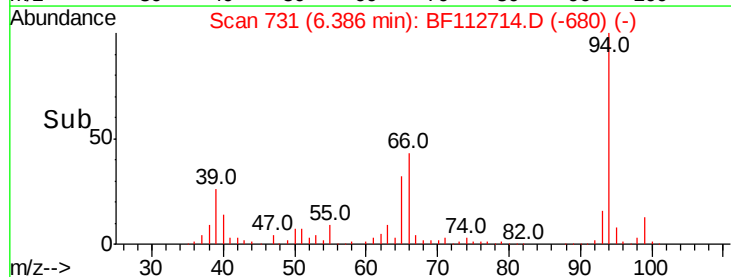
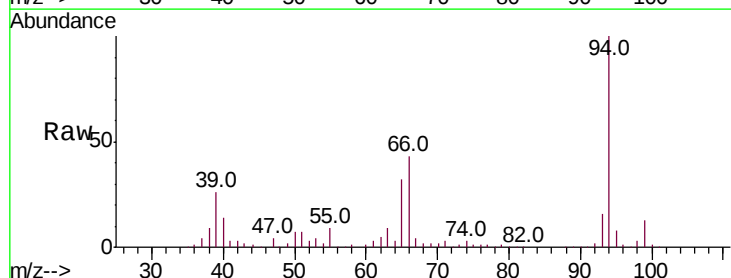
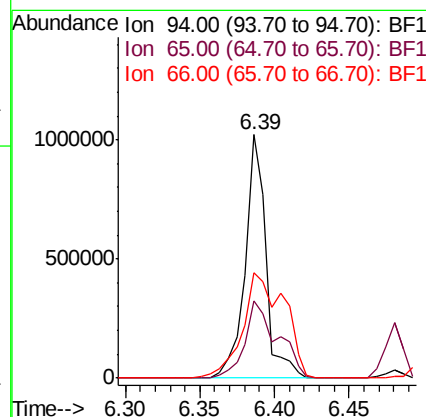
RT: 6.39 min Scan# 731

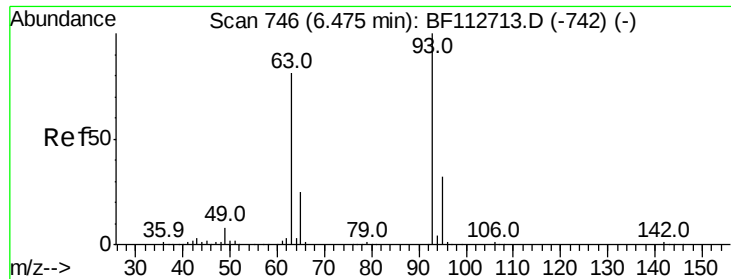
Delta R.T. -0.00 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 983233 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 31.8  | 10.5  | 50.5   |
| 66        | 43.5  | 22.6  | 62.6   |





#11

bis(2-Chloroethyl)ether

Concen: 61.436 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

Instrument :

BNA\_F

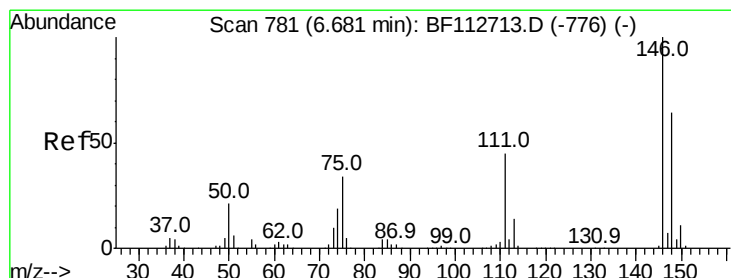
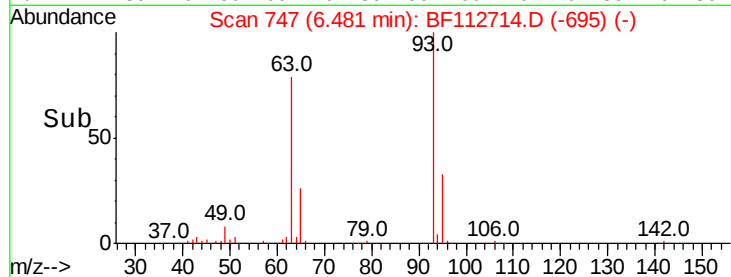
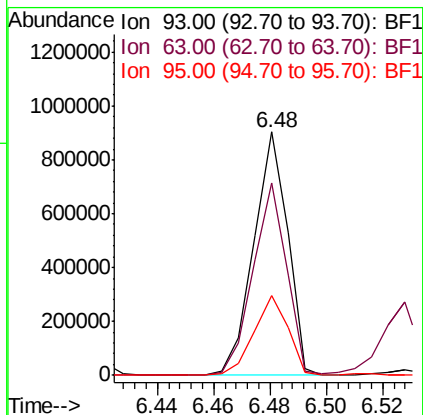
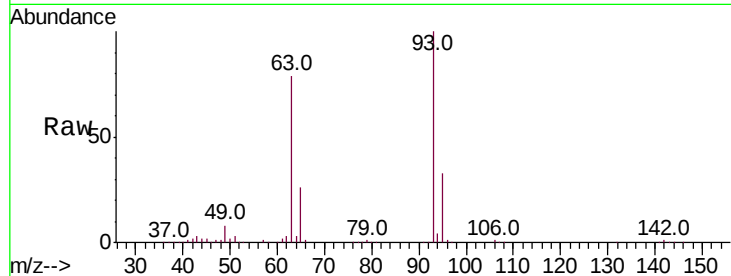
ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 750526 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 79.0  | 60.5  | 100.5  |
| 95        | 32.6  | 12.1  | 52.1   |

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#12

1,3-Dichlorobenzene

Concen: 48.095 ng

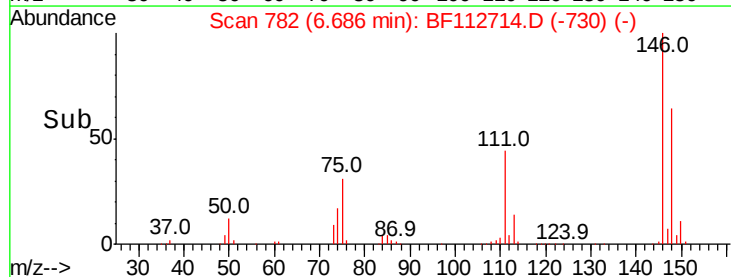
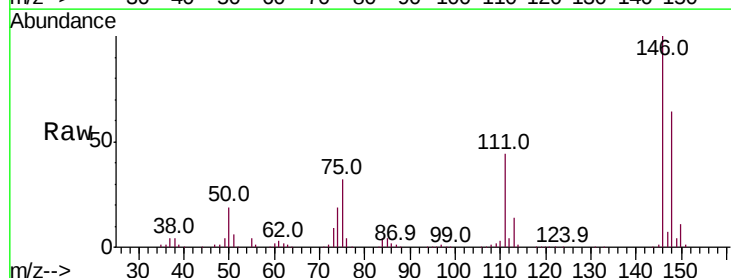
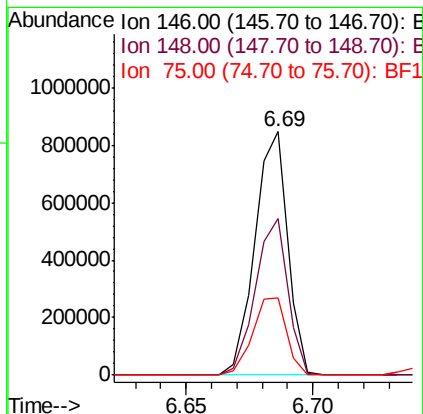
RT: 6.69 min Scan# 782

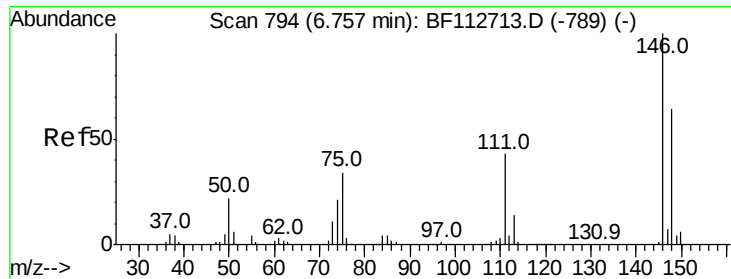
Delta R.T. 0.01 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 766948 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.4  | 50.9  | 76.3   |
| 75        | 31.7  | 26.9  | 40.3   |





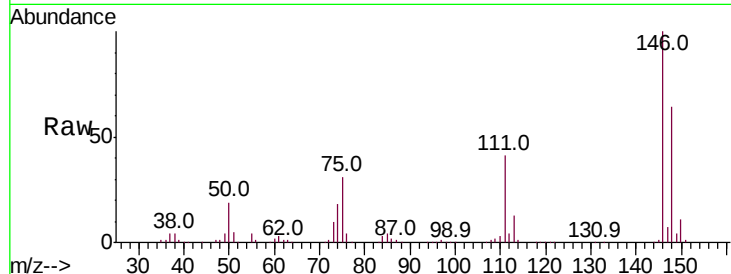
#13  
 1,4-Dichlorobenzene  
 Concen: 46.208 ng  
 RT: 6.76 min Scan# 795  
 Delta R.T. 0.01 min  
 Lab File: BF112714.D  
 Acq: 27 Feb 2019 12:11

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.1  | 51.0  | 76.4  |
| 111     | 41.3  | 34.5  | 51.7  |

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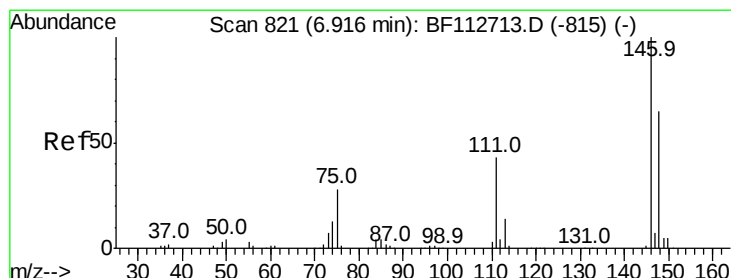
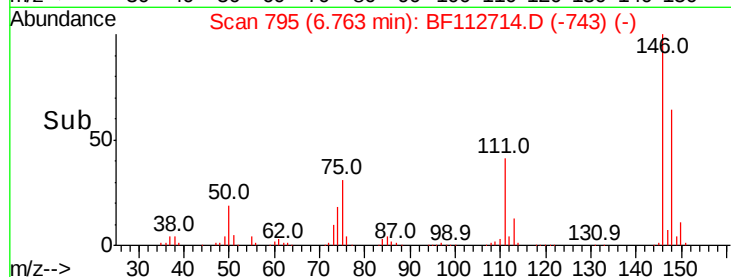
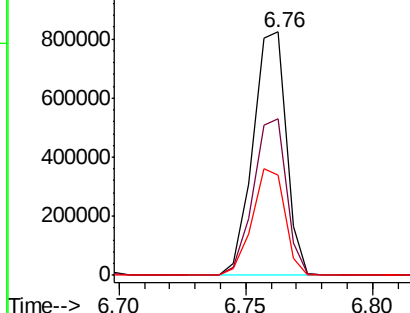


Abundance

Ion 146.00 (145.70 to 146.70): E

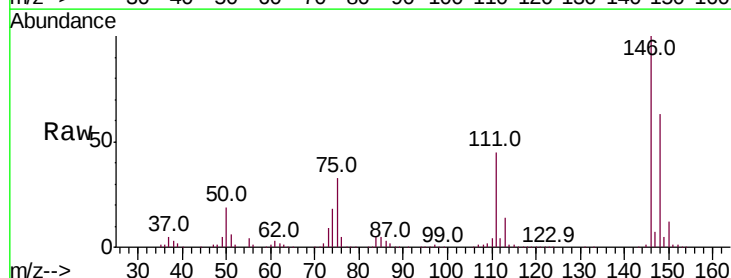
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 44.857 ng  
 RT: 6.92 min Scan# 821  
 Delta R.T. -0.00 min  
 Lab File: BF112714.D  
 Acq: 27 Feb 2019 12:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.8  | 52.0  | 78.0  |
| 111     | 45.3  | 34.8  | 52.2  |

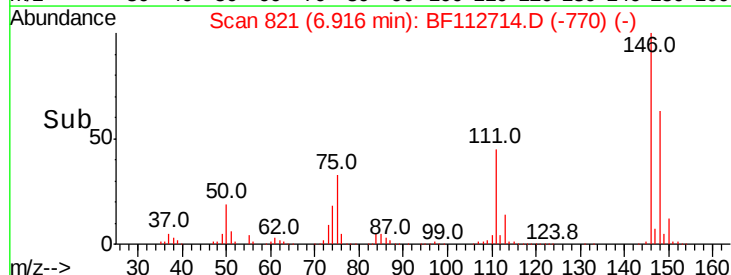
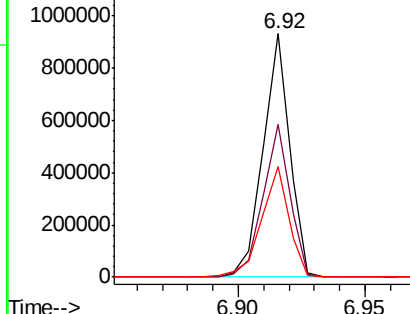


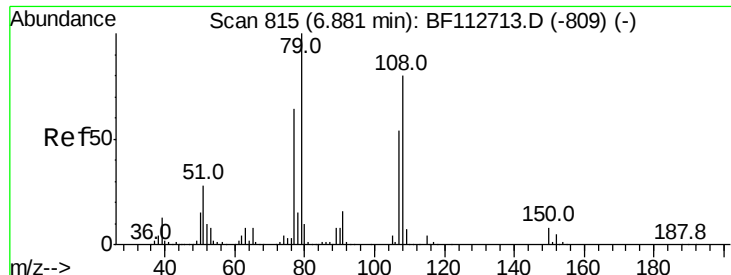
Abundance

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: 53.998 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

Instrument :

BNA\_F

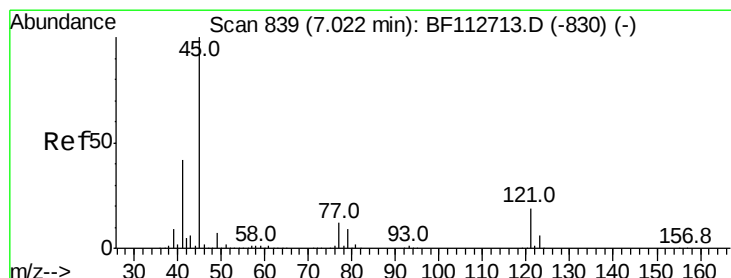
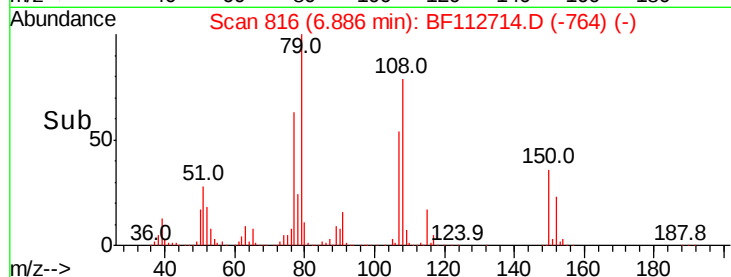
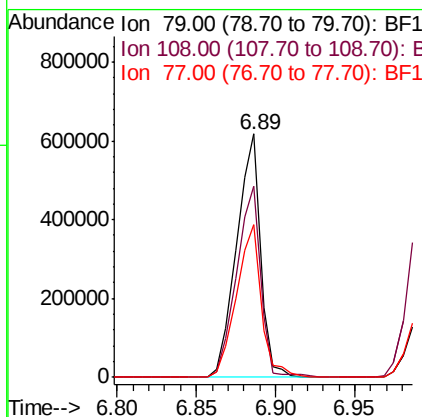
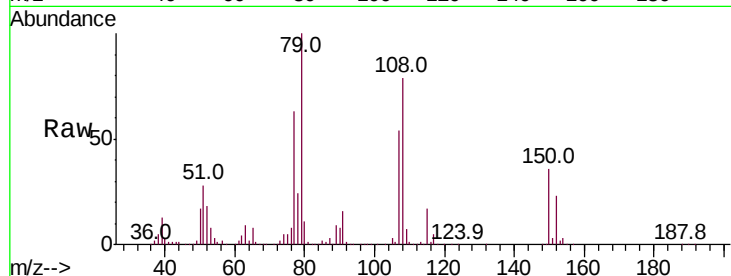
ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 643808 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 78.7  | 64.2  | 96.4   |
| 77        | 62.9  | 51.1  | 76.7   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 80.970 ng

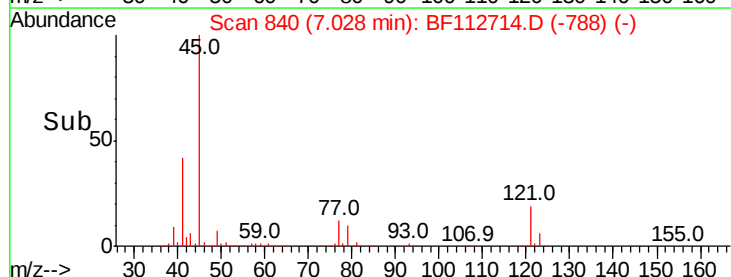
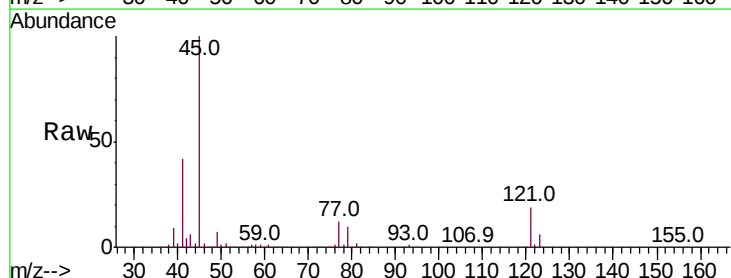
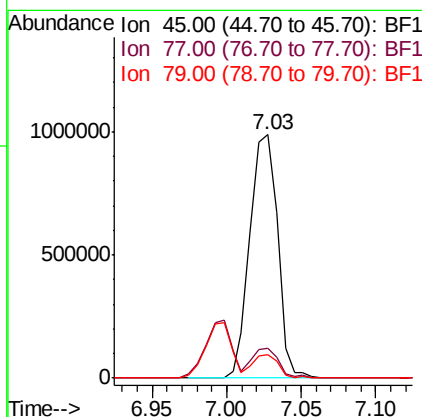
RT: 7.03 min Scan# 840

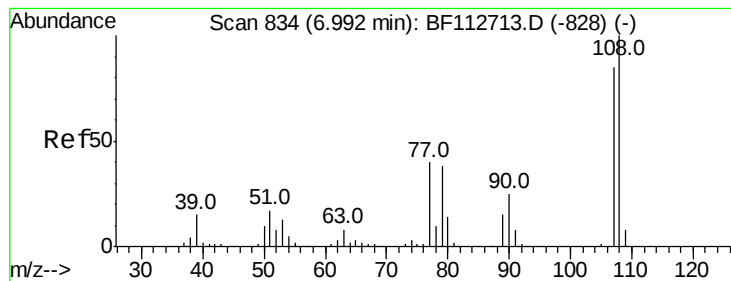
Delta R.T. 0.01 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 45    | Resp: | 1270047 |
| Ion Ratio | Lower | Upper |         |
| 45        | 100   |       |         |
| 77        | 12.4  | 0.0   | 32.1    |
| 79        | 9.7   | 0.0   | 29.4    |





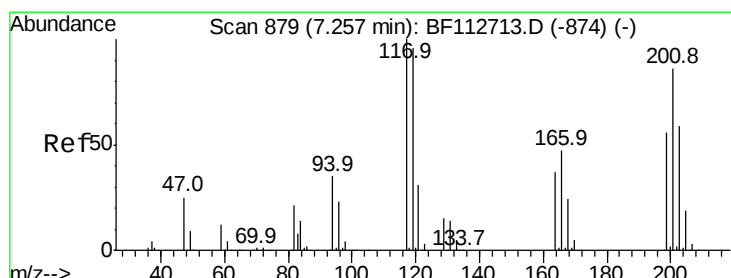
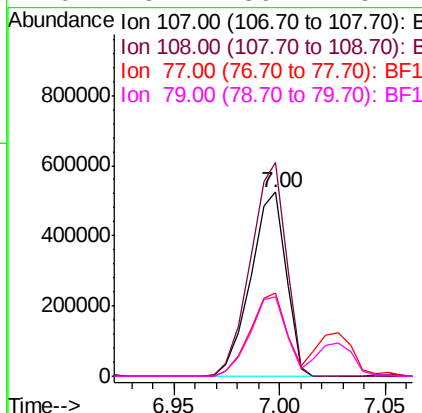
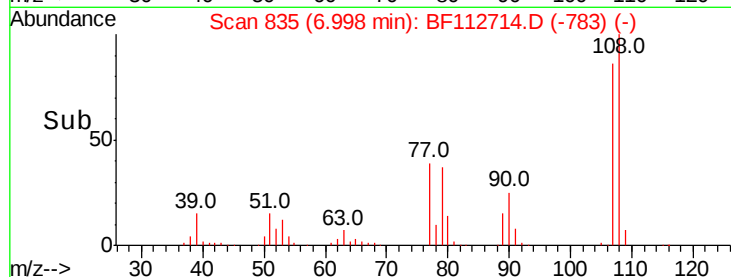
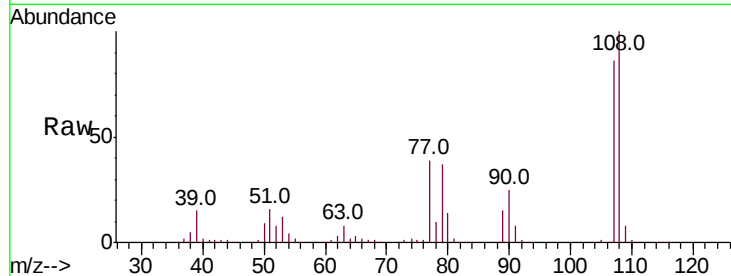
#17  
2-Methylphenol  
Concen: 56.302 ng  
RT: 7.00 min Scan# 835  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 611132 |       |       |
| 108     | 116.3 | 94.6   | 142.0 |       |
| 77      | 45.4  | 37.8   | 56.8  |       |
| 79      | 43.4  | 36.2   | 54.2  |       |

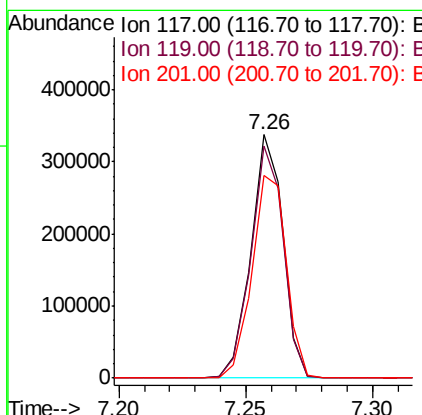
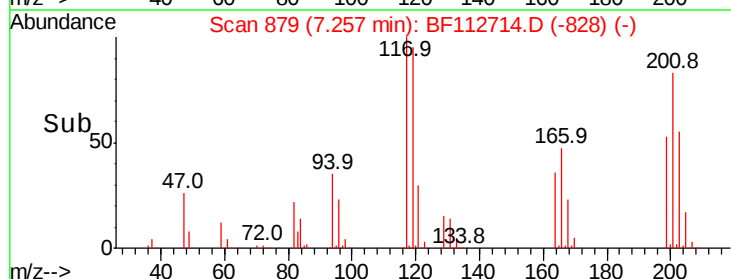
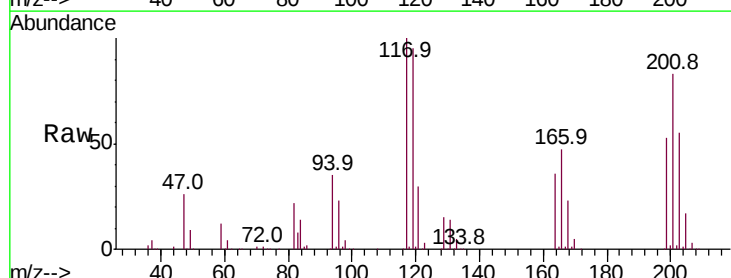
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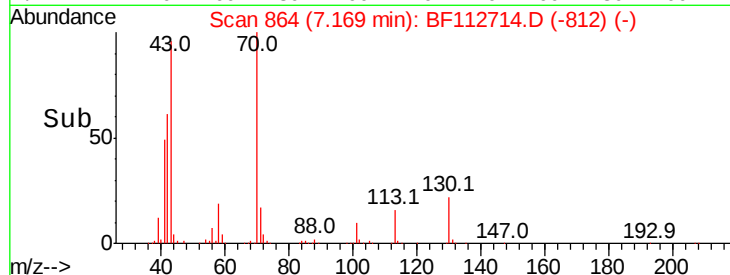
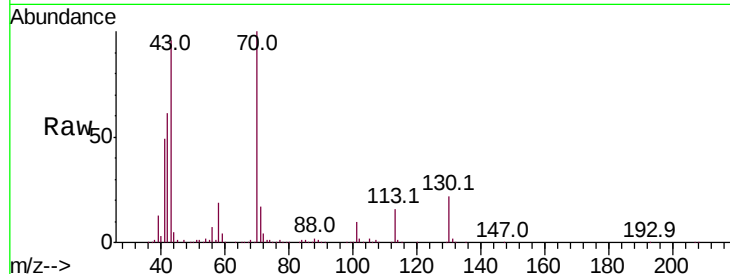
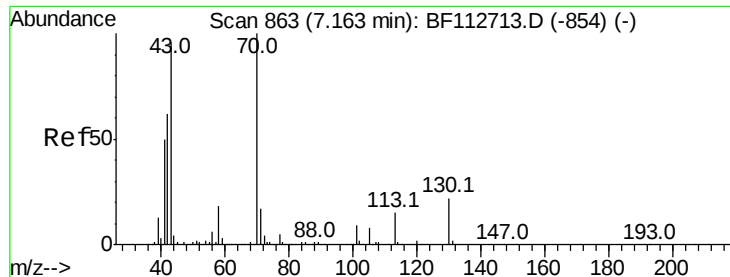
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#18  
Hexachloroethane  
Concen: 51.676 ng  
RT: 7.26 min Scan# 879  
Delta R.T. -0.00 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 297812 |       |       |
| 119     | 95.1  | 76.6   | 115.0 |       |
| 201     | 83.4  | 68.9   | 103.3 |       |





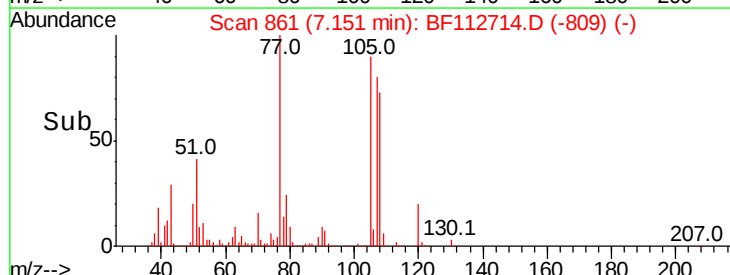
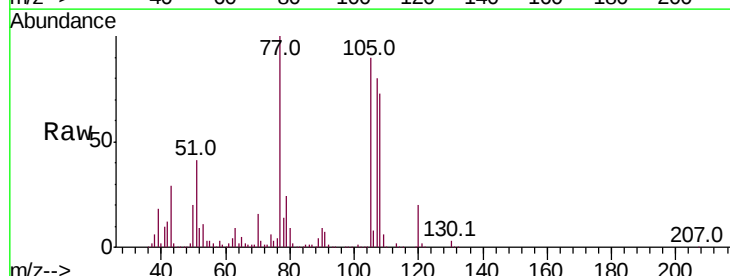
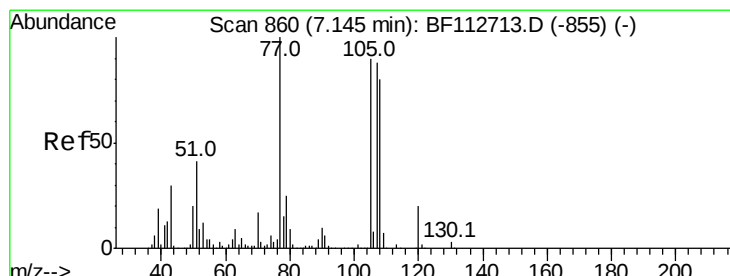
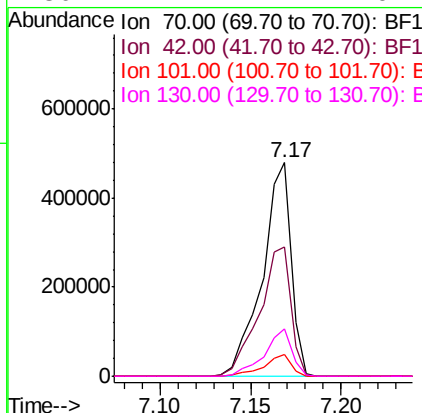
#19  
n-Nitroso-di-n-propylamine  
Concen: 54.625 ng  
RT: 7.17 min Scan# 864  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 60.7 | 49.9  | 74.9  |       |
| 101     | 10.0 | 7.4   | 11.2  |       |
| 130     | 22.4 | 17.4  | 26.2  |       |

