

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\  
 Data File : BF113811.D  
 Acq On : 18 Apr 2019 9:04  
 Operator : JU/SJ  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

Sohil  
 4/23/2019 8:16:31 AM

Quant Time: Apr 18 13:01:16 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 18 12:50:58 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.90  | 152  | 183635   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.18  | 136  | 724807   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.93  | 164  | 372472   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.41 | 188  | 715940   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.04 | 240  | 582312   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.51 | 264  | 447861   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.51  | 112 | 898671  | 83.45 | ng | 0.00 |
| 7) Phenol-d6             | 6.52  | 99  | 1121785 | 84.52 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.46  | 82  | 970036  | 78.39 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.72 | 330 | 337197  | 75.36 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.25  | 172 | 1864341 | 80.58 | ng | 0.00 |
| 79) Terphenyl-d14        | 13.00 | 244 | 2204216 | 77.07 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.70 | 88  | 218838  | 42.906 | ng | 100    |
| 3) Pyridine                    | 3.45 | 79  | 598301  | 44.824 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.40 | 42  | 211901  | 37.364 | ng | 100    |
| 6) Aniline                     | 6.56 | 93  | 790574  | 49.140 | ng | 100    |
| 8) 2-Chlorophenol              | 6.68 | 128 | 508859  | 40.841 | ng | 100    |
| 9) Benzaldehyde                | 6.44 | 77  | 321329  | 40.716 | ng | 100    |
| 10) Phenol                     | 6.53 | 94  | 627119  | 41.370 | ng | 100    |
| 11) bis(2-Chloroethyl)ether    | 6.63 | 93  | 507019  | 42.997 | ng | 100    |
| 12) 1,3-Dichlorobenzene        | 6.84 | 146 | 559979  | 41.734 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 6.92 | 146 | 558746  | 41.208 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146 | 519091  | 42.413 | ng | 100    |
| 15) Benzyl Alcohol             | 7.03 | 79  | 454964  | 50.696 | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45  | 613540  | 33.427 | ng | 100    |
| 17) 2-Methylphenol             | 7.14 | 107 | 406669  | 42.117 | ng | 100    |
| 18) Hexachloroethane           | 7.42 | 117 | 199598  | 40.442 | ng | 100    |
| 19) n-Nitroso-di-n-propylamine | 7.31 | 70  | 366719  | 44.806 | ng | 100    |
| 20) 3+4-Methylphenols          | 7.29 | 107 | 500311  | 42.764 | ng | 100    |
| 22) Acetophenone               | 7.30 | 105 | 670835  | 42.140 | ng | 100    |
| 24) Nitrobenzene               | 7.47 | 77  | 546611  | 42.895 | ng | 100    |
| 25) Isophorone                 | 7.72 | 82  | 979452  | 41.090 | ng | 100    |
| 26) 2-Nitrophenol              | 7.79 | 139 | 213948  | 31.195 | ng | 100    |
| 27) 2,4-Dimethylphenol         | 7.82 | 122 | 411834  | 42.003 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.92 | 93  | 628715  | 41.719 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 8.03 | 162 | 438798  | 41.828 | ng | 100    |
| 30) 1,2,4-Trichlorobenzene     | 8.12 | 180 | 486077  | 42.667 | ng | 100    |
| 31) Naphthalene                | 8.20 | 128 | 1405400 | 40.019 | ng | 100    |
| 32) Benzoic acid               | 7.93 | 122 | 248507m | 32.731 | ng |        |
| 33) 4-Chloroaniline            | 8.24 | 127 | 586209  | 42.097 | ng | 100    |
| 34) Hexachlorobutadiene        | 8.32 | 225 | 299301  | 43.093 | ng | 100    |
| 35) Caprolactam                | 8.61 | 113 | 140767  | 42.271 | ng | 100    |
| 36) 4-Chloro-3-methylphenol    | 8.72 | 107 | 433611  | 41.175 | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.89 | 142 | 926539  | 40.114 | ng | 100    |
| 38) 1-Methylnaphthalene        | 8.99 | 142 | 903267  | 40.556 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 479870  | 39.836 | ng | 100    |

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 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

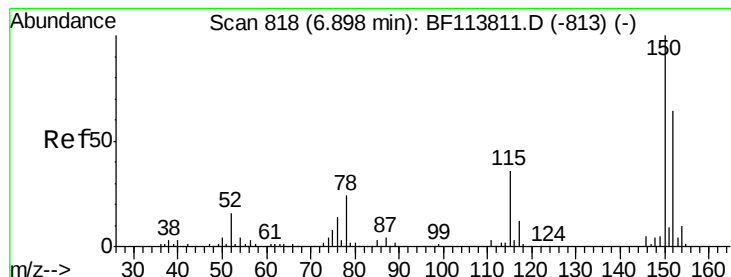
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 4/23/2019 8:16:31 AM

Quant Time: Apr 18 13:01:16 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 18 12:50:58 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.05  | 237  | 265220   | 74.116 | nq    | 100      |
| 43) 2,4,6-Trichlorophenol      | 9.16  | 196  | 303216   | 39.877 | nq    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.20  | 196  | 334224   | 40.942 | nq    | 100      |
| 46) 1,1'-Biphenyl              | 9.35  | 154  | 1151284  | 37.457 | nq    | 100      |
| 47) 2-Chloronaphthalene        | 9.38  | 162  | 934892   | 40.174 | nq    | 100      |
| 48) 2-Nitroaniline             | 9.46  | 65   | 246256   | 34.583 | nq    | 100      |
| 49) Acenaphthylene             | 9.79  | 152  | 1474684  | 38.970 | nq    | 100      |
| 50) Dimethylphthalate          | 9.65  | 163  | 1059879  | 38.603 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.71  | 165  | 233065   | 38.510 | nq    | 100      |
| 52) Acenaphthene               | 9.97  | 154  | 854546   | 39.450 | nq    | 100      |
| 53) 3-Nitroaniline             | 9.87  | 138  | 248153   | 36.064 | nq    | 100      |
| 54) 2,4-Dinitrophenol          | 9.97  | 184  | 66731    | 23.568 | nq    | 100      |
| 55) Dibenzofuran               | 10.14 | 168  | 1293041  | 40.693 | nq    | 100      |
| 56) 4-Nitrophenol              | 10.02 | 139  | 204385   | 47.883 | nq    | 100      |
| 57) 2,4-Dinitrotoluene         | 10.11 | 165  | 291669   | 39.848 | nq    | 100      |
| 58) Fluorene                   | 10.48 | 166  | 956136   | 38.045 | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.25 | 232  | 285622   | 40.421 | nq    | 100      |
| 60) Diethylphthalate           | 10.35 | 149  | 1006845  | 38.035 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.47 | 204  | 497087   | 40.212 | nq    | 100      |
| 62) 4-Nitroaniline             | 10.49 | 138  | 234328   | 33.489 | nq    | 100      |
| 63) Azobenzene                 | 10.63 | 77   | 1046916  | 41.769 | nq    | 100      |
| 65) 4,6-Dinitro-2-methylphenol | 10.52 | 198  | 109256   | 28.987 | nq    | 100      |
| 66) n-Nitrosodiphenylamine     | 10.59 | 169  | 874197   | 39.774 | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.96 | 248  | 342871   | 42.701 | nq    | 100      |
| 68) Hexachlorobenzene          | 11.03 | 284  | 377285   | 41.007 | nq    | 100      |
| 69) Atrazine                   | 11.11 | 200  | 279732   | 40.379 | nq    | 100      |
| 70) Pentachlorophenol          | 11.22 | 266  | 211395   | 48.761 | nq    | 100      |
| 71) Phenanthrene               | 11.44 | 178  | 1489835  | 41.878 | nq    | 100      |
| 72) Anthracene                 | 11.49 | 178  | 1497125  | 41.362 | nq    | 100      |
| 73) Carbazole                  | 11.64 | 167  | 1363181  | 40.268 | nq    | 100      |
| 74) Di-n-butylphthalate        | 11.97 | 149  | 1521807  | 37.789 | nq    | 100      |
| 75) Fluoranthene               | 12.62 | 202  | 1596136  | 41.869 | nq    | 100      |
| 77) Benzidine                  | 12.73 | 184  | 747563   | 34.523 | nq    | 100      |
| 78) Pyrene                     | 12.85 | 202  | 1615720  | 36.466 | nq    | 100      |
| 80) Butylbenzylphthalate       | 13.47 | 149  | 600825   | 33.313 | nq    | 100      |
| 81) Benzo(a)anthracene         | 14.04 | 228  | 1371908  | 40.842 | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.99 | 252  | 508573   | 39.308 | nq    | 100      |
| 83) Chrysene                   | 14.07 | 228  | 1362672  | 40.018 | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 14.03 | 149  | 724271   | 33.214 | nq    | 100      |
| 85) Di-n-octyl phthalate       | 14.64 | 149  | 1137310  | 32.086 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.98 | 276  | 991244   | 31.529 | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 15.09 | 252  | 1162749  | 42.413 | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 15.12 | 252  | 1052172  | 42.764 | nq    | 100      |
| 90) Benzo(a)pyrene             | 15.45 | 252  | 995223   | 40.854 | nq    | 100      |
| 91) Dibenzo(a,h)anthracene     | 17.00 | 278  | 822687   | 36.113 | nq    | 100      |
| 92) Benzo(g,h,i)perylene       | 17.43 | 276  | 810325   | 34.849 | nq    | 100      |

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





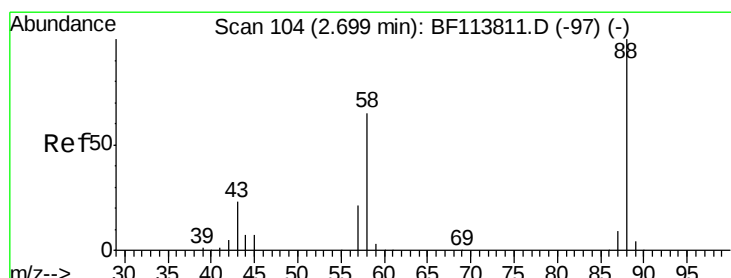
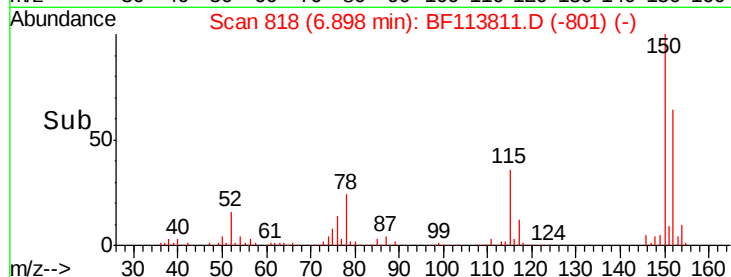
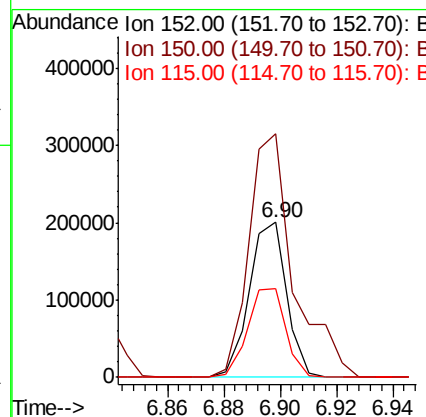
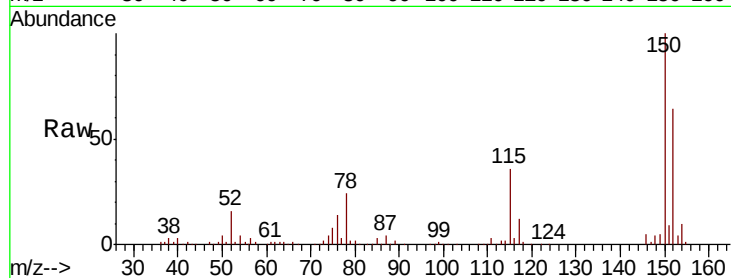
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 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.90 min Scan# 818  
 Delta R.T. 0.00 min  
 Lab File: BF113811.D  
 Acq: 18 Apr 2019 9:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.4 | 125.9 | 188.9 |
| 115     | 57.4  | 45.9  | 68.9  |

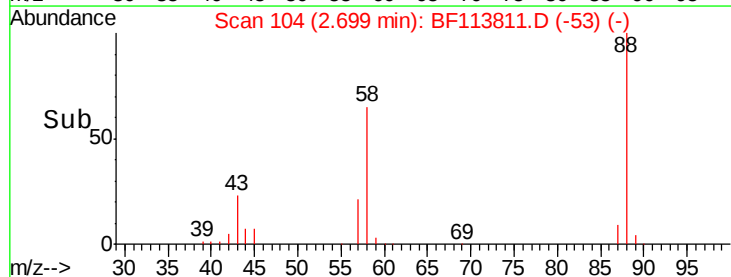
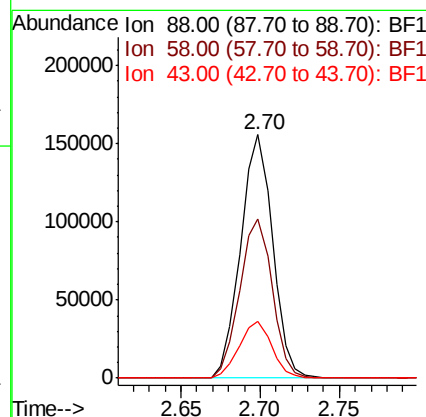
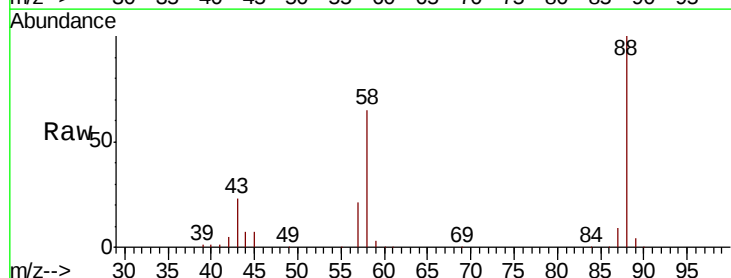
Manual Integrations  
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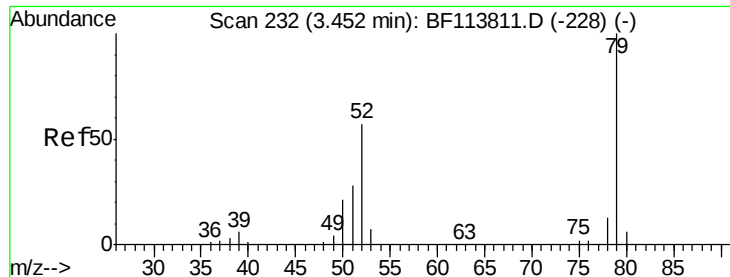
Sohil  
 4/23/2019 8:16:31 AM



#2  
 1,4-Dioxane  
 Concen: 42.906 ng  
 RT: 2.70 min Scan# 104  
 Delta R.T. 0.00 min  
 Lab File: BF113811.D  
 Acq: 18 Apr 2019 9:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 66.6  | 53.3  | 79.9  |
| 43      | 23.7  | 19.0  | 28.4  |





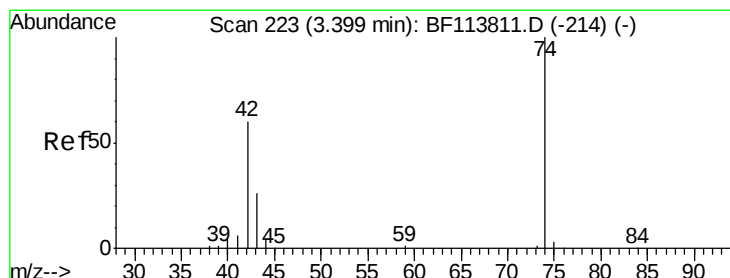
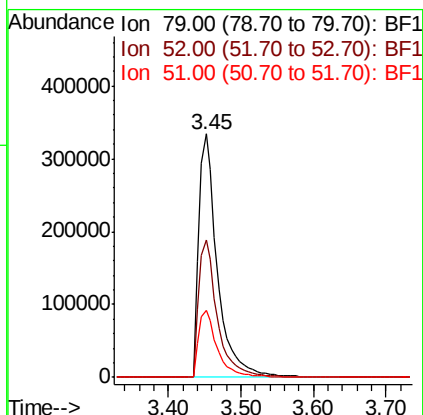
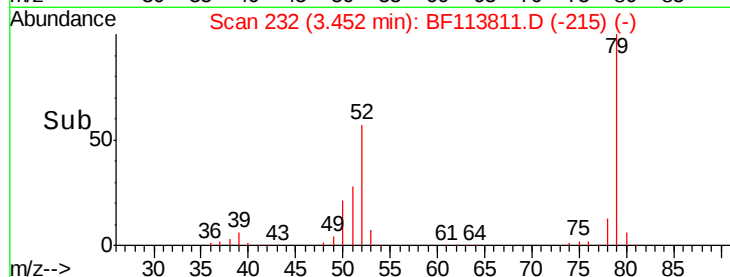
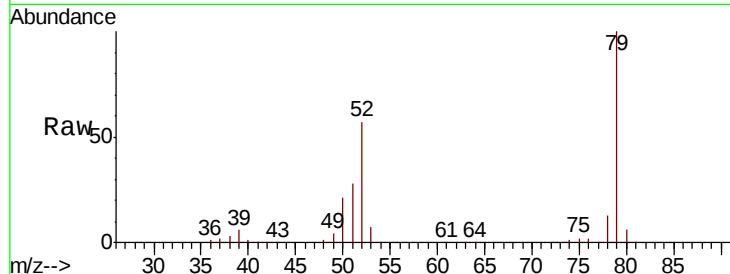
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 Pvridine  
 Concen: 44.824 ng  
 RT: 3.45 min Scan# 232  
 Delta R.T. 0.00 min  
 Lab File: BF113811.D  
 Acq: 18 Apr 2019 9:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 79      | 100  |       |      |       |       |
| 52      | 56.6 | 45.3  | 67.9 |       |       |
| 51      | 27.6 | 22.1  | 33.1 |       |       |

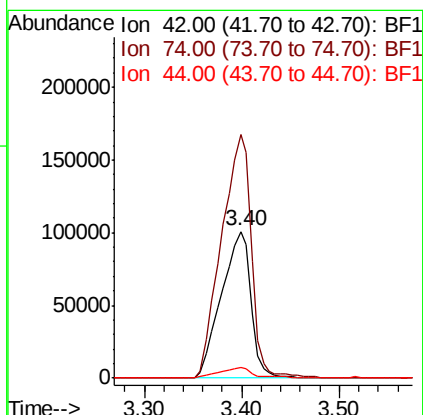
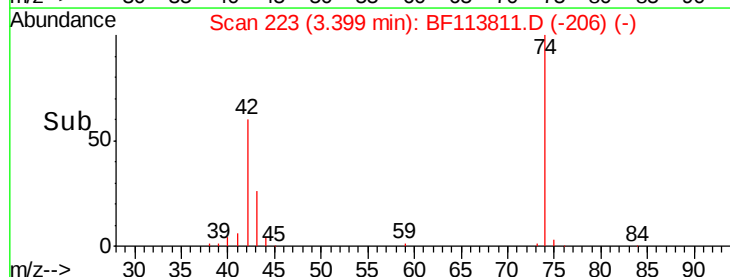
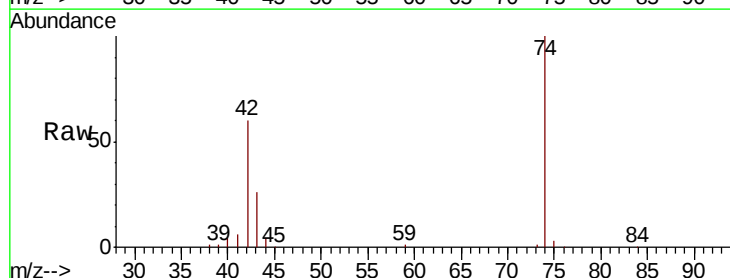
Manual Integrations  
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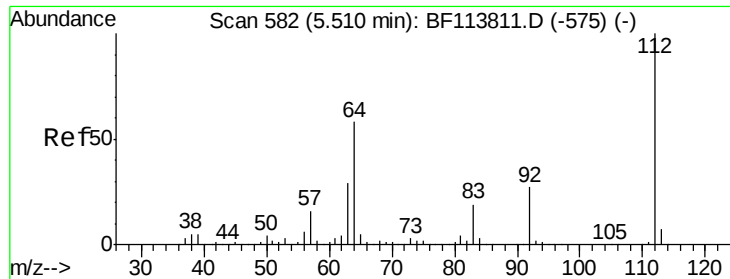
Sohil  
 4/23/2019 8:16:31 AM



#4  
 n-Nitrosodimethylamine  
 Concen: 37.364 ng  
 RT: 3.40 min Scan# 223  
 Delta R.T. 0.00 min  
 Lab File: BF113811.D  
 Acq: 18 Apr 2019 9:04

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 42      | 100   |       |       |       |       |
| 74      | 165.7 | 132.6 | 198.8 |       |       |
| 44      | 7.3   | 5.8   | 8.8   |       |       |





#5

2-Fluorophenol

Concen: 83.450 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA\_F

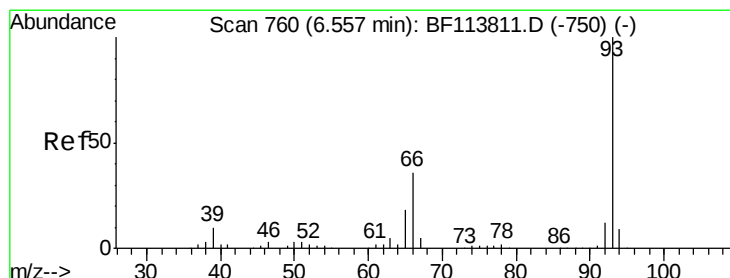
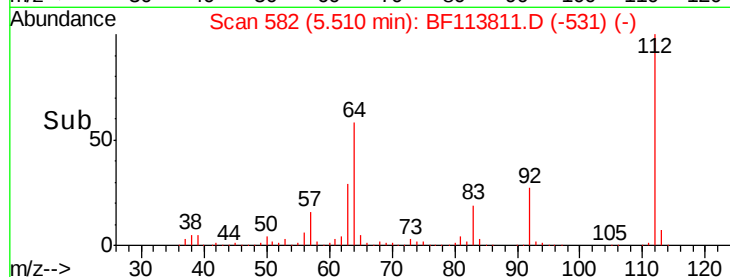
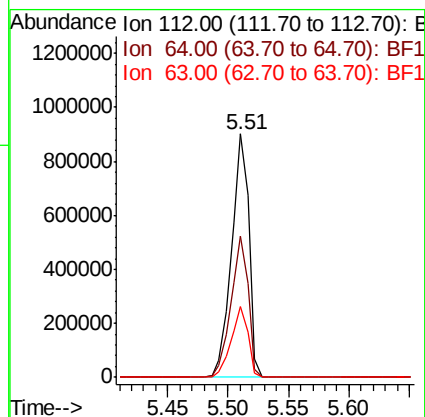
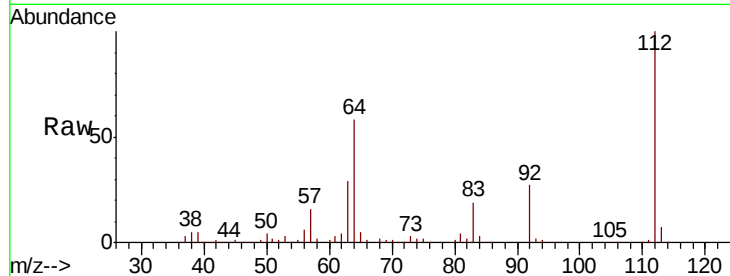
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 898671 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 58.2  | 46.6  | 69.8   |
| 63        | 28.9  | 23.1  | 34.7   |

Manual Integrations  
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4/23/2019 8:16:31 AM



#6

Aniline

Concen: 49.140 ng

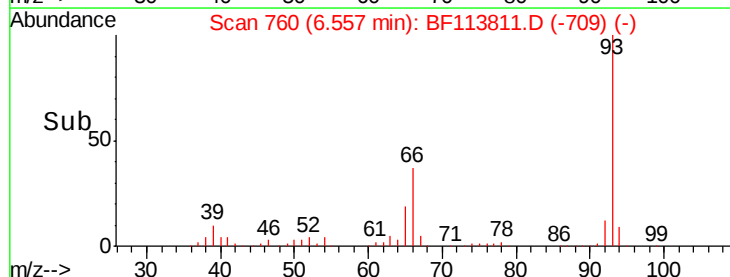
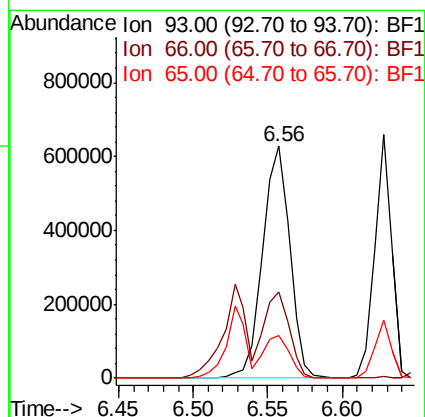
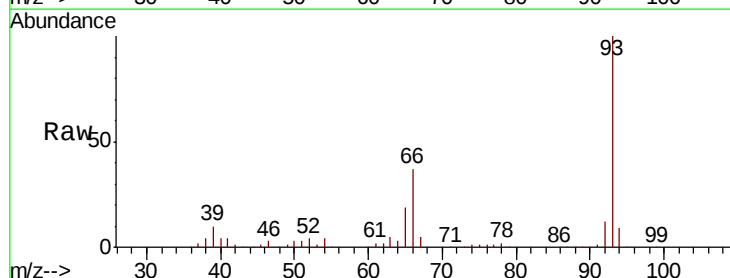
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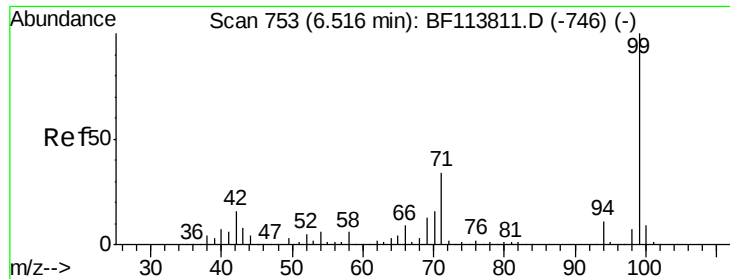
Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 790574 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 37.2  | 29.8  | 44.6   |
| 65        | 18.6  | 14.9  | 22.3   |





#7

Phenol-d6

Concen: 84.518 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion: 99 Resp: 1121785

Ion Ratio Lower Upper

99 100

42 15.6 12.5 18.7

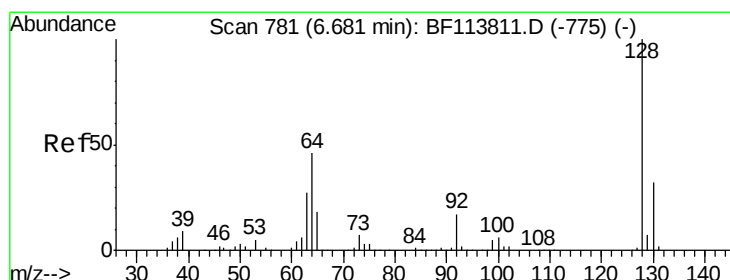
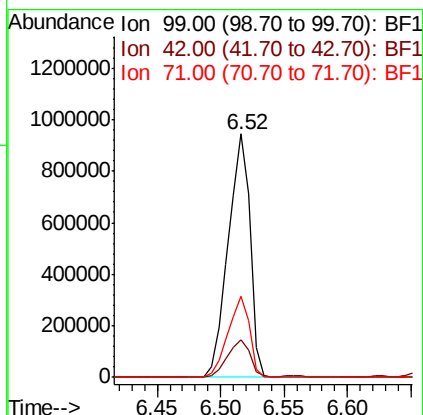
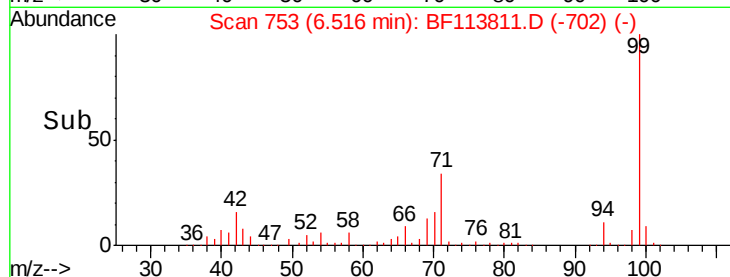
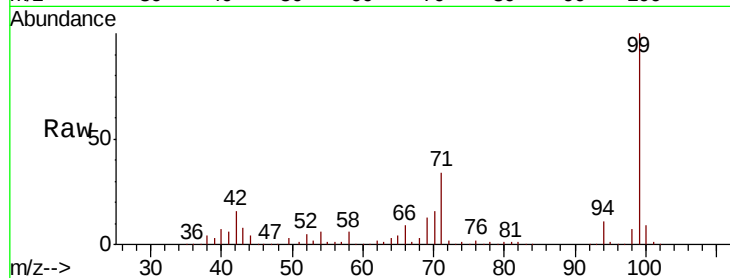
71 33.6 26.9 40.3

Manual Integrations

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Sohil

4/23/2019 8:16:31 AM



#8

2-Chlorophenol

Concen: 40.841 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

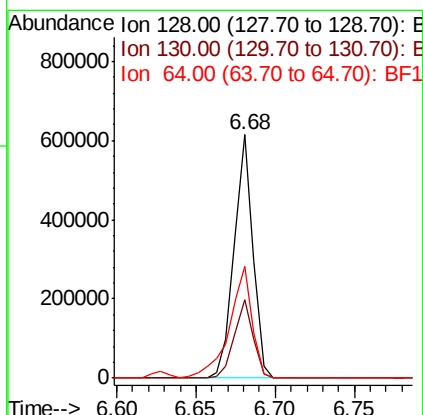
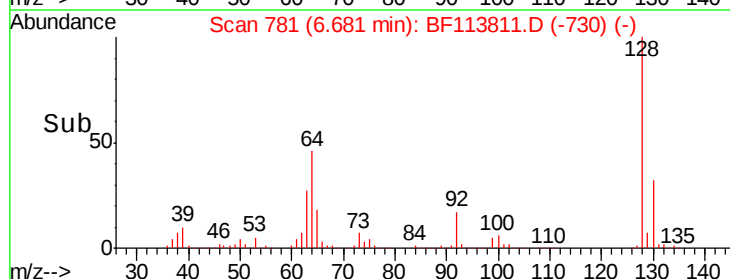
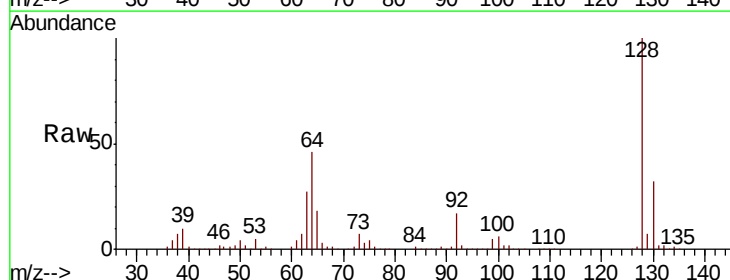
Tgt Ion: 128 Resp: 508859

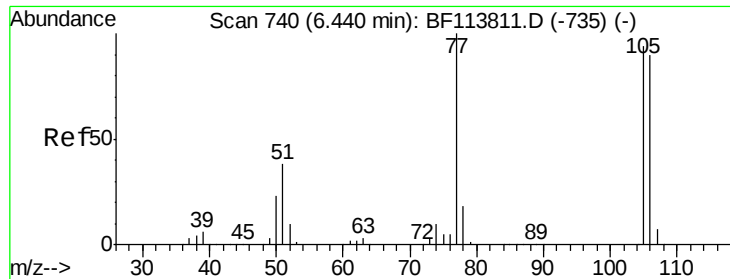
Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