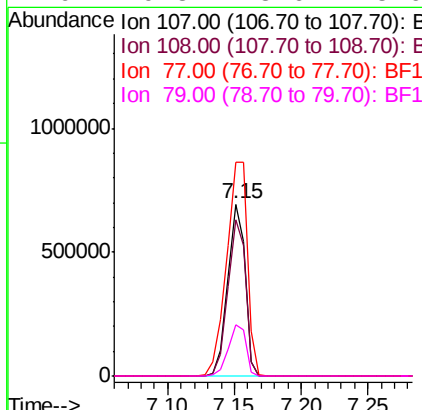
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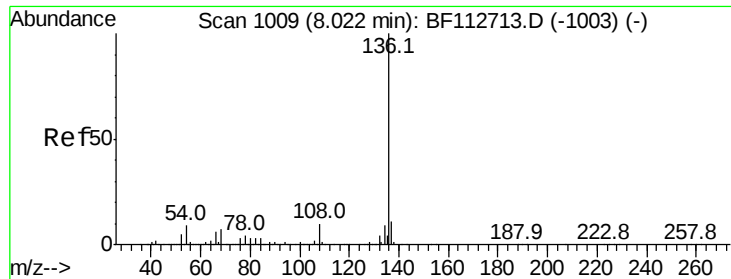
Sohil  
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#20  
3+4-Methylphenols  
Concen: 46.393 ng  
RT: 7.15 min Scan# 861  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   |       |       |       |
| 108     | 91.2  | 71.4  | 111.4 |       |
| 77      | 124.5 | 94.1  | 134.1 |       |
| 79      | 29.8  | 8.6   | 48.6  |       |





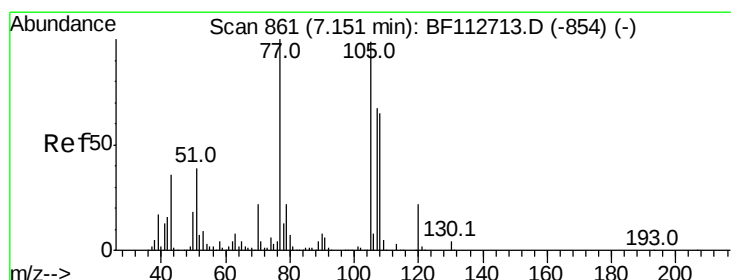
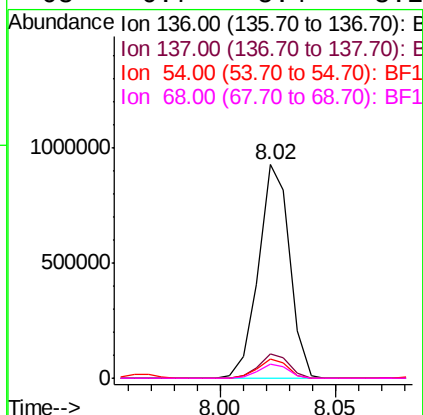
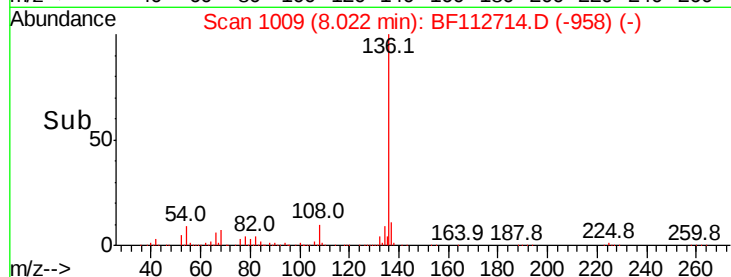
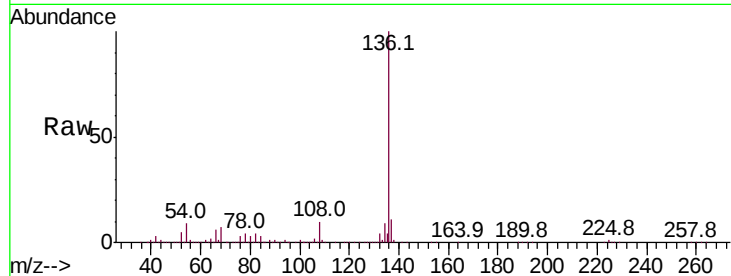
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.02 min Scan# 1009  
Delta R.T. -0.00 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 874438 |       |       |
| 137     | 11.2  |        | 8.9   | 13.3  |
| 54      | 9.1   |        | 7.3   | 10.9  |
| 68      | 6.7   |        | 5.4   | 8.2   |

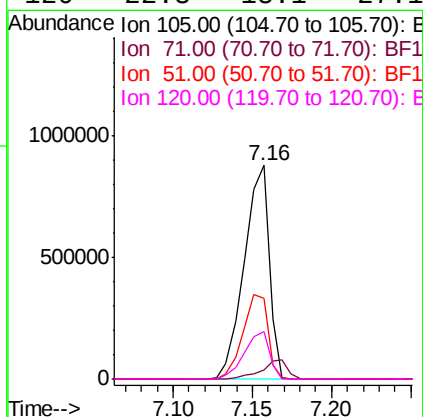
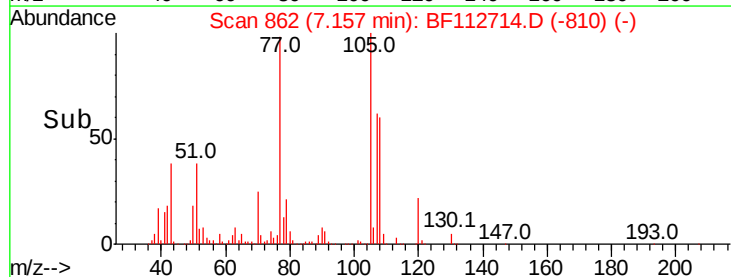
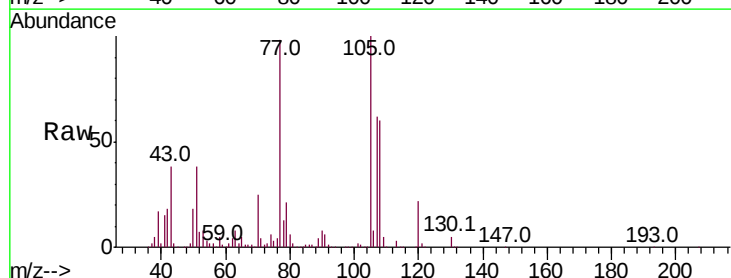
Manual Integrations  
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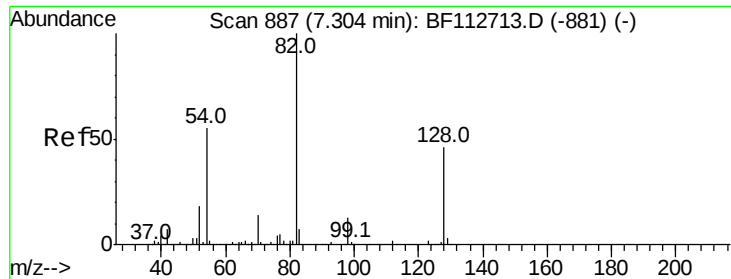
Sohil  
2/28/2019 12:46:51 PM



#22  
Acetophenone  
Concen: 44.968 ng  
RT: 7.16 min Scan# 862  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 957490 |       |       |
| 71      | 4.3   |        | 3.0   | 4.4   |
| 51      | 37.8  |        | 31.5  | 47.3  |
| 120     | 22.3  |        | 18.1  | 27.1  |





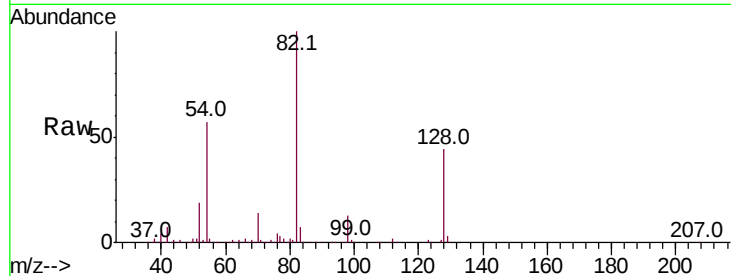
#23  
Nitrobenzene-d5  
Concen: 95.718 ng  
RT: 7.30 min Scan# 887  
Delta R.T. -0.00 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

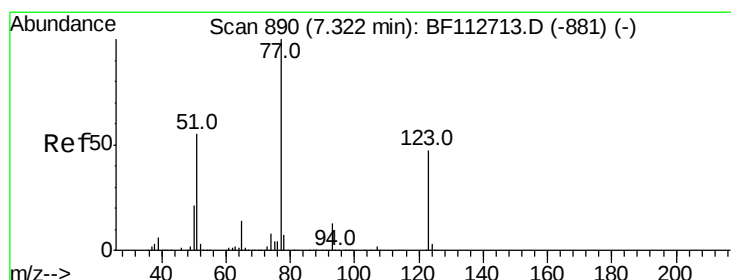
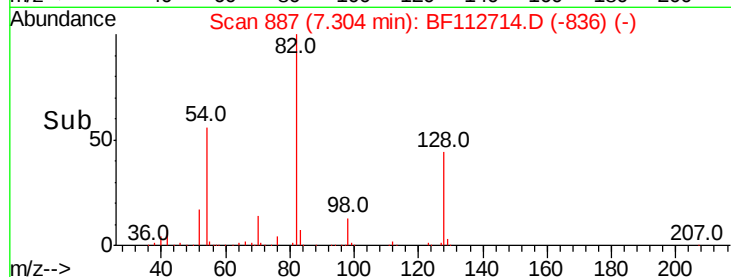
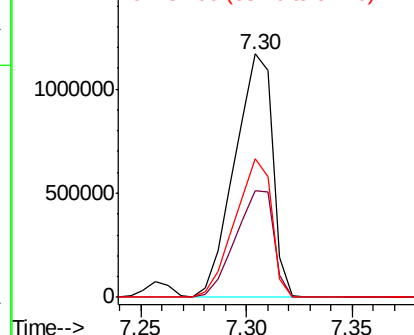
Tot Ion: 82 Resp: 1452616  
Ion Ratio Lower Upper  
82 100  
128 44.0 36.3 54.5  
54 56.7 43.7 65.5

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2/28/2019 12:46:51 PM

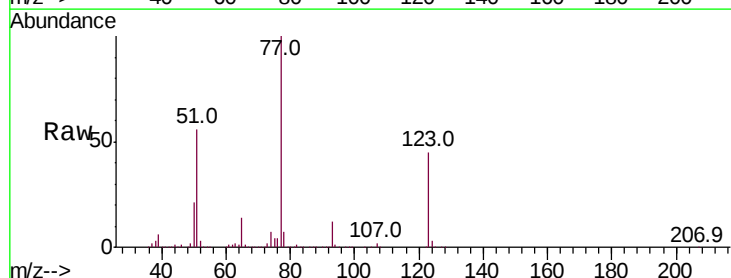


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

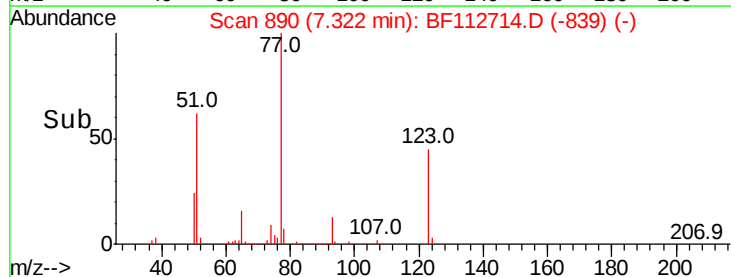
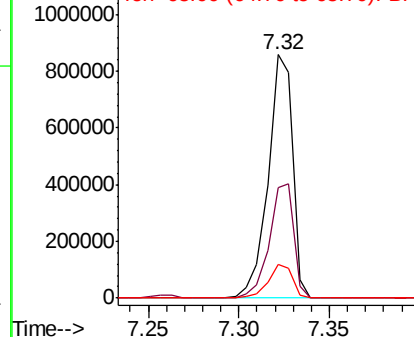


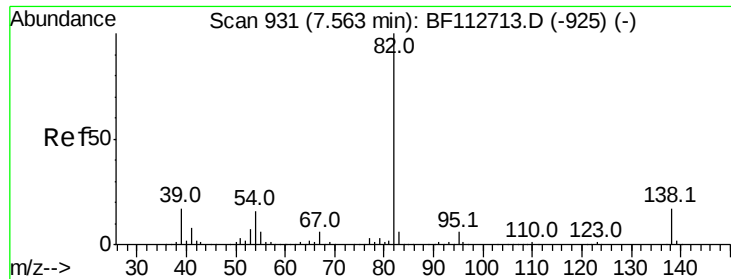
#24  
Nitrobenzene  
Concen: 53.263 ng  
RT: 7.32 min Scan# 890  
Delta R.T. -0.00 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Tgt Ion: 77 Resp: 807274  
Ion Ratio Lower Upper  
77 100  
123 45.5 37.8 56.6  
65 14.0 11.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 123.00 (122.70 to 123.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 63.598 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.01 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion: 82 Resp: 1514133

Ion Ratio Lower Upper

82 100

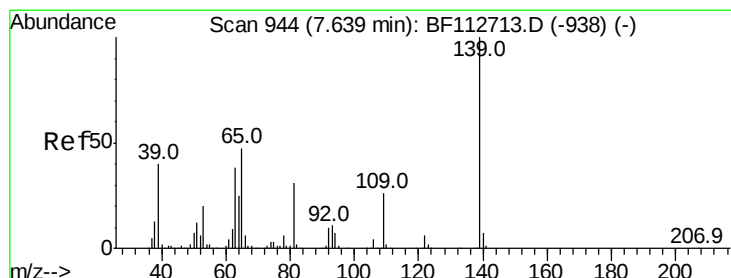
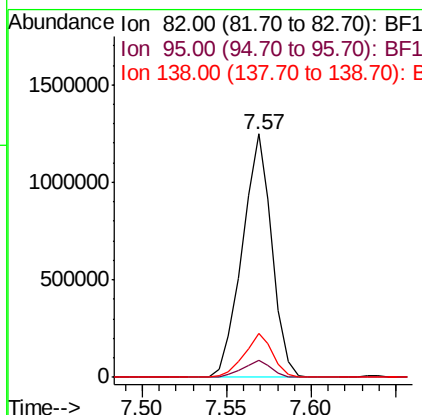
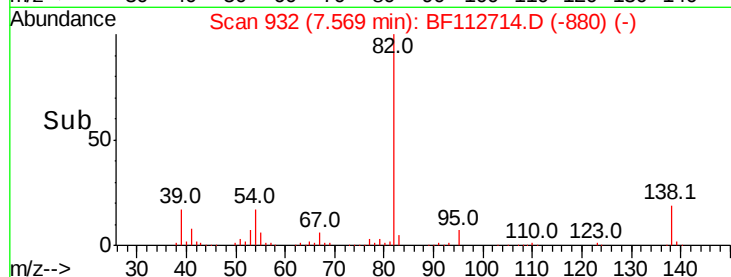
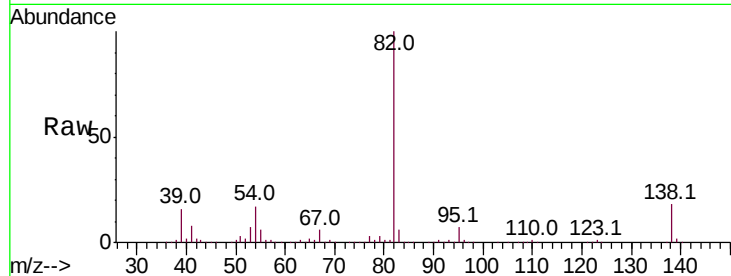
95 6.9 5.2 7.8

138 17.9 13.8 20.8

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2/28/2019 12:46:51 PM



#26

2-Nitrophenol

Concen: 44.975 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

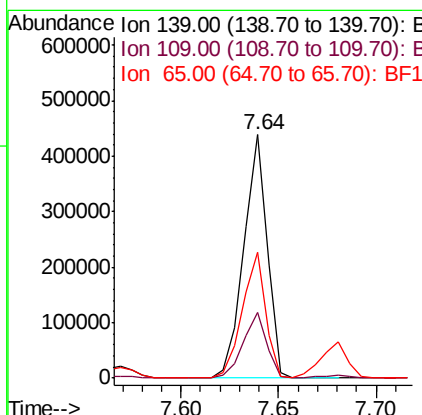
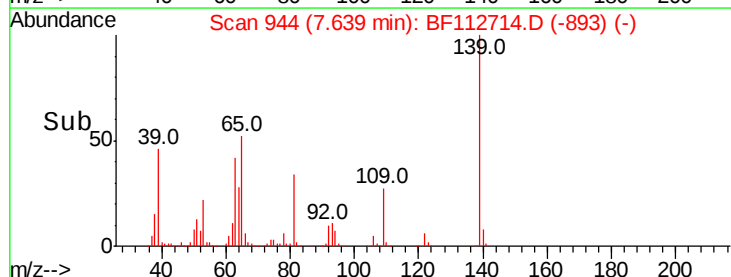
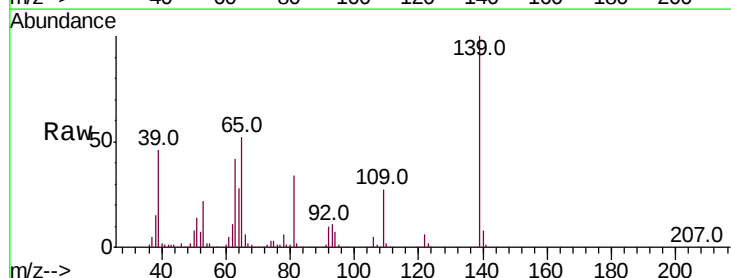
Tgt Ion: 139 Resp: 364287

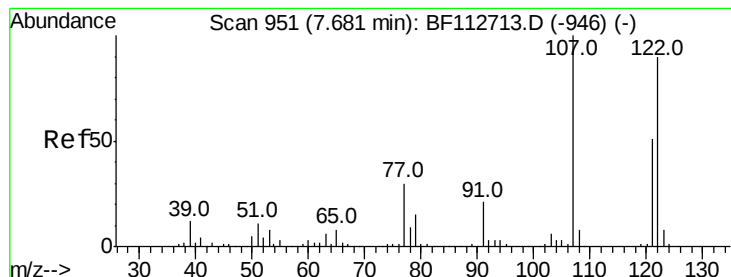
Ion Ratio Lower Upper

139 100

109 27.1 20.6 31.0

65 51.9 37.9 56.9





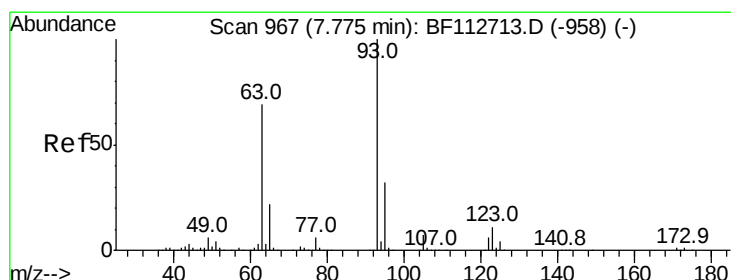
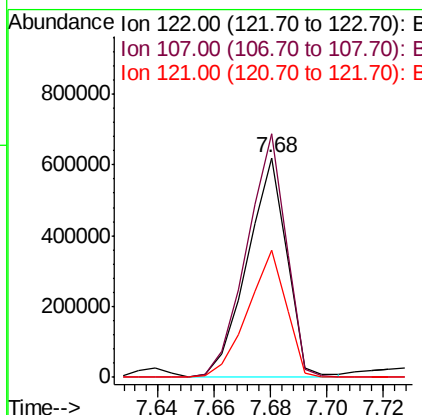
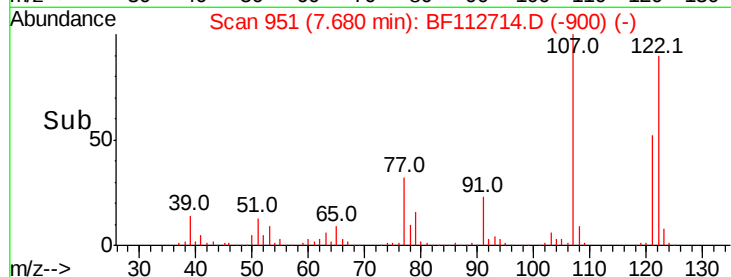
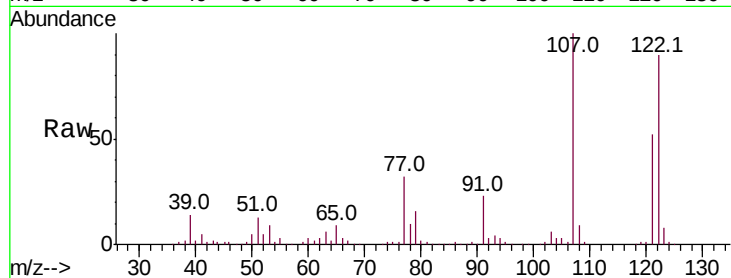
#27  
 2,4-Dimethylphenol  
 Concen: 54.192 ng  
 RT: 7.68 min Scan# 951  
 Delta R.T. -0.00 min  
 Lab File: BF112714.D  
 Acq: 27 Feb 2019 12:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 604759 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 110.8 | 89.4  | 134.0  |
| 121       | 57.6  | 45.5  | 68.3   |

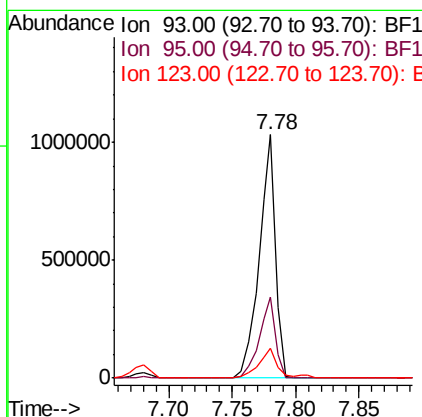
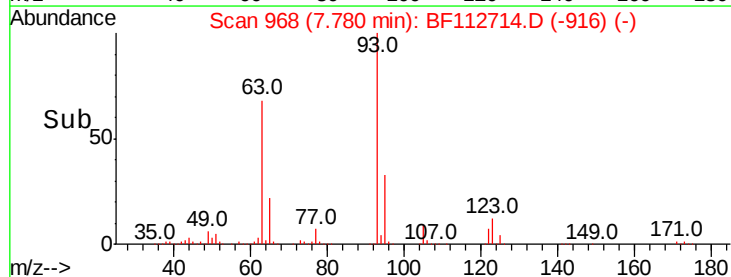
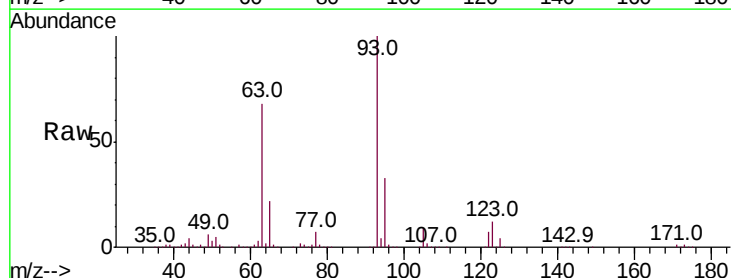
Manual Integrations  
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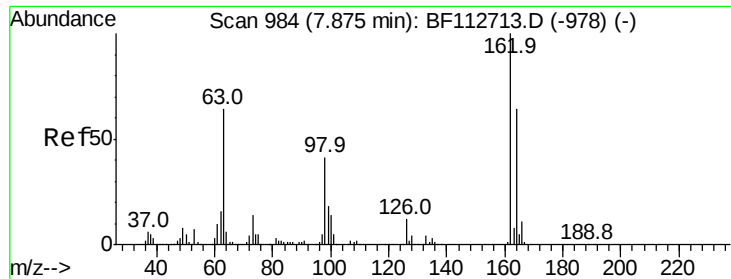
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 57.640 ng  
 RT: 7.78 min Scan# 968  
 Delta R.T. 0.01 min  
 Lab File: BF112714.D  
 Acq: 27 Feb 2019 12:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 934399 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 33.2  | 26.0  | 39.0   |
| 123       | 12.3  | 9.3   | 13.9   |





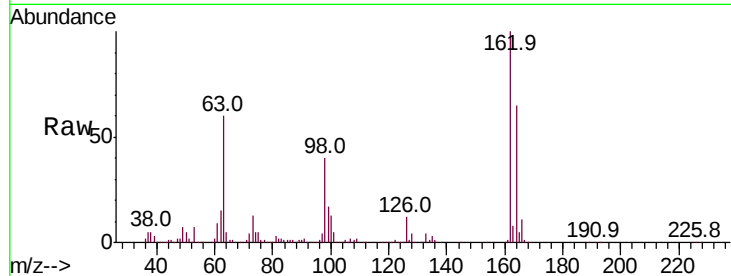
#29  
2,4-Dichlorophenol  
Concen: 47.394 ng  
RT: 7.88 min Scan# 985  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 64.5  | 44.0       | 84.0  |
| 98      | 39.8  | 20.7       | 60.7  |

Manual Integrations  
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2/28/2019 12:46:51 PM

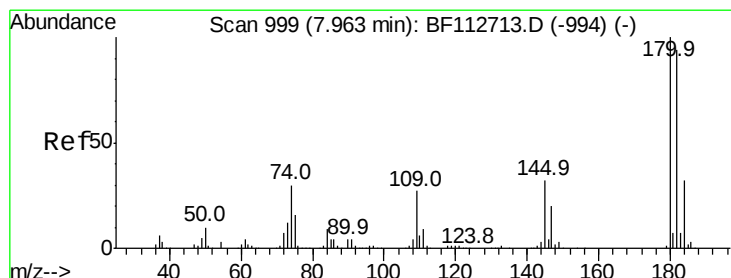
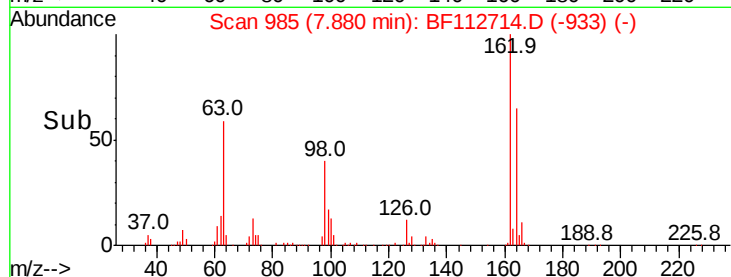
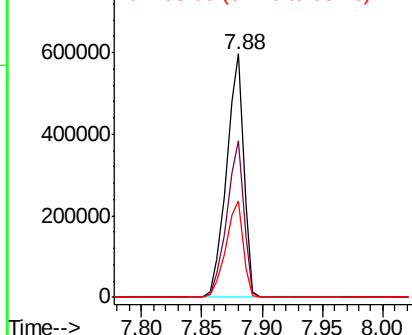


Abundance

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: 43.615 ng  
RT: 7.97 min Scan# 1000  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

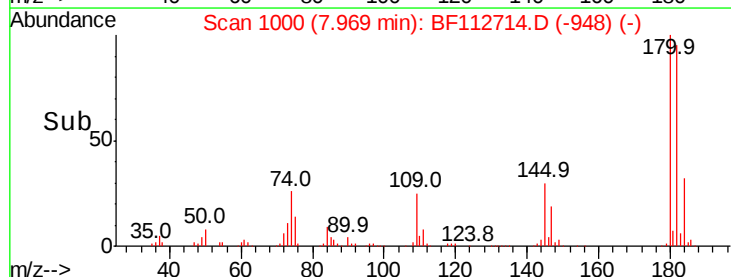
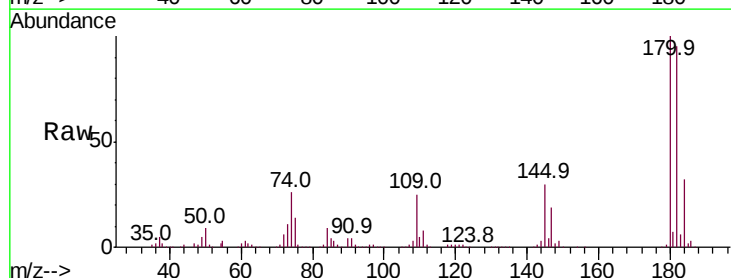
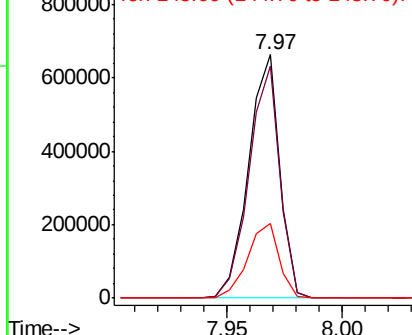
| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 95.1  | 75.2       | 112.8 |
| 145     | 30.5  | 25.4       | 38.0  |