64 46.1 26.1 66.1





#9

Benzaldehyde

Concen: 40.716 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA\_F

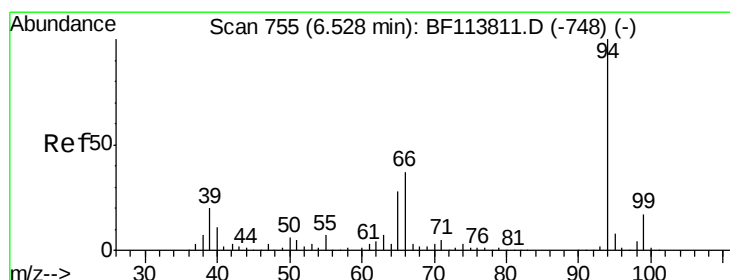
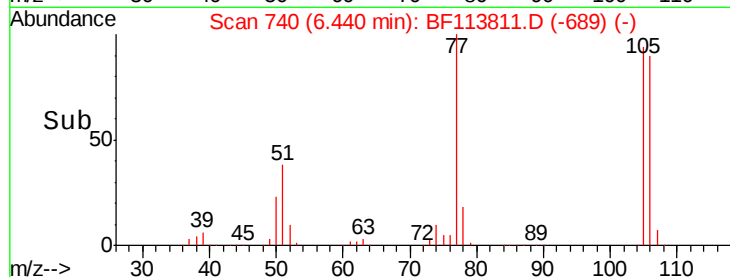
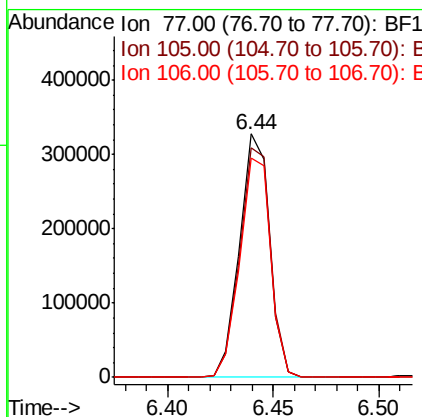
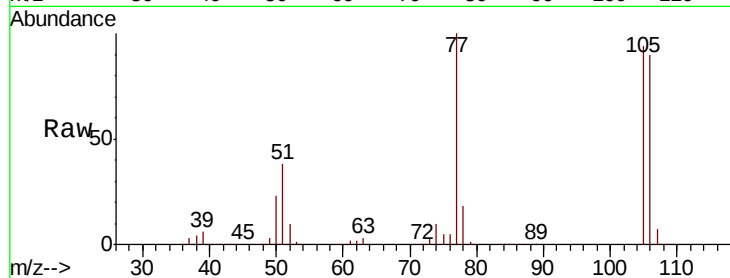
ClientSampleId :

SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 94.1  | 74.1  | 114.1 |
| 106     | 90.3  | 70.3  | 110.3 |

Manual Integrations  
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#10

Phenol

Concen: 41.370 ng

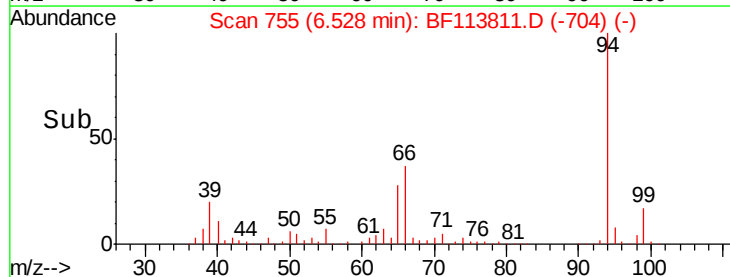
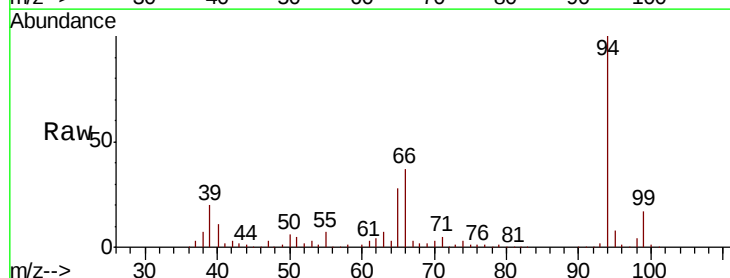
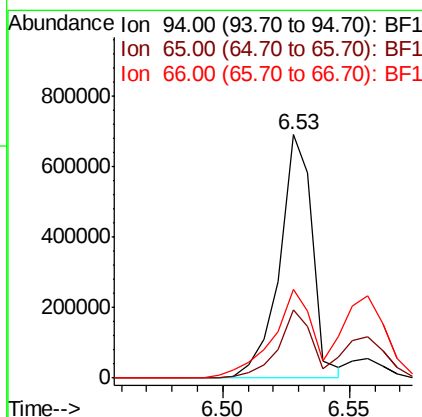
RT: 6.53 min Scan# 755

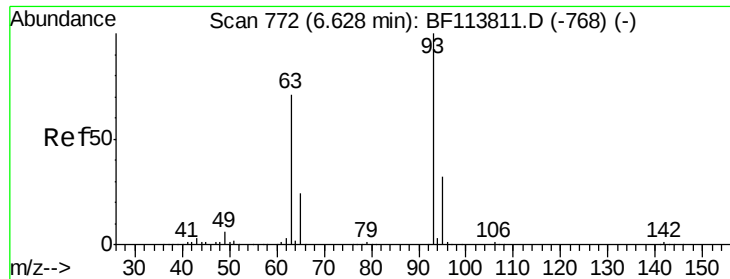
Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 28.1  | 8.1   | 48.1  |
| 66      | 36.6  | 16.6  | 56.6  |





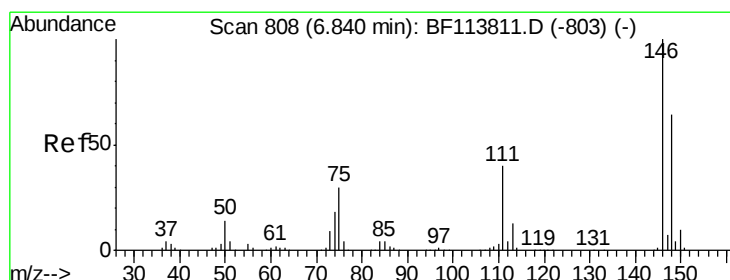
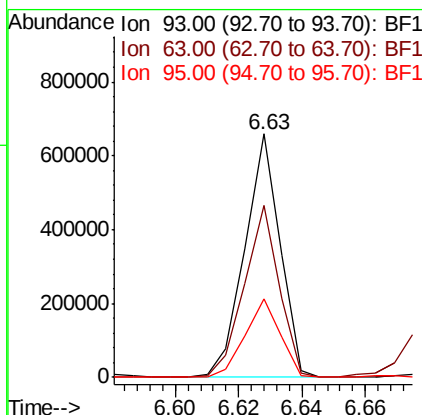
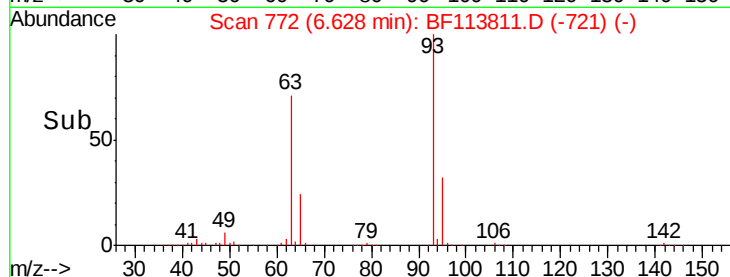
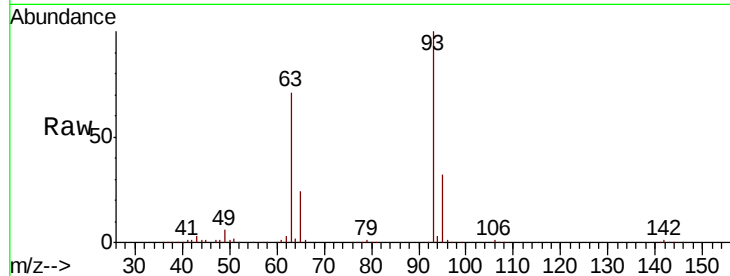
#11  
bis(2-Chloroethyl)ether  
Concen: 42.997 ng  
RT: 6.63 min Scan# 772  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 507019 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 70.7  | 50.7  | 90.7   |
| 95        | 32.3  | 12.3  | 52.3   |

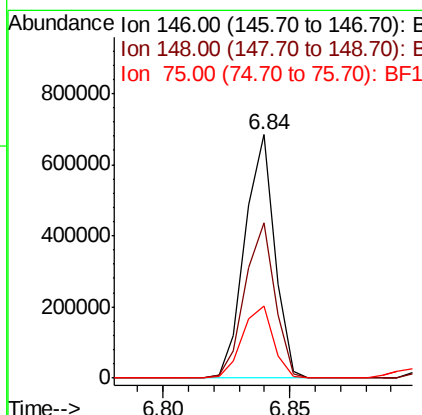
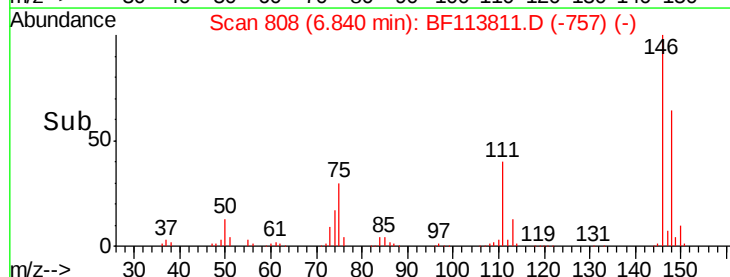
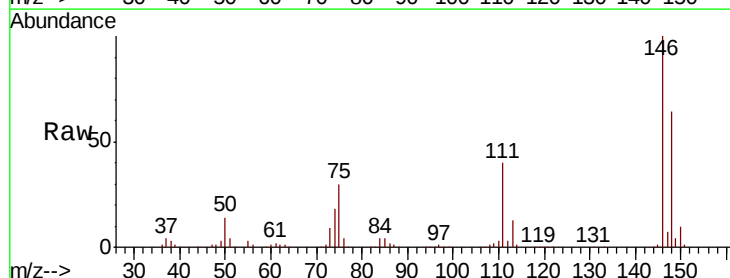
Manual Integrations  
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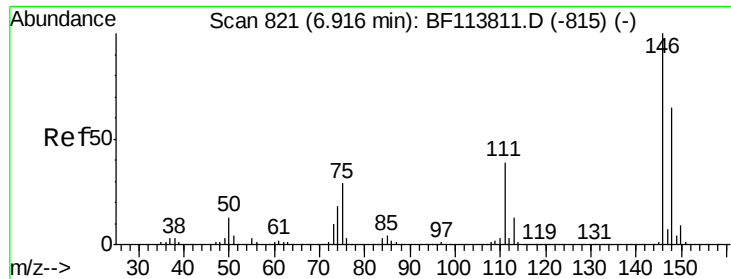
Sohil  
4/23/2019 8:16:31 AM



#12  
1,3-Dichlorobenzene  
Concen: 41.734 ng  
RT: 6.84 min Scan# 808  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 559979 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.8  | 51.0  | 76.6   |
| 75        | 29.8  | 23.8  | 35.8   |





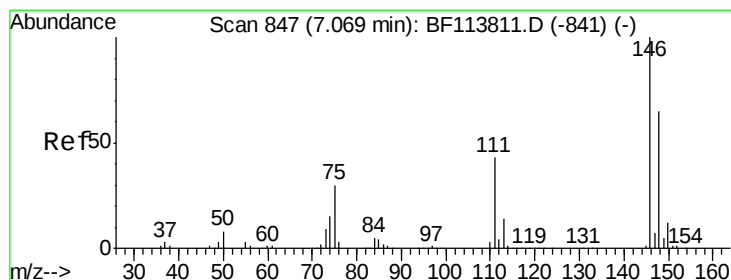
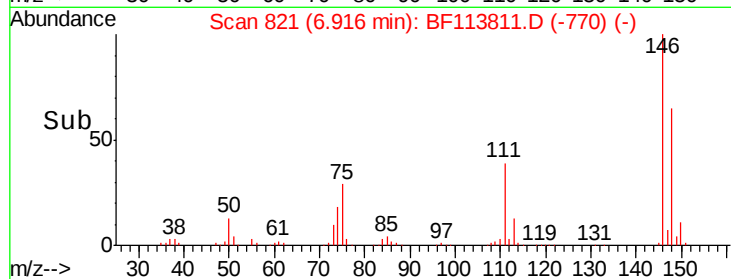
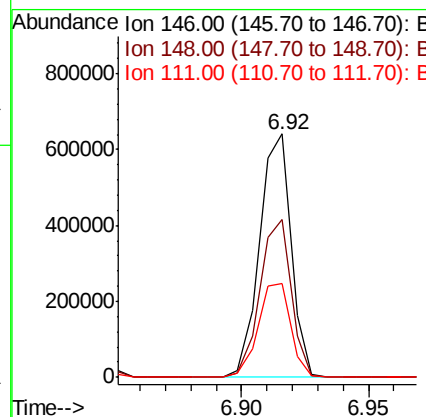
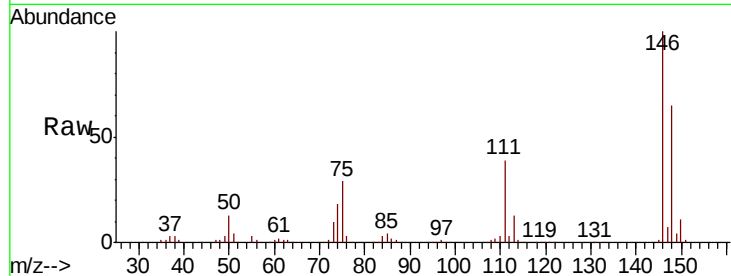
#13  
 1,4-Dichlorobenzene  
 Concen: 41.208 ng  
 RT: 6.92 min Scan# 821  
 Delta R.T. 0.00 min  
 Lab File: BF113811.D  
 Acq: 18 Apr 2019 9:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 146     | 100  |       | 558746 |       |       |
| 148     | 64.8 | 51.8  | 77.8   |       |       |
| 111     | 38.6 | 30.9  | 46.3   |       |       |

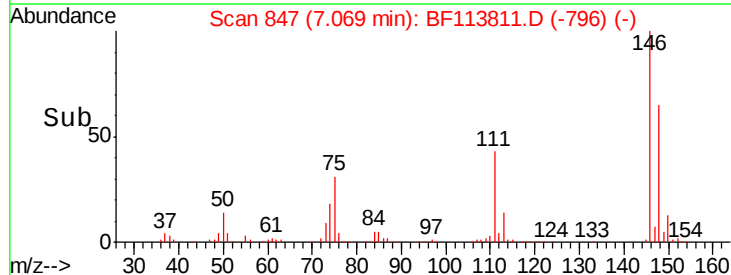
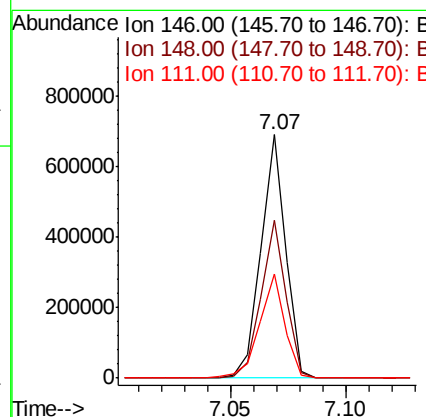
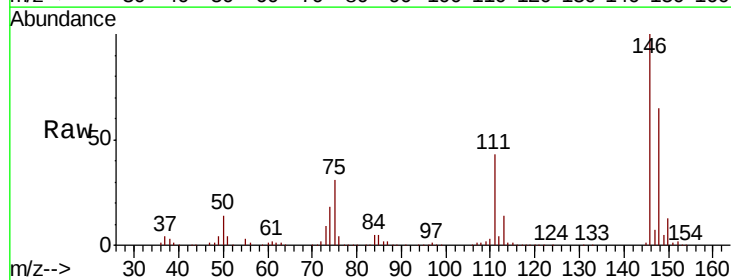
Manual Integrations  
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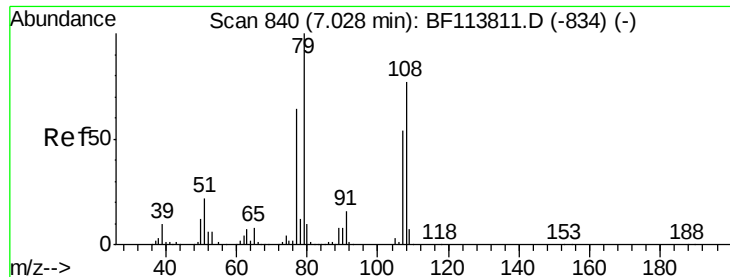
Sohil  
 4/23/2019 8:16:31 AM



#14  
 1,2-Dichlorobenzene  
 Concen: 42.413 ng  
 RT: 7.07 min Scan# 847  
 Delta R.T. 0.00 min  
 Lab File: BF113811.D  
 Acq: 18 Apr 2019 9:04

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 146     | 100  |       | 519091 |       |       |
| 148     | 65.1 | 52.1  | 78.1   |       |       |
| 111     | 42.8 | 34.2  | 51.4   |       |       |





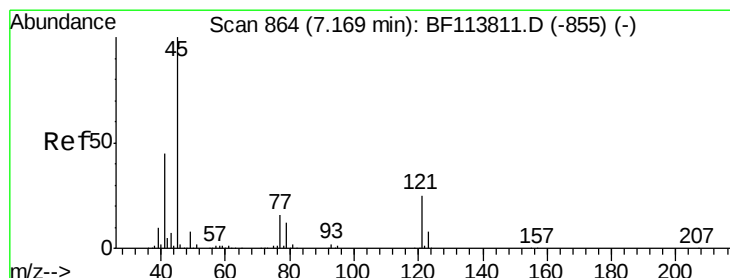
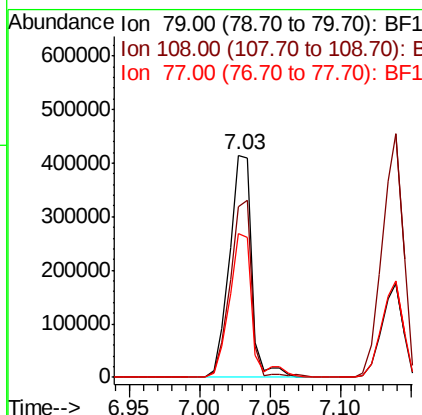
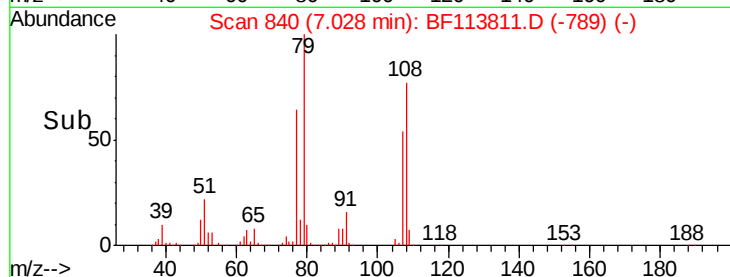
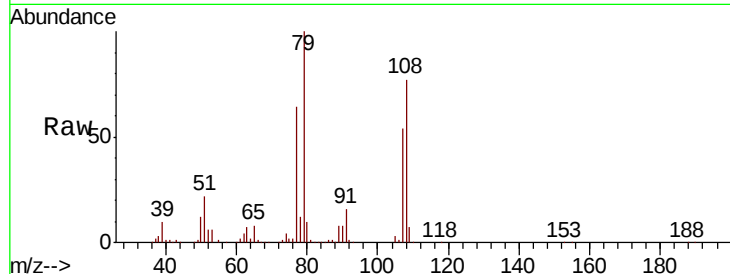
#15  
Benzyl Alcohol  
Concen: 50.696 ng  
RT: 7.03 min Scan# 840  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 76.7  | 61.4  | 92.0  |
| 77      | 64.5  | 51.6  | 77.4  |

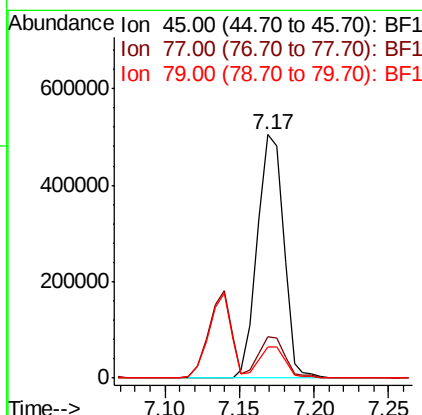
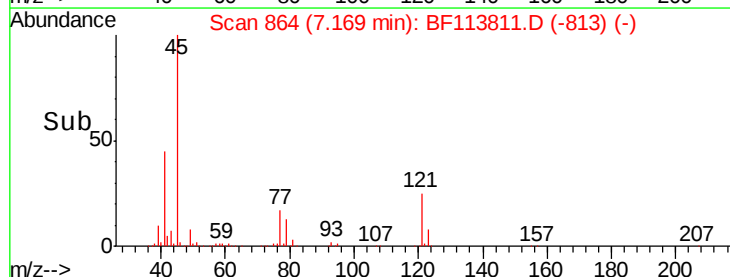
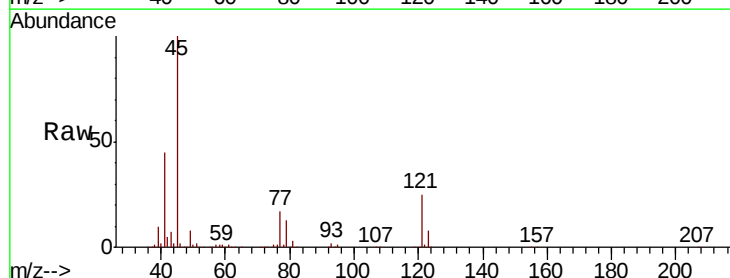
Manual Integrations  
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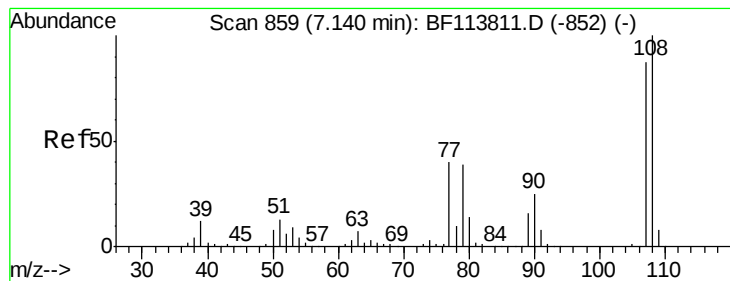
Sohil  
4/23/2019 8:16:31 AM



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 33.427 ng  
RT: 7.17 min Scan# 864  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 17.0  | 0.0   | 37.0  |
| 79      | 12.7  | 0.0   | 32.7  |





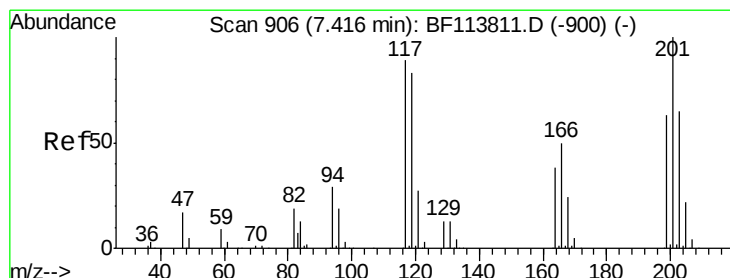
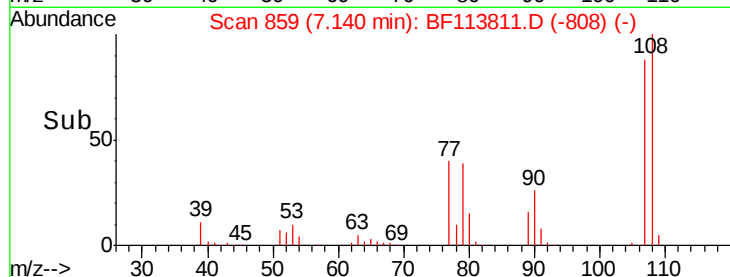
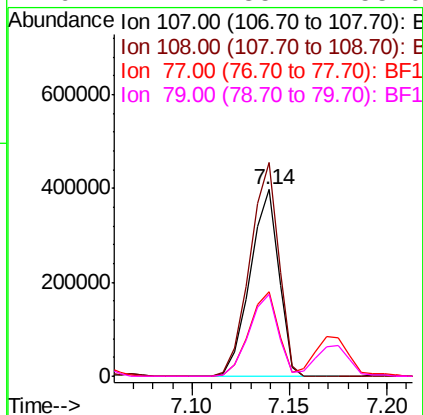
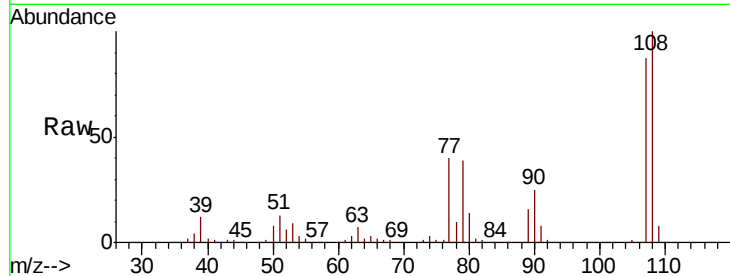
#17  
2-Methylphenol  
Concen: 42.117 ng  
RT: 7.14 min Scan# 859  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion   | 107   | Resp  | 406669 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 114.4 | 91.5  | 137.3  |
| 77        | 45.3  | 36.2  | 54.4   |
| 79        | 44.2  | 35.4  | 53.0   |

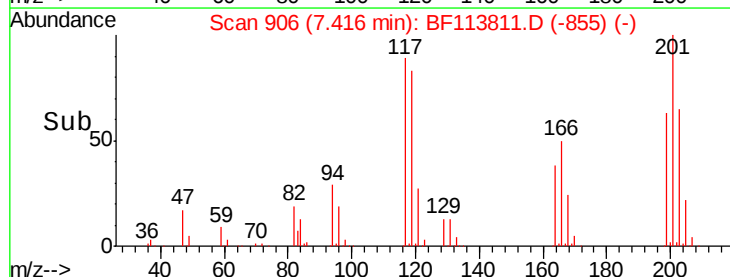
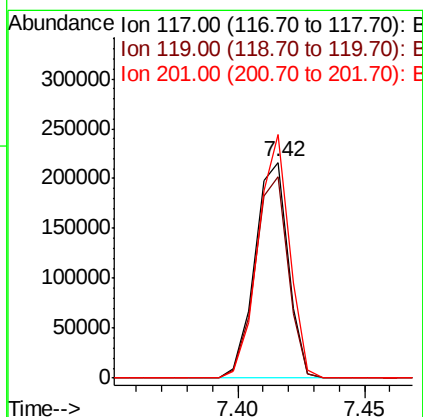
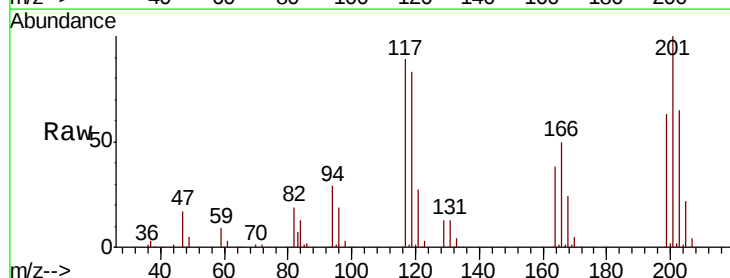
Manual Integrations  
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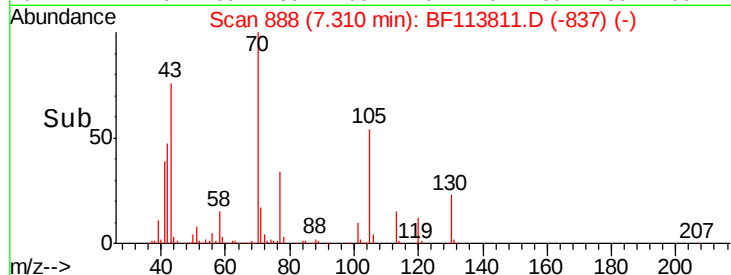
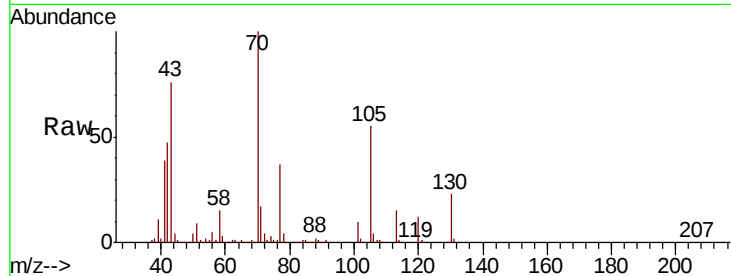
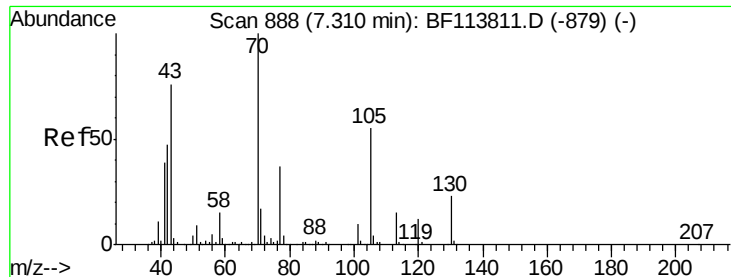
Sohil  
4/23/2019 8:16:31 AM



#18  
Hexachloroethane  
Concen: 40.442 ng  
RT: 7.42 min Scan# 906  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

| Tgt Ion   | 117   | Resp  | 199598 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 93.0  | 74.4  | 111.6  |
| 201       | 112.7 | 90.2  | 135.2  |





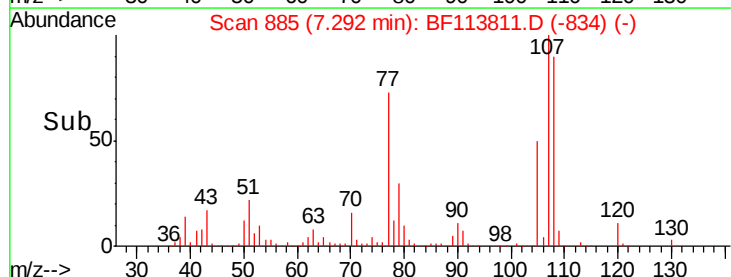
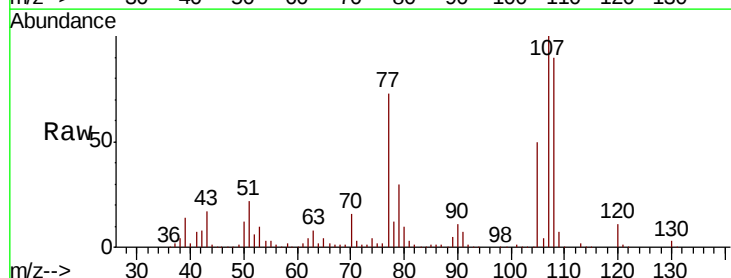
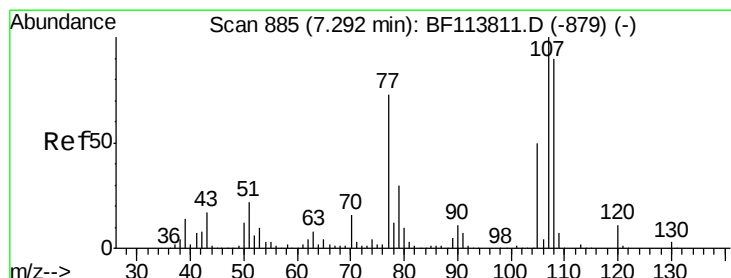
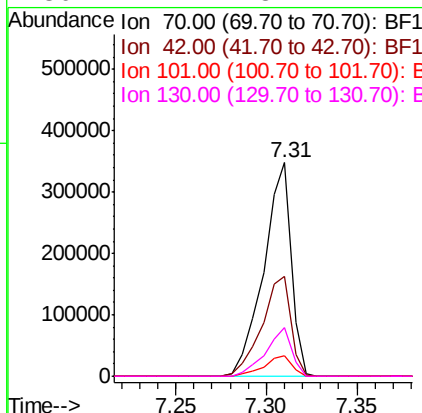
#19  
n-Nitroso-di-n-propylamine  
Concen: 44.806 ng  
RT: 7.31 min Scan# 888  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 46.6 | 37.3  | 55.9  |       |
| 101     | 9.8  | 7.8   | 11.8  |       |
| 130     | 22.7 | 18.2  | 27.2  |       |

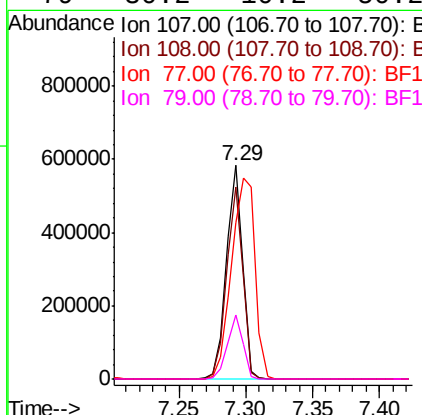
Manual Integrations  
APPROVED

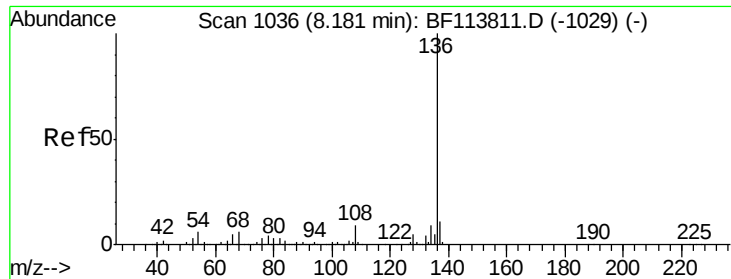
Sohil  
4/23/2019 8:16:31 AM



#20  
3+4-Methylphenols  
Concen: 42.764 ng  
RT: 7.29 min Scan# 885  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 90.1 | 70.1  | 110.1 |       |
| 77      | 72.9 | 52.9  | 92.9  |       |
| 79      | 30.2 | 10.2  | 50.2  |       |





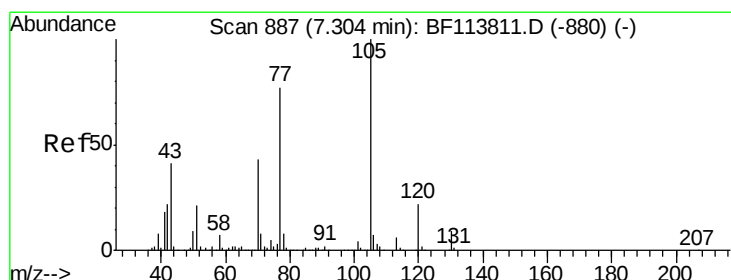
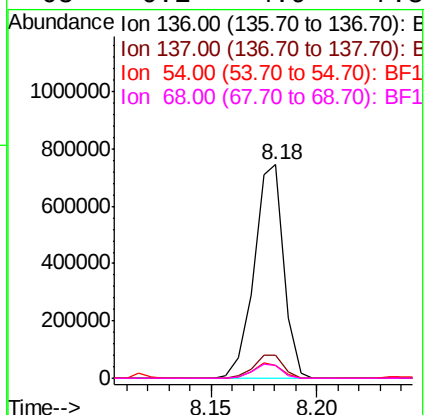
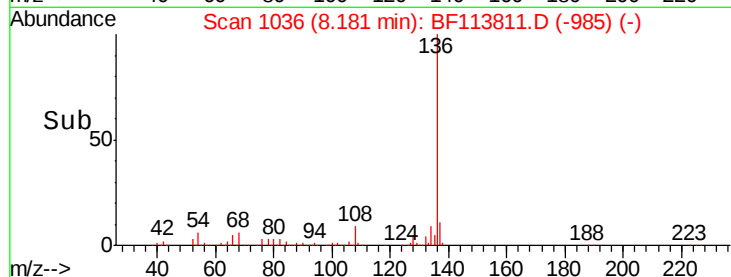
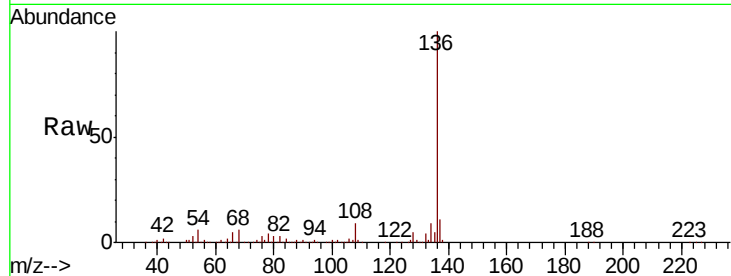
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.18 min Scan# 1036  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 136     | 100  |       |      |       |       |
| 137     | 10.7 |       | 8.6  | 12.8  |       |
| 54      | 6.3  |       | 5.0  | 7.6   |       |
| 68      | 6.1  |       | 4.9  | 7.3   |       |

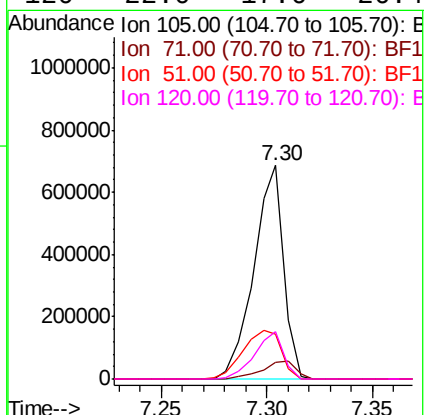
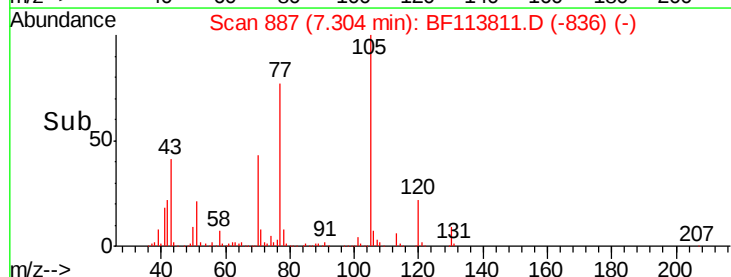
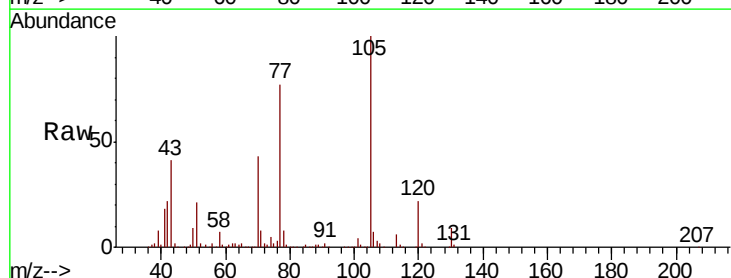
Manual Integrations  
APPROVED

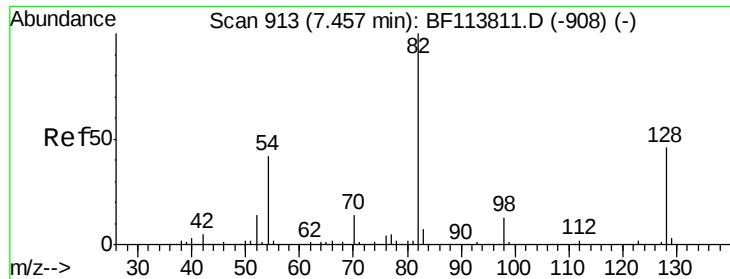
Sohil  
4/23/2019 8:16:31 AM



#22  
Acetophenone  
Concen: 42.140 ng  
RT: 7.30 min Scan# 887  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 105     | 100  |       |      |       |       |
| 71      | 7.6  |       | 6.1  | 9.1   |       |
| 51      | 21.0 |       | 16.8 | 25.2  |       |
| 120     | 22.0 |       | 17.6 | 26.4  |       |





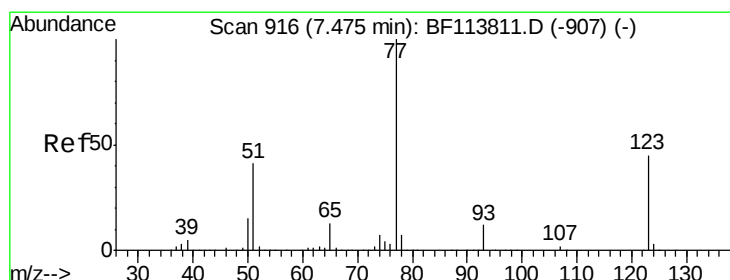
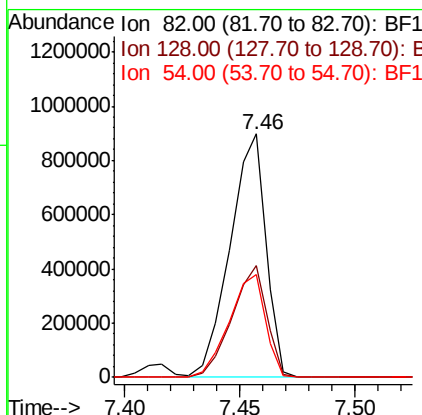
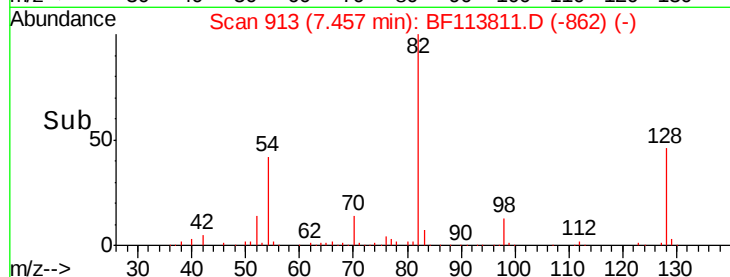
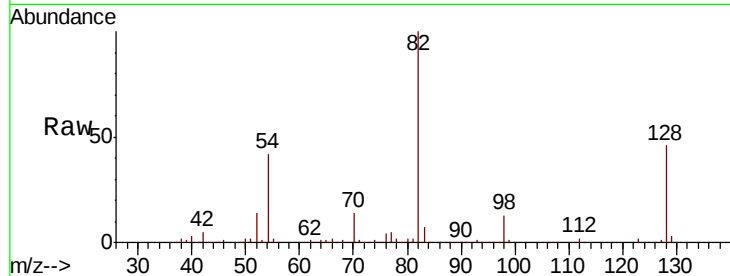
#23  
 Nitrobenzene-d5  
 Concen: 78.393 ng  
 RT: 7.46 min Scan# 913  
 Delta R.T. 0.00 min  
 Lab File: BF113811.D  
 Acq: 18 Apr 2019 9:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion   | 82   | Resp  | 970036 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 82        | 100  |       |        |
| 128       | 46.0 | 36.8  | 55.2   |
| 54        | 42.2 | 33.8  | 50.6   |

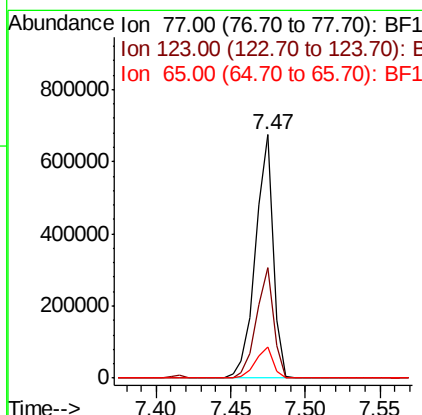
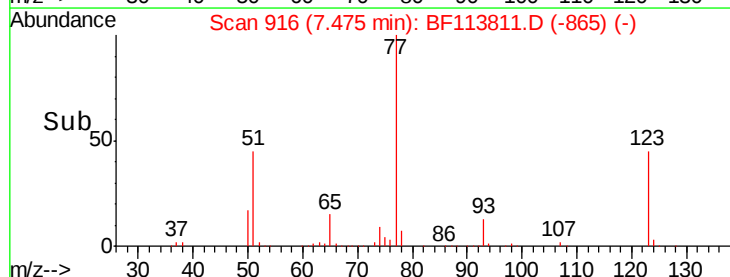
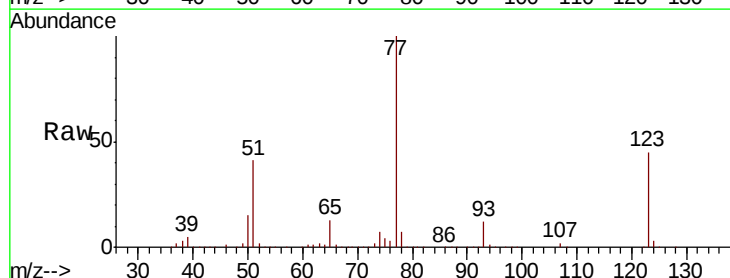
Manual Integrations  
 APPROVED

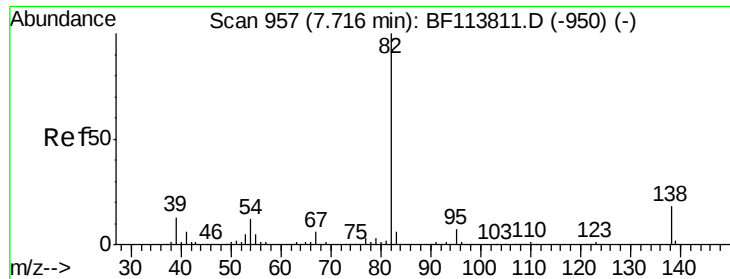
Sohil  
 4/23/2019 8:16:31 AM



#24  
 Nitrobenzene  
 Concen: 42.895 ng  
 RT: 7.47 min Scan# 916  
 Delta R.T. 0.00 min  
 Lab File: BF113811.D  
 Acq: 18 Apr 2019 9:04

| Tgt Ion   | 77   | Resp  | 546611 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 77        | 100  |       |        |
| 123       | 45.4 | 36.3  | 54.5   |
| 65        | 12.9 | 10.3  | 15.5   |





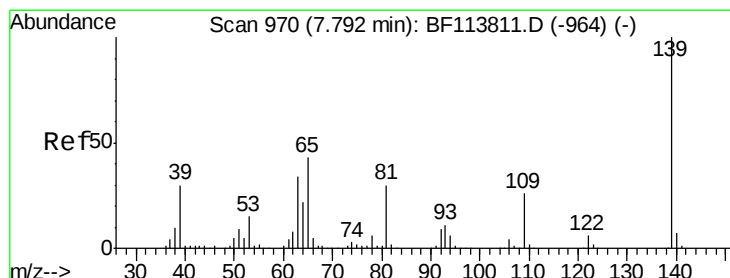
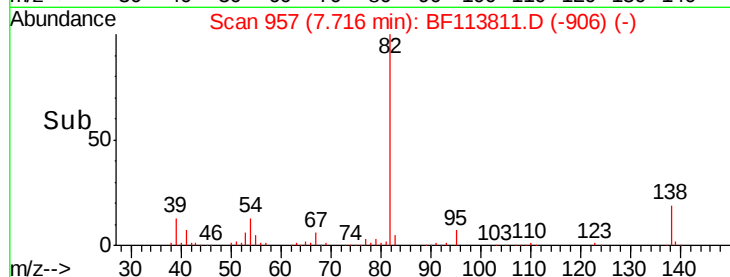
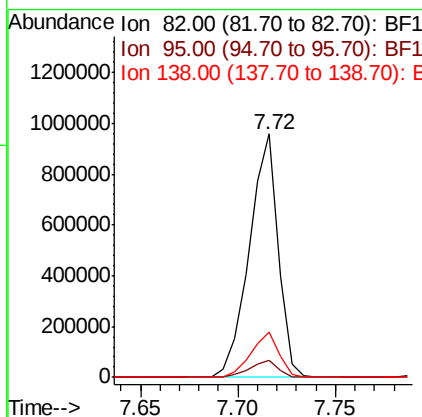
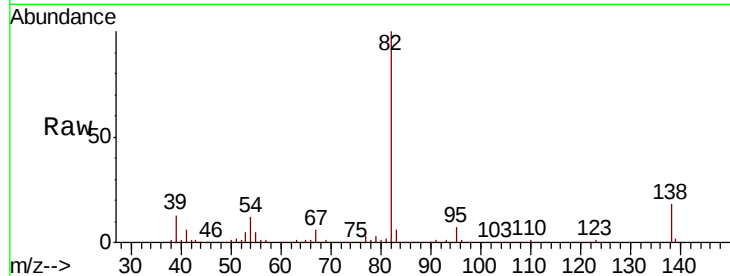
#25  
Isophorone  
Concen: 41.090 ng  
RT: 7.72 min Scan# 957  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 979452 |       |       |
| 95      | 6.8   |        | 5.4   | 8.2   |
| 138     | 18.3  |        | 14.6  | 22.0  |

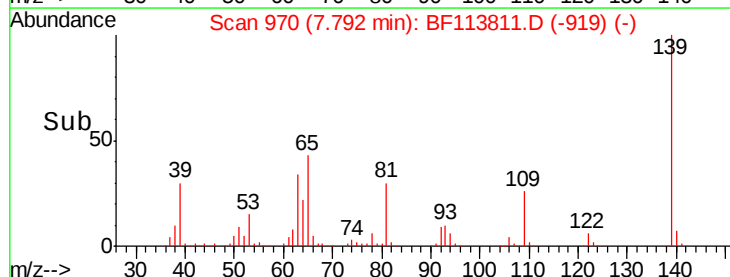
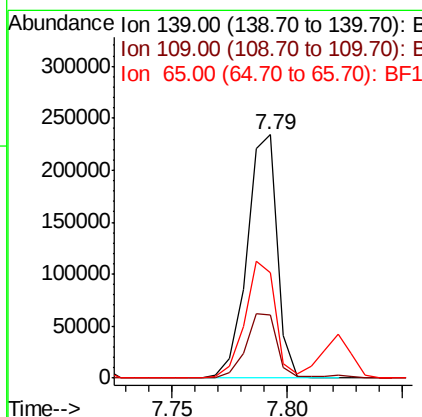
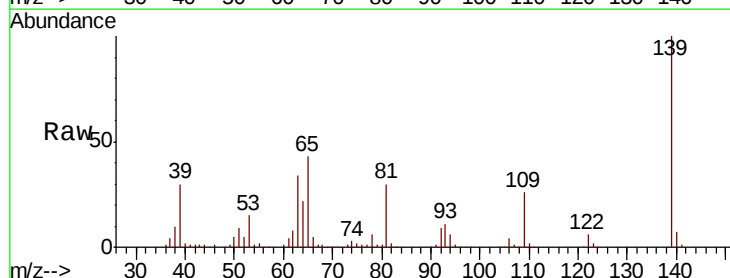
Manual Integrations  
APPROVED

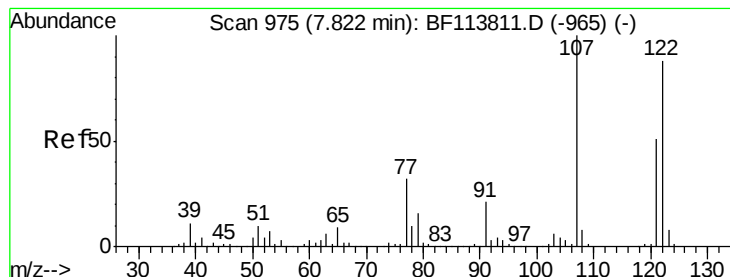
Sohil  
4/23/2019 8:16:31 AM



#26  
2-Nitrophenol  
Concen: 31.195 ng  
RT: 7.79 min Scan# 970  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 213948 |       |       |
| 109     | 25.8  |        | 20.6  | 31.0  |
| 65      | 43.3  |        | 34.6  | 52.0  |





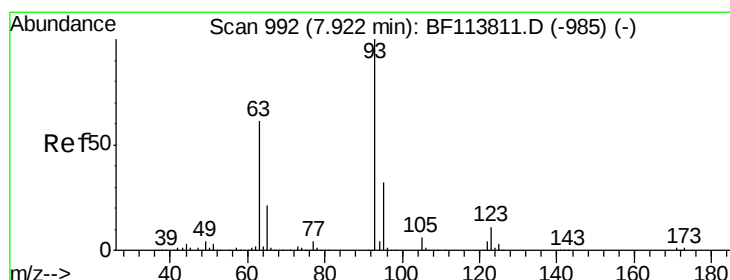
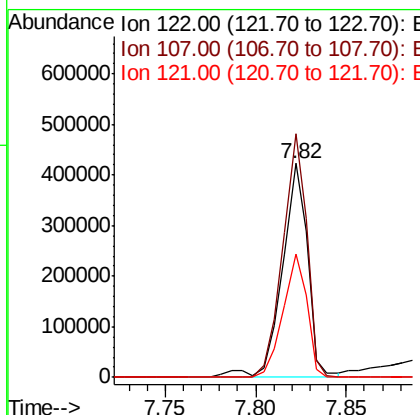
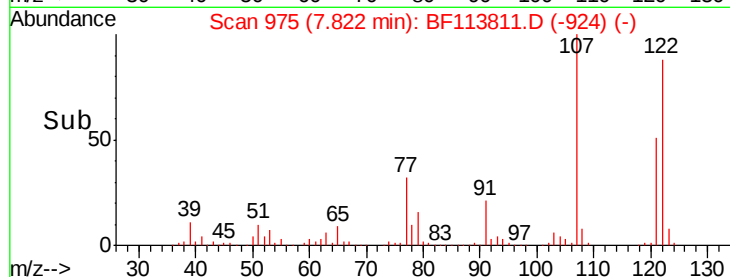
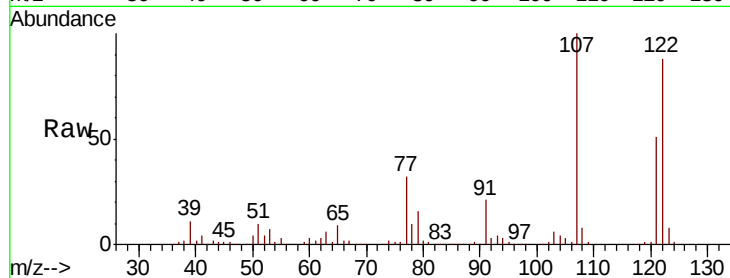
#27  
2,4-Dimethylphenol  
Concen: 42.003 ng  
RT: 7.82 min Scan# 975  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 114.0 | 91.2  | 136.8 |
| 121     | 58.0  | 46.4  | 69.6  |

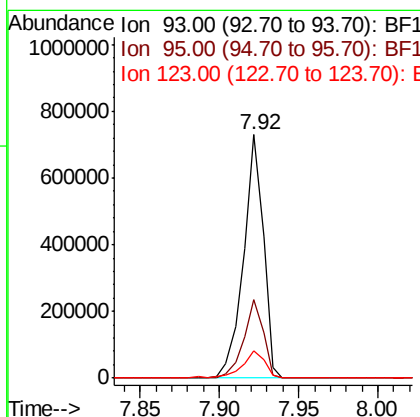
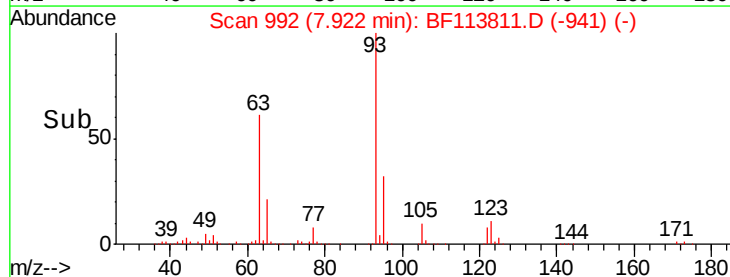
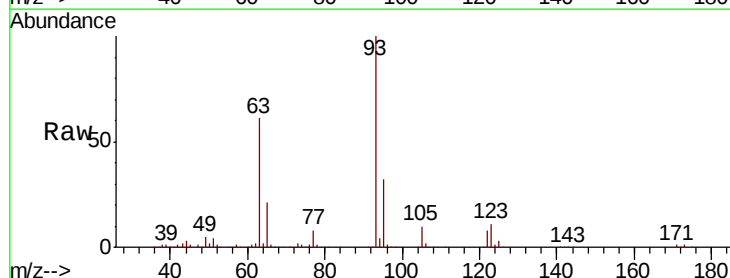
Manual Integrations  
APPROVED

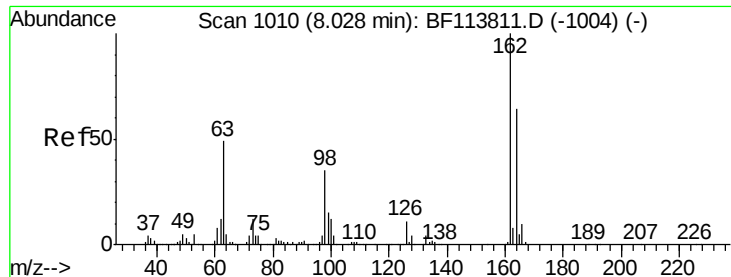
Sohil  
4/23/2019 8:16:31 AM



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.719 ng  
RT: 7.92 min Scan# 992  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.2  | 25.8  | 38.6  |
| 123     | 11.3  | 9.0   | 13.6  |





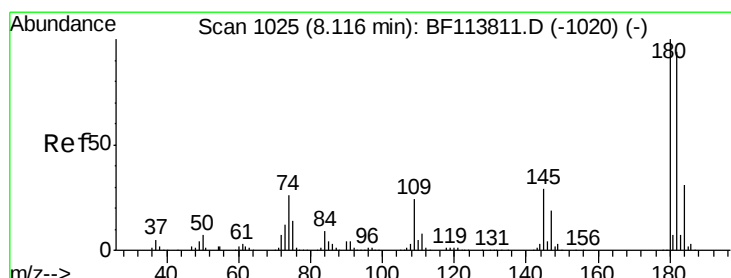
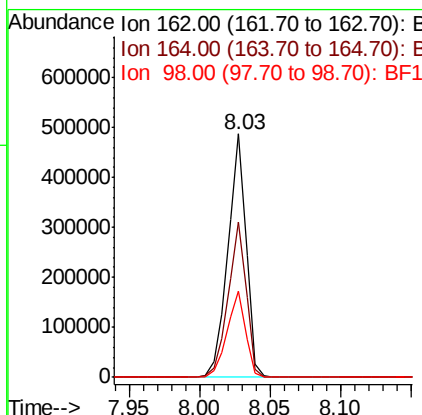
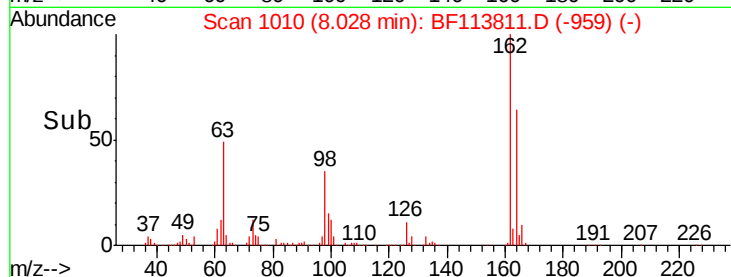
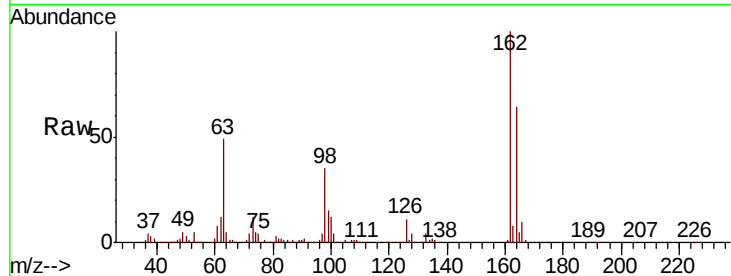
#29  
2,4-Dichlorophenol  
Concen: 41.828 ng  
RT: 8.03 min Scan# 1010  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 438798 |       |       |
| 164     | 63.7  | 43.7   | 83.7  |       |
| 98      | 35.5  | 15.5   | 55.5  |       |

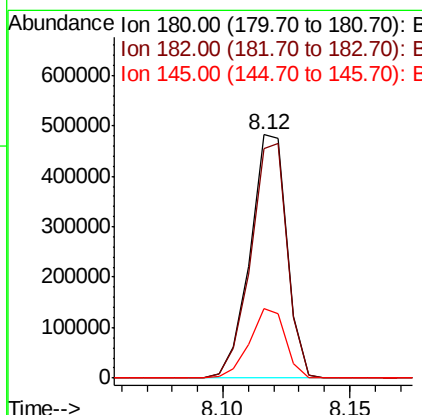
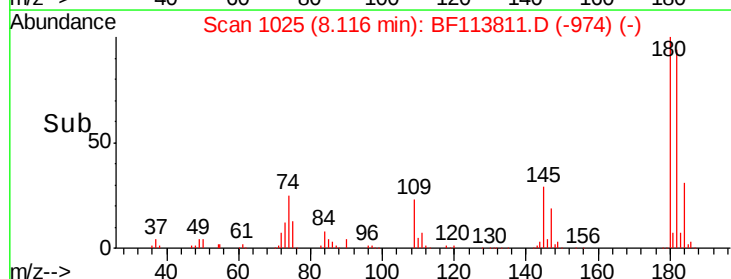
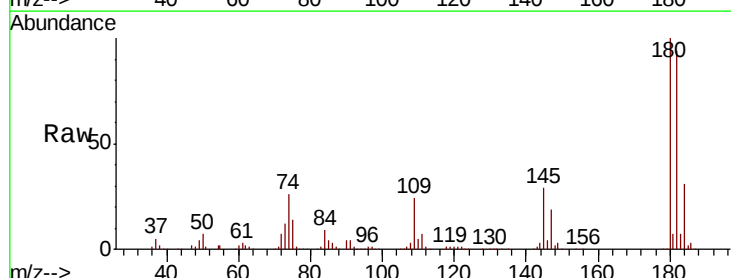
Manual Integrations  
APPROVED

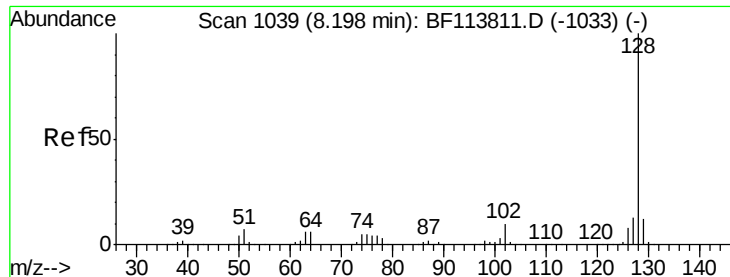
Sohil  
4/23/2019 8:16:31 AM



#30  
1,2,4-Trichlorobenzene  
Concen: 42.667 ng  
RT: 8.12 min Scan# 1025  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 486077 |       |       |
| 182     | 94.2  | 75.4   | 113.0 |       |
| 145     | 28.7  | 23.0   | 34.4  |       |





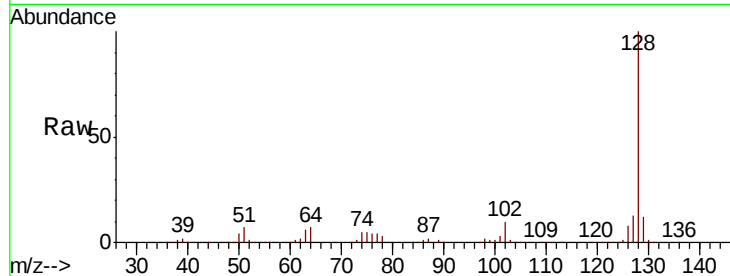
#31  
Naphthalene  
Concen: 40.019 ng  
RT: 8.20 min Scan# 1039  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

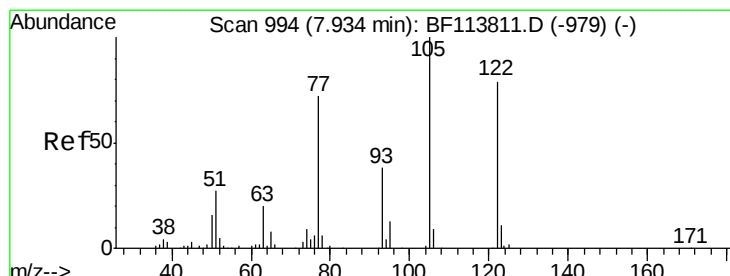
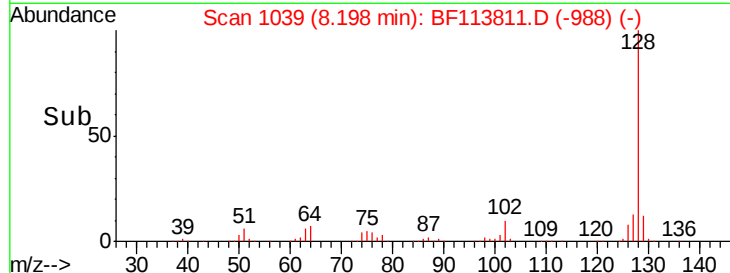
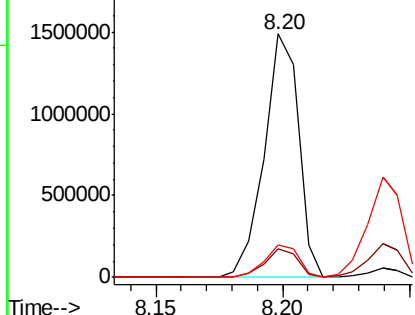
Tot Ion:128 Resp: 1405400  
Ion Ratio Lower Upper  
128 100  
129 11.7 9.4 14.0  
127 13.5 10.8 16.2

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Sohil  
4/23/2019 8:16:31 AM



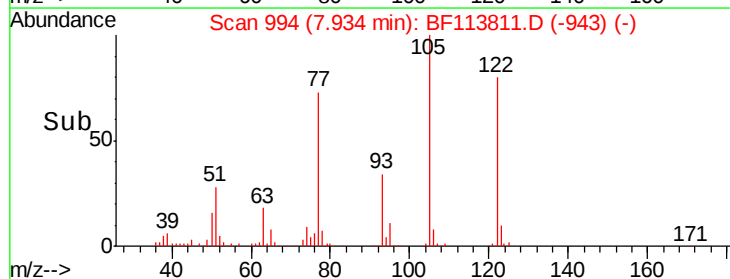
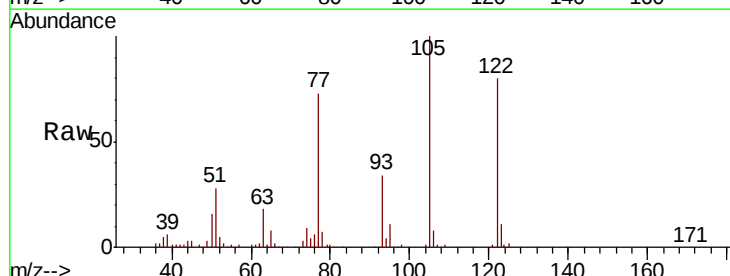
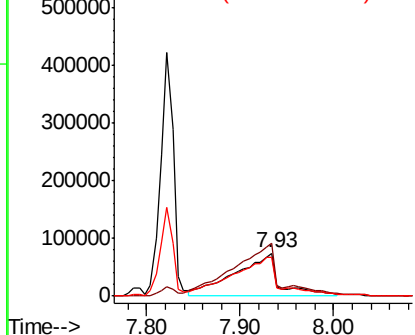
Abundance Ion 128.00 (127.70 to 128.70): E  
2000000 Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