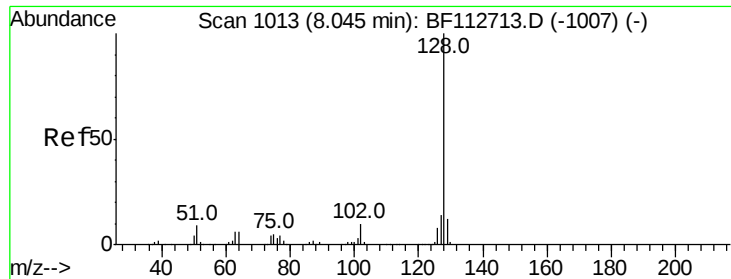
Abundance

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





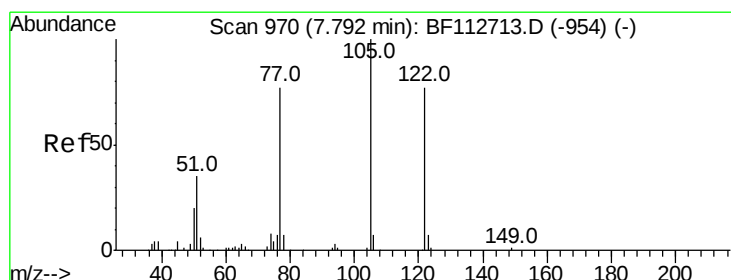
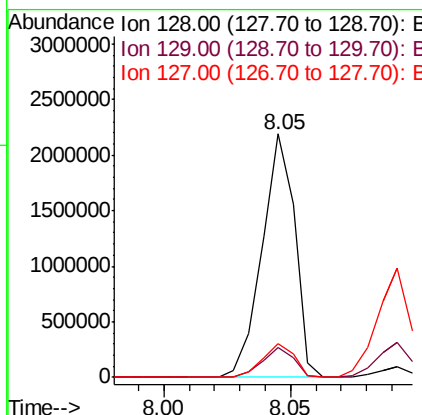
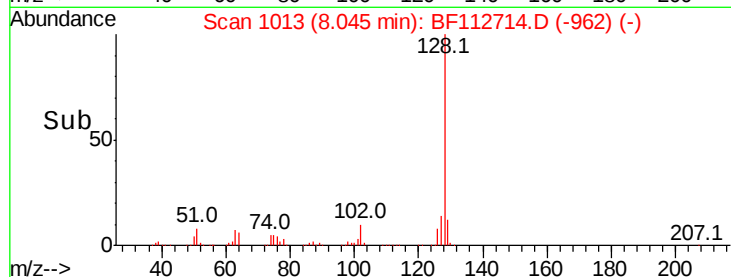
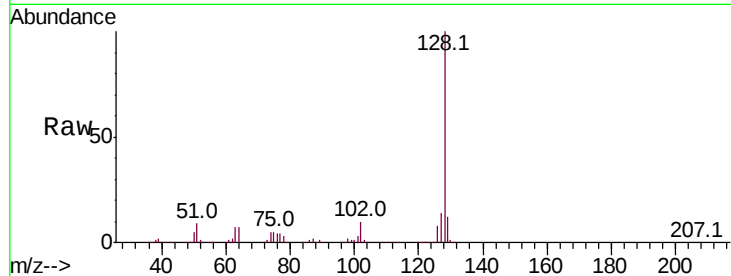
#31  
Naphthalene  
Concen: 48.473 ng  
RT: 8.05 min Scan# 1013  
Delta R.T. -0.00 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tot Ion: | 128   | Resp: | 1982179 |
|----------|-------|-------|---------|
| Ion      | Ratio | Lower | Upper   |
| 128      | 100   |       |         |
| 129      | 12.1  | 9.3   | 13.9    |
| 127      | 13.9  | 10.9  | 16.3    |

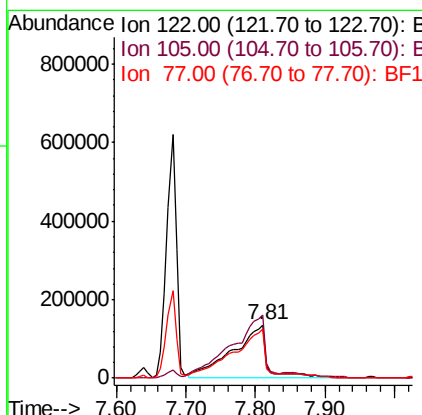
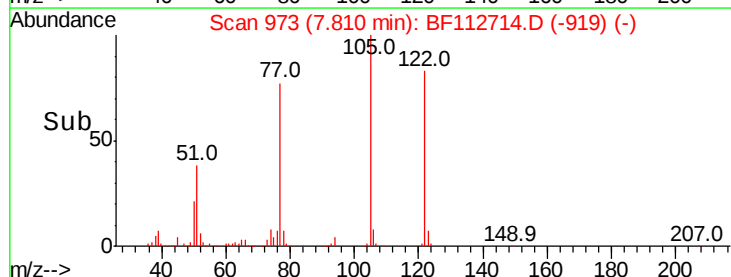
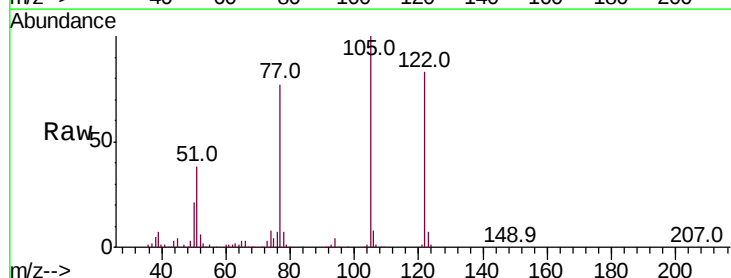
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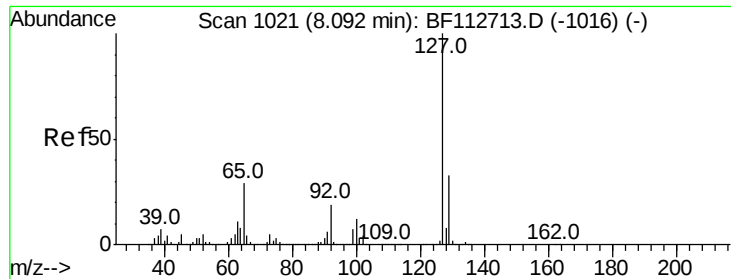
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#32  
Benzoic acid  
Concen: 74.126 ng m  
RT: 7.81 min Scan# 973  
Delta R.T. 0.02 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

| Tgt Ion: | 122   | Resp: | 471860 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 105      | 119.9 | 106.8 | 146.8  |
| 77       | 92.3  | 79.4  | 119.4  |





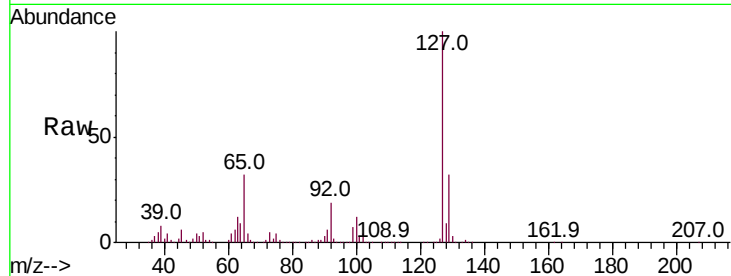
#33  
4-Chloroaniline  
Concen: 48.795 ng  
RT: 8.09 min Scan# 1021  
Delta R.T. -0.00 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.5 | 26.4  | 39.6 |       |       |
| 65      | 31.9 | 23.1  | 34.7 |       |       |
| 92      | 19.5 | 14.9  | 22.3 |       |       |

Manual Integrations  
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2/28/2019 12:46:51 PM



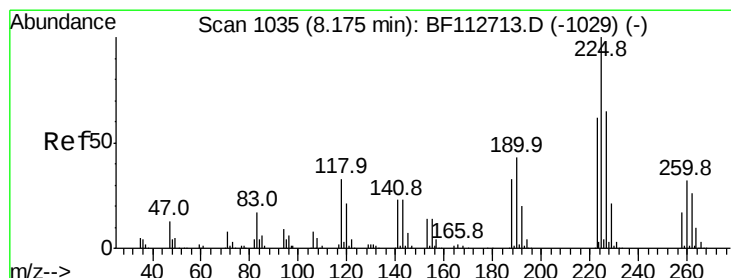
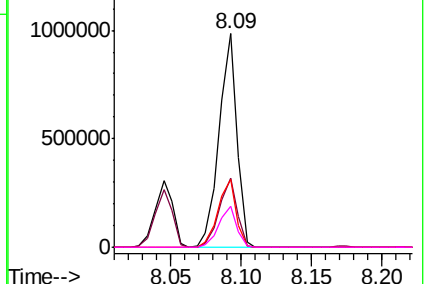
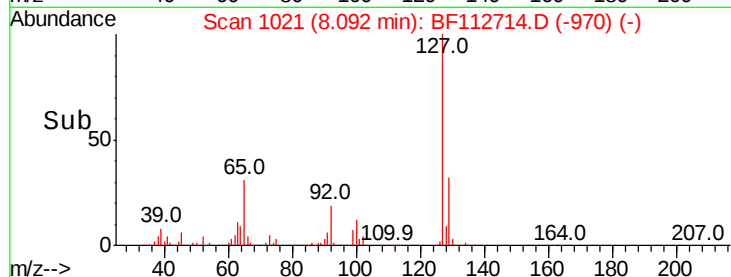
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

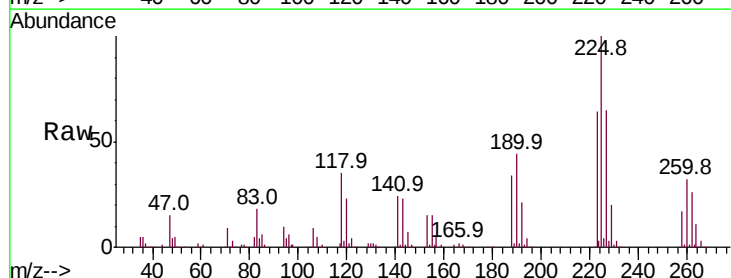
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34  
Hexachlorobutadiene  
Concen: 42.088 ng  
RT: 8.17 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.6 | 49.7  | 74.5 |       |       |
| 227     | 65.0 | 52.1  | 78.1 |       |       |

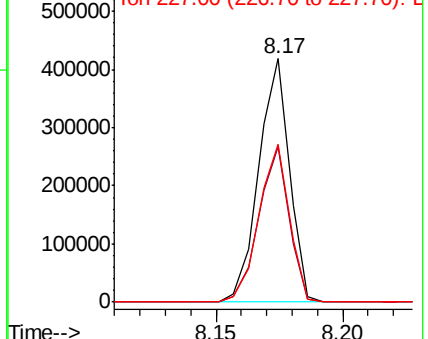
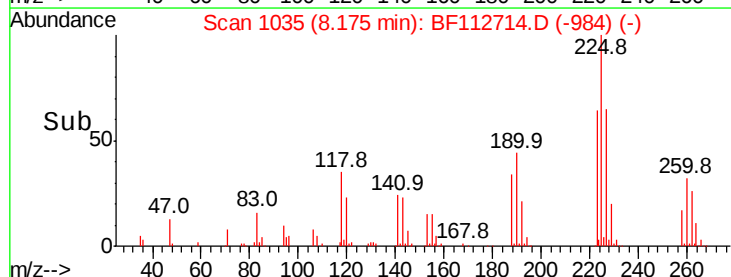


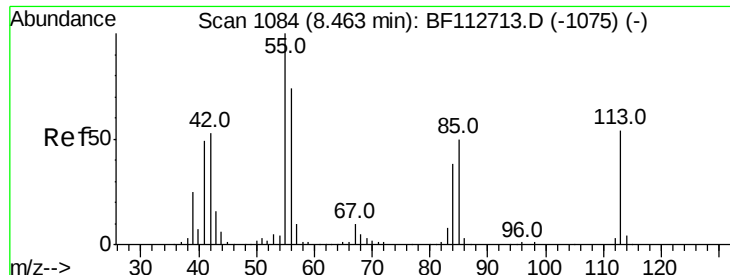
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





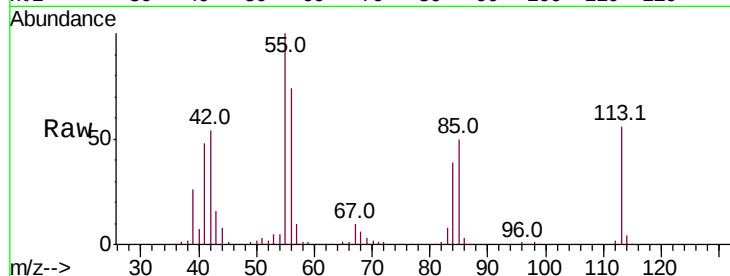
#35  
Caprolactam  
Concen: 49.382 ng  
RT: 8.47 min Scan# 1086  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

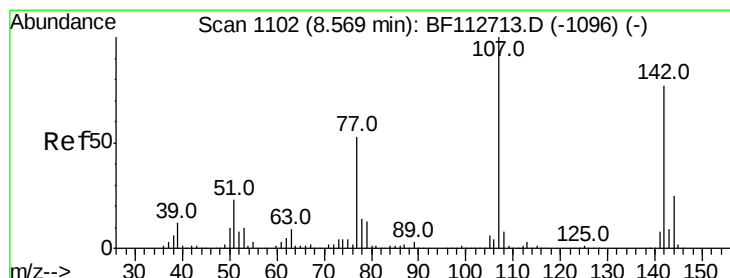
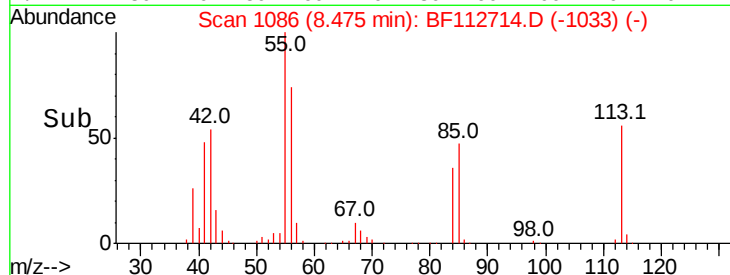
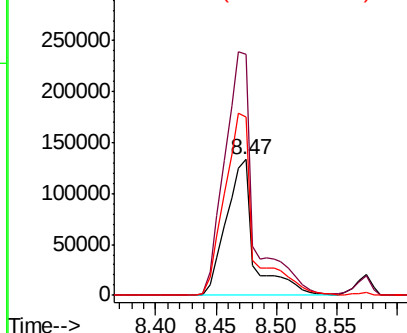
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 177.3 | 163.5 | 203.5 |
| 56      | 131.6 | 115.3 | 155.3 |

Manual Integrations  
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2/28/2019 12:46:51 PM

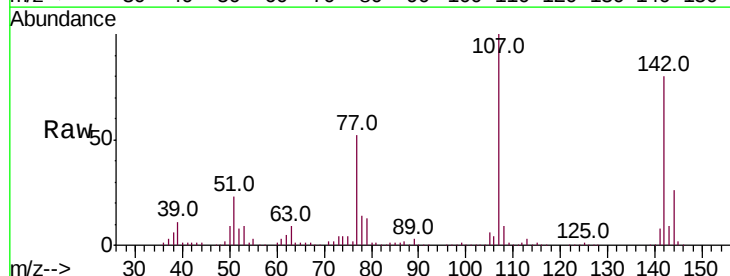


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF1  
Ion 56.00 (55.70 to 56.70): BF1

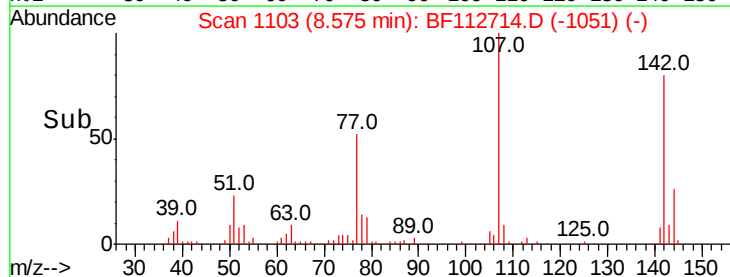
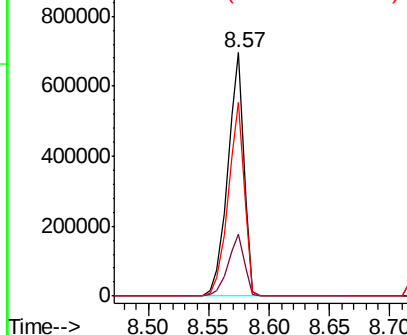


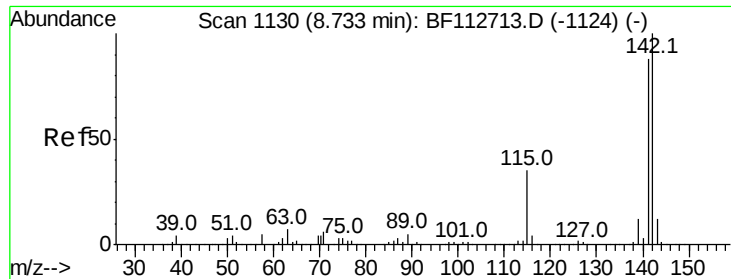
#36  
4-Chloro-3-methylphenol  
Concen: 48.994 ng  
RT: 8.57 min Scan# 1103  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.6  | 20.1  | 30.1  |
| 142     | 79.6  | 61.9  | 92.9  |



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





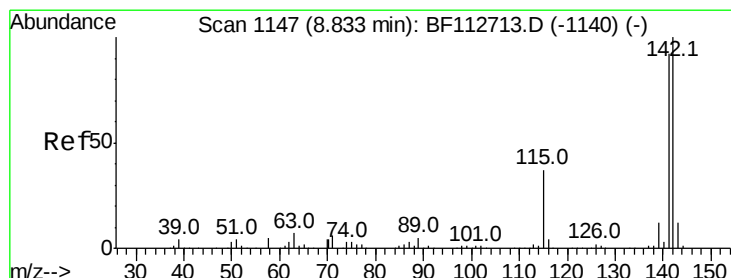
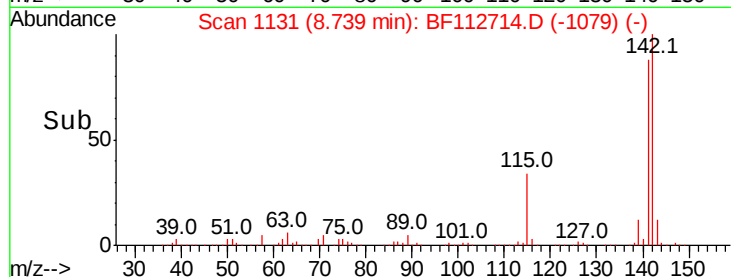
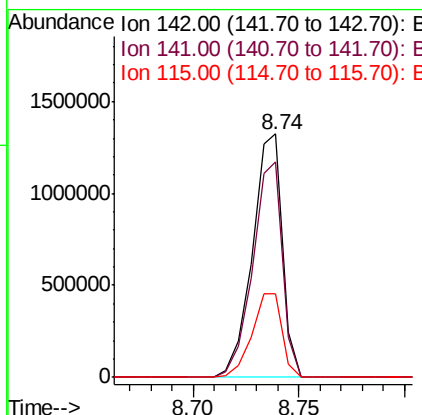
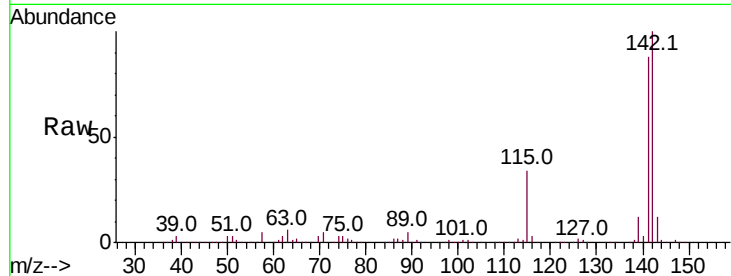
#37  
2-Methylnaphthalene  
Concen: 46.541 ng  
RT: 8.74 min Scan# 1131  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.2  | 70.3  | 105.5 |
| 115     | 34.2  | 27.8  | 41.6  |

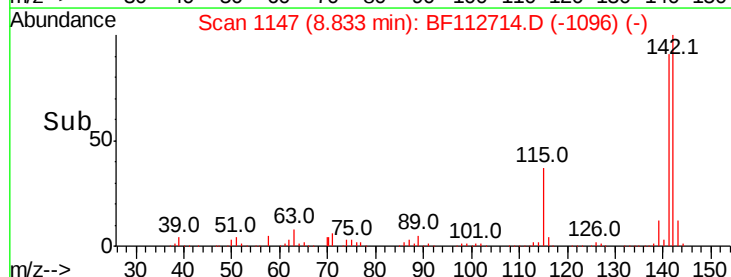
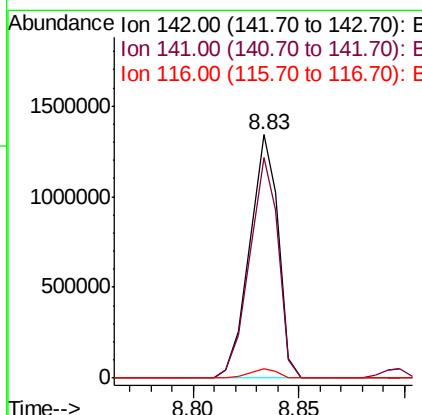
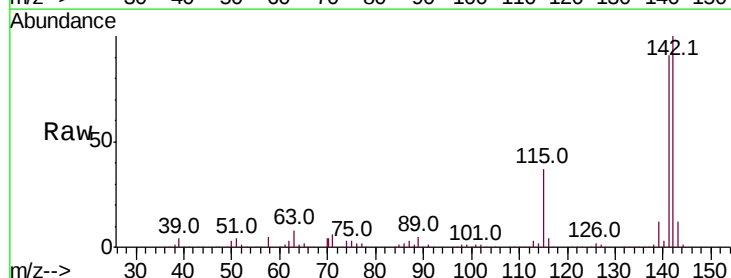
Manual Integrations  
APPROVED

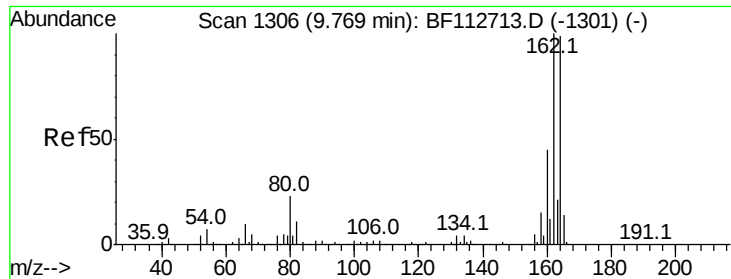
Sohil  
2/28/2019 12:46:51 PM



#38  
1-Methylnaphthalene  
Concen: 47.162 ng  
RT: 8.83 min Scan# 1147  
Delta R.T. -0.00 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.7  | 73.7  | 110.5 |
| 116     | 3.8   | 3.1   | 4.7   |





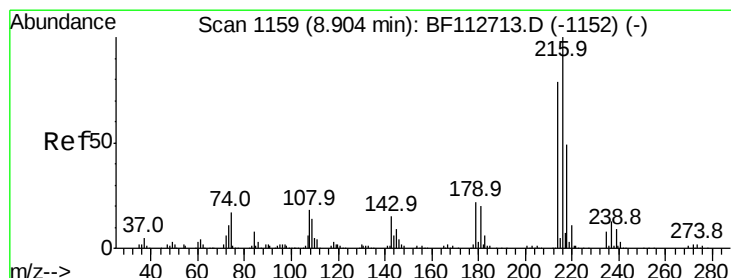
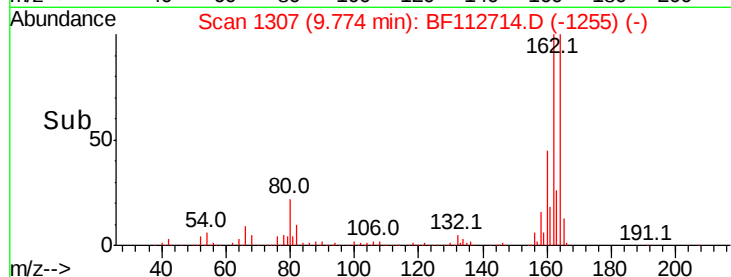
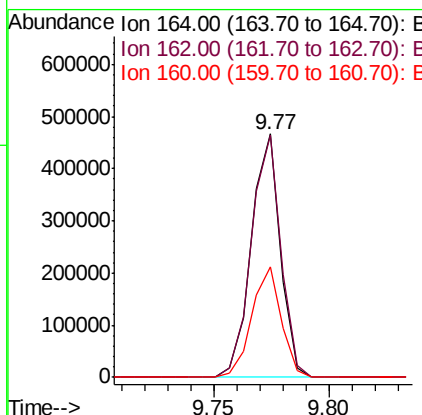
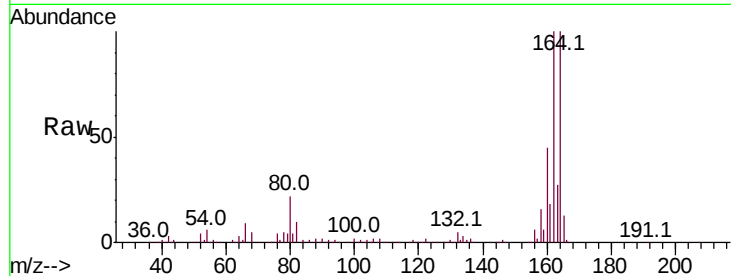
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.77 min Scan# 1307  
 Delta R.T. 0.01 min  
 Lab File: BF112714.D  
 Acq: 27 Feb 2019 12:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 99.7  | 80.6 | 120.8 |       |
| 160     | 45.3  | 36.0 | 54.0  |       |

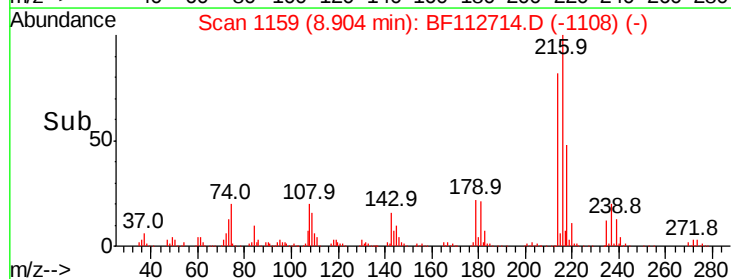
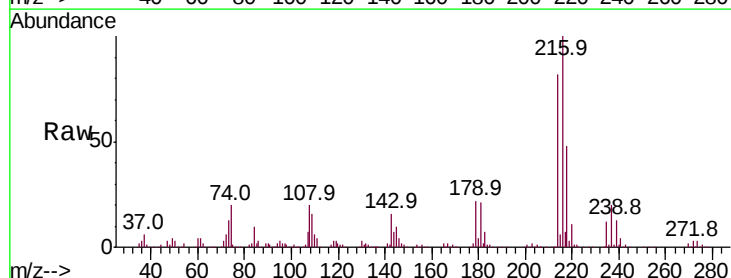
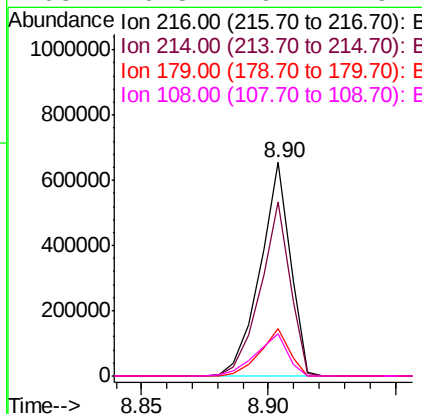
Manual Integrations  
 APPROVED