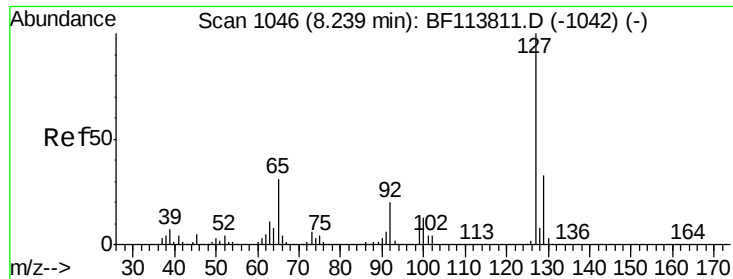


#32  
Benzoic acid  
Concen: 32.731 ng m  
RT: 7.93 min Scan# 994  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Tgt Ion:122 Resp: 248507  
Ion Ratio Lower Upper  
122 100  
105 124.3 104.3 144.3  
77 90.4 70.4 110.4

Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1





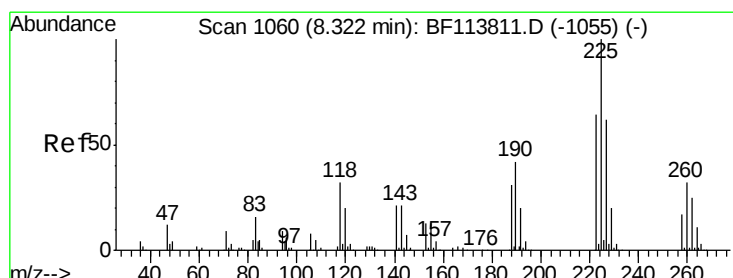
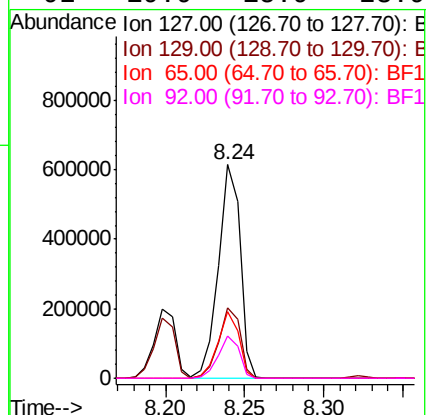
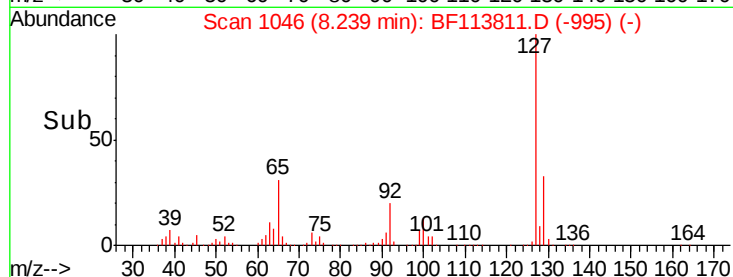
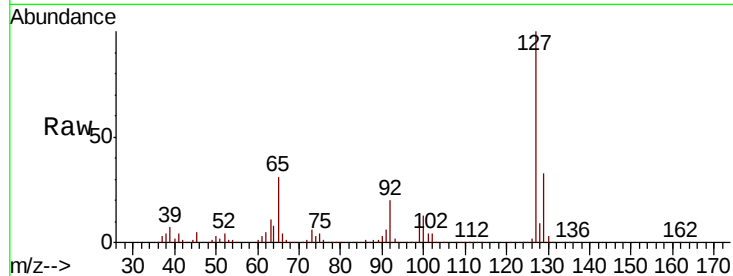
#33  
4-Chloroaniline  
Concen: 42.097 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 33.0 | 26.4  | 39.6 |       |       |
| 65      | 31.1 | 24.9  | 37.3 |       |       |
| 92      | 19.9 | 15.9  | 23.9 |       |       |

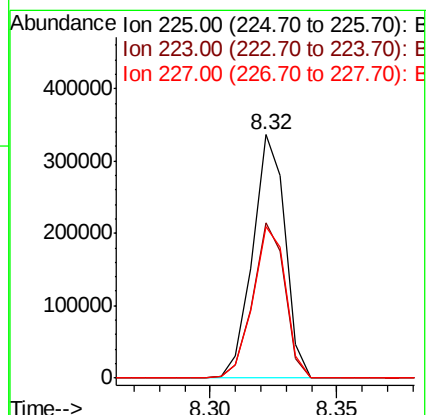
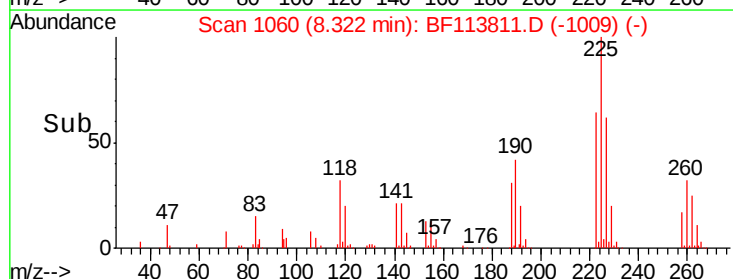
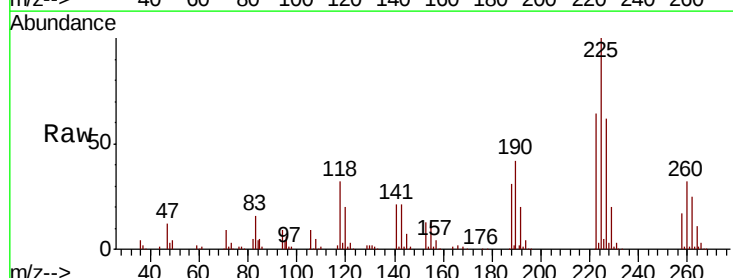
Manual Integrations  
APPROVED

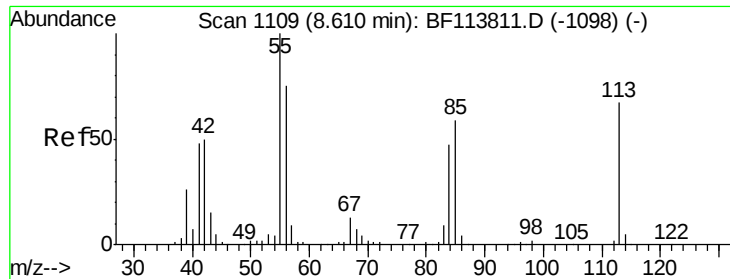
Sohil  
4/23/2019 8:16:31 AM



#34  
Hexachlorobutadiene  
Concen: 43.093 ng  
RT: 8.32 min Scan# 1060  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.9 | 51.1  | 76.7 |       |       |
| 227     | 62.4 | 49.9  | 74.9 |       |       |





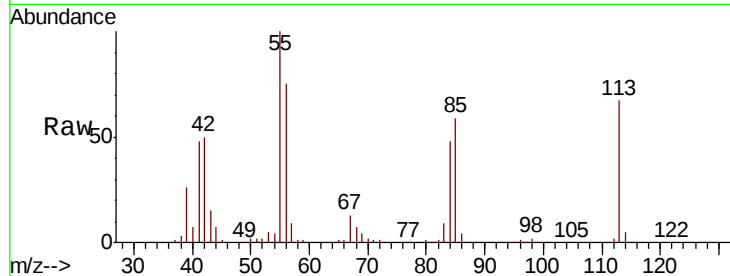
#35  
Caprolactam  
Concen: 42.271 ng  
RT: 8.61 min Scan# 1109  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 113     | 100   |       |       |       |       |
| 55      | 148.6 | 128.6 | 168.6 |       |       |
| 56      | 111.9 | 91.9  | 131.9 |       |       |

Manual Integrations  
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4/23/2019 8:16:31 AM

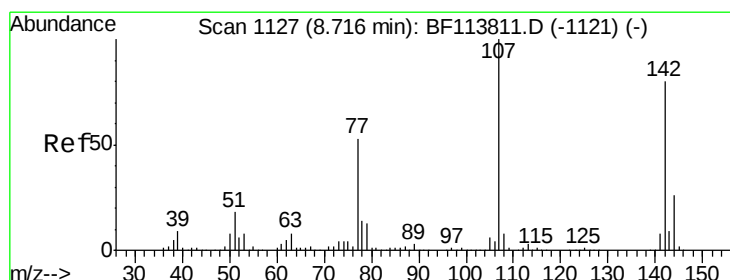
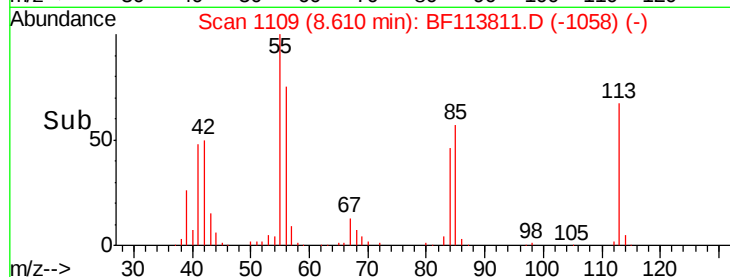
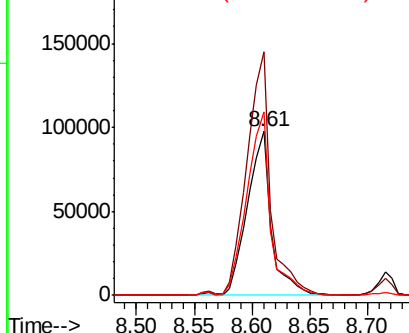


Abundance

Ion 113.00 (112.70 to 113.70): E

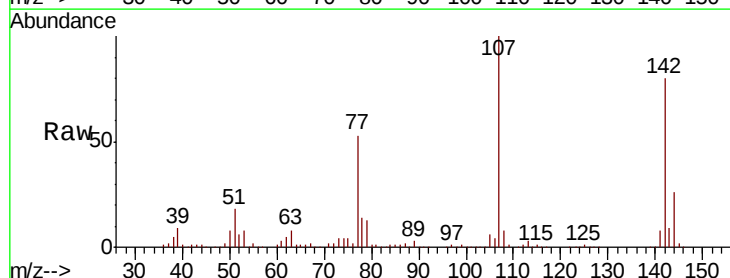
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36  
4-Chloro-3-methylphenol  
Concen: 41.175 ng  
RT: 8.72 min Scan# 1127  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 107     | 100  |       |      |       |       |
| 144     | 25.6 | 20.5  | 30.7 |       |       |
| 142     | 80.3 | 64.2  | 96.4 |       |       |

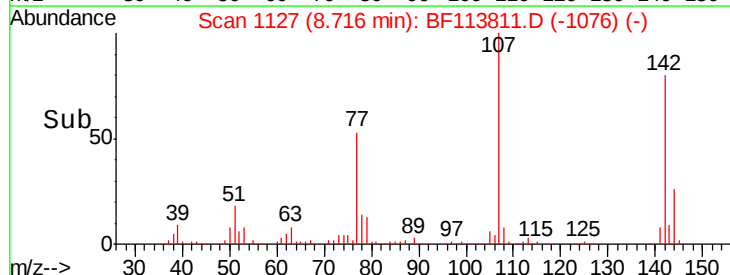
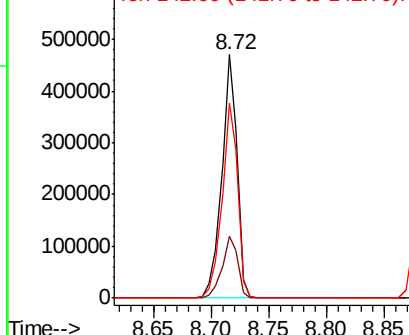


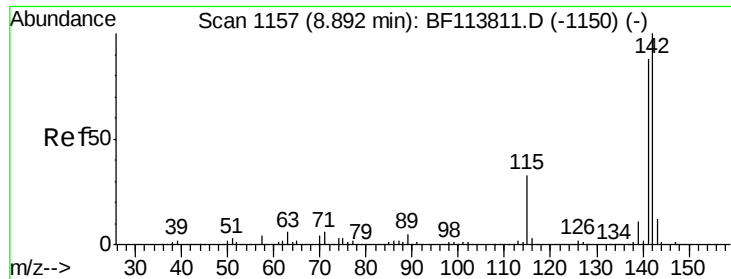
Abundance

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





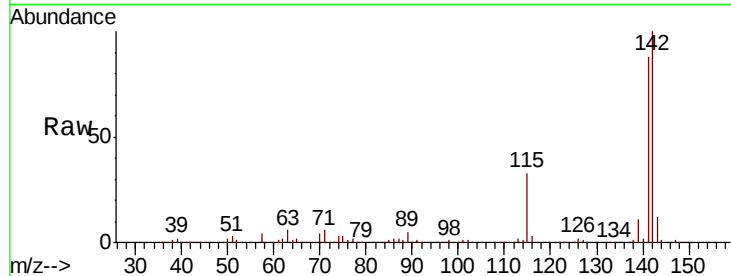
#37  
2-Methylnaphthalene  
Concen: 40.114 ng  
RT: 8.89 min Scan# 1157  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.0  | 70.4  | 105.6 |
| 115     | 32.9  | 26.3  | 39.5  |

Manual Integrations  
APPROVED

Sohil  
4/23/2019 8:16:31 AM

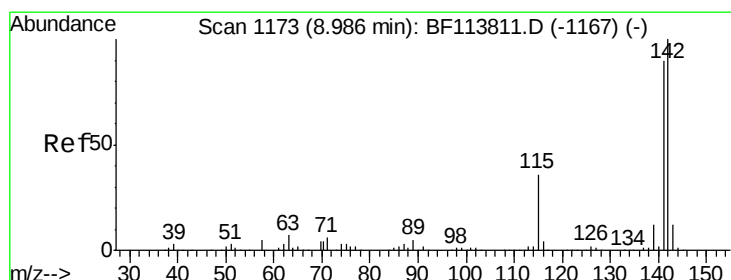
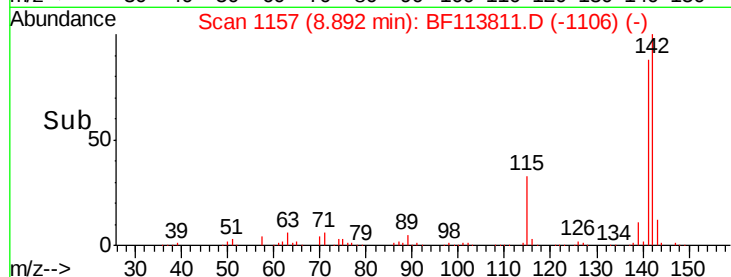
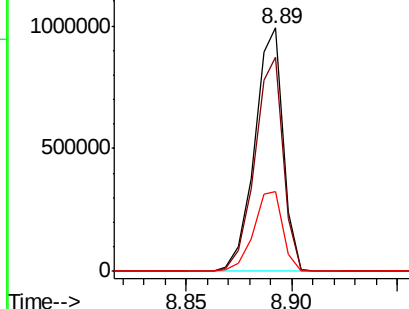


Abundance

Ion 142.00 (141.70 to 142.70): E

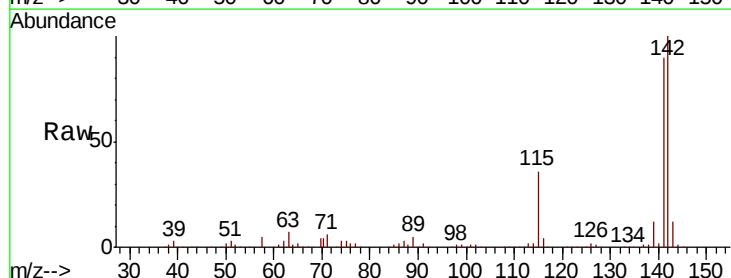
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 40.556 ng  
RT: 8.99 min Scan# 1173  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.4  | 72.3  | 108.5 |
| 116     | 3.7   | 3.0   | 4.4   |

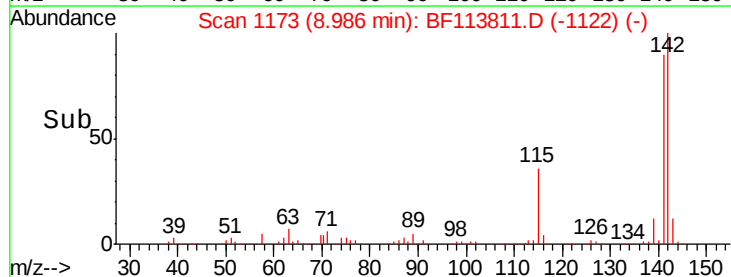
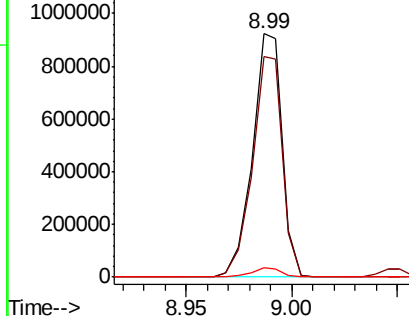


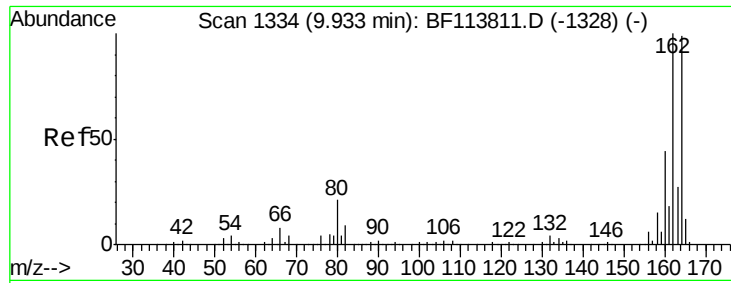
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





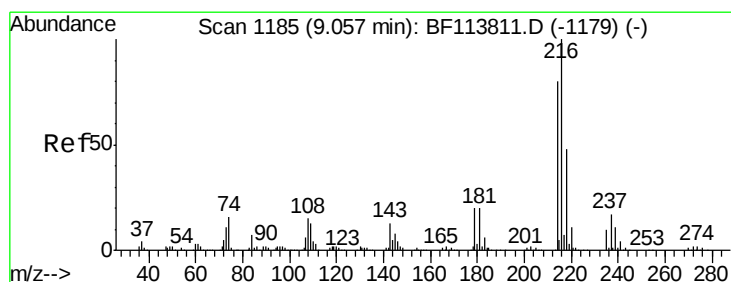
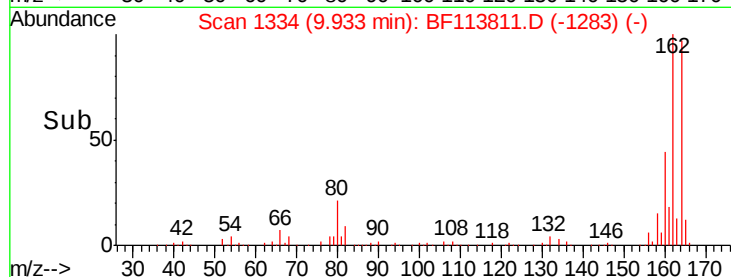
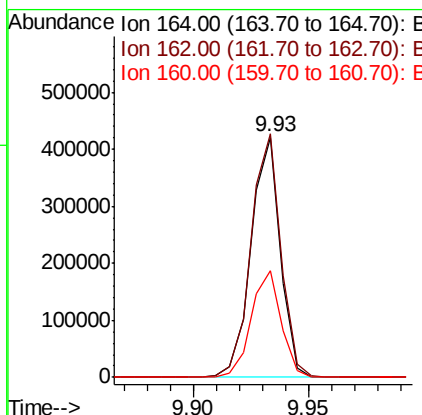
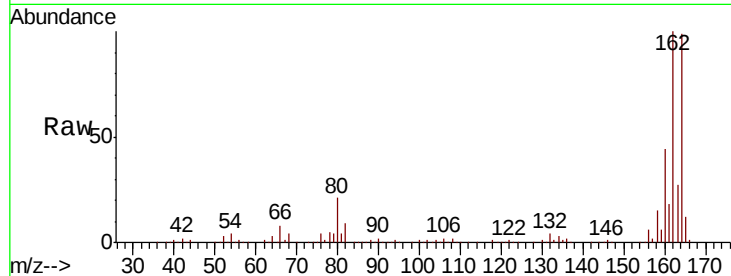
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.93 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.4 | 81.1  | 121.7 |
| 160     | 44.7  | 35.8  | 53.6  |

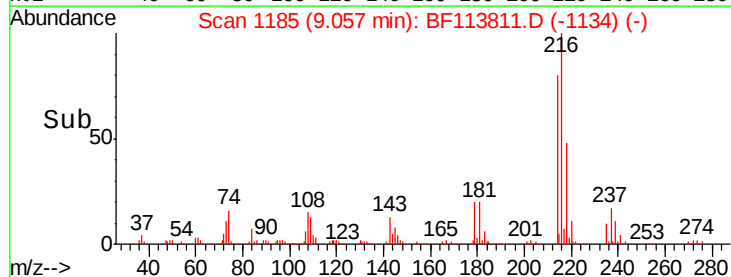
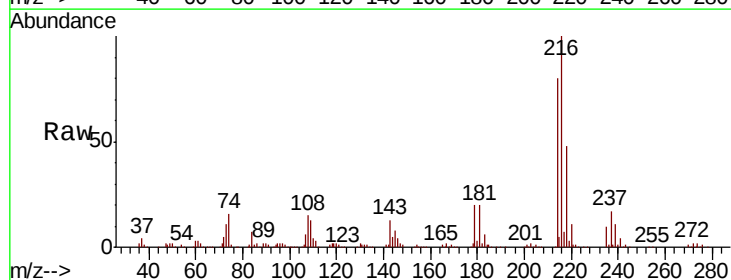
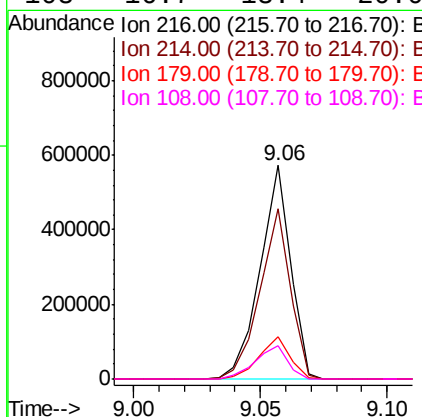
Manual Integrations  
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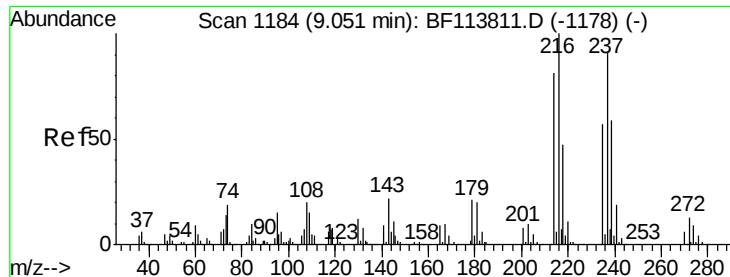
Sohil  
4/23/2019 8:16:31 AM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.836 ng  
RT: 9.06 min Scan# 1185  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.4  | 63.5  | 95.3  |
| 179     | 20.1  | 16.1  | 24.1  |
| 108     | 16.7  | 13.4  | 20.0  |





#41

Hexachlorocyclopentadiene

Concen: 74.116 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA\_F

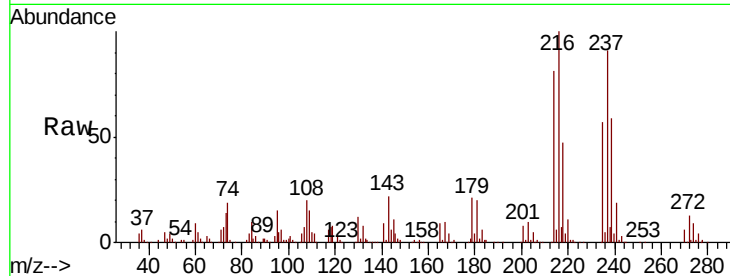
ClientSampleId :

SSTDICCC040

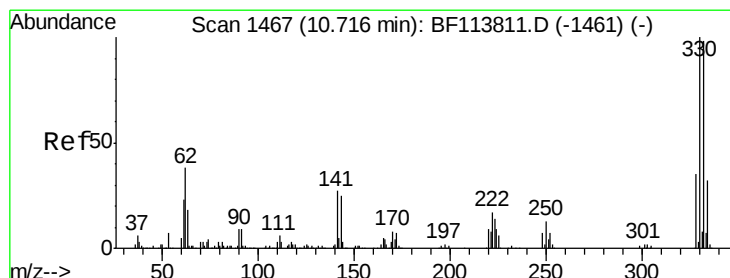
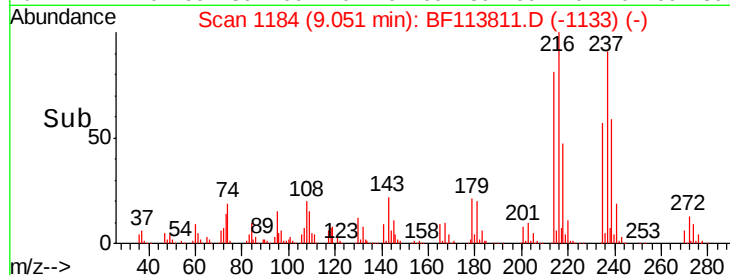
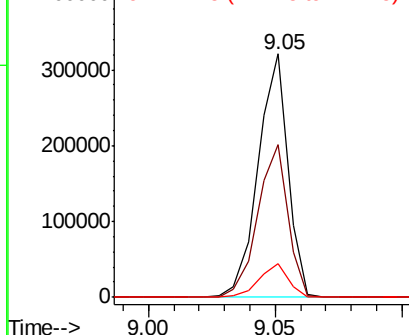
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 265220 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 62.6  | 42.6  | 82.6   |
| 272       | 13.8  | 0.0   | 33.8   |

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



#42

2,4,6-Tribromophenol

Concen: 75.363 ng

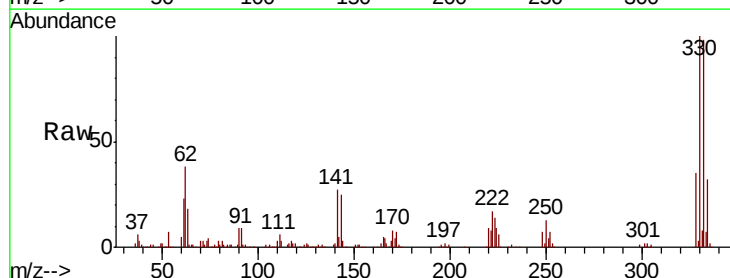
RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

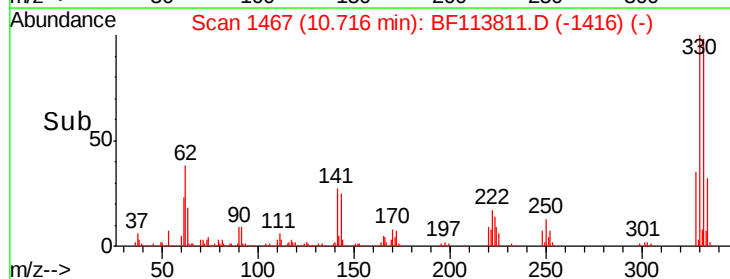
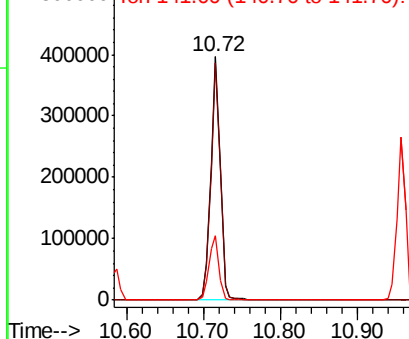
Lab File: BF113811.D

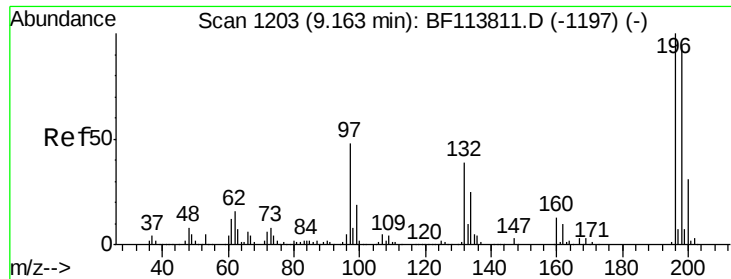
Acq: 18 Apr 2019 9:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 337197 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.9  | 77.5  | 116.3  |
| 141       | 27.7  | 22.2  | 33.2   |



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





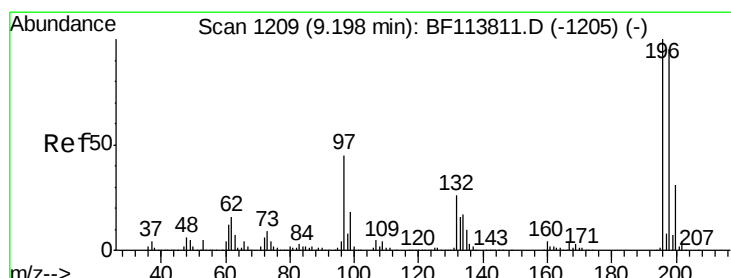
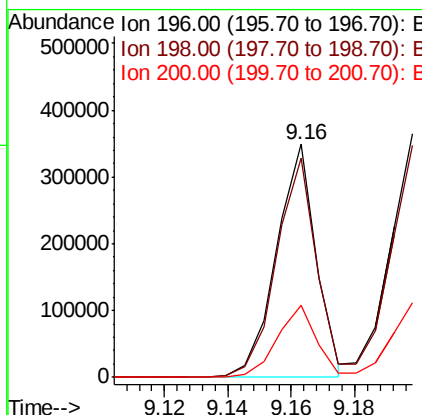
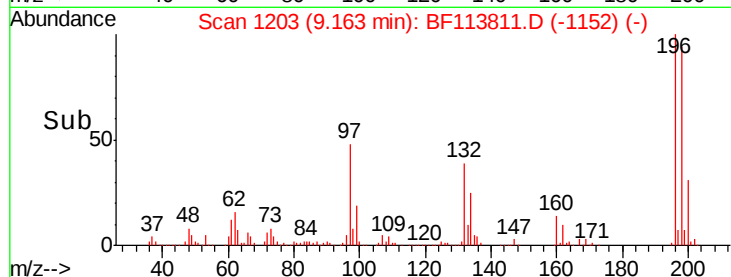
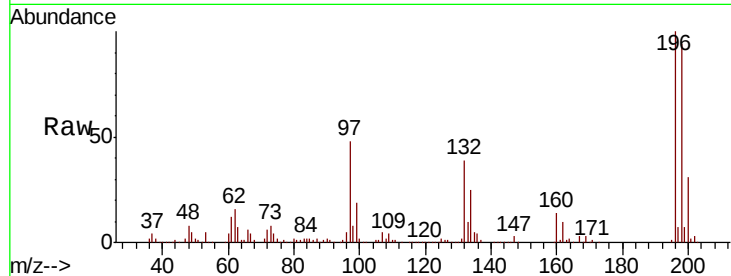
#43  
 2,4,6-Trichlorophenol  
 Concen: 39.877 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. 0.00 min  
 Lab File: BF113811.D  
 Acq: 18 Apr 2019 9:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 303216 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.5  | 75.6  | 113.4  |
| 200       | 30.9  | 24.7  | 37.1   |

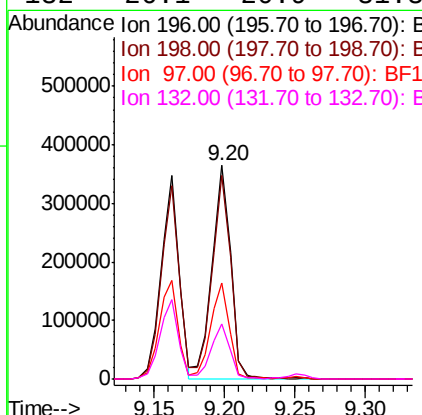
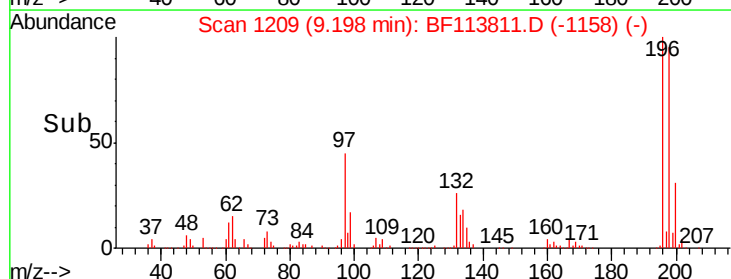
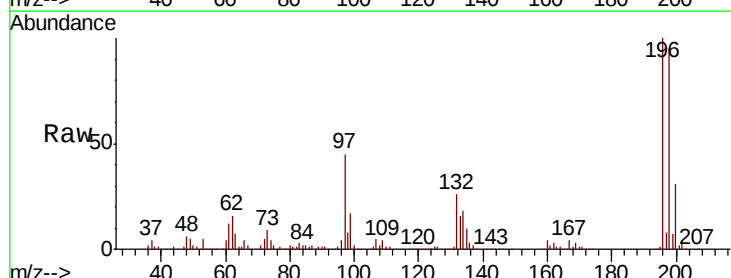
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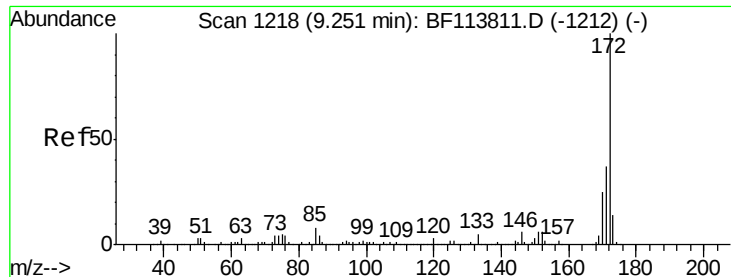
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#44  
 2,4,5-Trichlorophenol  
 Concen: 40.942 ng  
 RT: 9.20 min Scan# 1209  
 Delta R.T. 0.00 min  
 Lab File: BF113811.D  
 Acq: 18 Apr 2019 9:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 334224 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.3  | 76.2  | 114.4  |
| 97        | 44.8  | 35.8  | 53.8   |
| 132       | 26.1  | 20.9  | 31.3   |





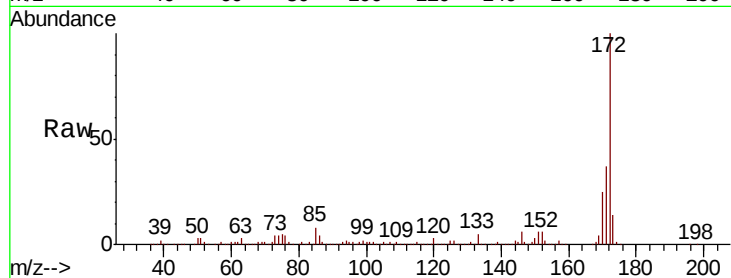
#45  
2-Fluorobiphenyl  
Concen: 80.580 ng  
RT: 9.25 min Scan# 1218  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.7  | 29.4  | 44.0  |
| 170     | 24.9  | 19.9  | 29.9  |

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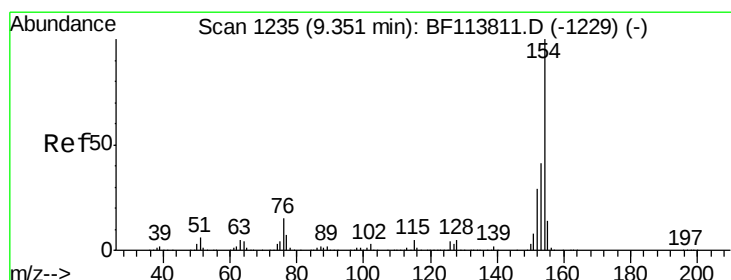
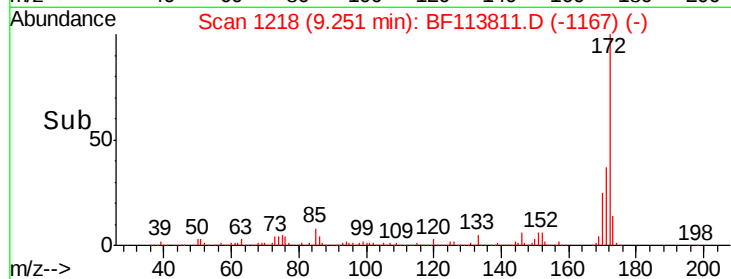
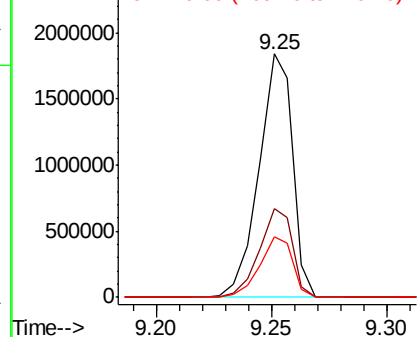


Abundance

Ion 172.00 (171.70 to 172.70): E

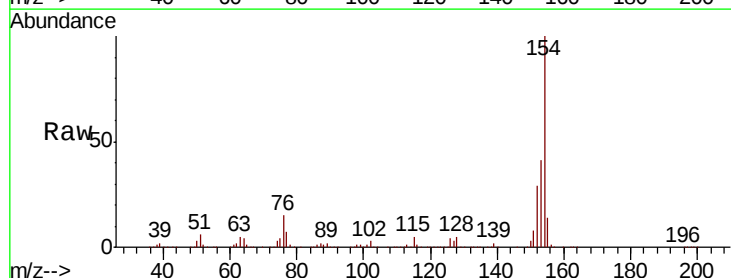
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46  
1,1'-Biphenyl  
Concen: 37.457 ng  
RT: 9.35 min Scan# 1235  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.8  | 20.8  | 60.8  |
| 76      | 15.2  | 0.0   | 35.2  |

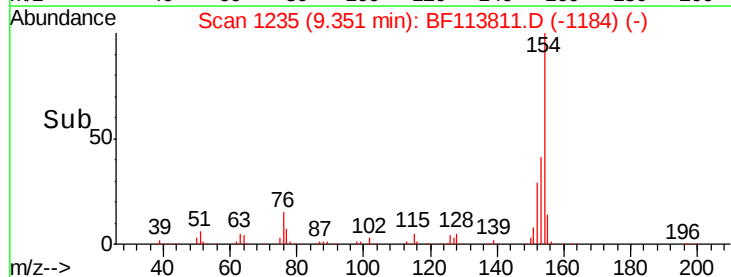
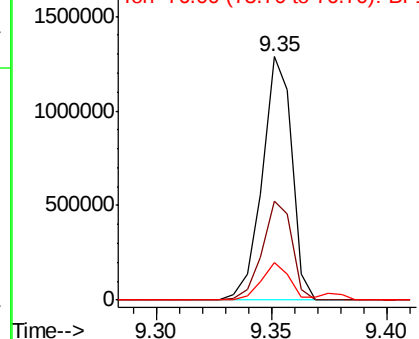


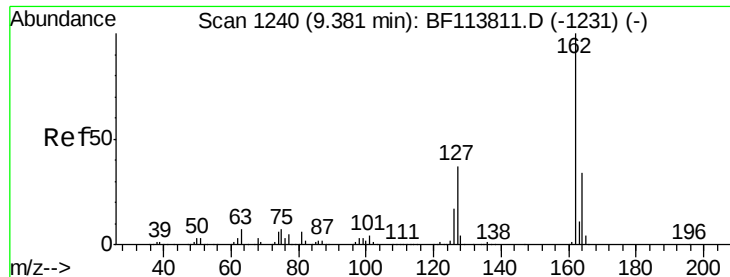
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 40.174 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA\_F

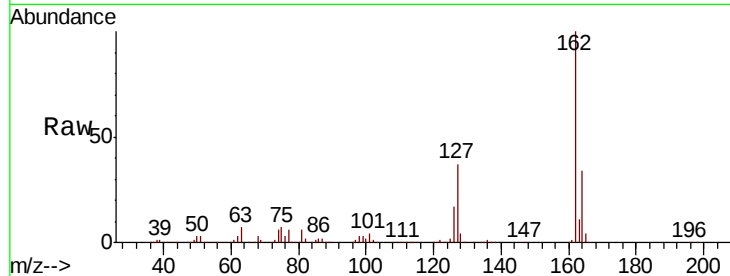
ClientSampleId :

SSTDICCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 162     | 100  |       |      |       |       |
| 127     | 36.6 | 29.3  | 43.9 |       |       |
| 164     | 33.9 | 27.1  | 40.7 |       |       |

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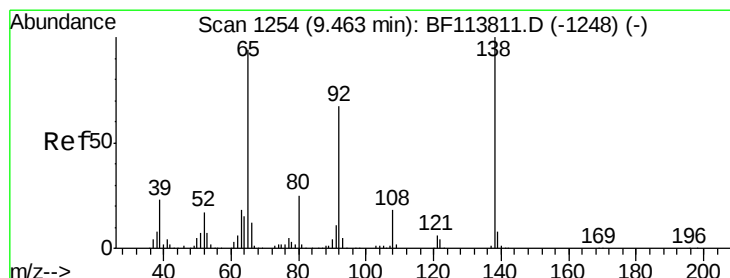
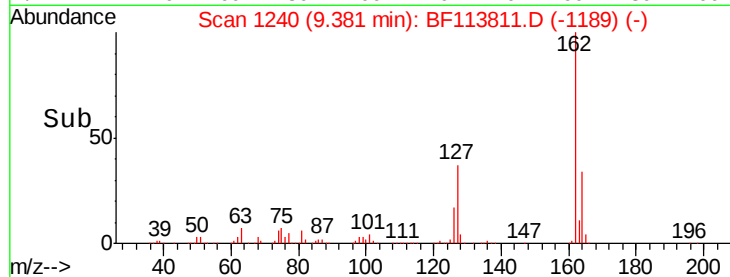
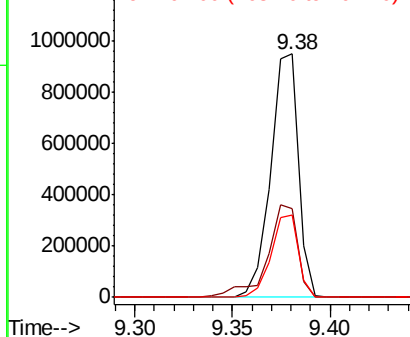


Abundance

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: 34.583 ng

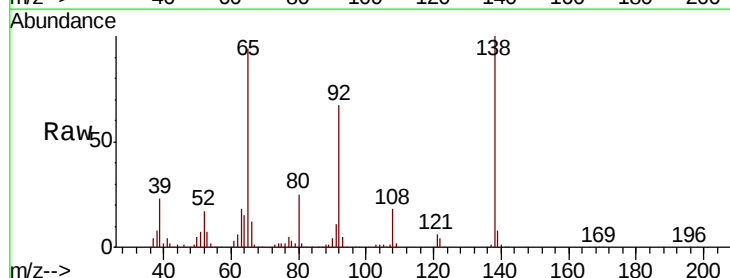
RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 65      | 100   |       |       |       |       |
| 92      | 71.7  | 57.4  | 86.0  |       |       |
| 138     | 106.7 | 85.4  | 128.0 |       |       |

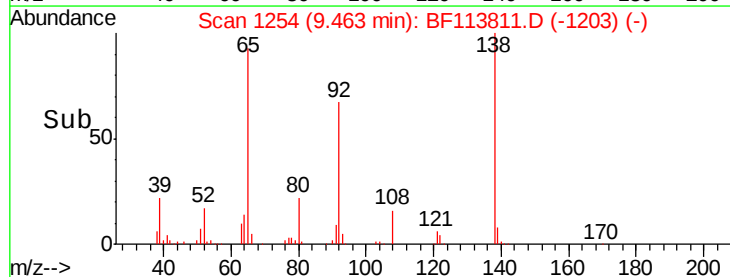
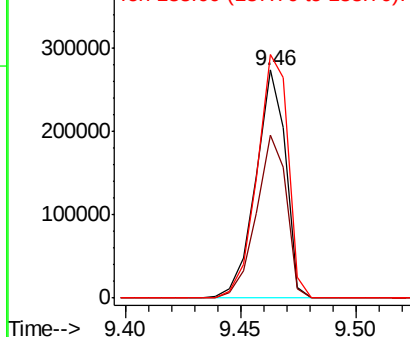


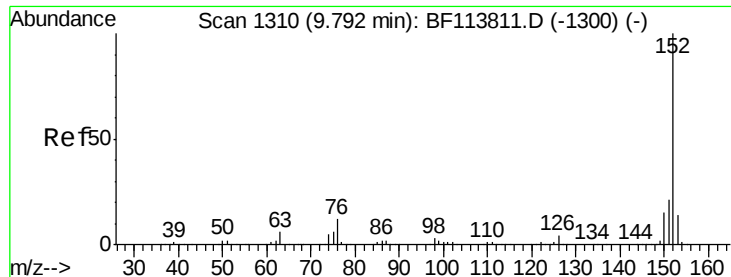
Abundance

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: 38.970 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion:152 Resp: 1474684

Ion Ratio Lower Upper

152 100

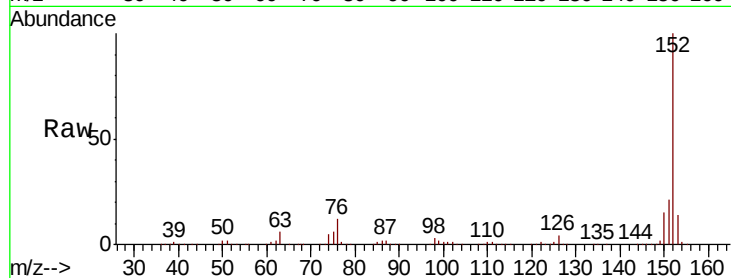
151 21.2 17.0 25.4

153 13.8 11.0 16.6

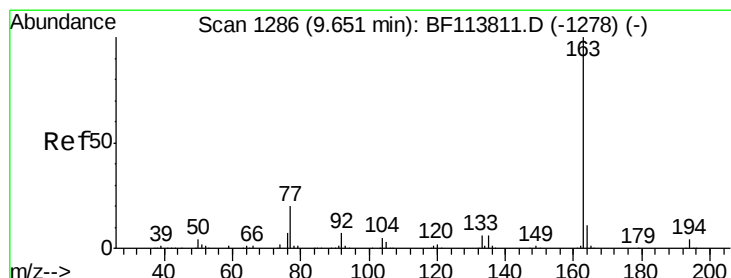
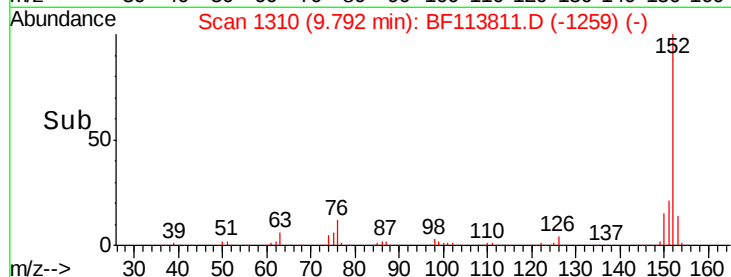
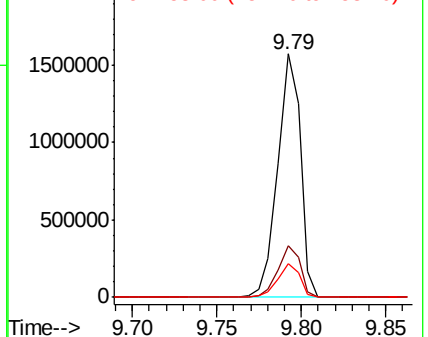
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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.603 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

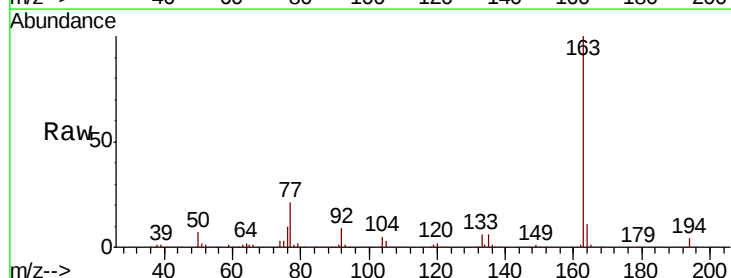
Tgt Ion:163 Resp: 1059879

Ion Ratio Lower Upper

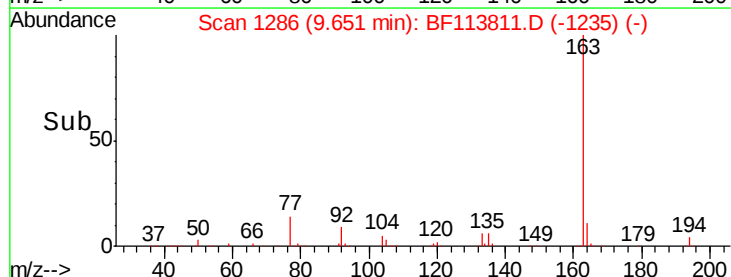
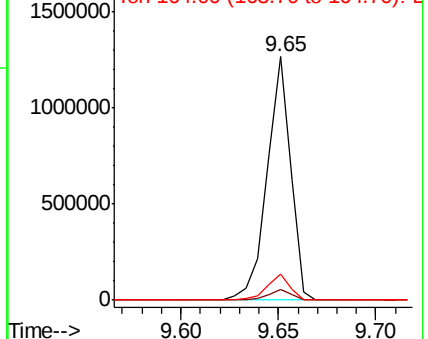
163 100

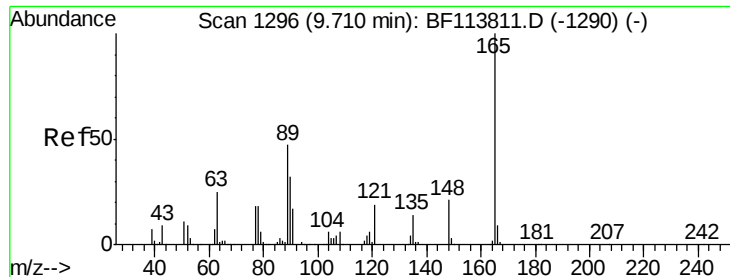
194 4.3 3.4 5.2

164 10.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.510 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA\_F

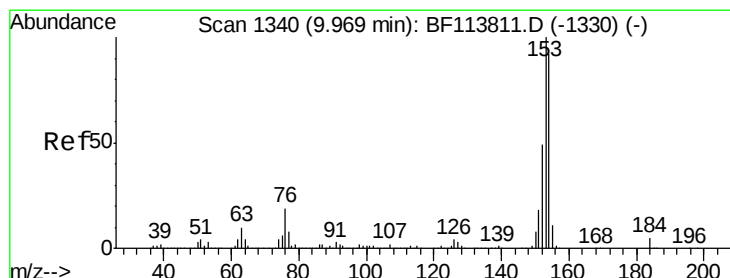
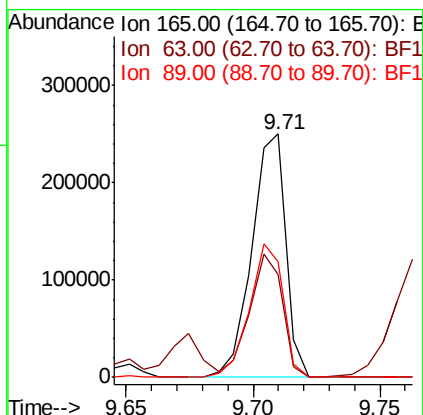
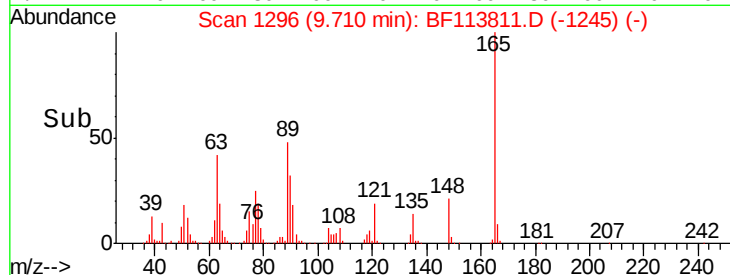
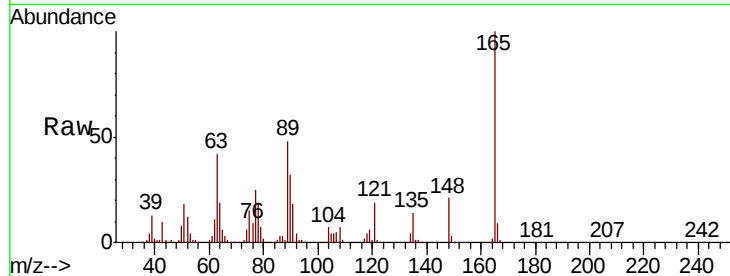
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 165   | Resp: | 233065 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 42.3  | 33.8  | 50.8   |
| 89        | 47.7  | 38.2  | 57.2   |

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#52

Acenaphthene

Concen: 39.450 ng

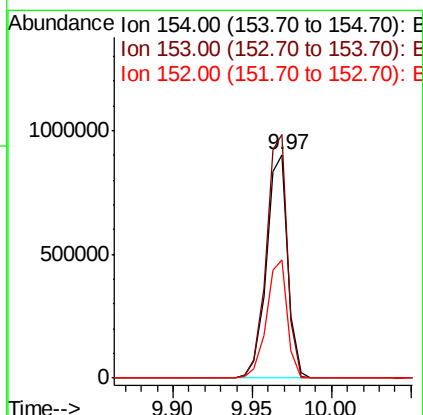
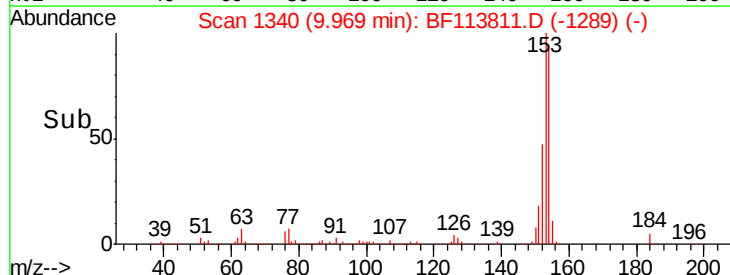
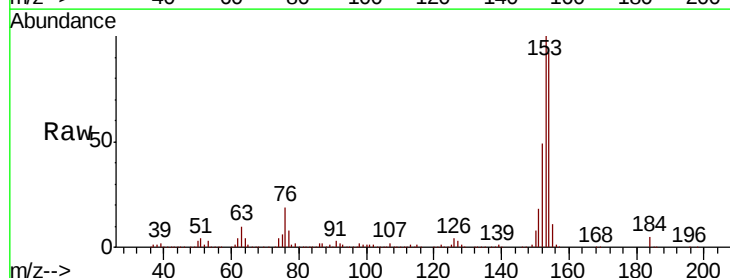
RT: 9.97 min Scan# 1340

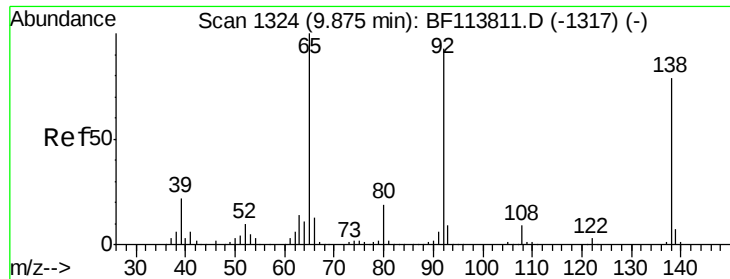
Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 854546 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 109.0 | 87.2  | 130.8  |
| 152       | 52.9  | 42.3  | 63.5   |





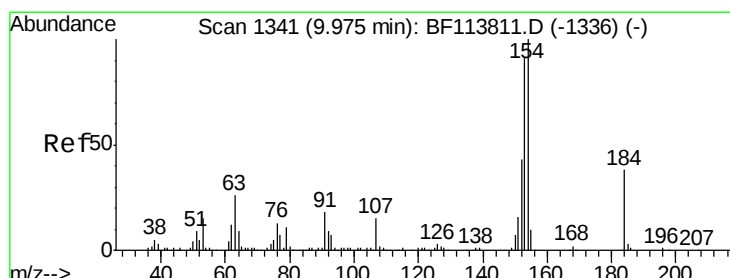
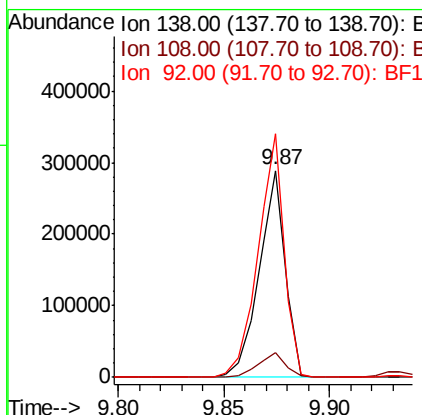
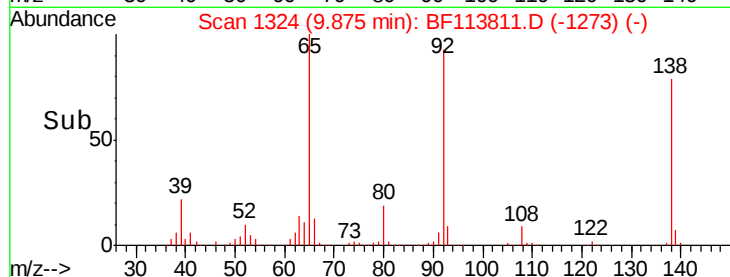
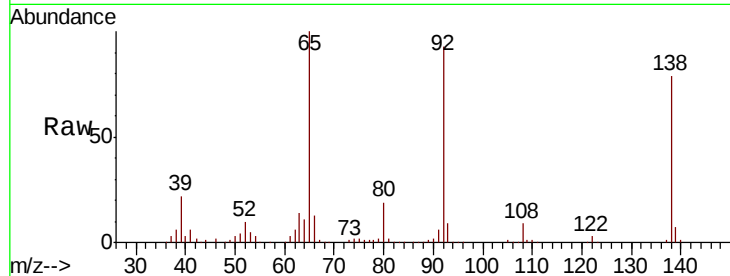
#53  
3-Nitroaniline  
Concen: 36.064 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.8  | 9.4   | 14.2  |
| 92      | 117.6 | 94.1  | 141.1 |

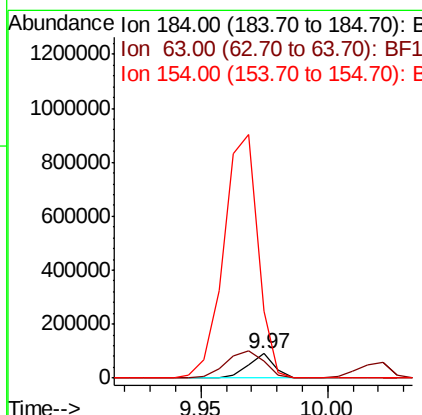
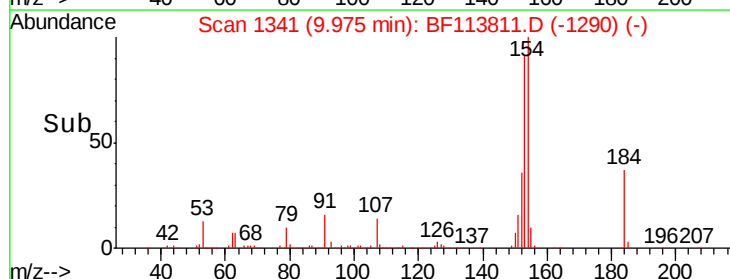
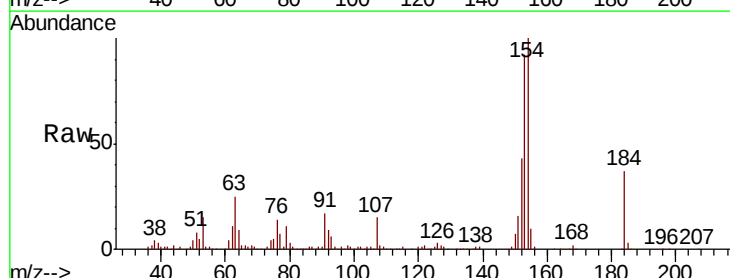
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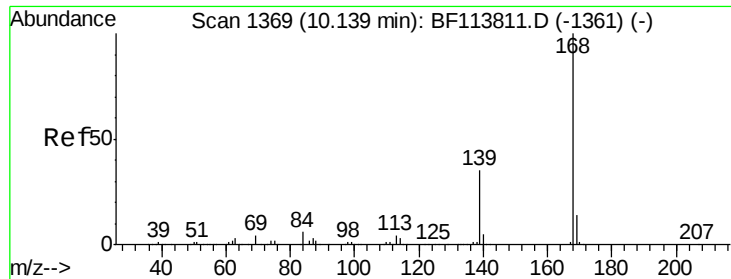
Sohil  
4/23/2019 8:16:31 AM



#54  
2,4-Dinitrophenol  
Concen: 23.568 ng  
RT: 9.97 min Scan# 1341  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 68.2  | 54.6  | 81.8  |
| 154     | 273.3 | 218.6 | 328.0 |





#55

Dibenzofuran

Concen: 40.693 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion:168 Resp: 1293041

Ion Ratio Lower Upper

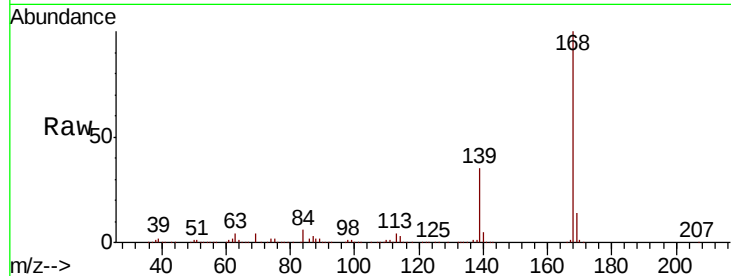
168 100

139 34.7 27.8 41.6

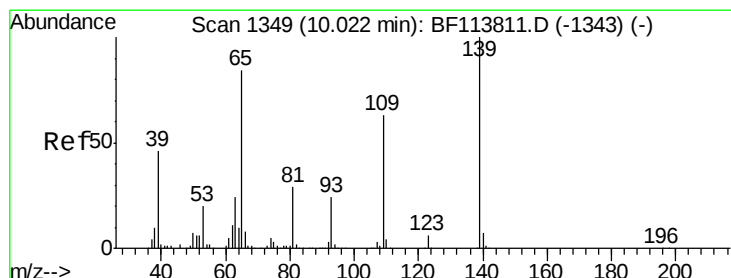
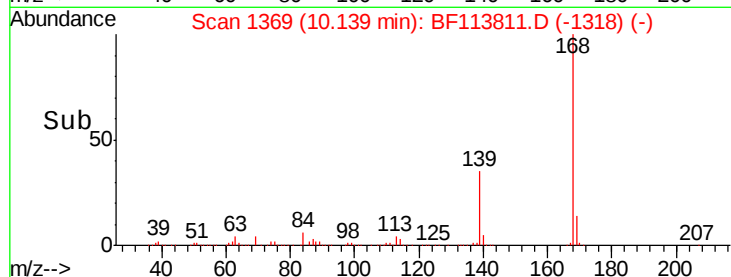
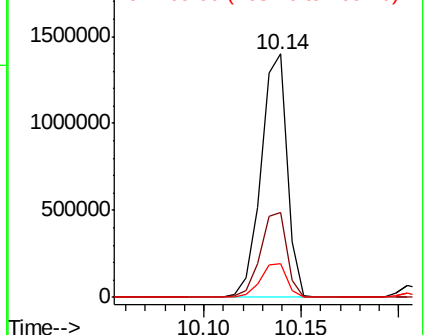
169 13.8 11.0 16.6

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



#56

4-Nitrophenol

Concen: 47.883 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

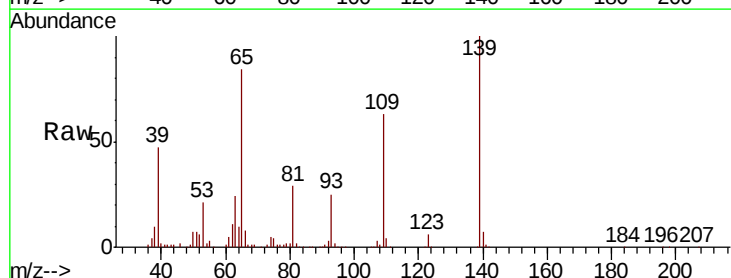
Tgt Ion:139 Resp: 204385

Ion Ratio Lower Upper

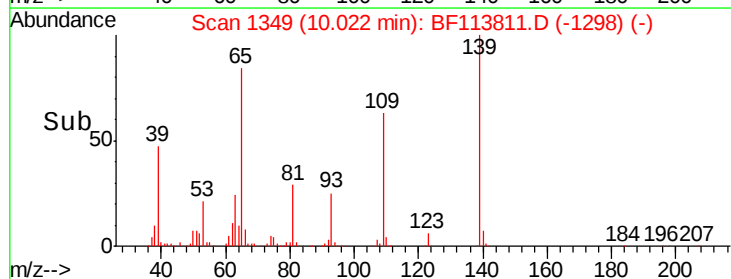
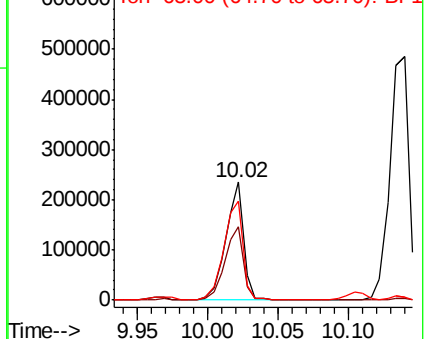
139 100