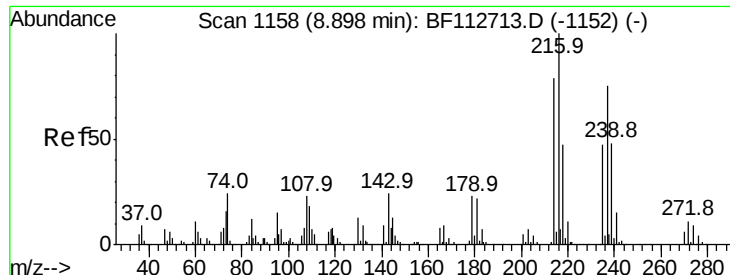
Sohil  
 2/28/2019 12:46:51 PM



#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.593 ng  
 RT: 8.90 min Scan# 1159  
 Delta R.T. -0.00 min  
 Lab File: BF112714.D  
 Acq: 27 Feb 2019 12:11

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 80.4  | 63.2 | 94.8  |       |
| 179     | 21.6  | 17.5 | 26.3  |       |
| 108     | 20.8  | 16.7 | 25.1  |       |





#41

Hexachlorocyclopentadiene

Concen: 78.618 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

Instrument :

BNA\_F

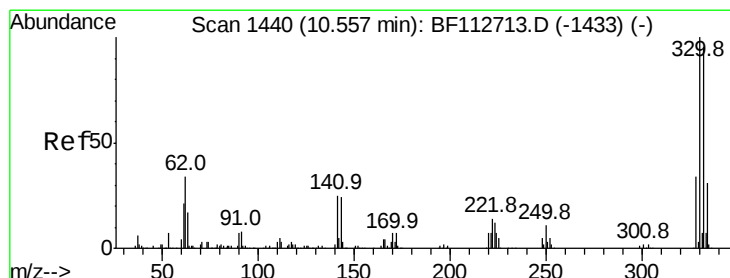
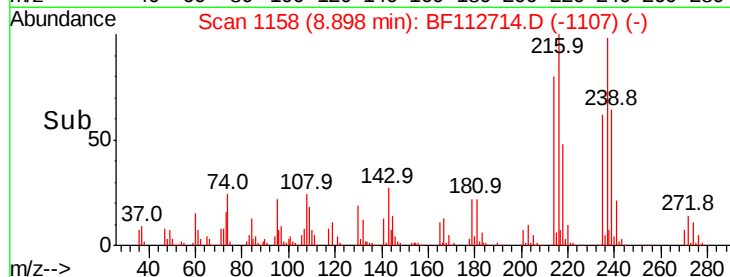
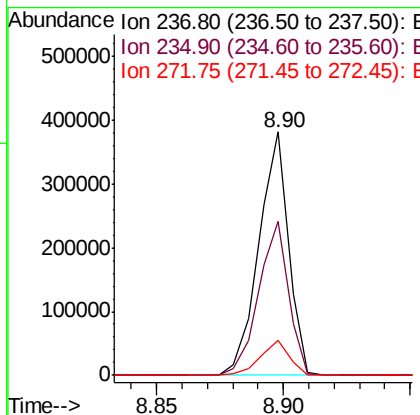
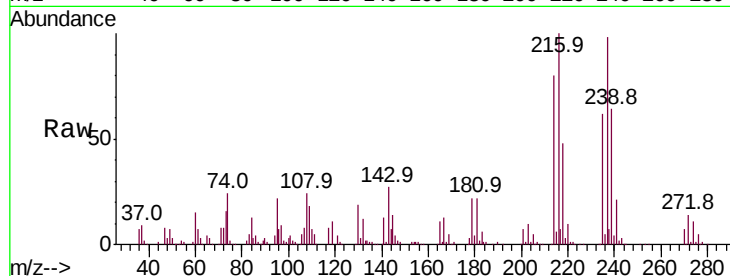
ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 313771 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.2  | 42.2  | 82.2   |
| 272       | 14.2  | 0.0   | 34.0   |

Manual Integrations  
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#42

2,4,6-Tribromophenol

Concen: 87.113 ng

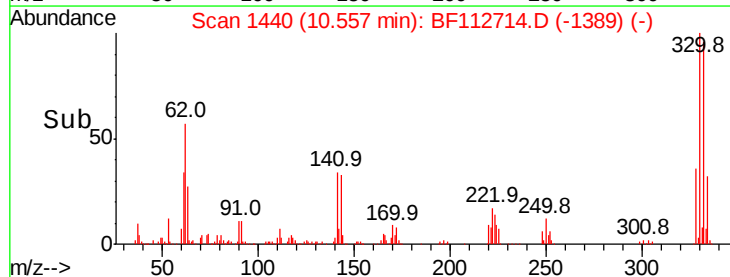
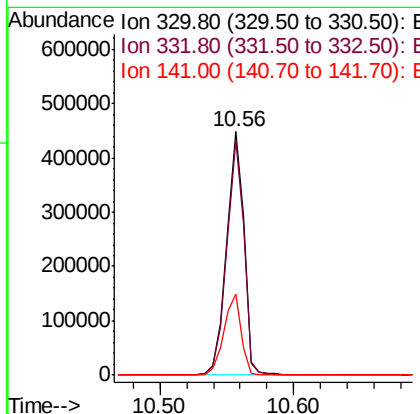
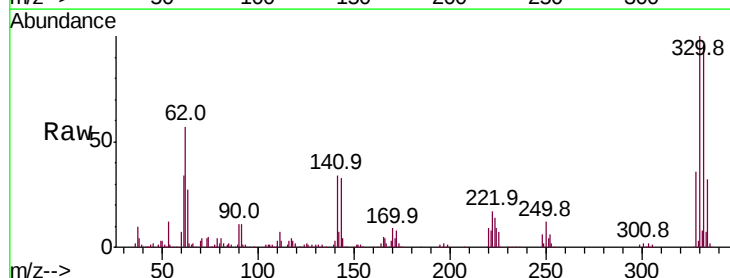
RT: 10.56 min Scan# 1440

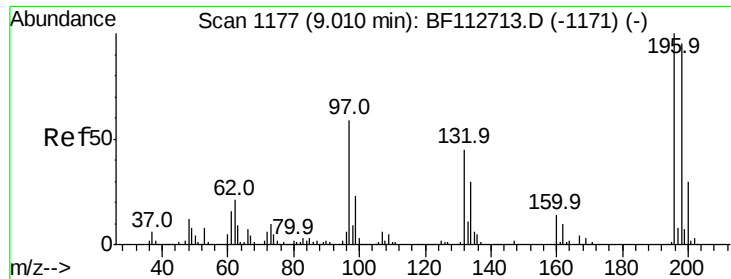
Delta R.T. -0.00 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 415180 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.0  | 76.2  | 114.4  |
| 141       | 33.4  | 27.0  | 40.6   |





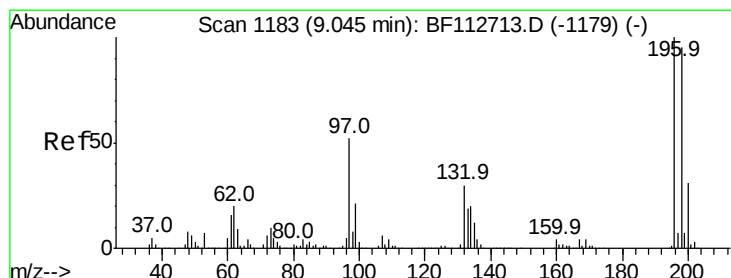
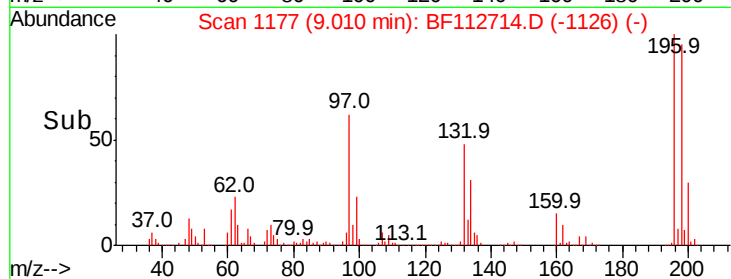
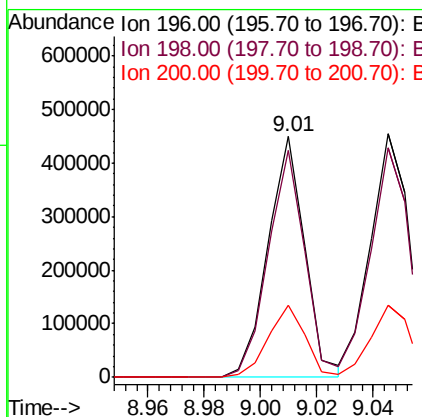
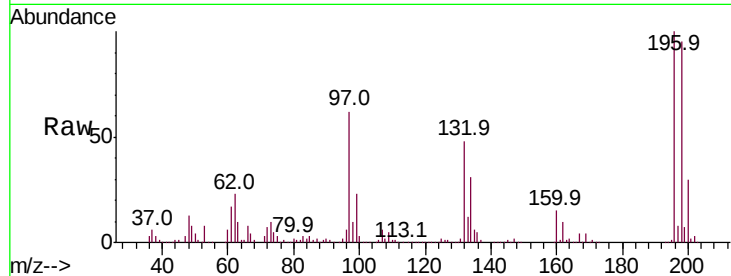
#43  
 2,4,6-Trichlorophenol  
 Concen: 48.922 ng  
 RT: 9.01 min Scan# 1177  
 Delta R.T. -0.00 min  
 Lab File: BF112714.D  
 Acq: 27 Feb 2019 12:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 405421 |       |       |
| 198     | 94.6  | 75.8   | 113.8 |       |
| 200     | 29.9  | 24.3   | 36.5  |       |

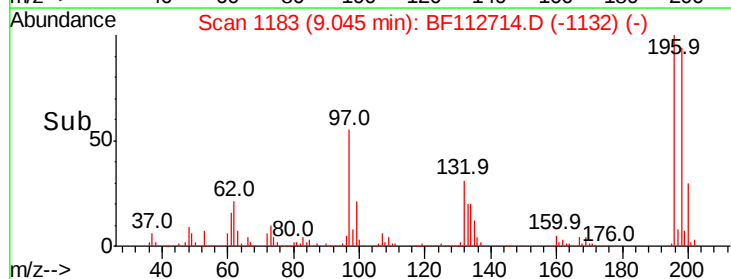
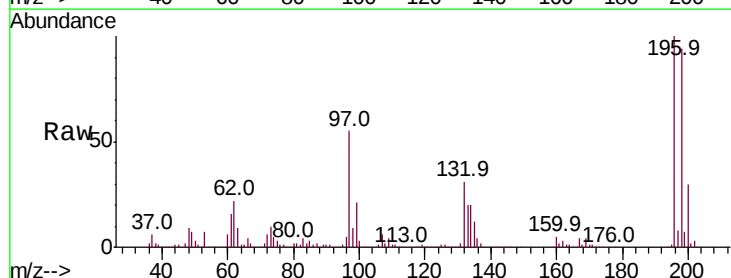
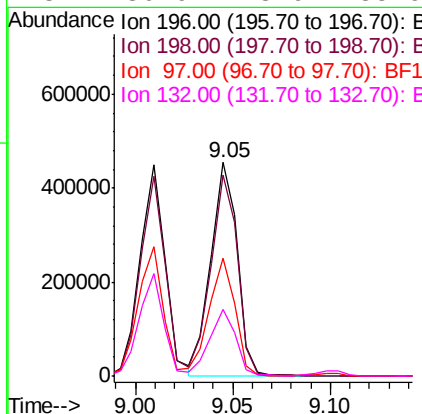
Manual Integrations  
 APPROVED

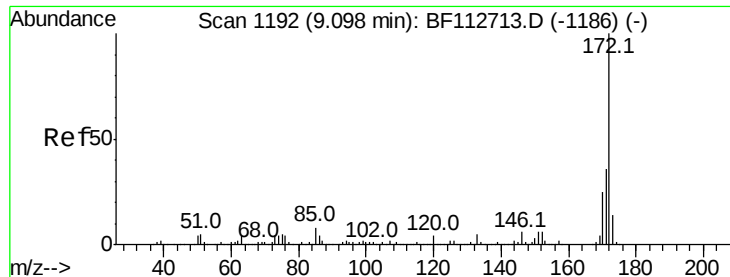
Sohil  
 2/28/2019 12:46:51 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 49.647 ng  
 RT: 9.05 min Scan# 1183  
 Delta R.T. -0.00 min  
 Lab File: BF112714.D  
 Acq: 27 Feb 2019 12:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 429999 |       |       |
| 198     | 94.2  | 76.2   | 114.2 |       |
| 97      | 55.0  | 41.5   | 62.3  |       |
| 132     | 30.9  | 23.9   | 35.9  |       |





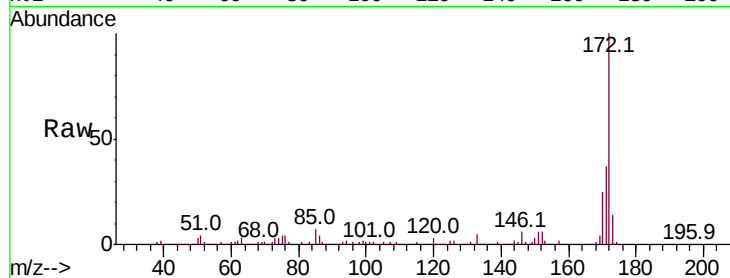
#45  
2-Fluorobiphenyl  
Concen: 79.730 ng  
RT: 9.10 min Scan# 1193  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.8  | 29.0  | 43.4  |
| 170     | 25.0  | 20.0  | 30.0  |

Manual Integrations  
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2/28/2019 12:46:51 PM

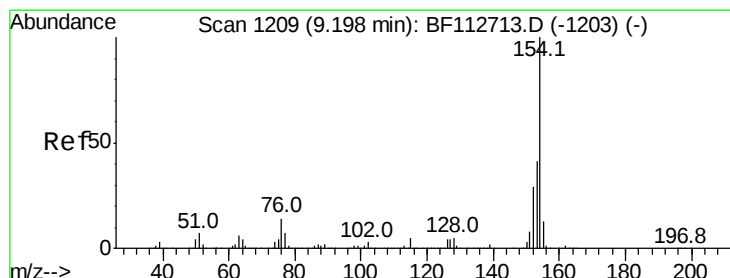
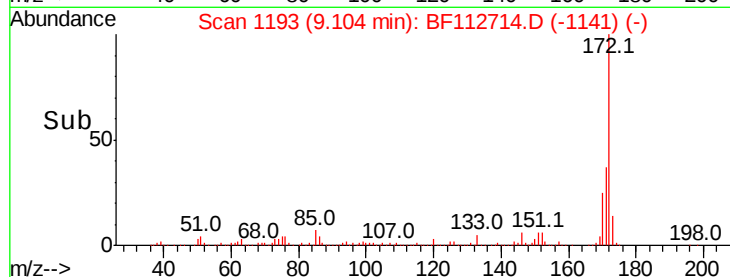
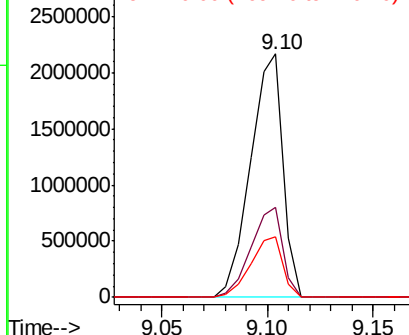


Abundance

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: 44.535 ng  
RT: 9.20 min Scan# 1209  
Delta R.T. -0.00 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

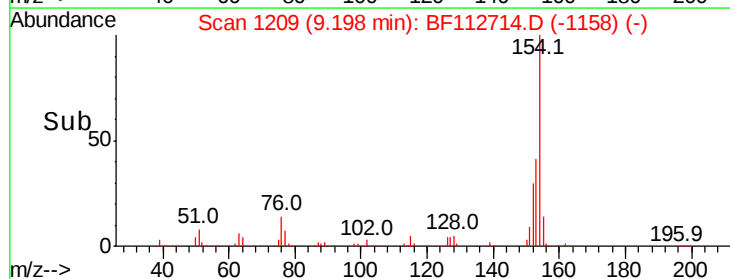
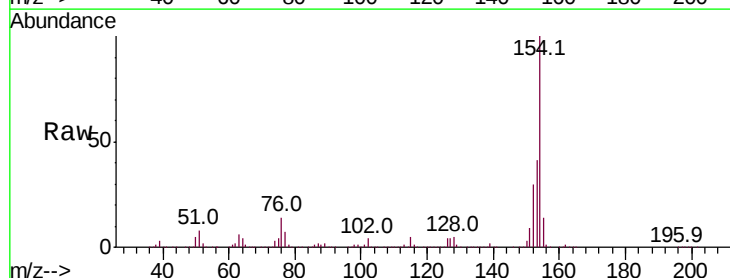
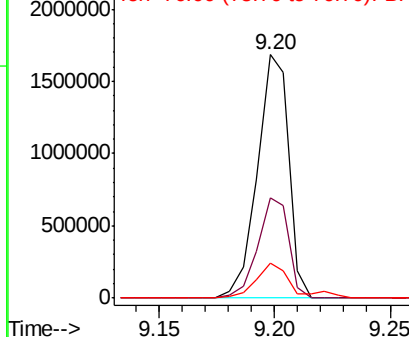
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.1  | 20.8  | 60.8  |
| 76      | 14.5  | 0.0   | 33.8  |

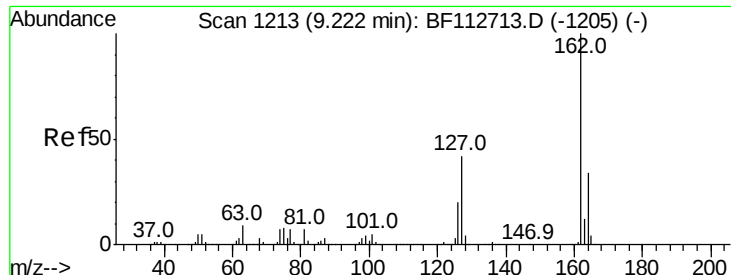
Abundance

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





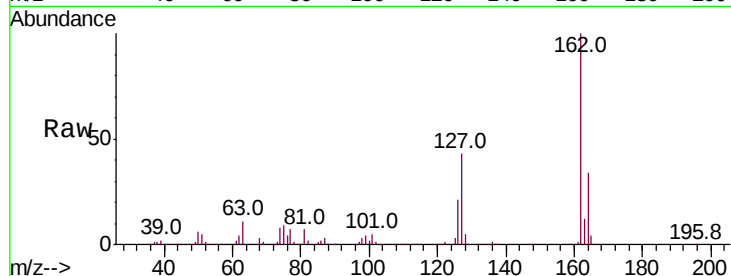
#47  
2-Chloronaphthalene  
Concen: 43.739 ng  
RT: 9.22 min Scan# 1213  
Delta R.T. -0.00 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 43.3  | 33.4  | 50.2  |
| 164     | 34.0  | 26.9  | 40.3  |

Manual Integrations  
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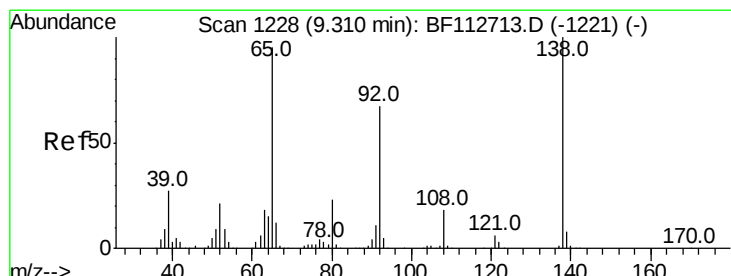
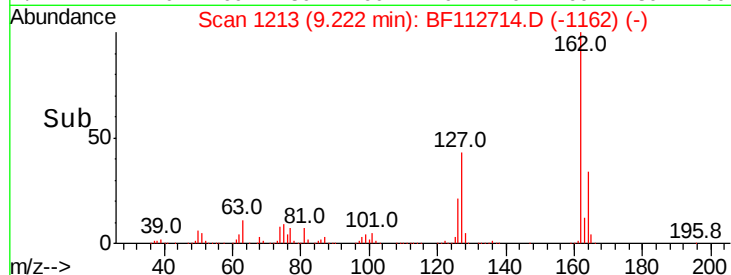
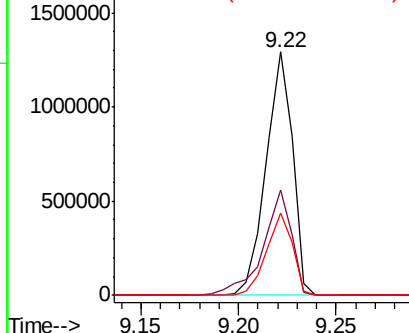


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48  
2-Nitroaniline  
Concen: 54.908 ng  
RT: 9.31 min Scan# 1228  
Delta R.T. -0.00 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

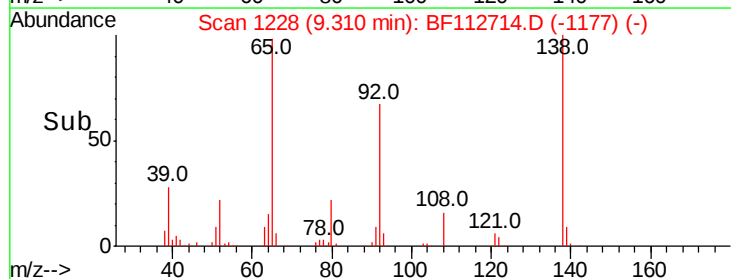
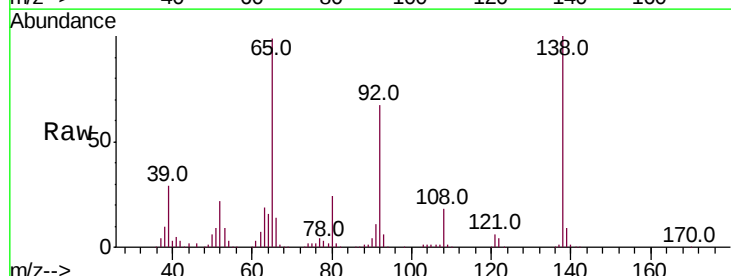
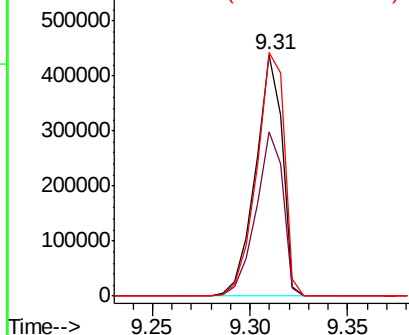
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.0  | 56.4  | 84.6  |
| 138     | 100.8 | 84.6  | 126.8 |

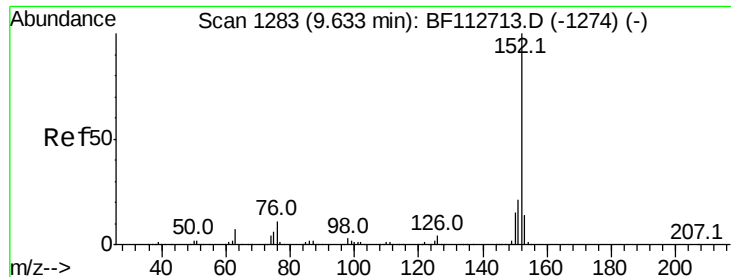
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





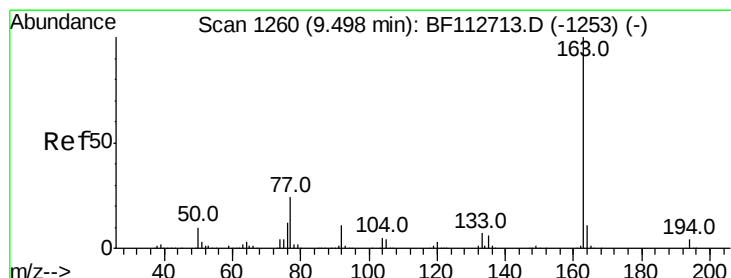
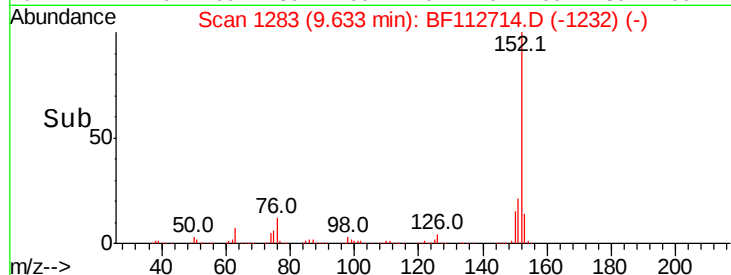
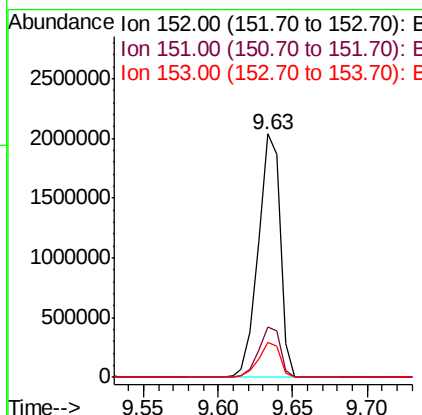
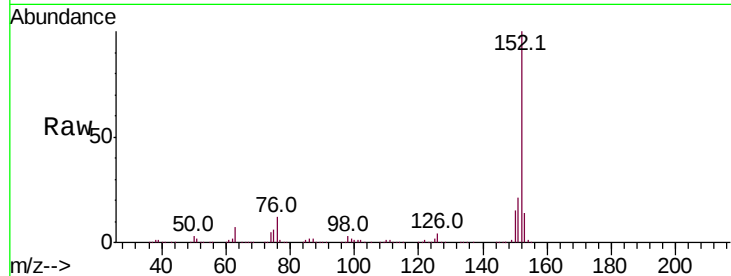
#49  
Acenaphthylene  
Concen: 50.350 ng  
RT: 9.63 min Scan# 1283  
Delta R.T. -0.00 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.9  | 16.9  | 25.3  |
| 153     | 14.1  | 11.0  | 16.6  |

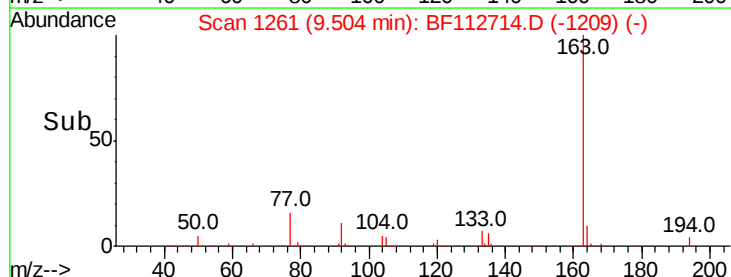
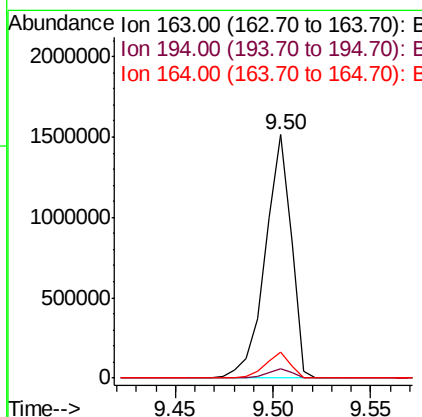
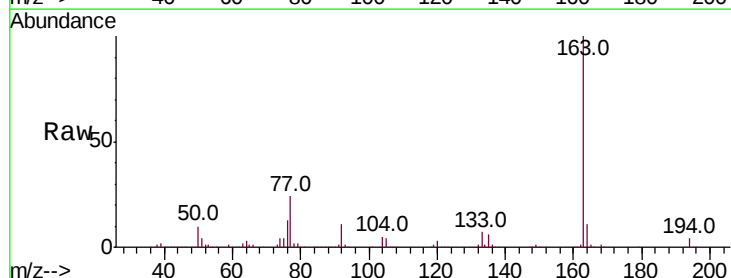
Manual Integrations  
APPROVED

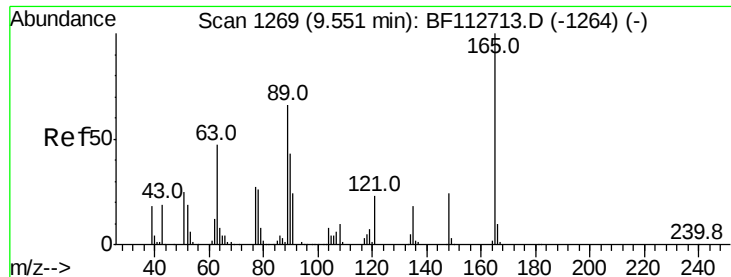
Sohil  
2/28/2019 12:46:51 PM



#50  
Dimethylphthalate  
Concen: 43.887 ng  
RT: 9.50 min Scan# 1261  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.9   | 3.0   | 4.4   |
| 164     | 10.6  | 8.4   | 12.6  |





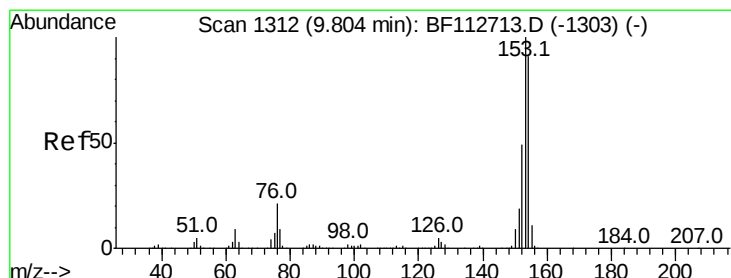
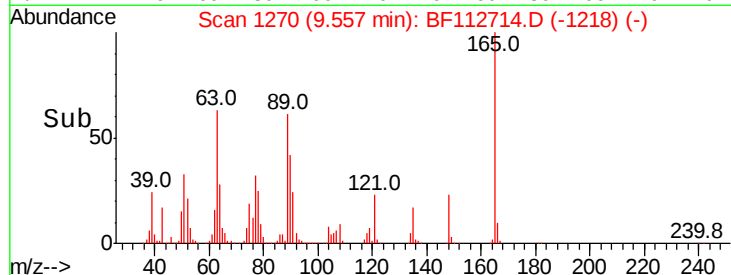
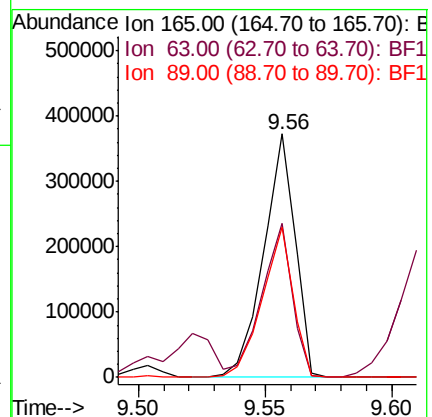
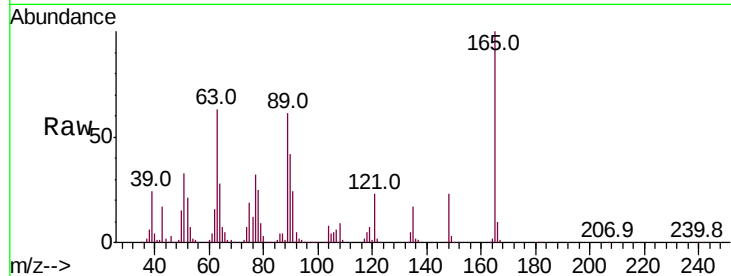
#51  
2,6-Dinitrotoluene  
Concen: 45.629 ng  
RT: 9.56 min Scan# 1270  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC050

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 63.5  | 54.1       | 81.1  |
| 89      | 61.4  | 52.8       | 79.2  |

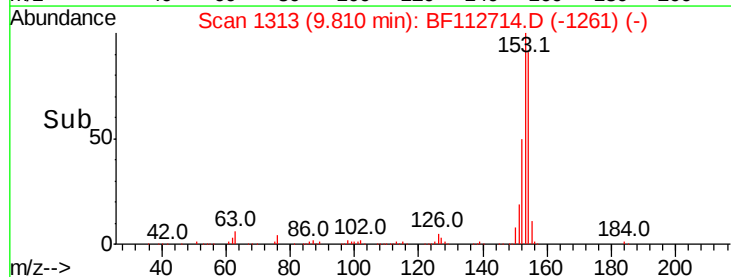
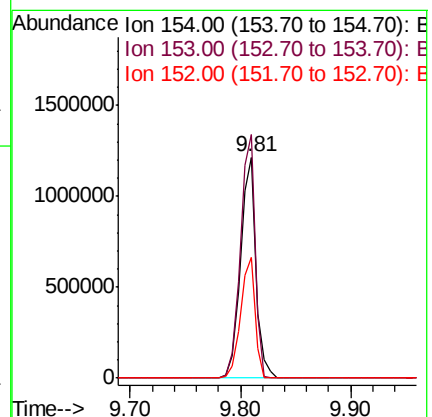
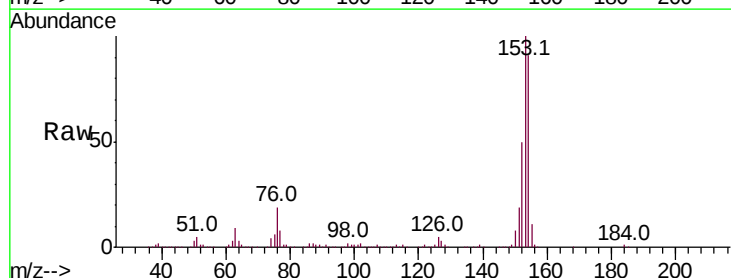
Manual Integrations  
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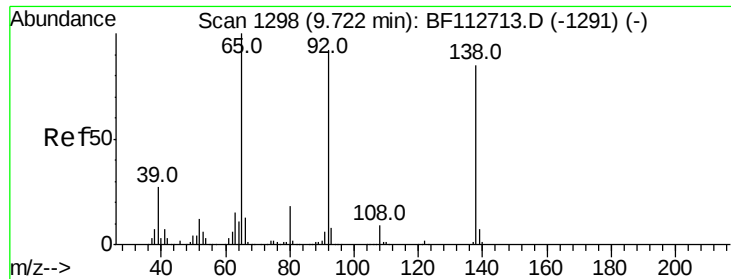
Sohil  
2/28/2019 12:46:51 PM



#52  
Acenaphthene  
Concen: 48.973 ng  
RT: 9.81 min Scan# 1313  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 154     | 100   |            |       |
| 153     | 110.2 | 87.8       | 131.8 |
| 152     | 54.9  | 43.0       | 64.6  |





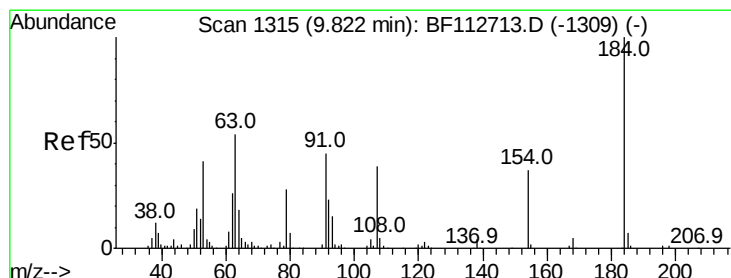
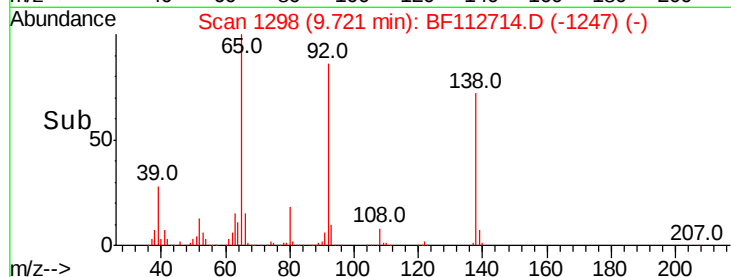
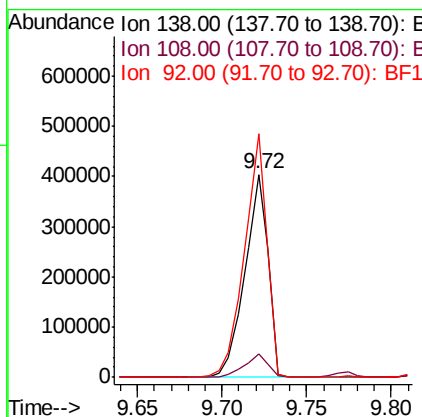
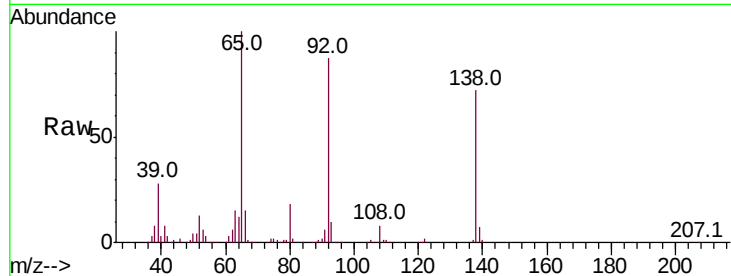
#53  
3-Nitroaniline  
Concen: 50.413 ng  
RT: 9.72 min Scan# 1298  
Delta R.T. -0.00 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.4  | 8.6   | 13.0  |
| 92      | 120.1 | 86.6  | 129.8 |

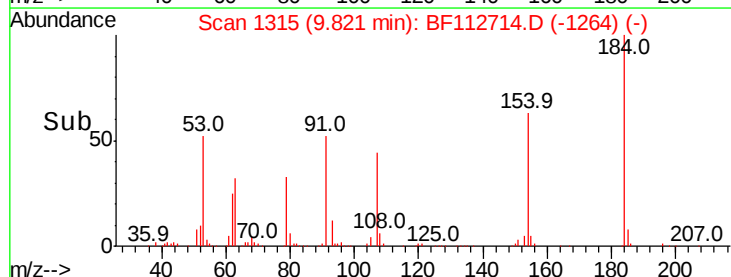
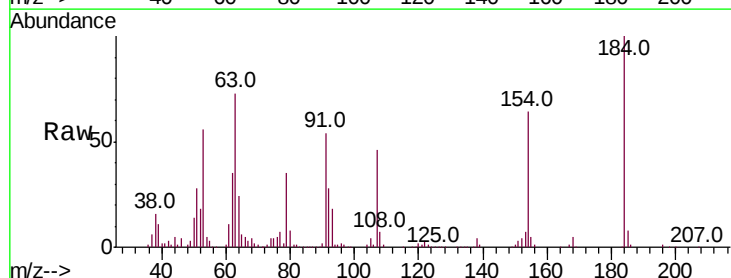
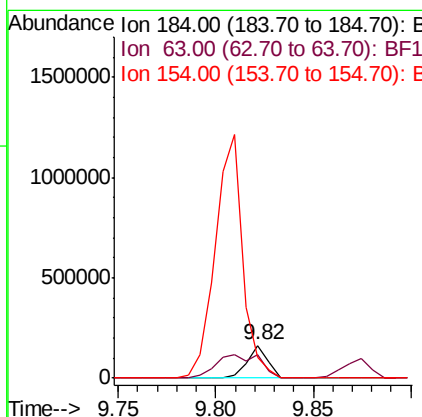
Manual Integrations  
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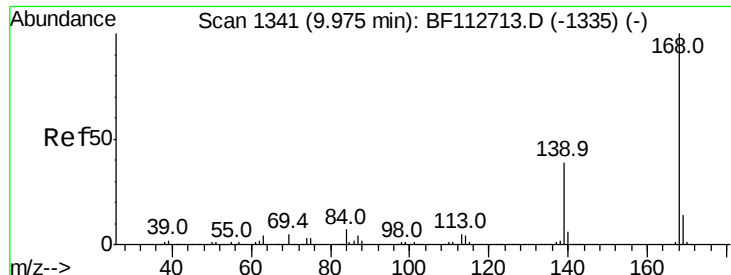
Sohil  
2/28/2019 12:46:51 PM



#54  
2,4-Dinitrophenol  
Concen: 51.930 ng  
RT: 9.82 min Scan# 1315  
Delta R.T. -0.00 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 73.4  | 45.3  | 67.9# |
| 154     | 63.7  | 46.0  | 69.0  |





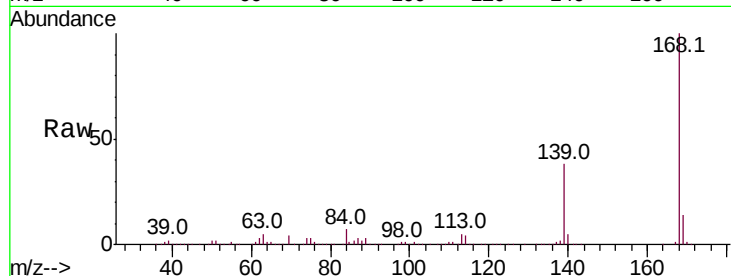
#55  
Dibenzenofuran  
Concen: 46.325 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

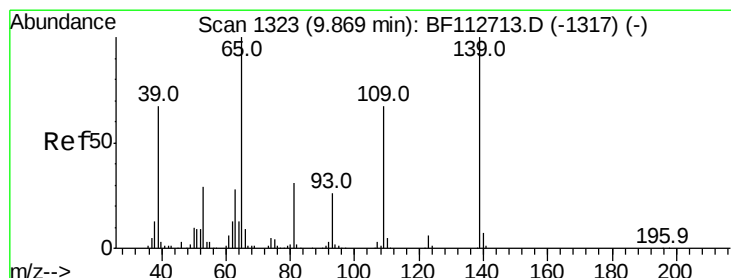
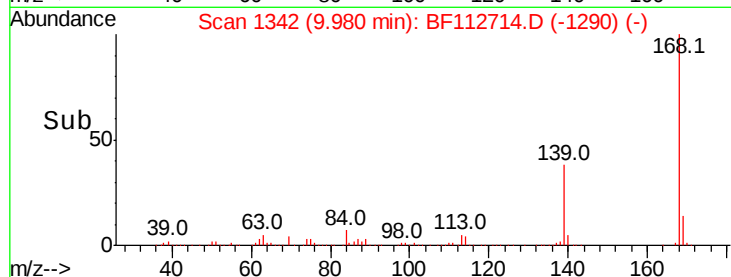
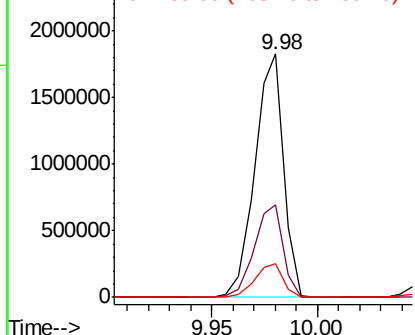
Tot Ion:168 Resp: 1720602  
Ion Ratio Lower Upper  
168 100  
139 37.9 31.3 46.9  
169 13.7 11.3 16.9

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2/28/2019 12:46:51 PM

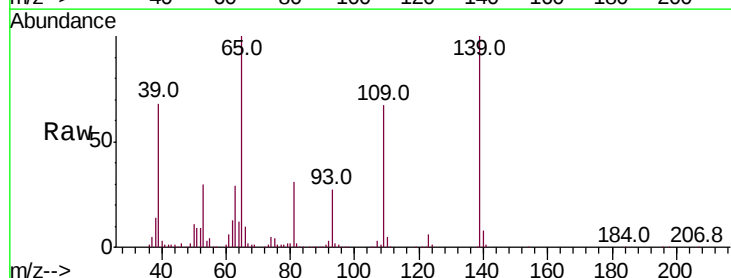


Abundance Ion 168.00 (167.70 to 168.70): E  
2500000  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

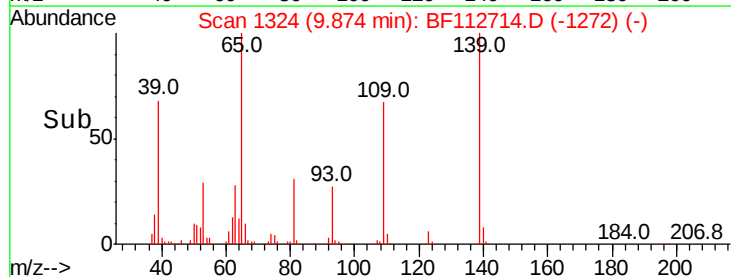
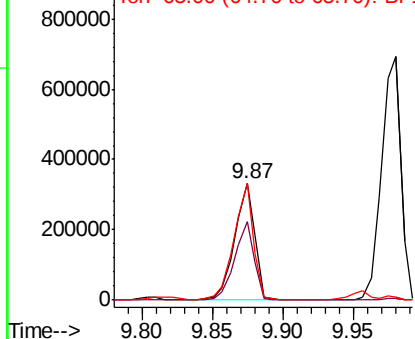


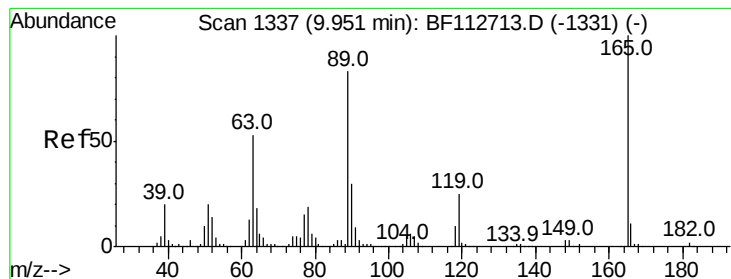
#56  
4-Nitrophenol  
Concen: 80.147 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Tgt Ion:139 Resp: 327074  
Ion Ratio Lower Upper  
139 100  
109 66.8 46.8 86.8  
65 100.3 80.7 120.7



Abundance Ion 139.00 (138.70 to 139.70): E  
800000  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 46.175 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:165 Resp: 418828

Ion Ratio Lower Upper

165 100

63 48.7 42.2 63.2

89 79.3 66.2 99.4

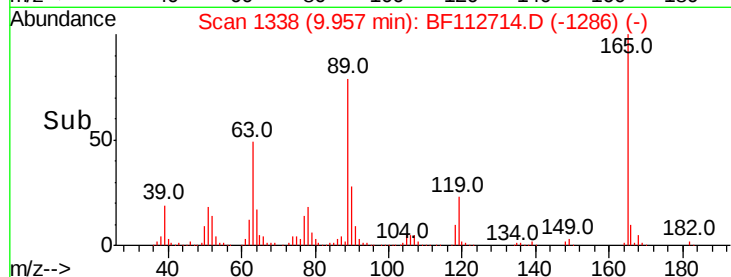
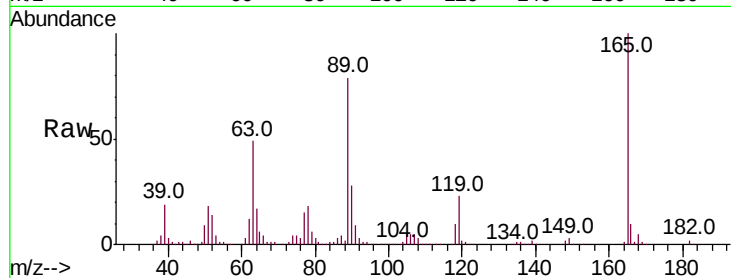
182 2.3 1.8 2.6

Manual Integrations

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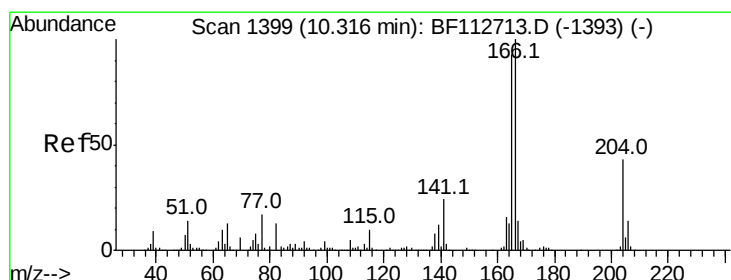
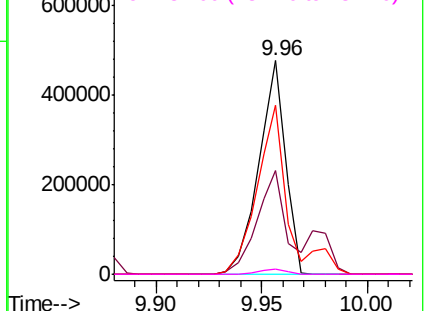


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.991 ng

RT: 10.32 min Scan# 1400

Delta R.T. 0.01 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

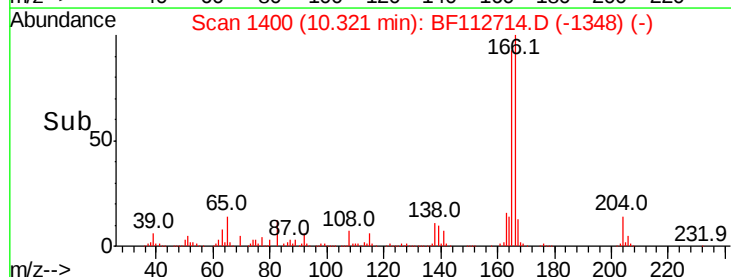
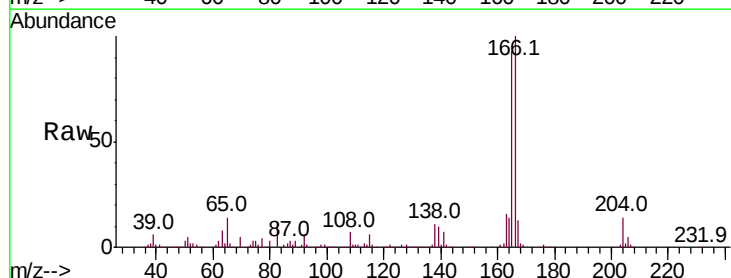
Tgt Ion:166 Resp: 1194917

Ion Ratio Lower Upper

166 100

165 93.0 74.7 112.1

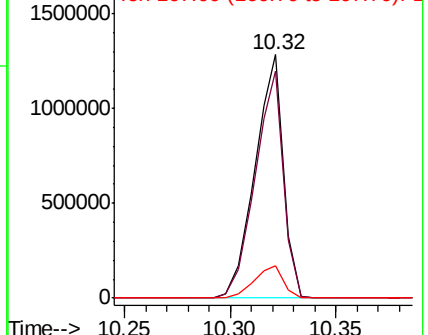
167 13.5 11.0 16.6

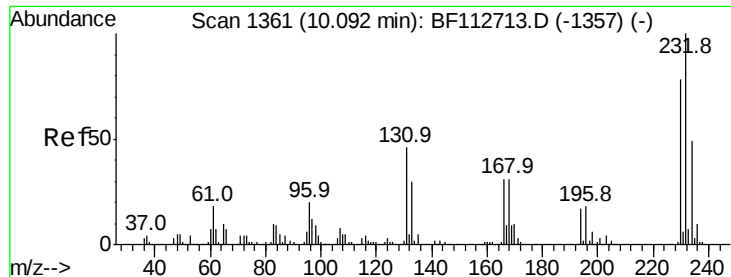


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





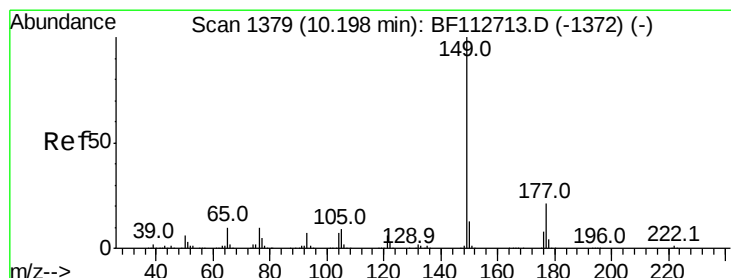
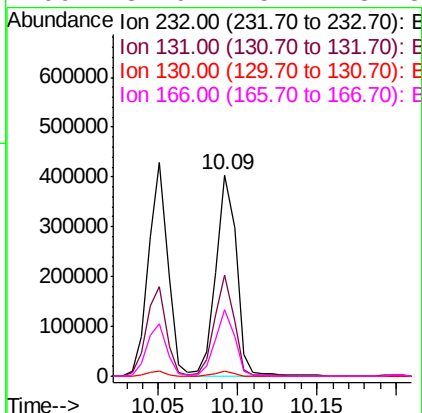
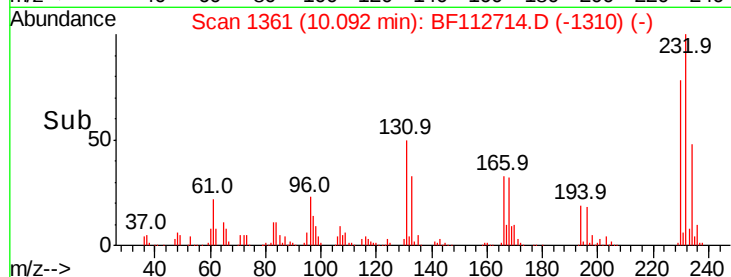
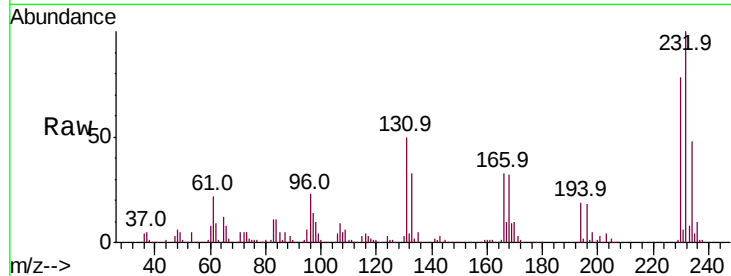
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 55.604 ng  
 RT: 10.09 min Scan# 1361  
 Delta R.T. -0.00 min  
 Lab File: BF112714.D  
 Acq: 27 Feb 2019 12:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 48.3  | 38.7  | 58.1  |
| 130     | 2.5   | 1.9   | 2.9   |
| 166     | 31.9  | 25.2  | 37.8  |

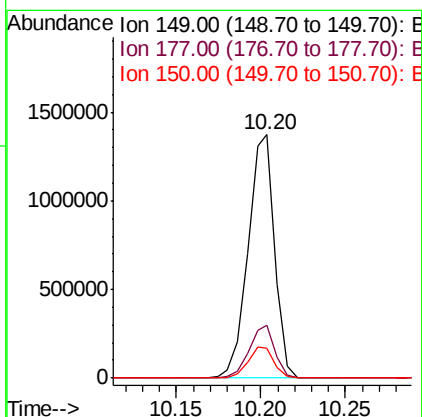
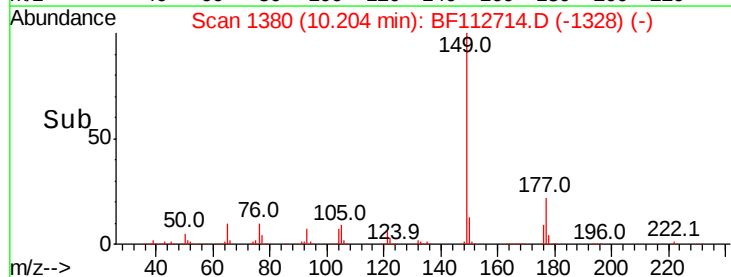
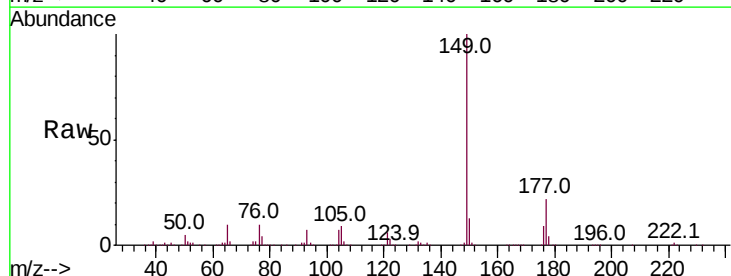
Manual Integrations  
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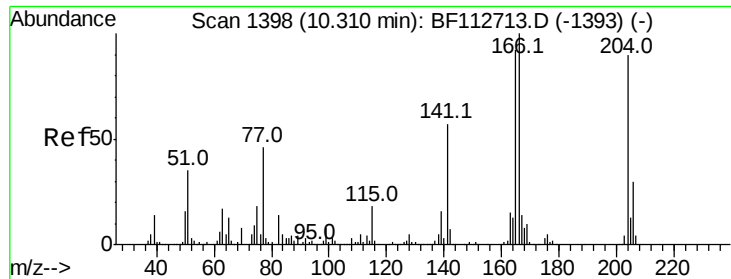
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 2/28/2019 12:46:51 PM



#60  
 Diethylphthalate  
 Concen: 47.514 ng  
 RT: 10.20 min Scan# 1380  
 Delta R.T. 0.01 min  
 Lab File: BF112714.D  
 Acq: 27 Feb 2019 12:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.5  | 17.0  | 25.6  |
| 150     | 12.5  | 10.0  | 15.0  |