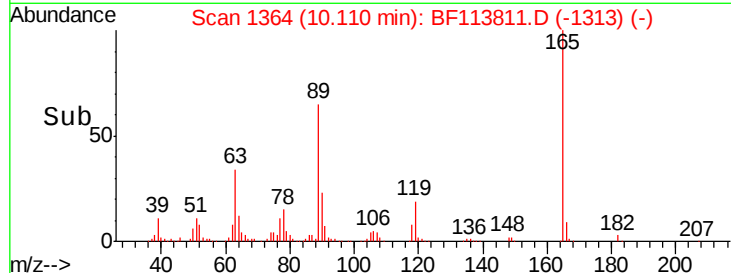
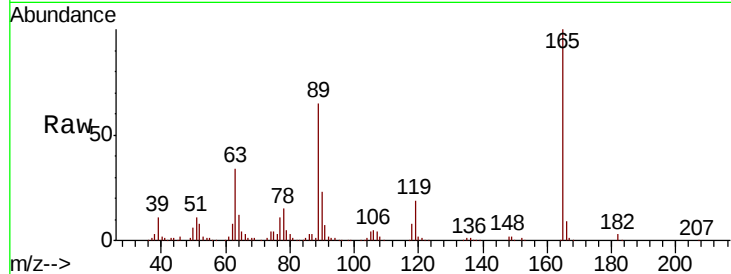
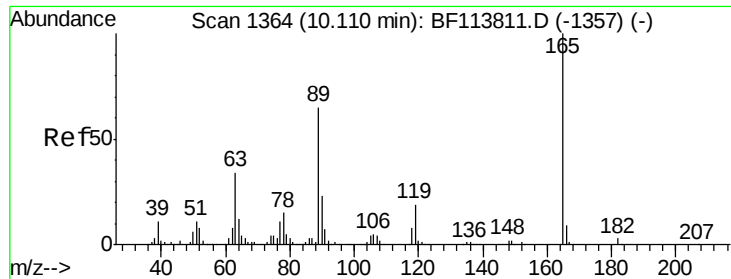
109 62.9 42.9 82.9

65 84.4 64.4 104.4



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





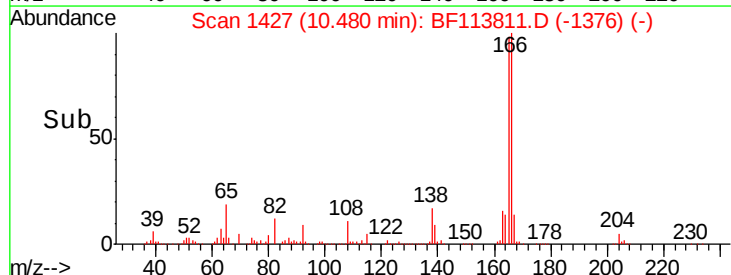
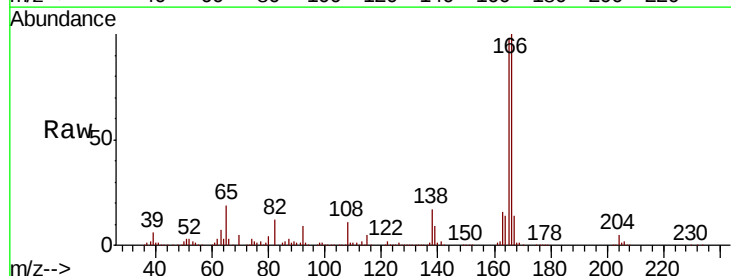
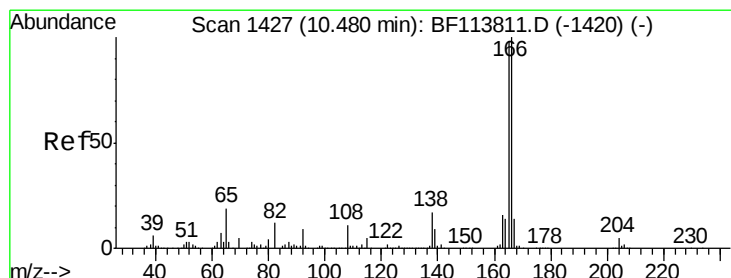
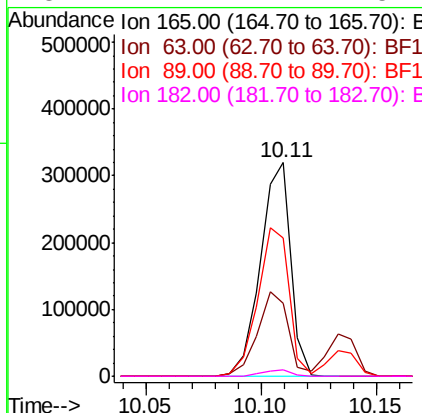
#57  
2,4-Dinitrotoluene  
Concen: 39.848 ng  
RT: 10.11 min Scan# 1364  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 291669 |       |       |
| 63      | 34.2 |       | 27.4   | 41.0  |       |
| 89      | 64.7 |       | 51.8   | 77.6  |       |
| 182     | 2.7  |       | 2.2    | 3.2   |       |

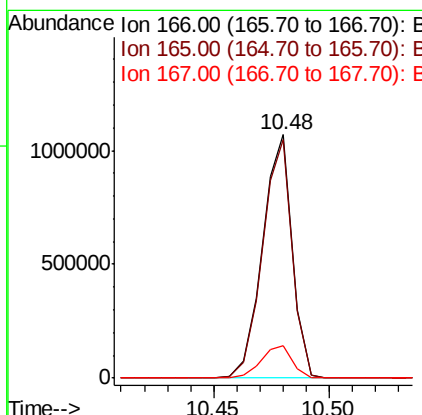
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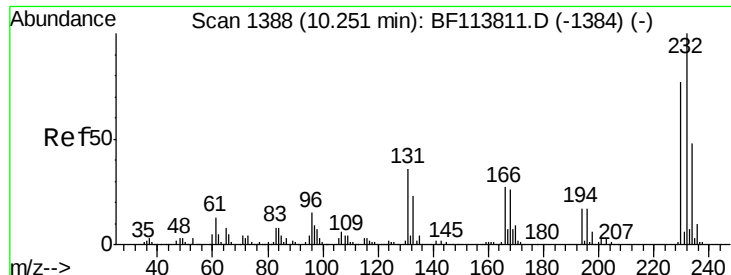
Sohil  
4/23/2019 8:16:31 AM



#58  
Fluorene  
Concen: 38.045 ng  
RT: 10.48 min Scan# 1427  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 166     | 100  |       | 956136 |       |       |
| 165     | 98.0 |       | 78.4   | 117.6 |       |
| 167     | 13.6 |       | 10.9   | 16.3  |       |





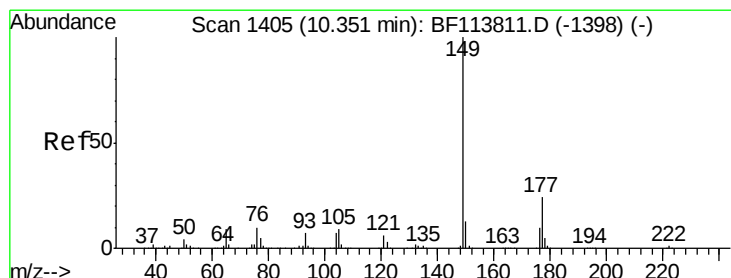
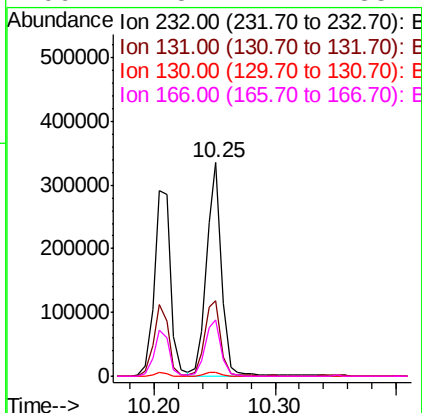
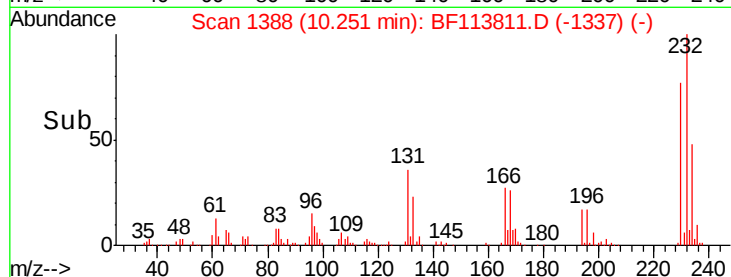
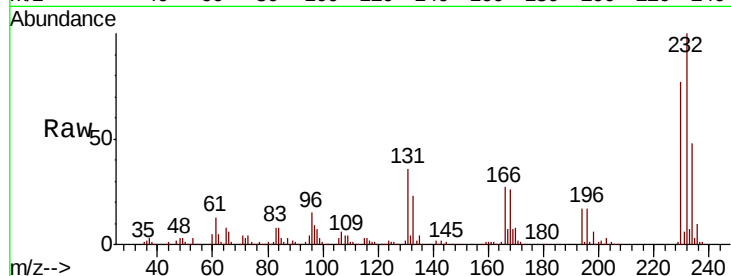
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.421 ng  
RT: 10.25 min Scan# 1388  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampled :  
SSTDICCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 285622 |       |       |
| 131     | 37.7  |        | 30.2  | 45.2  |
| 130     | 1.9   |        | 1.5   | 2.3   |
| 166     | 27.8  |        | 22.2  | 33.4  |

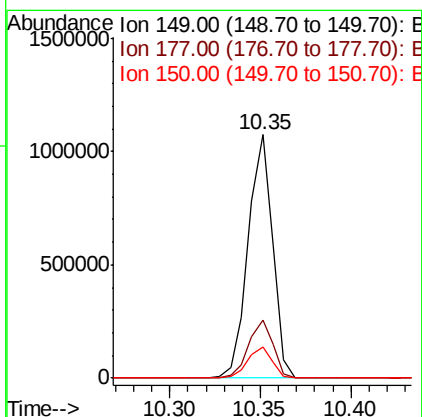
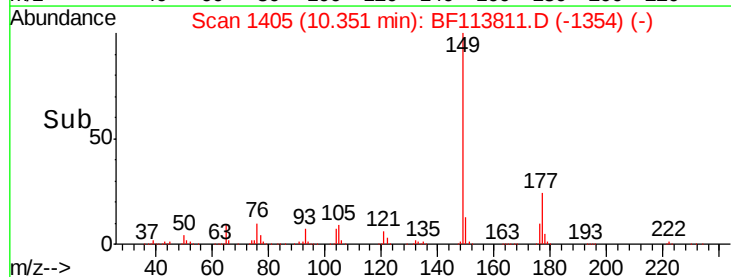
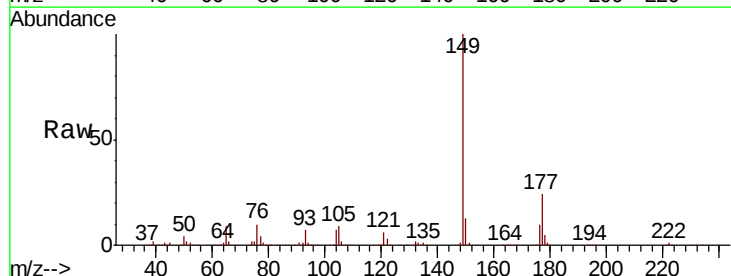
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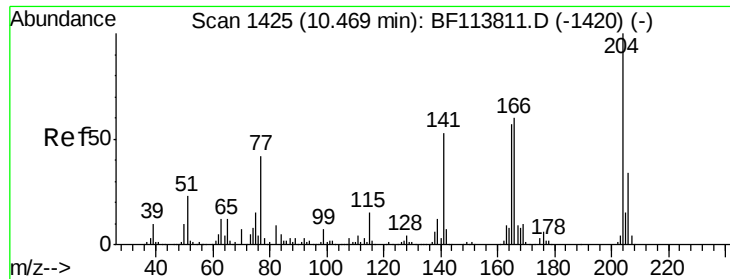
Sohil  
4/23/2019 8:16:31 AM



#60  
Diethylphthalate  
Concen: 38.035 ng  
RT: 10.35 min Scan# 1405  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 1006845 |       |       |
| 177     | 24.0  |         | 19.2  | 28.8  |
| 150     | 12.9  |         | 10.3  | 15.5  |





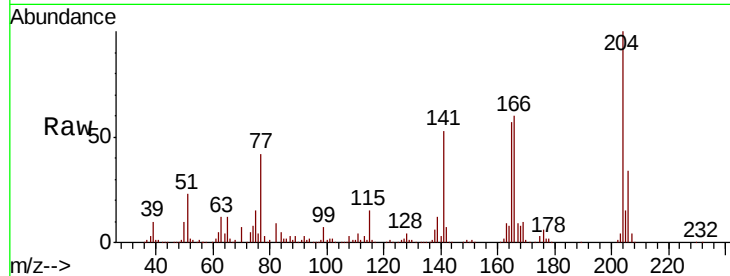
#61  
 4-Chlorophenyl-phenylether  
 Concen: 40.212 ng  
 RT: 10.47 min Scan# 1425  
 Delta R.T. 0.00 min  
 Lab File: BF113811.D  
 Acq: 18 Apr 2019 9:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

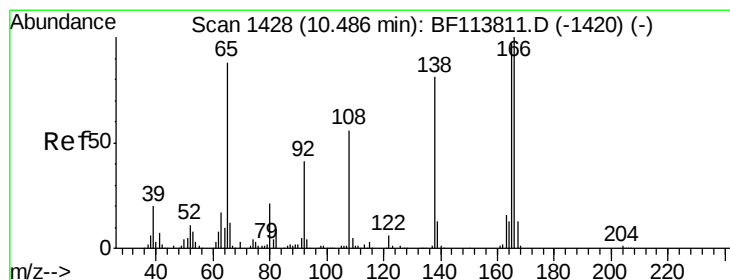
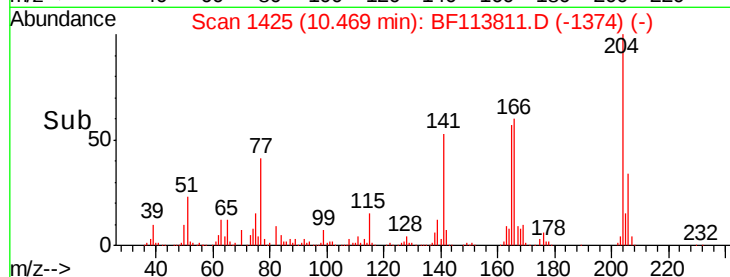
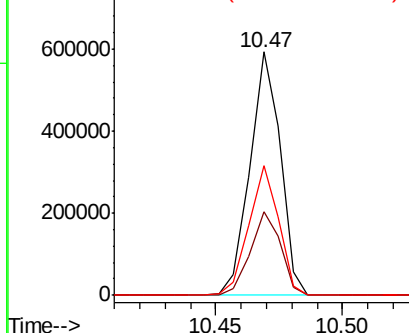
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.3  | 27.4  | 41.2  |
| 141     | 53.2  | 42.6  | 63.8  |

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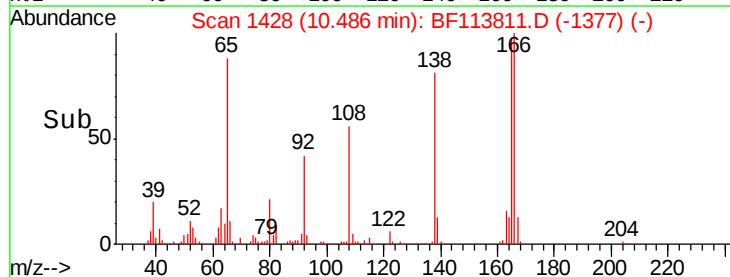
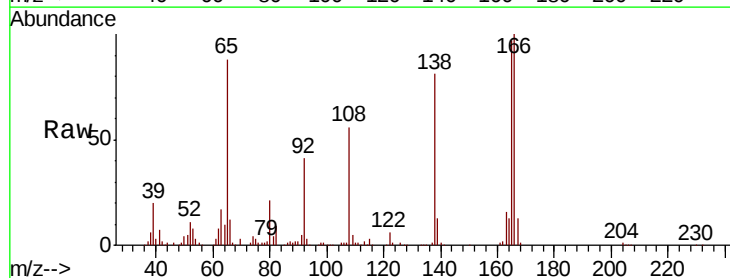
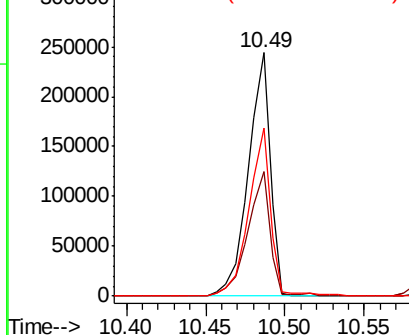
Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

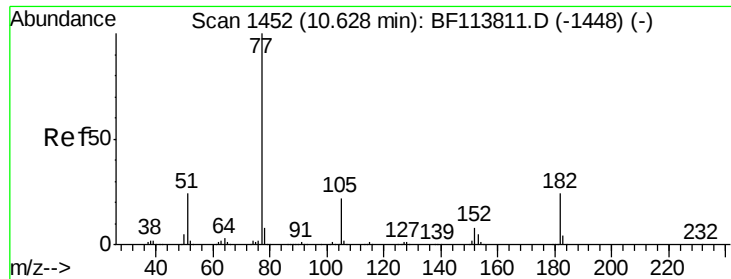


#62  
 4-Nitroaniline  
 Concen: 33.489 ng  
 RT: 10.49 min Scan# 1428  
 Delta R.T. 0.00 min  
 Lab File: BF113811.D  
 Acq: 18 Apr 2019 9:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.3  | 31.3  | 71.3  |
| 108     | 68.9  | 48.9  | 88.9  |

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: 41.769 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion: 77 Resp: 1046916

Ion Ratio Lower Upper

77 100

182 24.4 4.4 44.4

105 22.2 2.2 42.2

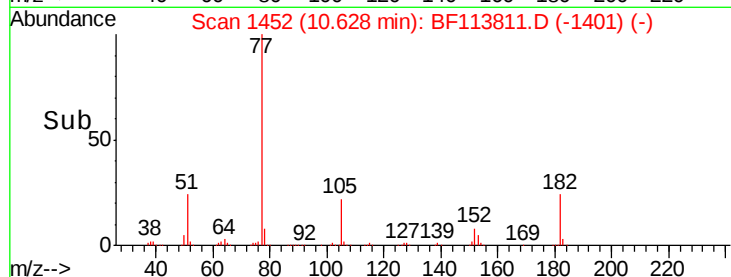
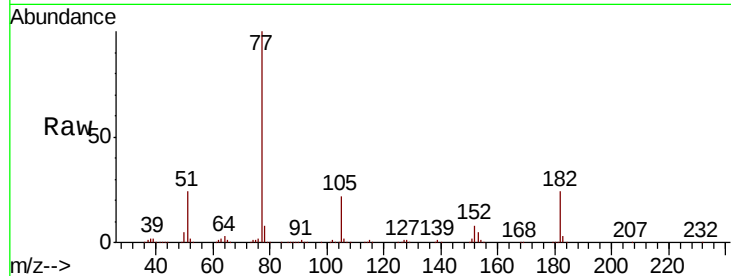
51 23.9 3.9 43.9

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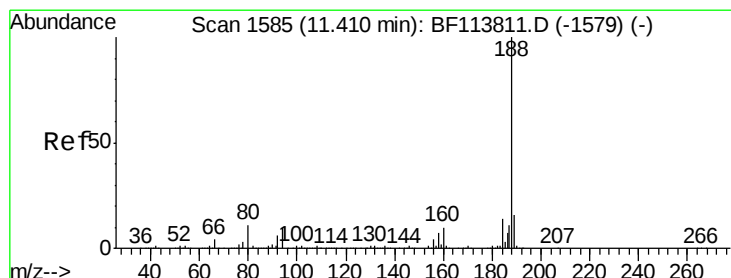
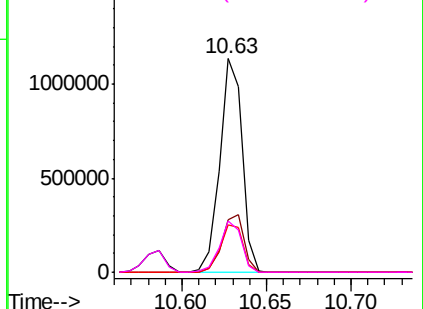


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

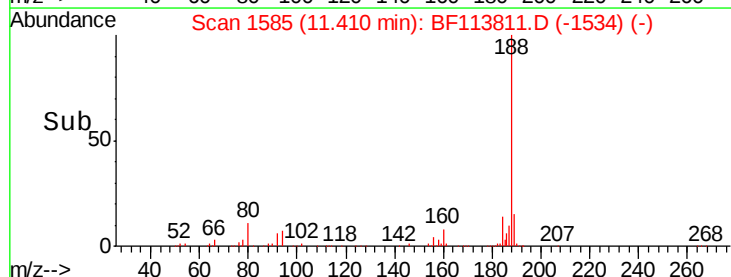
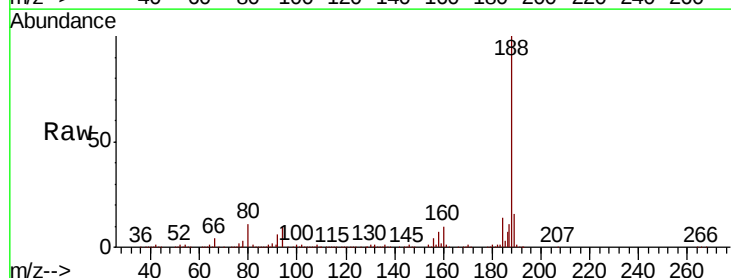
Tgt Ion: 188 Resp: 715940

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.4

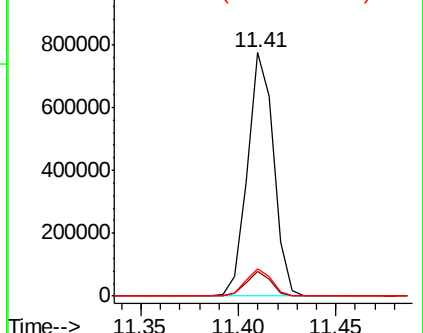
80 11.3 9.0 13.6

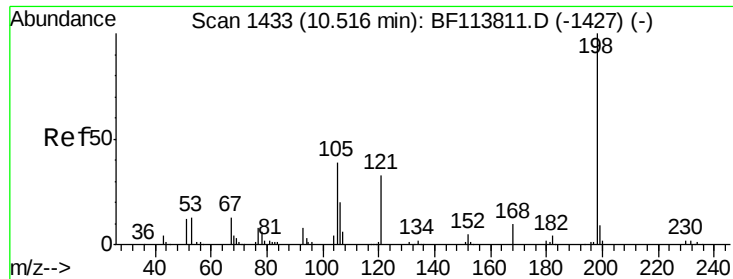


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 28.987 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA\_F

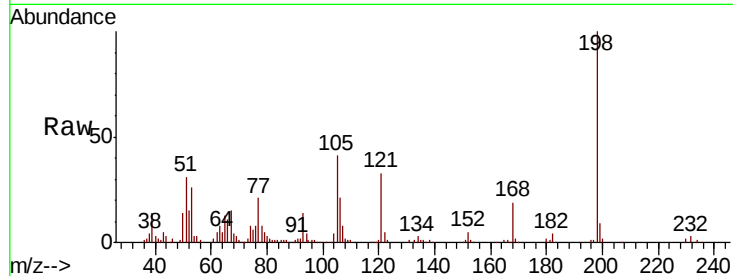
ClientSampleId :

SSTDICCC040

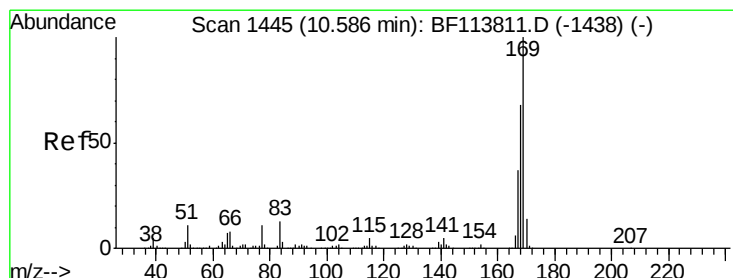
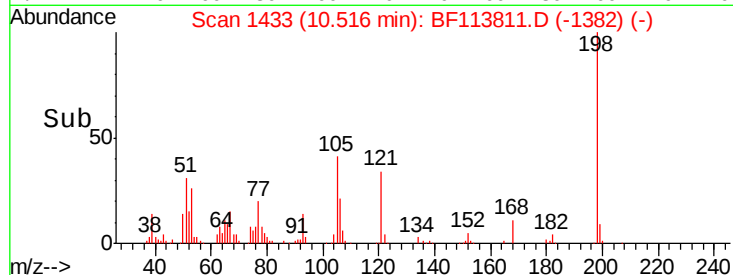
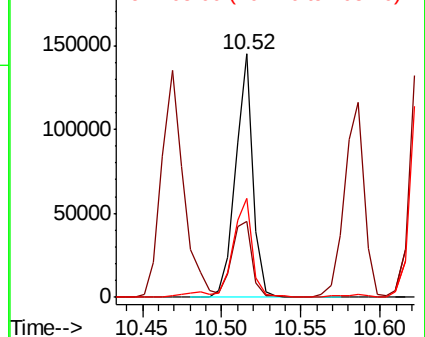
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 198   | Resp: | 109256 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 31.1  | 11.1  | 51.1   |
| 105       | 40.7  | 20.7  | 60.7   |

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Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.774 ng

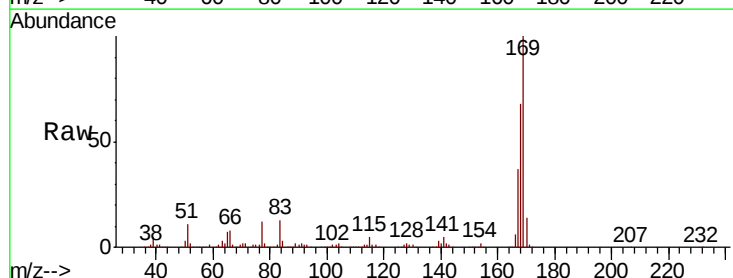
RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

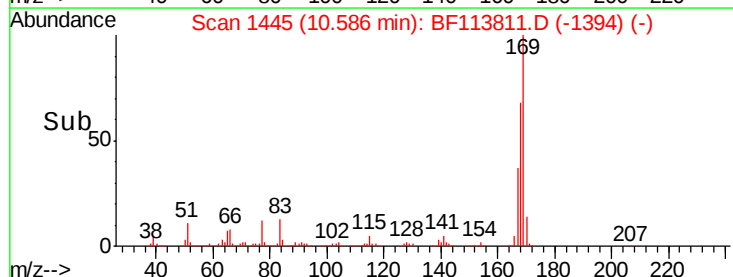
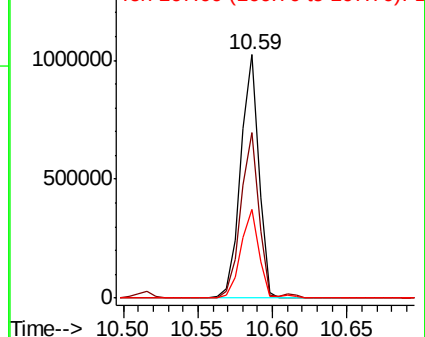
Lab File: BF113811.D

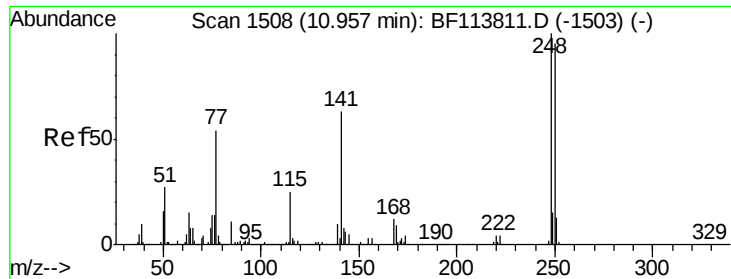
Acq: 18 Apr 2019 9:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 874197 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.9  | 54.3  | 81.5   |
| 167       | 36.7  | 29.4  | 44.0   |



Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E





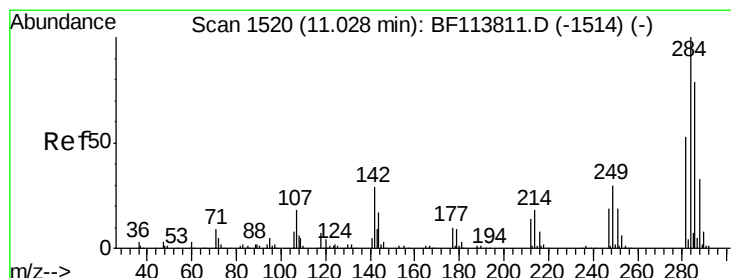
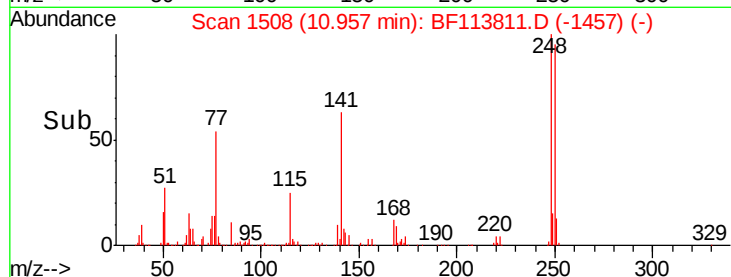
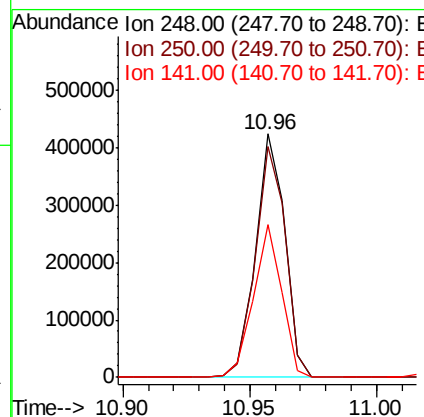
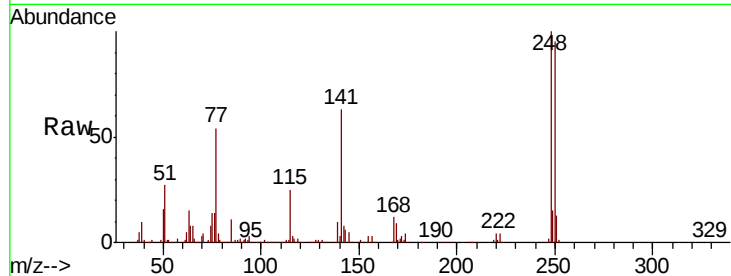
#67  
4-Bromophenyl-phenylether  
Concen: 42.701 ng  
RT: 10.96 min Scan# 1508  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampled :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 94.7  | 75.8  | 113.6 |
| 141     | 62.8  | 50.2  | 75.4  |

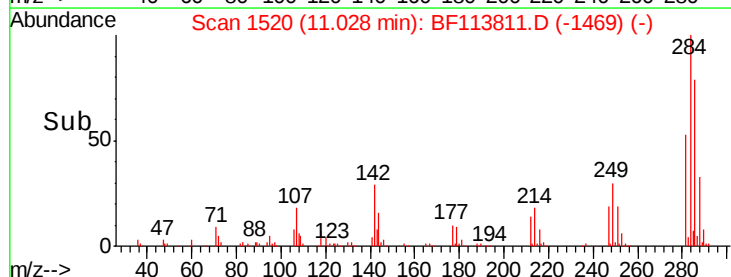
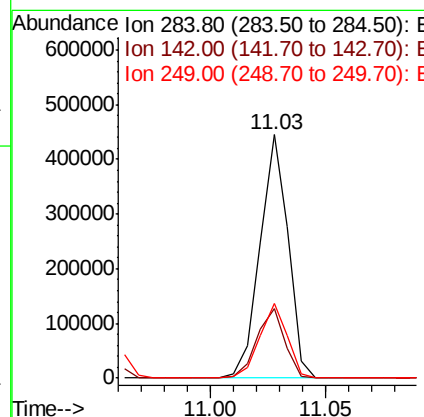
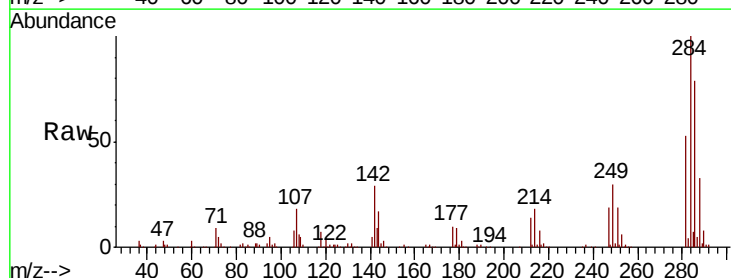
Manual Integrations  
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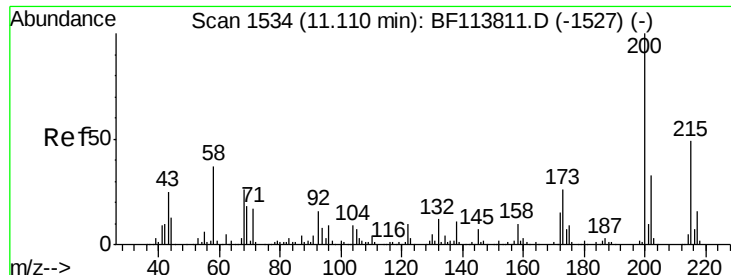
Sohil  
4/23/2019 8:16:31 AM