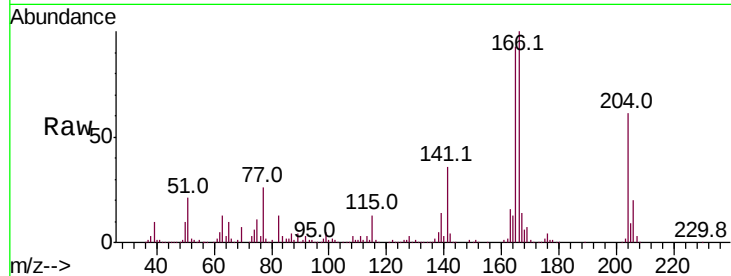
#61  
4-Chlorophenyl-phenylether  
Concen: 36.906 ng  
RT: 10.32 min Scan# 1399  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.8  | 26.6  | 40.0  |
| 141     | 59.2  | 50.8  | 76.2  |

Manual Integrations  
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2/28/2019 12:46:51 PM

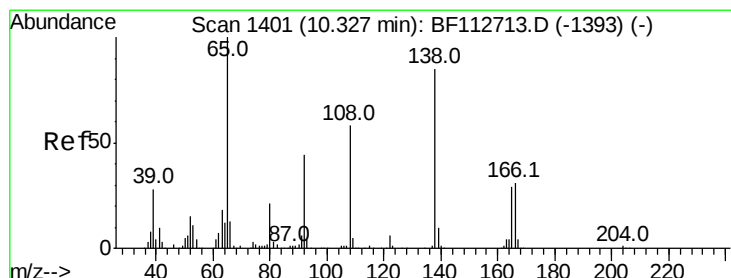
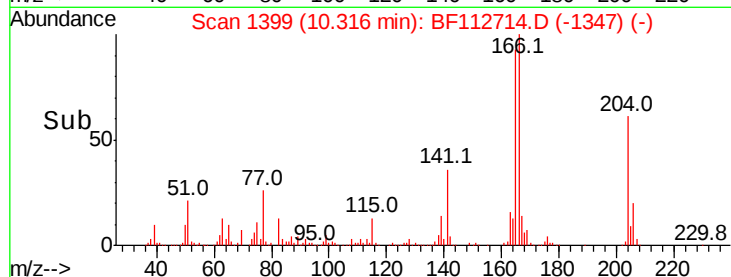
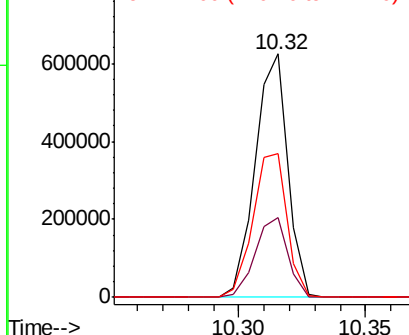


Abundance

Ion 204.00 (203.70 to 204.70): E

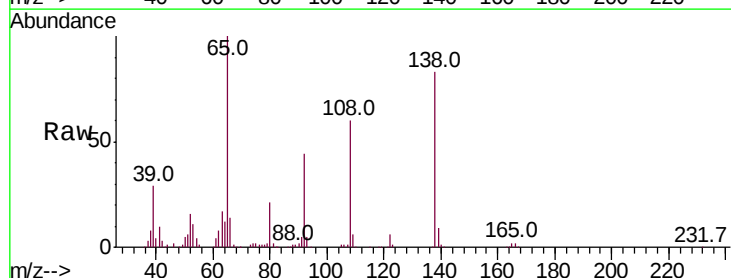
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 47.711 ng  
RT: 10.33 min Scan# 1402  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 53.0  | 31.3  | 71.3  |
| 108     | 72.3  | 48.1  | 88.1  |

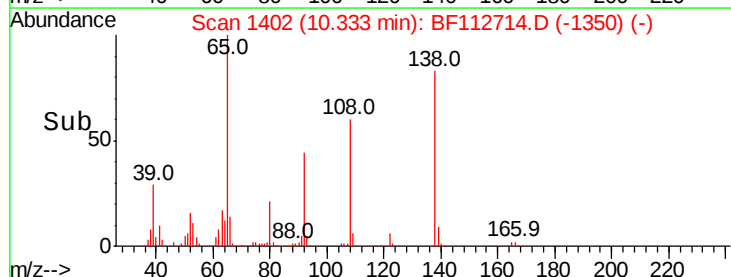
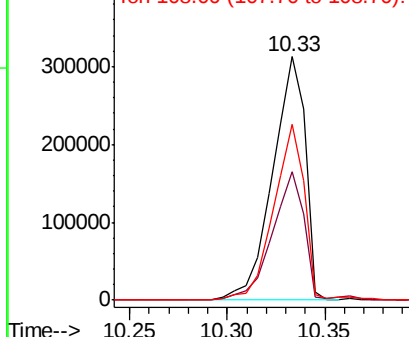


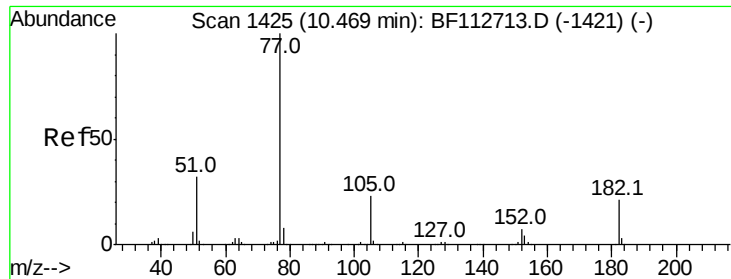
Abundance

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





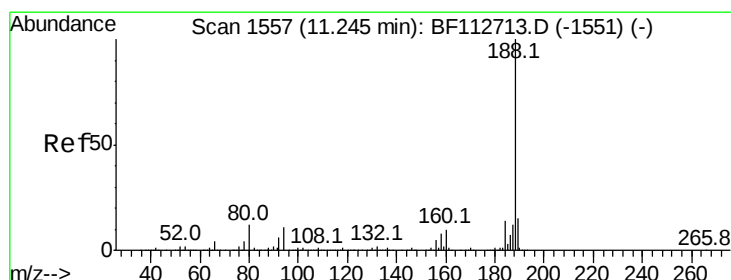
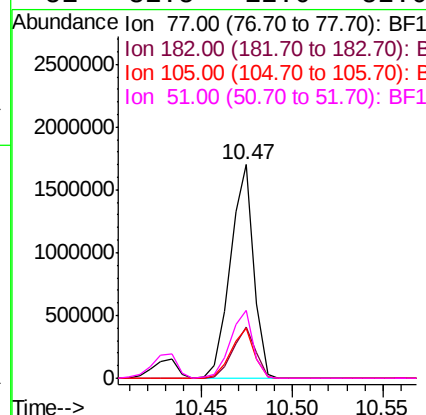
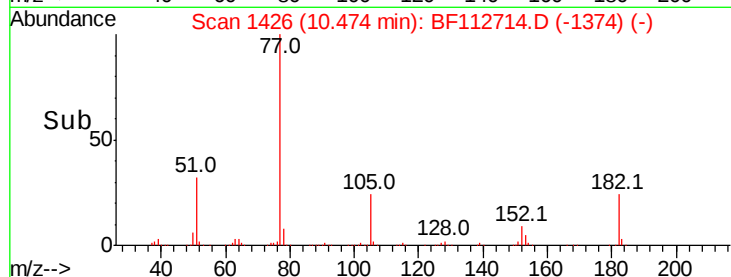
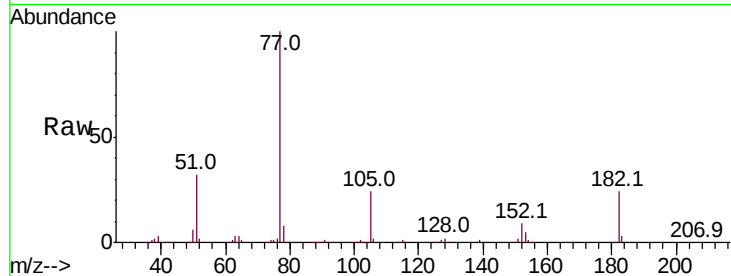
#63  
Azobenzene  
Concen: 54.569 ng  
RT: 10.47 min Scan# 1426  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 24.3 | 1.4   | 41.4  |       |
| 105     | 23.6 | 2.6   | 42.6  |       |
| 51      | 31.5 | 12.0  | 52.0  |       |

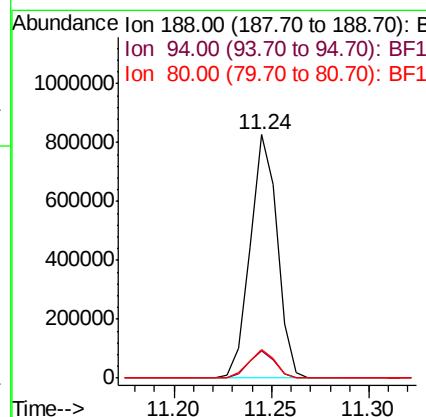
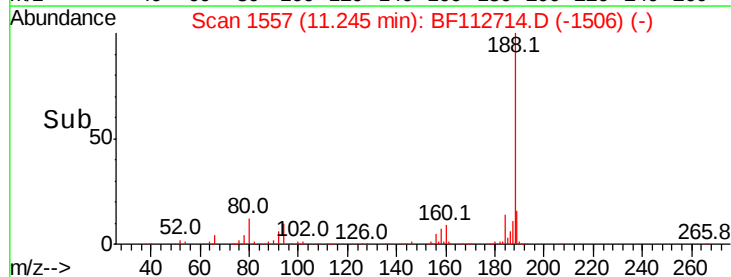
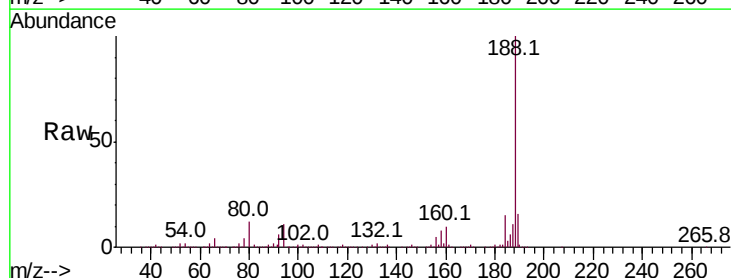
Manual Integrations  
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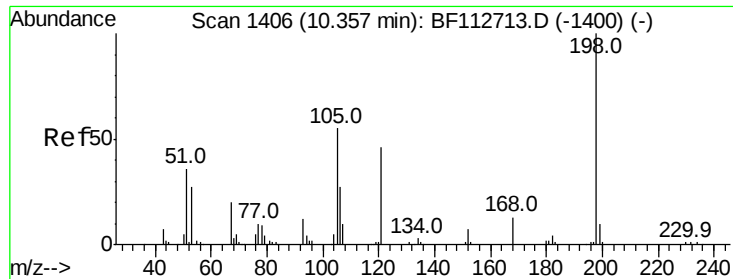
Sohil  
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.24 min Scan# 1557  
Delta R.T. -0.00 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 188     | 100  |       |       |       |
| 94      | 11.4 | 9.0   | 13.4  |       |
| 80      | 11.7 | 9.2   | 13.8  |       |





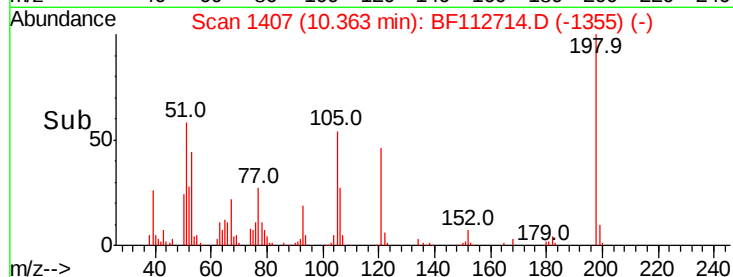
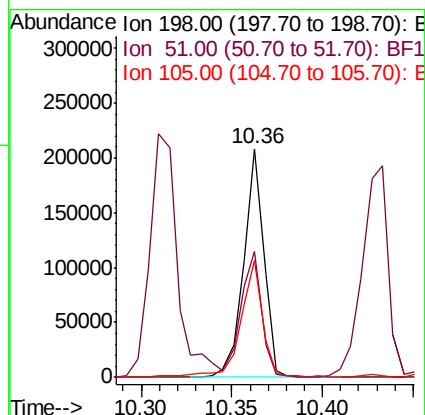
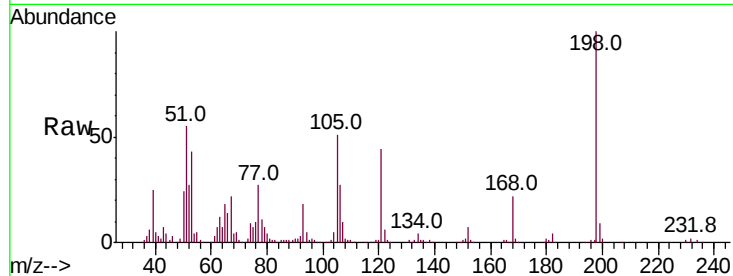
#65  
4,6-Dinitro-2-methylphenol  
Concen: 36.244 ng  
RT: 10.36 min Scan# 1407  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 161054 |       |       |
| 51      | 55.1  | 43.8   | 83.8  |       |
| 105     | 51.4  | 36.5   | 76.5  |       |

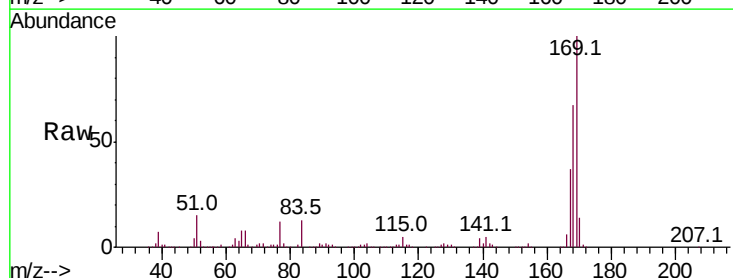
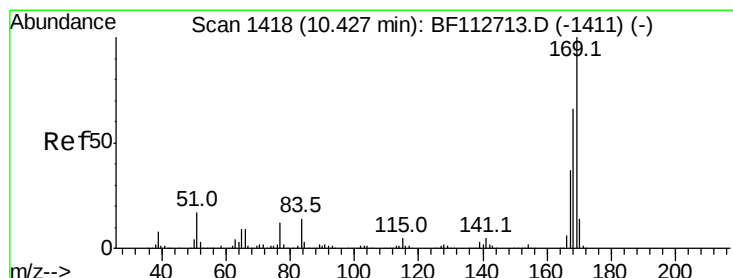
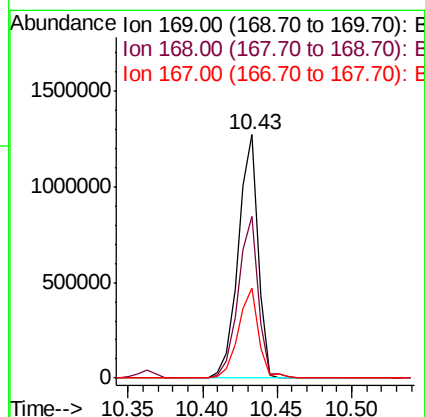
Manual Integrations  
APPROVED

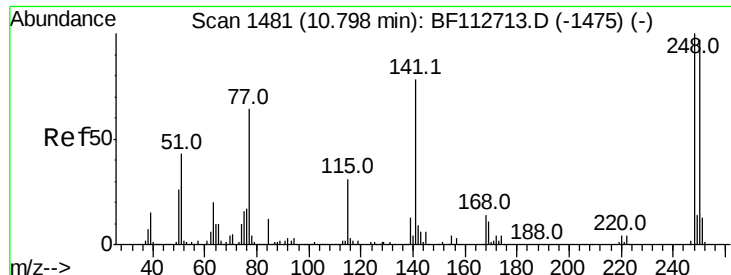
Sohil  
2/28/2019 12:46:51 PM



#66  
n-Nitrosodiphenylamine  
Concen: 44.509 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 169     | 100   | 1188884 |       |       |
| 168     | 66.5  | 53.0    | 79.6  |       |
| 167     | 37.1  | 29.3    | 43.9  |       |





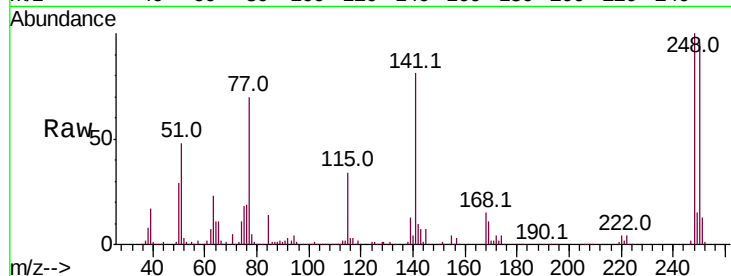
#67  
 4-Bromophenyl-phenylether  
 Concen: 42.905 ng  
 RT: 10.80 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: BF112714.D  
 Acq: 27 Feb 2019 12:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

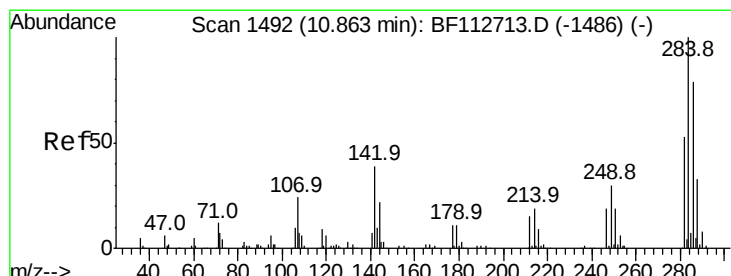
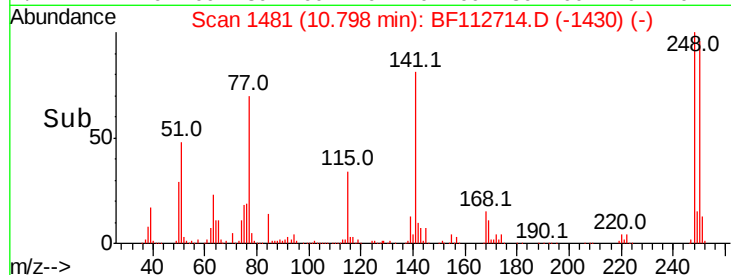
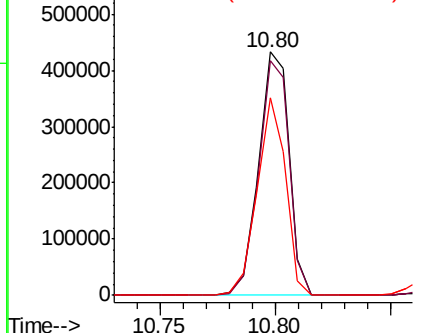
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.4  | 77.5  | 116.3 |
| 141     | 81.1  | 62.4  | 93.6  |

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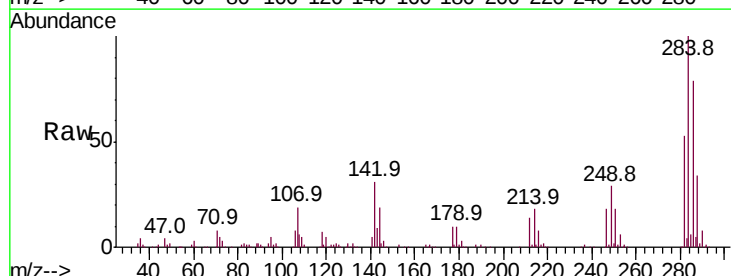


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

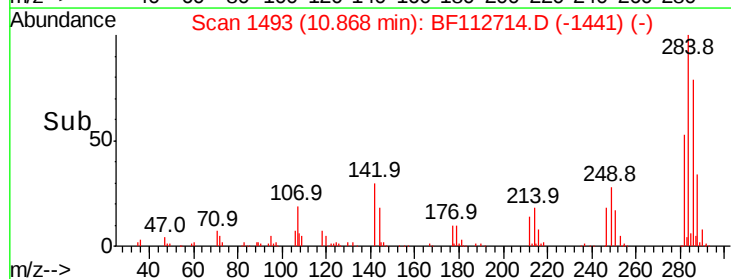
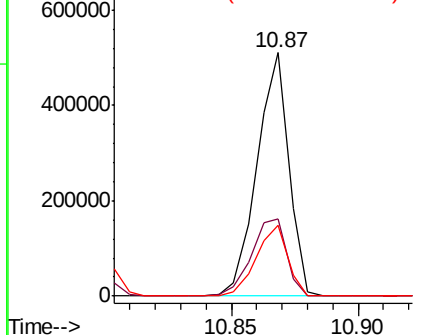


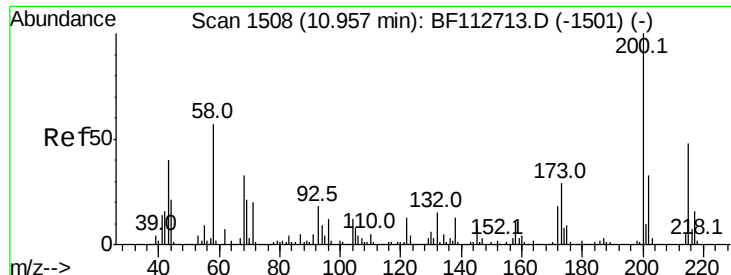
#68  
 Hexachlorobenzene  
 Concen: 44.889 ng  
 RT: 10.87 min Scan# 1493  
 Delta R.T. 0.01 min  
 Lab File: BF112714.D  
 Acq: 27 Feb 2019 12:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 31.5  | 31.0  | 46.6  |
| 249     | 29.0  | 23.6  | 35.4  |



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





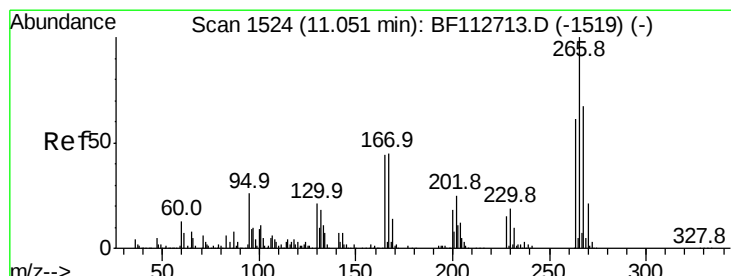
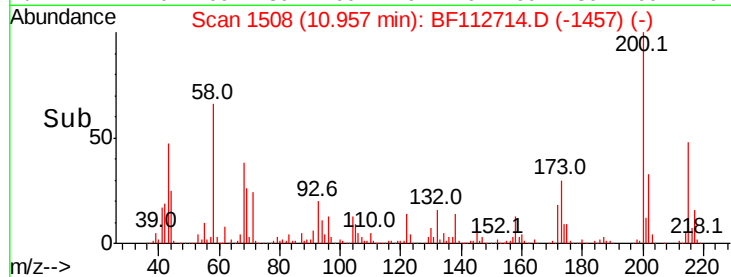
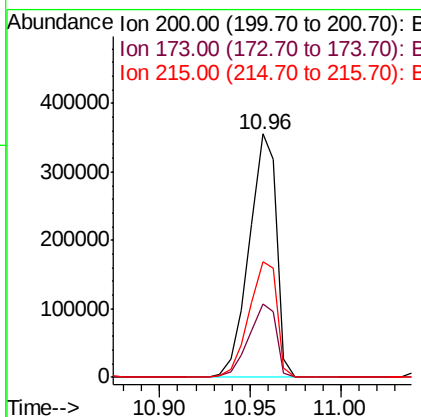
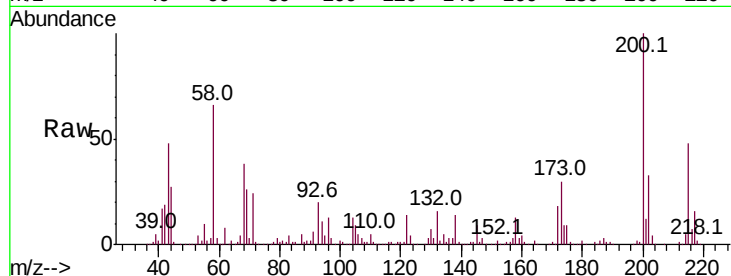
#69  
Atrazine  
Concen: 43.160 ng  
RT: 10.96 min Scan# 1508  
Delta R.T. -0.00 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 371994 |       |       |
| 173     | 29.9  | 9.1    | 49.1  |       |
| 215     | 47.6  | 28.2   | 68.2  |       |

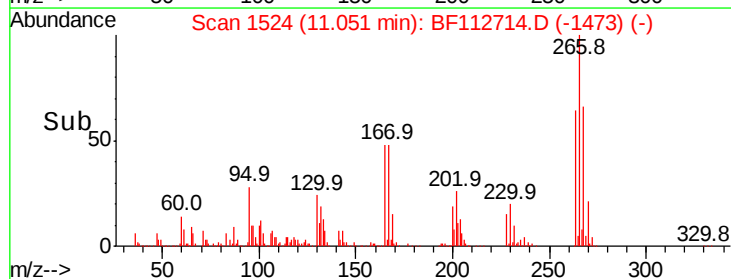
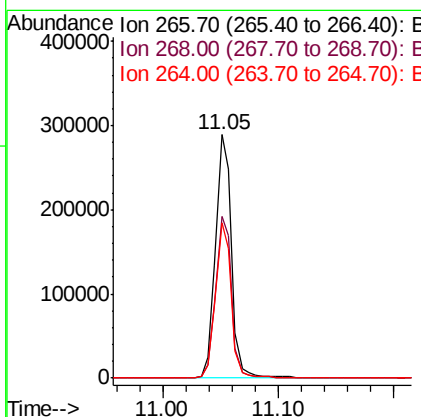
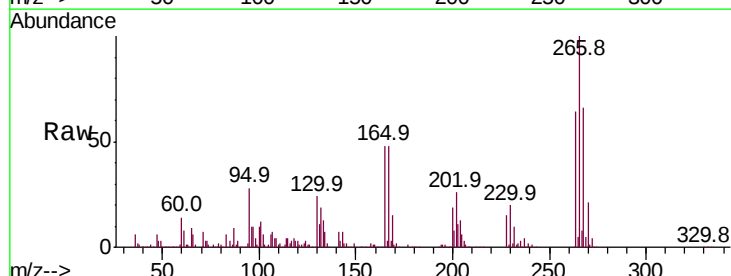
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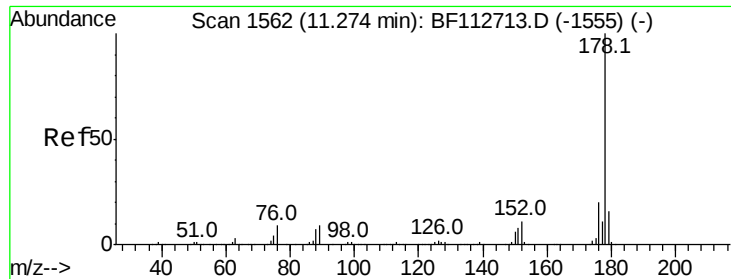
Sohil  
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#70  
Pentachlorophenol  
Concen: 71.581 ng  
RT: 11.05 min Scan# 1524  
Delta R.T. -0.00 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 278550 |       |       |
| 268     | 66.3  | 53.3   | 79.9  |       |
| 264     | 63.7  | 48.9   | 73.3  |       |





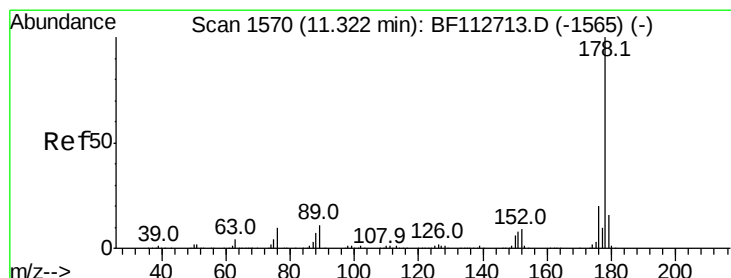
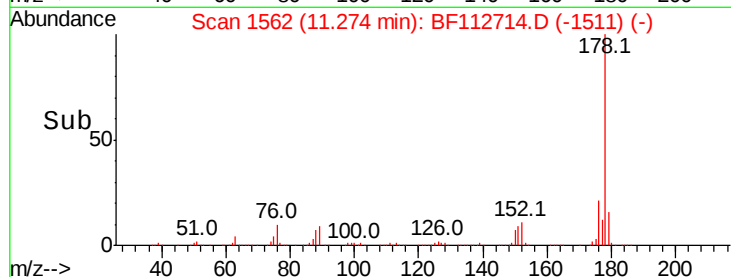
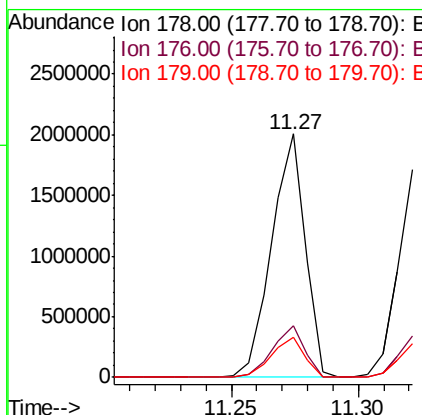
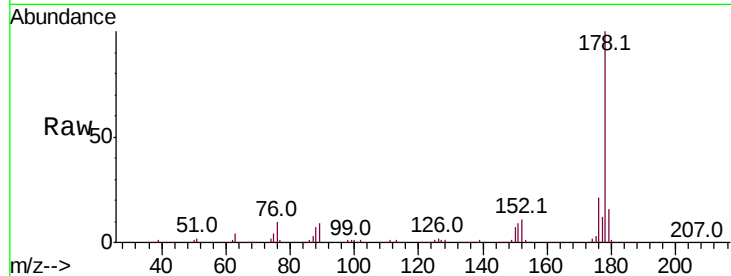
#71  
Phenanthrene  
Concen: 45.325 ng  
RT: 11.27 min Scan# 1562  
Delta R.T. -0.00 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

Tot Ion:178 Resp: 1867556  
Ion Ratio Lower Upper  
178 100  
176 21.0 16.3 24.5  
179 16.4 12.7 19.1

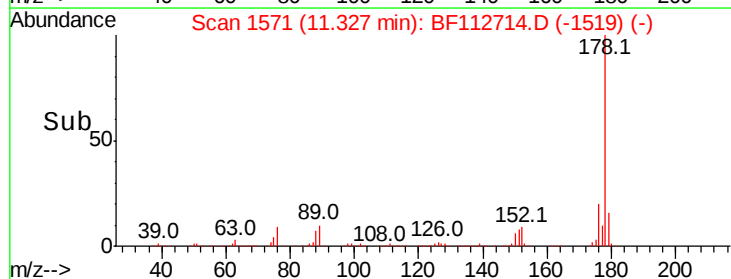
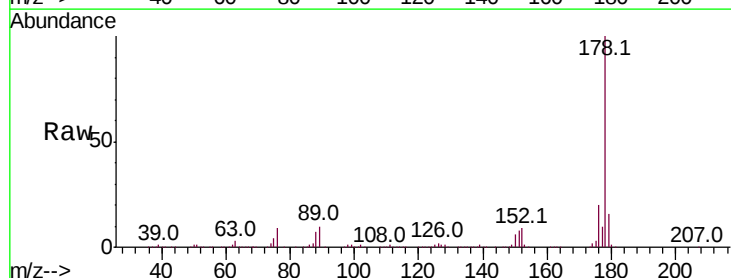
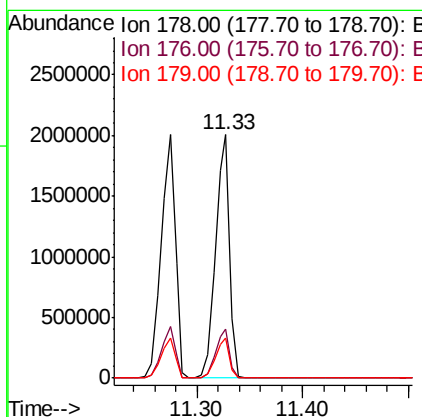
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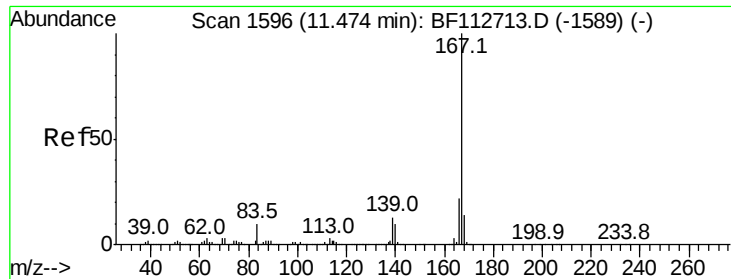
Sohil  
2/28/2019 12:46:51 PM



#72  
Anthracene  
Concen: 45.861 ng  
RT: 11.33 min Scan# 1571  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Tgt Ion:178 Resp: 1882342  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.8 23.6  
179 16.3 13.0 19.6





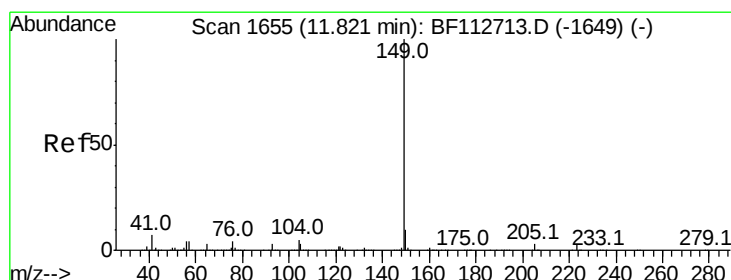
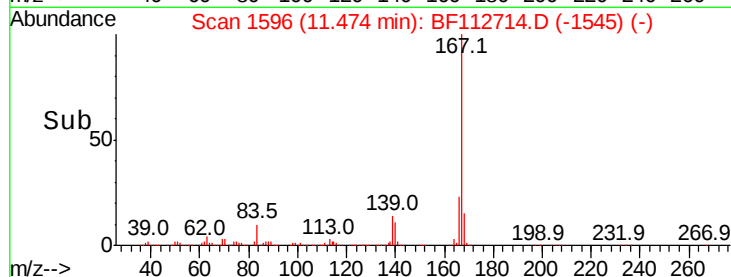
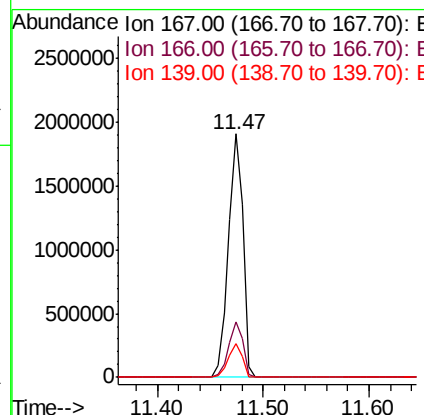
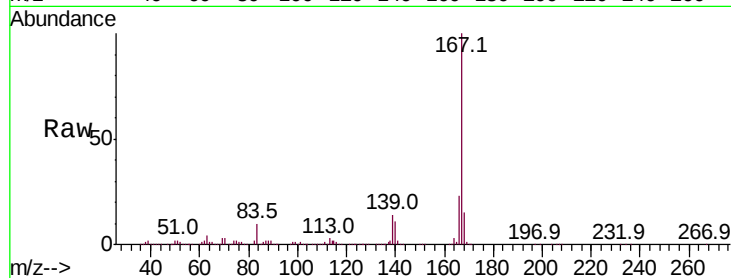
#73  
 Carbazole  
 Concen: 45.534 ng  
 RT: 11.47 min Scan# 1596  
 Delta R.T. -0.00 min  
 Lab File: BF112714.D  
 Acq: 27 Feb 2019 12:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.6  | 17.5  | 26.3  |
| 139     | 14.0  | 10.8  | 16.2  |

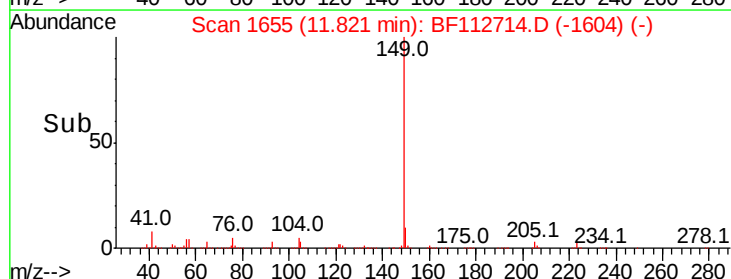
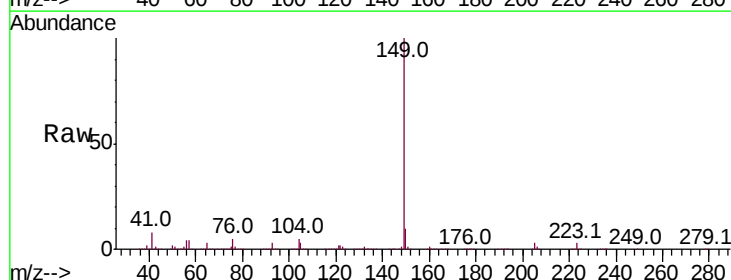
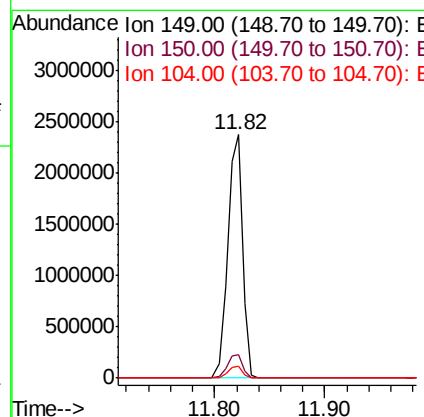
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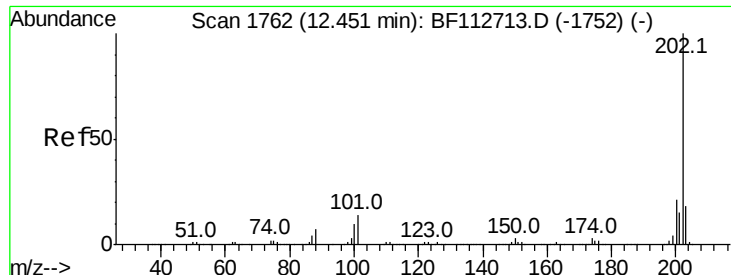
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#74  
 Di-n-butylphthalate  
 Concen: 44.261 ng  
 RT: 11.82 min Scan# 1655  
 Delta R.T. -0.00 min  
 Lab File: BF112714.D  
 Acq: 27 Feb 2019 12:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.7   | 7.6   | 11.4  |
| 104     | 4.9   | 3.7   | 5.5   |





#75

Fluoranthene

Concen: 45.321 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

Instrument :

BNA\_F

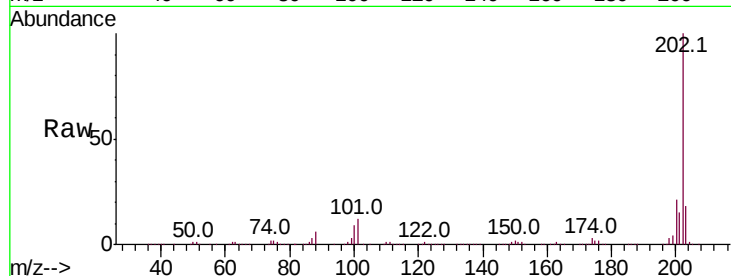
ClientSampleId :

SSTDICC050

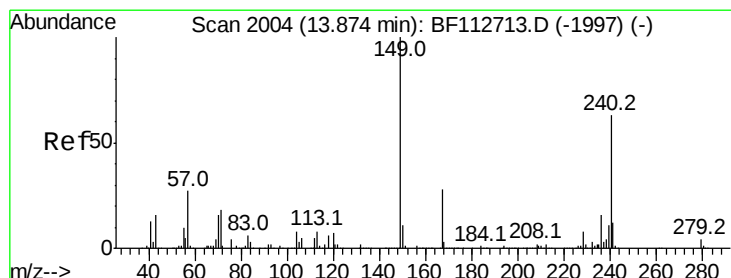
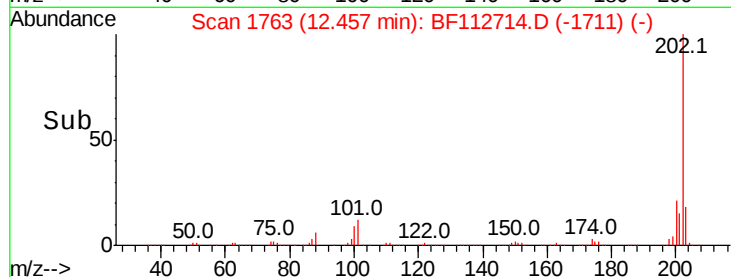
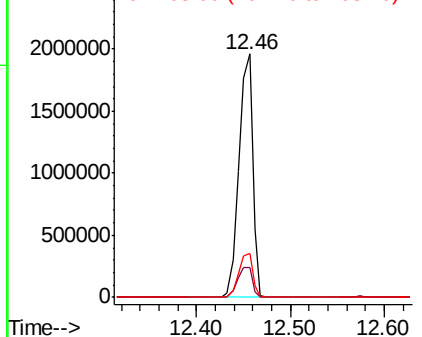
|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 202   | Resp: | 2002900 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 12.1  | 0.0   | 33.8    |
| 203       | 18.2  | 0.0   | 38.4    |

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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

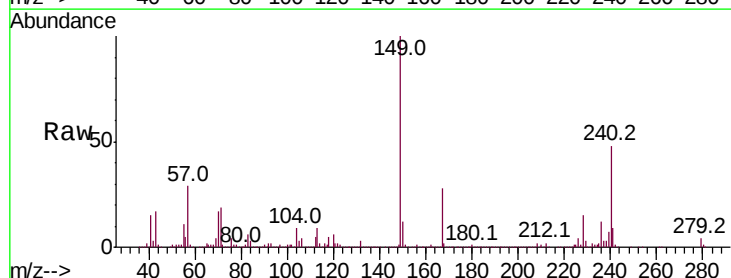
RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

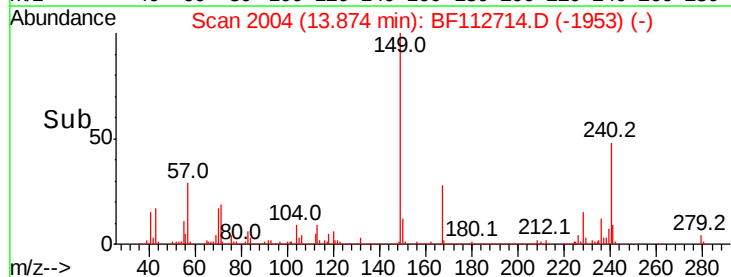
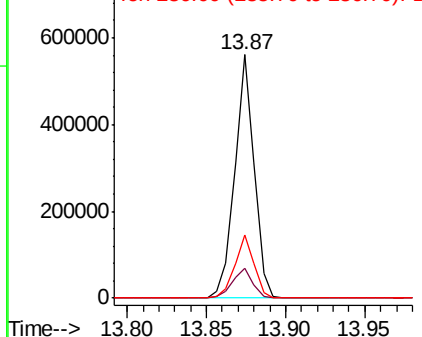
Lab File: BF112714.D

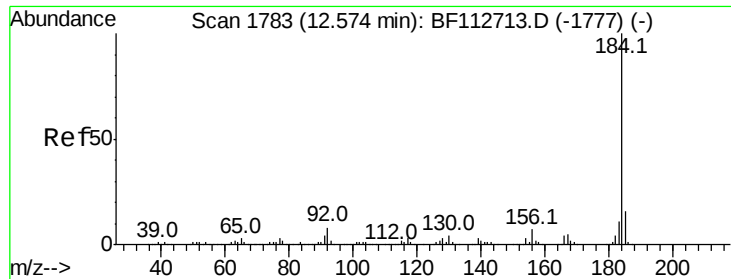
Acq: 27 Feb 2019 12:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 477767 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 12.0  | 8.9   | 13.3   |
| 236       | 26.0  | 20.7  | 31.1   |



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: 96.621 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:184 Resp: 1270550

Ion Ratio Lower Upper

184 100

185 17.5 12.6 18.8

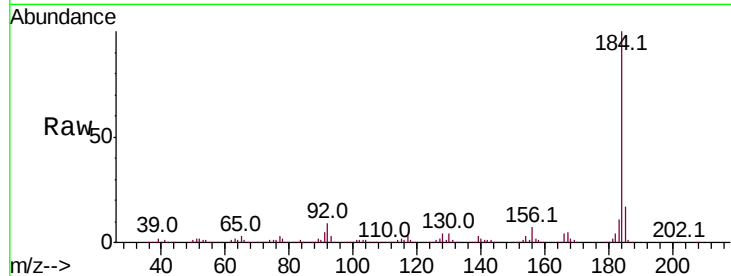
183 11.1 8.6 12.8

Manual Integrations

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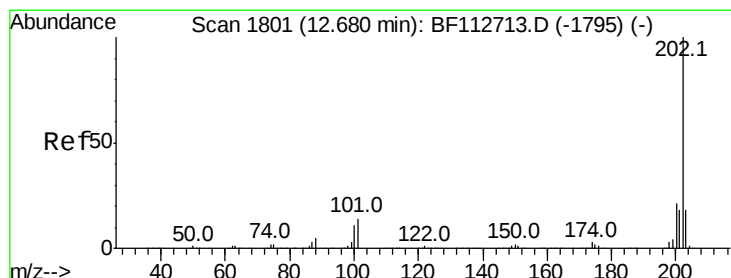
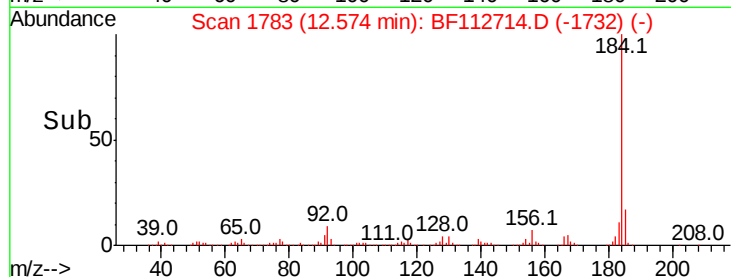
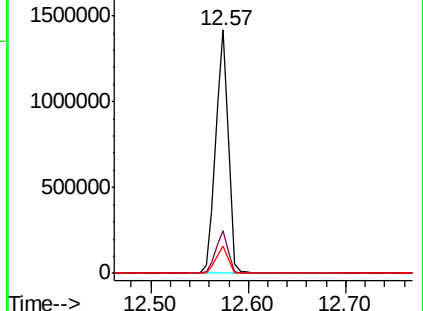
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 61.738 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

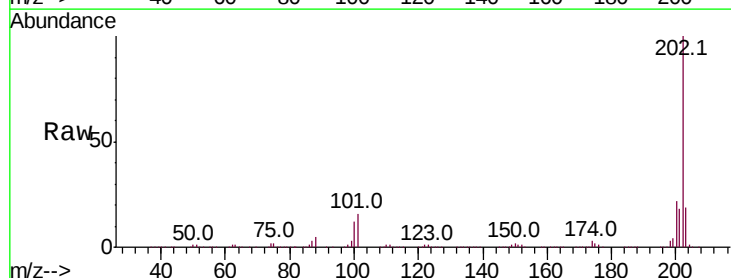
Tgt Ion:202 Resp: 2042169

Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.4

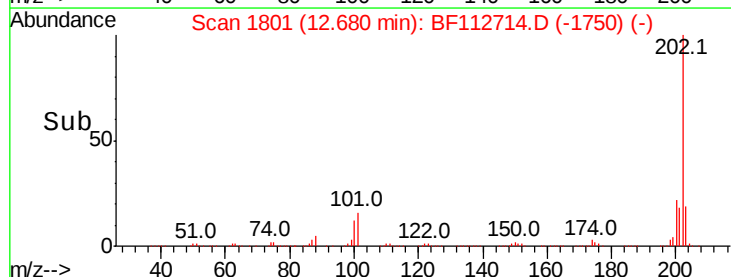
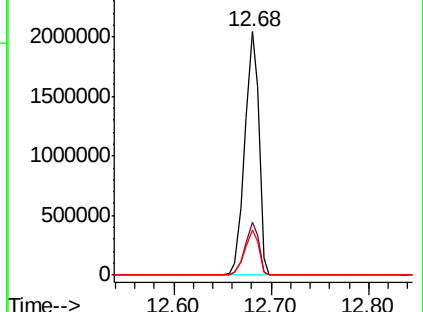
203 18.5 14.4 21.6

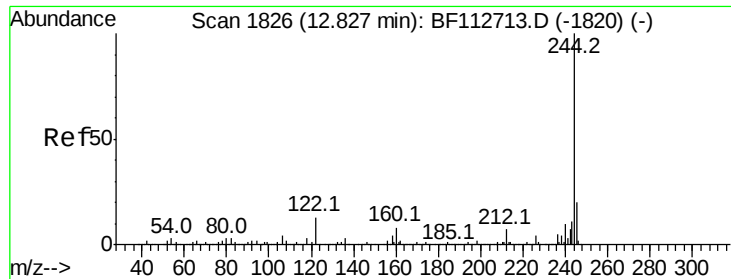


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





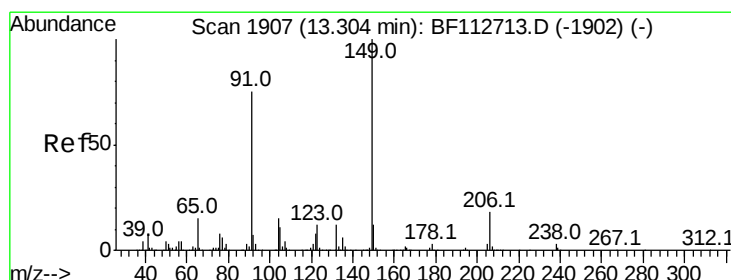
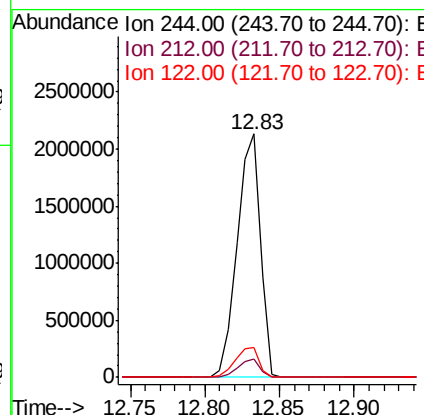
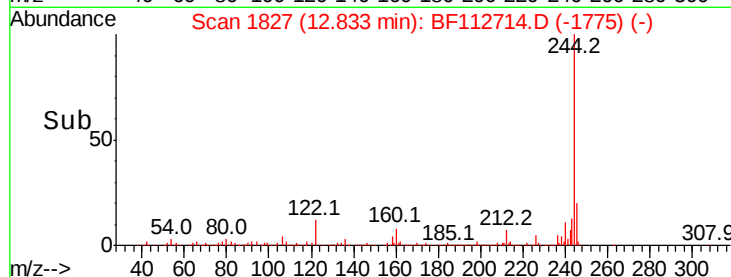
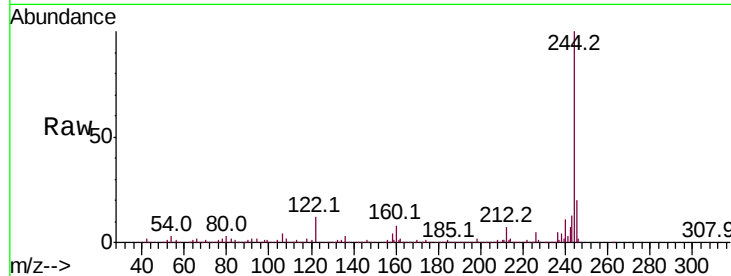
#79  
 Terphenyl-d14  
 Concen: 92.114 ng  
 RT: 12.83 min Scan# 1827  
 Delta R.T. 0.01 min  
 Lab File: BF112714.D  
 Acq: 27 Feb 2019 12:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.3   | 5.6   | 8.4   |
| 122     | 12.2  | 10.5  | 15.7  |

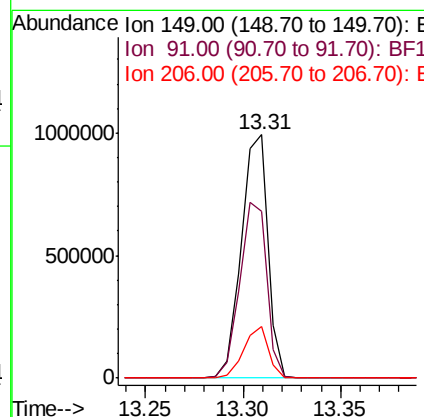
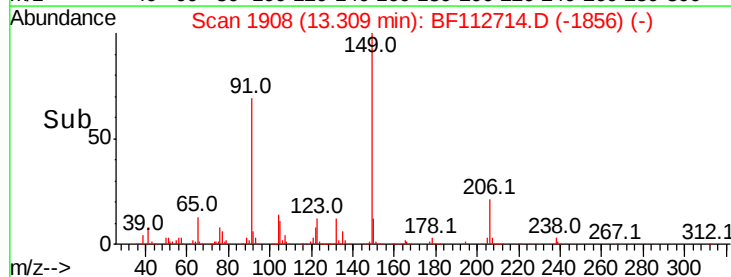
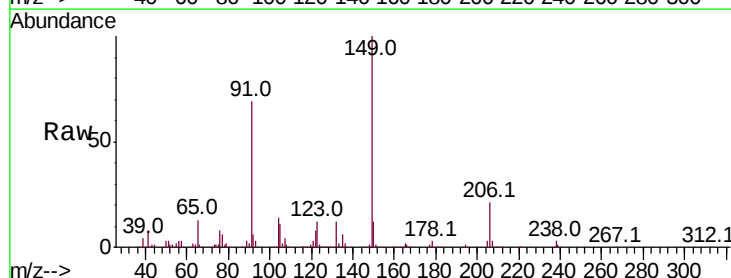
Manual Integrations  
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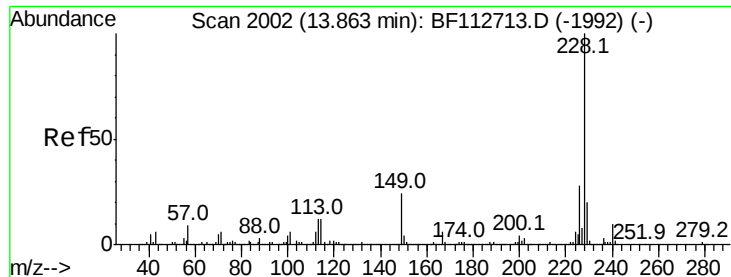
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 2/28/2019 12:46:51 PM



#80  
 Butylbenzylphthalate  
 Concen: 58.509 ng  
 RT: 13.31 min Scan# 1908  
 Delta R.T. 0.01 min  
 Lab File: BF112714.D  
 Acq: 27 Feb 2019 12:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 68.6  | 59.9  | 89.9  |
| 206     | 21.0  | 14.7  | 22.1  |





#81

Benzo(a)anthracene

Concen: 58.848 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

Instrument :

BNA\_F

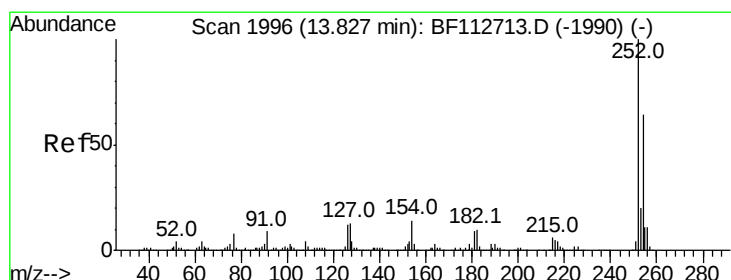
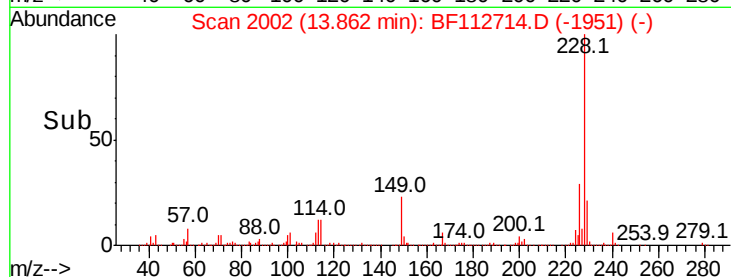
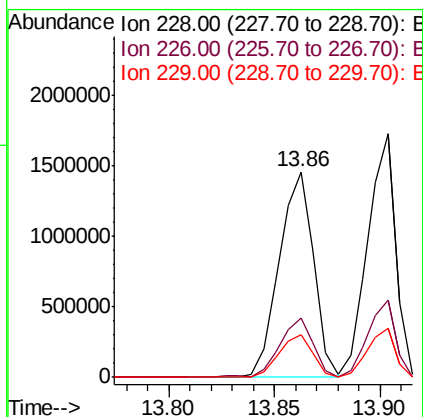
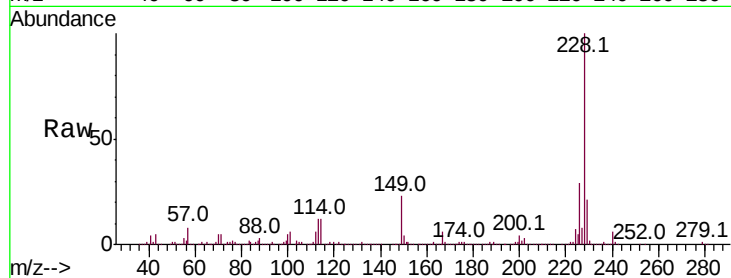
ClientSampleId :