#68  
Hexachlorobenzene  
Concen: 41.007 ng  
RT: 11.03 min Scan# 1520  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 28.7  | 23.0  | 34.4  |
| 249     | 30.5  | 24.4  | 36.6  |





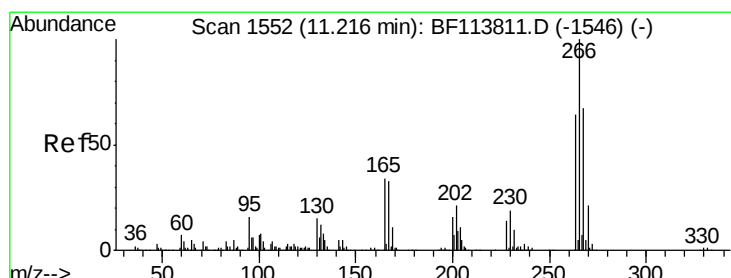
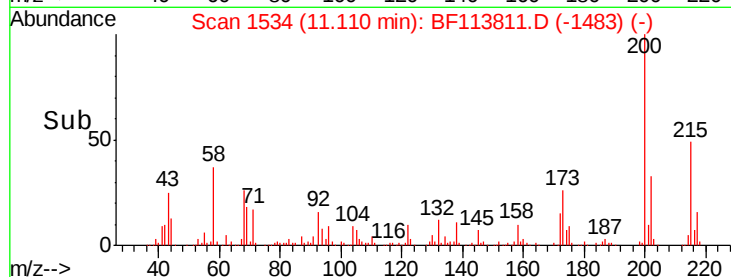
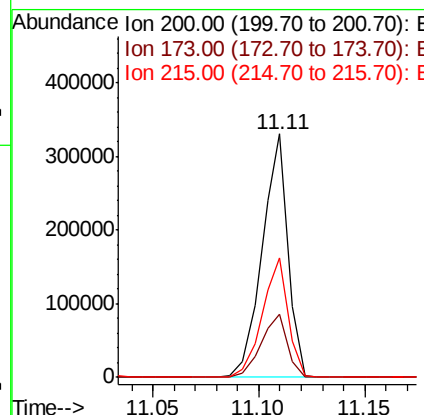
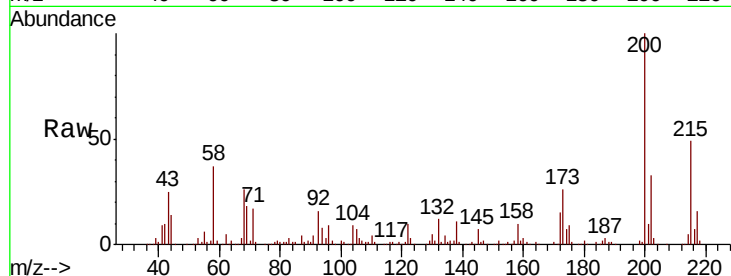
#69  
Atrazine  
Concen: 40.379 ng  
RT: 11.11 min Scan# 1534  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 25.9  | 5.9        | 45.9       |
| 215     | 49.3  | 29.3       | 69.3       |

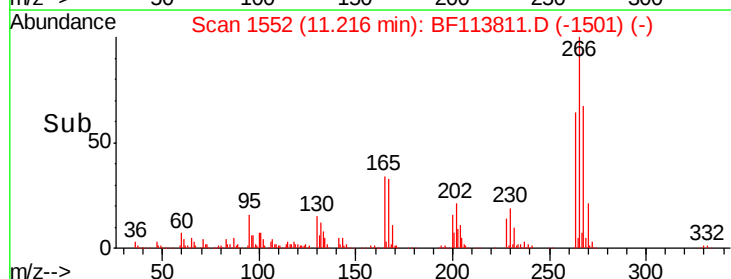
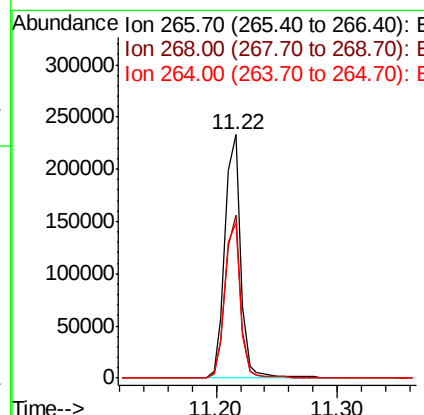
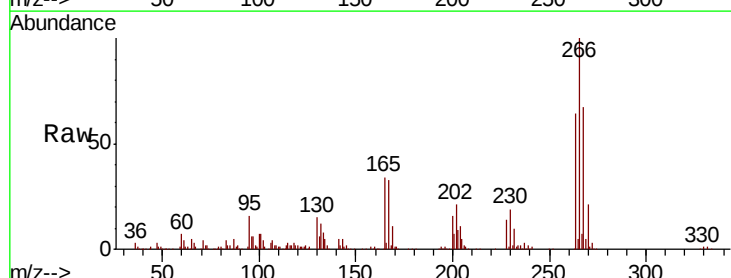
Manual Integrations  
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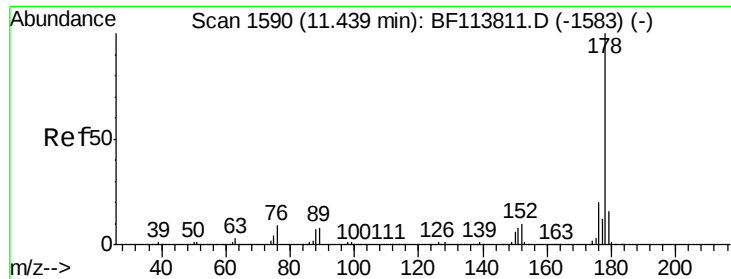
Sohil  
4/23/2019 8:16:31 AM



#70  
Pentachlorophenol  
Concen: 48.761 ng  
RT: 11.22 min Scan# 1552  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 266     | 100   |            |            |
| 268     | 66.9  | 53.5       | 80.3       |
| 264     | 63.8  | 51.0       | 76.6       |





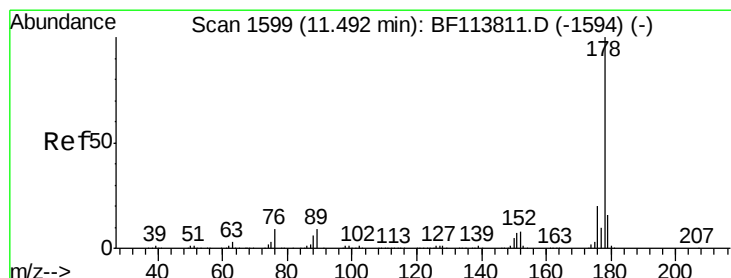
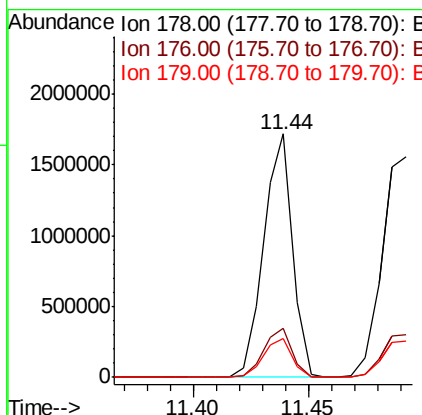
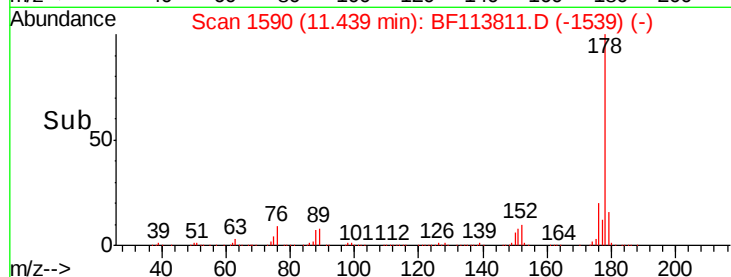
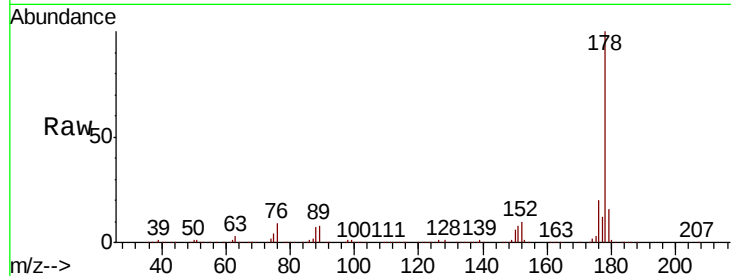
#71  
Phenanthrene  
Concen: 41.878 ng  
RT: 11.44 min Scan# 1590  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tot Ion:178 Resp: 1489835  
Ion Ratio Lower Upper  
178 100  
176 20.1 16.1 24.1  
179 16.0 12.8 19.2

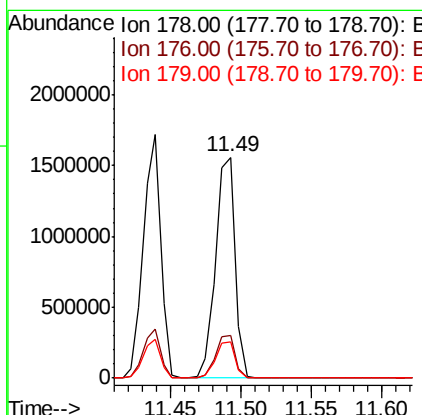
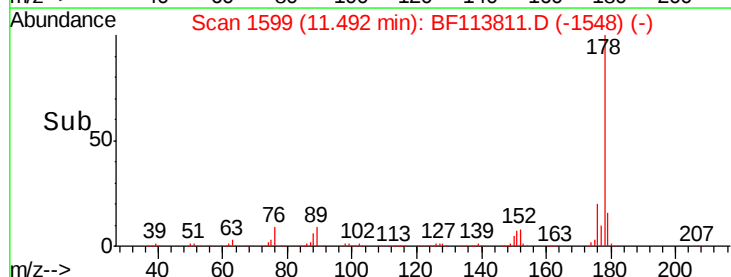
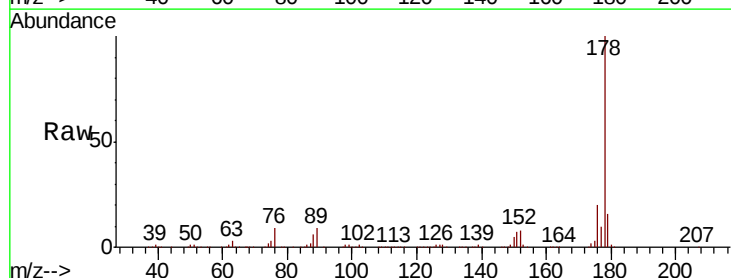
Manual Integrations  
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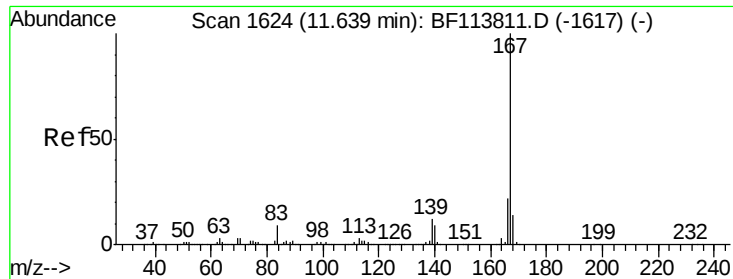
Sohil  
4/23/2019 8:16:31 AM



#72  
Anthracene  
Concen: 41.362 ng  
RT: 11.49 min Scan# 1599  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Tgt Ion:178 Resp: 1497125  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.7 23.5  
179 16.2 13.0 19.4





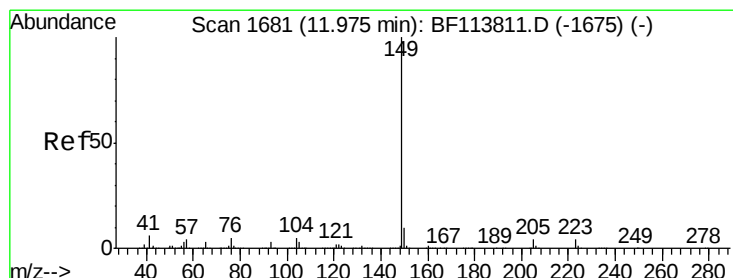
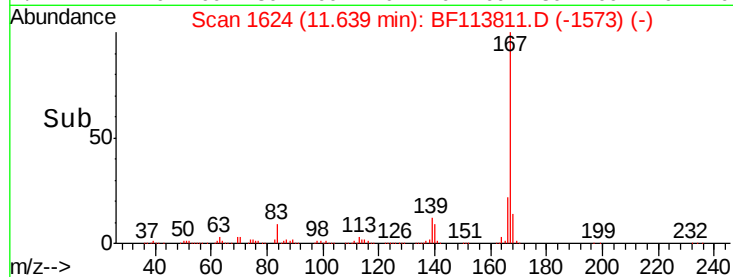
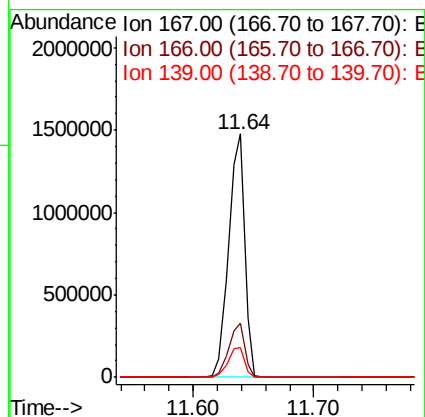
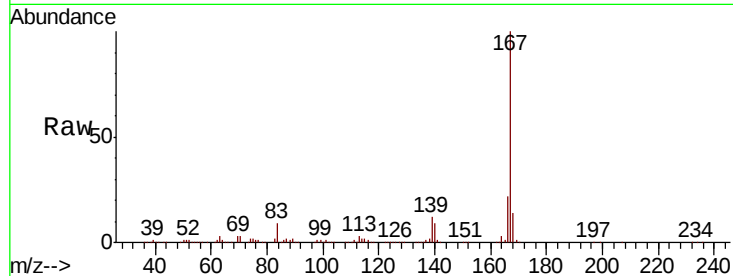
#73  
 Carbazole  
 Concen: 40.268 ng  
 RT: 11.64 min Scan# 1624  
 Delta R.T. 0.00 min  
 Lab File: BF113811.D  
 Acq: 18 Apr 2019 9:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 167     | 100  |       |       |       |
| 166     | 22.1 | 17.7  | 26.5  |       |
| 139     | 12.5 | 10.0  | 15.0  |       |

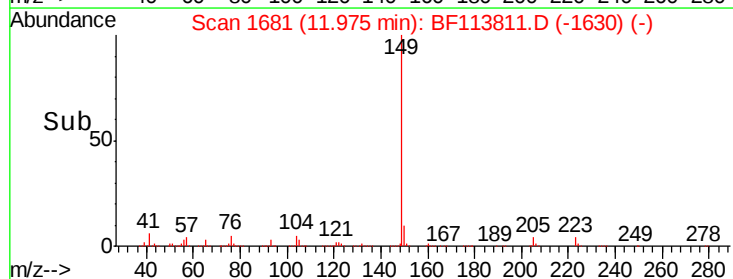
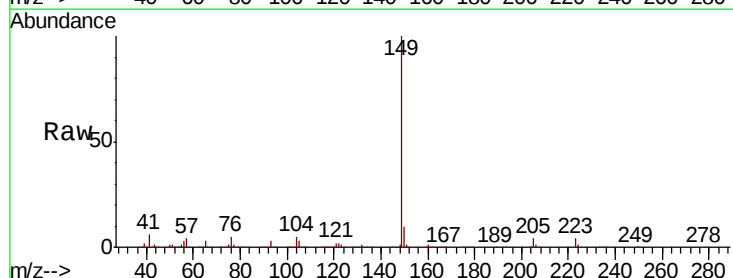
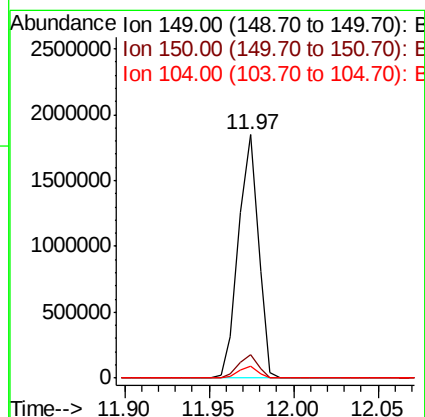
Manual Integrations  
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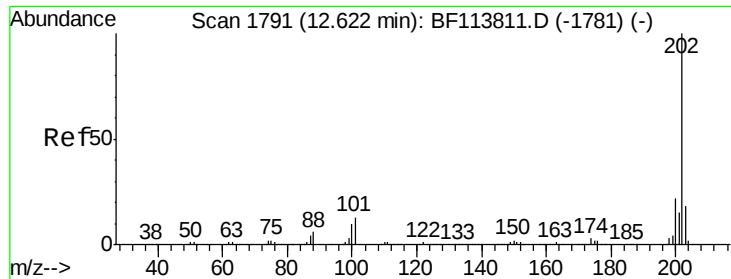
Sohil  
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#74  
 Di-n-butylphthalate  
 Concen: 37.789 ng  
 RT: 11.97 min Scan# 1681  
 Delta R.T. 0.00 min  
 Lab File: BF113811.D  
 Acq: 18 Apr 2019 9:04

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 149     | 100 |       |       |       |
| 150     | 9.8 | 7.8   | 11.8  |       |
| 104     | 4.8 | 3.8   | 5.8   |       |





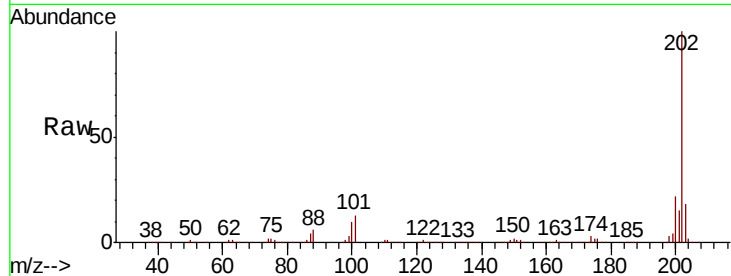
#75  
 Fluoranthene  
 Concen: 41.869 ng  
 RT: 12.62 min Scan# 1791  
 Delta R.T. 0.00 min  
 Lab File: BF113811.D  
 Acq: 18 Apr 2019 9:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

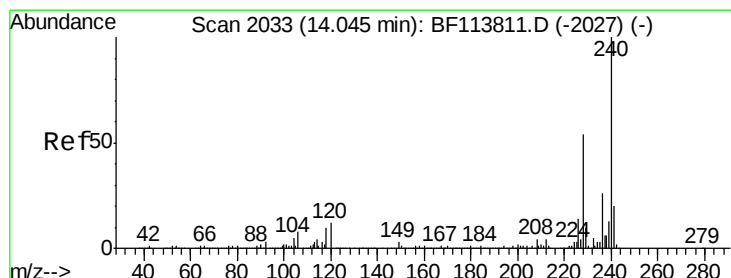
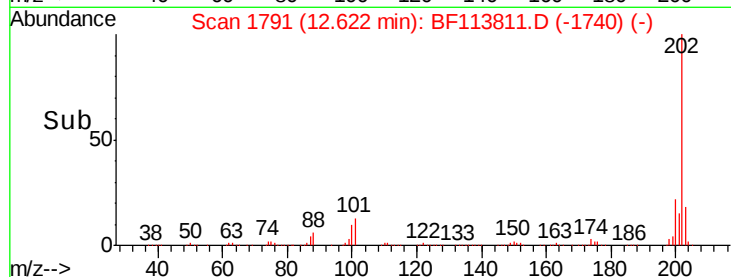
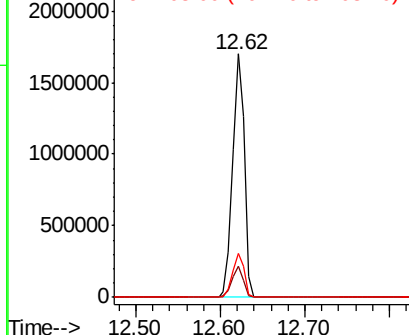
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.9  | 0.0   | 32.9  |
| 203     | 18.2  | 0.0   | 38.2  |

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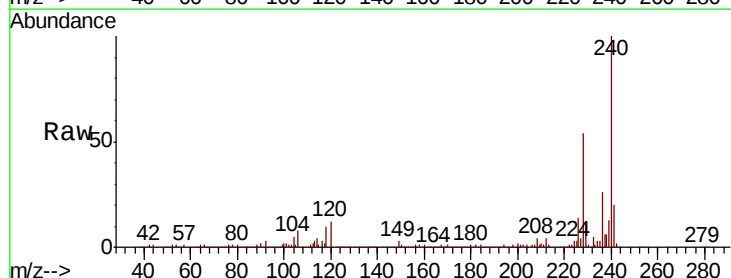


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

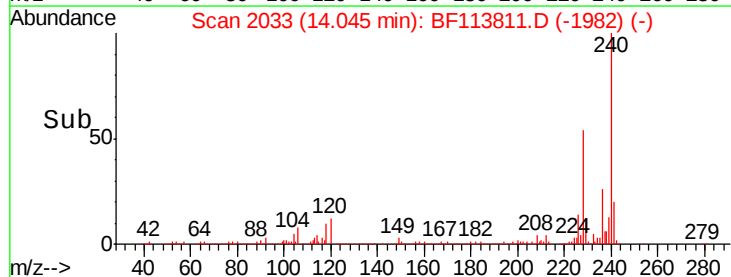
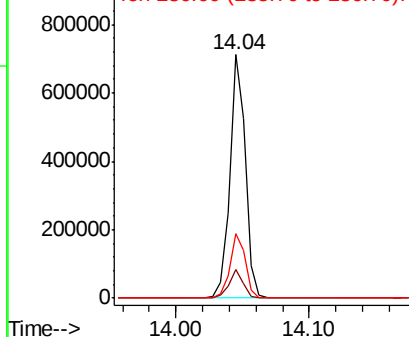


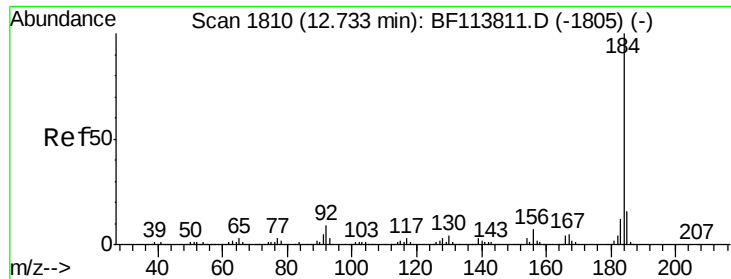
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.04 min Scan# 2033  
 Delta R.T. 0.00 min  
 Lab File: BF113811.D  
 Acq: 18 Apr 2019 9:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.6  | 9.3   | 13.9  |
| 236     | 26.5  | 21.2  | 31.8  |



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





#77

Benzidine

Concen: 34.523 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA\_F

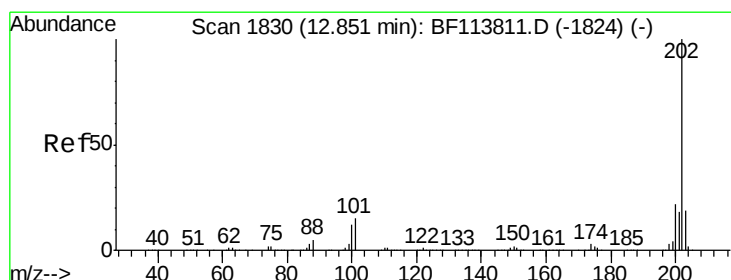
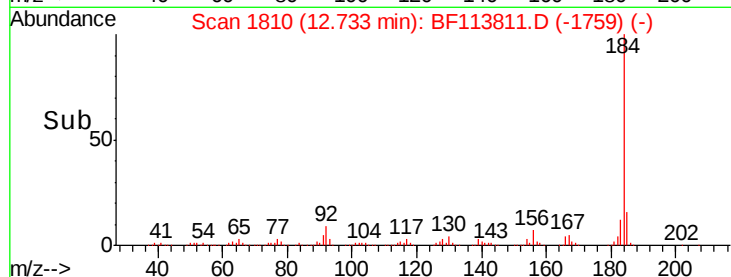
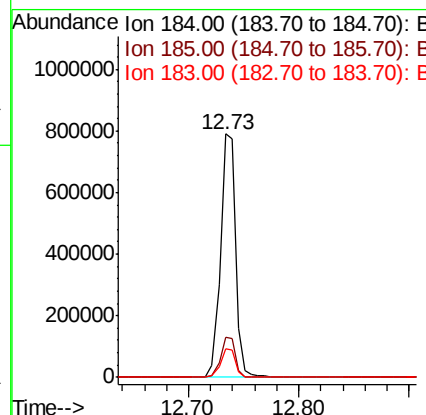
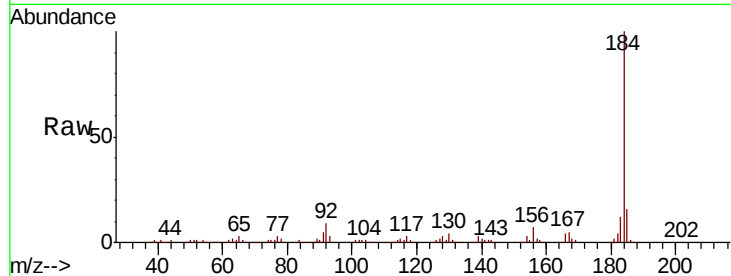
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 747563 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 16.3  | 13.0  | 19.6   |
| 183       | 11.7  | 9.4   | 14.0   |

Manual Integrations  
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#78

Pyrene

Concen: 36.466 ng

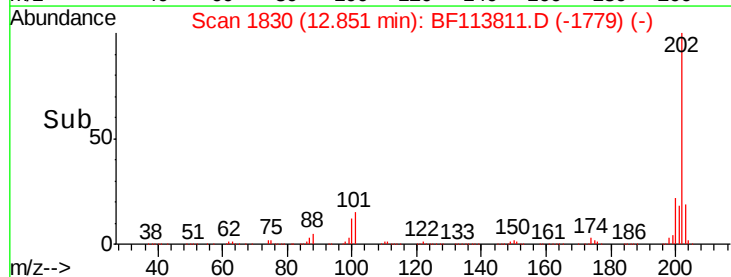
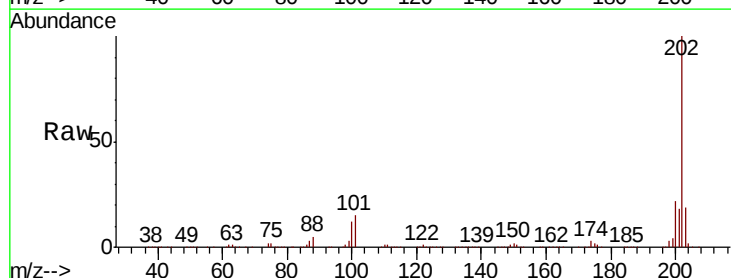
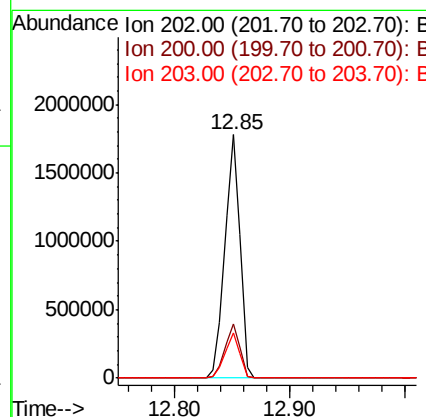
RT: 12.85 min Scan# 1830

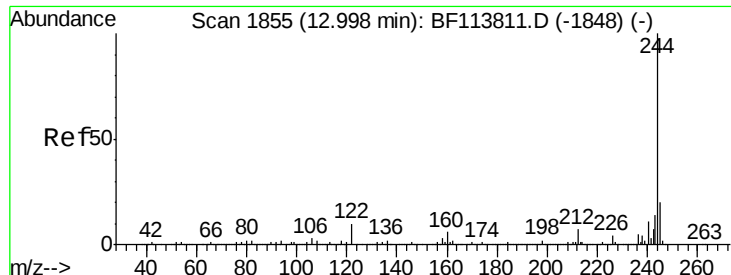
Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1615720 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 22.1  | 17.7  | 26.5    |
| 203       | 18.8  | 15.0  | 22.6    |





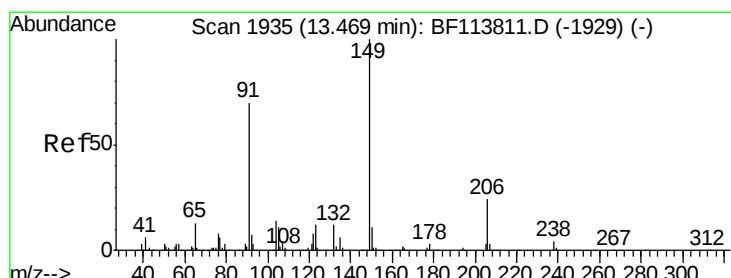
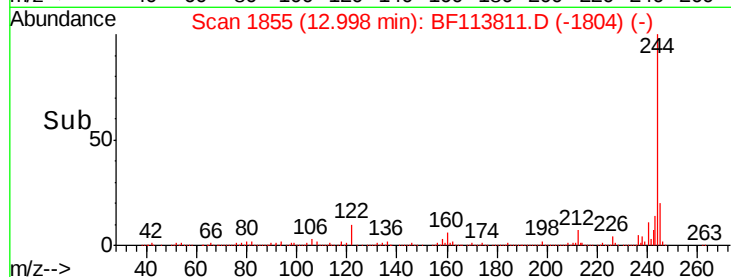
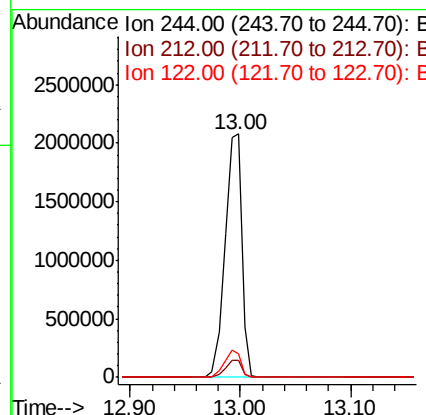
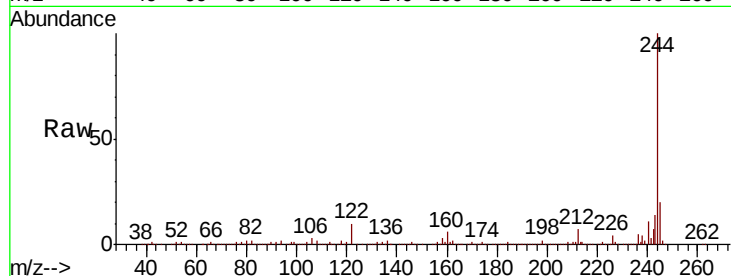
#79  
 Terphenyl-d14  
 Concen: 77.069 ng  
 RT: 13.00 min Scan# 1855  
 Delta R.T. 0.00 min  
 Lab File: BF113811.D  
 Acq: 18 Apr 2019 9:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.8   | 5.4   | 8.2   |
| 122     | 9.5   | 7.6   | 11.4  |

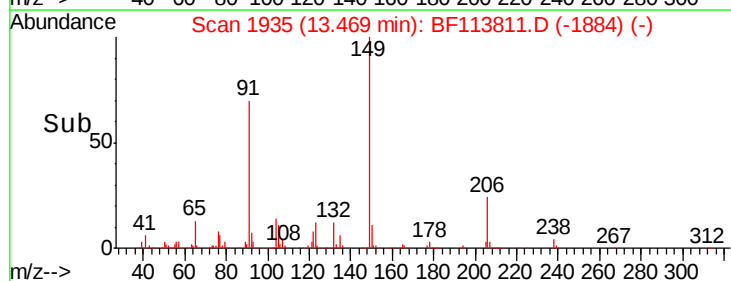
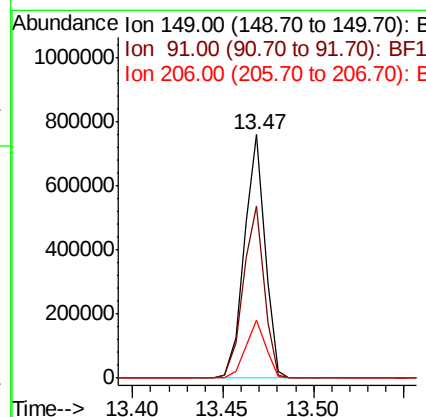
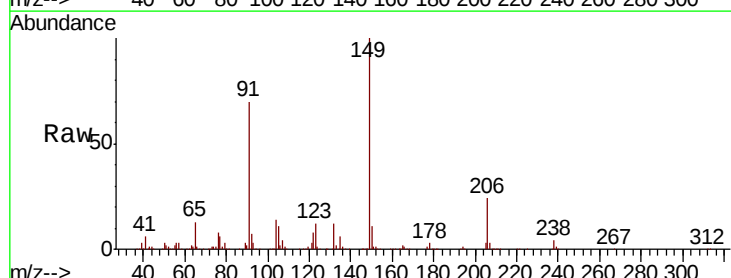
Manual Integrations  
 APPROVED

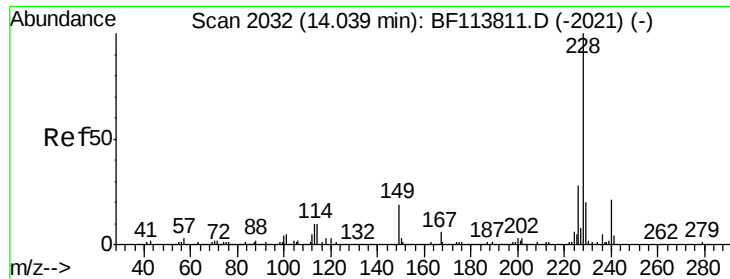
Sohil  
 4/23/2019 8:16:31 AM



#80  
 Butylbenzylphthalate  
 Concen: 33.313 ng  
 RT: 13.47 min Scan# 1935  
 Delta R.T. 0.00 min  
 Lab File: BF113811.D  
 Acq: 18 Apr 2019 9:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 70.4  | 56.3  | 84.5  |
| 206     | 23.8  | 19.0  | 28.6  |





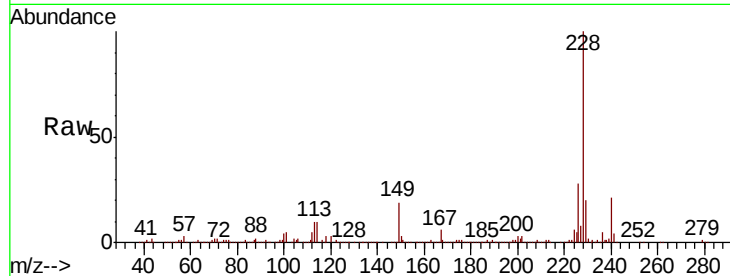
#81  
Benzo(a)anthracene  
Concen: 40.842 ng  
RT: 14.04 min Scan# 2032  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.7  | 22.2  | 33.2  |
| 229     | 20.0  | 16.0  | 24.0  |

Manual Integrations  
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Sohil  
4/23/2019 8:16:31 AM

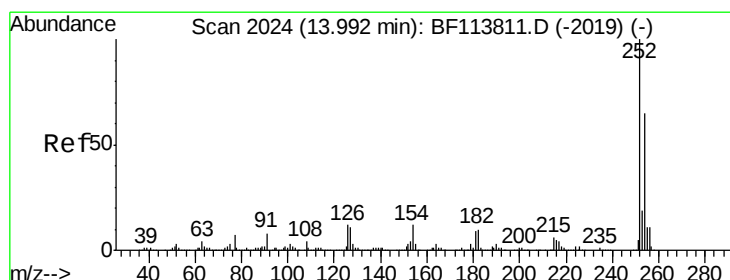
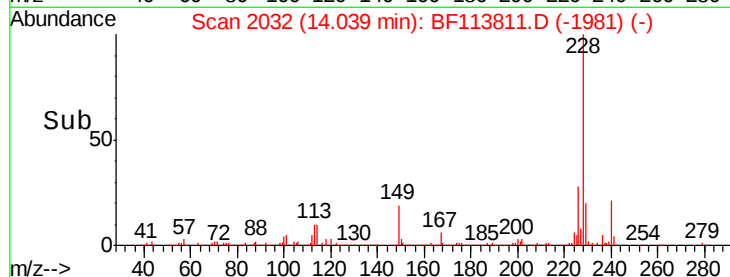
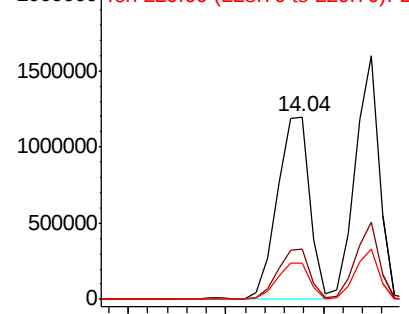


Abundance

Ion 228.00 (227.70 to 228.70): E

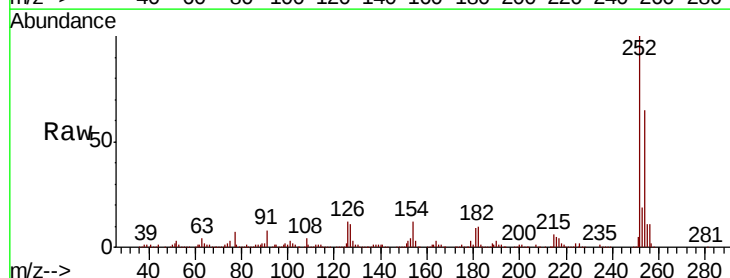
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82  
3,3'-Dichlorobenzidine  
Concen: 39.308 ng  
RT: 13.99 min Scan# 2024  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.1  | 52.1  | 78.1  |
| 126     | 11.6  | 9.3   | 13.9  |

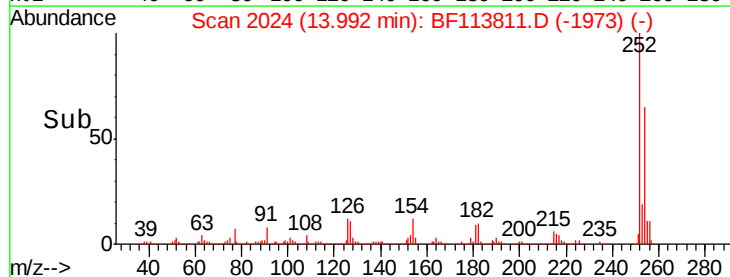
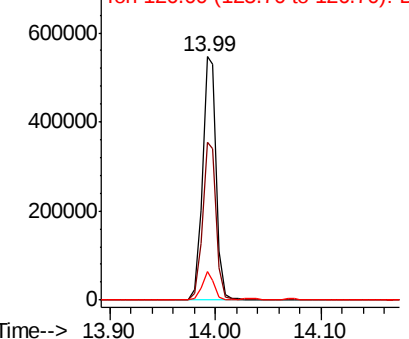


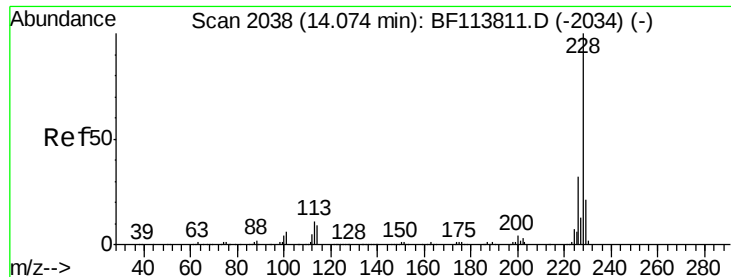
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





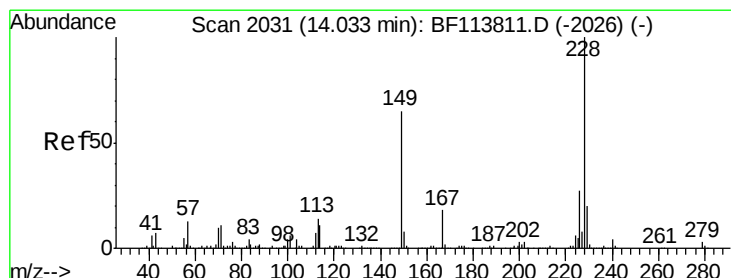
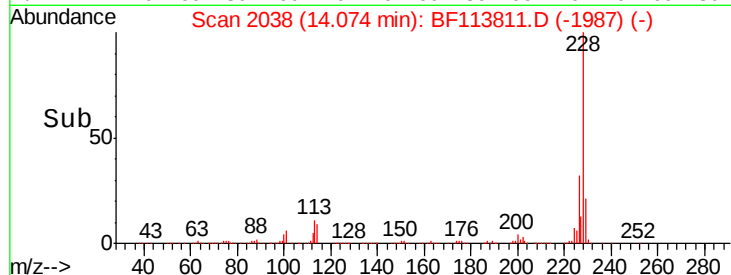
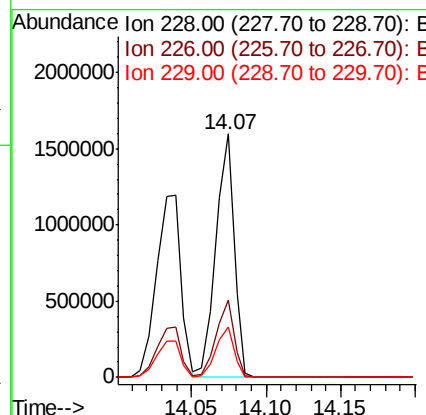
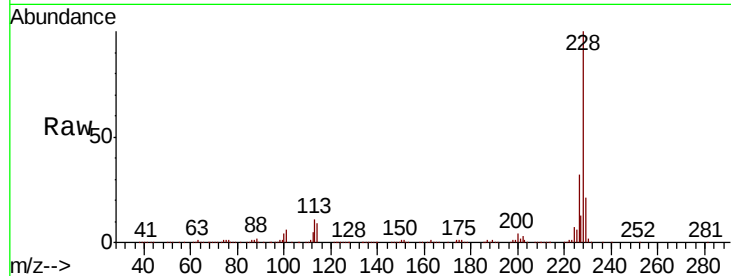
#83  
 Chrvsene  
 Concen: 40.018 ng  
 RT: 14.07 min Scan# 2038  
 Delta R.T. 0.00 min  
 Lab File: BF113811.D  
 Acq: 18 Apr 2019 9:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.5  | 25.2  | 37.8  |
| 229     | 20.9  | 16.7  | 25.1  |

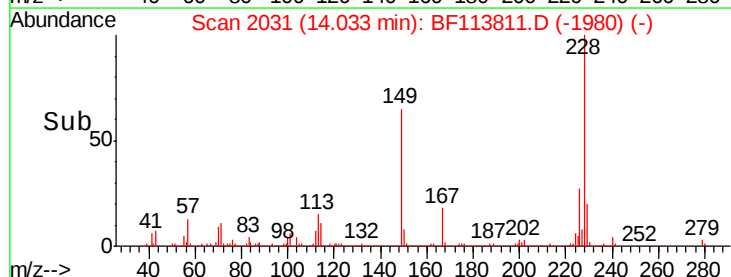
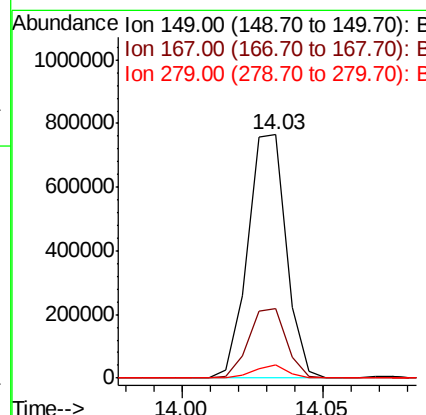
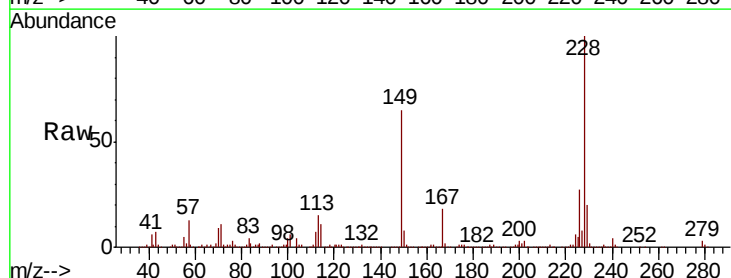
Manual Integrations  
 APPROVED

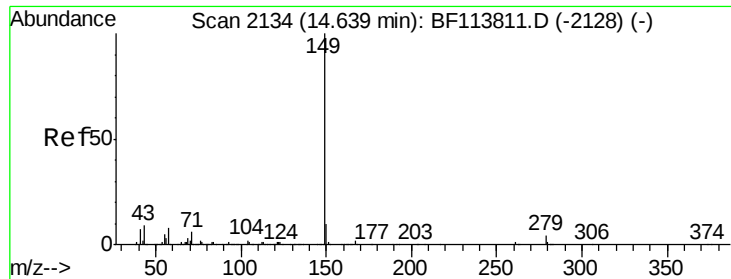
Sohil  
 4/23/2019 8:16:31 AM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 33.214 ng  
 RT: 14.03 min Scan# 2031  
 Delta R.T. 0.00 min  
 Lab File: BF113811.D  
 Acq: 18 Apr 2019 9:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.6  | 22.9  | 34.3  |
| 279     | 5.2   | 4.2   | 6.2   |





#85

Di-n-octyl phthalate

Concen: 32.086 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1137310

Ion Ratio Lower Upper

149 100

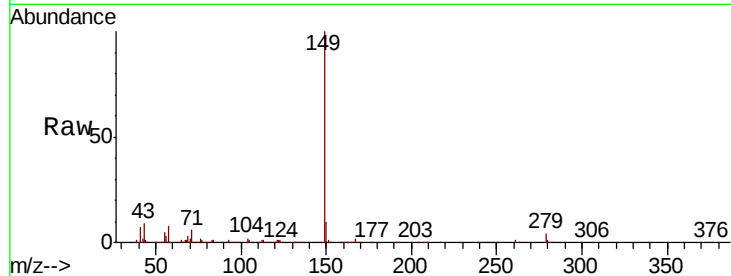
167 1.6 1.3 1.9

43 8.3 6.6 10.0

Manual Integrations  
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Sohil

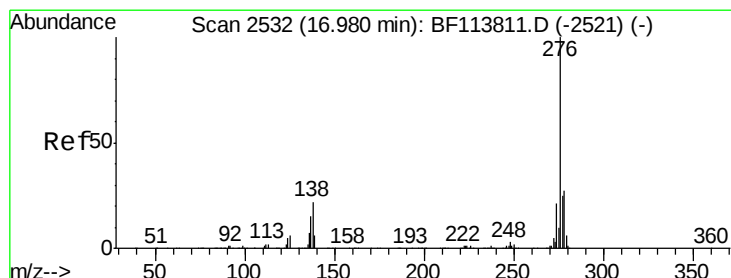
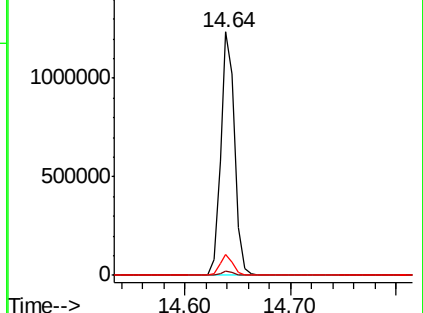
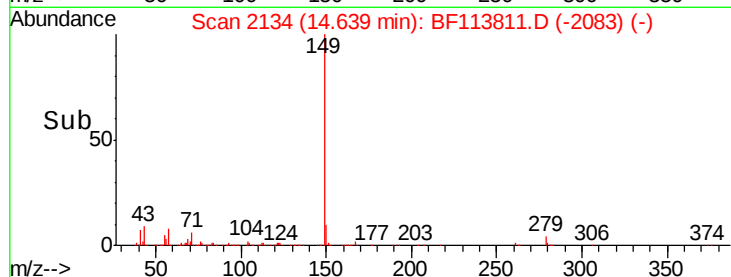
4/23/2019 8:16:31 AM



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: 31.529 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.00 min

Lab File: BF113811.D

Acq: 18 Apr 2019 9:04

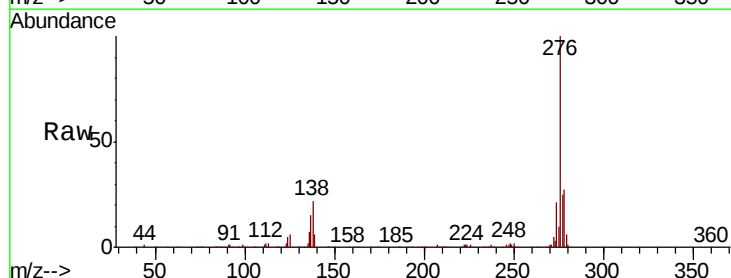
Tgt Ion:276 Resp: 991244

Ion Ratio Lower Upper

276 100

138 24.5 19.6 29.4

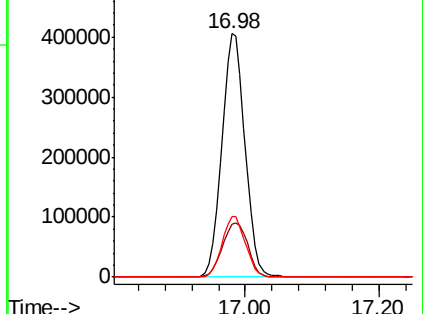
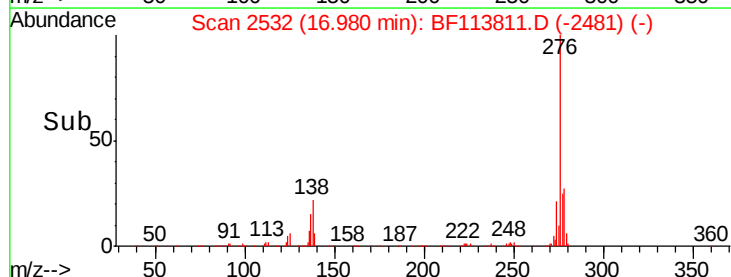
277 25.2 20.2 30.4

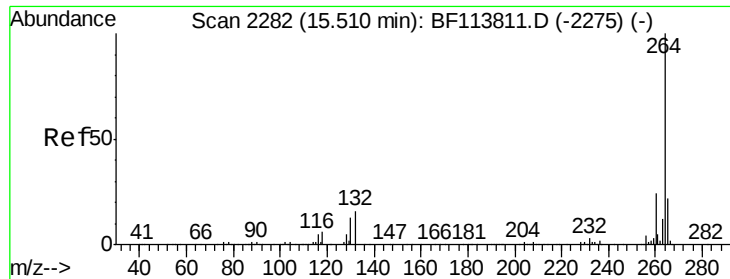


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





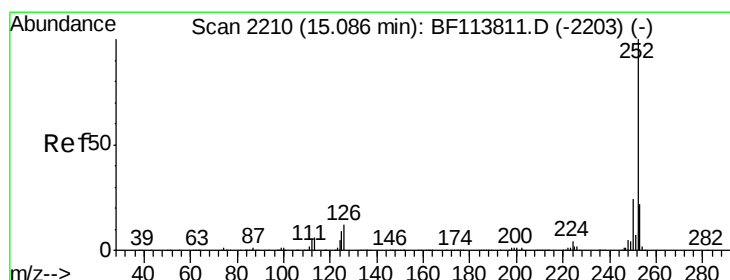
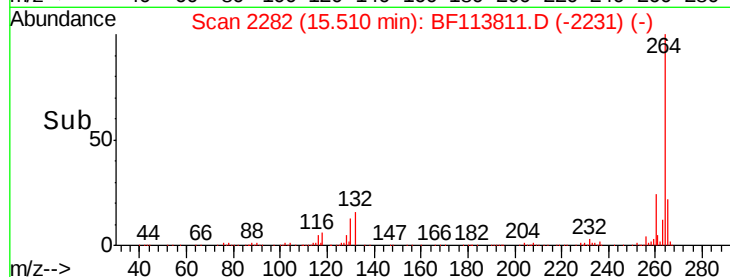
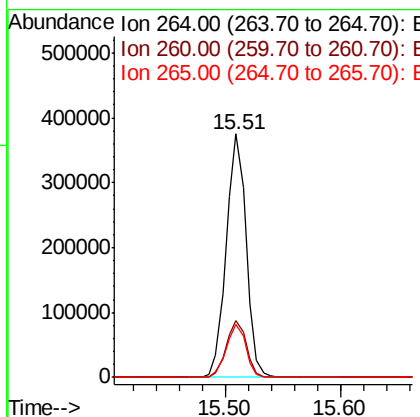
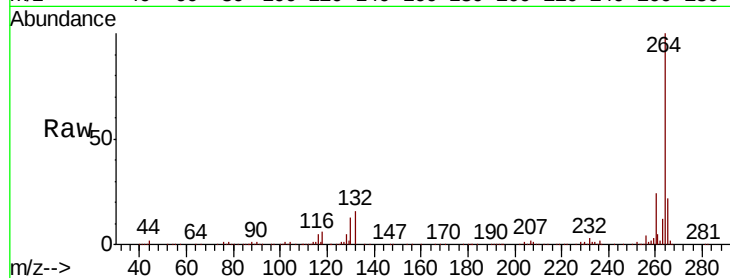
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.51 min Scan# 2282  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 18.9  | 28.3  |
| 265     | 21.6  | 17.3  | 25.9  |

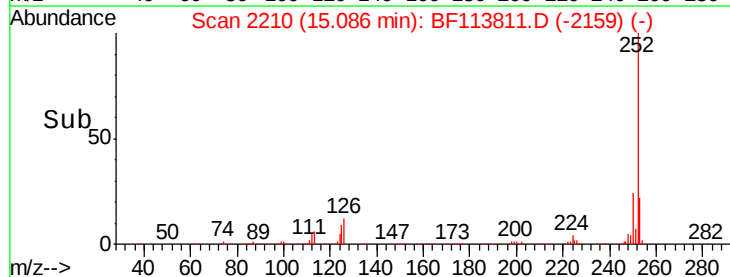
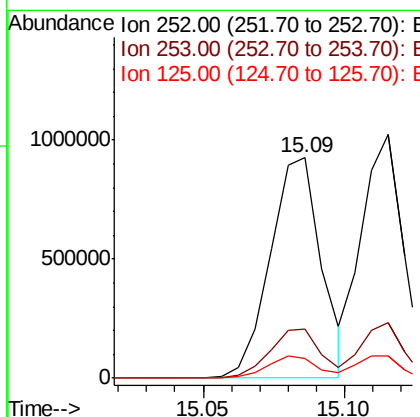
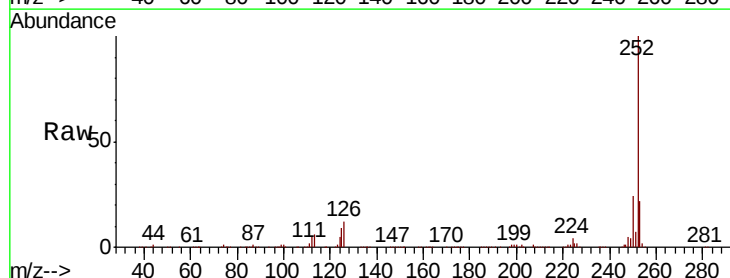
Manual Integrations  
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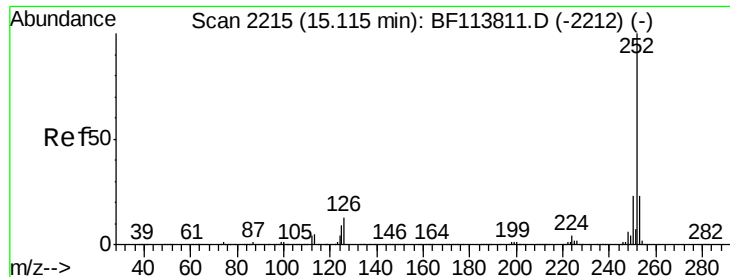
Sohil  
4/23/2019 8:16:31 AM



#88  
Benzo(b)fluoranthene  
Concen: 42.413 ng  
RT: 15.09 min Scan# 2210  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.8  | 26.6  |
| 125     | 8.8   | 7.0   | 10.6  |





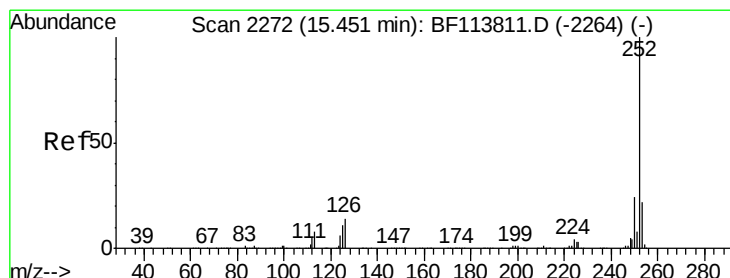
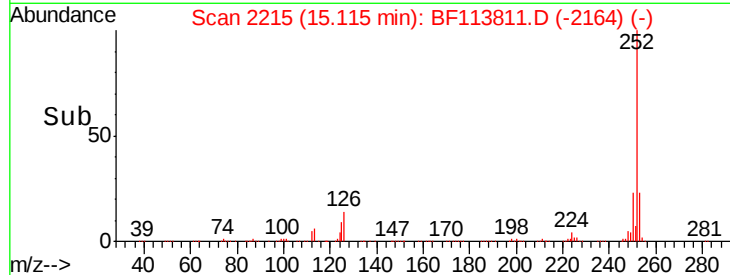
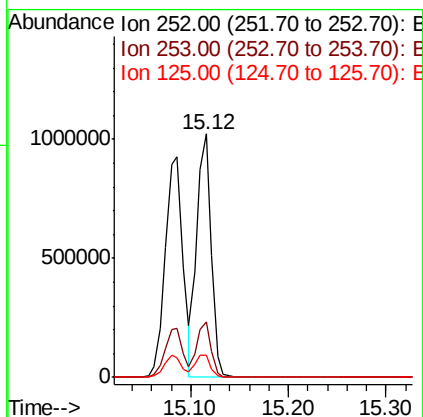
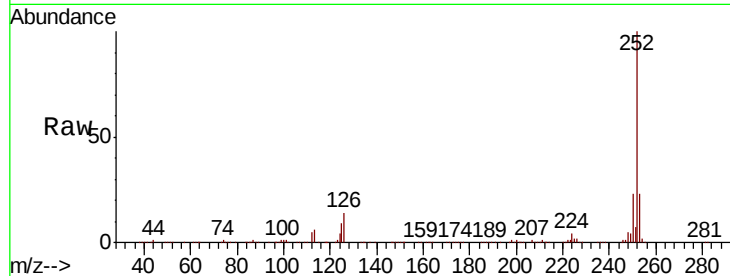
#89  
Benzo(k)fluoranthene  
Concen: 42.764 ng  
RT: 15.12 min Scan# 2215  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampled :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 18.2  | 27.2  |
| 125     | 9.3   | 7.4   | 11.2  |

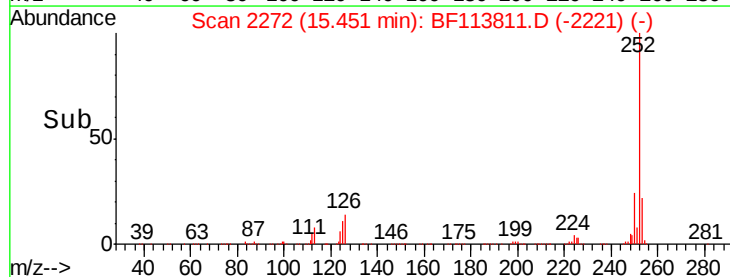
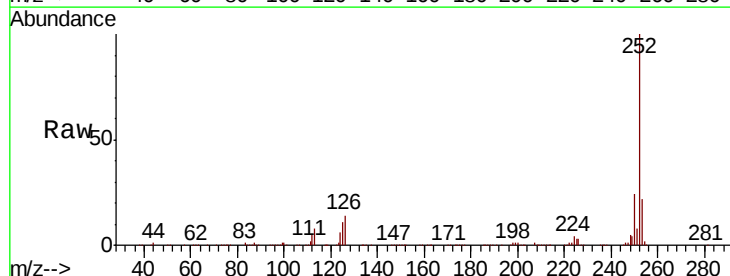
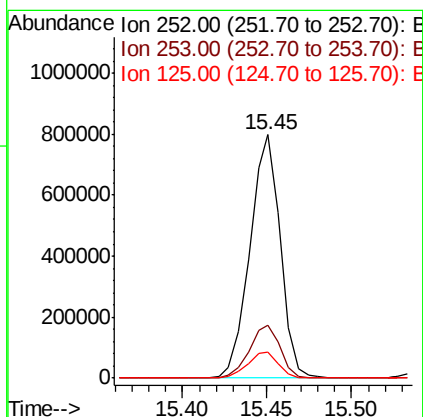
Manual Integrations  
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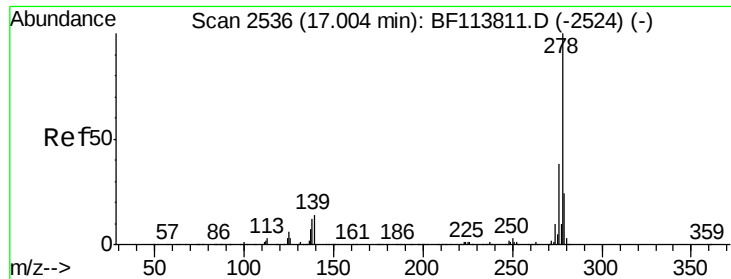
Sohil  
4/23/2019 8:16:31 AM



#90  
Benzo(a)pyrene  
Concen: 40.854 ng  
RT: 15.45 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.5  | 26.3  |
| 125     | 10.6  | 8.5   | 12.7  |





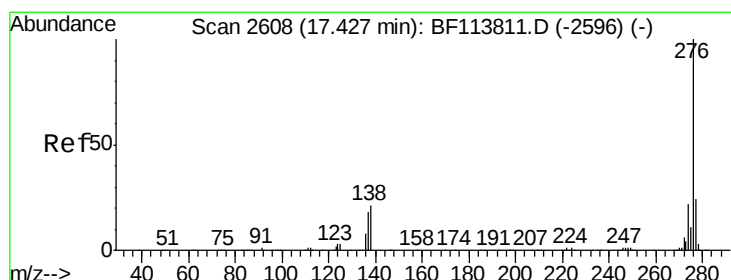
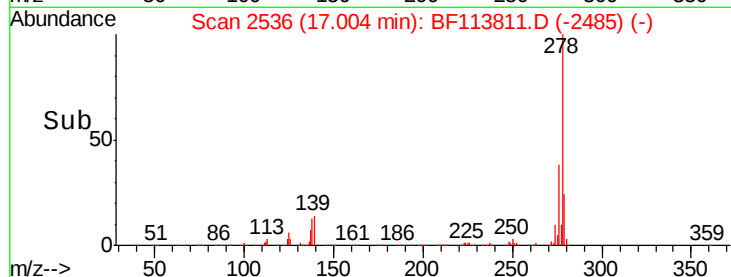
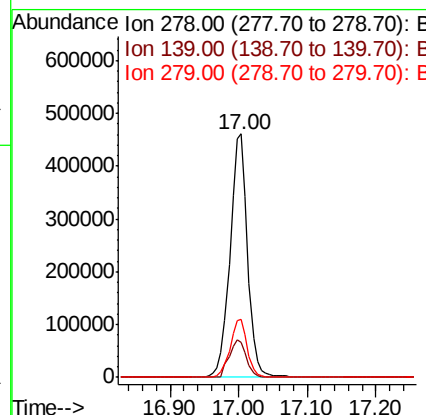
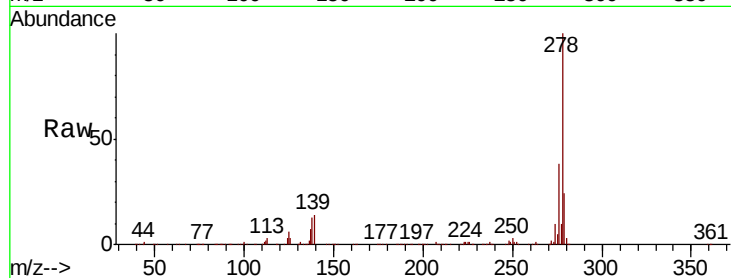
#91  
Dibenzo(a,h)anthracene  
Concen: 36.113 ng  
RT: 17.00 min Scan# 2536  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.5  | 11.6  | 17.4  |
| 279     | 23.8  | 19.0  | 28.6  |

Manual Integrations  
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4/23/2019 8:16:31 AM



#92  
Benzo(g,h,i)perylene  
Concen: 34.849 ng  
RT: 17.43 min Scan# 2608  
Delta R.T. 0.00 min  
Lab File: BF113811.D  
Acq: 18 Apr 2019 9:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.7  | 19.0  | 28.4  |
| 138     | 20.8  | 16.6  | 25.0  |