SSTDICC050

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 228   | Resp: | 1652793 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 28.6  | 22.2  | 33.4    |
| 229      | 20.7  | 16.0  | 24.0    |

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2/28/2019 12:46:51 PM



#82

3,3'-Dichlorobenzidine

Concen: 60.871 ng

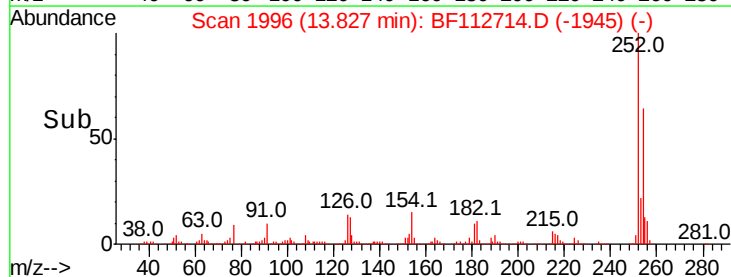
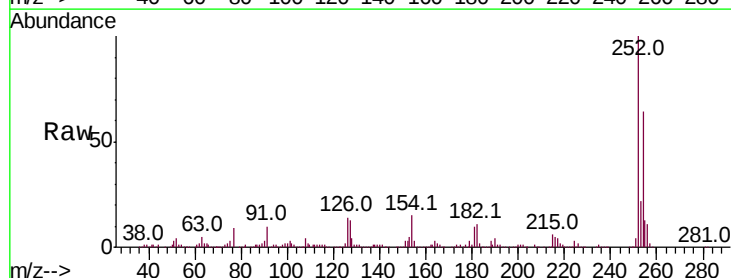
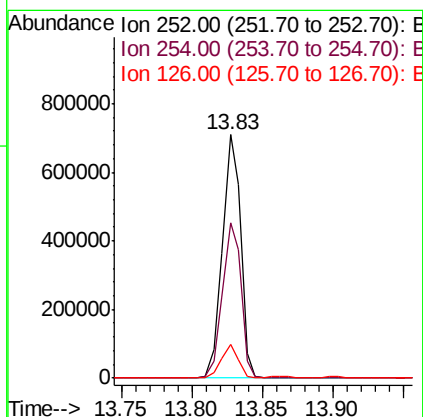
RT: 13.83 min Scan# 1996

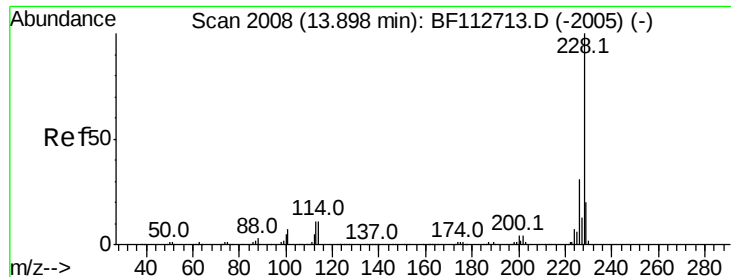
Delta R.T. -0.00 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 639811 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 64.0  | 51.1  | 76.7   |
| 126      | 13.6  | 9.9   | 14.9   |





#83

Chrysene

Concen: 59.618 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

Instrument :

BNA\_F

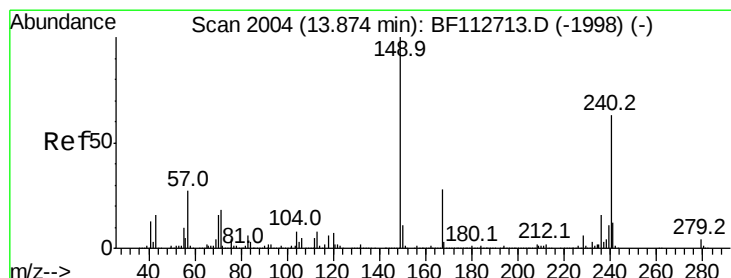
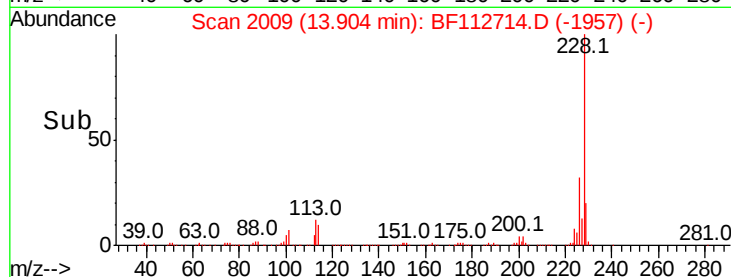
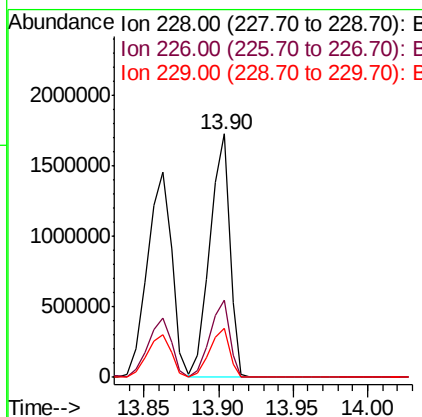
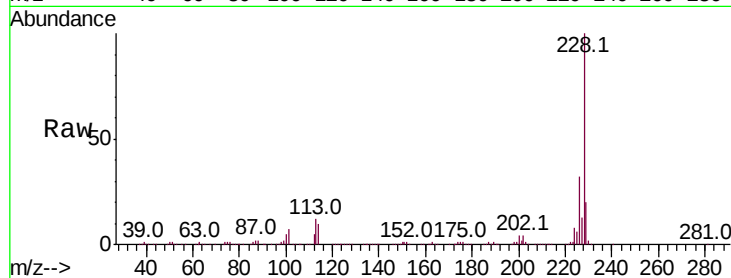
ClientSampleId :

SSTDICC050

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 228   | Resp: | 1598307 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 31.8  | 24.9  | 37.3    |
| 229      | 20.4  | 16.3  | 24.5    |

Manual Integrations  
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#84

Bis(2-ethylhexyl)phthalate

Concen: 47.254 ng

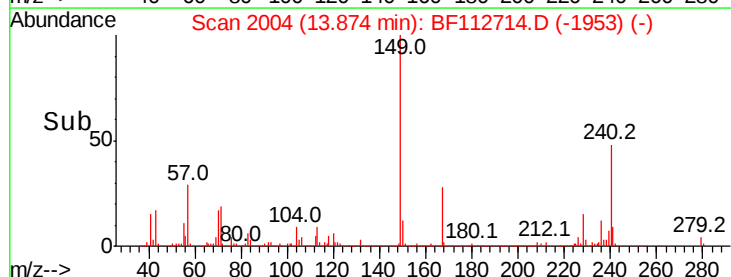
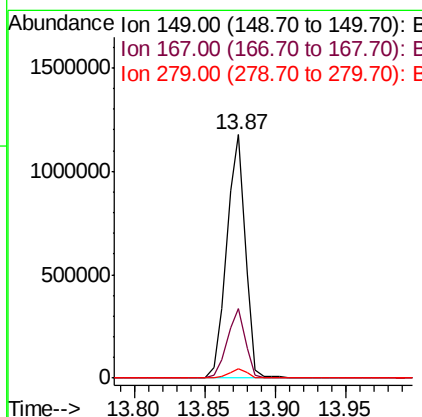
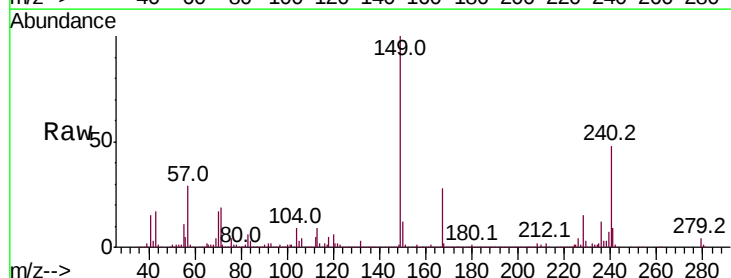
RT: 13.87 min Scan# 2004

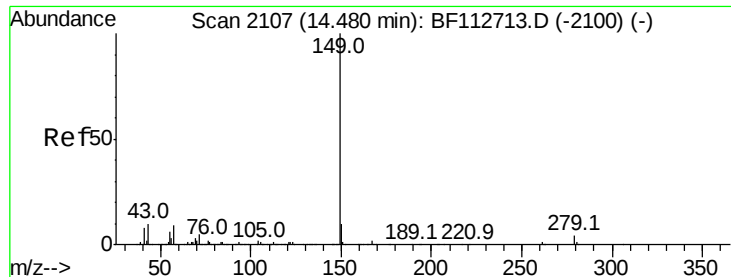
Delta R.T. -0.00 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1073476 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 167      | 28.3  | 22.4  | 33.6    |
| 279      | 3.9   | 3.3   | 4.9     |





#85

Di-n-octyl phthalate

Concen: 52.788 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

Instrument :

BNA\_F

ClientSampled :

SSTDIC050

Tot Ion:149 Resp: 1844998

Ion Ratio Lower Upper

149 100

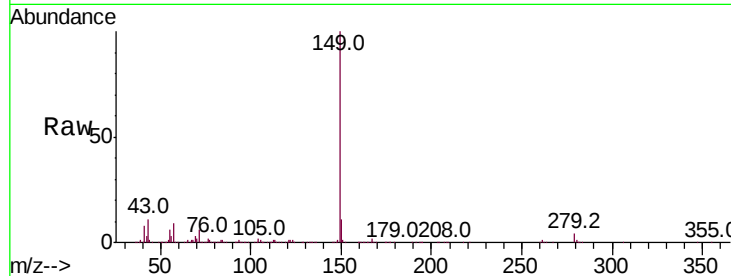
167 1.5 1.2 1.8

43 11.0 9.0 13.4

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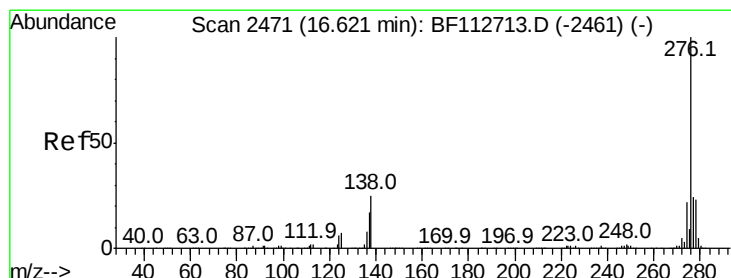
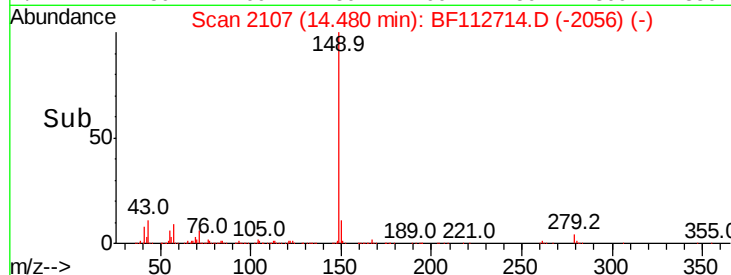
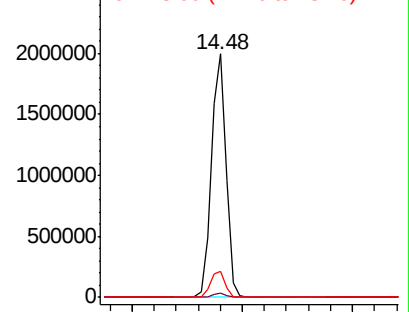
2/28/2019 12:46:51 PM



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: 61.330 ng

RT: 16.63 min Scan# 2472

Delta R.T. 0.01 min

Lab File: BF112714.D

Acq: 27 Feb 2019 12:11

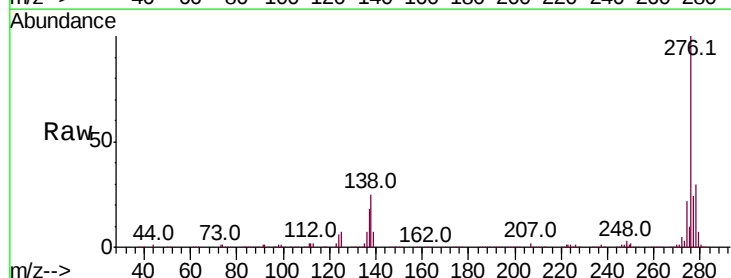
Tgt Ion:276 Resp: 1302830

Ion Ratio Lower Upper

276 100

138 28.3 23.2 34.8

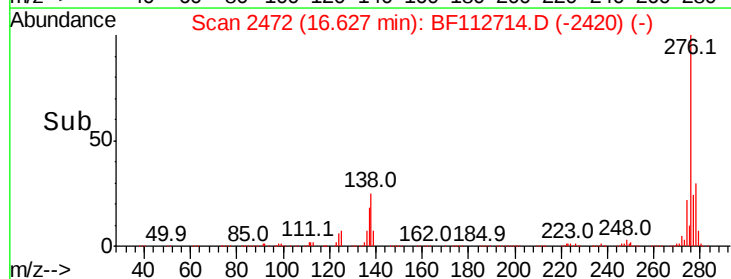
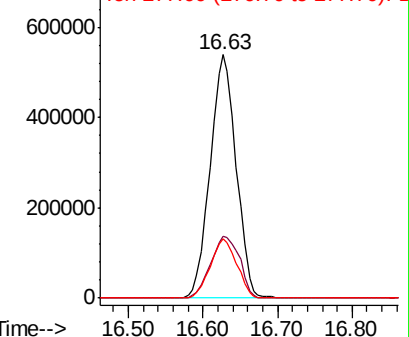
277 25.0 19.9 29.9

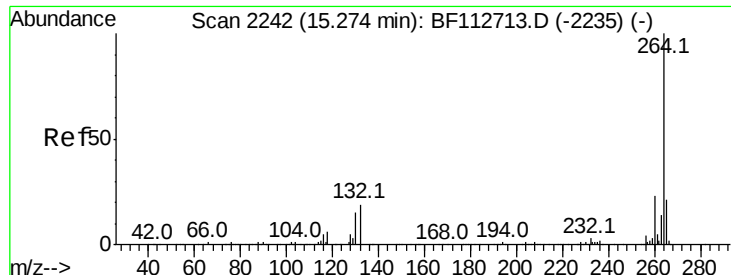


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





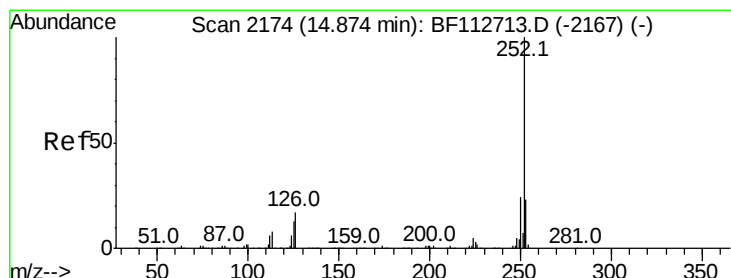
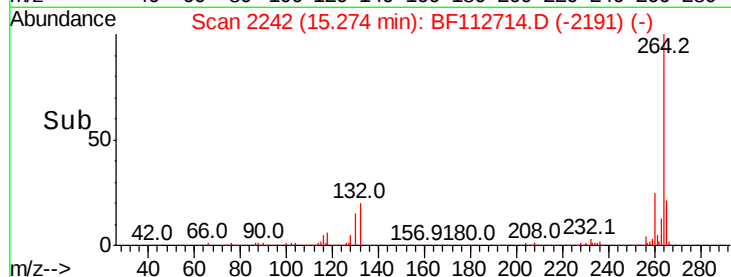
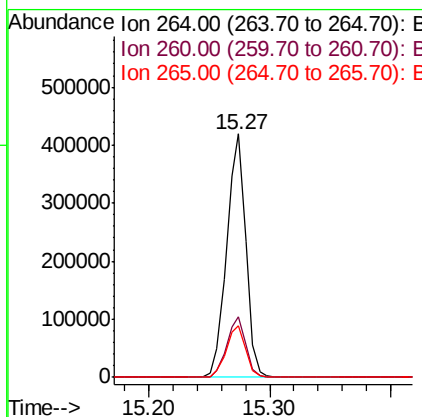
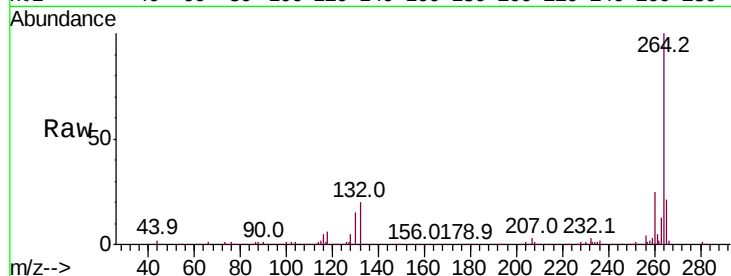
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.27 min Scan# 2242  
Delta R.T. -0.00 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampled :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.9  | 18.7  | 28.1  |
| 265     | 21.4  | 17.2  | 25.8  |

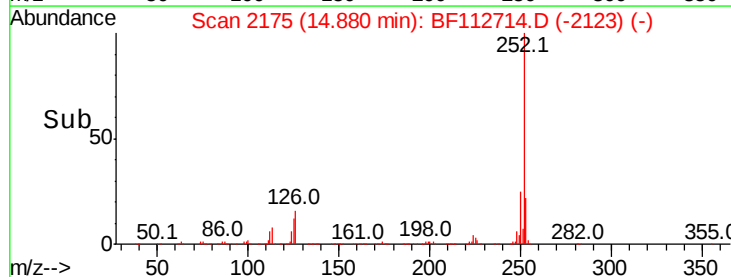
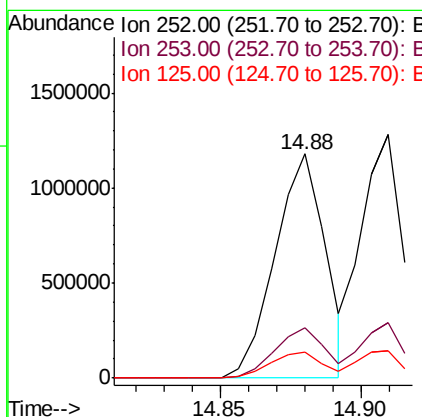
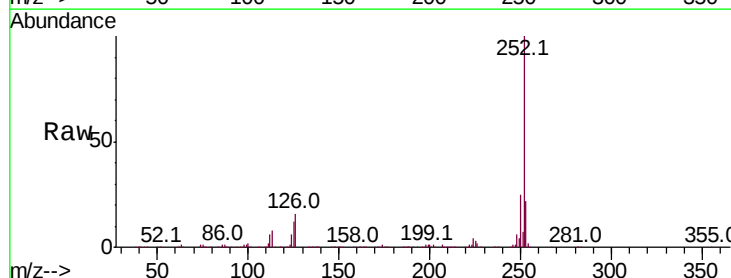
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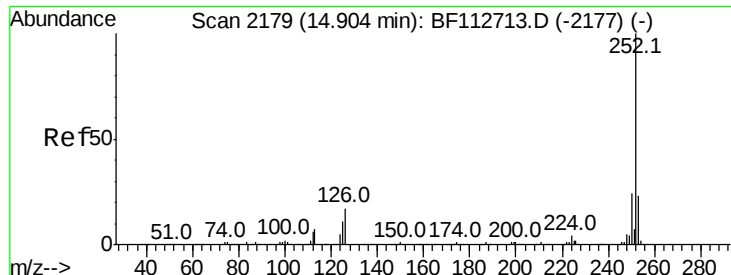
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#88  
Benzo(b)fluoranthene  
Concen: 53.055 ng  
RT: 14.88 min Scan# 2175  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 18.0  | 27.0  |
| 125     | 11.7  | 10.2  | 15.2  |





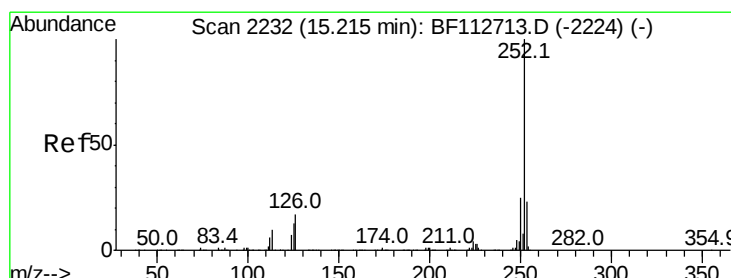
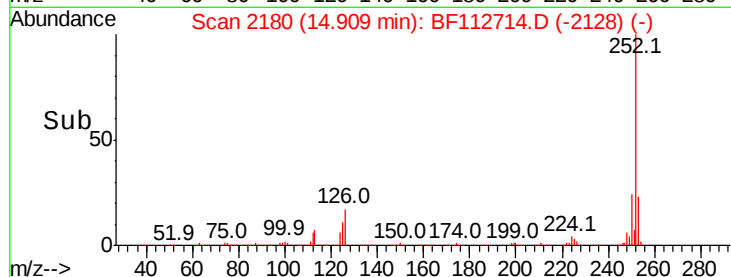
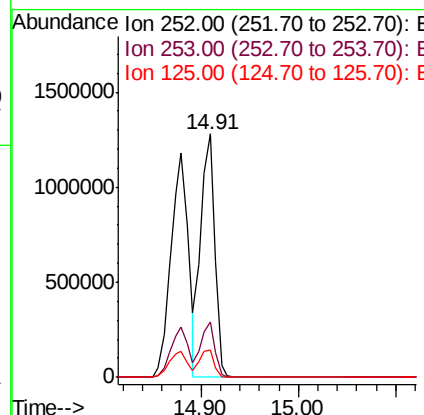
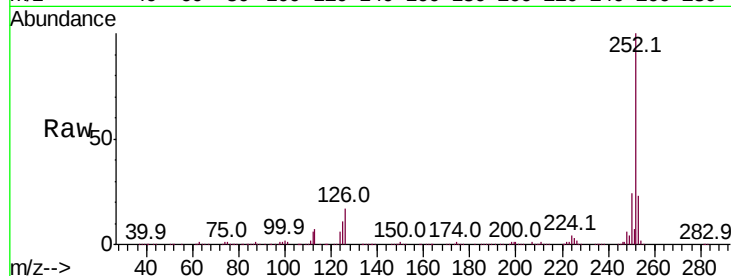
#89  
Benzo(k)fluoranthene  
Concen: 49.016 ng  
RT: 14.91 min Scan# 2180  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 18.2  | 27.2  |
| 125     | 11.3  | 9.8   | 14.6  |

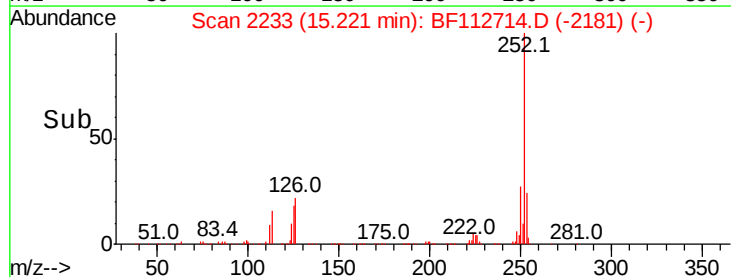
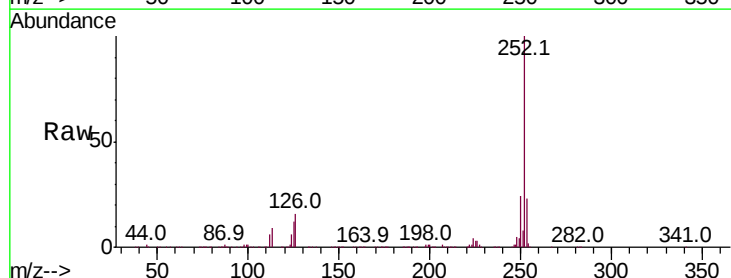
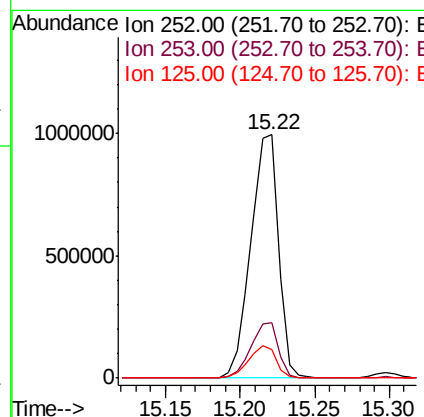
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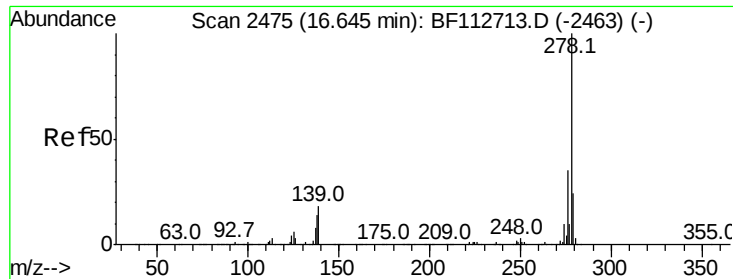
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#90  
Benzo(a)pyrene  
Concen: 51.482 ng  
RT: 15.22 min Scan# 2233  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 18.0  | 27.0  |
| 125     | 11.8  | 10.7  | 16.1  |





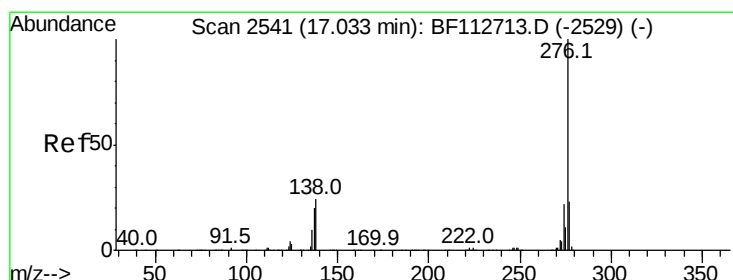
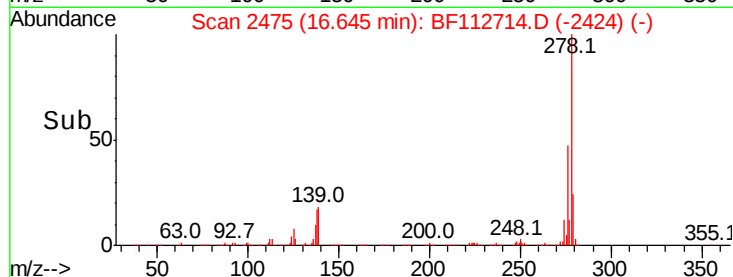
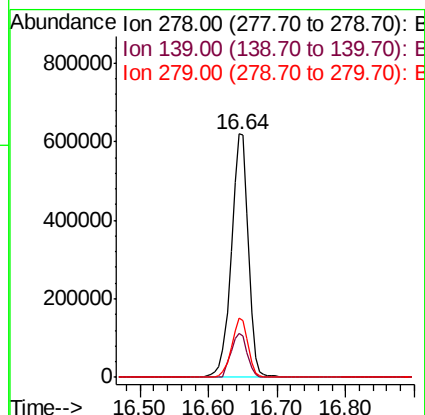
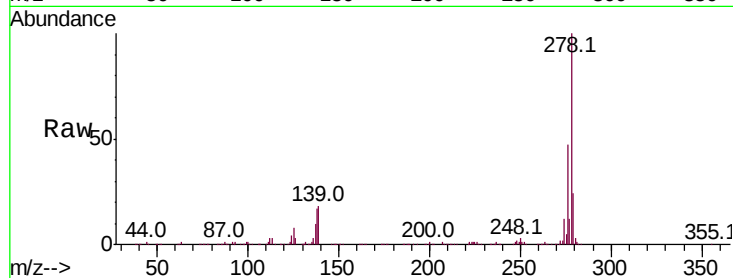
#91  
Dibenzo(a,h)anthracene  
Concen: 53.446 ng  
RT: 16.64 min Scan# 2475  
Delta R.T. -0.00 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.2  | 14.3  | 21.5  |
| 279     | 24.3  | 19.4  | 29.0  |

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#92  
Benzo(g,h,i)perylene  
Concen: 57.048 ng  
RT: 17.04 min Scan# 2542  
Delta R.T. 0.01 min  
Lab File: BF112714.D  
Acq: 27 Feb 2019 12:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.7  | 18.6  | 27.8  |
| 138     | 23.0  | 19.4  | 29.0  |

